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# Illustrated Parts Manual

## ***Models*** ***E300AJ*** ***E300AJP***

***SN 0300211844***  
***TO SN 0300272206***

**3121721**

**September 21, 2020 - Rev P**

***ANSI***

**CE**



***AS/NZS***



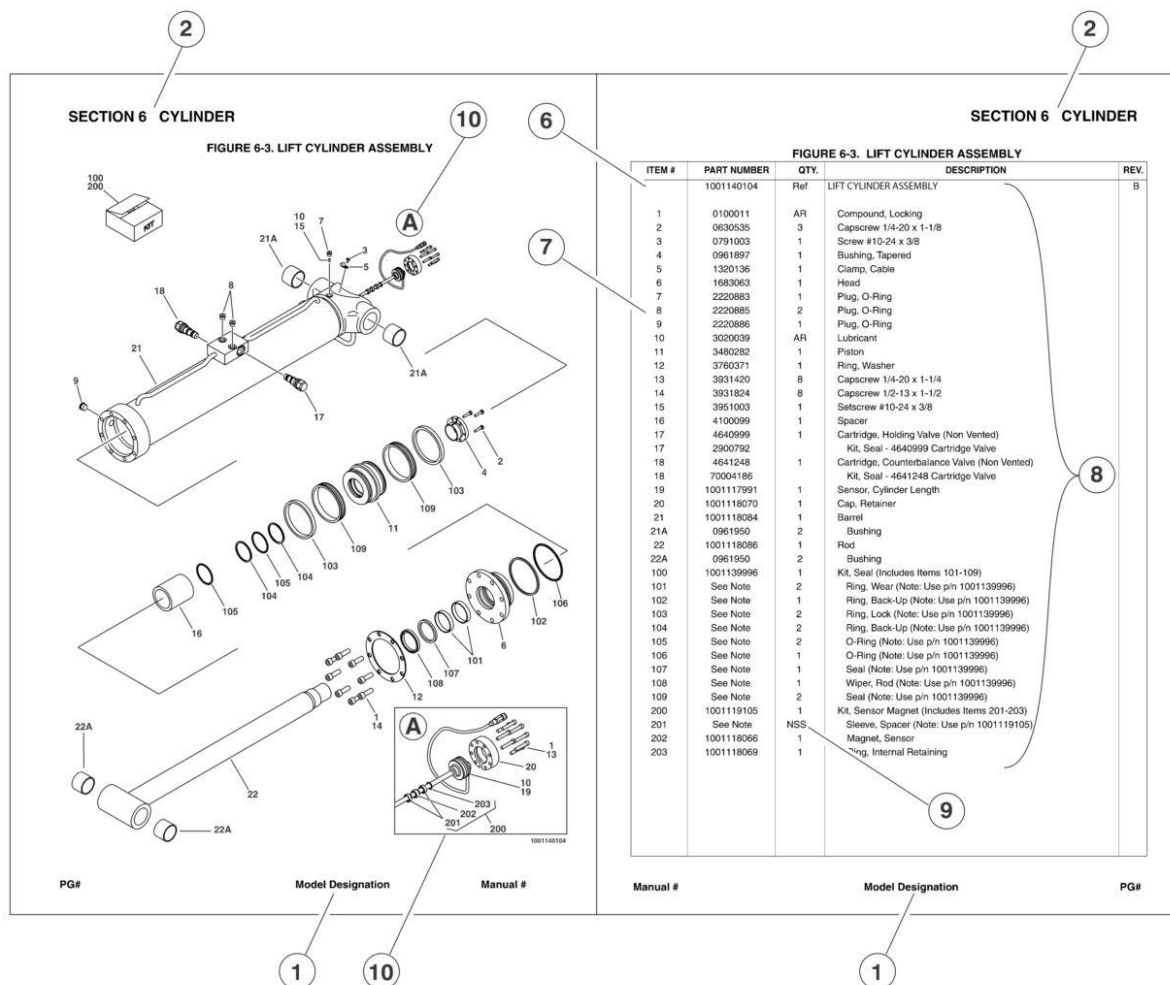
An Oshkosh Corporation Company



## **REVISION LOG**

**September 30, 2015 - A - Original Issue of Manual (Edited to B/M 0010720 Revision T)**  
**December 21, 2015 - B - Revised Issue of Manual (Edited to B/M 0010720 Revision V)**  
**March 25, 2016 - C - Revised Issue of Manual (Edited to B/M 0010720 Revision AC)**  
**June 30, 2016 - D - Revised Issue of Manual (Edited to B/M 10721 Revision AC)**  
**September 12, 2016 - E - Revised Issue of Manual (Edited to B/M 0010720 Revision AD)**  
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## GENERAL INFORMATION



### 1) MACHINE IDENTIFICATION

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

### 2) PARTS MANUAL ORGANIZATION

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

### 3) TABLE OF CONTENTS

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

### 4) RECOMMENDED SPARE PARTS

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

### 5) PART NUMBER INDEX

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



## GENERAL INFORMATION

### 6) NON-SERVICED PARTS

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

### 7) PARTS LIST ITEM NUMBERS

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

### 8) INDENTED PARTS DESCRIPTION

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

### 9) ABB REVIATION AND SYMBOLS

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

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

### 10) ILLUSTRATION REFERENCE LETTERS

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

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



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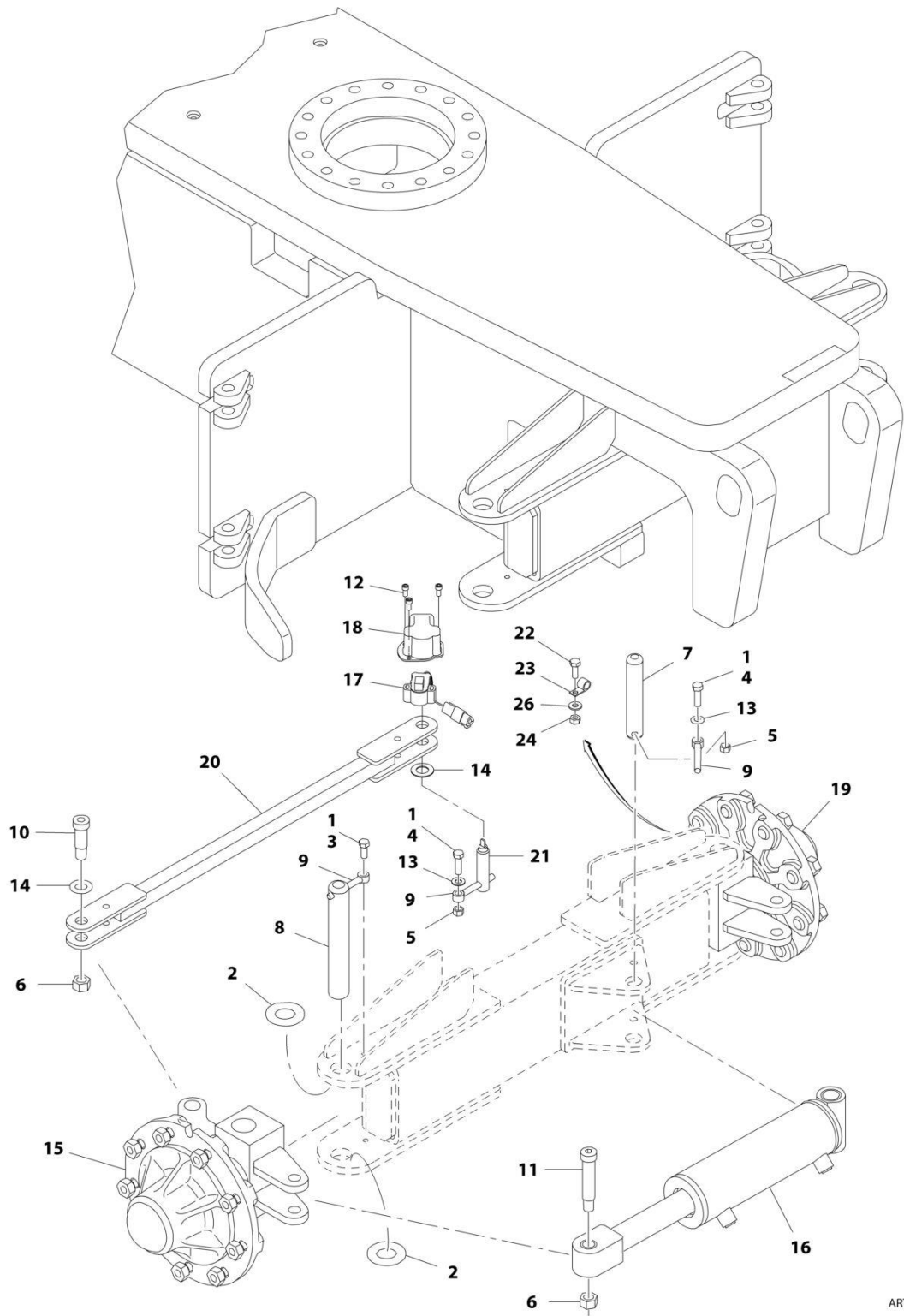
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**SECTION 1 - FRAME**

SECTION 1 - FRAME

FIGURE 1-1. STEER INSTALLATION



ART\_1001180906



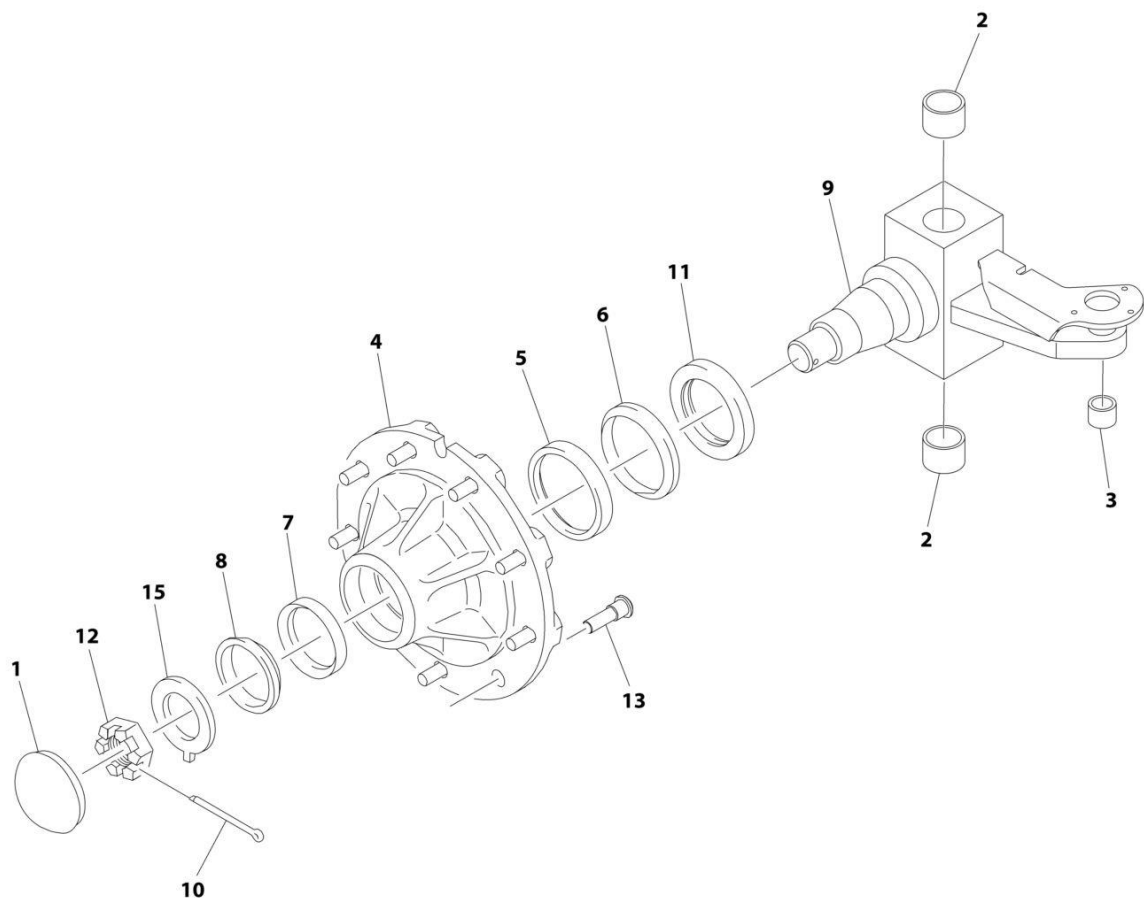
## SECTION 1 - FRAME

**FIGURE 1-1. STEER INSTALLATION**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                     | REV |
|------|-------------|-----|---------------------------------------------------------------------------------|-----|
|      | 1001180906  | Ref | STEER INSTALLATION                                                              | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                               |     |
| 2    | 0440162     | 4   | Bearing, Thrust                                                                 |     |
| 3    | 0641607     | 2   | Bolt 3/8 x 7/8                                                                  |     |
| 4    | 0641610     | 2   | Bolt 3/8 x 1-1/4                                                                |     |
| 5    | 3311605     | 2   | Nut 3/8                                                                         |     |
| 6    | 3312005     | 2   | Nut 5/8                                                                         |     |
| 7    | 3422181     | 1   | Pin                                                                             |     |
| 8    | 3422562     | 2   | Pin                                                                             |     |
| 9    | 3841143     | 4   | Keeper, Pin                                                                     |     |
| 10   | 3900118     | 1   | Screw                                                                           |     |
| 11   | 3900255     | 1   | Screw 3/4 x 3                                                                   |     |
| 12   | 3931408     | 3   | Capscrew 1/4 x 1/2                                                              |     |
| 13   | 4711600     | 2   | Washer 3/8                                                                      |     |
| 14   | 4740086     | 2   | Washer, Thrust                                                                  |     |
| 15   | 1001107712  | 1   | Hub and Spindle Assembly - RH (See Separate Breakdown in this Section)          |     |
| 16   | 1001108310  | 1   | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)            |     |
| 17   | 1001161117  | 1   | Switch, Sensor                                                                  |     |
| 17   | 4460536     | 1   | Receptacle, Female - 2 Position                                                 |     |
| 17   | 4460464     | 2   | Pin, Male                                                                       |     |
| 18   | 1001169423  | 1   | Cover, Sensor                                                                   |     |
| 19   | 1001180911  | 1   | Hub and Spindle Assembly - LH (See Separate Breakdown in this Section)          |     |
| 20   | 1001180913  | 1   | Tie-Rod                                                                         |     |
| 21   | 1001180915  | 1   | Pin                                                                             |     |
| 22   | 0641406     | 2   | Bolt 1/4 x 3/4                                                                  |     |
| 23   | 1320043     | 2   | Clamp, Cable                                                                    |     |
| 24   | 3311405     | 2   | Nut 1/4                                                                         |     |
| 25   | 4240175     | 1   | Tie-Strap (Not Shown)                                                           |     |
| 26   | 4711400     | 2   | Washer 1/4                                                                      |     |
| 27   | 1001192113  | 1   | Steer Sensor Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 1-2. HUB AND SPINDLE ASSEMBLY - LH



ART\_1001180911

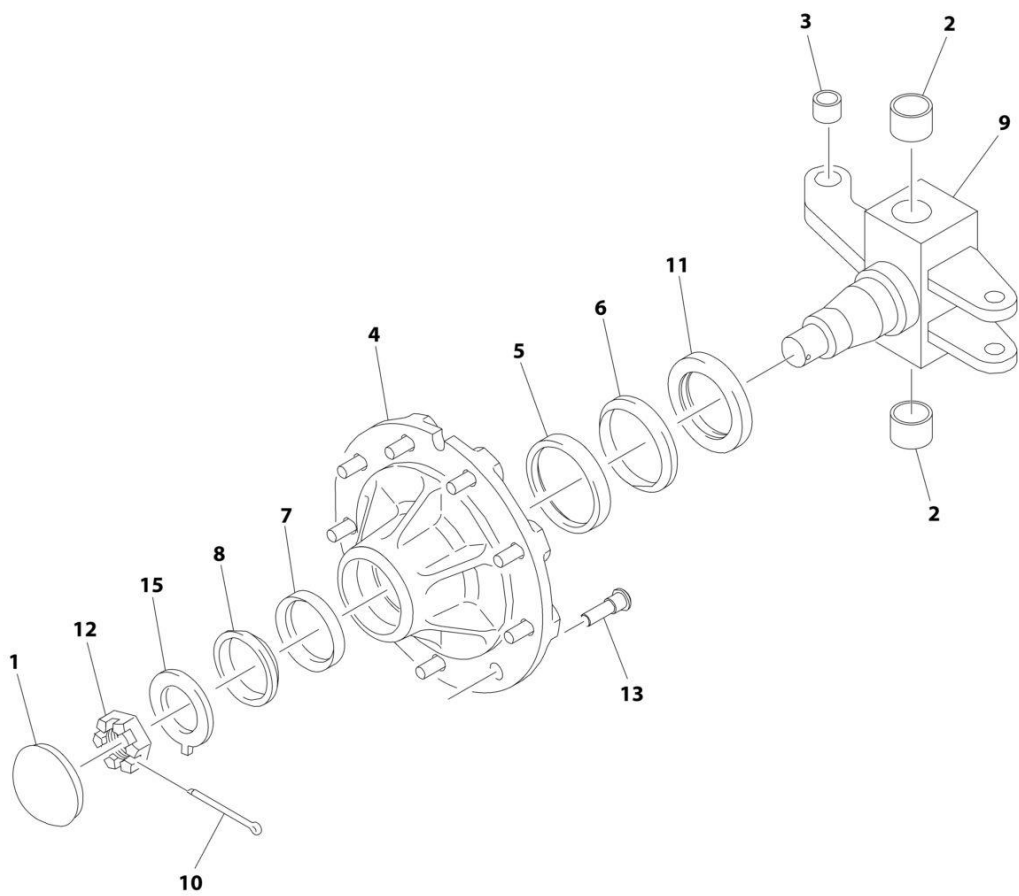
## SECTION 1 - FRAME

**FIGURE 1-2. HUB AND SPINDLE ASSEMBLY - LH**

| ITEM | PART NUMBER | QTY | DESCRIPTION                           | REV |
|------|-------------|-----|---------------------------------------|-----|
|      | 1001180911  | Ref | HUB AND SPINDLE ASSEMBLY - LH         | D   |
| 1    | 7020137     | 1   | Cap, Dust                             |     |
| 2    | 0961951     | 2   | Bushing                               |     |
| 3    | 0962140     | 1   | Bearing                               |     |
| 4    | 70002434    | 1   | Hub                                   |     |
| 5    | 7020036     | 1   | Cup, Bearing (Inner) (Part of Item 4) |     |
| 6    | 7020037     | 1   | Cone, Bearing (Inner)                 |     |
| 7    | 7020038     | 1   | Cup, Bearing (Outer) (Part of Item 4) |     |
| 8    | 7020039     | 1   | Cone, Bearing (Outer)                 |     |
| 9    | See Note    | NSS | Spindle (Note: Use p/n 1001180911)    |     |
| 10   | 7020140     | 1   | Pin, Cotter                           |     |
| 11   | 7020040     | 1   | Seal                                  |     |
| 12   | 7020054     | 1   | Nut 1-1/4                             |     |
| 13   | 7020041     | 9   | Stud 5/8                              |     |
| 15   | 7020055     | 1   | Washer 1-1/4                          |     |

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FIGURE 1-3. HUB AND SPINDLE ASSEMBLY - RH



ART\_1001107712

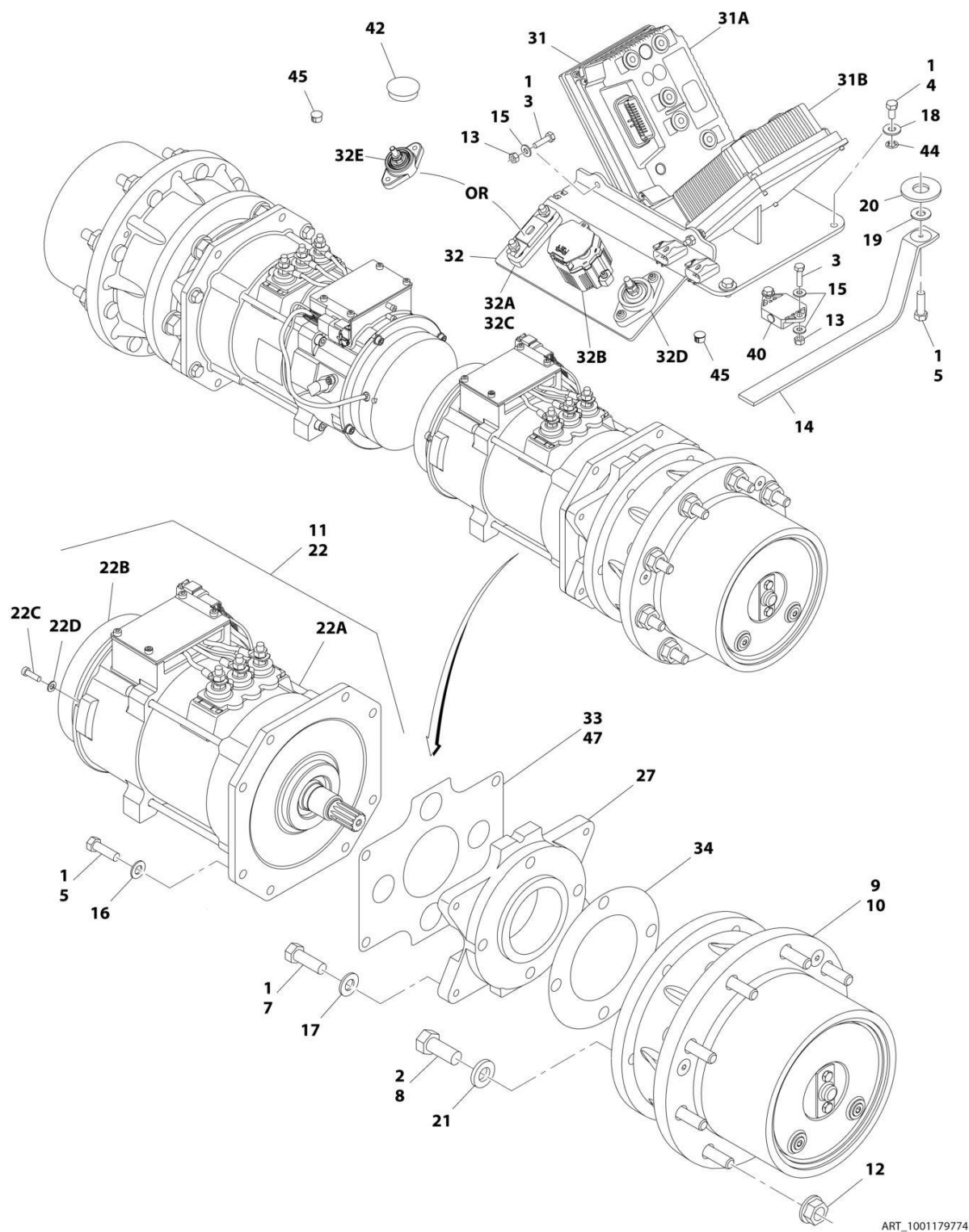
## SECTION 1 - FRAME

**FIGURE 1-3. HUB AND SPINDLE ASSEMBLY - RH**

| ITEM | PART NUMBER | QTY | DESCRIPTION                           | REV |
|------|-------------|-----|---------------------------------------|-----|
|      | 1001107712  | Ref | HUB AND SPINDLE ASSEMBLY - RH         | C   |
| 1    | 7020137     | 1   | Cap, Dust                             |     |
| 2    | 0961951     | 2   | Bushing                               |     |
| 3    | 0962140     | 1   | Bearing                               |     |
| 4    | 70002434    | 1   | Hub                                   |     |
| 5    | 7020036     | 1   | Cup, Bearing (Inner) (Part of Item 4) |     |
| 6    | 7020037     | 1   | Cone, Bearing (Inner)                 |     |
| 7    | 7020038     | 1   | Cup, Bearing (Outer) (Part of Item 4) |     |
| 8    | 7020039     | 1   | Cone, Bearing (Outer)                 |     |
| 9    | 70002435    | 1   | Spindle                               |     |
| 10   | 7020140     | 1   | Pin, Cotter                           |     |
| 11   | 7020040     | 1   | Seal                                  |     |
| 12   | 7020054     | 1   | Nut 1-1/4                             |     |
| 13   | 7020041     | 9   | Stud 5/8                              |     |
| 15   | 7020055     | 1   | Washer 1-1/4                          |     |

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FIGURE 1-4. WHEEL DRIVE INSTALLATION (ALL SPECS EXCEPT UL SPEC)



# SECTION 1 - FRAME

**FIGURE 1-4. WHEEL DRIVE INSTALLATION (ALL SPECS EXCEPT UL SPEC)**

| ITEM | PART NUMBER | QTY            | DESCRIPTION                                                                             | REV |
|------|-------------|----------------|-----------------------------------------------------------------------------------------|-----|
|      | 1001179774  | Ref            | WHEEL DRIVE INSTALLATION (ALL SPECS EXCEPT UL SPEC)                                     | L   |
| 1    | 0100011     | AR             | Compound, Locking                                                                       |     |
| 2    | 0100019     | AR             | Compound, Locking                                                                       |     |
| 3    | 0641408     | 4              | Bolt 1/4 x 1                                                                            |     |
| 4    | 0641505     | 4              | Bolt 5/16 x 5/8                                                                         |     |
| 5    | 0641610     | 9              | Bolt 3/8 x 1-1/4                                                                        |     |
| 7    | 0641812     | 8              | Bolt 1/2 x 1-1/2                                                                        |     |
| 8    | 0682012     | 12             | Bolt 5/8 x 1-1/2                                                                        |     |
| 9    | 2780282     | 2              | Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)                               |     |
| 10   | 3020008     | 0.4 g/<br>1.5L | Lube, Gear 80W-90                                                                       |     |
| 11   | 3020037     | AR             | Grease, Coupling                                                                        |     |
| 12   | 3300426     | 18             | Nut 5/8 (SN 0300211844 through 0300221326)                                              |     |
| 13   | 3311401     | 4              | Nut 1/4                                                                                 |     |
| 14   | 4240084     | 1              | Strap, Anti-Static                                                                      |     |
| 15   | 4711400     | 6              | Washer 1/4                                                                              |     |
| 16   | 4711600     | 8              | Washer 3/8                                                                              |     |
| 17   | 4711800     | 8              | Washer 1/2                                                                              |     |
| 18   | 4751500     | 4              | Washer 5/16                                                                             |     |
| 19   | 4751600     | 1              | Washer 3/8                                                                              |     |
| 20   | 4752200     | 1              | Washer 3/4                                                                              |     |
| 21   | 4892000     | 12             | Washer 5/8                                                                              |     |
| 22   | 1001184854  | 2              | Drive Motor/Brake Assembly                                                              | G   |
| 22A  | 1001182550  | 2              | Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY for Breakdown)                           |     |
| 22B  | 1001184852  | 2              | Drive Brake Assembly                                                                    |     |
| 22B  | 70005415    | 2              | O-Ring Between Brake and Motor (Not Shown)                                              |     |
| 22C  | 4031707     | 8              | Capscrew M6 x 16                                                                        |     |
| 22D  | 1001109892  | 8              | Washer M6                                                                               |     |
| 23   | 1001192112  | 1              | Traction Module to Turntable Harness (Not Shown - See ELECTRICAL SECTION for Breakdown) |     |
| 24   | 1001192110  | 1              | Traction Module to Drive Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)     |     |
| 27   | 1001178921  | 2              | Plate, Adapter Motor (SN 0300211844 through 0300226255)                                 |     |
| 27   | 1001219722  | 2              | Plate, Adapter Motor (SN 0300226256 through 0300272206)                                 |     |
| 31   | 1001180317  | 1              | Drive Module Assembly                                                                   |     |
| 31A  | 1001178339  | 1              | Module, Drive                                                                           |     |
| 31B  | 1001192212  | 1              | Module, Drive                                                                           |     |
| 32   | 1001180675  | 1              | Drive Plate Assembly                                                                    | F   |
| 32A  | 2400044     | 1              | Block, Fuse (SN 0300211844 through 0300226255)                                          |     |
| 32B  | 1001170367  | 1              | Relay                                                                                   |     |
| 32C  | 1001170485  | 1              | Fuse 250Amp (SN 0300211844 through 0300226255)                                          |     |
| 32D  | 1001186860  | 1              | Power Distribution Stud                                                                 |     |
| 32E  | 1001212359  | 1              | Power Distribution Stud (SN 0300226256 through 0300272206)                              |     |
| 33   | 1001182959  | 2              | Seal, Motor (SN 0300211844 through 0300226255)                                          |     |
| 33   | 1001220271  | 2              | Seal, Motor (SN 0300226256 through 0300272206)                                          |     |
| 34   | 1001182960  | 2              | Seal, Hub                                                                               |     |
| 40   | 1001181325  | 1              | Sensor (SN 0300211844 through 0300243569)                                               |     |
| 40   | 1001219601  | 1              | Sensor (SN 0300243569 through 0300272206)                                               |     |
| 42   | 3520035     | 1              | Plug (Located on Frame)                                                                 |     |

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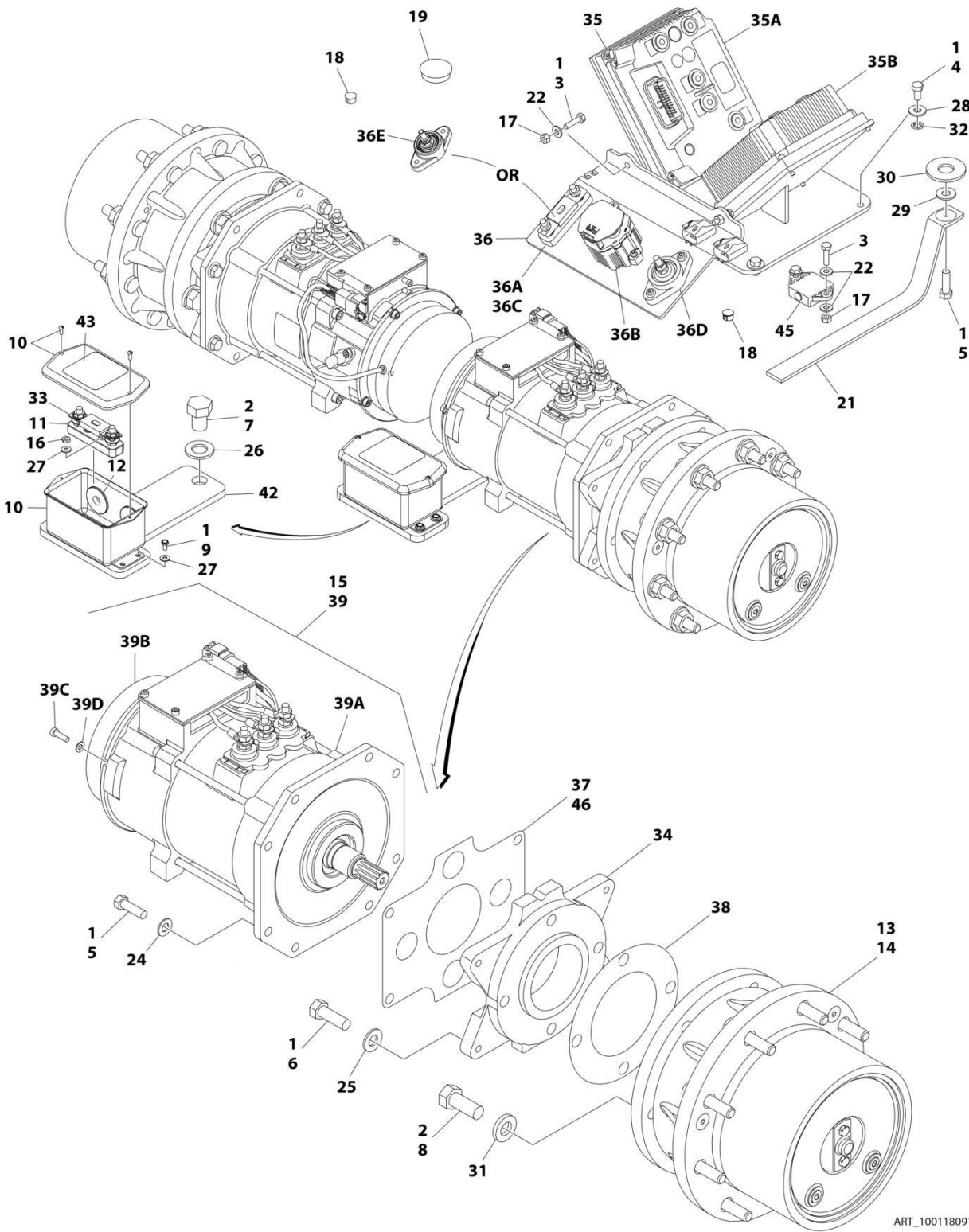
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                        | REV |
|------|-------------|-----|--------------------------------------------------------------------|-----|
| 44   | 1001119228  | 4   | Nut M8                                                             |     |
| 45   | 3520028     | 4   | Plug (Located on Frame)                                            |     |
| 46   | 4240033     | 1   | Tie-Strap (Not Shown)                                              |     |
| 47   | 0100020     | AR  | Sealant <b>(SN 0300226256 through 0300272206)</b>                  |     |
| 100  | 1001195097  | 1   | Drive Cable Kit (Not Shown - See ELECTRICAL SECTION for Breakdown) |     |





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FIGURE 1-5. WHEEL DRIVE INSTALLATION (UL SPECS) (SN 0300226252 through 0300272206)



ART\_1001180914

## SECTION 1 - FRAME

**FIGURE 1-5. WHEEL DRIVE INSTALLATION (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY           | DESCRIPTION                                                            | REV |
|------|-------------|---------------|------------------------------------------------------------------------|-----|
|      | 1001180914  | Ref           | WHEEL DRIVE INSTALLATION (UL SPECS) (SN 0300226252 through 0300272206) | D   |
| 1    | 0100011     | AR            | Compound, Locking                                                      |     |
| 2    | 0100019     | AR            | Compound, Locking                                                      |     |
| 3    | 0641408     | 4             | Bolt 1/4 x 1                                                           |     |
| 4    | 0641505     | 4             | Bolt 5/16 x 5/8                                                        |     |
| 5    | 0641610     | 9             | Bolt 3/8 x 1-1/4                                                       |     |
| 6    | 0641812     | 8             | Bolt 1/2 x 1-1/2                                                       |     |
| 7    | 0642208     | 1             | Bolt 3/4 x 1                                                           |     |
| 8    | 0682012     | 12            | Bolt 5/8 x 1-1/2                                                       |     |
| 9    | 0721003     | 4             | Bolt #10 x 3/8                                                         |     |
| 10   | 0861375     | 1             | Box, DSC Cover                                                         |     |
| 11   | 2400044     | 1             | Block, Fuse                                                            |     |
| 12   | 2540037     | 2             | Grommet, Fuse Box                                                      |     |
| 13   | 2780282     | 2             | Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)              |     |
| 14   | 3020008     | 0.4 gal /1.5L | Lube, Gear 80W-90                                                      |     |
| 15   | 3020037     | AR            | Grease, Coupling                                                       |     |
| 16   | 3311001     | 2             | Nut #10                                                                |     |
| 17   | 3311401     | 4             | Nut 1/4                                                                |     |
| 18   | 3520028     | 4             | Plug                                                                   |     |
| 19   | 3520035     | 1             | Plug                                                                   |     |
| 20   | 4240033     | 1             | Tie-Strap (Not Shown)                                                  |     |
| 21   | 4240084     | 1             | Strap, Anti-Static                                                     |     |
| 22   | 4711400     | 6             | Washer 1/4                                                             |     |
| 24   | 4711600     | 8             | Washer 3/8                                                             |     |
| 25   | 4711800     | 8             | Washer 1/2                                                             |     |
| 26   | 4712200     | 1             | Washer 3/4                                                             |     |
| 27   | 4751000     | 6             | Washer #10                                                             |     |
| 28   | 4751500     | 4             | Washer 5/16                                                            |     |
| 29   | 4751600     | 1             | Washer 3/8                                                             |     |
| 30   | 4752200     | 1             | Washer 3/4                                                             |     |
| 31   | 4892000     | 12            | Washer 5/8                                                             |     |
| 32   | 1001119228  | 4             | Nut M8                                                                 |     |
| 33   | 1001170365  | 1             | Fuse, 400Amp                                                           |     |
| 34   | 1001178921  | 2             | Plate, Adapter Motor (SN 0300211844 through 0300226255)                |     |
| 34   | 1001219722  | 2             | Plate, Adapter Motor (SN 0300226256 through 0300272206)                |     |
| 35   | 1001180317  | 1             | Drive Module Assembly                                                  |     |
| 35A  | 1001178339  | 1             | Module, Drive                                                          |     |
| 35B  | 1001192212  | 1             | Module, Drive                                                          |     |
| 36   | 1001180675  | 1             | Drive Plate Assembly                                                   | F   |
| 36A  | 2400044     | 1             | Block, Fuse (SN 0300211844 through 0300226255)                         |     |
| 36B  | 1001170367  | 1             | Relay                                                                  |     |
| 36C  | 1001170485  | 1             | Fuse 250Amp (SN 0300211844 through 0300226255)                         |     |
| 36D  | 1001186860  | 1             | Power Distribution Stud                                                |     |
| 36E  | 1001212359  | 1             | Power Distribution Stud (SN 0300226256 through 0300272206)             |     |
| 37   | 1001182959  | 2             | Seal, Motor (SN 0300211844 through 0300226255)                         |     |
| 37   | 1001220271  | 2             | Seal, Motor (SN 0300226256 through 0300272206)                         |     |
| 38   | 1001182960  | 2             | Seal, Hub                                                              |     |

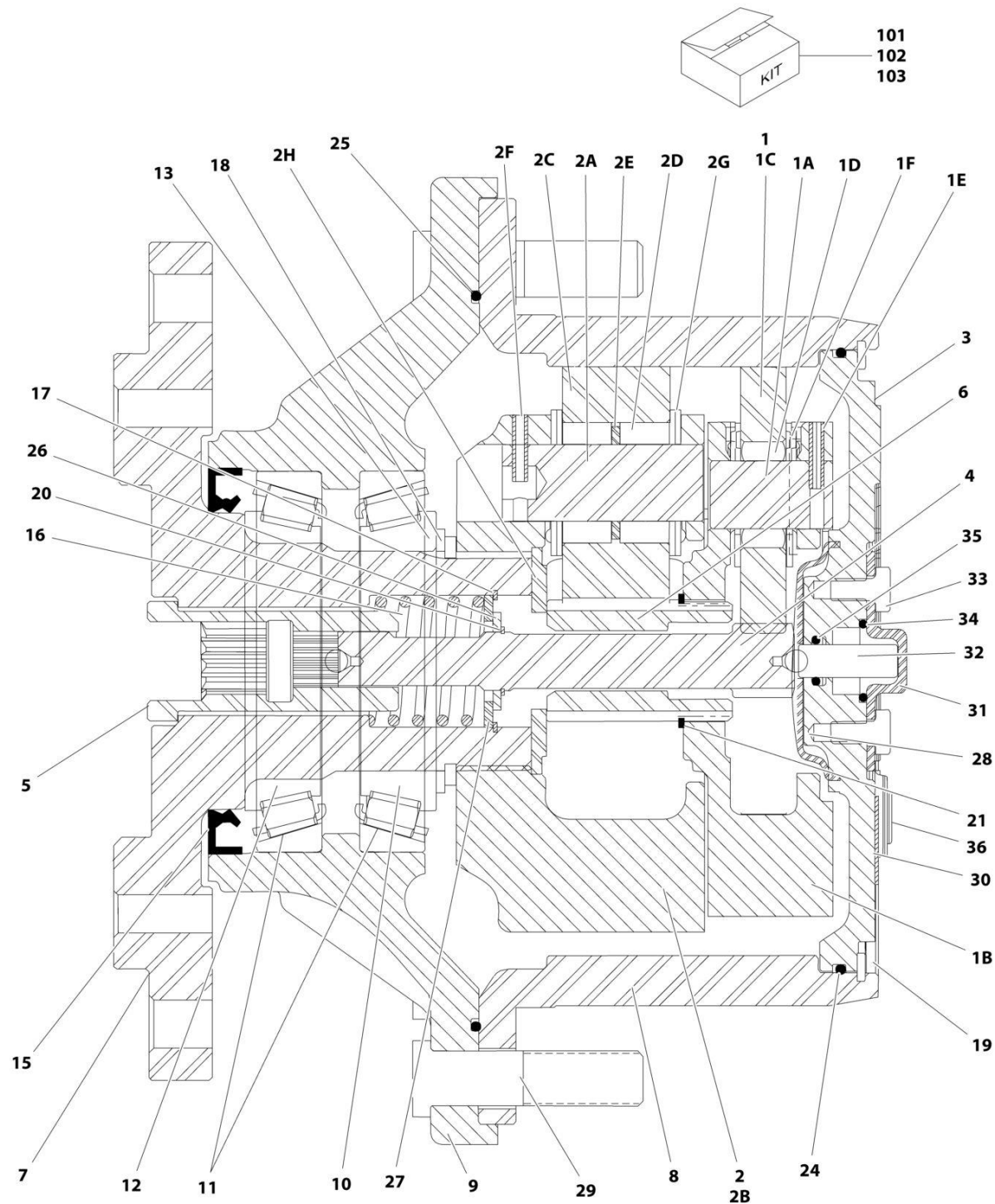
## SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                             | REV |
|------|-------------|-----|-----------------------------------------------------------------------------------------|-----|
| 39   | 1001184854  | 2   | Drive Motor/Brake Assembly                                                              | G   |
| 39A  | 1001182550  | 2   | Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY for Breakdown)                           |     |
| 39B  | 1001184852  | 2   | Drive Brake Assembly                                                                    |     |
| 39B  | 70005415    | 2   | O-Ring Between Brake and Motor (Not Shown)                                              |     |
| 39C  | 4031707     | 8   | Capscrew M6 x 16                                                                        |     |
| 39D  | 1001109892  | 8   | Washer M6                                                                               |     |
| 40   | 1001192110  | 1   | Traction Module to Drive Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)     |     |
| 41   | 1001192112  | 1   | Traction Module to Turntable Harness (Not Shown - See ELECTRICAL SECTION for Breakdown) |     |
| 42   | 1001210587  | 1   | Bracket                                                                                 |     |
| 43   | 1001213626  | 1   | Decal - Fuse, 400Amp                                                                    |     |
| 44   | 0340048     | 1   | Band Kit, Pump Motor (Not Shown)                                                        |     |
| 45   | 1001181325  | 1   | Sensor (SN 0300211844 through 0300243569)                                               |     |
| 45   | 1001219601  | 1   | Sensor (SN 0300243569 through 0300272206)                                               |     |
| 46   | 0100020     | AR  | Sealant (SN 0300226256 through 0300272206)                                              |     |
| 100  | 1001212446  | 1   | Drive Cable Kit (Not Shown - See ELECTRICAL SECTION for Breakdown)                      |     |



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FIGURE 1-6. DRIVE HUB ASSEMBLY



ART\_2780282

FIGURE 1-6. DRIVE HUB ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION                                          | REV |
|------|-------------|-----|------------------------------------------------------|-----|
|      | 2780282     | Ref | DRIVE HUB ASSEMBLY                                   | B   |
| 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 | Pin, Roll (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 | Pin, Roll (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    | 2780282     | 1   | Housing                                              |     |
| 10   | See Note    | NSS | Bearing, Tapered-Cone (Note: Use Item 101)           |     |
| 11   | See Note    | NSS | Bearing, Tapered-Cup (Note: Use Item 101)            |     |
| 12   | See Note    | NSS | Bearing, Tapered-Cone (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 (External) (Note: Use Item 102)      |     |
| 19   | 7024738     | 1   | Ring, Retaining (Internal)                           |     |
| 20   | 70001376    | 1   | Ring, Retaining (External)                           |     |
| 21   | 70001377    | 1   | Ring, Retaining (External)                           |     |
| 22   | 7000281     | 4   | Screw (Not Shown - ID plate screws)                  |     |
| 23   | 7017022     | 3   | Bolt, Flathead (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 | Plug (Note: Use Item 103)                            |     |

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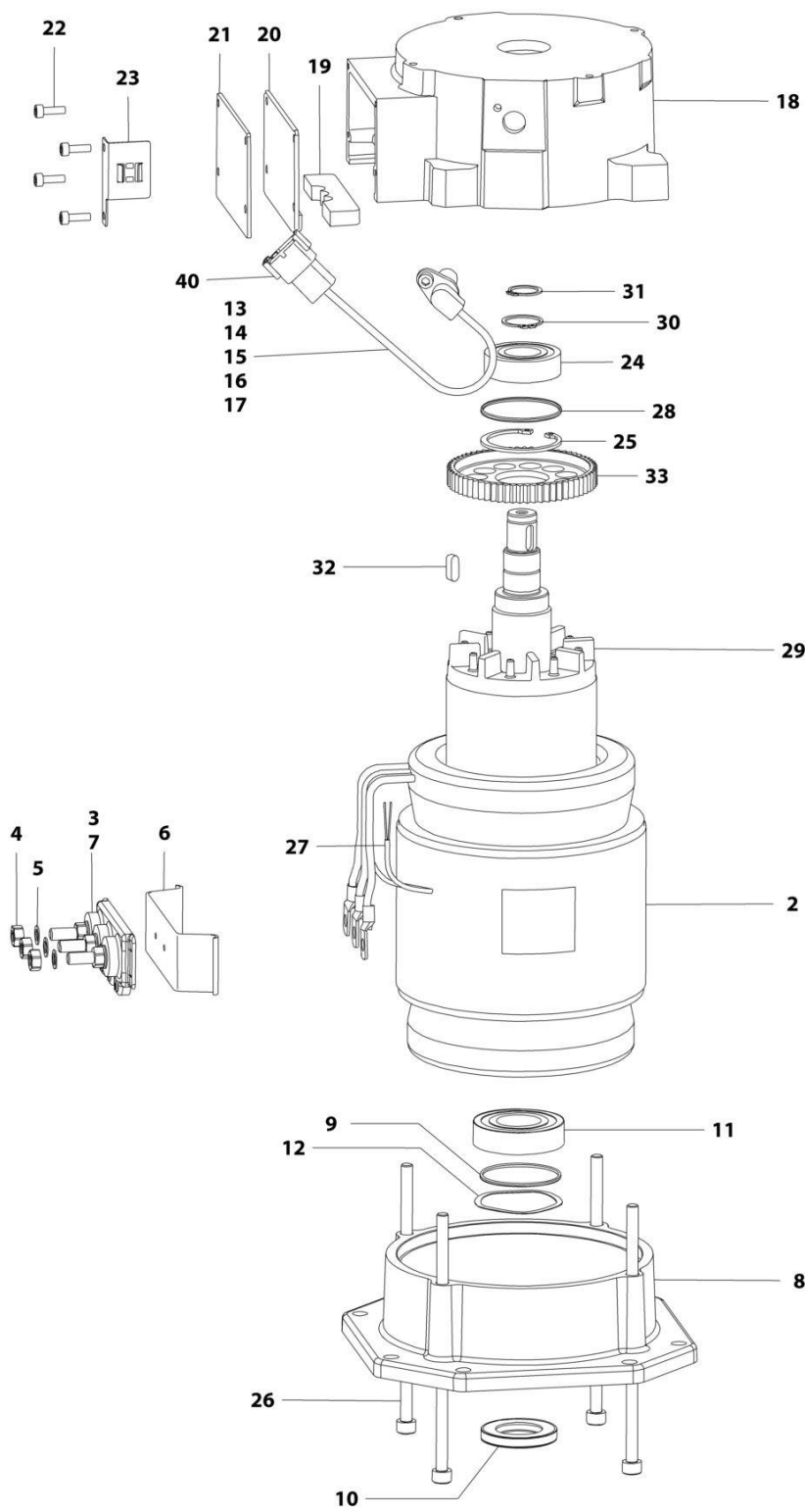
| ITEM | PART NUMBER | QTY | DESCRIPTION                                           | REV |
|------|-------------|-----|-------------------------------------------------------|-----|
|      |             | Ref | Kit Options                                           |     |
| 101  | 7017007     | 1   | 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 30-36)        |     |





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FIGURE 1-7. DRIVE MOTOR ASSEMBLY



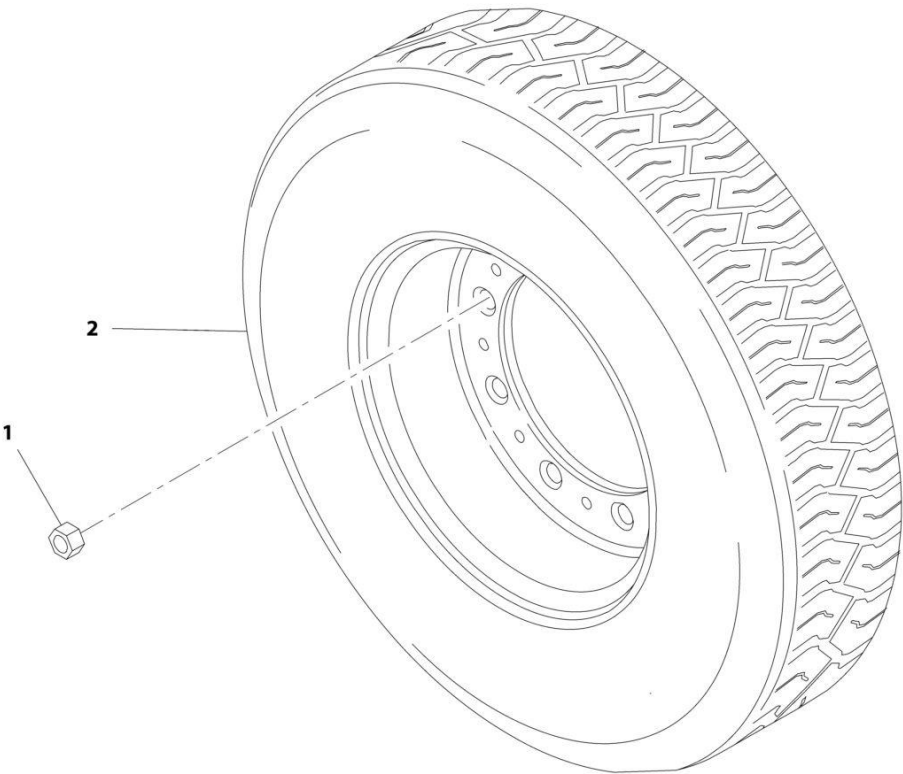
ART\_1001182550

FIGURE 1-7. DRIVE MOTOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION                   | REV |
|------|-------------|-----|-------------------------------|-----|
|      | 1001182550  | Ref | DRIVE MOTOR ASSEMBLY          | F   |
| 2    | 70005385    | 1   | Stator                        |     |
| 3    | 70005386    | 1   | Board, Terminal               |     |
| 4    | 70005387    | 3   | Nut M8                        |     |
| 5    | 70005388    | 3   | Washer M8                     |     |
| 6    | 70005389    | 1   | Base, Terminal                |     |
| 7    | 70005390    | 2   | Screw M5 x 14                 |     |
| 8    | 70005391    | 1   | Plate, Drive End              |     |
| 9    | 70004811    | 1   | O-Ring                        |     |
| 10   | 70005392    | 1   | Seal, Shaft                   |     |
| 11   | 70004809    | 1   | Bearing                       |     |
| 12   | 70005393    | 1   | Washer, Wavy                  |     |
| 13   | 70005394    | 1   | Sensor (Includes Items 14-17) |     |
| 14   | 70005395    | 1   | Screw M8 x 16                 |     |
| 15   | 70005396    | 1   | Wedge                         |     |
| 16   | 70005397    | 1   | Connector                     |     |
| 17   | 4460516     | 4   | Pin, Male                     |     |
| 18   | 70005398    | 1   | Shield, End                   |     |
| 19   | 70005399    | 1   | Seal                          |     |
| 20   | 70005400    | 1   | Seal                          |     |
| 21   | 70005401    | 1   | Cover                         |     |
| 22   | 70005402    | 4   | Screw M5 x 16                 |     |
| 23   | 70005403    | 1   | Plate, Retaining              |     |
| 24   | 70005404    | 1   | Bearing                       |     |
| 25   | 70005405    | 1   | Clip, Retainer                |     |
| 26   | 70005406    | 4   | Screw M8 x 180                |     |
| 27   | 70005407    | 1   | Temperature, Sensor           |     |
| 28   | 70005408    | 1   | O-Ring                        |     |
| 29   | 70005409    | 1   | Rotor                         |     |
| 30   | 70004820    | 1   | Clip, Retainer                |     |
| 31   | 70005410    | 1   | Clip, Retainer                |     |
| 32   | 70005411    | 1   | Key                           |     |
| 33   | 70005412    | 1   | Gear                          |     |
| 40   | 1001190577  | 1   | Connector - 8 Position        |     |
| 40   | 4460516     | 8   | Pin                           |     |

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**FIGURE 1-8. TIRE AND WHEEL INSTALLATION**



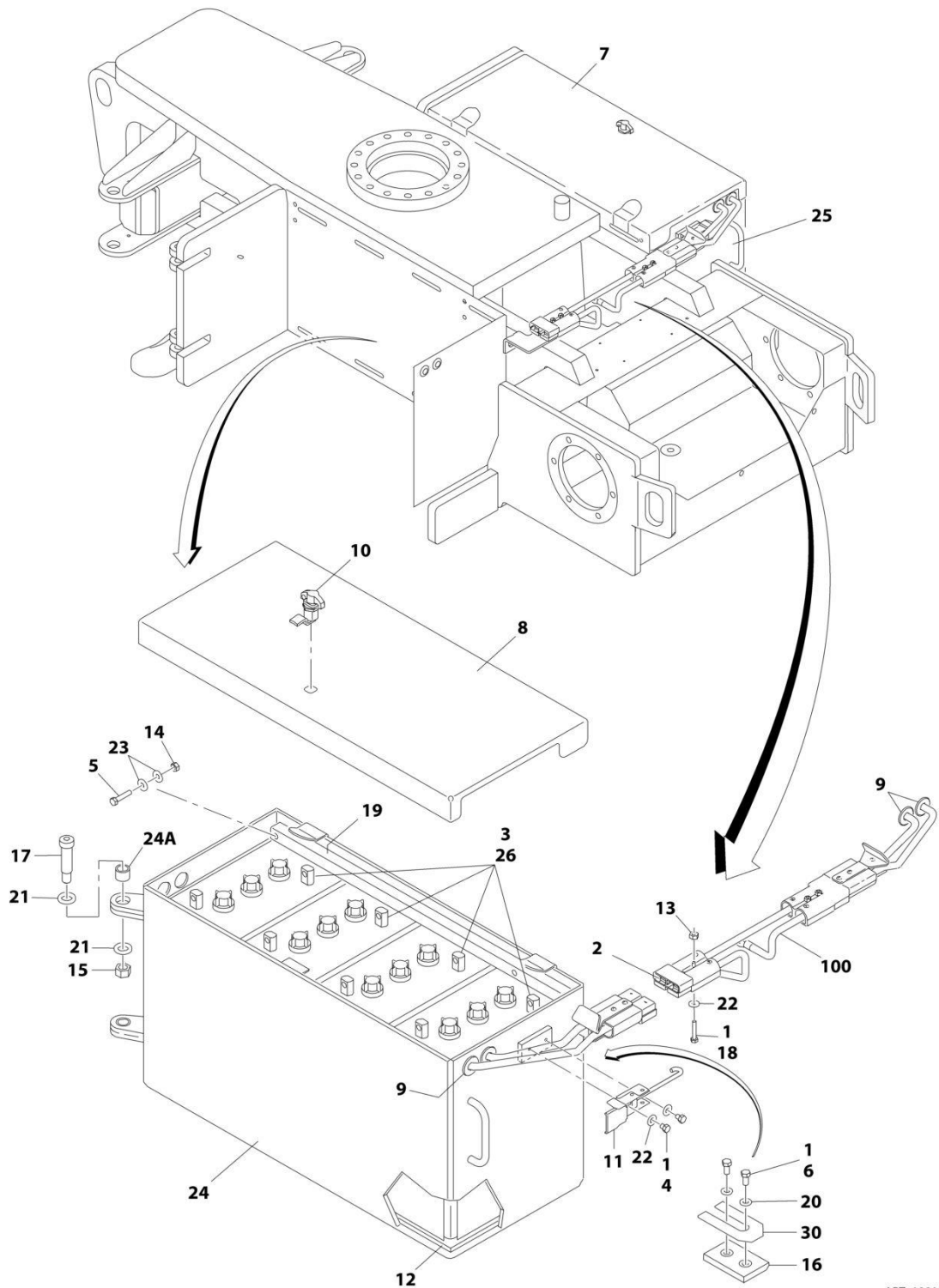
ART\_0258986

FIGURE 1-8. TIRE AND WHEEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION                 | REV |
|------|-------------|-----|-----------------------------|-----|
|      | 0258986     | Ref | TIRE AND WHEEL INSTALLATION | D   |
| 1    | 3300106     | 36  | Lugnut                      |     |
| 2    | 1001110772  | 4   | Tire and Wheel Assembly     |     |

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FIGURE 1-9. BATTERY INSTALLATION - 305AH BATTERIES



ART\_1001177627

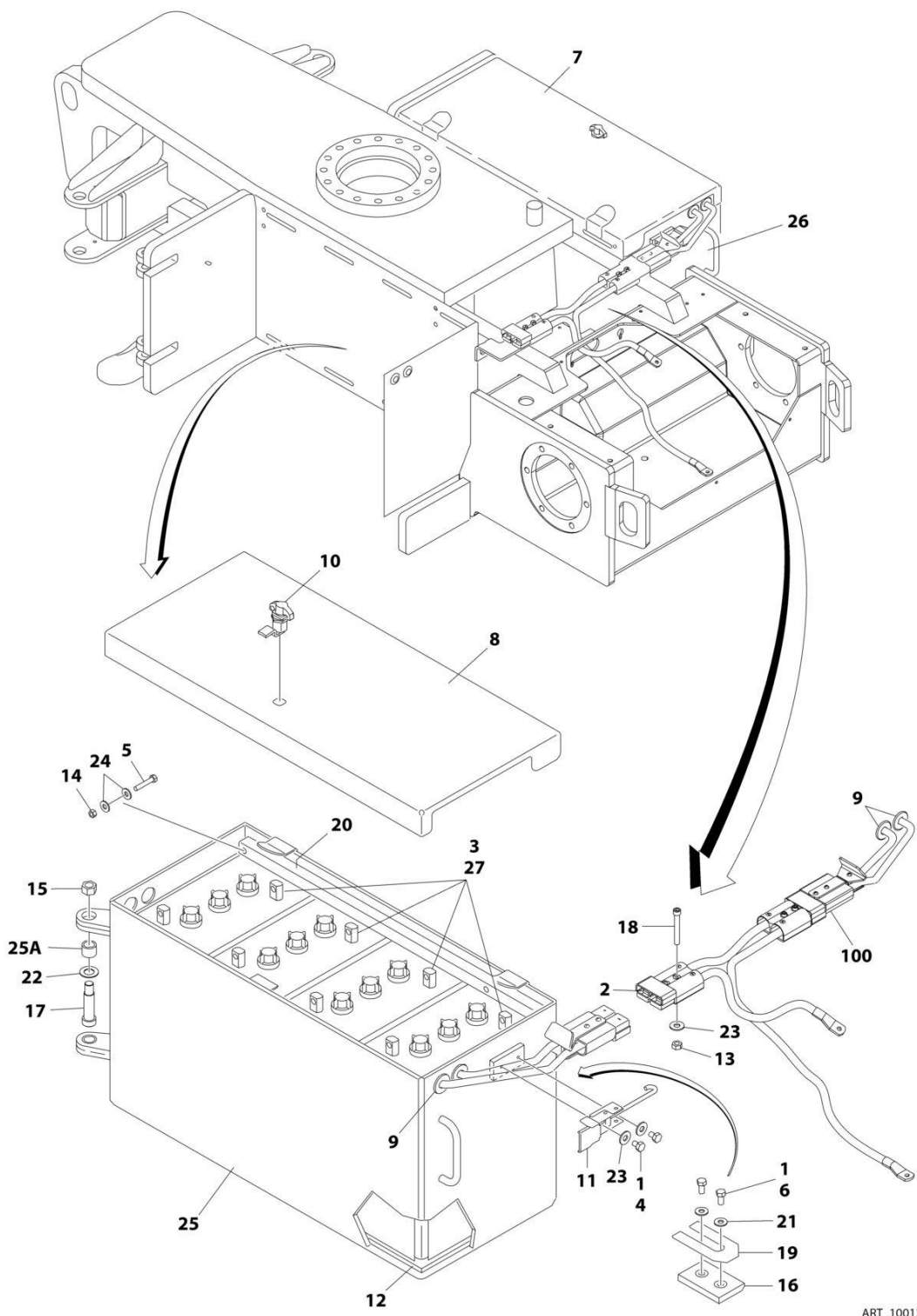
## SECTION 1 - FRAME

**FIGURE 1-9. BATTERY INSTALLATION - 305AH BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001177627  | Ref | BATTERY INSTALLATION - 305AH BATTERIES                           | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                |     |
| 2    | 0100048     | AR  | Grease, Dielectric                                               |     |
| 3    | 0100051     | AR  | Grease, Battery Terminal                                         |     |
| 4    | 0641403     | 4   | Bolt 1/4 x 3/8                                                   |     |
| 5    | 0641514     | 4   | Bolt 5/16 x 1-3/4                                                |     |
| 6    | 0641606     | 4   | Bolt 3/8 x 3/4                                                   |     |
| 7    | 1670878     | 1   | Cover (Right)                                                    |     |
| 8    | 1670890     | 1   | Cover (Left)                                                     |     |
| 9    | 2540020     | 4   | Grommet                                                          |     |
| 10   | 2940073     | 2   | Latch                                                            |     |
| 11   | 2940114     | 2   | Latch                                                            |     |
| 12   | 3000003     | 2   | Liner                                                            |     |
| 13   | 3311401     | 4   | Nut 1/4                                                          |     |
| 14   | 3311505     | 4   | Nut 5/16                                                         |     |
| 15   | 3312005     | 4   | Nut 5/8                                                          |     |
| 16   | 3340852     | 2   | Pad                                                              |     |
| 17   | 3900266     | 4   | Screw                                                            |     |
| 18   | 3931430     | 4   | Capscrew 1/4 x 1-7/8                                             |     |
| 19   | 4567739     | 2   | Tube                                                             |     |
| 20   | 4711600     | 4   | Washer 3/8                                                       |     |
| 21   | 4740086     | 8   | Thrustwasher                                                     |     |
| 22   | 4751400     | 8   | Washer 1/4                                                       |     |
| 23   | 4751500     | AR  | Washer 5/16                                                      |     |
| 24   | 4845923     | 1   | Box, Battery (Left)                                              |     |
| 24A  | 0962233     | 2   | Bushing                                                          |     |
| 25   | 4845924     | 1   | Box, Battery (Right)                                             |     |
| 25A  | 0962233     | 2   | Bushing (Not Shown)                                              |     |
| 26   | 1001105091  | 8   | Battery (6V-305-S)                                               |     |
| 30   | 4070904     | 2   | Shim                                                             |     |
| 100  | 1001194946  | 1   | Battery Cable Kit (See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 1-10. BATTERY INSTALLATION - 305AH BATTERIES (UL SPECS) (SN 0300226252 through 0300272206)



ART\_1001212371



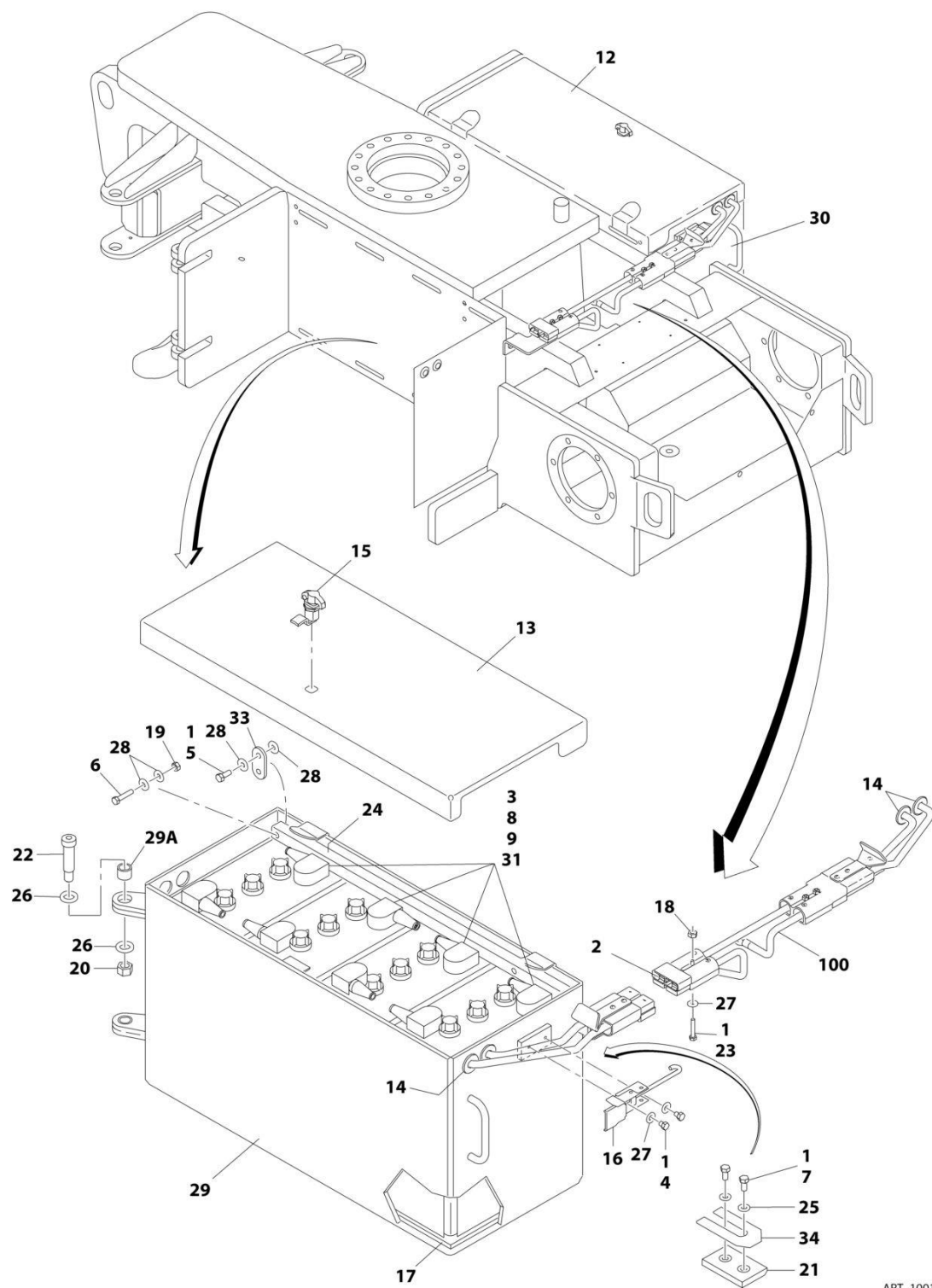
## SECTION 1 - FRAME

**FIGURE 1-10. BATTERY INSTALLATION - 305AH BATTERIES (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001212371  | Ref | BATTERY INSTALLATION - 305AH BATTERIES (UL SPECS)                | A   |
| 1    | 0100011     | AR  | Compound, Locking                                                |     |
| 2    | 0100048     | AR  | Grease, Dielectric                                               |     |
| 3    | 0100051     | AR  | Grease, Battery Terminal                                         |     |
| 4    | 0641403     | 4   | Bolt 1/4 x 3/8                                                   |     |
| 5    | 0641514     | 4   | Bolt 5/16 x 1-3/4                                                |     |
| 6    | 0641606     | 4   | Bolt 3/8 x 3/4                                                   |     |
| 7    | 1670878     | 1   | Cover (Right)                                                    |     |
| 8    | 1670890     | 1   | Cover (Left)                                                     |     |
| 9    | 2540020     | 4   | Grommet                                                          |     |
| 10   | 2940073     | 2   | Latch                                                            |     |
| 11   | 2940114     | 2   | Latch                                                            |     |
| 12   | 3000003     | 2   | Liner                                                            |     |
| 13   | 3311401     | 4   | Nut 1/4                                                          |     |
| 14   | 3311505     | 4   | Nut 5/16                                                         |     |
| 15   | 3312005     | 4   | Nut 5/8                                                          |     |
| 16   | 3340852     | 2   | Pad                                                              |     |
| 17   | 3900266     | 4   | Screw                                                            |     |
| 18   | 3931430     | 4   | Capscrew 1/4 x 1-7/8                                             |     |
| 19   | 4070904     | 2   | Shim                                                             |     |
| 20   | 4567739     | 2   | Tube                                                             |     |
| 21   | 4711600     | 4   | Washer 3/8                                                       |     |
| 22   | 4740086     | 4   | Thrustwasher                                                     |     |
| 23   | 4751400     | 8   | Washer 1/4                                                       |     |
| 24   | 4751500     | 8   | Washer 5/16                                                      |     |
| 25   | 4845923     | 1   | Box, Battery (Left)                                              |     |
| 25A  | 0962233     | 2   | Bushing                                                          |     |
| 26   | 4845924     | 1   | Box, Battery (Right)                                             |     |
| 26A  | 0962233     | 2   | Bushing (Not Shown)                                              |     |
| 27   | 1001105091  | 8   | Battery (6V-305-S)                                               |     |
| 100  | 1001212376  | 1   | Battery Cable Kit (See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 1-11. BATTERY INSTALLATION - 305AH AGM BATTERIES



ART\_1001177590

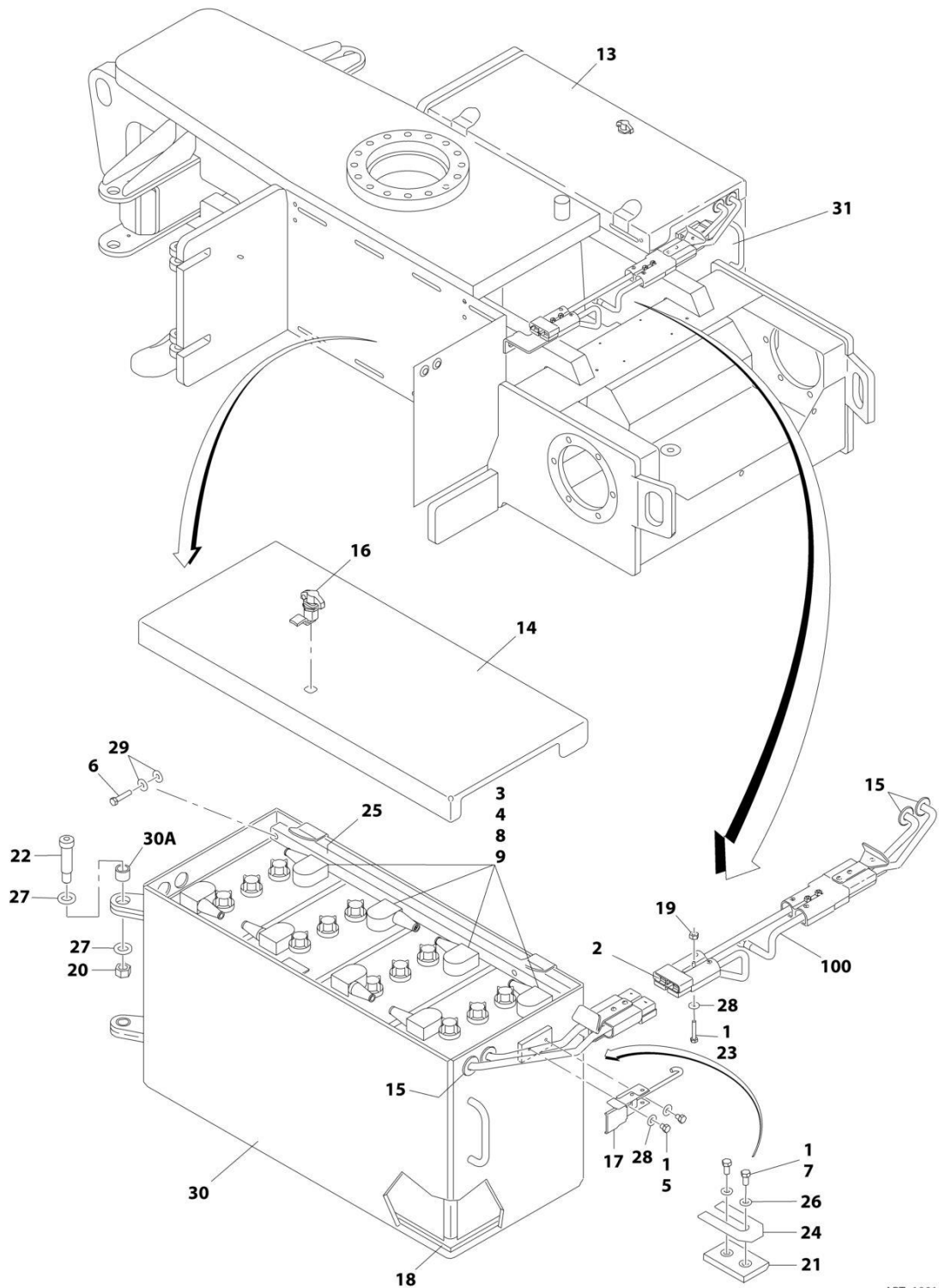
## SECTION 1 - FRAME

**FIGURE 1-11. BATTERY INSTALLATION - 305AH AGM BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001177590  | Ref | BATTERY INSTALLATION - 305AH AGM BATTERIES                       | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                |     |
| 2    | 0100048     | AR  | Grease, Dielectric                                               |     |
| 3    | 0100051     | AR  | Grease, Battery Terminal                                         |     |
| 4    | 0641403     | 4   | Bolt 1/4 x 3/8                                                   |     |
| 5    | 0641505     | 4   | Bolt 5/16 x 5/8                                                  |     |
| 6    | 0641514     | 4   | Bolt 5/16 x 1-3/4                                                |     |
| 7    | 0641606     | 4   | Bolt 3/8 x 3/4                                                   |     |
| 8    | 0840031     | 7   | Boot, Terminal ("d" Shaped)                                      |     |
| 9    | 0840032     | 9   | Boot, Terminal ("b" Shaped)                                      |     |
| 12   | 1670878     | 1   | Cover (Right)                                                    |     |
| 13   | 1670890     | 1   | Cover (Left)                                                     |     |
| 14   | 2540020     | 4   | Grommet                                                          |     |
| 15   | 2940073     | 2   | Latch                                                            |     |
| 16   | 2940114     | 2   | Latch                                                            |     |
| 17   | 3000003     | 2   | Liner                                                            |     |
| 18   | 3311401     | 4   | Nut 1/4                                                          |     |
| 19   | 3311505     | 4   | Nut 5/16                                                         |     |
| 20   | 3312005     | 4   | Nut 5/8                                                          |     |
| 21   | 3340852     | 2   | Pad                                                              |     |
| 22   | 3900266     | 4   | Screw                                                            |     |
| 23   | 3931430     | 4   | Capscrew 1/4 x 1-7/8                                             |     |
| 24   | 4567739     | 2   | Tube                                                             |     |
| 25   | 4711600     | 4   | Washer 3/8                                                       |     |
| 26   | 4740086     | 8   | Thrustwasher                                                     |     |
| 27   | 4751400     | 8   | Washer 1/4                                                       |     |
| 28   | 4751500     | AR  | Washer 5/16                                                      |     |
| 29   | 4845923     | 1   | Box, Battery (Left)                                              |     |
| 29A  | 0962233     | 2   | Bushing                                                          |     |
| 30   | 4845924     | 1   | Box, Battery (Right)                                             |     |
| 30A  | 0962233     | 2   | Bushing (Not Shown)                                              |     |
| 31   | 1001114782  | 8   | Battery (6V-305AH-AGM)                                           |     |
| 33   | 1001116006  | 4   | Bracket                                                          |     |
| 34   | 4070904     | 2   | Shim                                                             |     |
| 100  | 1001194945  | 1   | Battery Cable kit (See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 1-12. BATTERY INSTALLATION - 375AH/706HD BATTERIES



ART\_1001177626

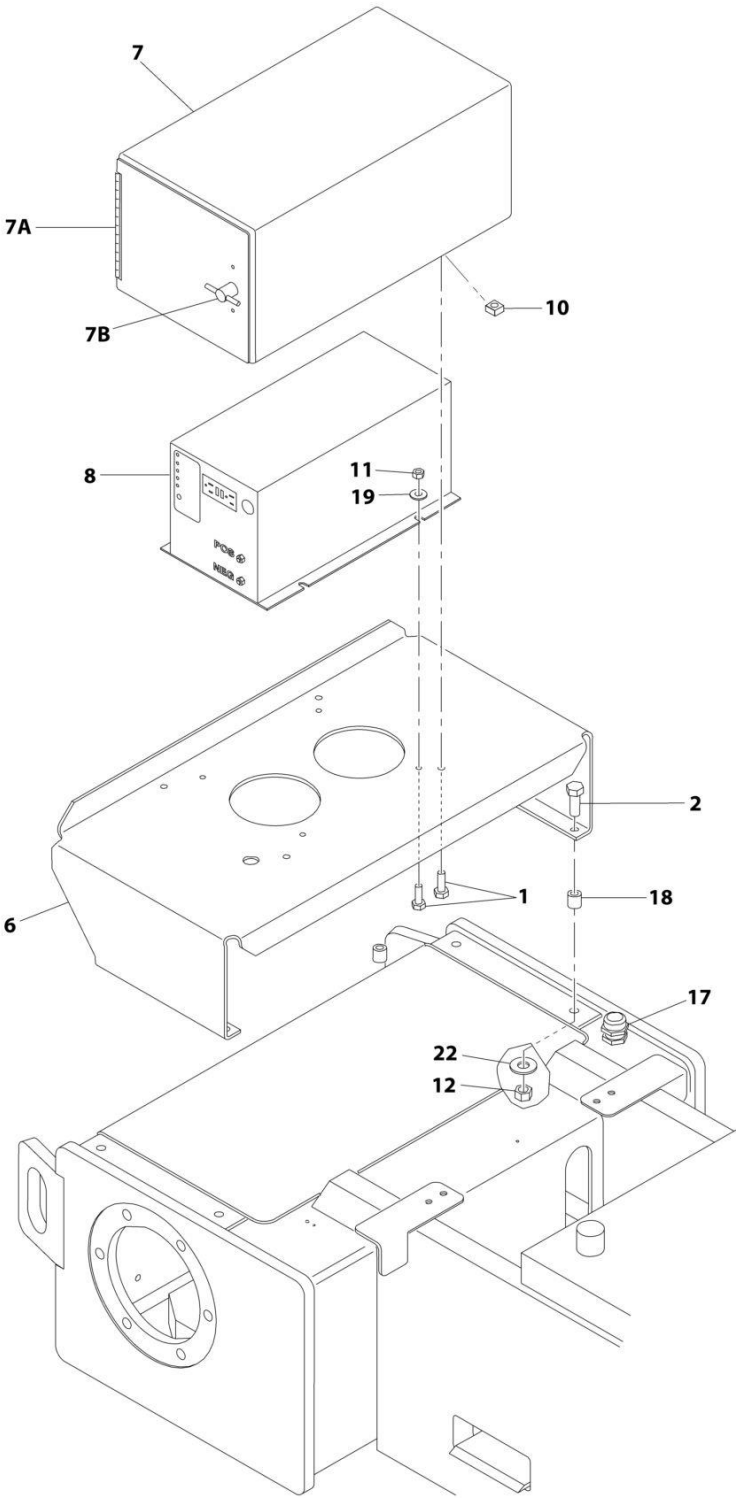
## SECTION 1 - FRAME

**FIGURE 1-12. BATTERY INSTALLATION - 375AH/706HD BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001177626  | Ref | BATTERY INSTALLATION - 375AH/706HD BATTERIES                     | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                |     |
| 2    | 0100048     | AR  | Grease, Dielectric                                               |     |
| 3    | 0100051     | AR  | Grease, Battery Terminal                                         |     |
| 4    | 0400055     | 8   | Battery (6V-375AH/706HD)                                         |     |
| 5    | 0641403     | 4   | Bolt 1/4 x 3/8                                                   |     |
| 6    | 0641512     | 4   | Bolt 5/16 x 1-1/2                                                |     |
| 7    | 0641606     | 4   | Bolt 3/8 x 3/4                                                   |     |
| 8    | 0840031     | 9   | Boot, Terminal ("d" Shaped)                                      |     |
| 9    | 0840032     | 7   | Boot, Terminal ("b" Shaped)                                      |     |
| 13   | 1670878     | 1   | Cover (Right)                                                    |     |
| 14   | 1670890     | 1   | Cover (Left)                                                     |     |
| 15   | 2540020     | 4   | Grommet                                                          |     |
| 16   | 2940073     | 2   | Latch                                                            |     |
| 17   | 2940114     | 2   | Latch                                                            |     |
| 18   | 3000003     | 2   | Liner                                                            |     |
| 19   | 3311401     | 4   | Nut 1/4                                                          |     |
| 20   | 3312005     | 4   | Nut 5/8                                                          |     |
| 21   | 3340852     | 2   | Pad                                                              |     |
| 22   | 3900266     | 4   | Screw                                                            |     |
| 23   | 3931430     | 4   | Capscrew 1/4 x 1-7/8                                             |     |
| 24   | 4070904     | 2   | Shim                                                             |     |
| 25   | 4567739     | 2   | Tube                                                             |     |
| 26   | 4711600     | 4   | Washer 3/8                                                       |     |
| 27   | 4740086     | 8   | Thrustwasher                                                     |     |
| 28   | 4751400     | 8   | Washer 1/4                                                       |     |
| 29   | 4751500     | AR  | Washer 5/16                                                      |     |
| 30   | 4845923     | 1   | Box, Battery (Left)                                              |     |
| 30A  | 0962233     | 2   | Bushing                                                          |     |
| 31   | 4845924     | 1   | Box, Battery (Right)                                             |     |
| 31A  | 0962233     | 2   | Bushing (Not Shown)                                              |     |
| 100  | 1001194947  | 1   | Battery Cable Kit (See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 1-13. INVERTER INSTALLATION - OPTIONAL



ART\_1001195501

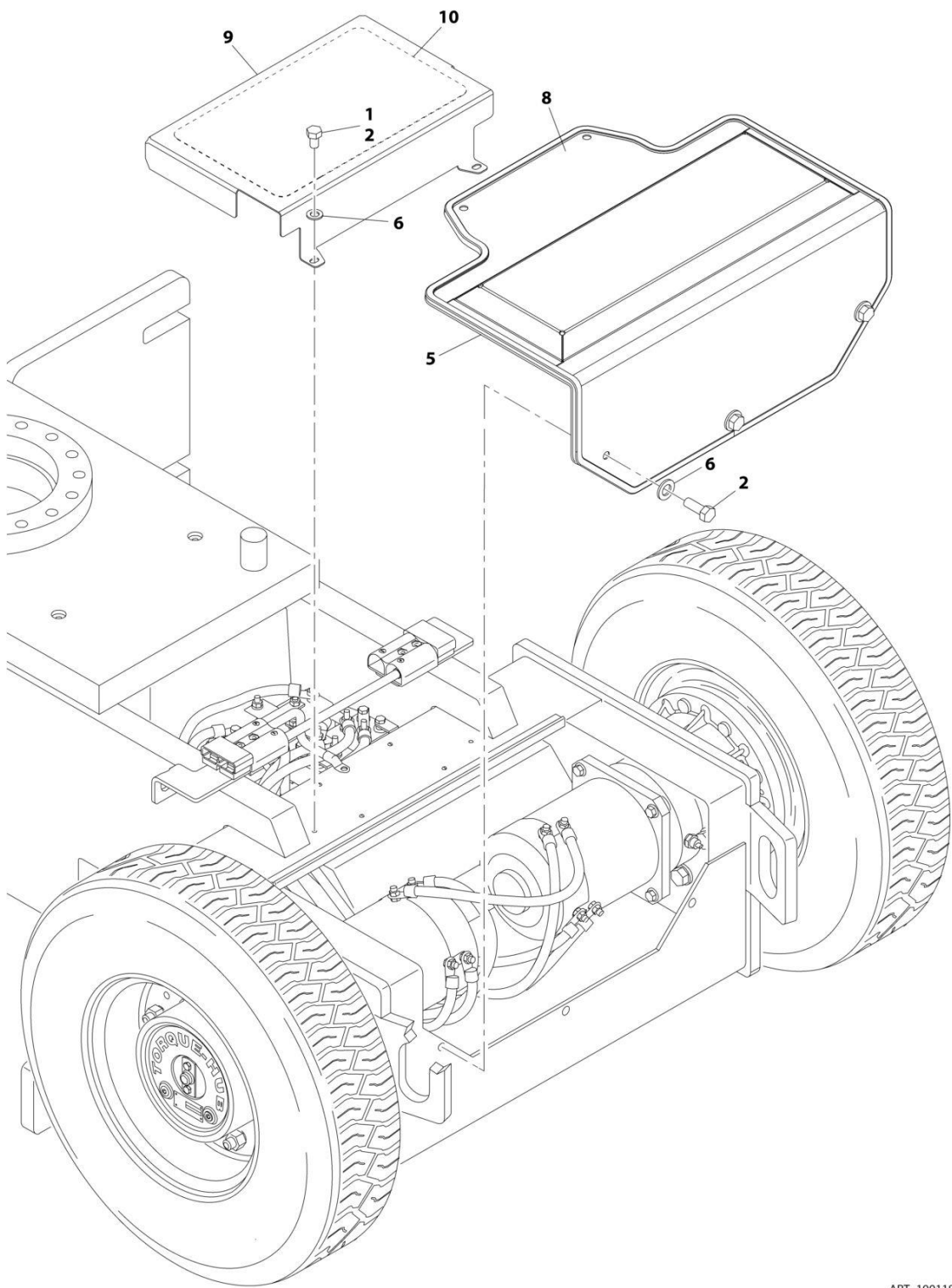
## SECTION 1 - FRAME

**FIGURE 1-13. INVERTER INSTALLATION - OPTIONAL**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                 | REV |
|------|-------------|-----|-----------------------------------------------------------------------------|-----|
|      | 1001195501  | Ref | INVERTER INSTALLATION - OPTIONAL                                            | D   |
| 1    | 0641406     | 8   | Bolt 1/4 x 3/4                                                              |     |
| 2    | 0641618     | 4   | Bolt 3/8 x 2-1/4                                                            |     |
| 3    | 1060494     | AR  | Cable, Electrical - 12/3 (Not Shown)                                        |     |
| 4    | 1060801     | 1   | Cable, Inverter Positive (Not Shown)                                        |     |
| 5    | 1060802     | 1   | Cable, Inverter Negative (Not Shown)                                        |     |
| 6    | 1271463     | 1   | Channel, Mounting                                                           |     |
| 7    | 1670953     | 1   | Cover                                                                       |     |
| 7A   | 2600103     | 1   | Hinge (Welded on Part)                                                      |     |
| 7B   | 2940048     | 1   | Latch                                                                       |     |
| 8    | 2460037     | 1   | Inverter/Generator Assembly                                                 |     |
| 10   | 3300353     | 4   | Nut, Tinnerman                                                              |     |
| 11   | 3311405     | 4   | Nut 1/4                                                                     |     |
| 12   | 3311605     | 4   | Nut 3/8                                                                     |     |
| 15   | 4460134     | 1   | Connector, Female Twist Lock (Not Shown)                                    |     |
| 16   | 4460138     | 1   | Plug, Male (Not Shown)                                                      |     |
| 17   | 4460426     | 1   | Connector, Strain Relief                                                    |     |
| 18   | 4568165     | 4   | Spacer, Tube                                                                |     |
| 19   | 4751400     | 4   | Washer 1/4                                                                  |     |
| 21   | 1001192293  | 1   | Inverter Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) |     |
| 22   | 4751600     | 4   | Washer 3/8                                                                  |     |

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FIGURE 1-14. FRAME COVERS INSTALLATION



ART\_1001181936



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**FIGURE 1-14. FRAME COVERS INSTALLATION**

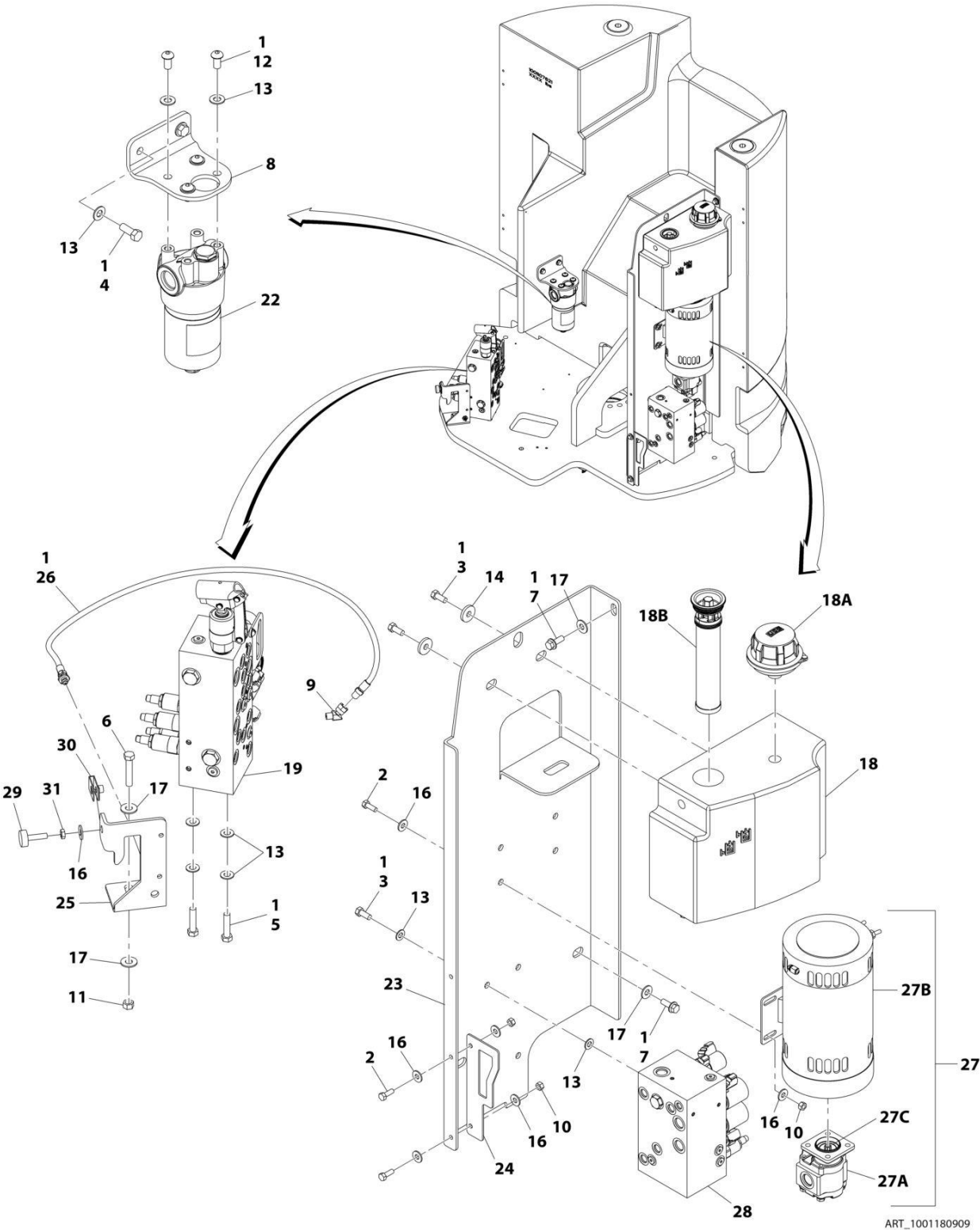
| ITEM | PART NUMBER | QTY        | DESCRIPTION               | REV |
|------|-------------|------------|---------------------------|-----|
|      | 1001181936  | Ref        | FRAME COVERS INSTALLATION | D   |
| 1    | 0100011     | AR         | Compound, Locking         |     |
| 2    | 0641606     | 7          | Bolt 3/8 x 3/4            |     |
| 5    | 3960447     | 63 in/1.6m | Seal                      |     |
| 6    | 4711600     | 7          | Washer 3/8                |     |
| 8    | 1001181643  | 1          | Cover, Rear Axle          |     |
| 9    | 1001181644  | 1          | Cover, Contactor          |     |
| 10   | 1001195457  | 1          | Decal - Cable Routing     |     |



**SECTION 2 - TURNTABLE**

SECTION 2 - TURNTABLE

FIGURE 2-1. VALVES, TANK AND MOTOR INSTALLATION - E300AJ



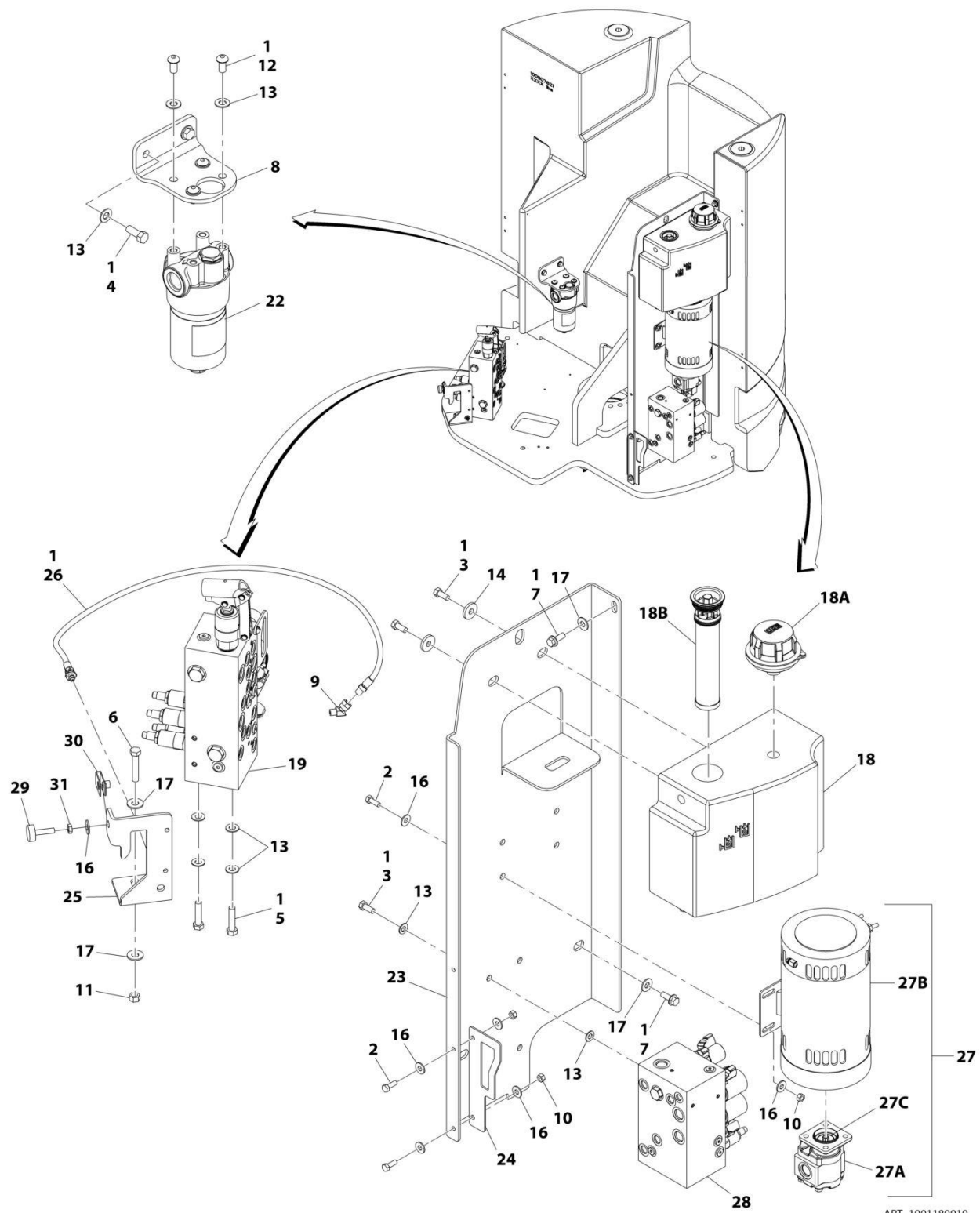
## SECTION 2 - TURNTABLE

**FIGURE 2-1. VALVES, TANK AND MOTOR INSTALLATION - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------|-----|
|      | 1001180909  | Ref | VALVES, TANK AND MOTOR INSTALLATION - E300AJ                                                                   | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                                                              |     |
| 2    | 0641507     | 6   | Bolt 5/16 x 7/8                                                                                                |     |
| 3    | 0641607     | 5   | Bolt 3/8 x 7/8                                                                                                 |     |
| 4    | 0641608     | 2   | Bolt 3/8 x 1                                                                                                   |     |
| 5    | 0641613     | 4   | Bolt 3/8 x 1-5/8                                                                                               |     |
| 6    | 0641616     | 1   | Bolt 3/8 x 2                                                                                                   |     |
| 7    | 0811608     | 3   | Screw 3/8 x 1                                                                                                  |     |
| 8    | 0903530     | 1   | Bracket, Filter Mounting                                                                                       |     |
| 9    | 2220124     | 1   | Fitting, 45 NPT                                                                                                |     |
| 10   | 3311505     | 6   | Nut 5/16                                                                                                       |     |
| 11   | 3311605     | 1   | Nut 3/8                                                                                                        |     |
| 12   | 3900283     | 4   | Screw 3/8 x 3/4                                                                                                |     |
| 13   | 4711600     | 20  | Washer 3/8                                                                                                     |     |
| 14   | 4740308     | 2   | Washer                                                                                                         |     |
| 16   | 4751500     | 13  | Washer 5/16                                                                                                    |     |
| 17   | 4751600     | 5   | Washer 3/8                                                                                                     |     |
| 18   | 1001109126  | 1   | Hydraulic Tank Assembly                                                                                        |     |
| 18A  | 70002526    | 1   | Breather                                                                                                       |     |
| 18B  | 70002525    | 1   | Filter                                                                                                         |     |
| 19   | 1001109447  | 1   | Boom Valve Assembly (See Separate Breakdown in this Section)                                                   |     |
| 22   | 1001162882  | 1   | Filter, High Pressure                                                                                          |     |
| 22   | 70004228    | 1   | Element, Filter                                                                                                |     |
| 23   | 1001164642  | 1   | Plate, Hydraulic Tray                                                                                          |     |
| 24   | 1001164643  | 1   | Plate, Clamp Holder                                                                                            |     |
| 25   | 1001164706  | 1   | Plate, Latch                                                                                                   |     |
| 26   | 1001174991  | 1   | Hose                                                                                                           |     |
| 27   | 1001175351  | 1   | Pump (Spline Shaft) Electric Motor Assembly ( <b>SN 0300211844 through 0300237352</b> )                        |     |
| 27   |             | Ref | Note: When replacing pump or motor/pump assembly, refer to Service Manual for initial pump start up procedure. |     |
| 27A  | 1001175349  | 1   | Pump                                                                                                           |     |
| 27C  | 3020037     | 1   | Lube, Coupling Grease                                                                                          |     |
| 27   | 1001227665  | 1   | Pump (Spline Shaft) Electric Motor Assembly ( <b>SN 0300237353 through 0300272206</b> )                        |     |
| 27   |             | Ref | Note: When replacing pump or motor/pump assembly, refer to Service Manual for initial pump start up procedure. |     |
| 27A  | 1001230634  | 1   | Pump                                                                                                           |     |
| 27A  | 70006345    | 1   | Mounting Kit (Includes (4) Screws, (4) Washers & (1) Gasket)                                                   |     |
| 27B  | 1001175350  | 1   | Motor                                                                                                          |     |
| 27C  | 3020037     | 1   | Lube, Coupling Grease                                                                                          |     |
| 27B  | 1001175350  | 1   | Motor                                                                                                          |     |
| 28   | 1001177363  | 1   | Main Valve Assembly (See Separate Breakdown in this Section)                                                   |     |
| 29   | 0940049     | 1   | Stopper                                                                                                        |     |
| 30   | 88662523    | 1   | Nut, Tinnerman                                                                                                 |     |
| 31   | 3311502     | 1   | Nut 5/16                                                                                                       |     |

## SECTION 2- TURNTABLE

**FIGURE 2-2. VALVES, TANK AND MOTOR INSTALLATION - E300AJP**



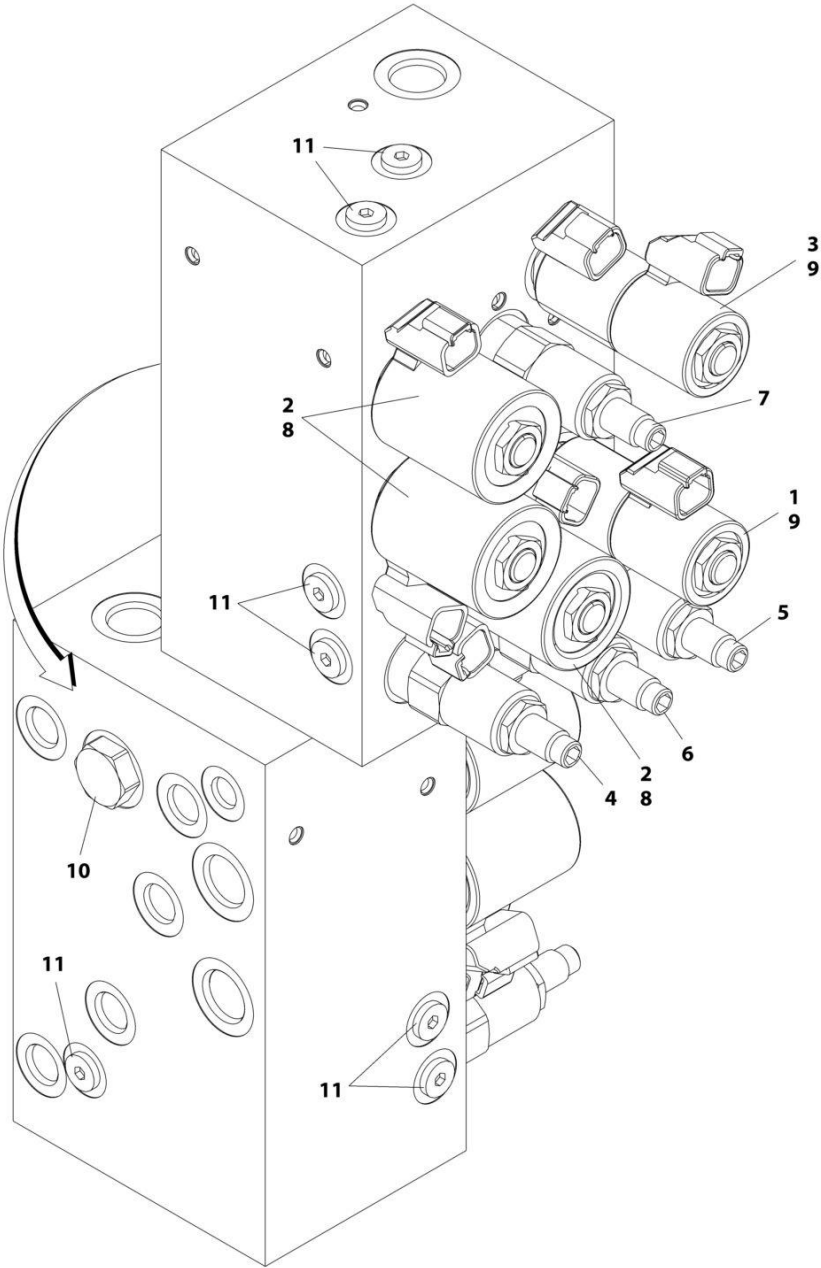
## SECTION 2 - TURNTABLE

**FIGURE 2-2. VALVES, TANK AND MOTOR INSTALLATION - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------|-----|
|      | 1001180910  | Ref | VALVES, TANK AND MOTOR INSTALLATION - E300AJP                                                                  | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                                                              |     |
| 2    | 0641507     | 6   | Bolt 5/16 x 7/8                                                                                                |     |
| 3    | 0641607     | 5   | Bolt 3/8 x 7/8                                                                                                 |     |
| 4    | 0641608     | 2   | Bolt 3/8 x 1                                                                                                   |     |
| 5    | 0641613     | 4   | Bolt 3/8 x 1-5/8                                                                                               |     |
| 6    | 0641616     | 1   | Bolt 3/8 x 2                                                                                                   |     |
| 7    | 0811608     | 3   | Screw 3/8 x 1                                                                                                  |     |
| 8    | 0903530     | 1   | Bracket, Filter Mounting                                                                                       |     |
| 9    | 2220124     | 1   | Fitting, 45 NPT                                                                                                |     |
| 10   | 3311505     | 6   | Nut 5/16                                                                                                       |     |
| 11   | 3311605     | 1   | Nut 3/8                                                                                                        |     |
| 12   | 3900283     | 4   | Screw 3/8 x 3/4                                                                                                |     |
| 13   | 4711600     | 20  | Washer 3/8                                                                                                     |     |
| 14   | 4740308     | 2   | Washer                                                                                                         |     |
| 16   | 4751500     | 13  | Washer 5/16                                                                                                    |     |
| 17   | 4751600     | 5   | Washer 3/8                                                                                                     |     |
| 18   | 1001109126  | 1   | Hydraulic Tank Assembly                                                                                        |     |
| 18A  | 70002526    | 1   | Breather                                                                                                       |     |
| 18B  | 70002525    | 1   | Filter                                                                                                         |     |
| 19   | 1001109446  | 1   | Boom Valve Assembly (See BOOM VALVE ASSEMBLY for Breakdown)                                                    |     |
| 22   | 1001162882  | 1   | Filter, High Pressure                                                                                          |     |
| 22   | 70004228    | 1   | Element, Filter                                                                                                |     |
| 23   | 1001164642  | 1   | Plate, Hydraulic Tray                                                                                          |     |
| 24   | 1001164643  | 1   | Plate, Clamp Holder                                                                                            |     |
| 25   | 1001164706  | 1   | Plate, Latch                                                                                                   |     |
| 26   | 1001174991  | 1   | Hose                                                                                                           |     |
| 27   | 1001175351  | 1   | Pump (Spline Shaft) Electric Motor Assembly ( <b>SN 0300211844 through 0300237352</b> )                        |     |
| 27   |             | Ref | Note: When replacing pump or motor/pump assembly, refer to Service Manual for initial pump start up procedure. |     |
| 27A  | 1001175349  | 1   | Pump                                                                                                           |     |
| 27B  | 1001175350  | 1   | Motor                                                                                                          |     |
| 27C  | 3020037     | AR  | Lube, Coupling Grease                                                                                          |     |
| 27   | 1001227665  | 1   | Pump (Spline Shaft) Electric Motor Assembly ( <b>SN 0300237353 through 0300272206</b> )                        |     |
| 27   |             | Ref | Note: When replacing pump or motor/pump assembly, refer to Service Manual for initial pump start up procedure. |     |
| 27A  | 1001230634  | 1   | Pump                                                                                                           |     |
| 27A  | 70006345    | 1   | Mounting Kit (Includes (4) Screws, (4) Washers & (1) Gasket)                                                   |     |
| 27B  | 1001175350  | 1   | Motor                                                                                                          |     |
| 27C  | 3020037     | 1   | Lube, Coupling Grease                                                                                          |     |
| 28   | 1001177363  | 1   | Main Valve Assembly (See MAIN VALVE ASSEMBLY for Breakdown)                                                    |     |
| 29   | 0940049     | 1   | Stopper                                                                                                        |     |
| 30   | 88662523    | 1   | Nut, Tinnerman                                                                                                 |     |
| 31   | 3311502     | 1   | Nut 5/16                                                                                                       |     |

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FIGURE 2-3. MAIN VALVE ASSEMBLY



ART\_1001177363



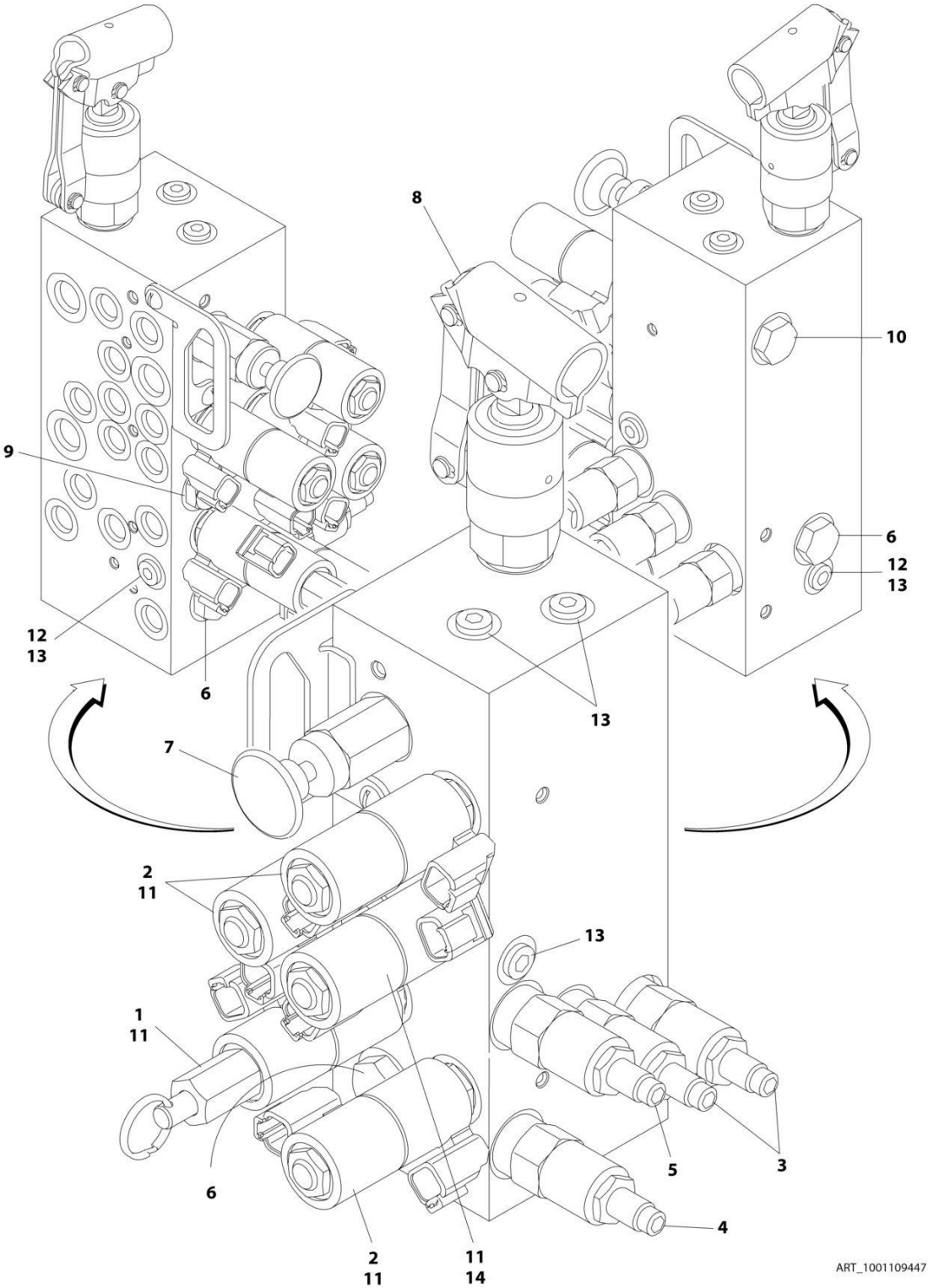
## SECTION 2 - TURNTABLE

**FIGURE 2-3. MAIN VALVE ASSEMBLY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                 | REV |
|------|-------------|-----|-------------------------------------------------------------|-----|
|      | 1001177363  | Ref | MAIN VALVE ASSEMBLY                                         | B   |
| 1    | 7017433     | 1   | Cartridge, Solenoid Valve (Steer Direction)                 |     |
| 1    | 7017402     | 1   | Seal Kit - 7017433 Cartridge                                |     |
| 2    | 70002401    | 3   | Cartridge, Solenoid (Flow Control/Main and Tower Lift Dump) |     |
| 2    | 7017496     | 3   | Seal Kit - 70002401 Cartridge                               |     |
| 3    | 70002402    | 1   | Cartridge, Solenoid (Swing)                                 |     |
| 3    | 7017402     | 1   | Seal Kit - 70002402 Cartridge                               |     |
| 4    | 70002403    | 1   | Cartridge, Relief Valve (Main)                              |     |
| 4    | 7012972     | 1   | Seal Kit - 70002403 Cartridge                               |     |
| 5    | 7017489     | 1   | Cartridge, Relief Valve (Steer)                             |     |
| 5    | 7012998     | 1   | Seal Kit - 7017489 Cartridge                                |     |
| 6    | 7017488     | 1   | Cartridge, Relief Valve (Steer)                             |     |
| 6    | 7012998     | 1   | Seal Kit - 7017488 Cartridge                                |     |
| 7    | 70002404    | 1   | Cartridge, Relief Valve (Swing)                             |     |
| 7    | 7012998     | 1   | Seal Kit - 70002404 Cartridge                               |     |
| 8    | 7024883     | 3   | Coil                                                        |     |
| 9    | 7024885     | 4   | Coil                                                        |     |
| 10   | 7010542     | 1   | Cartridge, Load Shuttle (Swing)                             |     |
| 10   | 7010543     | 1   | Seal Kit - 7010542 Cartridge                                |     |
| 11   | 7017406     | AR  | Plug                                                        |     |

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FIGURE 2-4. BOOM VALVE ASSEMBLY - E300AJ



ART\_1001109447

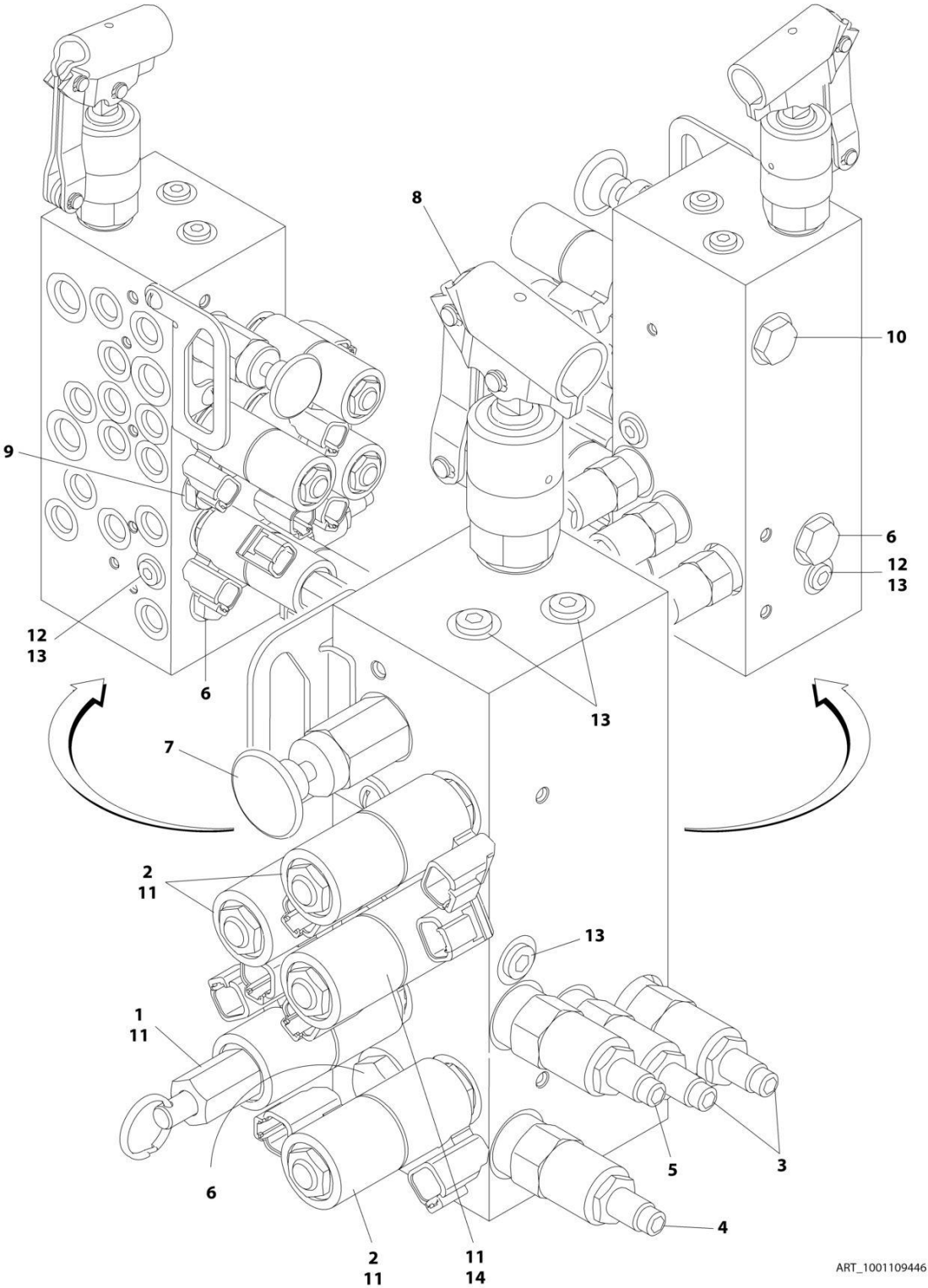
## SECTION 2 - TURNTABLE

**FIGURE 2-4. BOOM VALVE ASSEMBLY - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                     | REV |
|------|-------------|-----|---------------------------------------------------------------------------------|-----|
|      | 1001109447  | Ref | BOOM VALVE ASSEMBLY - E300AJ                                                    | D   |
| 1    | 70002405    | 1   | Cartridge, Solenoid (Jib Lift)                                                  |     |
| 1    | 7017402     | 1   | Seal Kit - 70002405 Cartridge                                                   |     |
| 2    | 7017452     | 3   | Cartridge, Solenoid Valve (Telescope/Platform Rotate/Platform Level and Master) |     |
| 2    | 7017402     | 3   | Seal Kit - 7017452 Cartridge                                                    |     |
| 3    | 7017421     | 2   | Cartridge, Relief Valve (Jib Lift/Platform Level and Master)                    |     |
| 3    | 7012998     | 2   | Seal Kit - 7017421 Cartridge                                                    |     |
| 4    | 7017418     | 1   | Cartridge, Relief Valve (Platform Level and Master)                             |     |
| 4    | 7012998     | 1   | Seal Kit - 7017418 Cartridge                                                    |     |
| 5    | 7017489     | 1   | Cartridge, Relief Valve (Jib Lift)                                              |     |
| 5    | 7012998     | 1   | Seal Kit - 7017489 Cartridge                                                    |     |
| 6    | 7012914     | 2   | Cartridge, Pressure Control Valve                                               |     |
| 6    | 7012918     | 2   | Seal Kit - 7012914 Cartridge                                                    |     |
| 7    | 70002406    | 1   | Cartridge, Manual Control Valve                                                 |     |
| 7    | 7012904     | 1   | Seal Kit - 70002406 Cartridge                                                   |     |
| 7    | 7012959     | 1   | Knob                                                                            |     |
| 8    | 70004019    | 1   | Cartridge, Hand Pump Valve (was p/n 7012694)                                    |     |
| 8    | 7017496     | 1   | Seal Kit - 7012694 Cartridge                                                    |     |
| 8    | 2900756     | 1   | Seal Kit - 70004019 Cartridge                                                   |     |
| 9    | 7022391     | 1   | Cartridge, Check Valve                                                          |     |
| 9    | 7012967     | 1   | Seal Kit - 7022391 Cartridge                                                    |     |
| 10   | 4641129     | 1   | Cartridge, Check Valve                                                          |     |
| 10   | 7012540     | 1   | Seal Kit - 4641129 Cartridge                                                    |     |
| 11   | 7024885     | 10  | Coil                                                                            |     |
| 12   | 70003528    | 2   | Orifice                                                                         |     |
| 13   | 701706      | 8   | Plug                                                                            |     |
| 14   | 7017471     | 1   | Cartridge                                                                       |     |
| 14   | See Note    | NSS | Seal Kit - 7017471 Cartridge (Use p/n 7017471)                                  |     |

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FIGURE 2-5. BOOM VALVE ASSEMBLY - E300AJP



ART\_1001109446

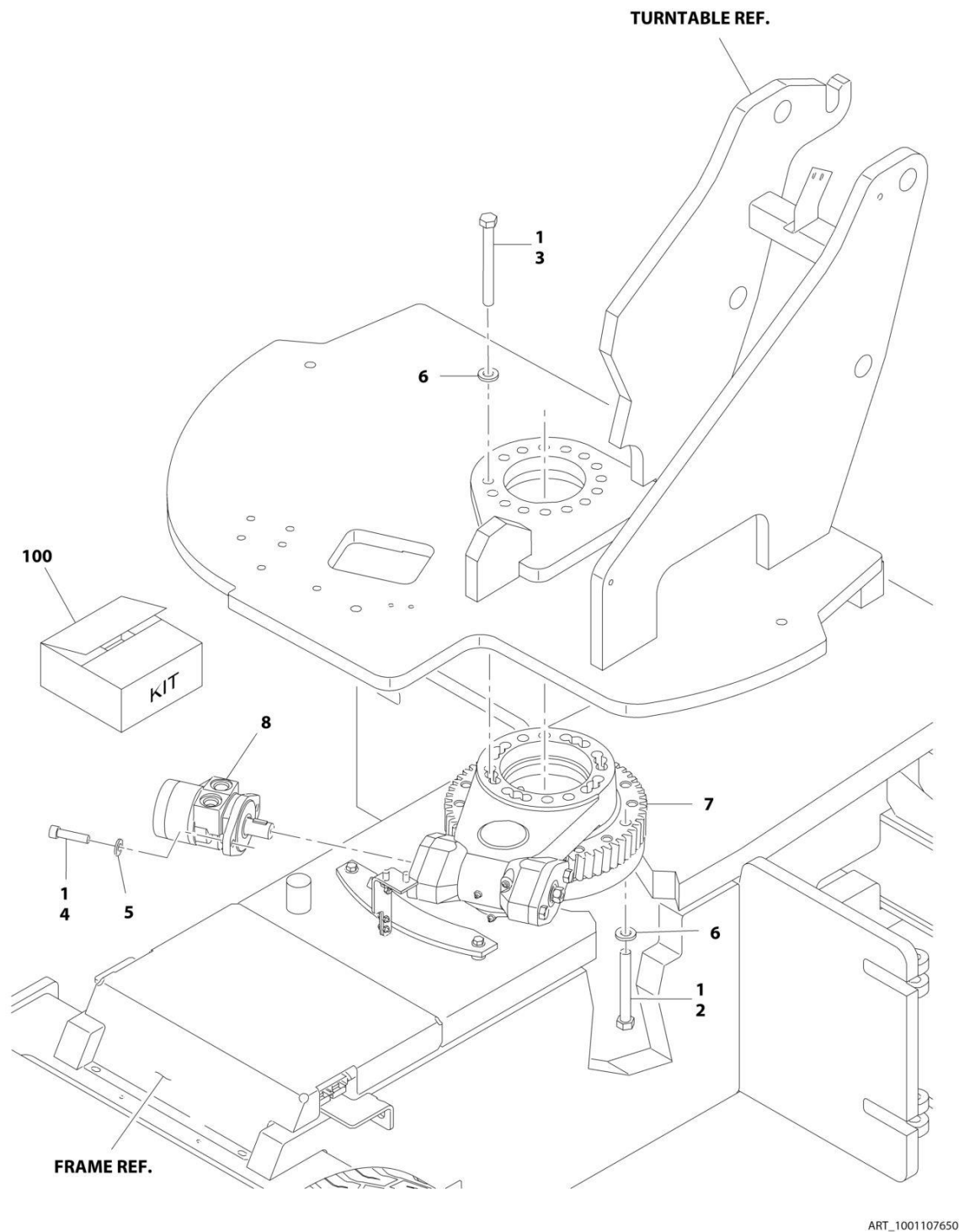
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**FIGURE 2-5. BOOM VALVE ASSEMBLY - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                     | REV |
|------|-------------|-----|---------------------------------------------------------------------------------|-----|
|      | 1001109446  | Ref | BOOM VALVE ASSEMBLY - E300AJP                                                   | D   |
| 1    | 70002405    | 1   | Cartridge, Solenoid (Jib Lift)                                                  |     |
| 1    | 7017402     | 1   | Seal Kit - 70002405 Cartridge                                                   |     |
| 2    | 7017452     | 3   | Cartridge, Solenoid Valve (Telescope/Platform Rotate/Platform Level and Master) |     |
| 2    | 7017402     | 3   | Seal Kit - 7017452 Cartridge                                                    |     |
| 3    | 7017421     | 2   | Cartridge, Relief Valve (Jib Lift/Platform Level and Master)                    |     |
| 3    | 7012998     | 2   | Seal Kit - 7017421 Cartridge                                                    |     |
| 4    | 7017418     | 1   | Cartridge, Relief Valve (Platform Level and Master)                             |     |
| 4    | 7012998     | 1   | Seal Kit - 7017418 Cartridge                                                    |     |
| 5    | 7017489     | 1   | Cartridge, Relief Valve (Jib Lift)                                              |     |
| 5    | 7012998     | 1   | Seal Kit - 7017489 Cartridge                                                    |     |
| 6    | 7012914     | 2   | Cartridge, Pressure Control Valve                                               |     |
| 6    | 7012918     | 2   | Seal Kit - 7012914 Cartridge                                                    |     |
| 7    | 70002406    | 1   | Cartridge, Manual Control Valve                                                 |     |
| 7    | 7012904     | 1   | Seal Kit - 70002406 Cartridge                                                   |     |
| 7    | 7012959     | 1   | Knob                                                                            |     |
| 8    | 70004019    | 1   | Cartridge, Hand Pump Valve (was p/n 7012694)                                    |     |
| 8    | 7017496     | 1   | Seal Kit - 7012694 Cartridge                                                    |     |
| 8    | 2900756     | 1   | Seal Kit - 70004019 Cartridge                                                   |     |
| 9    | 7022391     | 1   | Cartridge, Check Valve                                                          |     |
| 9    | 7012967     | 1   | Seal Kit - 7022391 Cartridge                                                    |     |
| 10   | 4641129     | 1   | Cartridge, Check Valve                                                          |     |
| 10   | 7012540     | 1   | Seal Kit - 4641129 Cartridge                                                    |     |
| 11   | 7024885     | 10  | Coil                                                                            |     |
| 12   | 70003528    | 2   | Orifice                                                                         |     |
| 13   | 701706      | 8   | Plug                                                                            |     |
| 14   | 7017452     | 1   | Cartridge, Solenoid (Jib Rotate)                                                |     |
| 14   | 7017402     | 1   | Seal Kit - 7017452 Cartridge                                                    |     |

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FIGURE 2-6. TURNTABLE BEARING AND SWING DRIVE INSTALLATION - DOHI



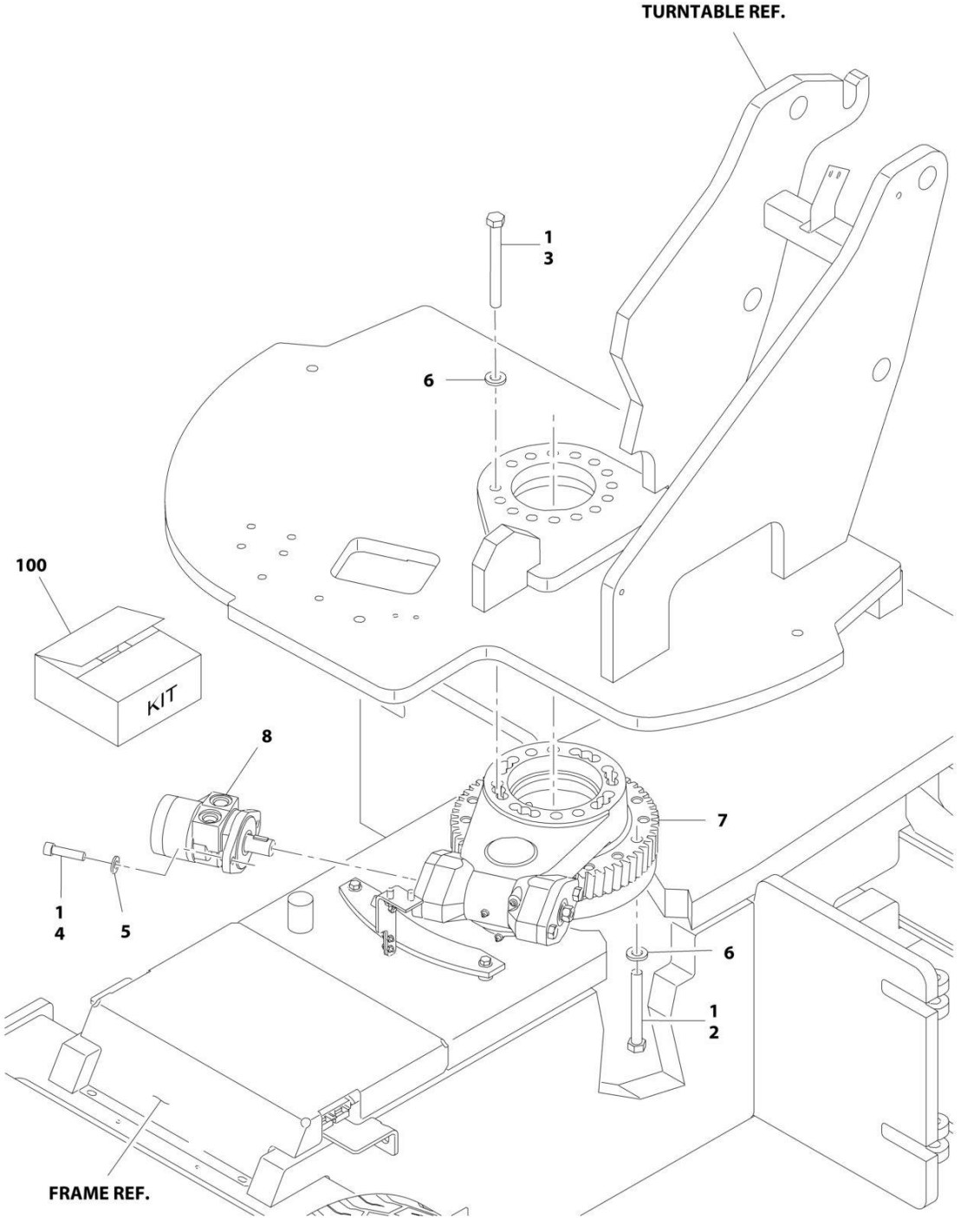
## SECTION 2 - TURNTABLE

**FIGURE 2-6. TURNTABLE BEARING AND SWING DRIVE INSTALLATION - DOHI**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                               | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------|-----|
|      |             | Ref | Note: See Control Valves and Tank/Motor Installations for Remote Bearing Lube Components. | C   |
|      | 1001107650  | Ref | TURNTABLE BEARING AND SWING DRIVE INSTALLATION - DOHI                                     |     |
| 1    | 0100019     | AR  | Compound, Locking                                                                         |     |
| 2    | 0682040     | 16  | Bolt 5/8 x 5 (Grade 8)                                                                    |     |
| 3    | 0682048     | 15  | Bolt 5/8 x 6 (Grade 8)                                                                    |     |
| 4    | 3931832     | 2   | Capscrew 1/2 x 2                                                                          |     |
| 5    | 4740171     | 2   | Washer                                                                                    |     |
| 6    | 4892000     | 31  | Washer 5/8                                                                                |     |
| 7    | 1001103646  | NLA | Turntable Bearing Assembly (Use Item 100) (See TURNTABLE BEARING ASSEMBLY for Breakdown)  |     |
| 8    | 1001107781  | 1   | Swing Motor Assembly (See SWING MOTOR ASSEMBLY for Breakdown)                             |     |
| 100  | 1001160529  | 1   | Turntable Bearing Kit (Includes p/n 1001153013 Bearing, Hardware and Instructions)        |     |

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FIGURE 2-7. TURNTABLE BEARING AND SWING DRIVE INSTALLATION - JING WEI



ART\_1001153362



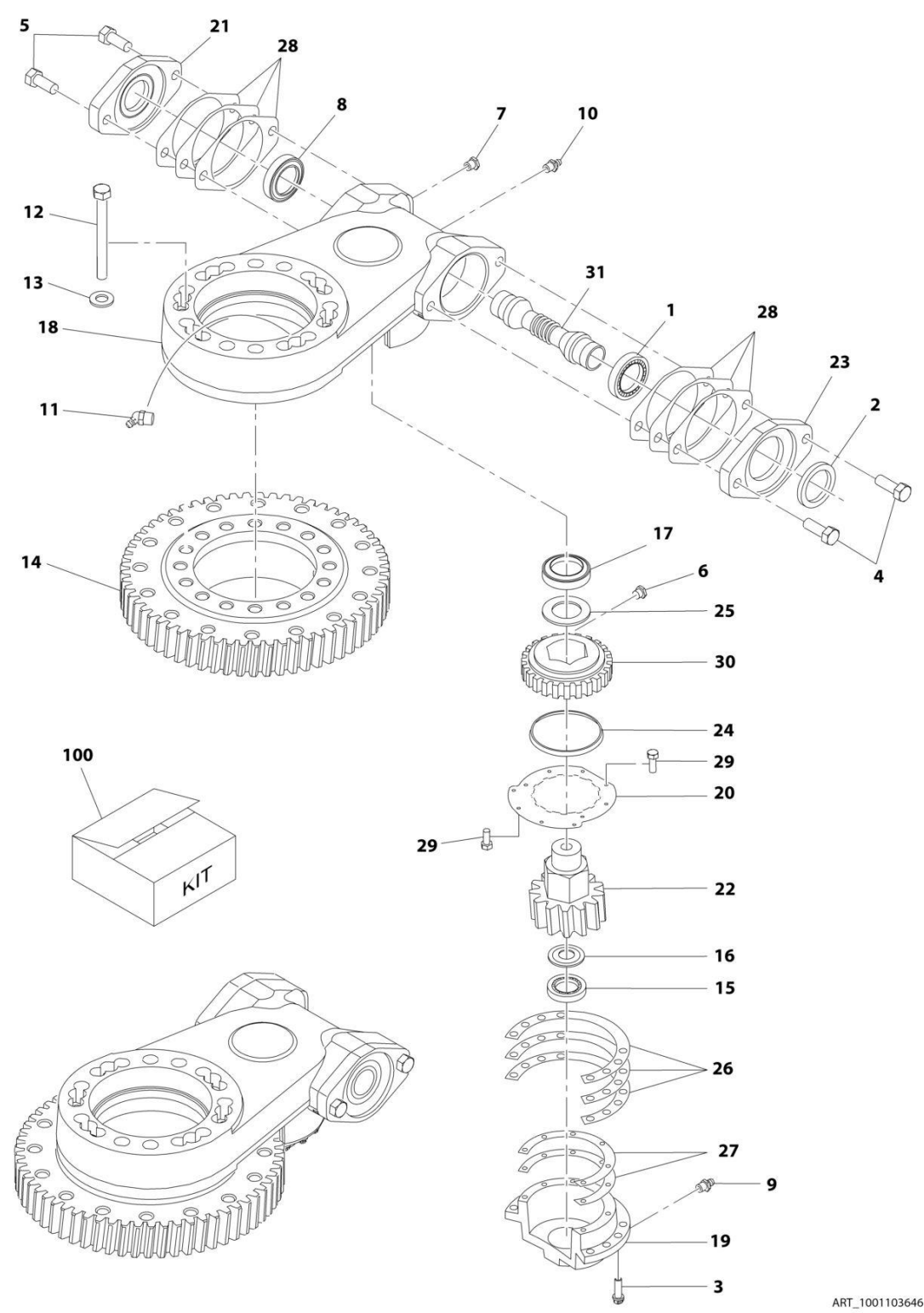
## SECTION 2 - TURNTABLE

**FIGURE 2-7. TURNTABLE BEARING AND SWING DRIVE INSTALLATION - JING WEI**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                               | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------|-----|
|      |             | Ref | Note: See Control Valves and Tank/Motor Installations for Remote Bearing Lube Components. | A   |
|      | 1001153362  | Ref | TURNTABLE BEARING AND SWING DRIVE INSTALLATION - JING WEI                                 |     |
| 1    | 0100019     | AR  | Compound, Locking                                                                         |     |
| 2    | 0682040     | 16  | Bolt 5/8 x 5 (Grade 8)                                                                    |     |
| 3    | 0682048     | 15  | Bolt 5/8 x 6 (Grade 8)                                                                    |     |
| 4    | 3931832     | 2   | Capscrew 1/2 x 2                                                                          |     |
| 5    | 4740171     | 2   | Washer                                                                                    |     |
| 6    | 4892000     | 31  | Washer 5/8                                                                                |     |
| 7    | 1001153013  | 1   | Turntable Bearing Assembly (Use Item 100) (See Separate Breakdown in this Section)        |     |
| 8    | 1001107781  | 1   | Swing Motor Assembly (See Separatae Breakdown in this Section)                            |     |
| 100  | 1001160529  | 1   | Turntable Bearing Kit (Includes p/n 1001153013 Bearing, Hardware and Instructions)        |     |

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FIGURE 2-8. TURNTABLE BEARING ASSEMBLY - DOHI



ART\_1001103646

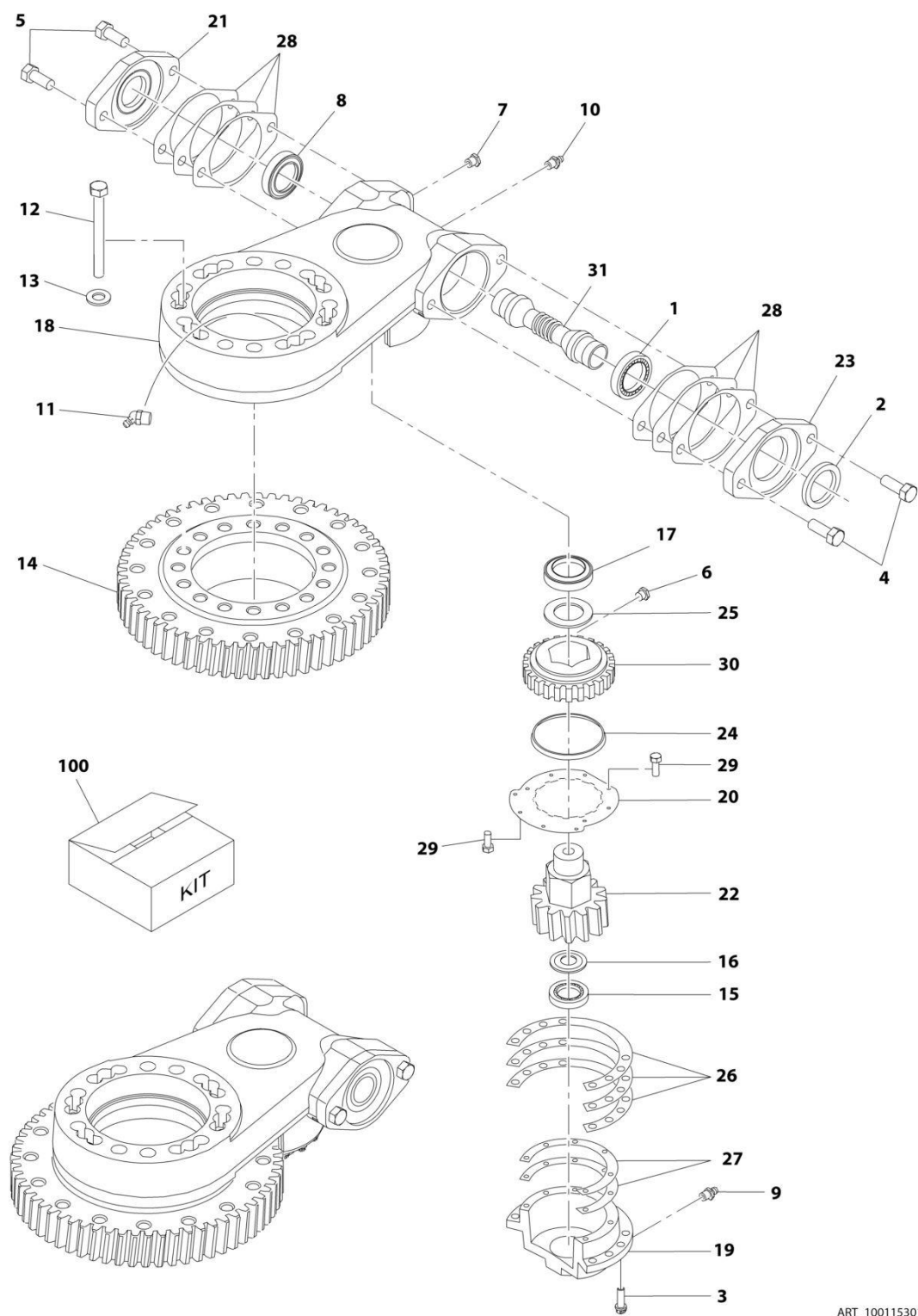
## SECTION 2 - TURNTABLE

**FIGURE 2-8. TURNTABLE BEARING ASSEMBLY - DOHI**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                        | REV |
|------|-------------|-----|------------------------------------------------------------------------------------|-----|
|      | 1001103646  | Ref | TURNTABLE BEARING ASSEMBLY - DOHI                                                  | G   |
| 1    | 70002643    | 2   | Cup, Bearing                                                                       |     |
| 1    | 70002644    | 2   | Cone, Bearing                                                                      |     |
| 2    | 70002645    | 1   | Seal                                                                               |     |
| 3    | 70002646    | 8   | Bolt 5/16 x 7/8                                                                    |     |
| 4    | 70002647    | 2   | Bolt 1/2 x 1                                                                       |     |
| 5    | 70002648    | 2   | Bolt 1/2 x 1-1/4                                                                   |     |
| 6    | 70000865    | 1   | Plug                                                                               |     |
| 7    | 70002649    | 1   | Vent, Pressure                                                                     |     |
| 8    | 70002650    | 1   | Seal                                                                               |     |
| 9    | 70002651    | 1   | Fitting, Grease 1/4                                                                |     |
| 10   |             | Ref | Component Options:                                                                 |     |
| 10   | 70002652    | 1   | Fitting, Grease 1/8 Straight                                                       |     |
| 10   | See Note    | NSS | Plug, Pipe (Note: Not Available - Purchase Locally)                                |     |
| 11   | 7027359     | 1   | Fitting, Grease                                                                    |     |
| 12   | 70002653    | 2   | Capscrew 5/16 x 1-1/4                                                              |     |
| 13   | 70002654    | 2   | Washer 1/4                                                                         |     |
| 14   | 1001143933  | NLA | Ring Gear Kit (Use Item 100) (Kit Includes Ring Gear and Mounting Hardware)        |     |
| 15   | 70002656    | 1   | Cup, Bearing                                                                       |     |
| 15   | 70002657    | 1   | Cone, Bearing                                                                      |     |
| 16   | 70002658    | 1   | Ring, Grease                                                                       |     |
| 17   | 7026048     | 1   | Cup, Bearing                                                                       |     |
| 17   | 7026049     | 1   | Cone, Bearing                                                                      |     |
| 18   | 1001103646  | 1   | Housing                                                                            |     |
| 19   | 70002659    | 1   | Cap, Gear                                                                          |     |
| 20   | 70002660    | 1   | Plate, Cover                                                                       |     |
| 21   | 70002661    | 1   | Cap, Worm                                                                          |     |
| 22   | 70002662    | 1   | Pinion, Output                                                                     |     |
| 23   | 70002663    | 1   | Adapter, Motor                                                                     |     |
| 24   | 70002664    | 1   | Seal, Face                                                                         |     |
| 25   | 7026052     | 1   | Spacer, Washer                                                                     |     |
| 26   | 70002665    | 1   | Shim .0075 Natural                                                                 |     |
| 26   | 70002666    | 1   | Shim .005 Blue                                                                     |     |
| 26   | 70002667    | 1   | Shim .003 Green                                                                    |     |
| 27   | 70002668    | 1   | Shim .005 Blue                                                                     |     |
| 27   | 70002669    | 1   | Shim .020 Yellow                                                                   |     |
| 28   | 7027352     | 1   | Gasket .010 Brown                                                                  |     |
| 28   | 7027351     | 1   | Gasket .0075 Clear                                                                 |     |
| 28   | 7027350     | 1   | Gasket .005 Blue                                                                   |     |
| 28   | 7027353     | 1   | Gasket .020 Yellow                                                                 |     |
| 29   | 70000681    | 10  | Bolt #6 x 3/8                                                                      |     |
| 30   | 70002670    | 1   | Gear, Worm                                                                         |     |
| 31   | 70002671    | 1   | Shaft, Worm                                                                        |     |
| 100  | 1001160529  | 1   | Turntable Bearing Kit (Includes p/n 1001153013 Bearing, Hardware and Instructions) |     |

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FIGURE 2-9. TURNTABLE BEARING ASSEMBLY - JING WEI



ART\_1001153013

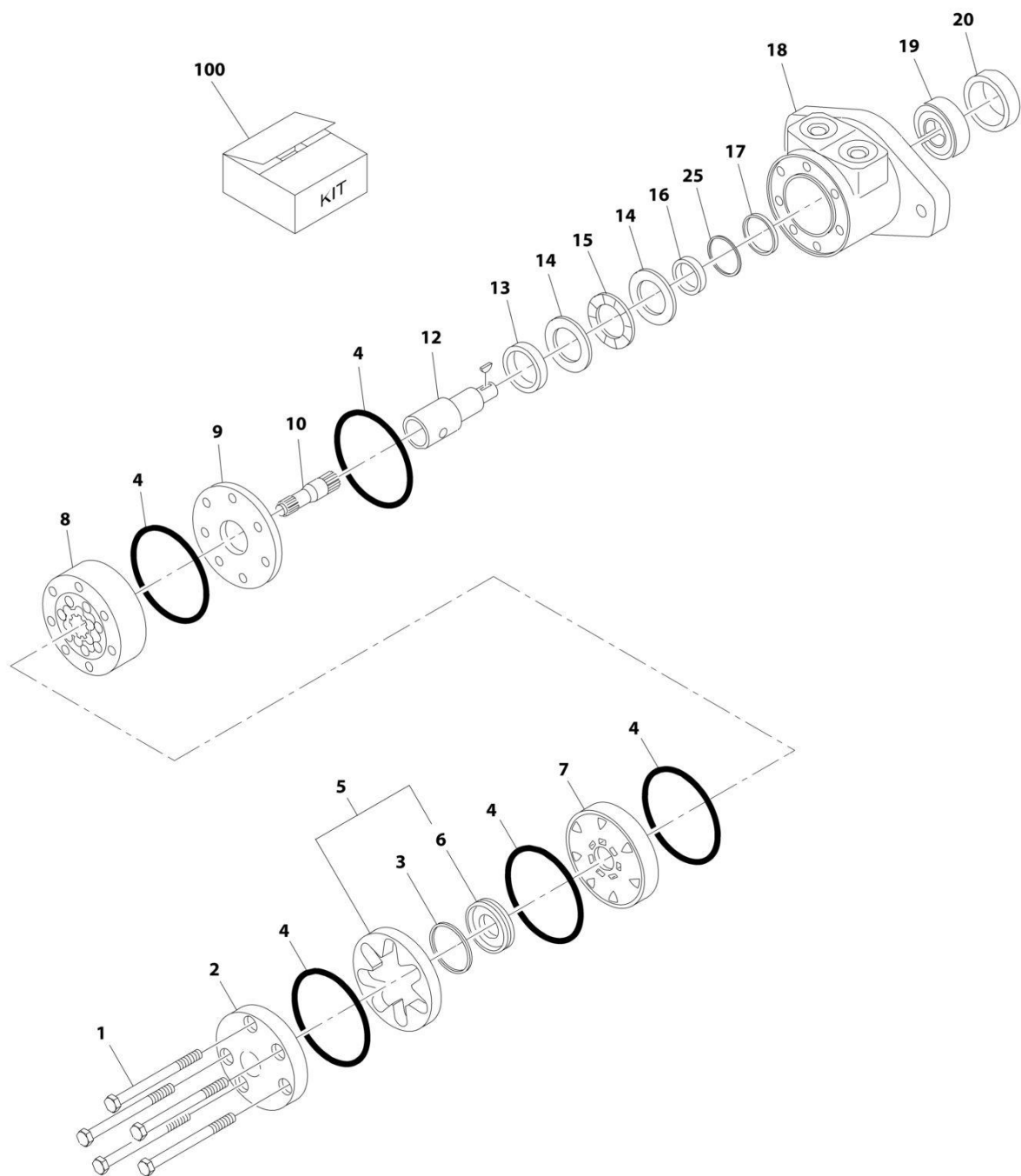
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**FIGURE 2-9. TURNTABLE BEARING ASSEMBLY - JING WEI**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                        | REV |
|------|-------------|-----|------------------------------------------------------------------------------------|-----|
|      | 1001153013  | Ref | TURNTABLE BEARING ASSEMBLY - JING WEI                                              | B   |
| 1    | 70002643    | 2   | Cup, Bearing                                                                       |     |
| 1    | 70002644    | 2   | Cone, Bearing                                                                      |     |
| 2    | 70002645    | 1   | Seal                                                                               |     |
| 3    | 70002646    | 8   | Bolt 5/16 x 7/8                                                                    |     |
| 4    | 70002647    | 2   | Bolt 1/2 x 1                                                                       |     |
| 5    | 70002648    | 2   | Bolt 1/2 x 1-1/4                                                                   |     |
| 6    | 70000865    | 1   | Plug                                                                               |     |
| 7    | 70002649    | 1   | Vent, Pressure                                                                     |     |
| 8    | 70002650    | 1   | Seal                                                                               |     |
| 9    | 70002651    | 1   | Fitting, Grease 1/4                                                                |     |
| 10   |             | Ref | Component Options:                                                                 |     |
| 10   | 70002652    | 1   | Fitting, Grease 1/8 Straight                                                       |     |
| 10   | See Note    | NSS | Plug, Pipe (Note: Not Available - Purchase Locally)                                |     |
| 11   | 7027359     | 1   | Fitting, Grease                                                                    |     |
| 12   | 70002653    | 2   | Capscrew 5/16 x 1-1/4                                                              |     |
| 13   | 70002654    | 2   | Washer 1/4                                                                         |     |
| 14   | 70004160    | 1   | Ring Gear Kit (Kit Includes Ring Gear and Mounting Hardware)                       |     |
| 15   | 70002656    | 1   | Cup, Bearing                                                                       |     |
| 15   | 70002657    | 1   | Cone, Bearing                                                                      |     |
| 16   | 70002658    | 1   | Ring, Grease                                                                       |     |
| 17   | 7026048     | 1   | Cup, Bearing                                                                       |     |
| 17   | 7026049     | 1   | Cone, Bearing                                                                      |     |
| 18   | 1001103646  | 1   | Housing                                                                            |     |
| 19   | 70002659    | 1   | Cap, Gear                                                                          |     |
| 20   | 70002660    | 1   | Plate, Cover                                                                       |     |
| 21   | 70002661    | 1   | Cap, Worm                                                                          |     |
| 22   | 70002662    | 1   | Pinion, Output                                                                     |     |
| 23   | 70002663    | 1   | Adapter, Motor                                                                     |     |
| 24   | 70002664    | 1   | Seal, Face                                                                         |     |
| 25   | 7026052     | 1   | Spacer, Washer                                                                     |     |
| 26   | 70002665    | 1   | Shim .0075 Natural                                                                 |     |
| 26   | 70002666    | 1   | Shim .005 Blue                                                                     |     |
| 26   | 70002667    | 1   | Shim .003 Green                                                                    |     |
| 27   | 70002668    | 1   | Shim .005 Blue                                                                     |     |
| 27   | 70002669    | 1   | Shim .020 Yellow                                                                   |     |
| 28   | 7027352     | 1   | Gasket .010 Brown                                                                  |     |
| 28   | 7027351     | 1   | Gasket .0075 Clear                                                                 |     |
| 28   | 7027350     | 1   | Gasket .005 Blue                                                                   |     |
| 28   | 7027353     | 1   | Gasket .020 Yellow                                                                 |     |
| 29   | 70000681    | 10  | Bolt #6 x 3/8                                                                      |     |
| 30   | 70002670    | 1   | Gear, Worm                                                                         |     |
| 31   | 70002671    | 1   | Shaft, Worm                                                                        |     |
| 100  | 1001160529  | 1   | Turntable Bearing Kit (Includes p/n 1001153013 Bearing, Hardware and Instructions) |     |

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FIGURE 2-10. SWING MOTOR ASSEMBLY



ART\_1001107781

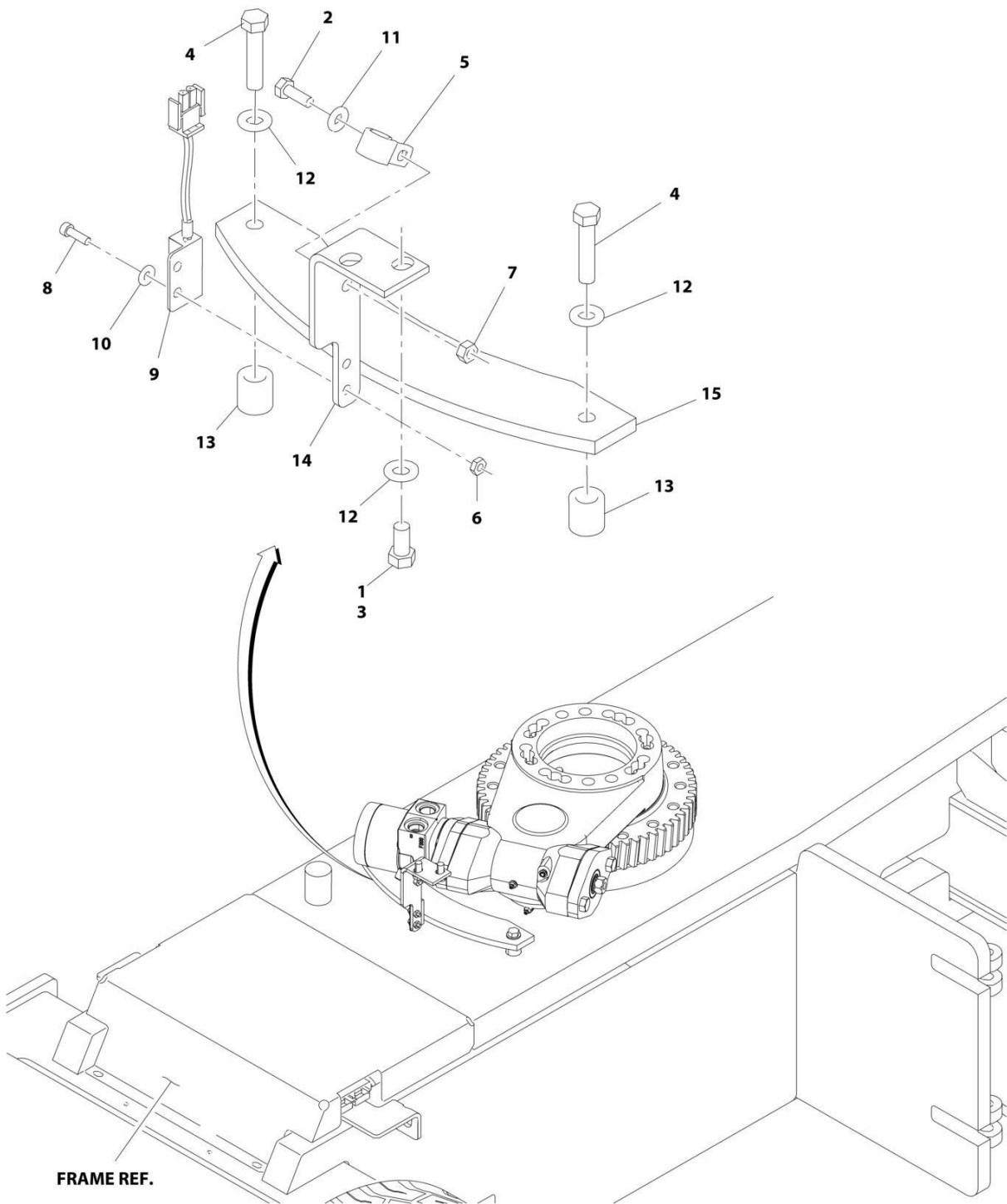
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**FIGURE 2-10. SWING MOTOR ASSEMBLY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                     | REV |
|------|-------------|-----|-------------------------------------------------|-----|
|      | 1001107781  | Ref | SWING MOTOR ASSEMBLY                            | A   |
| 1    | 70002311    | 5   | Bolt                                            |     |
| 2    | 7004035     | 1   | Cover, End                                      |     |
| 3    | See Note    | NSS | Seal, Commutator (Note: Use Item 100)           |     |
| 4    | See Note    | NSS | Seal, Ring (Note: Use Item 100)                 |     |
| 5    | 7024453     | 1   | Commutator and Ring Assembly                    |     |
| 6    | 7024453     | 1   | Ring                                            |     |
| 7    | 7024379     | 1   | Manifold                                        |     |
| 8    | 70002312    | 1   | Rotor Set                                       |     |
| 9    | 7024380     | 1   | Plate, Wear                                     |     |
| 10   | 70002313    | 1   | Link, Drive                                     |     |
| 12   | 70000088    | 1   | Shaft, Coupling                                 |     |
| 12   | 70000089    | 1   | Key, Woodruff                                   |     |
| 13   | 7024381     | 1   | Bushing, Bronze                                 |     |
| 14   | 7004043     | 2   | Thrustwasher                                    |     |
| 15   | 7004044     | 1   | Bearing, Thrust                                 |     |
| 16   | See Note    | NSS | Seal, Inner (Note: Use Item 100)                |     |
| 17   | See Note    | NSS | Washer, Back-up (Note: Use Item 100)            |     |
| 18   | See Note    | NSS | Housing (Note: Purchase Complete Assembly)      |     |
| 19   | 7024390     | 1   | Bearing                                         |     |
| 20   | See Note    | NSS | Seal (Note: Use Item 100)                       |     |
| 25   | See Note    | NSS | Washer, Back-up (Note: Use Item 100)            |     |
| 100  | 7024389     | 1   | Seal Kit (Includes Items 3, 4, 16, 17, 20 & 25) |     |

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FIGURE 2-11. DRIVE ORIENTATION INSTALLATION



ART\_1001107820



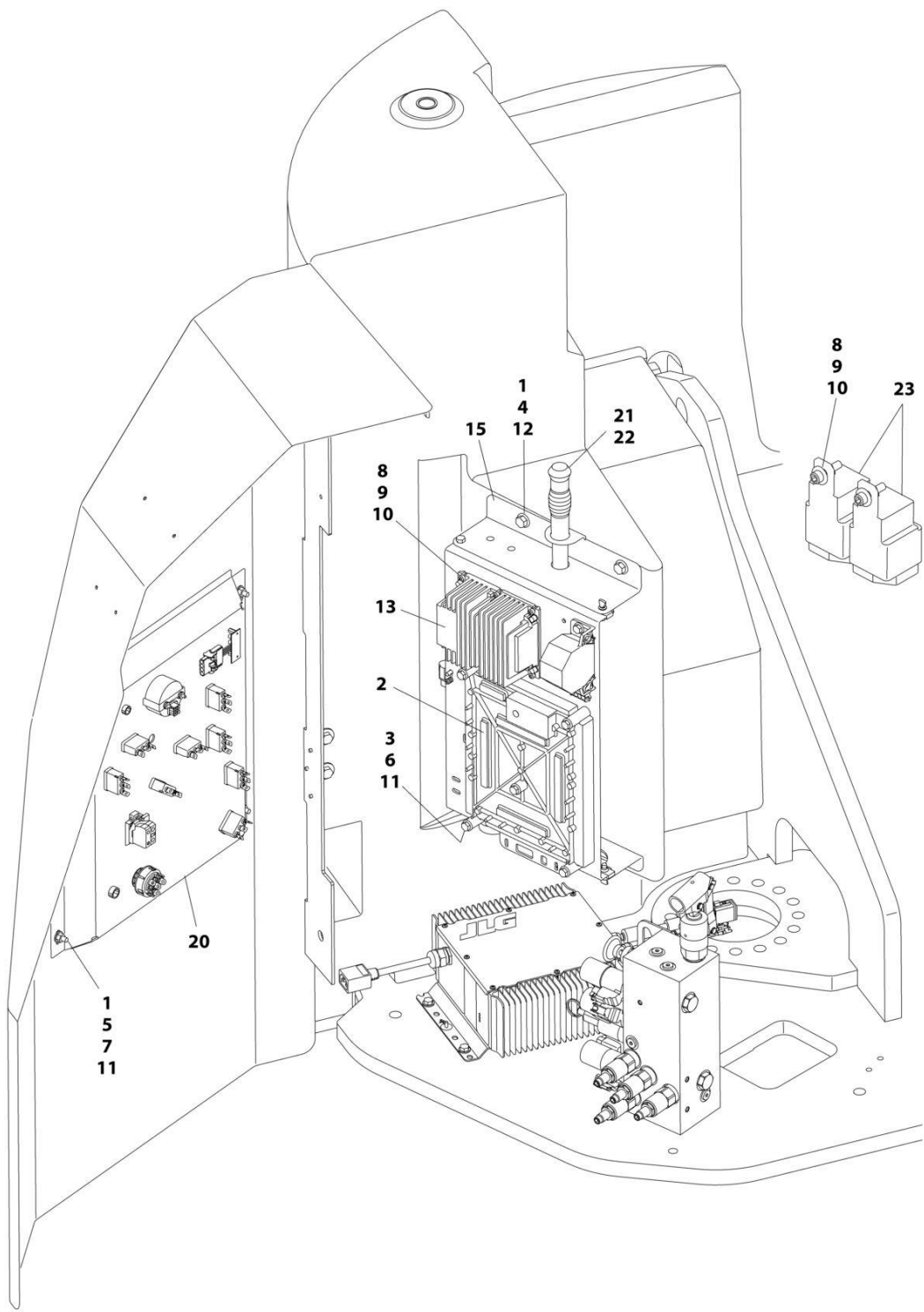
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**FIGURE 2-11. DRIVE ORIENTATION INSTALLATION**

| ITEM | PART NUMBER | QTY | DESCRIPTION                    | REV |
|------|-------------|-----|--------------------------------|-----|
|      | 1001107820  | Ref | DRIVE ORIENTATION INSTALLATION | C   |
| 1    | 0100011     | AR  | Compound, Locking              |     |
| 2    | 0641406     | 1   | Bolt 1/4 x 3/4                 |     |
| 3    | 0641606     | 2   | Bolt 3/8 x 3/4                 |     |
| 4    | 0641616     | 2   | Bolt 3/8 x 2                   |     |
| 5    | 1320041     | 1   | Clamp                          |     |
| 6    | 3311005     | 2   | Nut #10                        |     |
| 7    | 3311405     | 1   | Nut 1/4                        |     |
| 8    | 3931010     | 2   | Capscrew #10 x 5/8             |     |
| 9    | 4360517     | 1   | Switch, Proximity              |     |
| 9    | 4460320     | 1   | Plug, Male - 2 Position        |     |
| 9    | 4460227     | 2   | Pin, Male                      |     |
| 10   | 4711000     | 2   | Washer #10                     |     |
| 10   | 4740120     | 2   | Washer, Nylon                  |     |
| 11   | 4711400     | 1   | Washer 1/4                     |     |
| 12   | 4711600     | 4   | Washer 3/8                     |     |
| 13   | 1001114757  | 2   | Spacer                         |     |
| 14   | 1001102527  | 1   | Bracket, Switch Mounting       |     |
| 15   | 1001108274  | 1   | Cam                            |     |

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FIGURE 2-12. ELECTRICAL COMPONENTS INSTALLATION - E300AJ ALL SPECS EXCEPT CE AND UL SPECS



ART\_1001183397

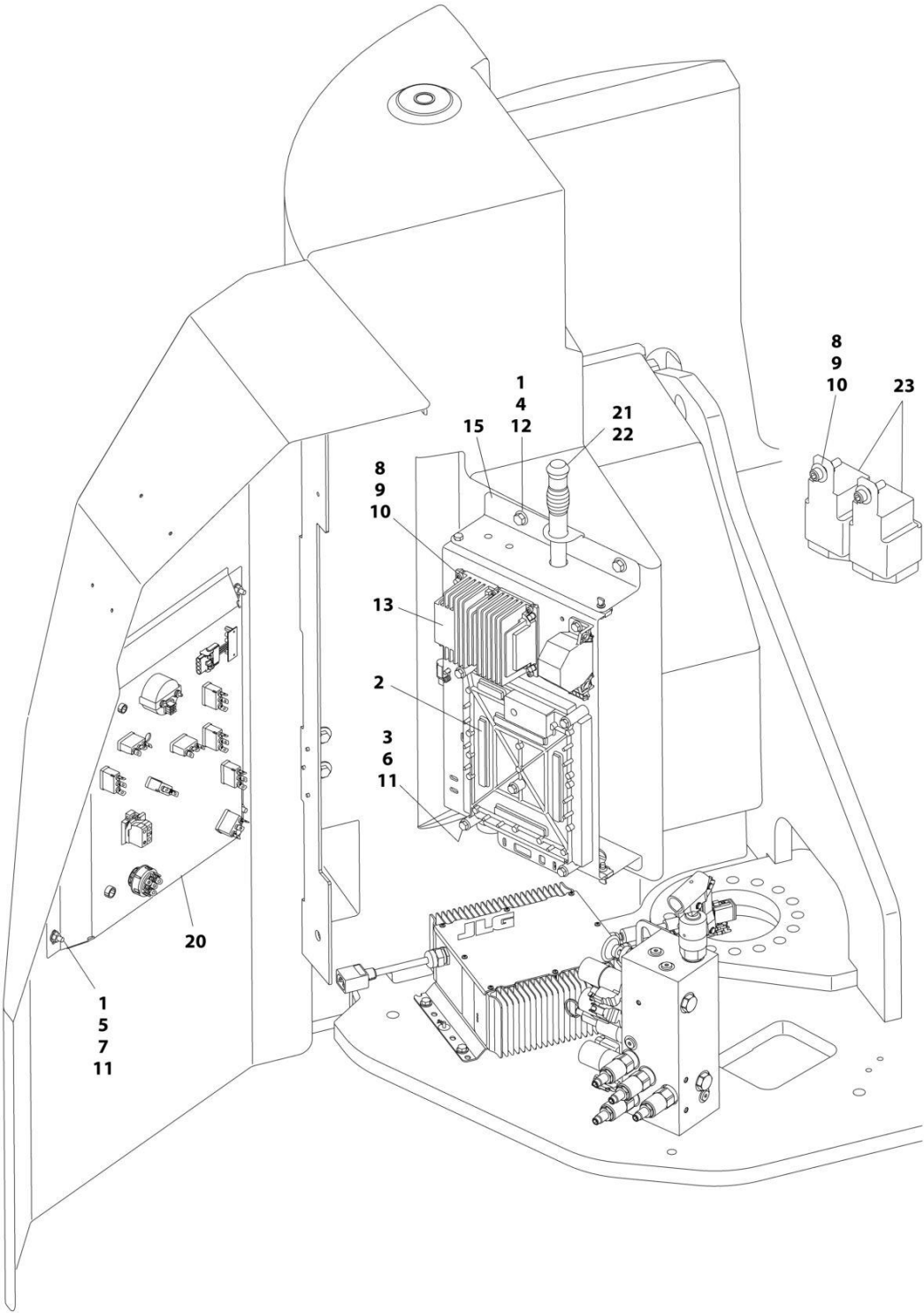
## SECTION 2 - TURNTABLE

**FIGURE 2-12. ELECTRICAL COMPONENTS INSTALLATION - E300AJ ALL SPECS EXCEPT CE AND UL SPECS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                  | REV |
|------|-------------|-----|------------------------------------------------------------------------------|-----|
|      | 1001183397  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJ ALL SPECS EXCEPT CE AND UL SPECS | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                            |     |
| 2    | 1001182700  | 1   | Module, Ground (Note: Re-calibration Required when Replaced)                 |     |
| 3    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                             |     |
| 4    | 0641606     | 4   | Bolt 3/8 x 3/4                                                               |     |
| 5    | 3900258     | 4   | Screw 1/4 x 3/4                                                              |     |
| 6    | 3311405     | 5   | Nut 1/4                                                                      |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                      |     |
| 8    | 3311005     | 7   | Nut #10                                                                      |     |
| 9    | 3931012     | 7   | Capscrew #10 x 3/4                                                           |     |
| 10   | 4711000     | 8   | Washer 10                                                                    |     |
| 11   | 4711400     | 14  | Washer 1/4                                                                   |     |
| 12   | 4711600     | 4   | Washer 3/8                                                                   |     |
| 13   | 1001174447  | 1   | Converter                                                                    |     |
| 14   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)    |     |
| 15   | 1001181639  | 1   | Plate, Mounting                                                              |     |
| 16   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)             |     |
| 17   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)         |     |
| 20   | 1001183395  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)          |     |
| 21   | 2560122     | 1   | Handle                                                                       |     |
| 22   | 2560123     | 1   | Grip, Handle                                                                 |     |
| 23   | 3740080     | 2   | Relay                                                                        |     |

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FIGURE 2-13. ELECTRICAL COMPONENTS INSTALLATION - E300AJ CE SPEC



ART\_1001183503

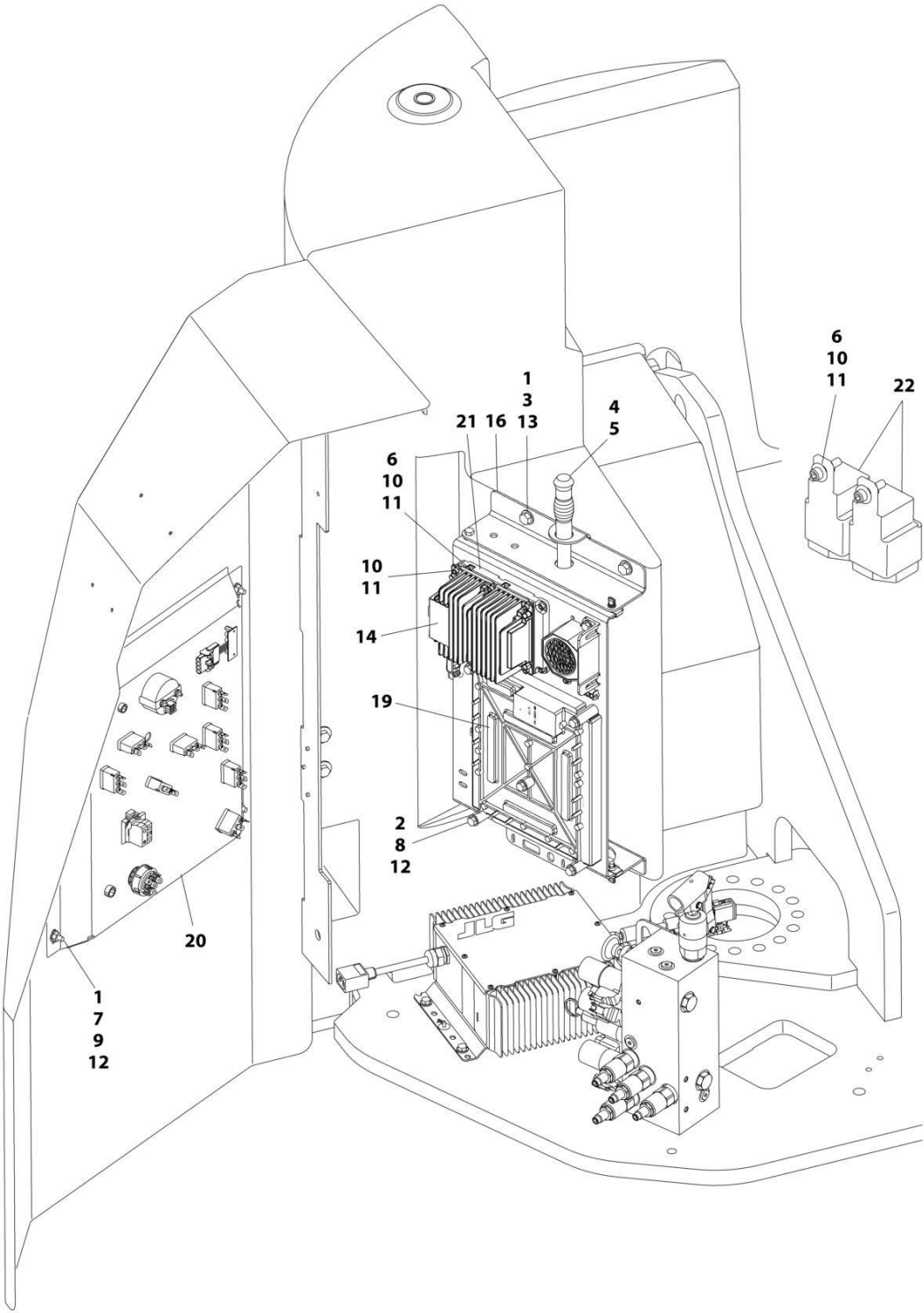
## SECTION 2 - TURNTABLE

**FIGURE 2-13. ELECTRICAL COMPONENTS INSTALLATION - E300AJ CE SPEC**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001183503  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJ CE SPEC                       | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 1001182700  | 1   | Module, Ground (Note: Re-calibration Required when Replaced)              |     |
| 3    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                          |     |
| 4    | 0641606     | 4   | Bolt 3/8 x 3/4                                                            |     |
| 5    | 3900258     | 4   | Screw 1/4 x 3/4                                                           |     |
| 6    | 3311405     | 5   | Nut 1/4                                                                   |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                   |     |
| 8    | 3311005     | 7   | Nut #10                                                                   |     |
| 9    | 3931012     | 7   | Capscrew #10 x 3/4                                                        |     |
| 10   | 4711000     | 8   | Washer #10                                                                |     |
| 11   | 4711400     | 14  | Washer 1/4                                                                |     |
| 12   | 4711600     | 4   | Washer 3/8                                                                |     |
| 13   | 1001174447  | 1   | Converter                                                                 |     |
| 14   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown) |     |
| 15   | 1001181639  | 1   | Plate, Mounting                                                           |     |
| 16   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)          |     |
| 17   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)      |     |
| 20   | 1001183917  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)       |     |
| 21   | 2560122     | 1   | Handle                                                                    |     |
| 22   | 2560123     | 1   | Grip, Handle                                                              |     |
| 23   | 3740080     | 2   | Relay                                                                     |     |

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FIGURE 2-14. ELECTRICAL COMPONENTS INSTALLATION - E300AJ (UL SPECS) (SN 0300226252 through 0300272206)



ART\_1001213481

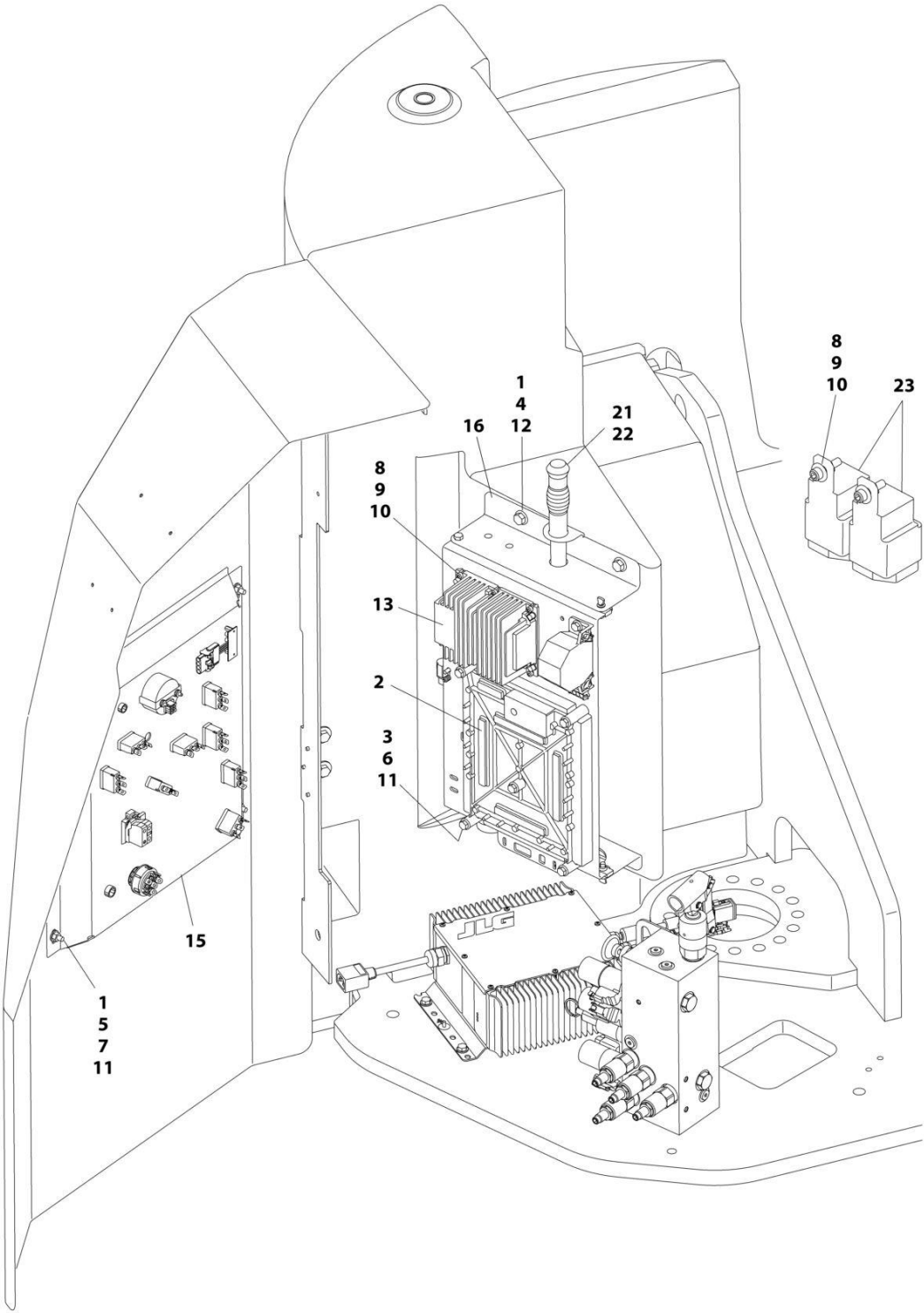
## SECTION 2 - TURNTABLE

**FIGURE 2-14. ELECTRICAL COMPONENTS INSTALLATION - E300AJ (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001213481  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJ (UL SPECS)                    | A   |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                          |     |
| 3    | 0641606     | 4   | Bolt 3/8 x 3/4                                                            |     |
| 4    | 2560122     | 1   | Handle                                                                    |     |
| 5    | 2560123     | 1   | Grip, Handle                                                              |     |
| 6    | 3311005     | 7   | Nut #10                                                                   |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                   |     |
| 8    | 3311405     | 5   | Nut 1/4                                                                   |     |
| 9    | 3900258     | 4   | Screw 1/4 x 3/4                                                           |     |
| 10   | 3931012     | 13  | Capscrew #10 x 3/4                                                        |     |
| 11   | 4711000     | 14  | Washer #10                                                                |     |
| 12   | 4711400     | 14  | Washer 1/4                                                                |     |
| 13   | 4711600     | 4   | Washer 3/8                                                                |     |
| 14   | 1001174447  | 1   | Converter                                                                 |     |
| 15   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown) |     |
| 16   | 1001181639  | 1   | Plate, Mounting                                                           |     |
| 17   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)          |     |
| 18   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)      |     |
| 19   | 1001182700  | 1   | Module, Ground (Note: Recalibration Required when Replaced.)              |     |
| 20   | 1001183395  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)       |     |
| 21   | 1001212450  | 1   | Insulate, Converter                                                       |     |
| 22   | 1001214667  | 2   | Relay                                                                     |     |

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FIGURE 2-15. ELECTRICAL COMPONENTS INSTALLATION - E300AJP ALL SPEC EXCEPT CE AND UL SPECS



ART\_1001180028



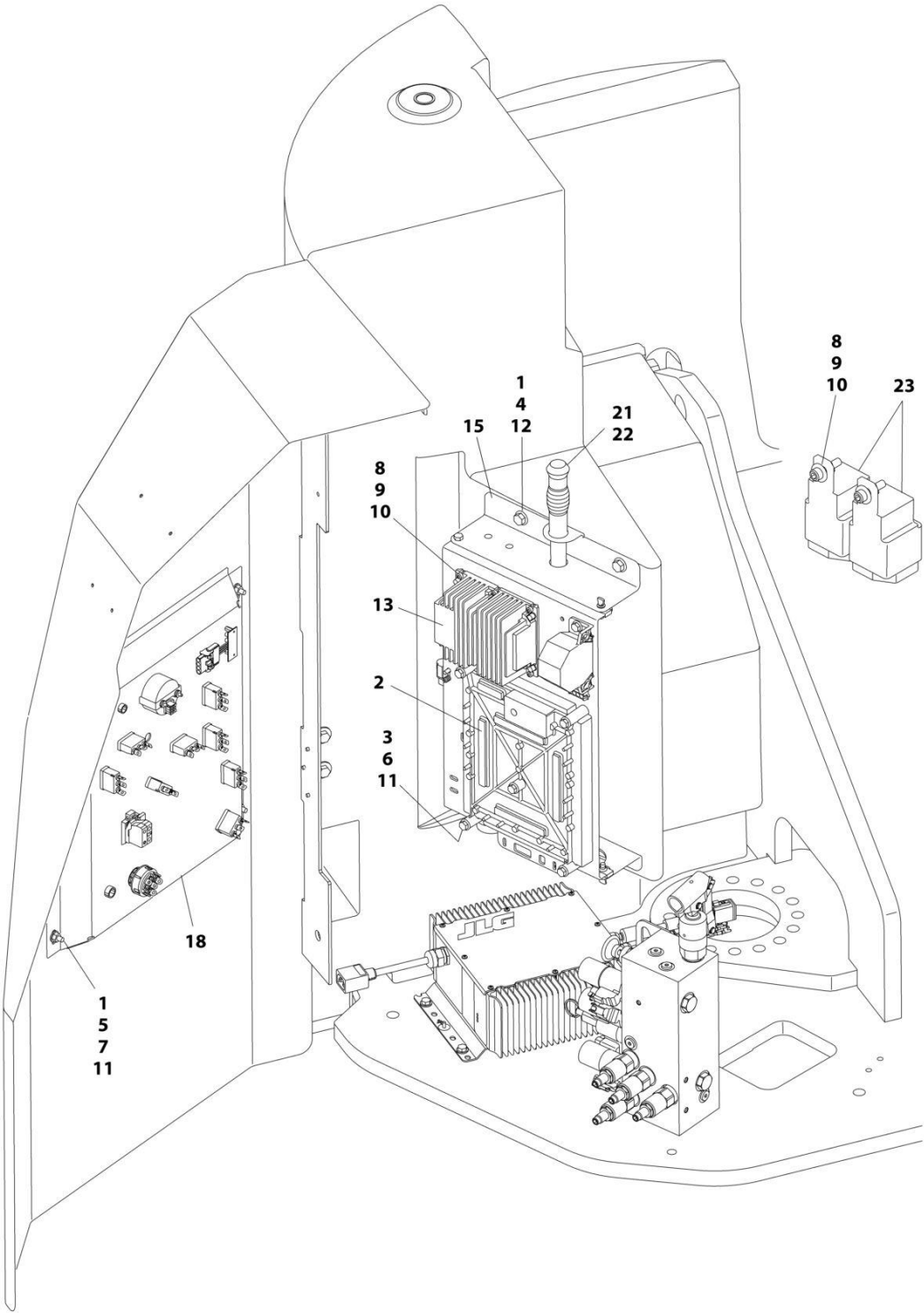
## SECTION 2 - TURNTABLE

**FIGURE 2-15. ELECTRICAL COMPONENTS INSTALLATION - E300AJP ALL SPEC EXCEPT CE AND UL SPECS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                  | REV |
|------|-------------|-----|------------------------------------------------------------------------------|-----|
|      | 1001180028  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJP ALL SPEC EXCEPT CE AND UL SPECS | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                            |     |
| 2    | 1001182700  | 1   | Module, Ground (Note: Re-calibration Required when Replaced)                 |     |
| 3    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                             |     |
| 4    | 0641606     | 4   | Bolt 3/8 x 3/4                                                               |     |
| 5    | 3900258     | 4   | Screw 1/4 x 3/4                                                              |     |
| 6    | 3311405     | 5   | Nut 1/4                                                                      |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                      |     |
| 8    | 3311005     | 7   | Nut #10                                                                      |     |
| 9    | 3931012     | 7   | Capscrew #10 x 3/4                                                           |     |
| 10   | 4711000     | 8   | Washer #10                                                                   |     |
| 11   | 4711400     | 14  | Washer 1/4                                                                   |     |
| 12   | 4711600     | 4   | Washer 3/8                                                                   |     |
| 13   | 1001174447  | 1   | Converter                                                                    |     |
| 14   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)    |     |
| 15   | 1001181638  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)          |     |
| 16   | 1001181639  | 1   | Plate, Mounting                                                              |     |
| 17   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)             |     |
| 18   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)         |     |
| 21   | 2560122     | 1   | Handle                                                                       |     |
| 22   | 2560123     | 1   | Grip, Handle                                                                 |     |
| 23   | 3740080     | 2   | Relay                                                                        |     |

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FIGURE 2-16. ELECTRICAL COMPONENTS INSTALLATION - E300AJP CE SPEC



ART\_1001183504

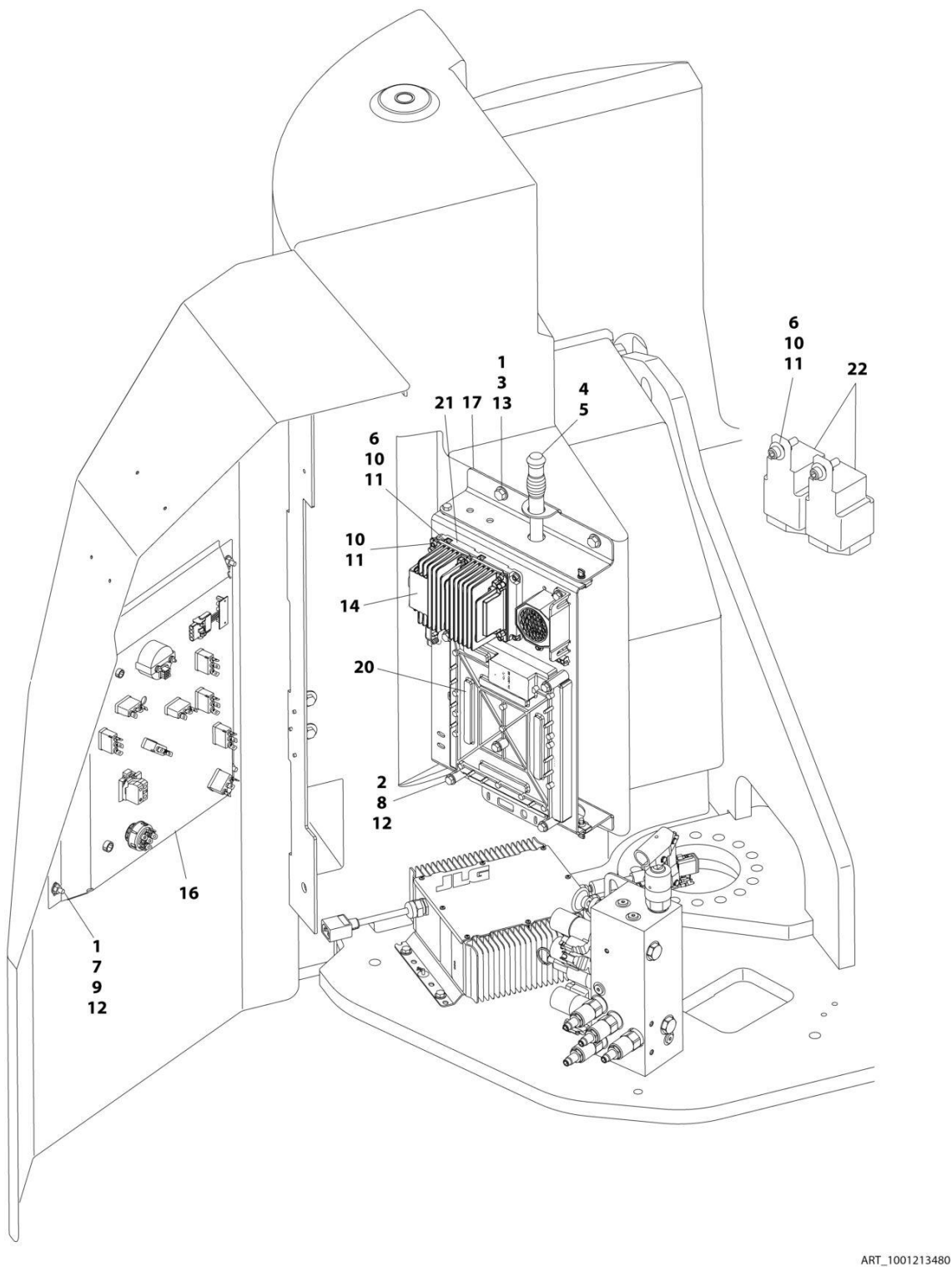
## SECTION 2 - TURNTABLE

**FIGURE 2-16. ELECTRICAL COMPONENTS INSTALLATION - E300AJP CE SPEC**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001183504  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJP CE SPEC                      | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 1001182700  | 1   | Module, Ground (Note: Re-calibration Required when Replaced)              |     |
| 3    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                          |     |
| 4    | 0641606     | 4   | Bolt 3/8 x 3/4                                                            |     |
| 5    | 3900258     | 4   | Screw 1/4 x 3/4                                                           |     |
| 6    | 3311405     | 5   | Nut 1/4                                                                   |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                   |     |
| 8    | 3311005     | 7   | Nut #10                                                                   |     |
| 9    | 3931012     | 7   | Capscrew #10 x 3/4                                                        |     |
| 10   | 4711000     | 8   | Washer #10                                                                |     |
| 11   | 4711400     | 14  | Washer 1/4                                                                |     |
| 12   | 4711600     | 4   | Washer 3/8                                                                |     |
| 13   | 1001174447  | 1   | Converter                                                                 |     |
| 14   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown) |     |
| 15   | 1001181639  | 1   | Plate, Mounting                                                           |     |
| 16   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)          |     |
| 17   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)      |     |
| 18   | 1001183918  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)       |     |
| 21   | 2560122     | 1   | Handle                                                                    |     |
| 22   | 2560123     | 1   | Grip, Harness                                                             |     |
| 23   | 3740080     | 2   | Relay                                                                     |     |

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FIGURE 2-17. ELECTRICAL COMPONENTS INSTALLATION - E300AJP (UL SPECS) (SN 0300226252 through 0300272206)



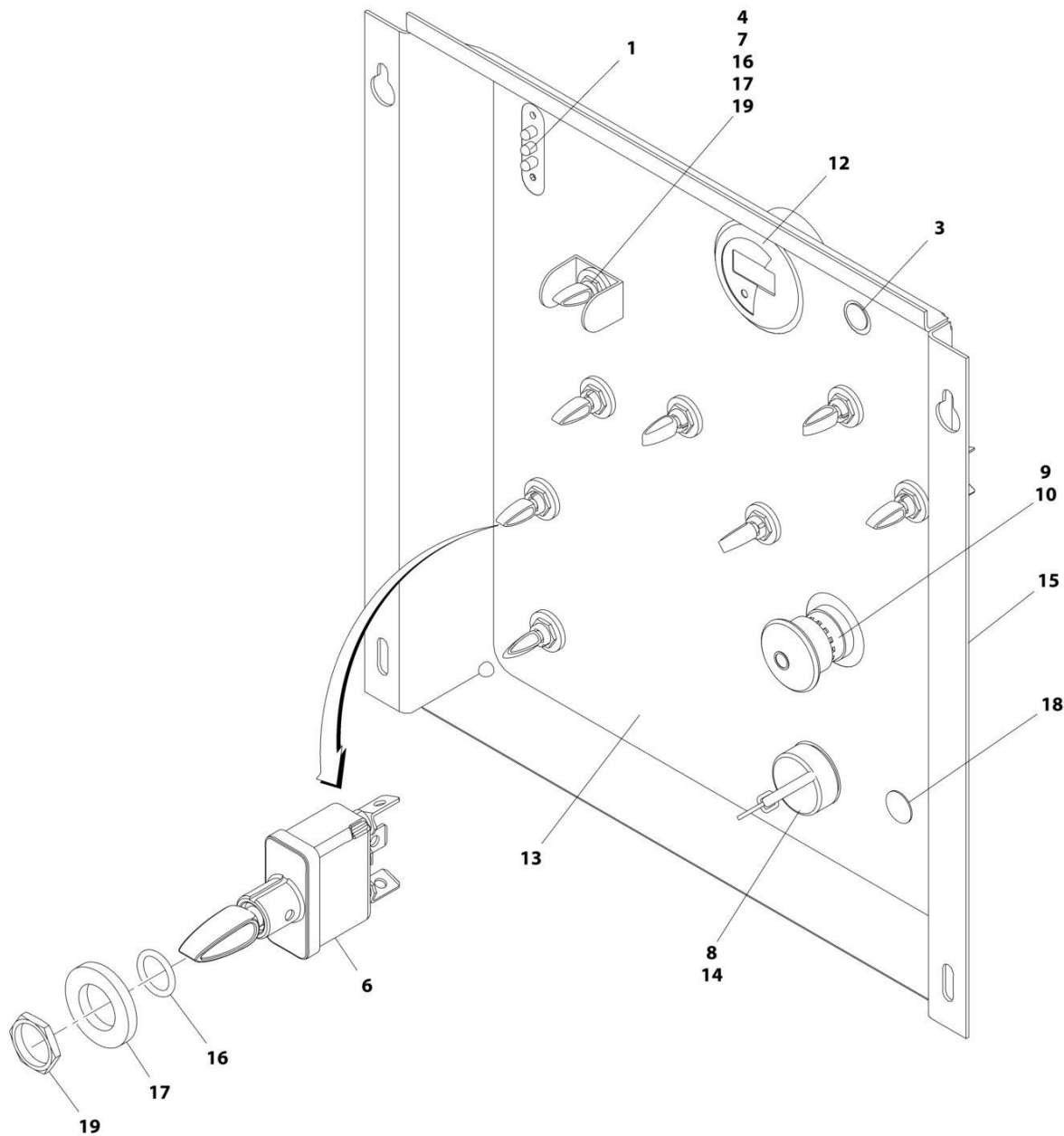
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**FIGURE 2-17. ELECTRICAL COMPONENTS INSTALLATION - E300AJP (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001213480  | Ref | ELECTRICAL COMPONENTS INSTALLATION - E300AJP (UL SPECS)                   | A   |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 0641418     | 5   | Bolt 1/4 x 2-1/4                                                          |     |
| 3    | 0641606     | 4   | Bolt 3/8 x 3/4                                                            |     |
| 4    | 2560122     | 1   | Handle                                                                    |     |
| 5    | 2560123     | 1   | Grip, Handle                                                              |     |
| 6    | 3311005     | 7   | Nut #10                                                                   |     |
| 7    | 3311401     | 4   | Nut 1/4                                                                   |     |
| 8    | 3311405     | 5   | Nut 1/4                                                                   |     |
| 9    | 3900258     | 4   | Screw 1/4 x 3/4                                                           |     |
| 10   | 3931012     | 13  | Capscrew #10 x 3/4                                                        |     |
| 11   | 4711000     | 14  | Washer #10                                                                |     |
| 12   | 4711400     | 14  | Washer 1/4                                                                |     |
| 13   | 4711600     | 4   | Washer 3/8                                                                |     |
| 14   | 1001174447  | 1   | Converter                                                                 |     |
| 15   | 1001181095  | 1   | Ground Control Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown) |     |
| 16   | 1001181638  | 1   | Ground Control Assembly (See GROUND CONTROL ASSEMBLY for Breakdown)       |     |
| 17   | 1001181639  | 1   | Plate, Mounting                                                           |     |
| 18   | 1001182474  | 1   | Valve Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)          |     |
| 19   | 1001182475  | 1   | Turntable Harness (Not Shown) (See ELECTRICAL SECTION for Breakdown)      |     |
| 20   | 1001182700  | 1   | Module, Ground (Note: Recalibration Required when Replaced.)              |     |
| 21   | 1001212450  | 1   | Insulate, Converter                                                       |     |
| 22   | 1001214667  | 1   | Relay                                                                     |     |

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FIGURE 2-18. GROUND CONTROL BOX ASSEMBLY - E300AJ ALL SPECS EXCEPT CE SPEC



ART\_1001183395

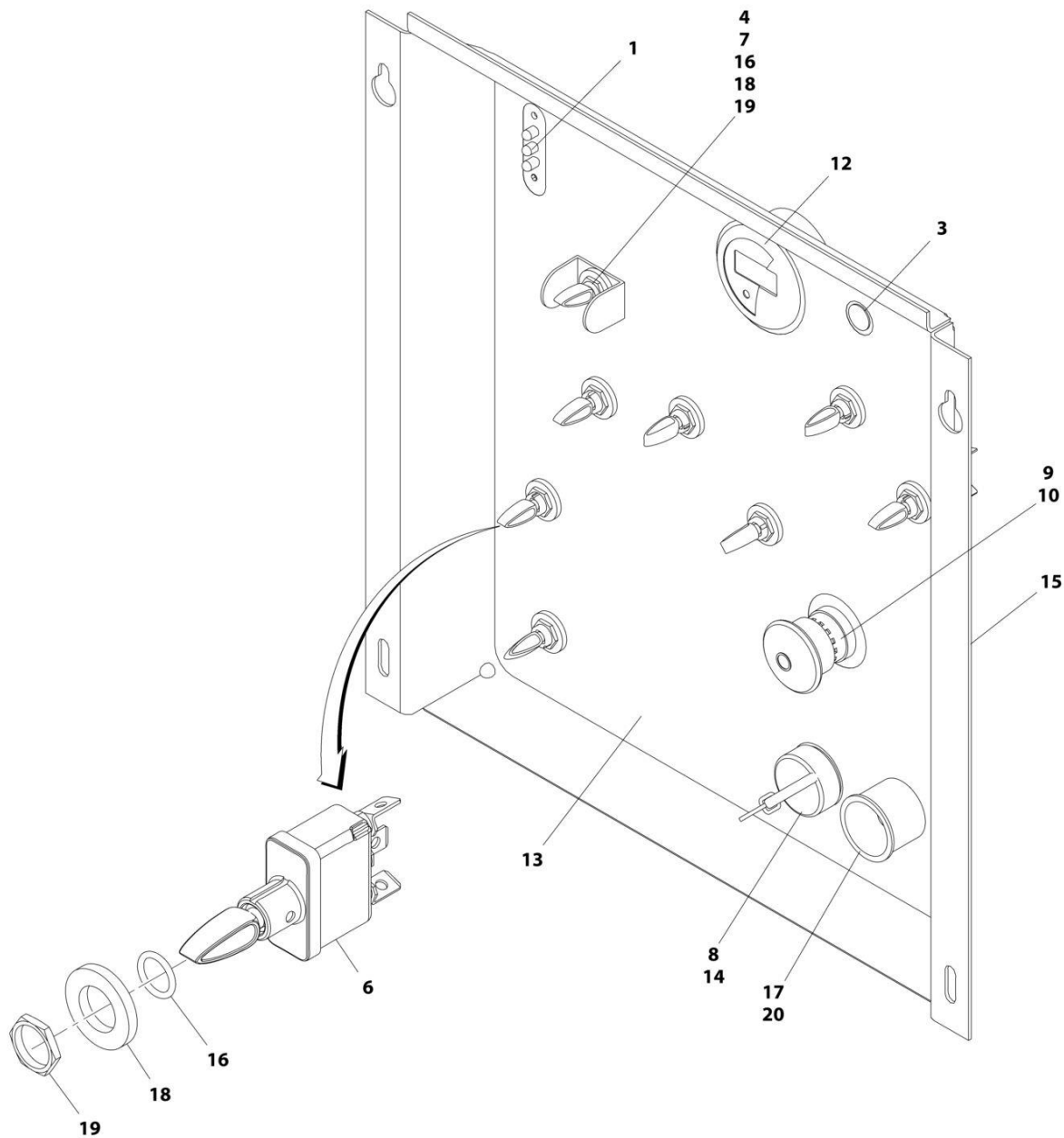
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**FIGURE 2-18. GROUND CONTROL BOX ASSEMBLY - E300AJ ALL SPECS EXCEPT CE SPEC**

| ITEM | PART NUMBER | QTY   | DESCRIPTION                                                      | REV |
|------|-------------|-------|------------------------------------------------------------------|-----|
|      | 1001183395  | Ref   | GROUND CONTROL BOX ASSEMBLY - E300AJ ALL SPECS EXCEPT CE SPEC    | E   |
| 1    | 0610131     | 1     | Board LED                                                        |     |
| 3    | 3520028     | 1     | Plug                                                             |     |
| 4    | 4060906     | 1     | Guard, Switch                                                    |     |
| 6    | 1001155045  | 7     | Switch, Toggle                                                   |     |
| 7    | 1001159256  | 1     | Switch, Toggle                                                   |     |
| 8    | 4360469     | 1     | Switch, Key                                                      |     |
| 8    | 2860030     | 1 Set | Key, Replacement                                                 |     |
| 9    | 4360475     | 1     | Switch, Emergency Stop                                           |     |
| 9    | 7020175     | 1     | Cap                                                              |     |
| 9    | 7020176     | 1     | Block, Contact                                                   |     |
| 10   | 4360476     | 1     | Switch, Contact                                                  |     |
| 12   | 1001109503  | 1     | Gauge                                                            |     |
| 13   | 1001183546  | 1     | Decal - E300AJ Ground Control (SN 0300211844 through 0300221326) |     |
| 13   | 1001210578  | 1     | Decal - E300AJ Ground Control (SN 0300221327 through 0300272206) |     |
| 14   | 1001151393  | 1     | Shim, Nylon .063                                                 |     |
| 15   | 1001181633  | 1     | Panel, Ground Control                                            |     |
| 16   | 3790012     | 8     | O-Ring                                                           |     |
| 17   | 4740397     | 8     | Spacer, Washer                                                   |     |
| 18   | 1001140357  | 1     | Plug (SN 0300211844 through 0300221326)                          |     |
| 19   | 1001155044  | 8     | Nut 15/32                                                        |     |

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FIGURE 2-19. GROUND CONTROL BOX ASSEMBLY - E300AJ CE SPEC



ART\_1001183917



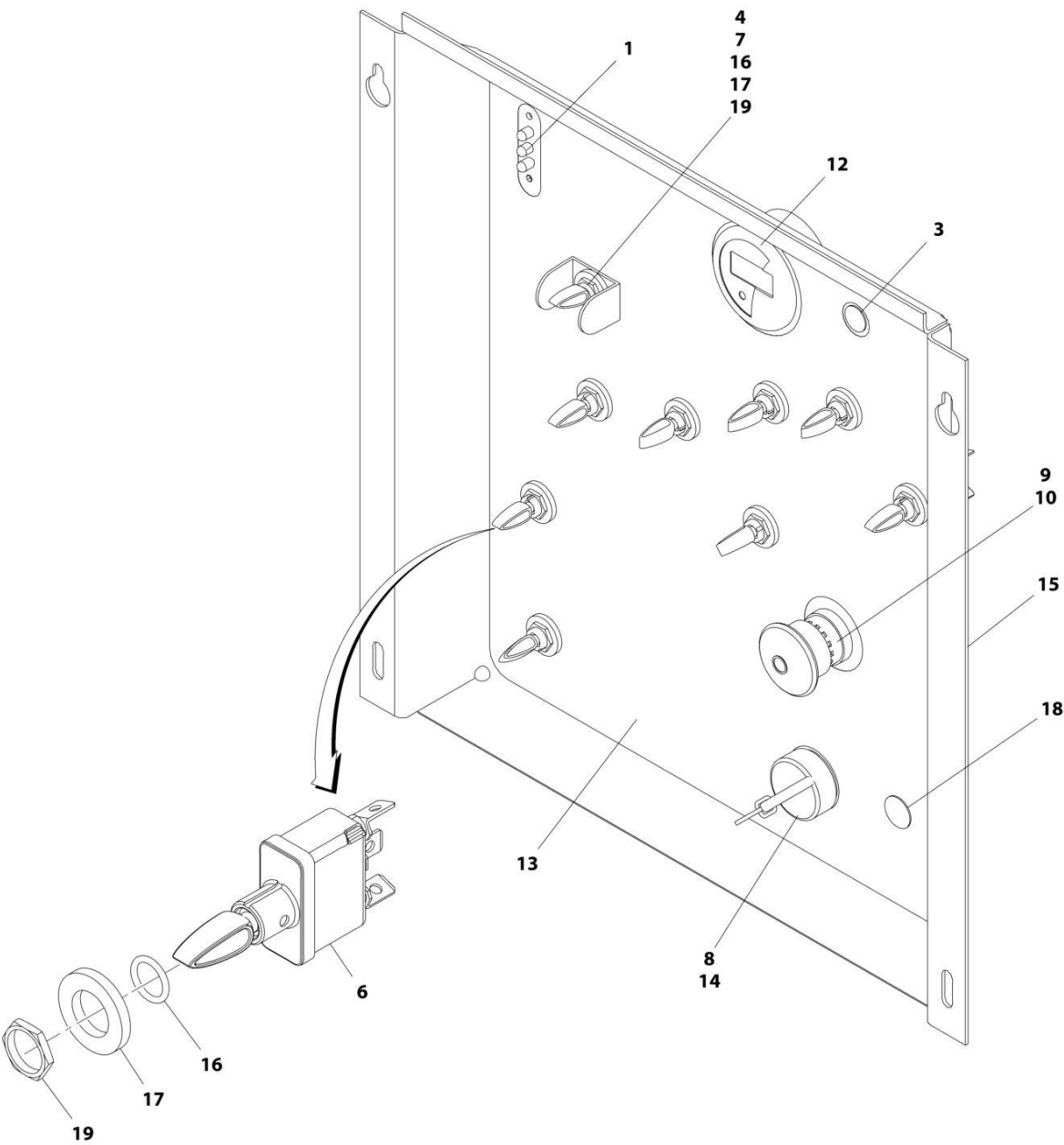
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**FIGURE 2-19. GROUND CONTROL BOX ASSEMBLY - E300AJ CE SPEC**

| ITEM | PART NUMBER | QTY   | DESCRIPTION                                  | REV |
|------|-------------|-------|----------------------------------------------|-----|
|      | 1001183917  | Ref   | GROUND CONTROL BOX ASSEMBLY - E300AJ CE SPEC | D   |
| 1    | 0610131     | 1     | Board, LED                                   |     |
| 3    | 3520028     | 1     | Plug                                         |     |
| 4    | 4060906     | 1     | Guard, Switch                                |     |
| 6    | 1001155045  | 7     | Switch, Toggle                               |     |
| 7    | 1001159256  | 1     | Switch, Toggle                               |     |
| 8    | 4360469     | 1     | Switch, Key                                  |     |
| 8    | 2860030     | 1 Set | Key, Replacement                             |     |
| 9    | 4360475     | 1     | Switch, Emergency Stop                       |     |
| 9    | 7020175     | 1     | Cap                                          |     |
| 9    | 7020176     | 1     | Block, Contact                               |     |
| 10   | 4360476     | 1     | Switch, Contact                              |     |
| 12   | 1001109503  | 1     | Gauge                                        |     |
| 13   | 1001183546  | 1     | Decal - E300AJ Ground Control                |     |
| 14   | 1001151393  | 1     | Shim, Nylon .063                             |     |
| 15   | 1001181633  | 1     | Panel, Ground Control                        |     |
| 16   | 3790012     | 8     | O-Ring                                       |     |
| 17   | 4360387     | 1     | Switch, Push Button                          |     |
| 18   | 4360397     | 8     | Spacer, Washer                               |     |
| 19   | 1001155044  | 8     | Nut 15/32                                    |     |
| 20   | 1001176469  | 1     | Shroud, Switch                               |     |

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FIGURE 2-20. GROUND CONTROL BOX ASSEMBLY - E300AJP ALL SPECS EXCEPT CE SPEC



ART\_1001181638

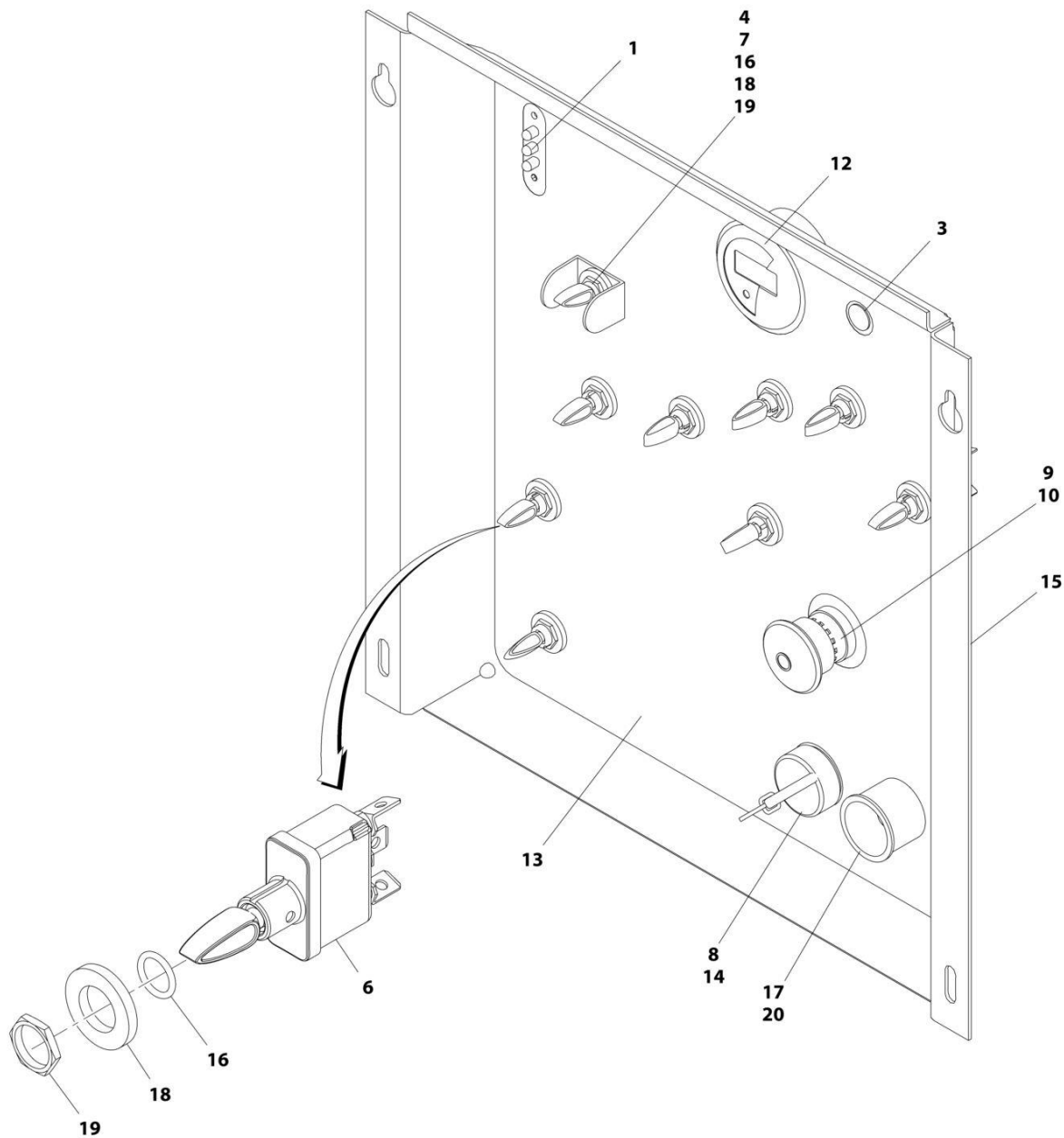
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**FIGURE 2-20. GROUND CONTROL BOX ASSEMBLY - E300AJP ALL SPECS EXCEPT CE SPEC**

| ITEM | PART NUMBER | QTY   | DESCRIPTION                                                                | REV |
|------|-------------|-------|----------------------------------------------------------------------------|-----|
|      | 1001181638  | Ref   | GROUND CONTROL BOX ASSEMBLY - E300AJP ALL SPECS EXCEPT CE SPEC             | E   |
| 1    | 0610131     | 1     | Board, LED                                                                 |     |
| 3    | 3520028     | 1     | Plug                                                                       |     |
| 4    | 4060906     | 1     | Guard, Switch                                                              |     |
| 6    | 1001155045  | 8     | Switch, Toggle                                                             |     |
| 7    | 1001159256  | 1     | Switch, Toggle                                                             |     |
| 8    | 4360469     | 1     | Switch, Key                                                                |     |
| 8    | 2860030     | 1 Set | Key, Replacement                                                           |     |
| 9    | 4360475     | 1     | Switch, Emergency Stop                                                     |     |
| 9    | 7020175     | 1     | Cap                                                                        |     |
| 9    | 7020176     | 1     | Block, Contact                                                             |     |
| 10   | 4360476     | 1     | Switch, Contact                                                            |     |
| 12   | 1001109503  | 1     | Gauge                                                                      |     |
| 13   | 1001183545  | 1     | Decal - E300AJP Ground Control ( <b>SN 0300211844 through 0300221326</b> ) |     |
| 13   | 1001210577  | 1     | Decal - E300AJP Ground Control ( <b>SN 0300221327 through 0300272206</b> ) |     |
| 14   | 1001151393  | 1     | Shim, Nylon .063                                                           |     |
| 15   | 1001181633  | 1     | Panel, Ground Control                                                      |     |
| 16   | 3790012     | 9     | O-Ring                                                                     |     |
| 17   | 4740397     | 9     | Spacer, Washer                                                             |     |
| 18   | 1001140357  | 1     | Plug ( <b>SN 0300211844 through 0300221326</b> )                           |     |
| 19   | 1001155044  | 9     | Nut 15/32                                                                  |     |

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FIGURE 2-21. GROUND CONTROL BOX ASSEMBLY - E300AJP CE SPEC



ART\_1001183918

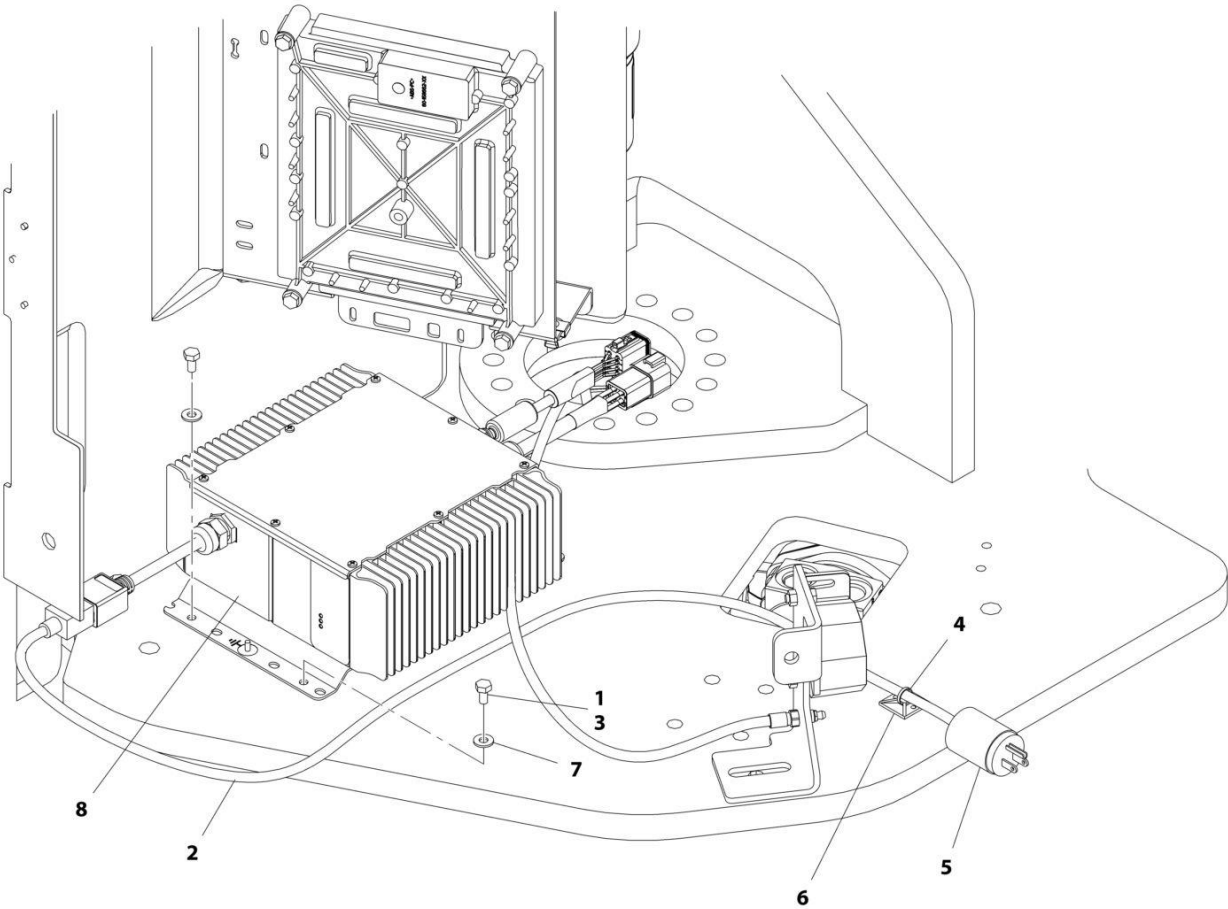
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**FIGURE 2-21. GROUND CONTROL BOX ASSEMBLY - E300AJP CE SPEC**

| ITEM | PART NUMBER | QTY   | DESCRIPTION                                   | REV |
|------|-------------|-------|-----------------------------------------------|-----|
|      | 1001183918  | Ref   | GROUND CONTROL BOX ASSEMBLY - E300AJP CE SPEC | D   |
| 1    | 0610131     | 1     | Board, LED                                    |     |
| 3    | 3520028     | 1     | Plug                                          |     |
| 4    | 4060906     | 1     | Guard, Switch                                 |     |
| 6    | 1001155045  | 8     | Switch, Toggle                                |     |
| 7    | 1001159256  | 1     | Switch, Toggle                                |     |
| 8    | 4360469     | 1     | Switch, Key                                   |     |
| 8    | 2860030     | 1 Set | Key, Replacement                              |     |
| 9    | 4360475     | 1     | Switch, Emergency Stop                        |     |
| 9    | 7020175     | 1     | Cap                                           |     |
| 9    | 7020176     | 1     | Block, Contact                                |     |
| 10   | 4360476     | 1     | Switch, Contact                               |     |
| 12   | 1001109503  | 1     | Gauge                                         |     |
| 13   | 1001183545  | 1     | Decal - E300AJP Ground Control                |     |
| 14   | 1001151393  | 1     | Shim, Nylon .063                              |     |
| 15   | 1001181633  | 1     | Panel, Ground Control                         |     |
| 16   | 3790012     | 9     | O-Ring                                        |     |
| 17   | 4360387     | 1     | Switch, Push Button                           |     |
| 18   | 4740397     | 9     | Spacer, Washer                                |     |
| 19   | 1001155044  | 9     | Nut 15/32                                     |     |
| 20   | 1001176469  | 1     | Shroud, Switch                                |     |

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FIGURE 2-22. BATTERY CHARGER INSTALLATION - WITH PLUG (ALL SPECS EXCEPT CE SPEC)



ART\_1001183508

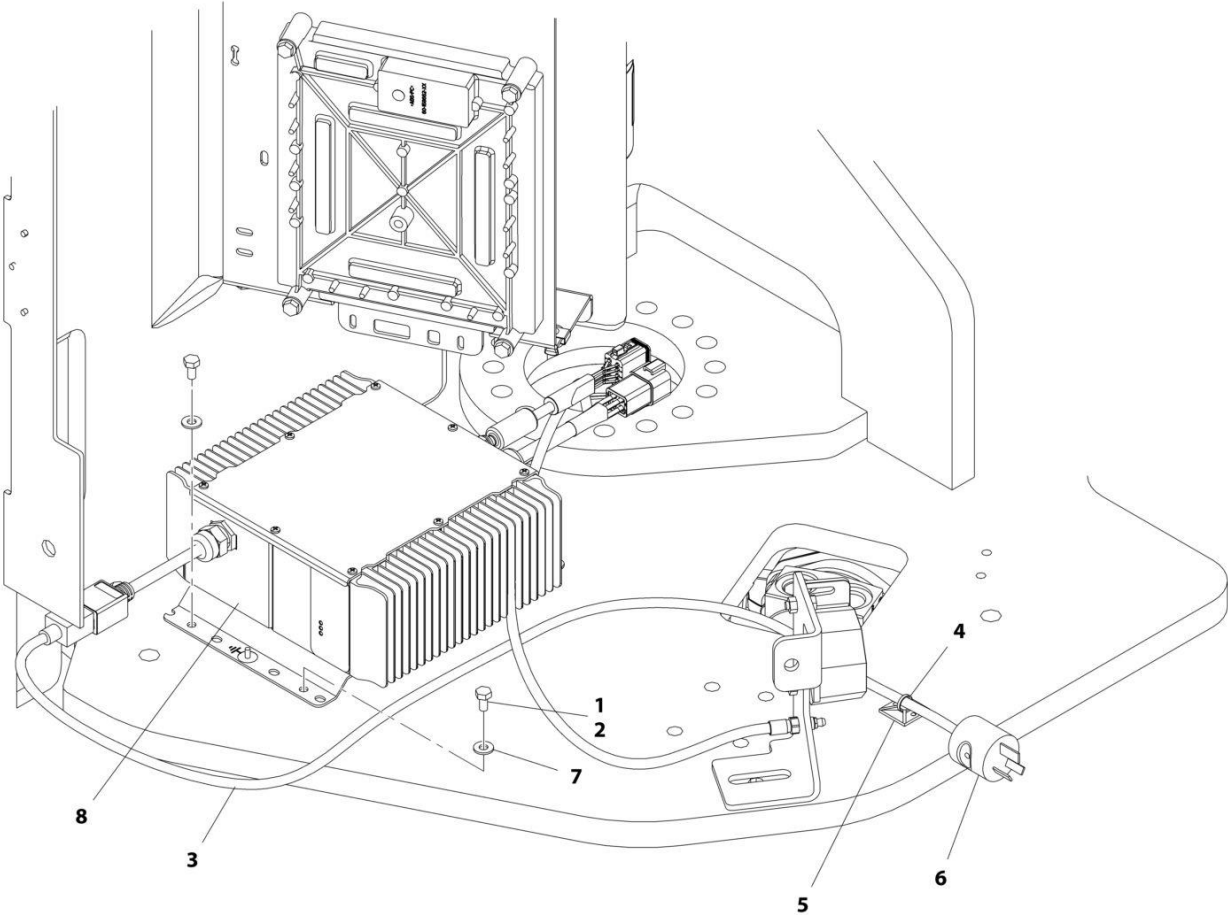
## SECTION 2 - TURNTABLE

**FIGURE 2-22. BATTERY CHARGER INSTALLATION - WITH PLUG (ALL SPECS EXCEPT CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001183508  | Ref | BATTERY CHARGER INSTALLATION - WITH PLUG (ALL SPECS EXCEPT CE SPEC) | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                   |     |
| 2    | 1060689     | 1   | Cable, AC Cord                                                      |     |
| 3    | 0641404     | 4   | Bolt 1/4 x 1/2                                                      |     |
| 4    | 4240032     | AR  | Tie-Strap                                                           |     |
| 5    | 4460138     | 1   | Plug                                                                |     |
| 6    | 4460234     | 1   | Mount, Cable                                                        |     |
| 7    | 4711400     | 4   | Washer 1/4                                                          |     |
| 8    | 1001103105  | 1   | Battery Charger Assembly (See Separate Breakdown in this Section)   |     |

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FIGURE 2-23. BATTERY CHARGER INSTALLATION - WITH PLUG (CE SPEC)



ART\_1001183509



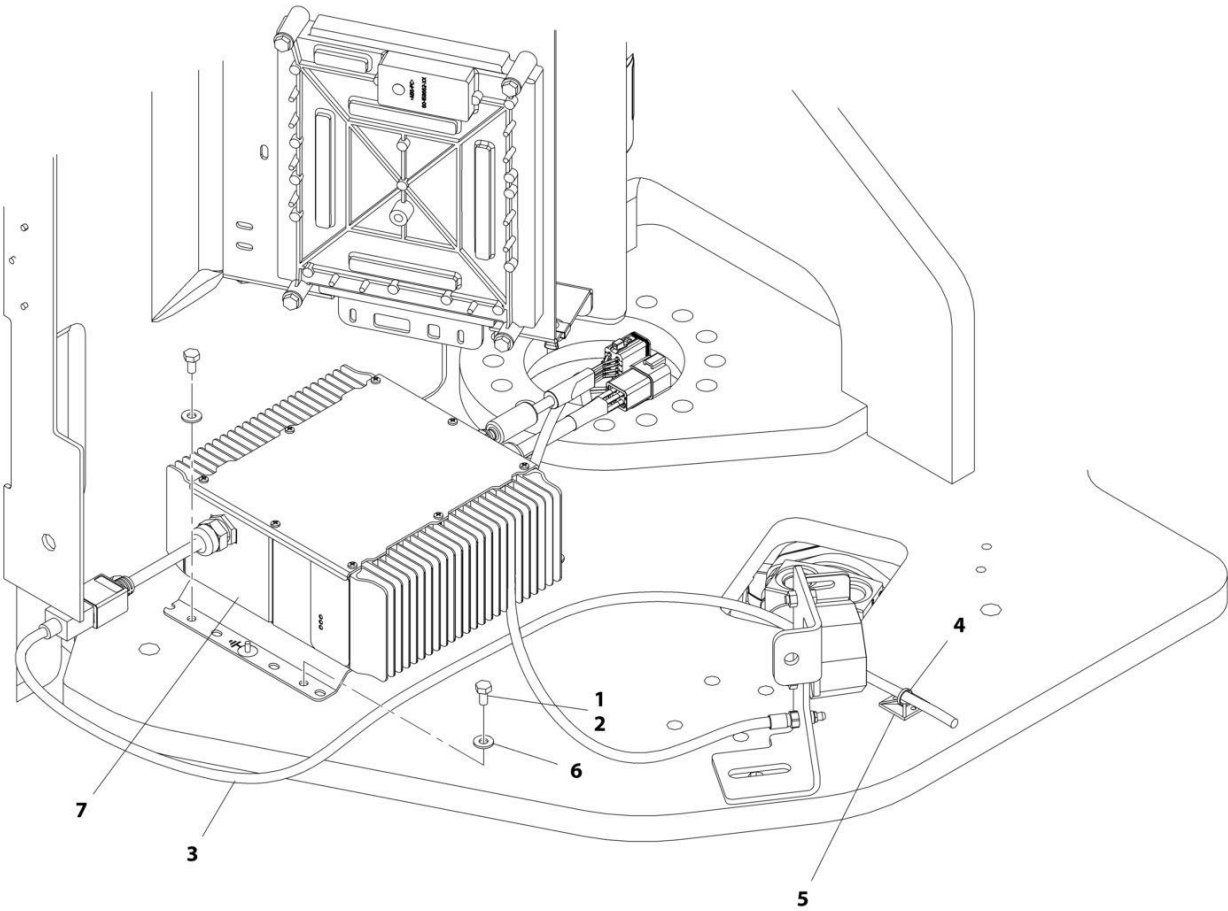
## SECTION 2 - TURNTABLE

**FIGURE 2-23. BATTERY CHARGER INSTALLATION - WITH PLUG (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                       | REV |
|------|-------------|-----|-------------------------------------------------------------------|-----|
|      | 1001183509  | Ref | BATTERY CHARGER INSTALLATION - WITH PLUG (CE SPEC)                | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                 |     |
| 2    | 0641404     | 4   | Bolt 1/4 x 1/2                                                    |     |
| 3    | 1060689     | 1   | Cable, AC Cord                                                    |     |
| 4    | 4240032     | AR  | Tie-Strap                                                         |     |
| 5    | 4460234     | 1   | Mount, Cable                                                      |     |
| 6    | 4460805     | 1   | Plug                                                              |     |
| 7    | 4711400     | 4   | Washer 1/4                                                        |     |
| 8    | 1001103105  | 1   | Battery Charger Assembly (See Separate Breakdown in this Section) |     |

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FIGURE 2-24. BATTERY CHARGER INSTALLATION - WITHOUT PLUG



ART\_1001183510

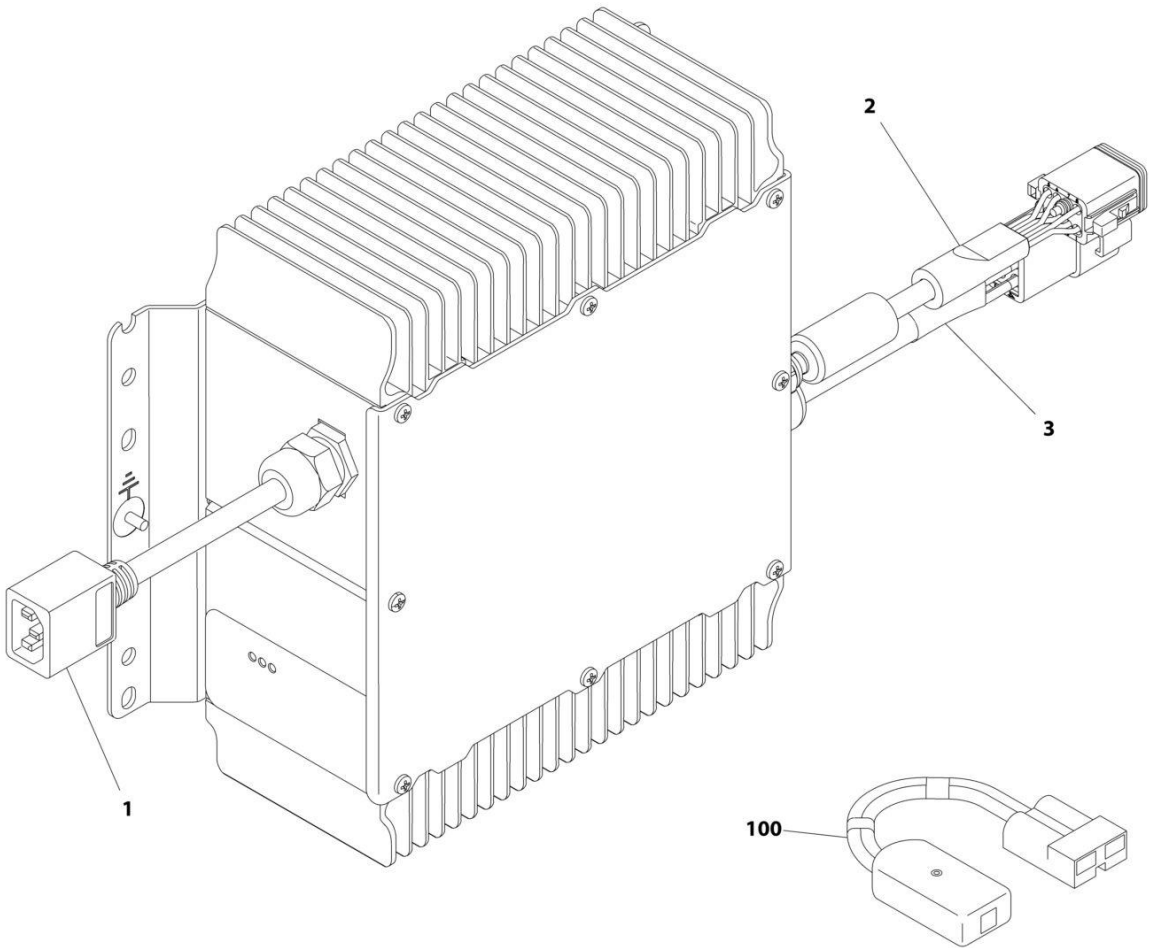
## SECTION 2 - TURNTABLE

**FIGURE 2-24. BATTERY CHARGER INSTALLATION - WITHOUT PLUG**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                       | REV |
|------|-------------|-----|-------------------------------------------------------------------|-----|
|      | 1001183510  | Ref | BATTERY CHARGER INSTALLATION - WITHOUT PLUG                       | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                 |     |
| 2    | 0641404     | 4   | Bolt 1/4 x 1/2                                                    |     |
| 3    | 1060689     | 1   | Cable, AC Cord                                                    |     |
| 4    | 4240032     | AR  | Tie-Strap                                                         |     |
| 5    | 4460234     | 1   | Mount, Cable                                                      |     |
| 6    | 4711400     | 4   | Washer 1/4                                                        |     |
| 7    | 1001103105  | 1   | Battery Charger Assembly (See Separate Breakdown in this Section) |     |

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FIGURE 2-25. BATTERY CHARGER ASSEMBLY



ART\_1001103105

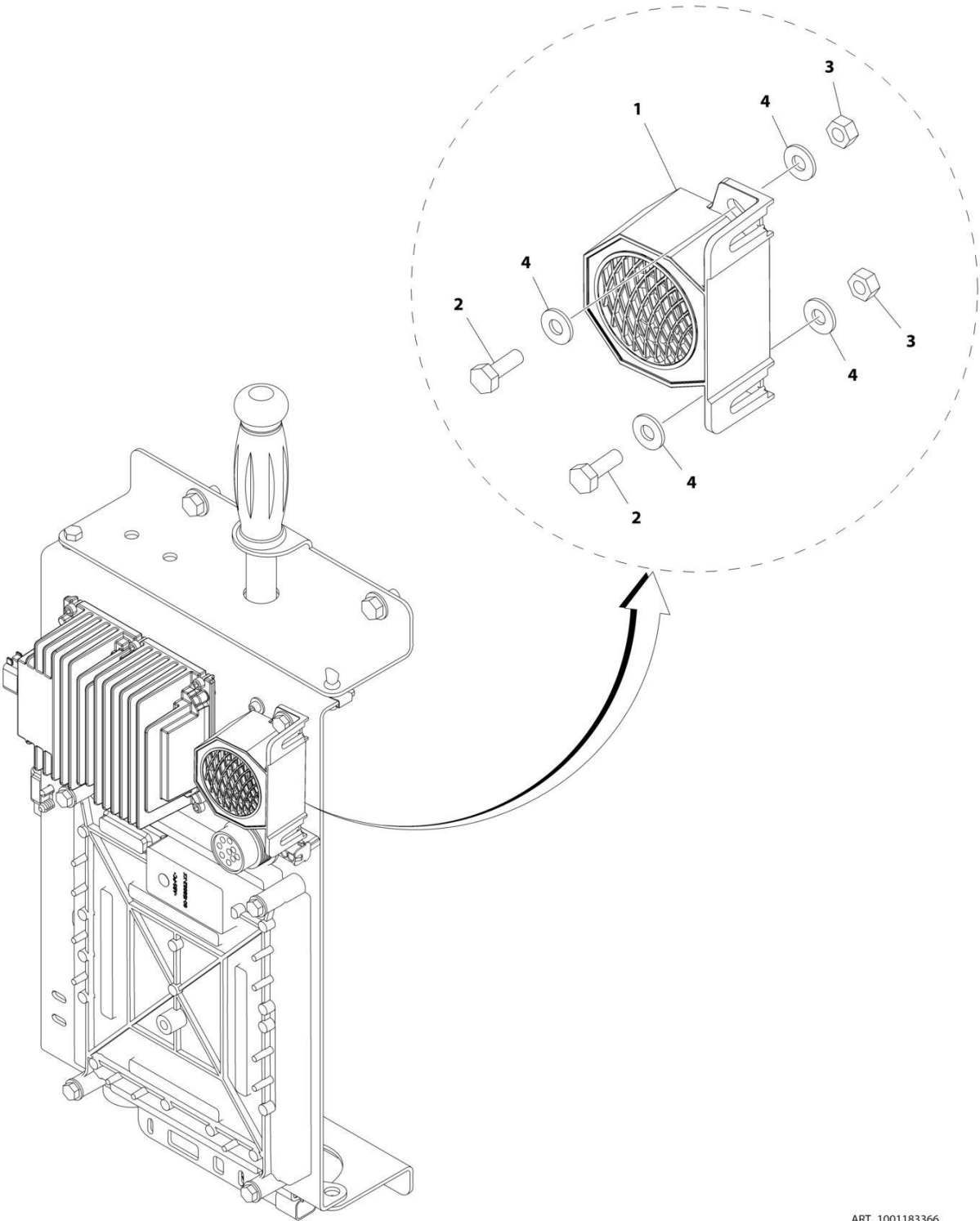
## SECTION 2 - TURNTABLE

**FIGURE 2-25. BATTERY CHARGER ASSEMBLY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                               | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------|-----|
|      | 1001103105  | Ref | BATTERY CHARGER ASSEMBLY                                                                  | D   |
|      |             | Ref | Note: Internal Components are not Serviceable Replace Complete Assembly.                  |     |
| 1    | See Note    | 1   | Harness, Battery Charger AC Plug (Note: Not Available for Purchase)                       |     |
| 1    | See Note    | 1   | Connector, Plug (Note: Not Available for Purchase)                                        |     |
| 2    | See Note    | 1   | Harness, Battery Charger Signal (Note: Not Available for Purchase)                        |     |
| 2    | 4460930     | 1   | Connector - 8 Position                                                                    |     |
| 2    | 4460464     | 7   | Socket, Female                                                                            |     |
| 3    | See Note    | 1   | Harness, Battery Charger Power (Note: Not Available - Purchase Complete Charger)          |     |
| 3    | 1001116811  | 1   | Connector - 4 Position                                                                    |     |
| 3    | 4460508     | 4   | Pin, Male                                                                                 |     |
| 100  | 2915230     | 1   | Battery Charger Reprogram Controller Kit (Includes Controller, Software and Instructions) |     |

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FIGURE 2-26. ALARM INSTALLATION



ART\_1001183366

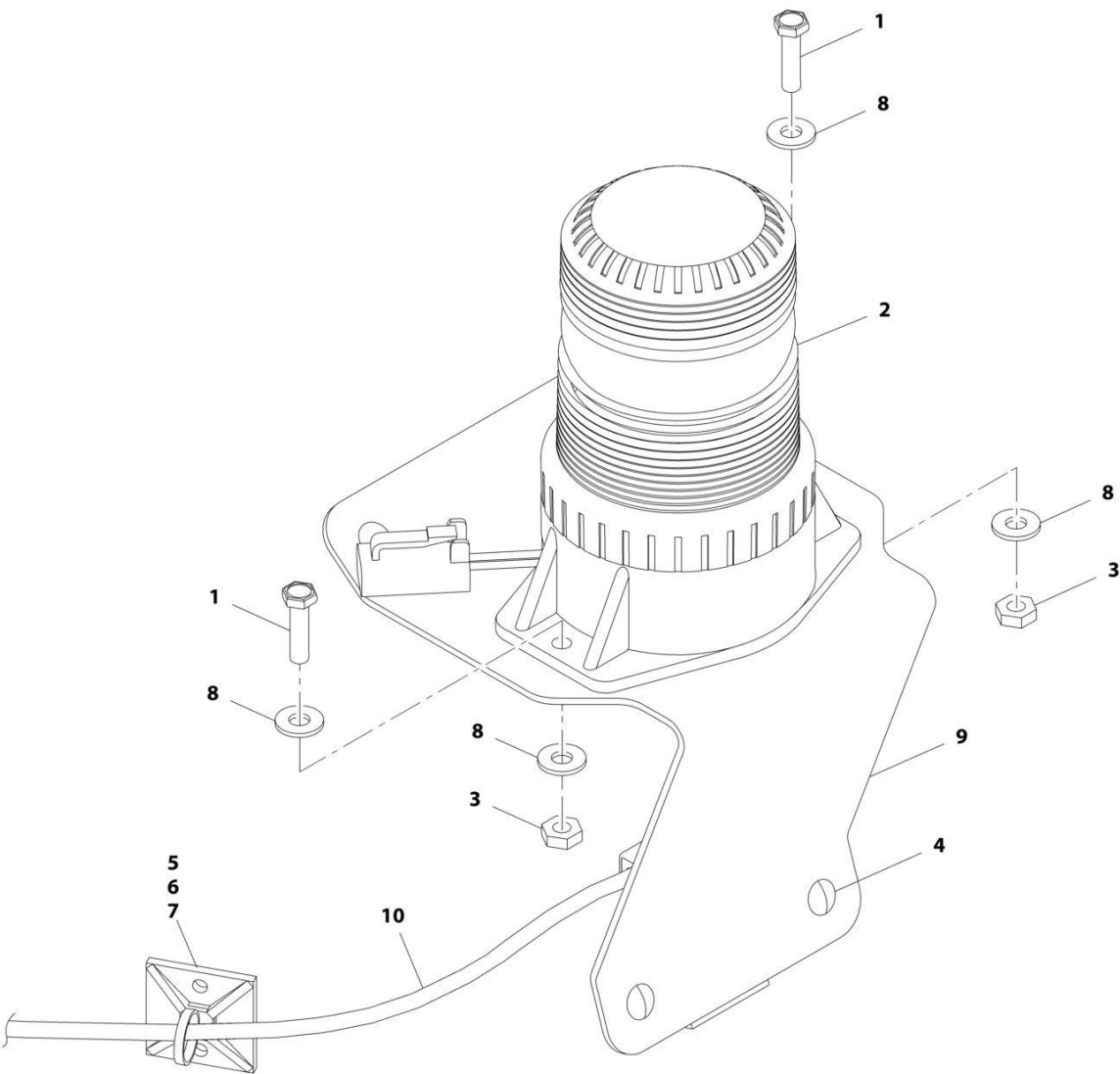
## SECTION 2 - TURNTABLE

**FIGURE 2-26. ALARM INSTALLATION**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001183366  | Ref | ALARM INSTALLATION              | B   |
| 1    | 0140043     | 1   | Alarm                           |     |
| 1    | 4460536     | 1   | Receptacle, Female - 3 Position |     |
| 1    | 4460464     | 3   | Pin, Male                       |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                  |     |
| 3    | 3311405     | 2   | Nut 1/4                         |     |
| 4    | 4711400     | 4   | Washer 1/4                      |     |

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FIGURE 2-27. STROBE LIGHT INSTALLATION - AMBER



ART\_1001194014



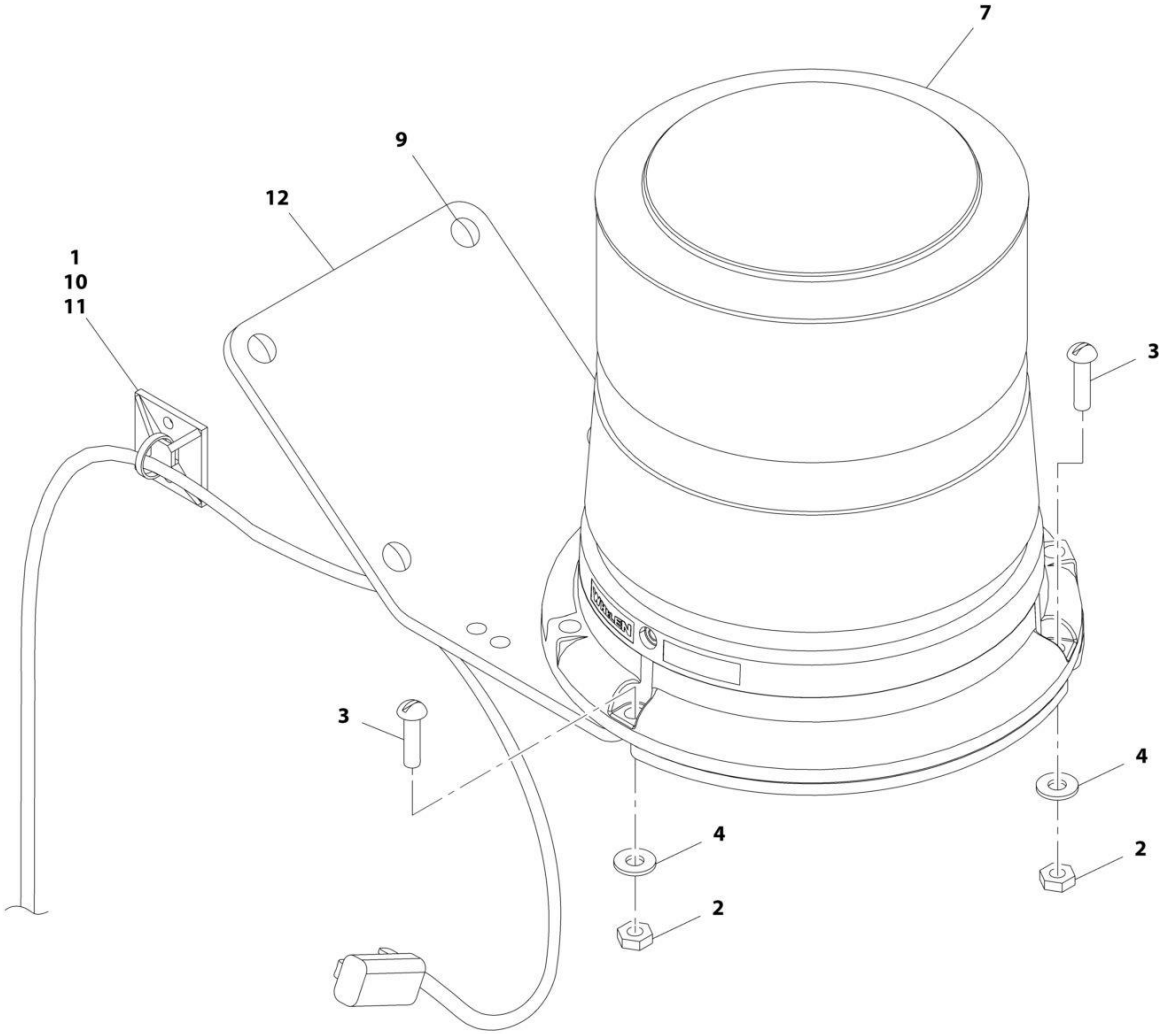
## SECTION 2 - TURNTABLE

**FIGURE 2-27. STROBE LIGHT INSTALLATION - AMBER**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001194014  | Ref | STROBE LIGHT INSTALLATION - AMBER                                   | B   |
| 1    | 0721006     | 2   | Screw #10 x 3/4                                                     |     |
| 2    | 1001191139  | 1   | Strobe Light Assembly                                               |     |
| 2    | 4460891     | 1   | Plug, Male - 2 Position                                             |     |
| 2    | 4460465     | 2   | Socket, Female                                                      |     |
| 2    | 4060865     | 1   | Guard (Optional)                                                    |     |
| 3    | 3311005     | 2   | Nut #10                                                             |     |
| 4    | 3820019     | 4   | Rivet                                                               |     |
| 5    | 4240032     | AR  | Tie-Strap                                                           |     |
| 6    | 4240033     | AR  | Tie-Strap                                                           |     |
| 7    | 4460234     | 2   | Mount, Cable                                                        |     |
| 8    | 4751000     | 4   | Washer #10                                                          |     |
| 9    | 1001173253  | 1   | Bracket                                                             |     |
| 10   | 1001194071  | 1   | Strobe Light Harness (See Separate Breakdown in ELECTRICAL SECTION) |     |

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FIGURE 2-28. STROBE LIGHT INSTALLATION - BLUE (SN 0300211844 through 0300217405)



ART\_1001194989

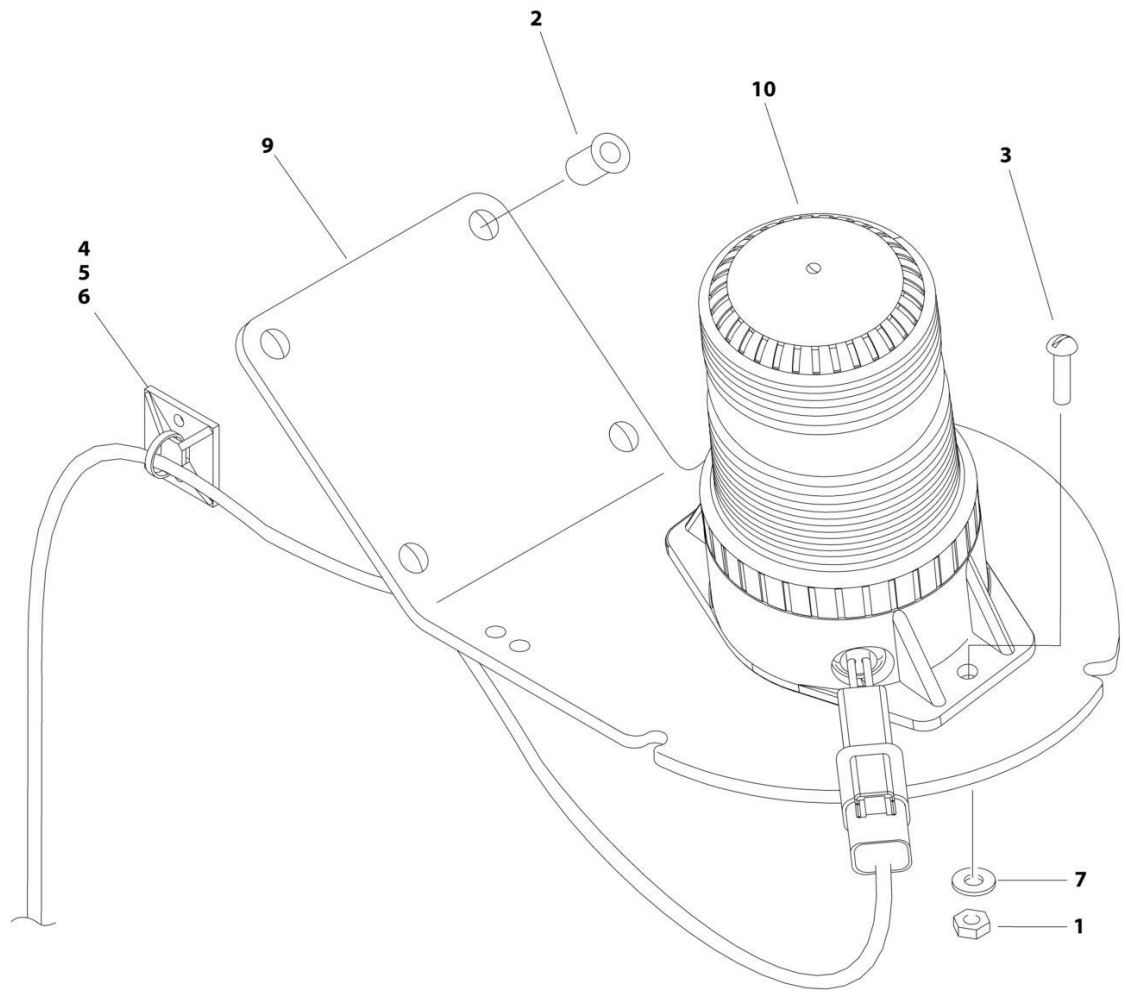
## SECTION 2 - TURNTABLE

**FIGURE 2-28. STROBE LIGHT INSTALLATION - BLUE (SN 0300211844 through 0300217405)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001194989  | Ref | STROBE LIGHT INSTALLATION - BLUE (SN 0300211844 through 0300217405) | B   |
| 1    | 4240032     | AR  | Tie-Strap                                                           |     |
| 2    | 3311005     | 3   | Nut #10                                                             |     |
| 3    | 3911012     | 3   | Screw #10 x 3/4                                                     |     |
| 4    | 4711000     | 3   | Washer #10                                                          |     |
| 7    | 1001143431  | NLA | Strobe Light Assembly (Use p/n 1001210696)                          |     |
| 7    | 4460897     | 1   | Receptacle, Female - 2 Position                                     |     |
| 7    | 4460943     | 2   | Pin, Male                                                           |     |
| 9    | 3820020     | 4   | Rivet                                                               |     |
| 10   | 4240033     | AR  | Tie-Strap                                                           |     |
| 11   | 4460234     | 5   | Mount, Cable                                                        |     |
| 12   | 1001197583  | 1   | Bracket                                                             |     |

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FIGURE 2-29. STROBE LIGHT INSTALLATION - BLUE (SN 0300217406 through 0300256384)



ART\_1001205500

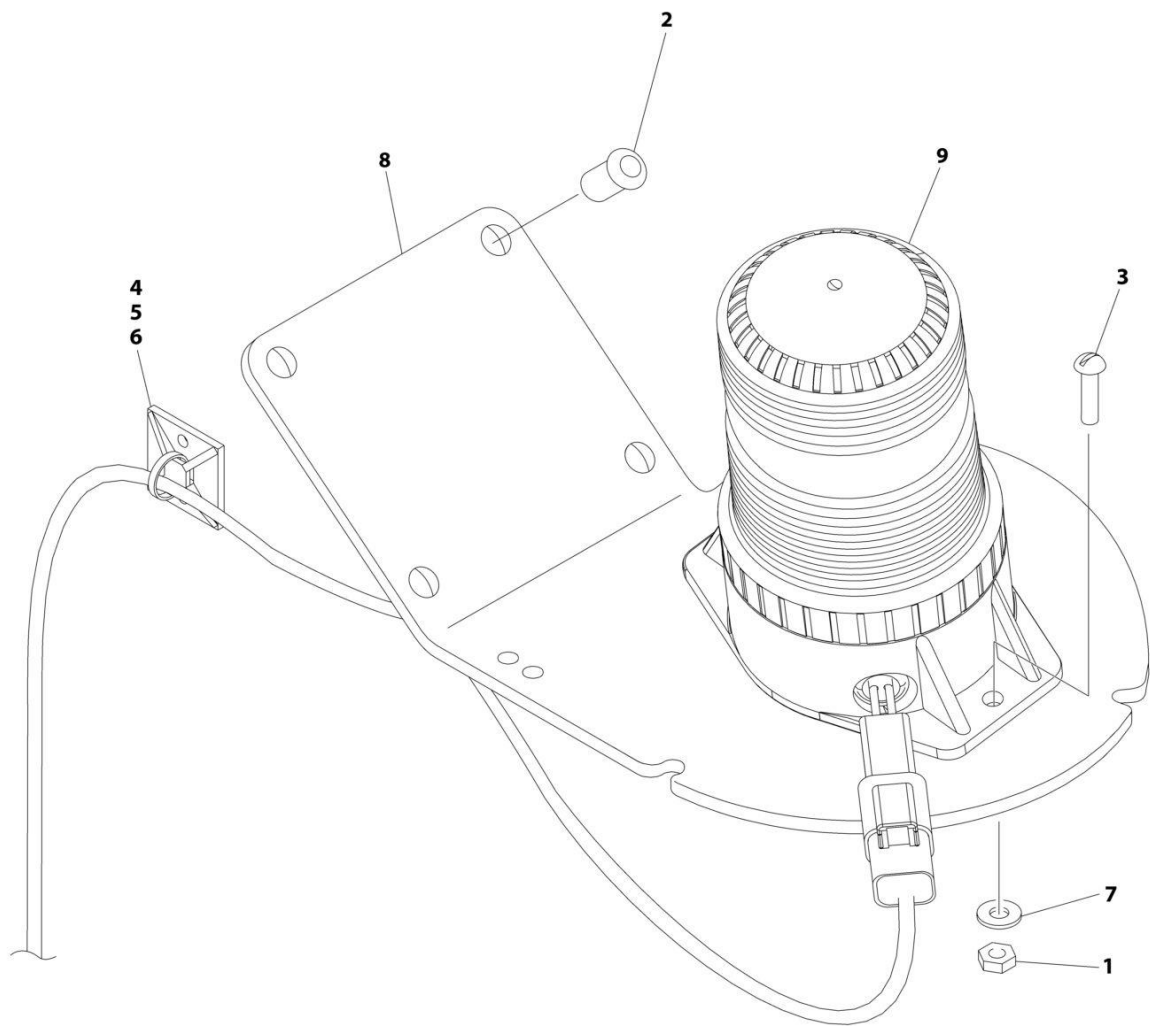
## SECTION 2 - TURNTABLE

**FIGURE 2-29. STROBE LIGHT INSTALLATION - BLUE (SN 0300217406 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                      | REV |
|------|-------------|-----|----------------------------------|-----|
|      | 1001205500  | Ref | STROBE LIGHT INSTALLATION - BLUE | C   |
| 1    | 3311005     | 2   | Nut #10                          |     |
| 2    | 3820020     | 4   | Rivet                            |     |
| 3    | 3911012     | 2   | Screw #10 x 3/4                  |     |
| 4    | 4240032     | AR  | Tie-Strap                        |     |
| 5    | 4240033     | AR  | Tie-Strap                        |     |
| 6    | 4460234     | 5   | Mount, Cable                     |     |
| 7    | 4711000     | 4   | Washer #10                       |     |
| 9    | 1001197583  | 1   | Bracket                          |     |
| 10   | 1001200910  | 1   | Strobe Light Assembly            |     |
| 10   | 4460897     | 1   | Receptacle, Female - 2 Position  |     |
| 10   | 4460464     | 2   | Pin, Male                        |     |

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FIGURE 2-30. STROBE LIGHT INSTALLATION - BLUE (SN 0300256384 through 0300272206)



ART\_1001239662

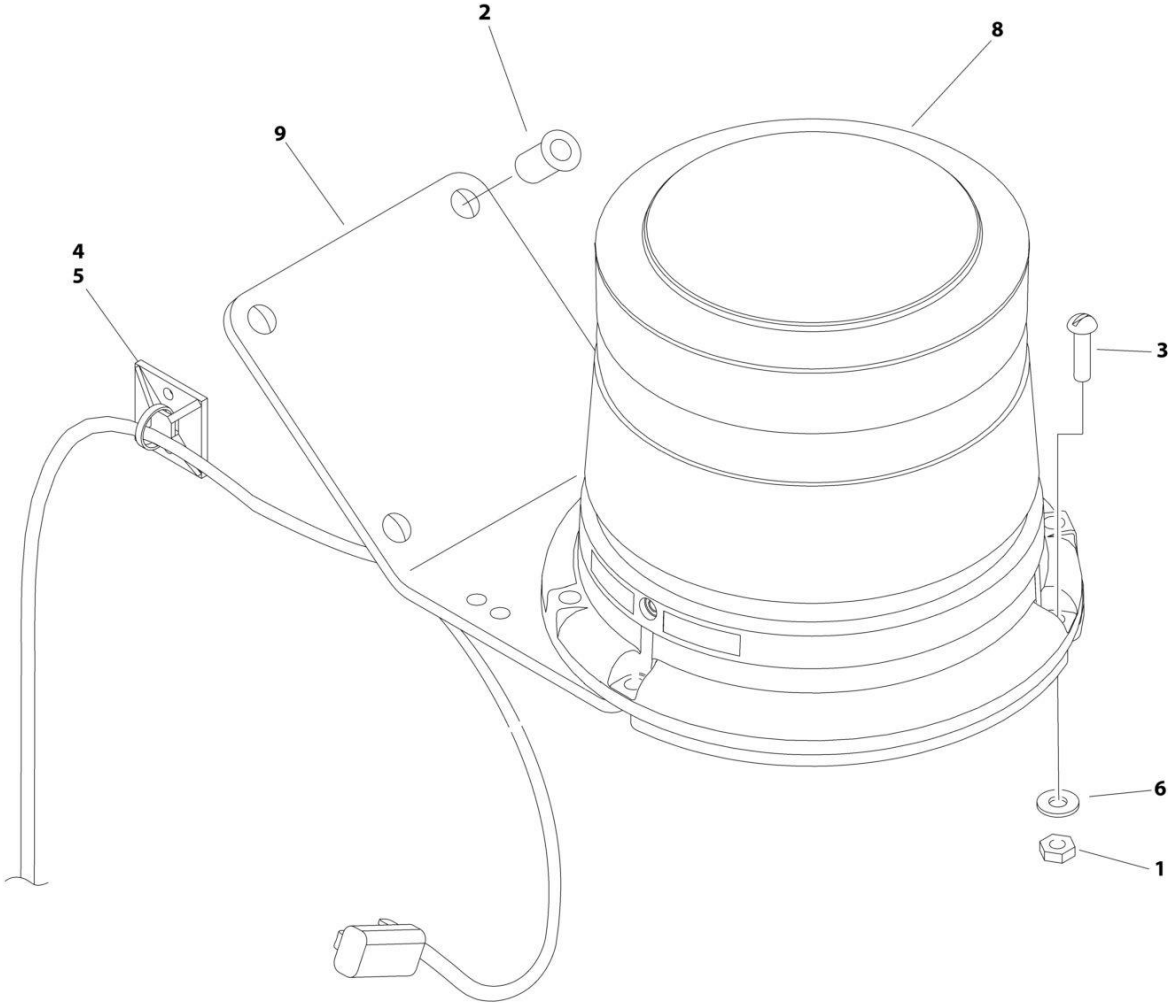
## SECTION 2 - TURNTABLE

**FIGURE 2-30. STROBE LIGHT INSTALLATION - BLUE (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                      | REV |
|------|-------------|-----|----------------------------------|-----|
|      | 1001239662  | Ref | STROBE LIGHT INSTALLATION - BLUE | A   |
| 1    | 3311005     | 2   | Nut #10                          |     |
| 2    | 3820020     | 4   | Rivet                            |     |
| 3    | 3911012     | 2   | Screw #10 x 3/4                  |     |
| 4    | 4240032     | 5   | Tie-Strap                        |     |
| 5    | 4240033     | AR  | Tie-Strap                        |     |
| 6    | 4460234     | 5   | Mount, Cable                     |     |
| 7    | 4711000     | 4   | Washer #10                       |     |
| 8    | 1001197583  | 1   | Bracket                          |     |
| 9    | 1001200910  | 1   | Strobe Light Assembly            |     |
| 9    | 4460897     | 1   | Receptacle, Female - 2 Position  |     |
| 9    | 4460464     | 2   | Pin, Male                        |     |

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FIGURE 2-31. STROBE LIGHT INSTALLATION - RED (SN 0300211844 through 0300217097)



ART\_1001207312



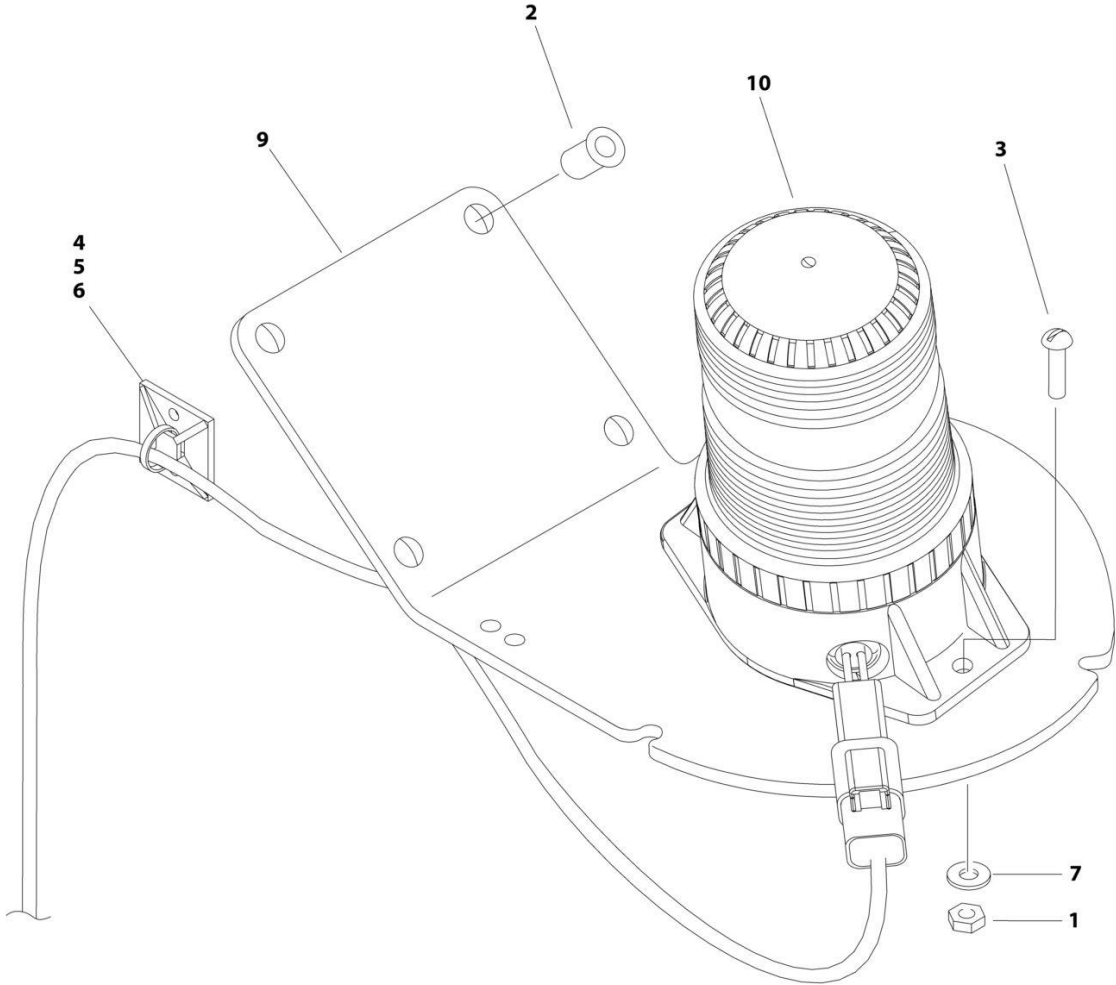
## SECTION 2 - TURNTABLE

**FIGURE 2-31. STROBE LIGHT INSTALLATION - RED (SN 0300211844 through 0300217097)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                        | REV |
|------|-------------|-----|--------------------------------------------------------------------|-----|
|      | 1001207312  | Ref | STROBE LIGHT INSTALLATION - RED (SN 0300211844 through 0300217097) | B   |
| 1    | 3311005     | 3   | Nut #10                                                            |     |
| 2    | 3820020     | 4   | Rivet                                                              |     |
| 3    | 3911012     | 3   | Screw #10 x 3/4                                                    |     |
| 4    | 4240032     | 5   | Tie-Strap                                                          |     |
| 5    | 4460234     | 5   | Mount, Cable                                                       |     |
| 6    | 4711000     | 3   | Washer #10                                                         |     |
| 8    | 1001197067  | 1   | Strobe Light Assembly - Red                                        |     |
| 8    | 4460897     | 1   | Receptacle, Female - 2 Position                                    |     |
| 8    | 4460464     | 2   | Pin, Male                                                          |     |
| 9    | 1001197583  | 1   | Bracket                                                            |     |

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FIGURE 2-32. STROBE LIGHT INSTALLATION - RED (SN 0300217098 through 0300256384)



ART\_1001209877

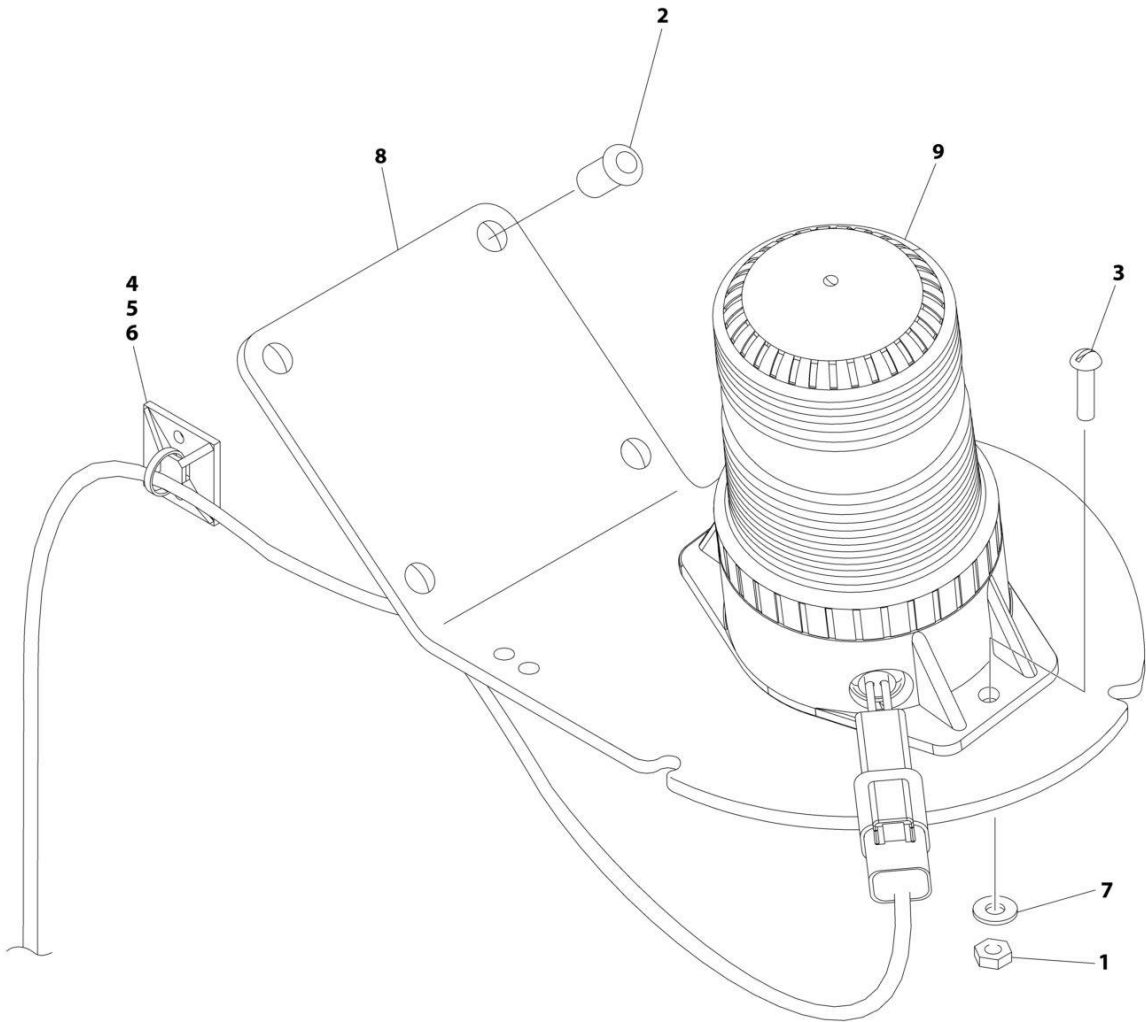
## SECTION 2 - TURNTABLE

**FIGURE 2-32. STROBE LIGHT INSTALLATION - RED (SN 0300217098 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001209877  | Ref | STROBE LIGHT INSTALLATION - RED | B   |
| 1    | 3311005     | 2   | Nut #10                         |     |
| 2    | 3820020     | 4   | Rivet                           |     |
| 3    | 3911012     | 2   | Screw #10 x 3/4                 |     |
| 4    | 4240032     | 5   | Tie-Strap                       |     |
| 5    | 4240033     | AR  | Tie-Strap                       |     |
| 6    | 4460234     | 5   | Mount, Cable                    |     |
| 7    | 4711000     | 4   | Washer #10                      |     |
| 9    | 1001197583  | 1   | Bracket                         |     |
| 10   | 1001207004  | 1   | Strobe Light Assembly - Red     |     |
| 10   | 4460897     | 1   | Receptacle, Female - 2 Position |     |
| 10   | 4460464     | 2   | Pin, Male                       |     |

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FIGURE 2-33. STROBE LIGHT INSTALLATION - RED (SN 0300256384 through 0300272206)



ART\_1001239663

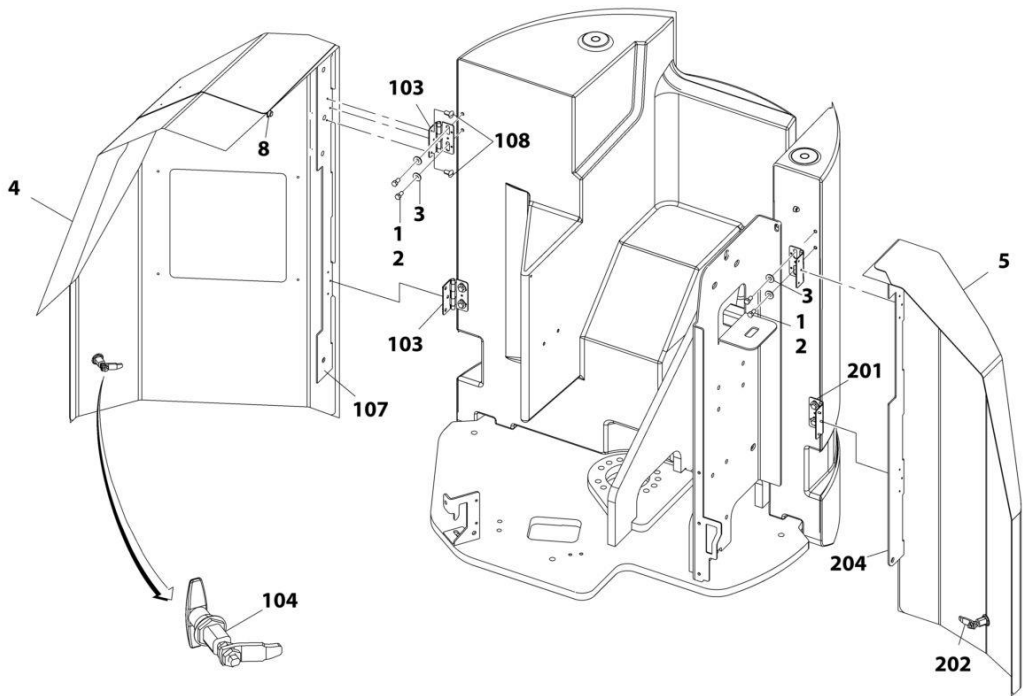
## SECTION 2 - TURNTABLE

**FIGURE 2-33. STROBE LIGHT INSTALLATION - RED (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001239663  | Ref | STROBE LIGHT INSTALLATION - RED | A   |
| 1    | 3311005     | 2   | Nut #10                         |     |
| 2    | 3820020     | 4   | Rivet                           |     |
| 3    | 3911012     | 2   | Screw #10 x 3/4                 |     |
| 4    | 4240032     | 5   | Tie-Strap                       |     |
| 5    | 4240033     | AR  | Tie-Strap                       |     |
| 6    | 4460234     | 5   | Mount, Cable                    |     |
| 7    | 4711000     | 4   | Washer #10                      |     |
| 8    | 1001197583  | 1   | Bracket                         |     |
| 9    | 1001207004  | 1   | Strobe Light Assembly - Red     |     |
| 9    | 4460897     | 1   | Receptacle, Female - 2 Position |     |
| 9    | 4460464     | 2   | Pin, Male                       |     |

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FIGURE 2-34. HOODS INSTALLATION



ART\_1001164606

## SECTION 2 - TURNTABLE

**FIGURE 2-34. HOODS INSTALLATION**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                          | REV |
|------|-------------|-----|------------------------------------------------------|-----|
|      | 1001164606  | Ref | HOODS INSTALLATION                                   | D   |
| 1    | 0100011     | AR  | Compound, Locking                                    |     |
| 2    | 0641606     | 8   | Bolt 3/8 x 3/4                                       |     |
| 3    | 4751600     | 8   | Washer 3/8                                           |     |
| 4    | 1001164239  | 1   | Hood Assembly - LH (See Items 101-108 for Breakdown) |     |
| 5    | 1001164280  | 1   | Hood Assembly - RH (See Items 201-204 for Breakdown) |     |
| 8    | 0940036     | 2   | Door, Bumper                                         |     |
|      | 1001164239  | Ref | HOOD ASSEMBLY - LH                                   | G   |
| 103  | 2600258     | 2   | Hinge                                                |     |
| 104  | 2940117     | 1   | Latch                                                |     |
| 107  | 1001164238  | 1   | Hood Steel - LH                                      |     |
| 108  | 3820020     | 6   | Rivet, Pop                                           |     |
|      | 1001164280  | Ref | HOOD ASSEMBLY - RH                                   | G   |
| 201  | 2600258     | 1   | Hinge                                                |     |
| 202  | 2940117     | 1   | Latch                                                |     |
| 203  | 3820020     | 1   | Rivet, Pop (Not Shown)                               |     |
| 204  | 1001164257  | 1   | Hood Steel - RH                                      |     |

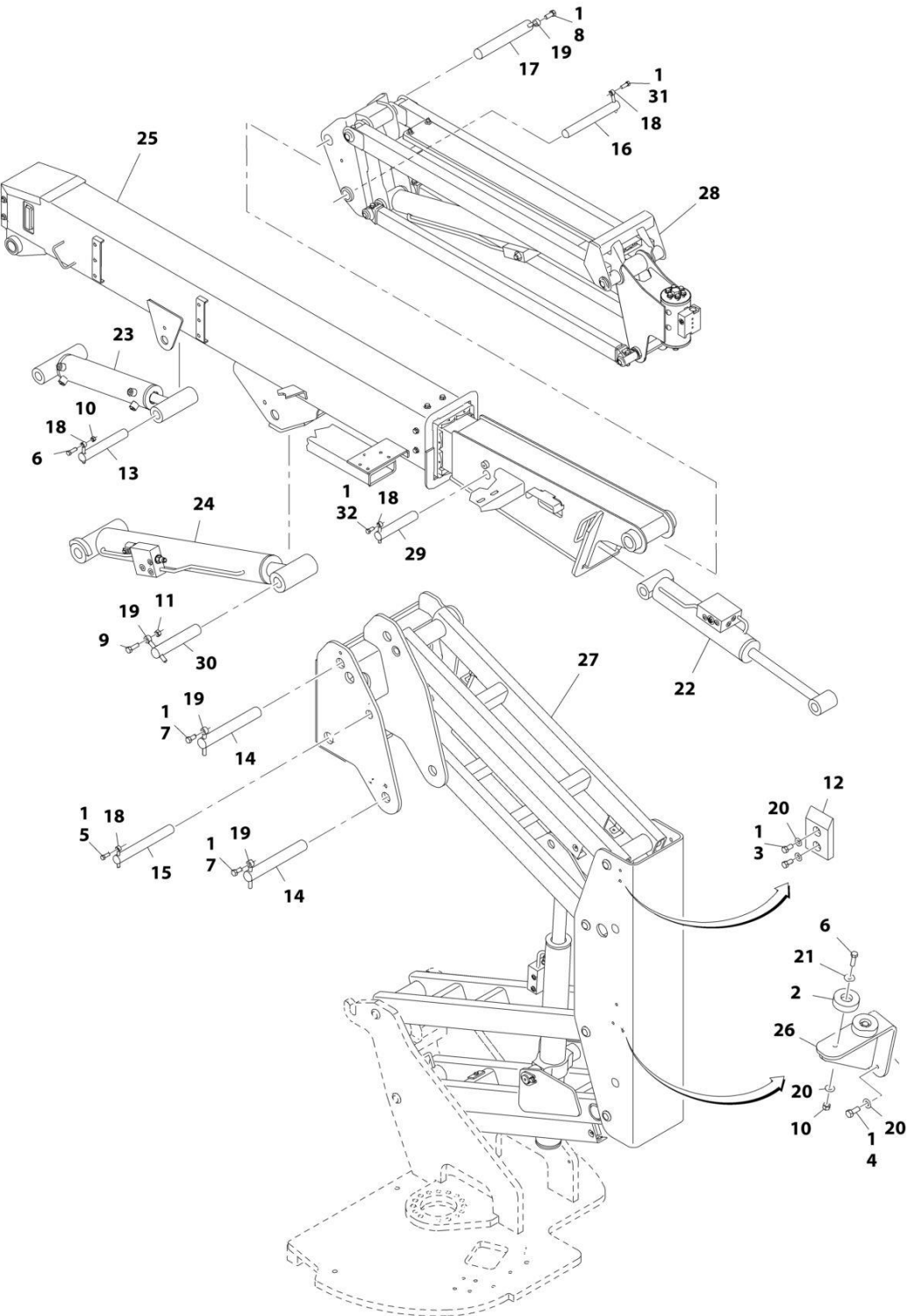




**SECTION 3 - BOOM**

SECTION 3 - BOOM

FIGURE 3-1. BOOM AND CYLINDERS INSTALLATION - E300AJ



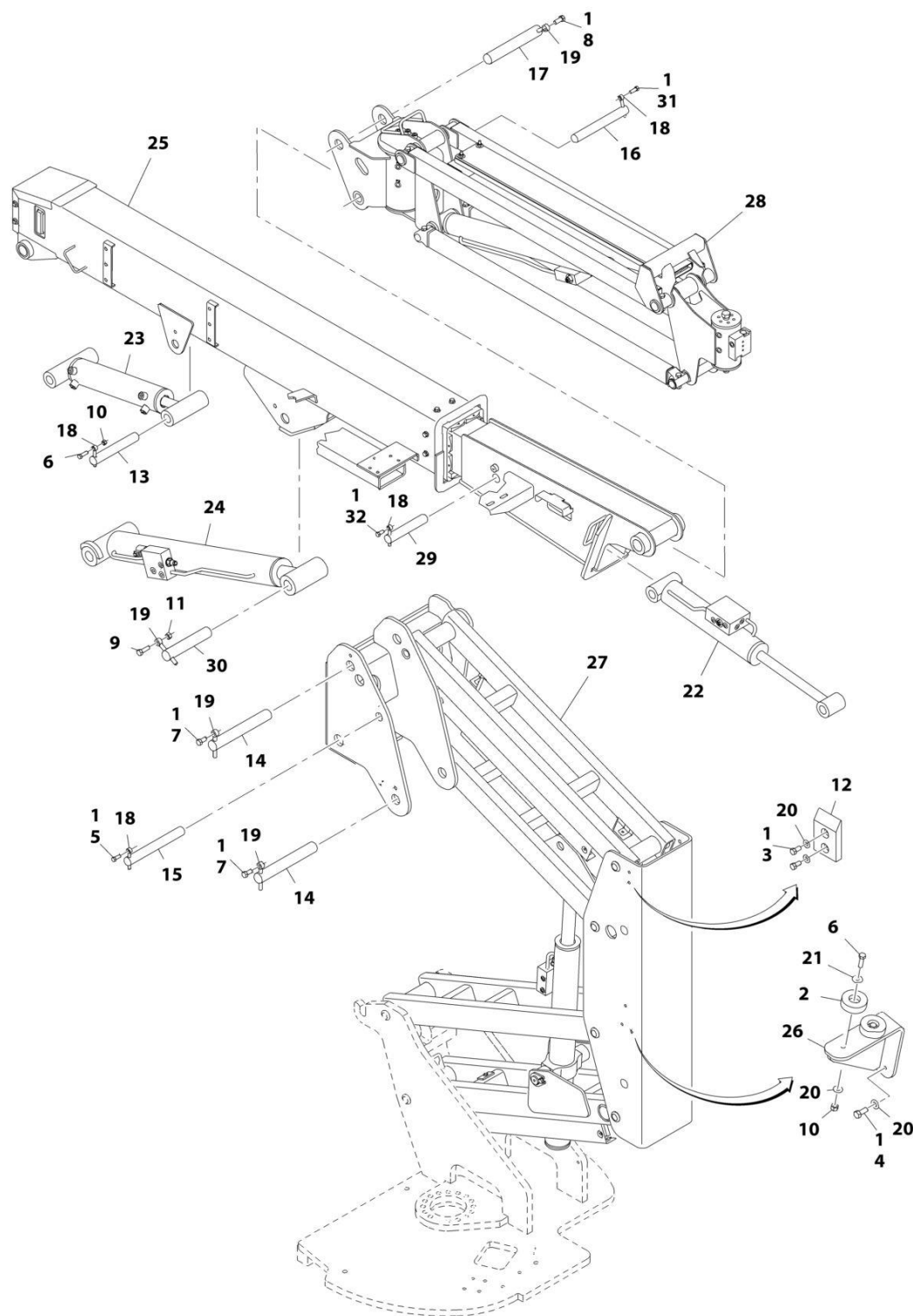
ART\_1001108553

FIGURE 3-1. BOOM AND CYLINDERS INSTALLATION - E300AJ

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                                  | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001108553  | Ref | BOOM AND CYLINDERS INSTALLATION - E300AJ                                                                                                     | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                                                                                            |     |
| 2    | 1001112607  | 2   | Block, Boom Rest                                                                                                                             |     |
| 3    | 0641606     | 2   | Bolt 3/8 x 3/4                                                                                                                               |     |
| 4    | 0641607     | 3   | Bolt 3/8 x 7/8                                                                                                                               |     |
| 5    | 0641608     | 1   | Bolt 3/8 x 1                                                                                                                                 |     |
| 6    | 0641610     | 3   | Bolt 3/8 x 1-1/4                                                                                                                             |     |
| 7    | 0641808     | 2   | Bolt 1/2 x 1                                                                                                                                 |     |
| 8    | 0761215     | 1   | Bolt M12 x 35                                                                                                                                |     |
| 9    | 0641812     | 1   | Bolt 1/2 x 1-1/2                                                                                                                             |     |
| 10   | 3311605     | 3   | Nut 3/8                                                                                                                                      |     |
| 11   | 3311805     | 1   | Nut 1/2                                                                                                                                      |     |
| 12   | 3340854     | 1   | Pad, Boom Guide                                                                                                                              |     |
| 13   | 3422582     | 1   | Pin                                                                                                                                          |     |
| 14   | 3422787     | 2   | Pin                                                                                                                                          |     |
| 15   | 3422790     | 1   | Pin                                                                                                                                          |     |
| 16   | 3422792     | 1   | Pin                                                                                                                                          |     |
| 17   | 3422814     | 1   | Pin                                                                                                                                          |     |
| 18   | 3841143     | 4   | Keeper, Pin                                                                                                                                  |     |
| 19   | 3841203     | 4   | Keeper, Pin                                                                                                                                  |     |
| 20   | 4711600     | 7   | Washer 3/8                                                                                                                                   |     |
| 21   | 4751600     | 2   | Washer 3/8                                                                                                                                   |     |
| 22   | 1001105153  | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001203949) (See CYLINDER SECTION for Breakdown) <b>(SN 0300211844 through 0300221077)</b> |     |
| 22   | 1001203949  | 1   | Level Cylinder Assembly - Platform Slave (See CYLINDER SECTION for Breakdown) <b>(SN 0300221078 through 0300272206)</b>                      |     |
| 23   | 1001105989  | 1   | Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)                                                                                |     |
| 24   | 1001106880  | 1   | Lift Cylinder Assembly - Main Boom (See CYLINDER SECTION for Breakdown)                                                                      |     |
| 25   | 1001117885  | NLA | Main Boom Assembly (Use p/n 1001125317) (See MAIN BOOM ASSEMBLY - E300AJ for Breakdown)                                                      |     |
| 26   | 1001125235  | 1   | Plate, Boom Rest                                                                                                                             |     |
| 27   | 1001108387  | 1   | Tower Boom Assembly (See TOWER BOOM ASSEMBLY - E300AJ for Breakdown)                                                                         |     |
| 28   | 1001123025  | NLA | Jib Assembly (Use p/n 1001125318) (See JIB ASSEMBLY - E300AJ for Breakdown)                                                                  |     |
| 29   | 3422709     | 1   | Pin                                                                                                                                          |     |
| 30   | 1001109528  | 1   | Pin                                                                                                                                          |     |
| 31   | 0761014     | 1   | Bolt M10 x 30                                                                                                                                |     |
| 32   | 0761011     | 1   | Bolt M10 x 22                                                                                                                                |     |

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FIGURE 3-2. BOOM AND CYLINDERS INSTALLATION - E300AJP



ART\_1001107584

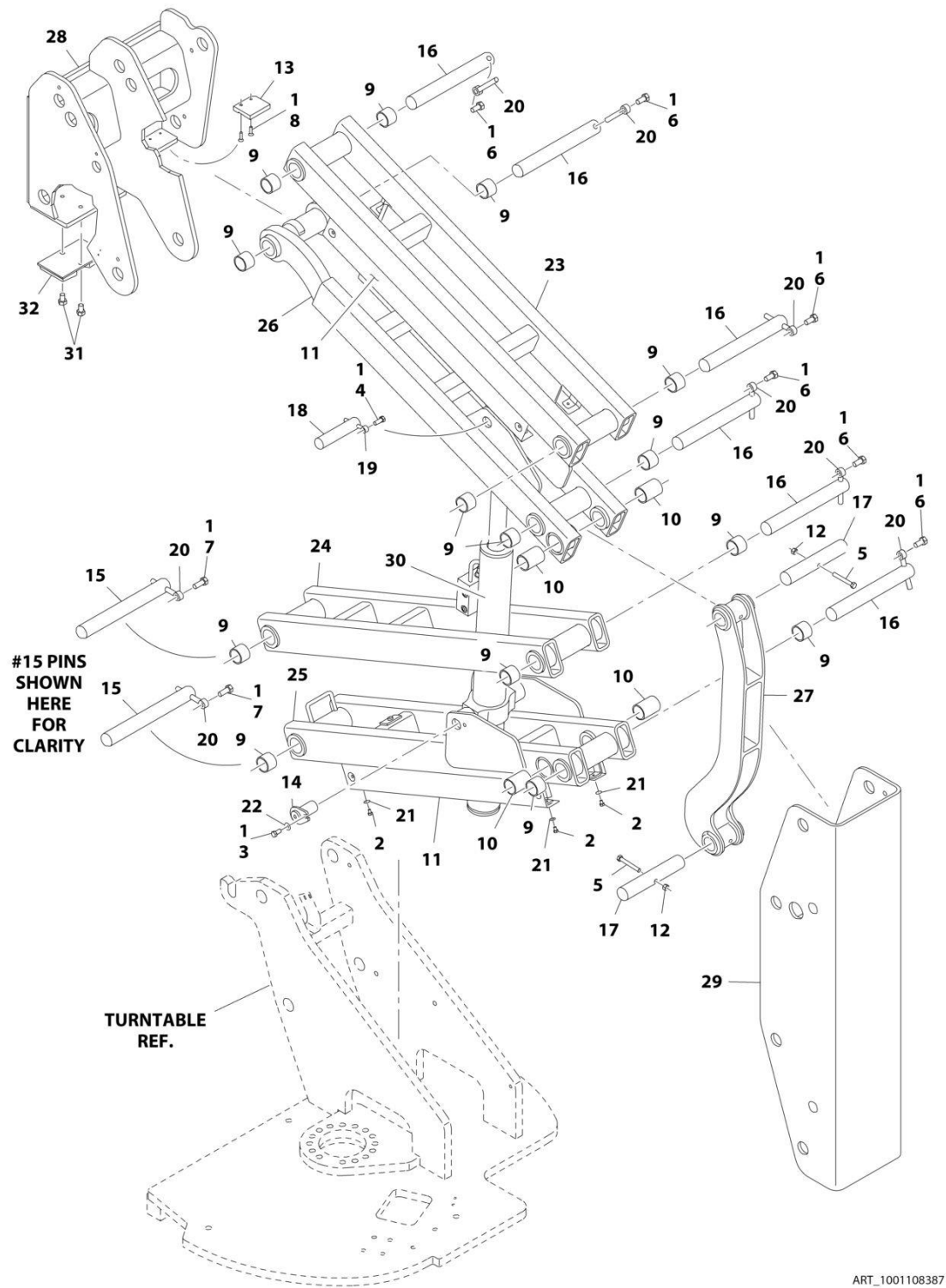
## SECTION 3 - BOOM

**FIGURE 3-2. BOOM AND CYLINDERS INSTALLATION - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                                  | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001107584  | Ref | BOOM AND CYLINDERS INSTALLATION - E300AJP                                                                                                    | D   |
| 1    | 0100011     | AR  | Compound, Locking                                                                                                                            |     |
| 2    | 1001112607  | 2   | Block, Boom Rest                                                                                                                             |     |
| 3    | 0641606     | 2   | Bolt 3/8 x 3/4                                                                                                                               |     |
| 4    | 0641607     | 3   | Bolt 3/8 x 7/8                                                                                                                               |     |
| 5    | 0641608     | 1   | Bolt 3/8 x 1                                                                                                                                 |     |
| 6    | 0641610     | 3   | Bolt 3/8 x 1-1/4                                                                                                                             |     |
| 7    | 0641808     | 2   | Bolt 1/2 x 1                                                                                                                                 |     |
| 8    | 0761215     | 1   | Bolt M12 x 35                                                                                                                                |     |
| 9    | 0641812     | 1   | Bolt 1/2 x 1-1/2                                                                                                                             |     |
| 10   | 3311605     | 3   | Nut 3/8                                                                                                                                      |     |
| 11   | 3311805     | 1   | Nut 1/2                                                                                                                                      |     |
| 12   | 3340854     | 1   | Pad, Boom Guide                                                                                                                              |     |
| 13   | 3422582     | 1   | Pin                                                                                                                                          |     |
| 14   | 3422787     | 2   | Pin                                                                                                                                          |     |
| 15   | 3422790     | 1   | Pin                                                                                                                                          |     |
| 16   | 3422792     | 1   | Pin                                                                                                                                          |     |
| 17   | 3422814     | 1   | Pin                                                                                                                                          |     |
| 18   | 3841143     | 4   | Keeper, Pin                                                                                                                                  |     |
| 19   | 3841203     | 4   | Keeper, Pin                                                                                                                                  |     |
| 20   | 4711600     | 7   | Washer 3/8                                                                                                                                   |     |
| 21   | 4751600     | 2   | Washer 3/8                                                                                                                                   |     |
| 22   | 1001105153  | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001203949) (See CYLINDER SECTION for Breakdown) <b>(SN 0300211844 through 0300221077)</b> |     |
| 22   | 1001203949  | 1   | Level Cylinder Assembly - Platform Slave (See CYLINDER SECTION for Breakdown) <b>(SN 0300221078 through 0300272206)</b>                      |     |
| 23   | 1001105989  | 1   | Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)                                                                                |     |
| 24   | 1001106880  | 1   | Lift Cylinder Assembly - Main Boom (See CYLINDER SECTION for Breakdown)                                                                      |     |
| 25   | 1001123023  | NLA | Main Boom Assembly (Use p/n 1001125316) (see MAIN BOOM ASSEMBLY - E300AJP for Breakdown)                                                     |     |
| 26   | 1001125235  | 1   | Plate, Boom Rest                                                                                                                             |     |
| 27   | 1001107583  | 1   | Tower Boom Assembly (See TOWER BOOM ASSEMBLY - E300AJP for Breakdown)                                                                        |     |
| 28   | 1001123024  | 1   | Jib Assembly (See JIB ASSEMBLY - E300AJP for Breakdown)                                                                                      |     |
| 29   | 3422709     | 1   | Pin                                                                                                                                          |     |
| 30   | 1001109528  | 1   | Pin                                                                                                                                          |     |
| 31   | 0761014     | 1   | Bolt M10 x 30                                                                                                                                |     |
| 32   | 0761011     | 1   | Bolt M10 x 22                                                                                                                                |     |

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FIGURE 3-3. TOWER BOOM ASSEMBLY - E300AJ



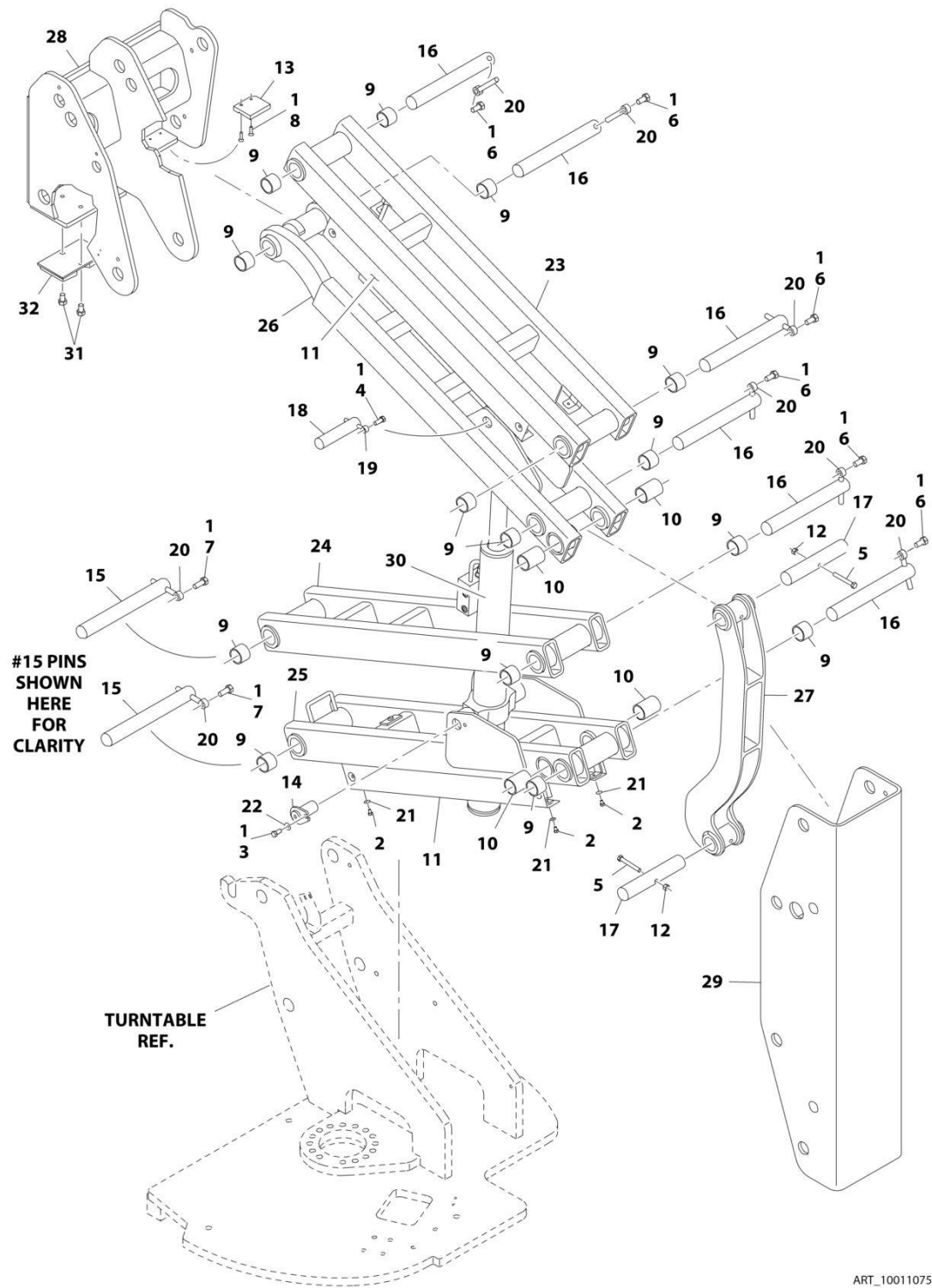
## SECTION 3 - BOOM

**FIGURE 3-3. TOWER BOOM ASSEMBLY - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------|-----|
|      | 1001108387  | Ref | TOWER BOOM ASSEMBLY - E300AJ                                                     | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                                |     |
| 2    | 0641403     | 12  | Bolt 1/4 x 3/8                                                                   |     |
| 3    | 0641606     | 2   | Bolt 3/8 x 3/4                                                                   |     |
| 4    | 0641608     | 1   | Bolt 3/8 x 1                                                                     |     |
| 5    | 0641622     | 2   | Bolt 3/8 x 2-3/4                                                                 |     |
| 6    | 0641808     | 6   | Bolt 1/2 x 1                                                                     |     |
| 7    | 0641810     | 2   | Bolt 1/2 x 1-1/4                                                                 |     |
| 8    | 0741408     | 2   | Screw 1/4 x 1                                                                    |     |
| 9    | 0961948     | 16  | Bearing                                                                          |     |
| 10   | 0962259     | 4   | Bearing                                                                          |     |
| 11   | 1271433     | 4   | Channel, Boom Cable/Hose                                                         |     |
| 12   | 3311605     | 2   | Nut 3/8                                                                          |     |
| 13   | 3340865     | 1   | Pad, Wear                                                                        |     |
| 14   | 3422424     | 2   | Pin                                                                              |     |
| 15   | 3422785     | 2   | Pin                                                                              |     |
| 16   | 3422786     | 6   | Pin                                                                              |     |
| 17   | 3422788     | 2   | Pin                                                                              |     |
| 18   | 3422789     | 1   | Pin                                                                              |     |
| 19   | 3841143     | 1   | Keeper, Pin                                                                      |     |
| 20   | 3841203     | 8   | Keeper, Pin                                                                      |     |
| 21   | 4711400     | 12  | Washer 1/4                                                                       |     |
| 22   | 4711600     | 2   | Washer 3/8                                                                       |     |
| 23   | 4845940     | 1   | Link, Mid Boom (Top)                                                             |     |
| 24   | 4845942     | 1   | Link, Lower Boom (Top)                                                           |     |
| 25   | 4845943     | 1   | Link, Lower Boom (Bottom)                                                        |     |
| 26   | 4845941     | 1   | Link, Mid Boom (Bottom)                                                          |     |
| 27   | 1001097487  | 1   | Link, Timing                                                                     |     |
| 28   | 1001107217  | 1   | Upright (Top)                                                                    |     |
| 29   | 1001107567  | 1   | Upright (Bottom)                                                                 |     |
| 30   | 1001107886  | 1   | Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER SECTION) |     |
| 31   | 0641806     | 2   | Bolt 1/2 x 3/4                                                                   |     |
| 32   | 0940048     | 1   | Bumper                                                                           |     |

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FIGURE 3-4. TOWER BOOM ASSEMBLY - E300AJP



ART\_1001107583



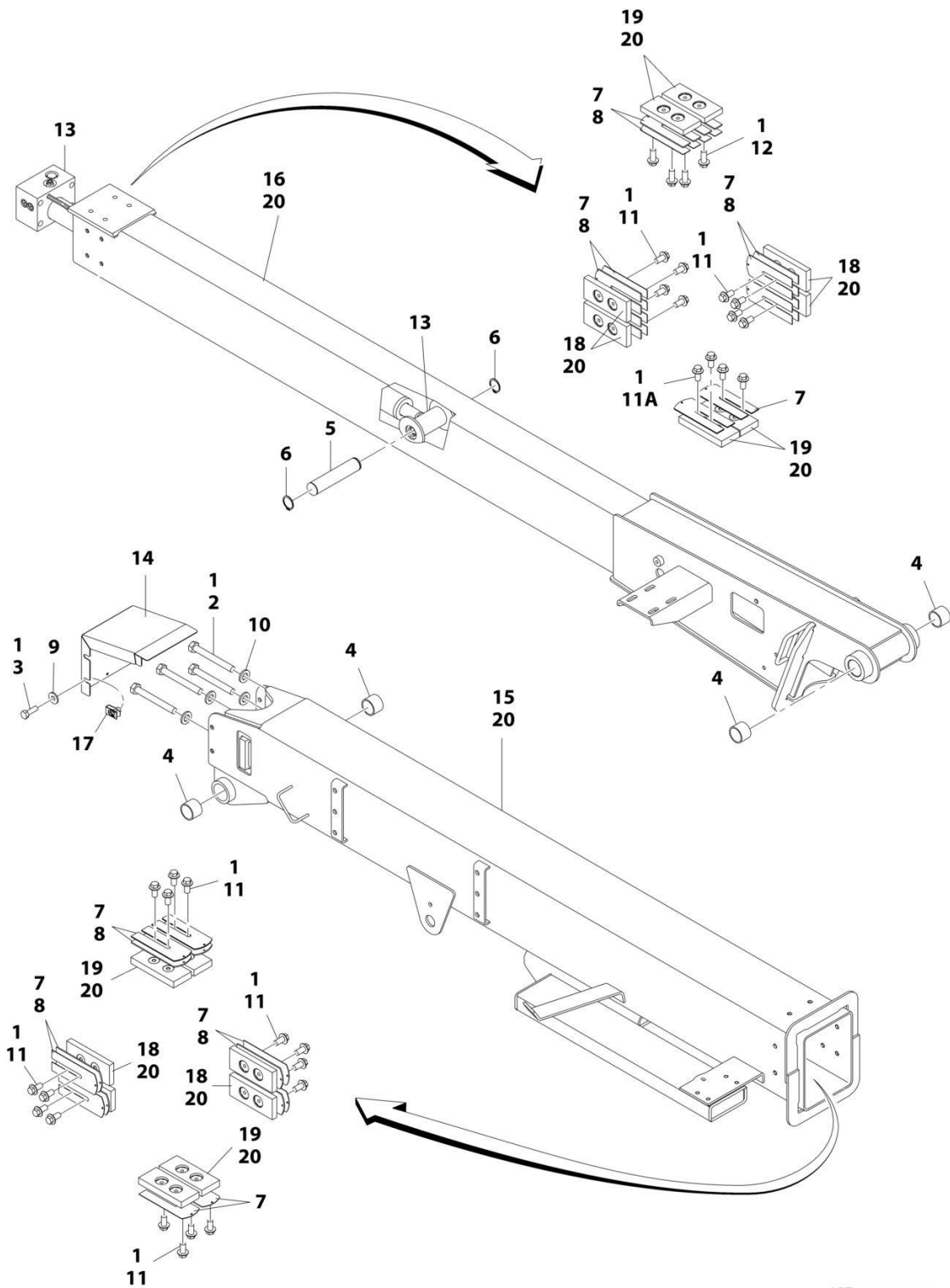
## SECTION 3 - BOOM

**FIGURE 3-4. TOWER BOOM ASSEMBLY - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------|-----|
|      | 1001107583  | Ref | TOWER BOOM ASSEMBLY - E300AJP                                                    | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                                |     |
| 2    | 0641403     | 12  | Bolt 1/4 x 3/8                                                                   |     |
| 3    | 0641606     | 2   | Bolt 3/8 x 3/4                                                                   |     |
| 4    | 0641608     | 1   | Bolt 3/8 x 1                                                                     |     |
| 5    | 0641622     | 2   | Bolt 3/8 x 2-3/4                                                                 |     |
| 6    | 0641808     | 6   | Bolt 1/2 x 1                                                                     |     |
| 7    | 0641810     | 2   | Bolt 1/2 x 1-1/4                                                                 |     |
| 8    | 0741408     | 2   | Screw 1/4 x 1                                                                    |     |
| 9    | 0961948     | 16  | Bearing                                                                          |     |
| 10   | 0962259     | 4   | Bearing                                                                          |     |
| 11   | 1271433     | 4   | Channel, Boom Cable/Hose                                                         |     |
| 12   | 3311605     | 2   | Nut 3/8                                                                          |     |
| 13   | 3340865     | 1   | Pad, Wear                                                                        |     |
| 14   | 3422424     | 2   | Pin                                                                              |     |
| 15   | 3422785     | 2   | Pin                                                                              |     |
| 16   | 3422786     | 6   | Pin                                                                              |     |
| 17   | 3422788     | 2   | Pin                                                                              |     |
| 18   | 3422789     | 1   | Pin                                                                              |     |
| 19   | 3841143     | 1   | Keeper, Pin                                                                      |     |
| 20   | 3841203     | 8   | Keeper, Pin                                                                      |     |
| 21   | 4711400     | 12  | Washer 1/4                                                                       |     |
| 22   | 4711600     | 2   | Washer 3/8                                                                       |     |
| 23   | 4845940     | 1   | Link, Mid Boom (Top)                                                             |     |
| 24   | 4845942     | 1   | Link, Lower Boom (Top)                                                           |     |
| 25   | 4845943     | 1   | Link, Lower Boom (Bottom)                                                        |     |
| 26   | 4846083     | 1   | Link, Mid Boom (Bottom)                                                          |     |
| 27   | 1001097487  | 1   | Link, Timing                                                                     |     |
| 28   | 1001107217  | 1   | Upright (Top)                                                                    |     |
| 29   | 1001107567  | 1   | Upright (Bottom)                                                                 |     |
| 30   | 1001107886  | 1   | Lift Cylinder Assembly - Tower Boom (See Separate breakdown in CYLINDER SECTION) |     |
| 31   | 0641806     | 2   | Bolt 1/2 x 3/4                                                                   |     |
| 32   | 0940048     | 1   | Bumper                                                                           |     |

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FIGURE 3-5. MAIN BOOM ASSEMBLY - E300AJ



ART\_1001117885

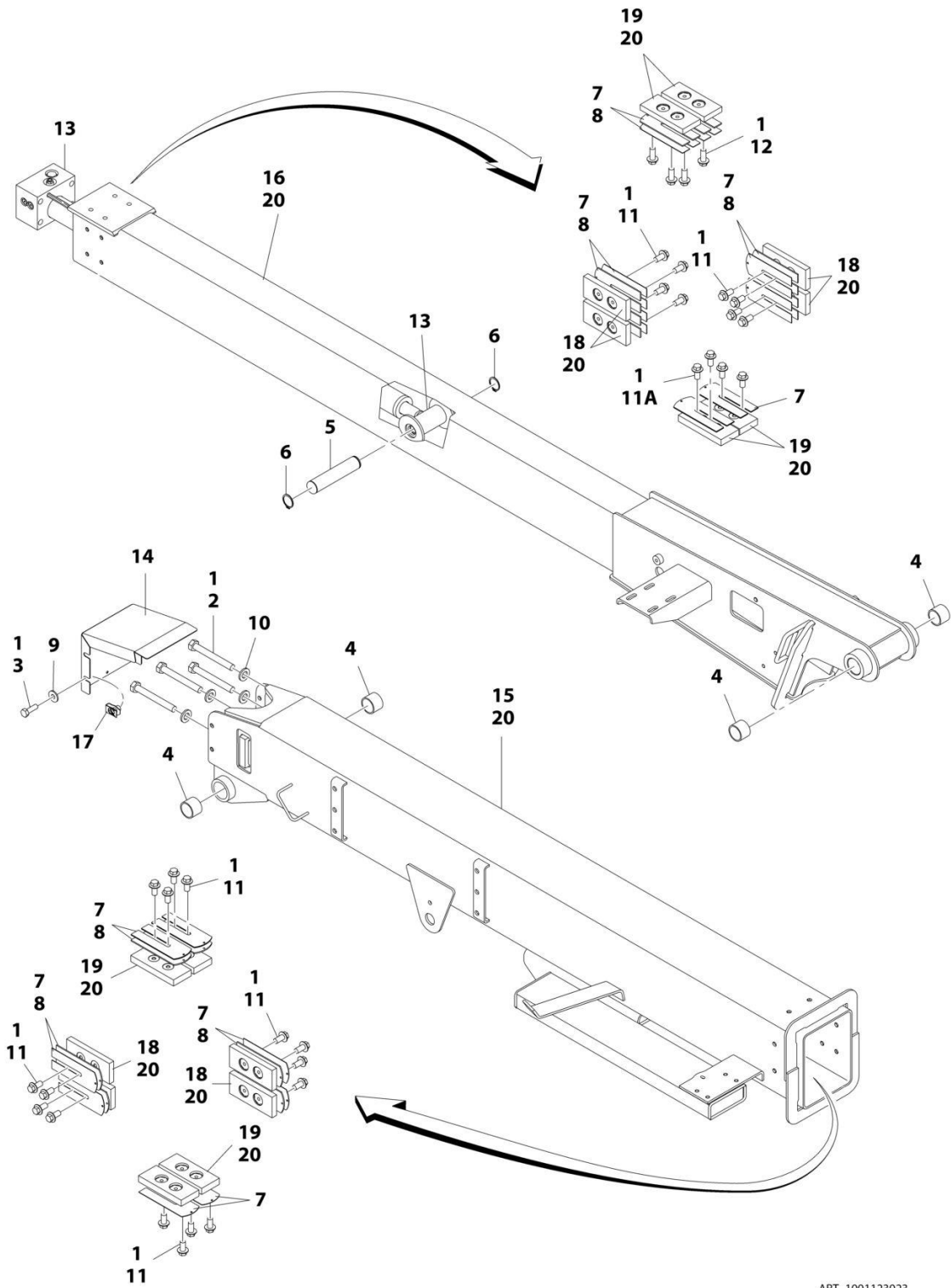
## SECTION 3 - BOOM

**FIGURE 3-5. MAIN BOOM ASSEMBLY - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001117885  | Ref | MAIN BOOM ASSEMBLY - E300AJ                                      | C   |
| 1    | 0100011     | AR  | Compound, Locking                                                |     |
| 2    | 0711227     | 4   | Bolt M12 x 100 Grade 10.9                                        |     |
| 3    | 0760812     | 4   | Bolt M8 x 25                                                     |     |
| 4    | 0961948     | 4   | Bushing                                                          |     |
| 5    | 3422745     | 1   | Pin                                                              |     |
| 6    | 3760115     | 2   | Ring, Retaining                                                  |     |
| 7    | 4070897     | 16  | Shim 18 Ga                                                       |     |
| 8    | 4070898     | 12  | Shim 11 Ga                                                       |     |
| 9    | 4811902     | 4   | Washer M8                                                        |     |
| 10   | 5241200     | 4   | Washer M8                                                        |     |
| 11   | 5251010     | 24  | Bolt M10 x 20                                                    |     |
| 11A  | 5251012     | 4   | Bolt M10 x 25                                                    |     |
| 12   | 5251012     | 4   | Bolt M10 x 25                                                    |     |
| 13   | 1001120974  | 1   | Telescope Cylinder Assembly (See CYLINDER SECTION for Breakdown) |     |
| 14   | 1001108290  | 1   | Cover                                                            |     |
| 15   | 1001116876  | 1   | Boom, Base                                                       |     |
| 16   | 1001116877  | 1   | Boom, Fly                                                        |     |
| 17   | 1001118274  | 4   | Nut                                                              |     |
| 18   | 1001118287  | 8   | Pad                                                              |     |
| 19   | 1001118288  | 8   | Pad                                                              |     |
| 20   | 3020022     | AR  | Grease, White Lithium                                            |     |

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FIGURE 3-6. MAIN BOOM ASSEMBLY - E300AJP



ART\_1001123023

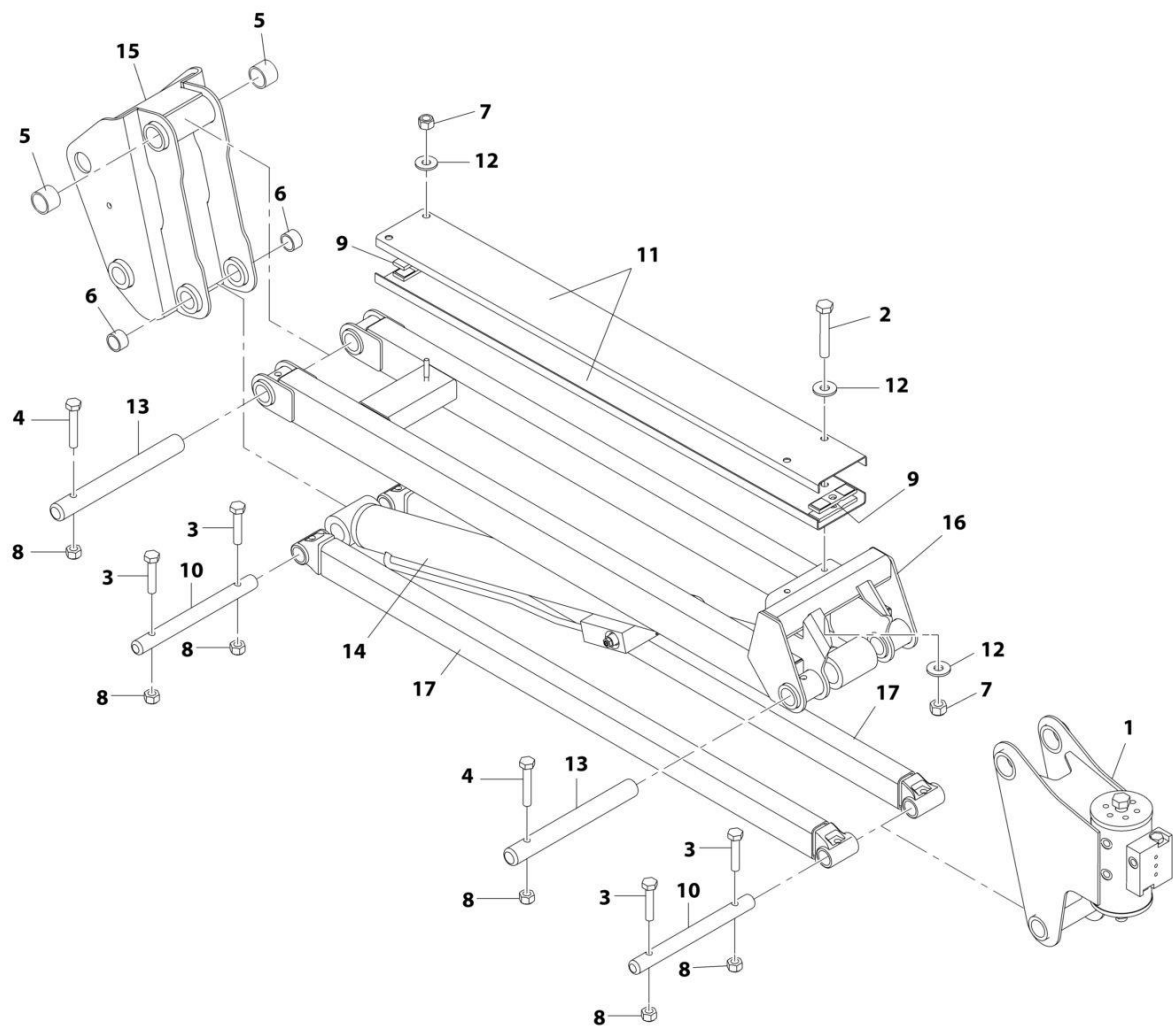
## SECTION 3 - BOOM

**FIGURE 3-6. MAIN BOOM ASSEMBLY - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                              | REV |
|------|-------------|-----|--------------------------------------------------------------------------|-----|
|      | 1001123023  | Ref | MAIN BOOM ASSEMBLY - E300AJP                                             | B   |
| 1    | 0100011     | AR  | Compound, Locking                                                        |     |
| 2    | 0711227     | 4   | Bolt M12 x 100 Grade 10.9                                                |     |
| 3    | 0760812     | 4   | Bolt M8 x 25                                                             |     |
| 4    | 0961948     | 4   | Bushing                                                                  |     |
| 5    | 3422745     | 1   | Pin                                                                      |     |
| 6    | 3760115     | 2   | Ring, Retaining                                                          |     |
| 7    | 4070897     | 16  | Shim 18 Ga                                                               |     |
| 8    | 4070898     | 12  | Shim 11 Ga                                                               |     |
| 9    | 4811902     | 4   | Washer M8                                                                |     |
| 10   | 5241200     | 4   | Washer M8                                                                |     |
| 11   | 5251010     | 24  | Bolt M10 x 20                                                            |     |
| 11A  | 5251012     | 4   | Bolt M10 x 25                                                            |     |
| 12   | 5251012     | 4   | Bolt M10 x 25                                                            |     |
| 13   | 1001106879  | 1   | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) |     |
| 14   | 1001108290  | 1   | Cover                                                                    |     |
| 15   | 1001123026  | NLA | Boom, Base (Use p/n 1001125319)                                          |     |
| 16   | 1001123027  | NLA | Boom, Fly (Use p/n 1001125320)                                           |     |
| 17   | 1001118274  | 4   | Nut                                                                      |     |
| 18   | 1001123044  | 8   | Pad                                                                      |     |
| 19   | 1001123045  | 8   | Pad                                                                      |     |
| 20   | 3020022     | AR  | Grease, White Lithium                                                    |     |

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FIGURE 3-7. JIB ASSEMBLY - E300AJ



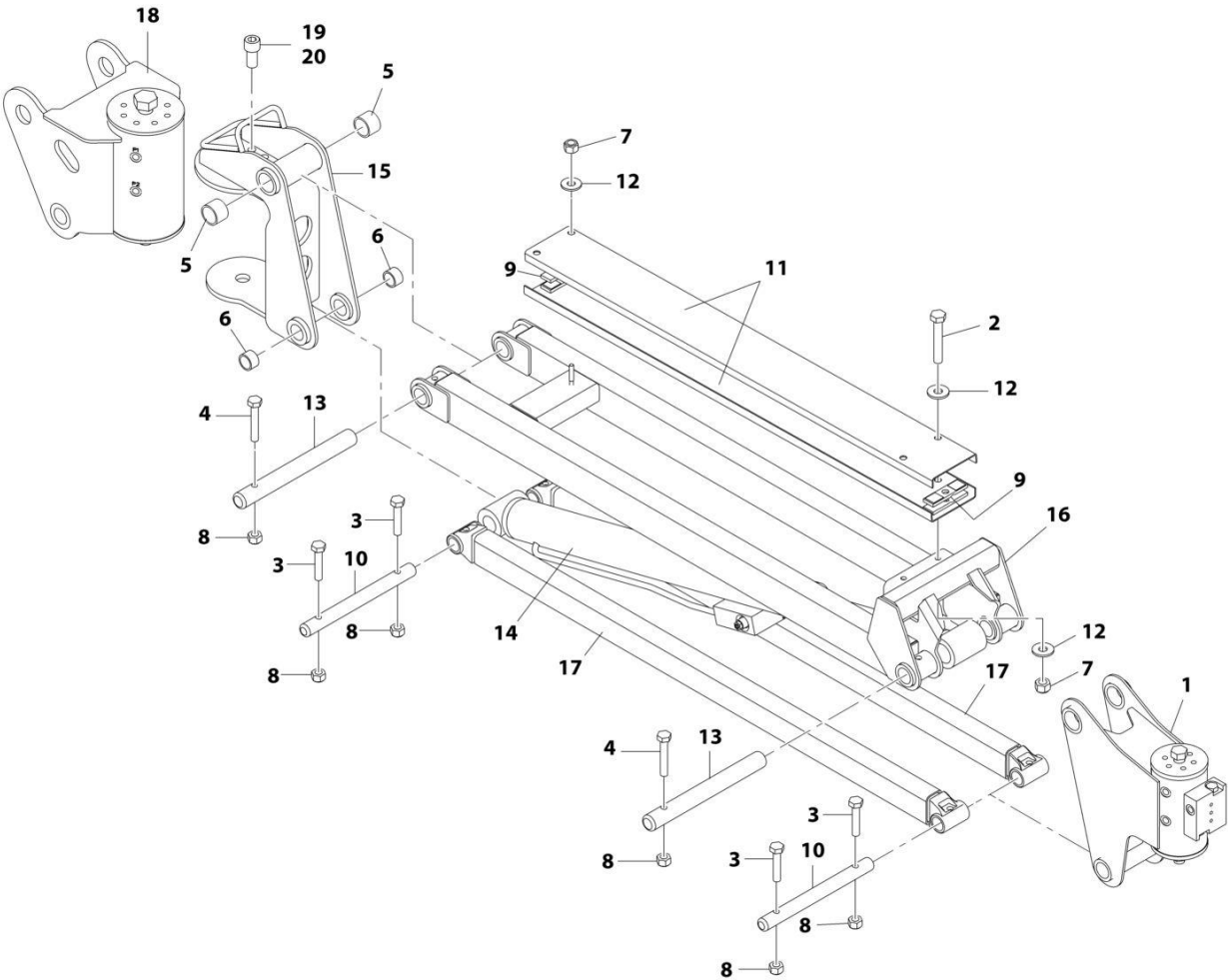
ART\_1001123025

FIGURE 3-7. JIB ASSEMBLY - E300AJ

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                       | REV |
|------|-------------|-----|-----------------------------------------------------------------------------------|-----|
|      | 1001123025  | Ref | JIB ASSEMBLY - E300AJ                                                             | B   |
| 1    | 0060044     | 1   | Platform Rotator Assembly (See ROTATOR ASSEMBLY - PLATFORM for Breakdown)         |     |
| 2    | 0700818     | 2   | Bolt M8 x 50                                                                      |     |
| 3    | 0701018     | 4   | Bolt M10 x 50                                                                     |     |
| 4    | 0701020     | 2   | Bolt M10 x 60                                                                     |     |
| 5    | 0961951     | 2   | Bushing                                                                           |     |
| 6    | 0962292     | 2   | Bushing                                                                           |     |
| 7    | 3290805     | 4   | Nut M8                                                                            |     |
| 8    | 3291005     | 6   | Nut M10                                                                           |     |
| 9    | 3340860     | 4   | Pad, Rubber                                                                       |     |
| 10   | 3422791     | 2   | Pin                                                                               |     |
| 11   | 3572551     | 2   | Channel, Hose Carrier                                                             |     |
| 12   | 4811902     | 6   | Washer M8                                                                         |     |
| 13   | 1001116550  | 2   | Pin                                                                               |     |
| 14   | 1001108429  | 1   | Lift Cylinder Assembly - Jib (See CYLINDER SECTION for Breakdown)                 |     |
| 15   | 1001118394  | NLA | Support (Use p/n 1001125321)                                                      |     |
| 16   | 1001118482  | 1   | Link, Jib (Top)                                                                   |     |
| 17   | 1001118516  | NLA | Link, Jib (Bottom) (Use p/n 1001094670) <b>(SN 0300211844 through 0300215006)</b> |     |
| 17   | 1001094670  | 2   | Link, Jib (Bottom) <b>(SN 0300215007 through 0300272206)</b>                      |     |

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FIGURE 3-8. JIB ASSEMBLY - E300AJP



ART\_1001123024

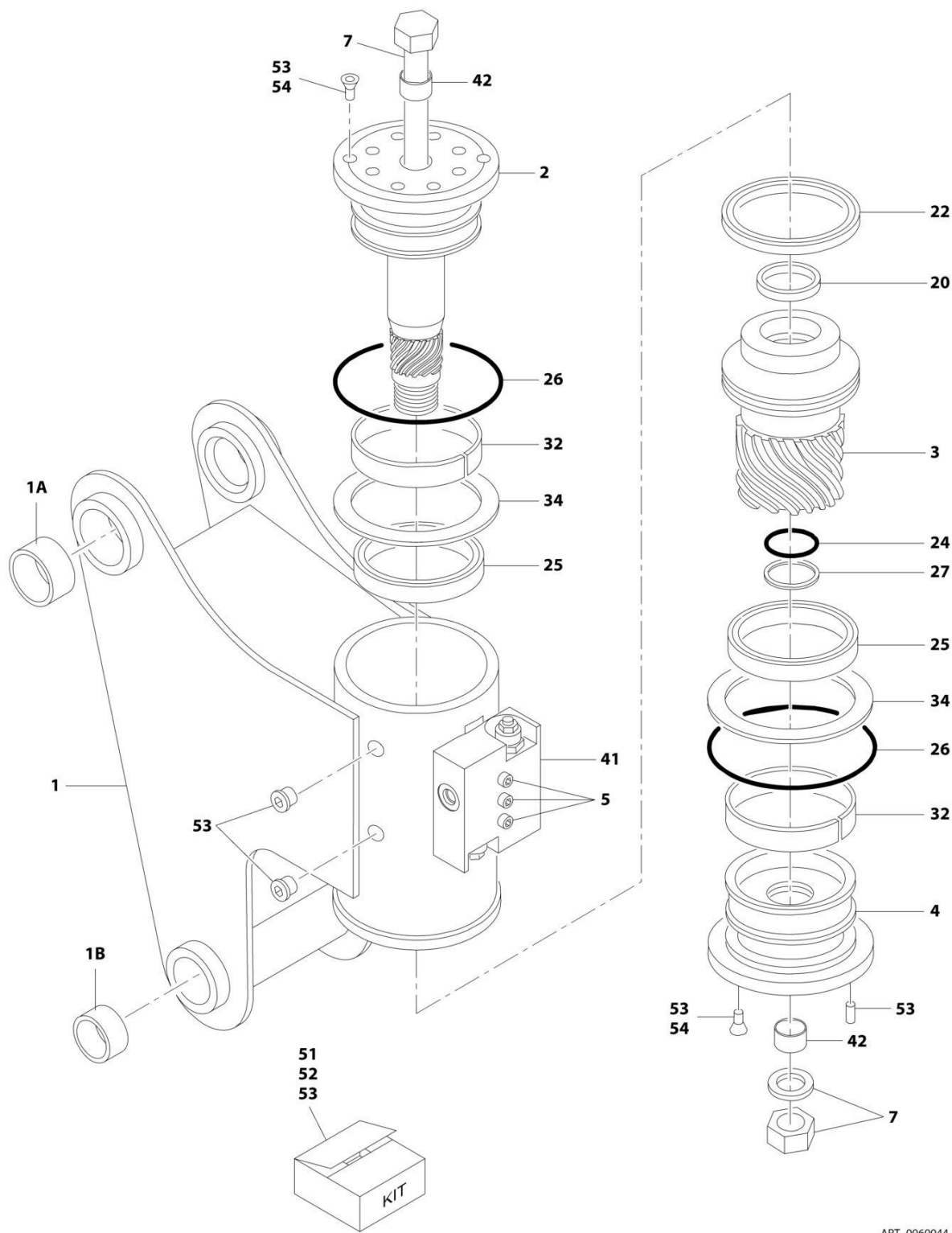


FIGURE 3-8. JIB ASSEMBLY - E300AJP

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                       | REV |
|------|-------------|-----|-----------------------------------------------------------------------------------|-----|
|      | 1001123024  | Ref | JIB ASSEMBLY - E300AJP                                                            | B   |
| 1    | 0060044     | 1   | Platform Rotator Assembly (See Separate Breakdown in this Section)                |     |
| 2    | 0700818     | 2   | Bolt M8 x 50                                                                      |     |
| 3    | 0701018     | 4   | Bolt M10 x 50                                                                     |     |
| 4    | 0701020     | 2   | Bolt M10 x 60                                                                     |     |
| 5    | 0961951     | 2   | Bushing                                                                           |     |
| 6    | 0962292     | 2   | Bushing                                                                           |     |
| 7    | 3290805     | 4   | Nut M8                                                                            |     |
| 8    | 3291005     | 6   | Nut M10                                                                           |     |
| 9    | 3340860     | 4   | Pad, Rubber                                                                       |     |
| 10   | 3422791     | 2   | Pin                                                                               |     |
| 11   | 3572551     | 2   | Channel, Hose Carrier                                                             |     |
| 12   | 4811902     | 6   | Washer M8                                                                         |     |
| 13   | 1001116550  | 2   | Pin                                                                               |     |
| 14   | 1001108429  | 1   | Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER SECTION)         |     |
| 15   | 4846502     | 1   | Support                                                                           |     |
| 16   | 1001118482  | 1   | Link, Jib (Top)                                                                   |     |
| 17   | 1001118516  | NLA | Link, Jib (Bottom) (Use p/n 1001094670) <b>(SN 0300211844 through 0300215006)</b> |     |
| 17   | 1001094670  | 2   | Link, Jib (Bottom) <b>(SN 0300215007 through 0300272206)</b>                      |     |
| 18   | 0060065     | 1   | Jib Swing Rotator Assembly (See Separate Breakdown in this Section)               |     |
| 19   | 3931816     | 1   | Capscrew 1/2 x 1                                                                  |     |
| 20   | 0100011     | AR  | Compound, Locking                                                                 |     |

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FIGURE 3-9. ROTATOR ASSEMBLY - PLATFORM



ART\_0060044

FIGURE 3-9. ROTATOR ASSEMBLY - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-----|
|      | 0060044     | Ref | ROTATOR ASSEMBLY - PLATFORM                                                                                                      | D   |
|      |             | Ref | Note: There are 2 different versions of Rotator p/n 0060044 and no SN break exists. Order internal parts by the Helac Control #. |     |
| 1    | 0060044     | 1   | Case/Bracket Weldment (Note: Not Available for Purchase)                                                                         |     |
| 1A   | 0962257     | 2   | Bushing                                                                                                                          |     |
| 1B   | 0961947     | 2   | Bushing                                                                                                                          |     |
| 2    |             | Ref | Shaft Options:                                                                                                                   |     |
| 2    | 7017120     | 1   | Helac Control #25928                                                                                                             |     |
| 2    | 7017196     | 1   | Helac Control #26962                                                                                                             |     |
| 3    |             | Ref | Sleeve, Piston Options:                                                                                                          |     |
| 3    | 7017121     | 1   | Helac Control #25928                                                                                                             |     |
| 3    | 7027900     | 1   | Helac Control #26962                                                                                                             |     |
| 4    |             | Ref | Cap, End                                                                                                                         |     |
| 4    | 0060044     | 1   | Helac Control #25928 (Note: Not Available for Purchase)                                                                          |     |
| 4    | 7027901     | 1   | Helac Control #26962                                                                                                             |     |
| 5    | See Note    | 3   | Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available for Purchase)                                                                  |     |
| 7    | 7017126     | 1   | Tie Rod Assembly                                                                                                                 |     |
| 20   | See Note    | NSS | Seal, Rod (Note: Use Item 52)                                                                                                    |     |
| 22   | See Note    | NSS | Seal, Piston (Note: Use Item 52)                                                                                                 |     |
| 24   | See Note    | NSS | Seal, Cap (Note: Use Item 52)                                                                                                    |     |
| 25   | See Note    | NSS | Packing, Bearing (Note: Use Item 52)                                                                                             |     |
| 26   | See Note    | NSS | Seal (Note: Use Item 52)                                                                                                         |     |
| 27   | See Note    | NSS | Ring, Back-up (Note: Use Item 52)                                                                                                |     |
| 32   | See Note    | NSS | Bearing, Shaft (Note: Use Item 51)                                                                                               |     |
| 34   | See Note    | NSS | Thrustwasher (Note: Use Item 51)                                                                                                 |     |
| 41   | 7017172     | 1   | Counterbalance Valve Assembly                                                                                                    |     |
| 41   | 7017192     | 2   | Cartridge, Valve (No Seal Kit Available)                                                                                         |     |
| 42   | 70004323    | 2   | Bushing, Shaft                                                                                                                   |     |
| 51   | 7017122     | 1   | Bearing Kit (Includes Items 32 & 34)                                                                                             |     |
| 52   |             | Ref | Seal Kit Options (Includes Items 20, 22, 24, 25, 26 & 27)                                                                        |     |
| 52   | 7017127     | 1   | Standard                                                                                                                         |     |
| 52   | 70000341    | 1   | Cold Climate                                                                                                                     |     |
| 53   | 7017123     | 1   | Hardware Kit                                                                                                                     |     |
| 54   | 70001697    | 4   | Screw, Countersunk 1/4 x 3/8 Grade 8                                                                                             |     |

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FIGURE 3-10. ROTATOR ASSEMBLY - JIB SWING

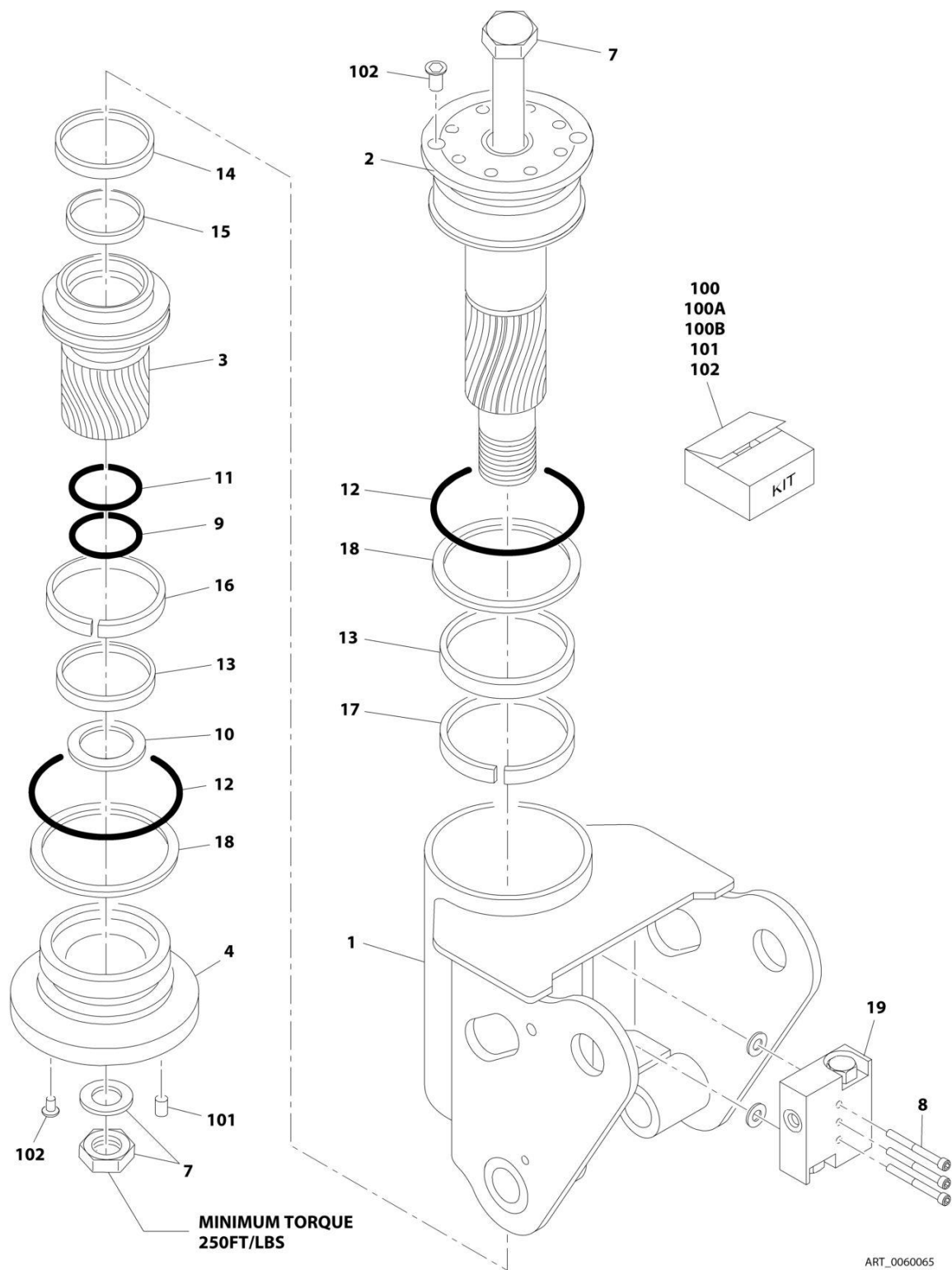
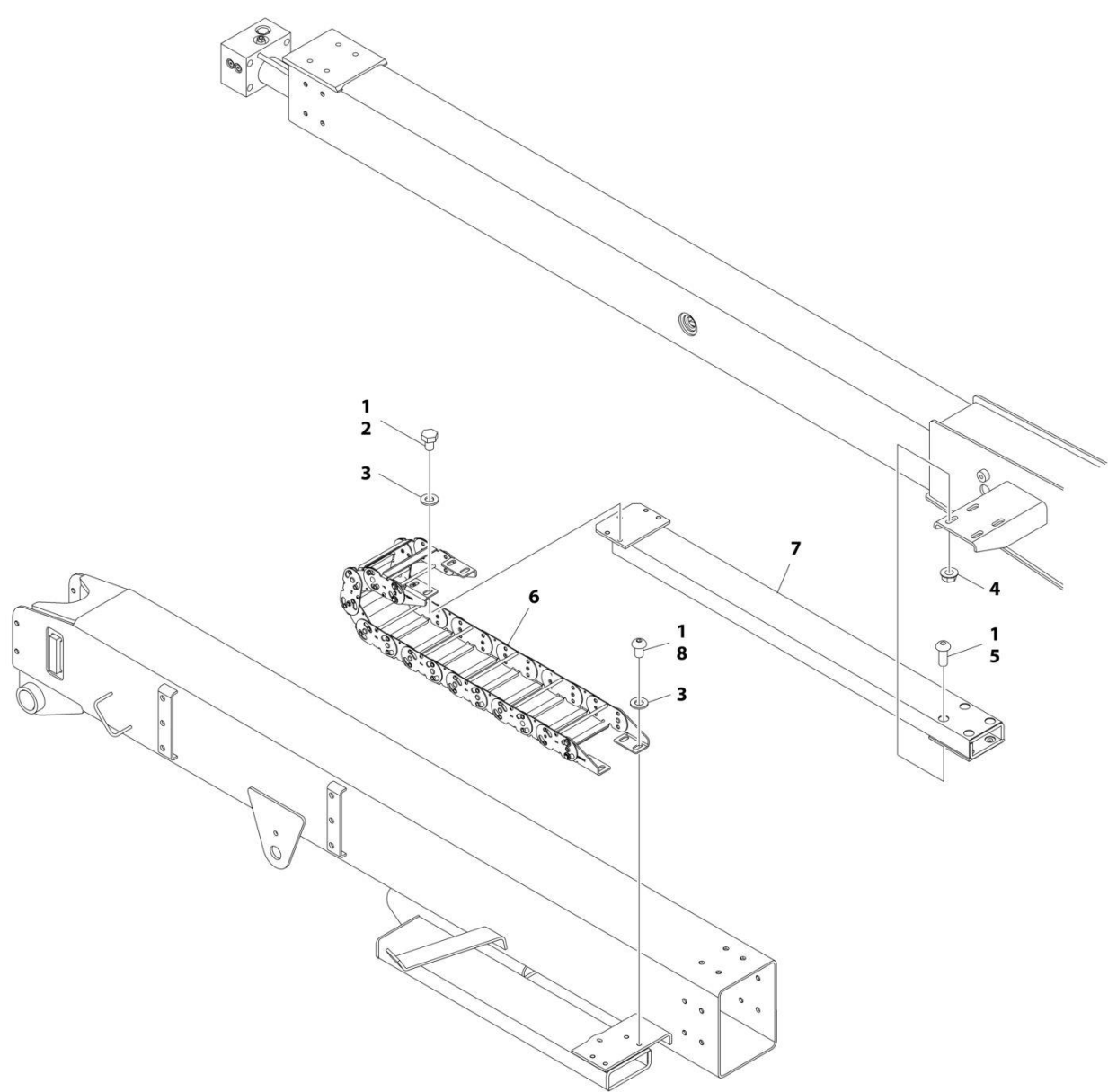


FIGURE 3-10. ROTATOR ASSEMBLY - JIB SWING

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                     | REV |
|------|-------------|-----|-----------------------------------------------------------------|-----|
|      | 0060065     | Ref | ROTATOR ASSEMBLY - JIB SWING                                    | C   |
| 1    | 0060065     | 1   | Case/Bracket Weldment (Note: Not Available for Purchase)        |     |
| 2    | 7017167     | 1   | Shaft                                                           |     |
| 3    | 7017168     | 1   | Sleeve, Piston                                                  |     |
| 4    | 0060065     | 1   | Cap, End (Note: Not Available for Purchase)                     |     |
| 7    | 0060065     | 1   | Tie Rod Assembly (Note: Not Available for Purchase)             |     |
| 8    | See Note    | 3   | Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available for Purchase) |     |
| 9    | See Note    | NSS | Seal, Cap (Note: Use Item 100A or 100B)                         |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100A or 100B)                     |     |
| 11   | See Note    | NSS | Seal, Rod (Note: Use Item 100A or 100B)                         |     |
| 12   | See Note    | NSS | Seal, Piston (Note: Use Item 100A or 100B)                      |     |
| 13   | See Note    | NSS | Packing, Bearing (Note: Use Item 100A or 100B)                  |     |
| 14   | See Note    | NSS | Seal (Note: Use Item 100A or 100B)                              |     |
| 15   | See Note    | NSS | Seal (Note: Use Item 100A or 100B)                              |     |
| 16   | See Note    | NSS | Bearing, Cap (Note: Use Item 101)                               |     |
| 17   | See Note    | NSS | Bearing, Shaft (Note: Use Item 101)                             |     |
| 18   | See Note    | NSS | Thrustwasher (Note: Use Item 101)                               |     |
| 19   | 7017172     | 1   | Counterbalance Valve Assembly                                   |     |
| 19   | 7017192     | 2   | Cartridge, Valve (No Seal Kit Available)                        |     |
| 100  |             | Ref | Seal Kit Options (Includes Items 9-15)                          |     |
| 100A | 7017165     | 1   | Standard                                                        |     |
| 100B | 70000340    | 1   | Cold Climate                                                    |     |
| 101  | 7017178     | 1   | Bearing Kit (Includes Items 16-18)                              |     |
| 102  | 7017179     | 1   | Hardware Kit (Includes Setscrews and Plugs)                     |     |

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FIGURE 3-11. POWER TRACK INSTALLATION



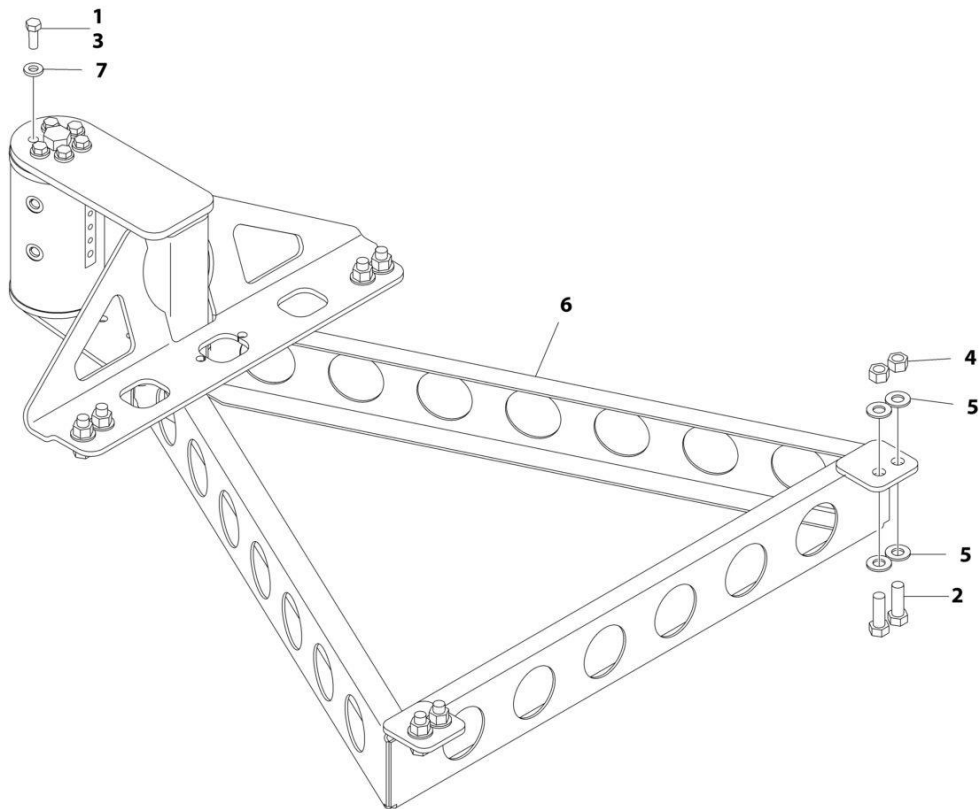
ART\_1001119504

FIGURE 3-11. POWER TRACK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                         | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------|-----|
|      | 1001119504  | Ref | POWER TRACK INSTALLATION                                                            | C   |
| 1    | 0100011     | AR  | Compound, Locking                                                                   |     |
| 2    | 0761007     | 4   | Bolt M10 x 14                                                                       |     |
| 3    | 4812000     | 8   | Washer M10                                                                          |     |
| 4    | 5221000     | 4   | Nut M10                                                                             |     |
| 5    | 8310668     | 4   | Bolt M10 x 25                                                                       |     |
| 6    | 1001099834  | 1   | Carrier, Power Track (Use p/n 1001224891) <b>(SN 0300211844 through 0300230142)</b> |     |
| 6    | 70001996    | 1   | Repair Kit                                                                          |     |
| 6    | 70001998    | 1   | Bracket Kit (Includes 4 Mounting Feet and Hardware to Attach to Carrier)            |     |
| 6    | 1001224891  | 1   | Carrier, Power Track <b>(SN 0300230142 through 0300272206)</b>                      |     |
| 6    | 7006269     | 1   | Repair Kit (Includes 10 Link Section of Track)                                      |     |
| 6    | 70006280    | 1   | Bracket Kit (Includes 4 Mounting Feet and Hardware to Attach to Track)              |     |
| 7    | 1001119513  | 1   | Tube, Support                                                                       |     |
| 8    | 1001119527  | 4   | Capscrew M10 x 16                                                                   |     |

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FIGURE 3-12. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS



ART\_0272976

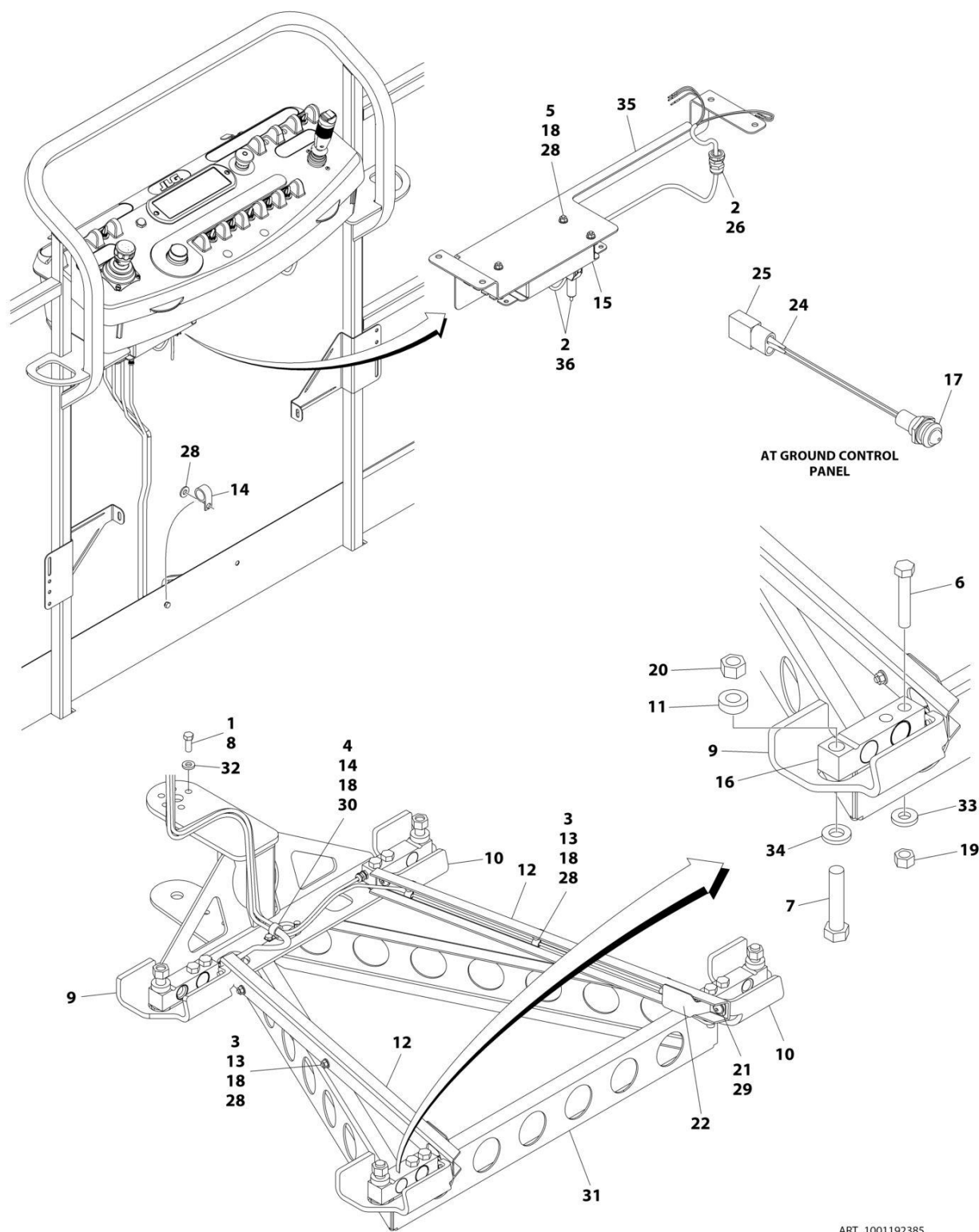


FIGURE 3-12. PLATFORM SUPPORT INSTALLATION - WITHOUT LSS

| ITEM | PART NUMBER | QTY | DESCRIPTION                                         | REV |
|------|-------------|-----|-----------------------------------------------------|-----|
|      | 0272976     | Ref | PLATFORM SUPPORT INSTALLATION - WITHOUT LSS         | C   |
| 1    | 0100011     | AR  | Compound, Locking                                   |     |
| 2    | 0641610     | 8   | Bolt 3/8 x 1-1/4 (SN 0300211844 through 0300226251) |     |
| 2    | 0641812     | 8   | Bolt 1/2 x 1-1/2 (SN 0300226252 through 0300241353) |     |
| 2    | 0761215     | 8   | Bolt M12 x 35 (SN 0300241354 through 0300272206)    |     |
| 3    | 0681608     | 6   | Bolt 3/8 x 1 Grade 8                                |     |
| 4    | 3311605     | 8   | Nut 3/8 (SN 0300211844 through 0300226251)          |     |
| 4    | 3311805     | 8   | Nut 1/2 (SN 0300226252 through 0300241353)          |     |
| 4    | 3291205     | 8   | Nut 1/2 (SN 0300241354 through 0300272206)          |     |
| 5    | 4711600     | 16  | Washer 3/8 (SN 0300211844 through 0300226251)       |     |
| 5    | 4711800     | 16  | Washer 1/2 (SN 0300226252 through 0300241353)       |     |
| 5    | 5241200     | AR  | Washer M12 (SN 0300241354 through 0300272206)       |     |
| 6    | 4846608     | 1   | Support, Weldment                                   |     |
| 7    | 4891600     | 6   | Washer 3/8                                          |     |

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FIGURE 3-13. PLATFORM SUPPORT INSTALLATION - WITH 4 CELL LSS



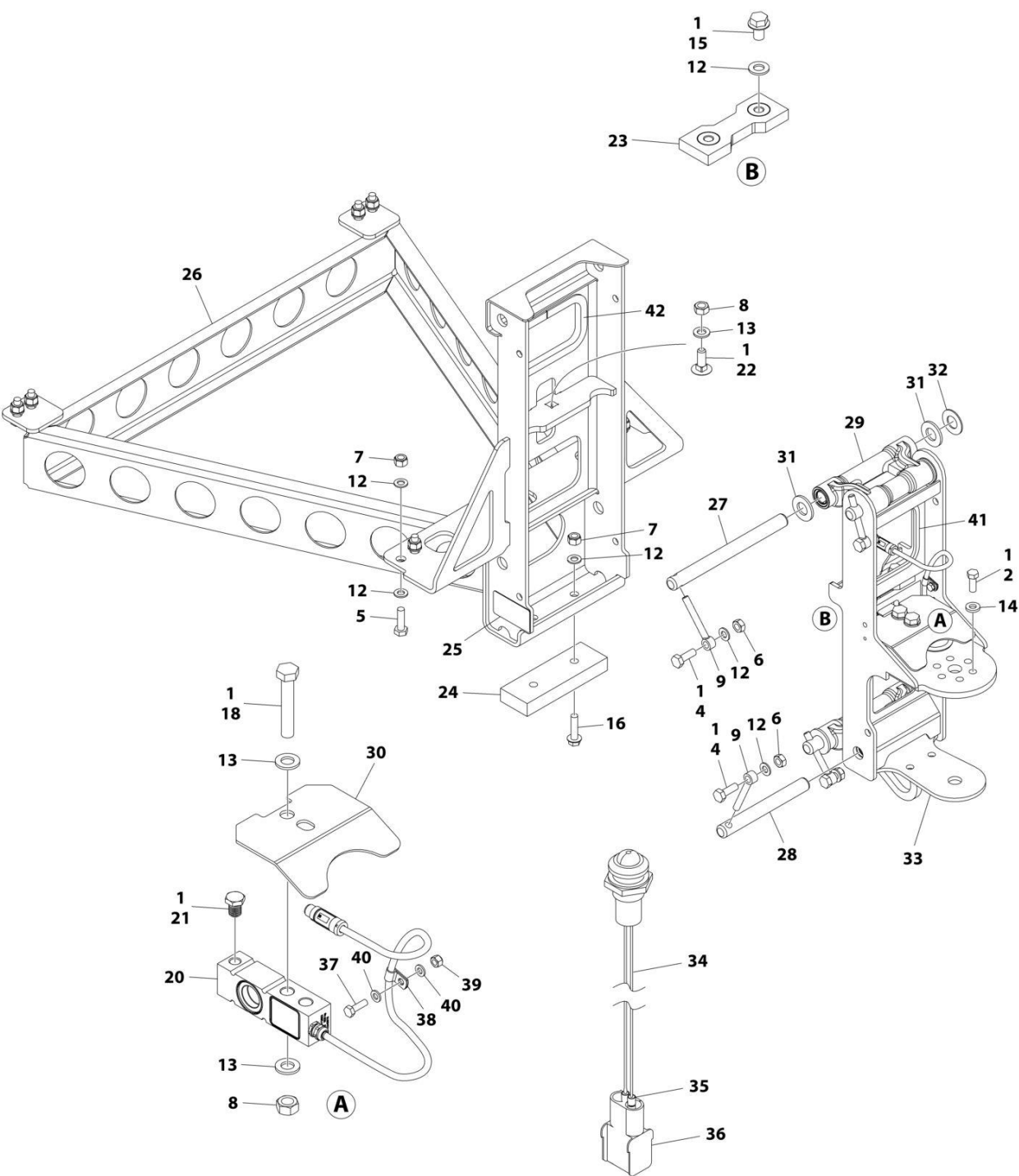
ART\_1001192385

**FIGURE 3-13. PLATFORM SUPPORT INSTALLATION - WITH 4 CELL LSS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001192385  | Ref | PLATFORM SUPPORT INSTALLATION - WITH 4 CELL LSS                           | A   |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 0100048     | AR  | Grease, Dielectric                                                        |     |
| 3    | 0641405     | 6   | Screw 1/4 x 5/8                                                           |     |
| 4    | 0641407     | 1   | Bolt 1/4 x 7/8                                                            |     |
| 5    | 0641416     | 3   | Bolt 1/4 x 2                                                              |     |
| 6    | 0641822     | 8   | Bolt 1/2 x 2-3/4                                                          |     |
| 7    | 0642024     | 4   | Bolt 5/8 x 3                                                              |     |
| 8    | 0681608     | 6   | Bolt 3/8 x 1                                                              |     |
| 9    | 0902919     | 2   | Bracket, Cell Guard                                                       |     |
| 10   | 0902920     | 2   | Bracket, Cell Guard                                                       |     |
| 11   | 0962450     | 4   | Bushing, Spacer                                                           |     |
| 12   | 1271538     | 2   | Channel                                                                   |     |
| 13   | 1320136     | 6   | Clamp                                                                     |     |
| 14   | 1320224     | 2   | Clamp                                                                     |     |
| 15   | 1600387     | 1   | Electronic Interface Module (Note: Re-calibration Required when Replaced) |     |
| 16   | 2420202     | 4   | Load Cell Assembly                                                        |     |
| 17   | 2920151     | 1   | Light                                                                     |     |
| 18   | 3311405     | 10  | Nut 1/4                                                                   |     |
| 19   | 3311805     | 8   | Nut 1/2                                                                   |     |
| 20   | 3312005     | 4   | Nut 5/8                                                                   |     |
| 21   | 3900283     | 4   | Screw 3/8 x 3/4                                                           |     |
| 22   | 4061054     | 2   | Shield                                                                    |     |
| 23   | 4240033     | AR  | Tie-Strap (Not Shown)                                                     |     |
| 24   | 4460226     | 2   | Socket, Female                                                            |     |
| 25   | 4460424     | 1   | Connector - 2 Position                                                    |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                  |     |
| 27   | 4460434     | 1   | Plug, Male - 15 Position (Not Shown - Located in Platform Console Box)    |     |
| 28   | 4711400     | 13  | Washer 1/4                                                                |     |
| 29   | 4711600     | 4   | Washer 3/8                                                                |     |
| 30   | 4751400     | 1   | Washer 1/4                                                                |     |
| 31   | 4846608     | 1   | Platform Support                                                          |     |
| 32   | 4891600     | 6   | Washer 3/8                                                                |     |
| 33   | 4891800     | 8   | Washer 1/2                                                                |     |
| 34   | 4892000     | 4   | Washer 5/8                                                                |     |
| 35   | 1001113483  | 1   | Bracket, Module Mount                                                     |     |
| 36   | 1001192283  | 1   | Harness, LSS System (See Separate Breakdown in ELECTRICAL SECTION)        |     |

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FIGURE 3-14. PLATFORM SUPPORT INSTALLATION - WITH 1 CELL LSS



ART\_1001219016

FIGURE 3-14. PLATFORM SUPPORT INSTALLATION - WITH 1 CELL LSS

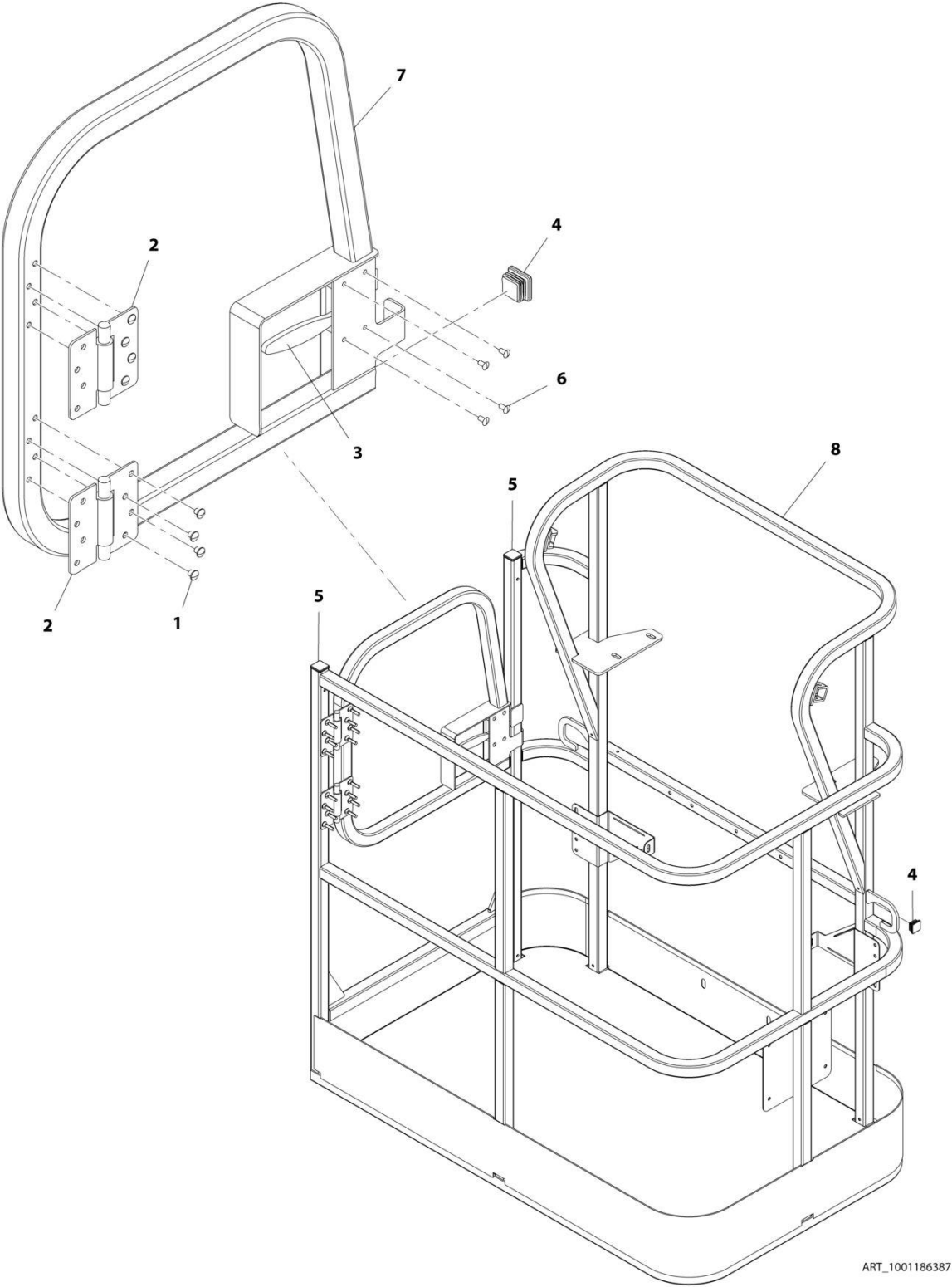
| ITEM | PART NUMBER | QTY             | DESCRIPTION                              | REV |
|------|-------------|-----------------|------------------------------------------|-----|
|      | 1001219016  | Ref             | PLATFORM SUPPORT INSTALLATION - WITH LSS | C   |
| 1    | 0100011     | AR              | Compound, Locking                        |     |
| 2    | 0681608     | 6               | Bolt 3/8 x 1                             |     |
| 4    | 0761014     | 4               | Bolt M10 x 30                            |     |
| 5    | 0761015     | 8               | Bolt M10 x 35                            |     |
| 6    | 3291001     | 4               | Nut M10                                  |     |
| 7    | 3291005     | 10              | Nut M10                                  |     |
| 8    | 3291201     | 3               | Nut M12                                  |     |
| 9    | 3841143     | 4               | Keeper, Pin                              |     |
| 12   | 4812000     | 24              | Washer M10                               |     |
| 13   | 4812100     | 5               | Washer M12                               |     |
| 14   | 4891600     | 6               | Washer 3/8                               |     |
| 15   | 5251008     | 2               | Bolt M10 x 16                            |     |
| 16   | 5251016     | 2               | Bolt M10 x 40                            |     |
| 18   | 1001098828  | 2               | Bolt M12 x 70                            |     |
| 20   | 1001172663  | 1               | Gauge                                    |     |
| 21   | 1001188622  | 1               | Screw                                    |     |
| 22   | 1001188844  | 1               | Bolt M12 x 35                            |     |
| 23   | 1001190985  | 1               | Pad, Wear                                |     |
| 24   | 1001200491  | 1               | Pad, Wear                                |     |
| 25   | 1001216630  | 2               | Decal - Tie Down/No Lift                 |     |
| 26   | 1001217228  | 1               | Support                                  |     |
| 27   | 1001217242  | 2               | Pin                                      |     |
| 28   | 1001217243  | 2               | Pin                                      |     |
| 29   | 1001217244  | 2               | Link                                     |     |
| 30   | 1001217250  | 1               | Plate, Cell Shield                       |     |
| 31   | 1001217253  | 8               | Bearing                                  |     |
| 32   | 1001217254  | 4               | Bearing                                  |     |
| 33   | 1001217267  | 1               | Support                                  |     |
| 34   | 2920151     | 1               | Light                                    |     |
| 35   | 4460226     | 2               | Socket, Female                           |     |
| 36   | 4460424     | 1               | Connector - 2 Position                   |     |
| 37   | 0760610     | 1               | Bolt M6 x 20                             |     |
| 38   | 1320136     | 1               | Clamp                                    |     |
| 39   | 3290605     | 1               | Nut M6                                   |     |
| 40   | 4811700     | 2               | Washer M6                                |     |
| 41   | 4060804     | 1.2 ft/<br>0.4m | Flex-Trim                                |     |
| 42   | 4060805     | 1.3 ft/<br>0.4m | Flex-Trim                                |     |



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SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM ASSEMBLY - 4FT/1.22M - SIDE GATE ENTRY





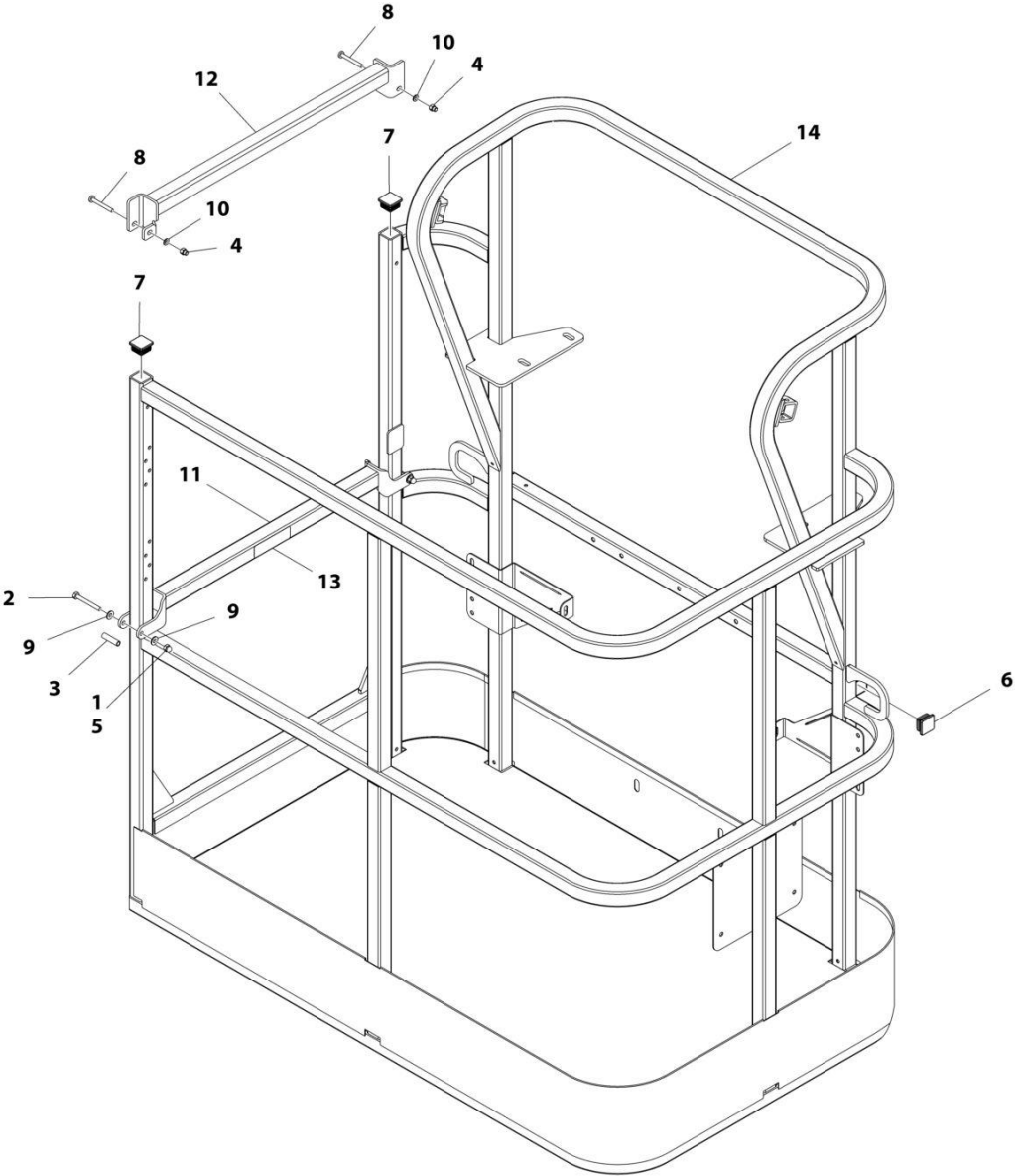
## SECTION 4 - PLATFORM

**FIGURE 4-1. PLATFORM ASSEMBLY - 4FT/1.22M - SIDE GATE ENTRY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001186387  | Ref | PLATFORM ASSEMBLY - 4FT/1.22M - SIDE GATE ENTRY                                                                                  | C   |
|      |             | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECTIAL OPTIONS SECTION for Mesh Installations. |     |
|      |             | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.                                                        |     |
| 1    | 2080040     | 16  | Fastener, Huck                                                                                                                   |     |
| 2    | 2600281     | 2   | Hinge, Self-Closing                                                                                                              |     |
| 3    | 2940074     | 1   | Latch                                                                                                                            |     |
| 4    | 3520072     | 3   | Plug, Cap                                                                                                                        |     |
| 5    | 3520198     | 2   | Plug, Cap                                                                                                                        |     |
| 6    | 3820020     | 4   | Rivet                                                                                                                            |     |
| 7    | 1001144629  | 1   | Gate                                                                                                                             |     |
| 8    | See Note    | 1   | Platform (Note: Not Available - Purchase Platform Assembly)                                                                      |     |

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FIGURE 4-2. PLATFORM ASSEMBLY - 4FT/1.22M - DROP BAR ENTRY



ART\_1001186375

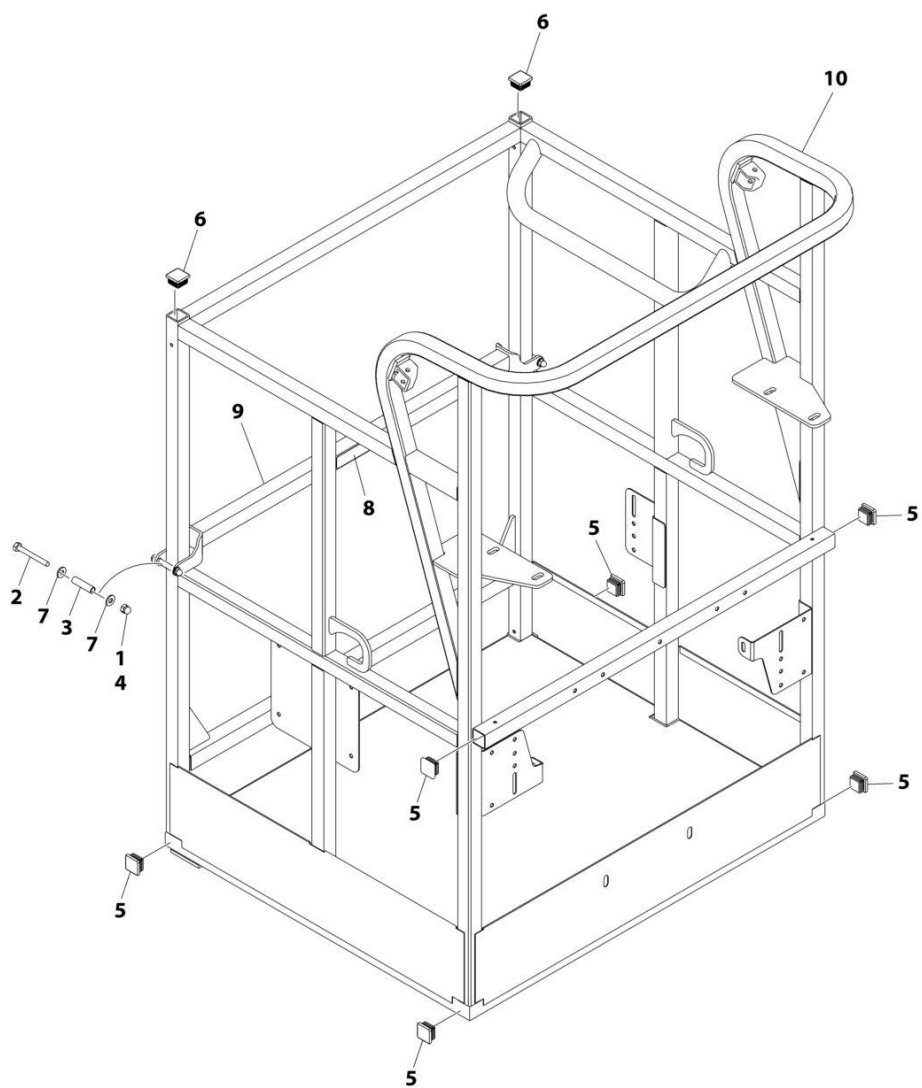
## SECTION 4 - PLATFORM

**FIGURE 4-2. PLATFORM ASSEMBLY - 4FT/1.22M - DROP BAR ENTRY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001186375  | Ref | PLATFORM ASSEMBLY - 4FT/1.22M - DROP BAR ENTRY                            | B   |
|      |             | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. |     |
| 1    | 0100011     | AR  | Compound, Locking                                                         |     |
| 2    | 0641418     | 2   | Bolt 1/4 x 2-1/4                                                          |     |
| 3    | 0961845     | 2   | Bushing                                                                   |     |
| 4    | 3290606     | 2   | Nut M6                                                                    |     |
| 5    | 3300151     | 2   | Nut, Acorn 1/4                                                            |     |
| 6    | 3520072     | 2   | Plug, Cap                                                                 |     |
| 7    | 3520198     | 2   | Plug, Cap                                                                 |     |
| 8    | 4010618     | 2   | Screw M6 x 50                                                             |     |
| 9    | 4711400     | 4   | Washer 1/4                                                                |     |
| 10   | 4811700     | 2   | Washer M6                                                                 |     |
| 11   | 1001138494  | 1   | Bar, Drop                                                                 |     |
| 12   | 1001138514  | 1   | Rail - Top                                                                |     |
| 13   | 1001140429  | 1   | Decal - Drop Bar                                                          |     |
| 14   | See Note    | 1   | Platform (Note: Not Available - Purchase Platform Assembly)               |     |

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FIGURE 4-3. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM)



ART\_1001228215

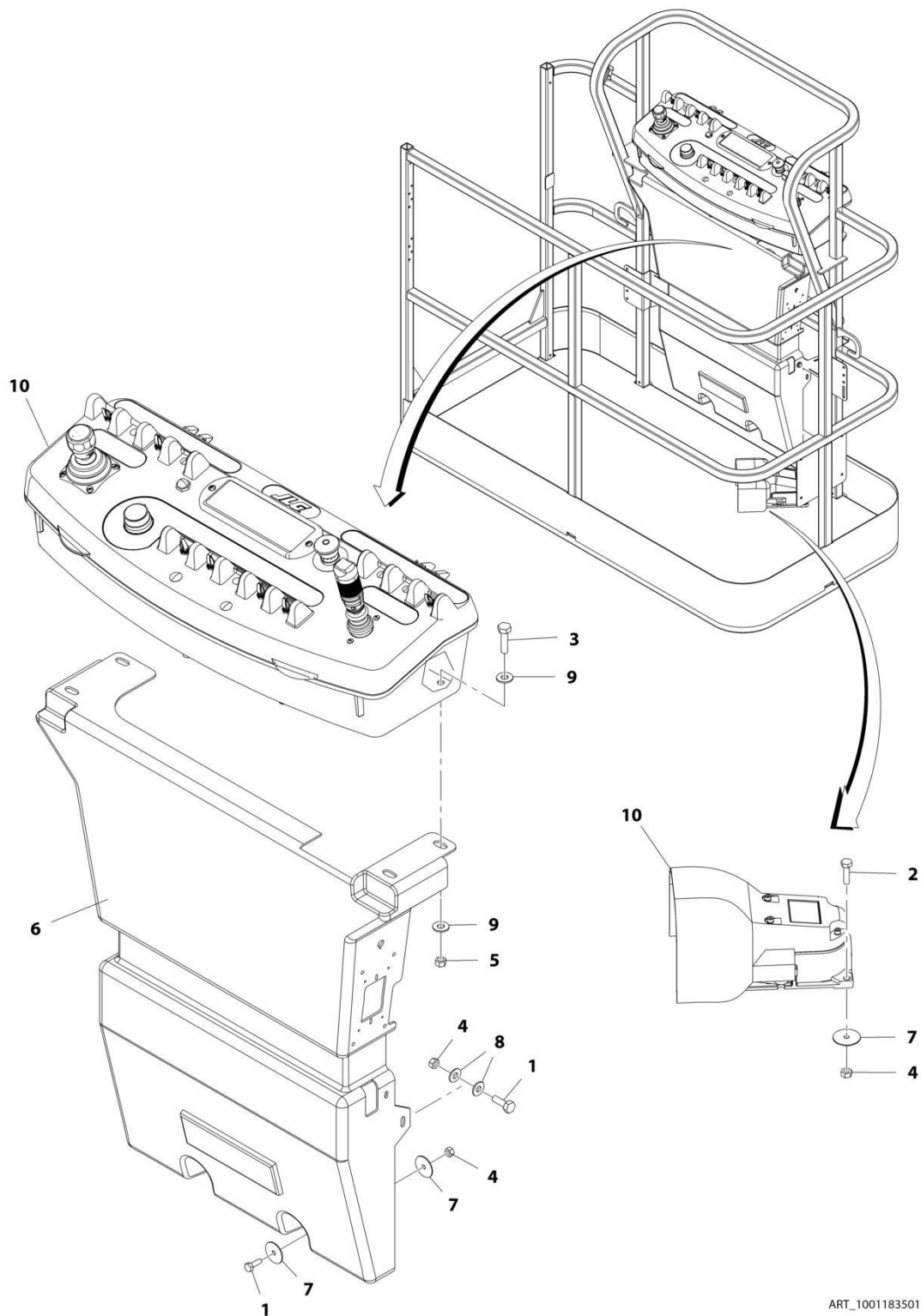
## SECTION 4 - PLATFORM

**FIGURE 4-3. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM)**

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

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FIGURE 4-4. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITHOUT SKYGUARD



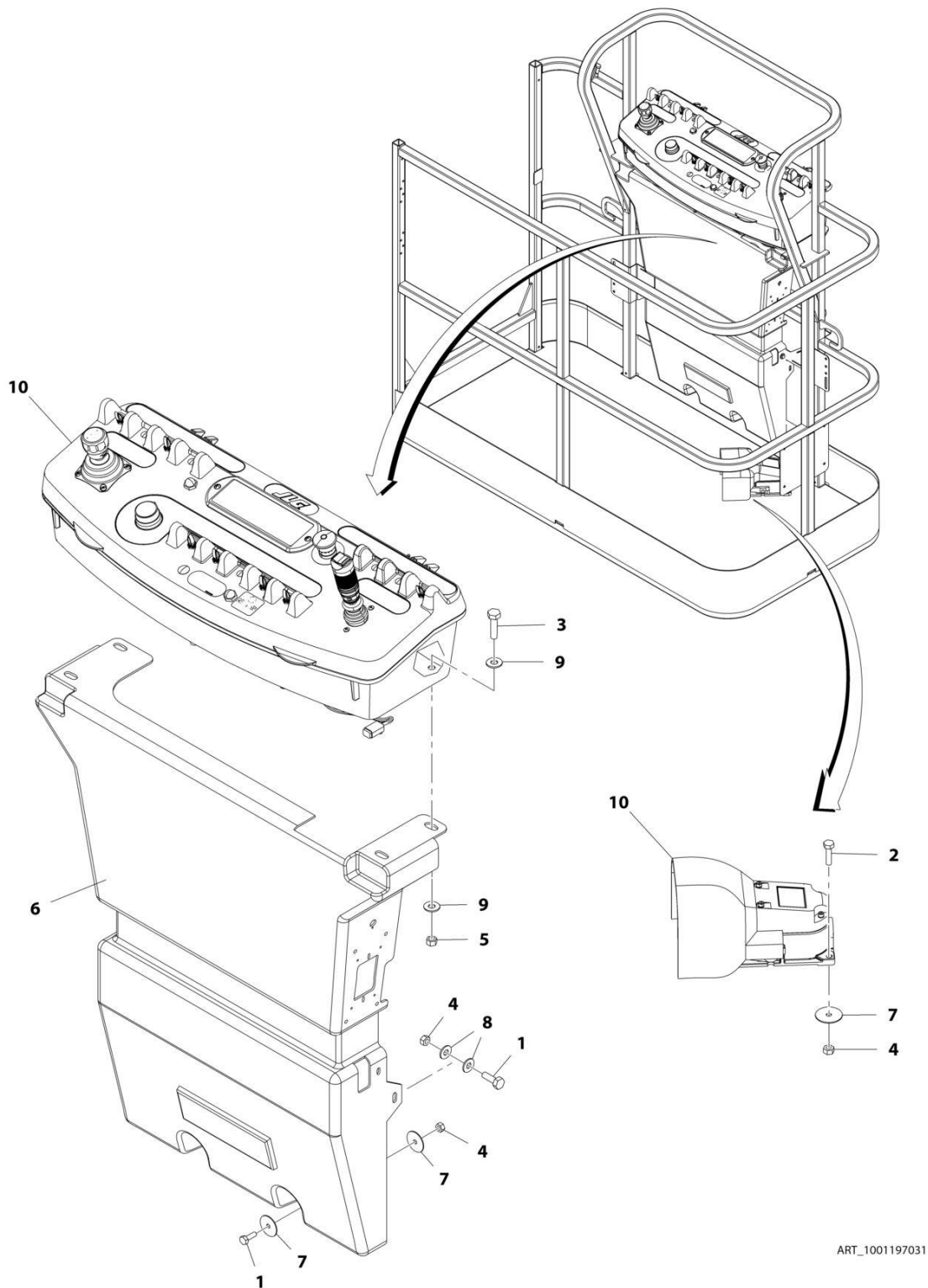
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**FIGURE 4-4. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITHOUT SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                       | REV |
|------|-------------|-----|---------------------------------------------------------------------------------------------------|-----|
|      | 1001183501  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITHOUT SKYGUARD                            | B   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                    |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                      |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                                  |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                           |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                           |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                   |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                        |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                        |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                        |     |
| 10   | 1001202595  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJ WITHOUT SKYGUARD for Breakdown) |     |

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FIGURE 4-5. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300211844 through 0300256384)



ART\_1001197031



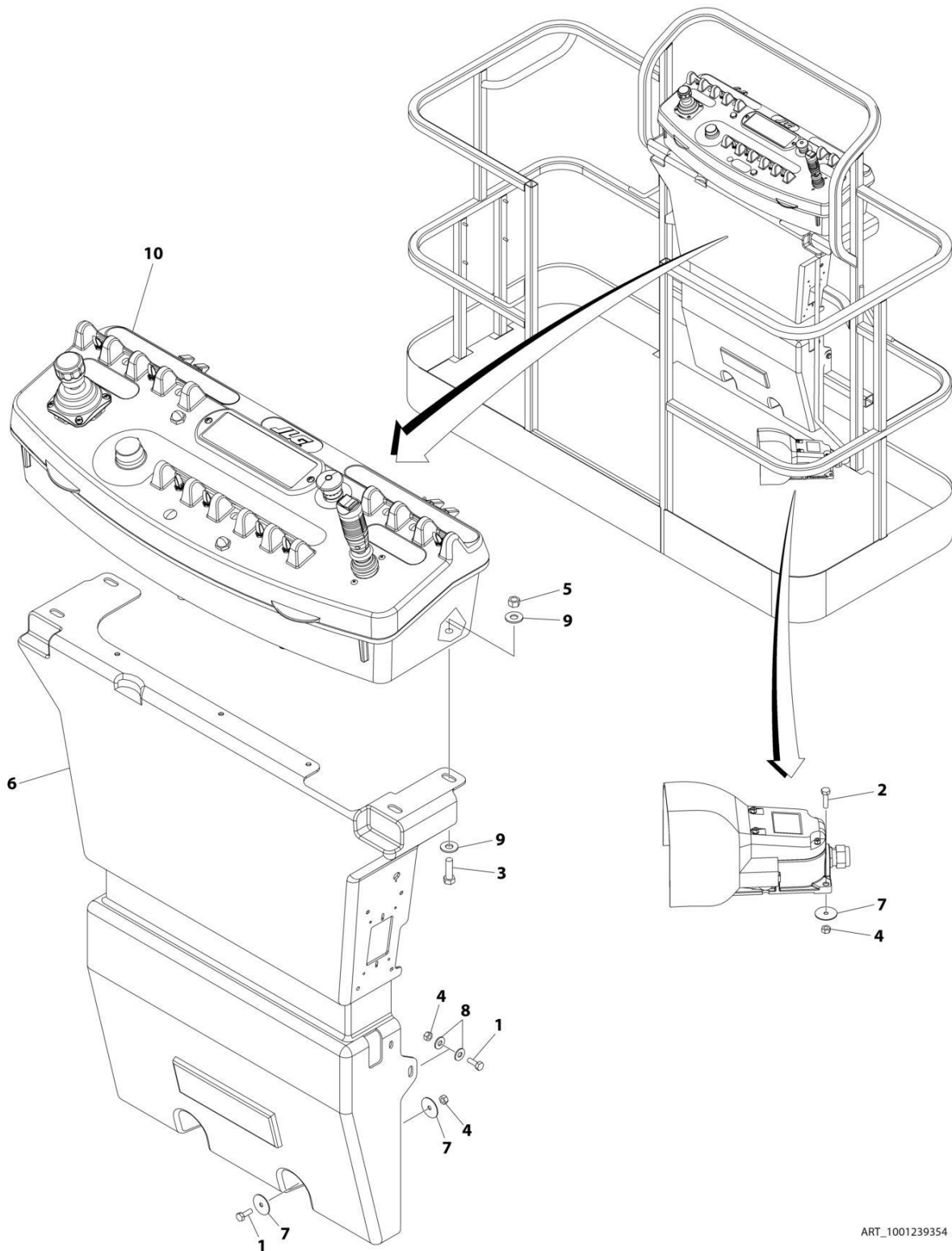
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**FIGURE 4-5. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300211844 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                    | REV |
|------|-------------|-----|------------------------------------------------------------------------------------------------|-----|
|      | 1001197031  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD            | C   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                 |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                   |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                               |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                        |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                        |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                     |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                     |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                     |     |
| 10   | 1001202593  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJ WITH SKYGUARD for Breakdown) |     |

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FIGURE 4-6. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300256384 through 0300272206)



ART\_1001239354

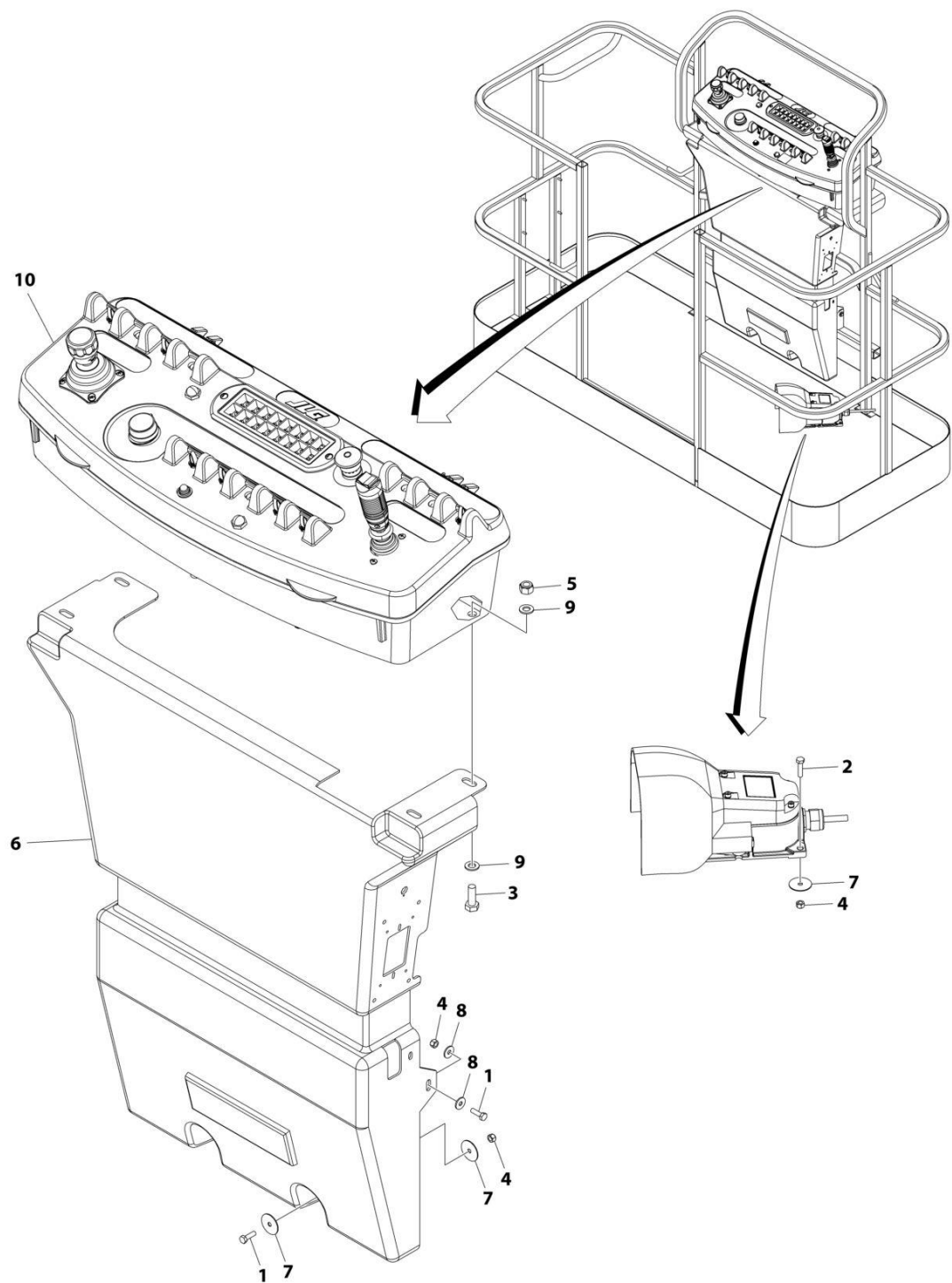
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**FIGURE 4-6. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                    | REV |
|------|-------------|-----|------------------------------------------------------------------------------------------------|-----|
|      | 1001239354  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJ WITH SKYGUARD            | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                 |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                   |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                               |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                        |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                        |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                     |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                     |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                     |     |
| 10   | 1001239358  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJ WITH SKYGUARD for Breakdown) |     |

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FIGURE 4-7. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJ WITH SKYGUARD



ART\_1001220657

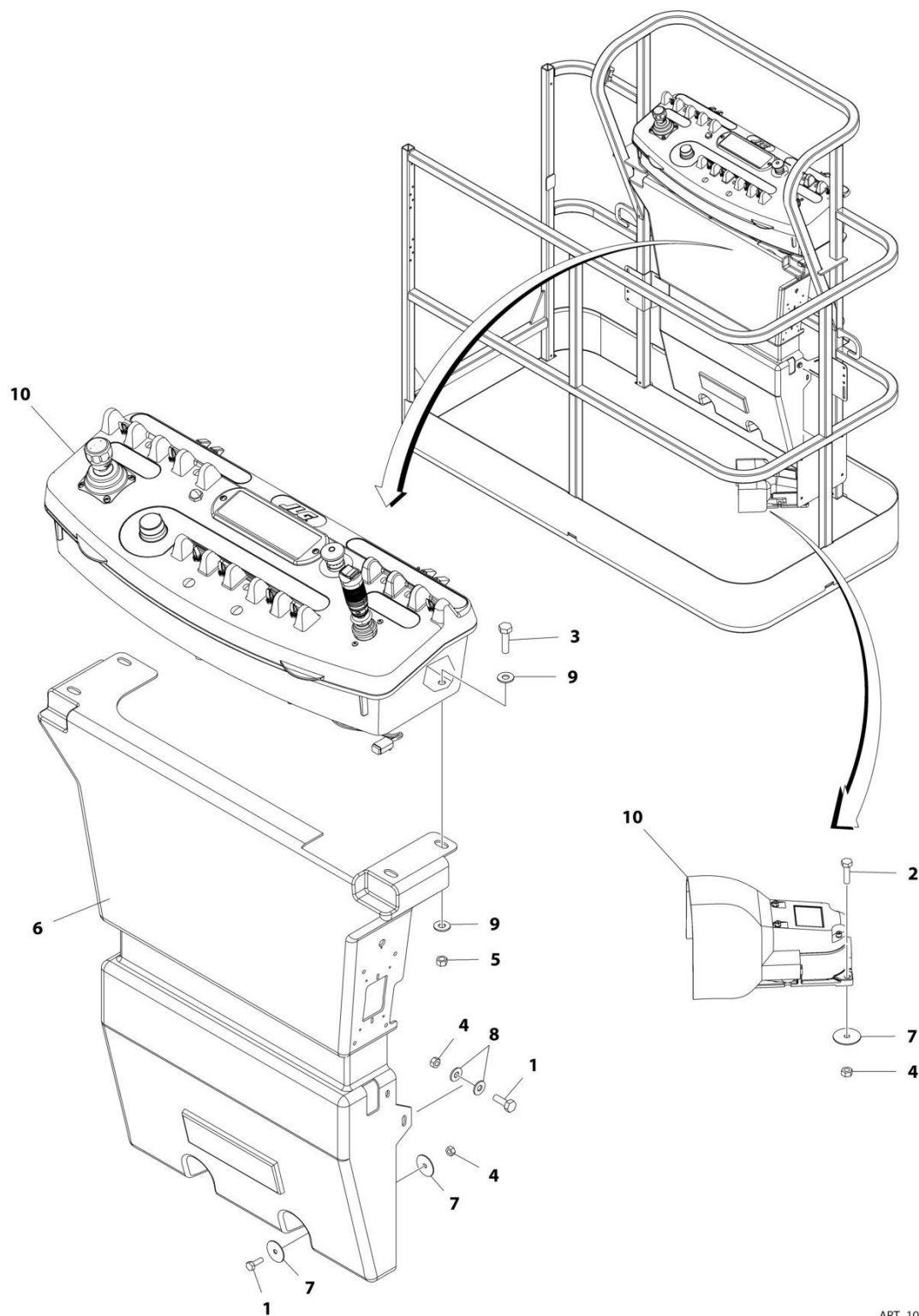
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**FIGURE 4-7. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJ WITH SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                         | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------|-----|
|      | 1001220657  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJ WITH SKYGUARD | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                      |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                        |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                    |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                             |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                             |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                     |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                          |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                          |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                          |     |
| 10   | 1001218244  | 1   | Platform Console Assembly (See Separate Breakdown in this Section)                  |     |

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FIGURE 4-8. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD  
(UL SPECS) (SN 0300226252 through 0300256384)



ART\_1001216145

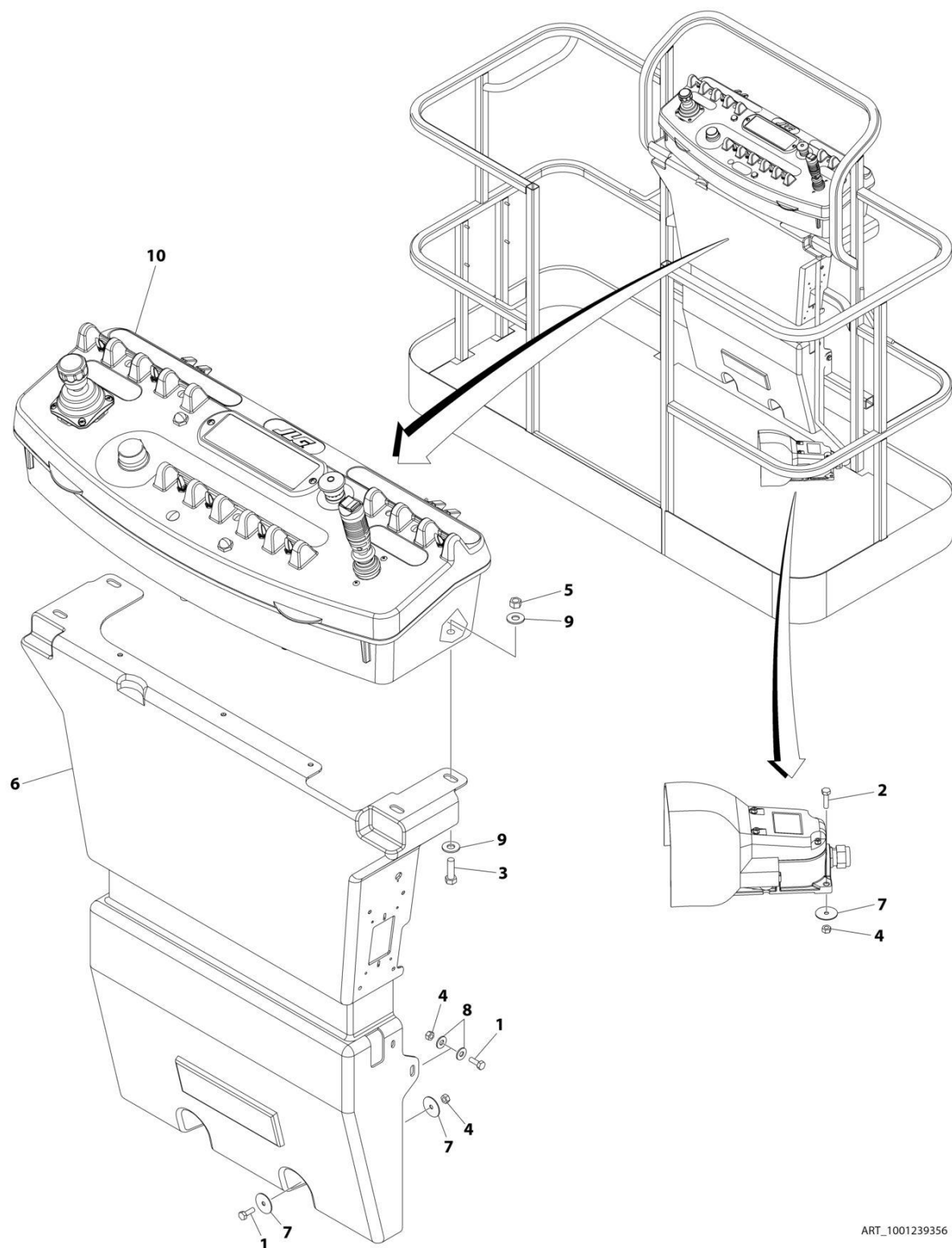
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**FIGURE 4-8. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD (UL SPECS) (SN 0300226252 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------|-----|
|      | 1001216145  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD (UL SPECS)   | B   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                   |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                     |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                 |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                          |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                          |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                  |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                       |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                       |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                       |     |
| 10   | 1001216151  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJ for Breakdown) |     |

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FIGURE 4-9. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD  
(UL SPECS) (SN 0300256384 through 0300272206)



ART\_1001239356



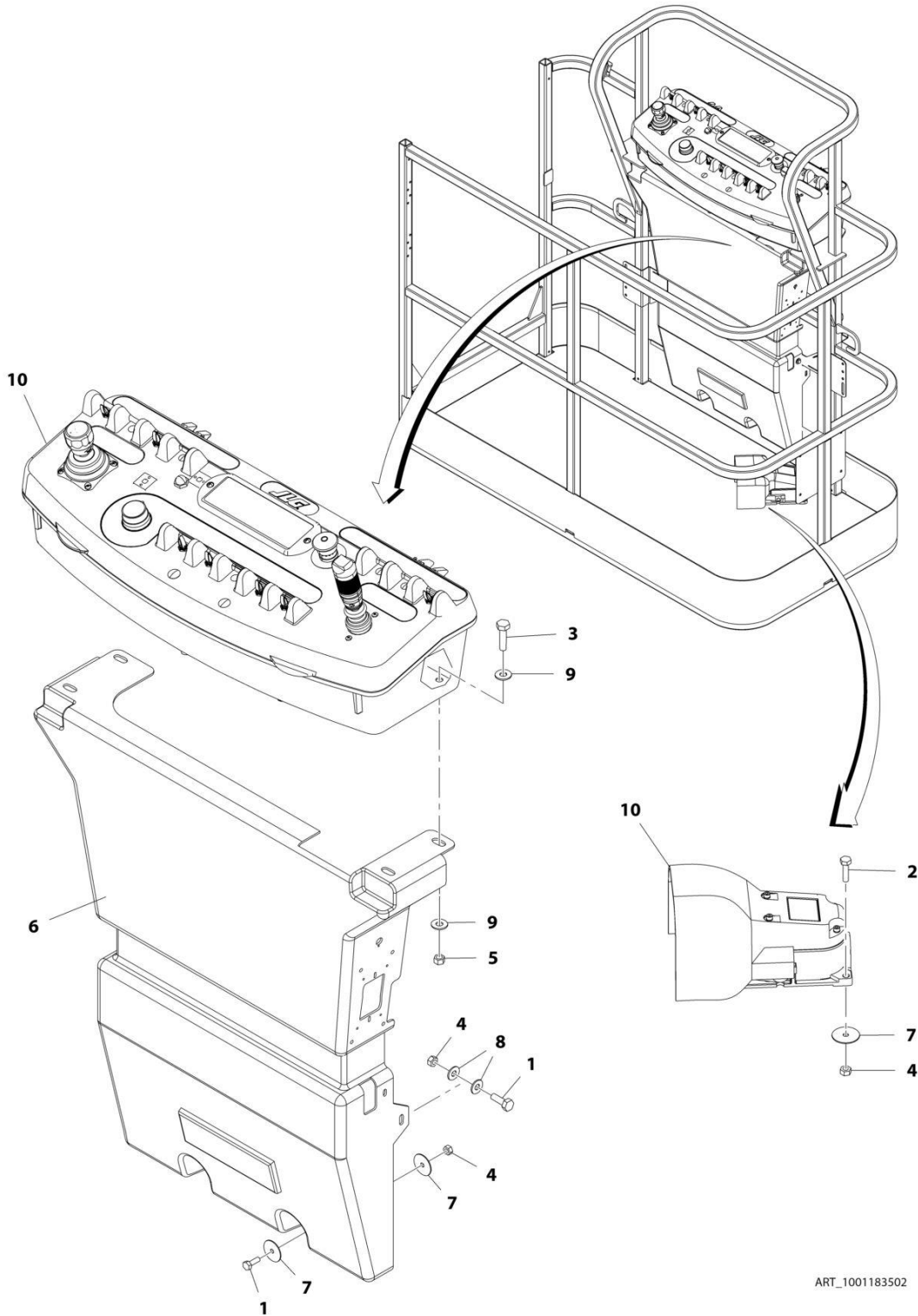
## SECTION 4 - PLATFORM

**FIGURE 4-9. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD (UL SPECS) (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                      | REV |
|------|-------------|-----|----------------------------------------------------------------------------------|-----|
|      | 1001239356  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJ WITH SKYGUARD (UL SPECS)   | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                   |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                     |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                 |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                          |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                          |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                  |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                       |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                       |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                       |     |
| 10   | 1001239360  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJ for Breakdown) |     |

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FIGURE 4-10. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITHOUT SKYGUARD



ART\_1001183502

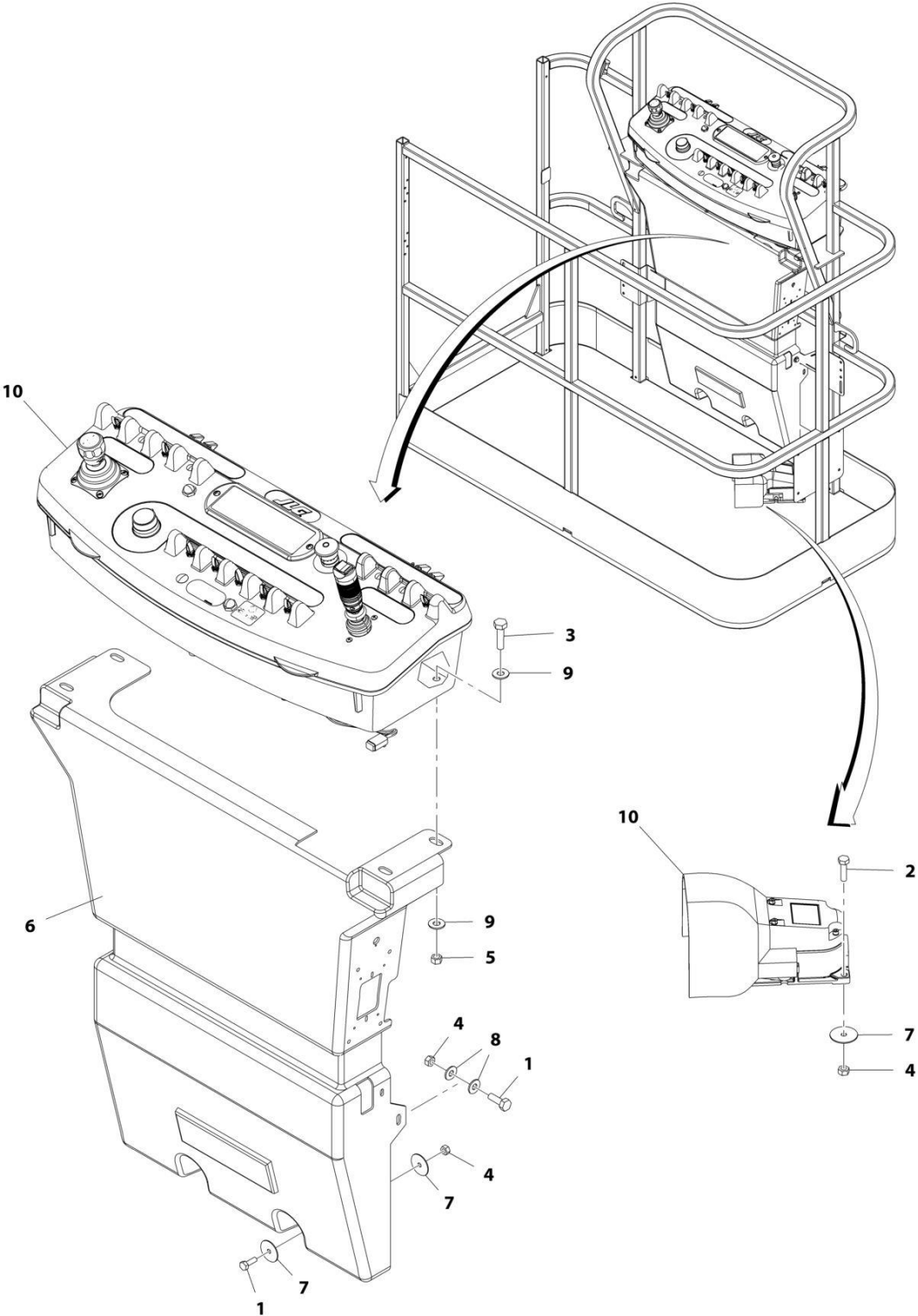
## SECTION 4 - PLATFORM

**FIGURE 4-10. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITHOUT SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                        | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------|-----|
|      | 1001183502  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITHOUT SKYGUARD                            | B   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                     |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                       |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                                   |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                            |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                            |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                    |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                         |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                         |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                         |     |
| 10   | 1001202597  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJP WITHOUT SKYGUARD for Breakdown) |     |

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FIGURE 4-11. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD (SN 0300211844 through 0300256384)



ART\_1001197032

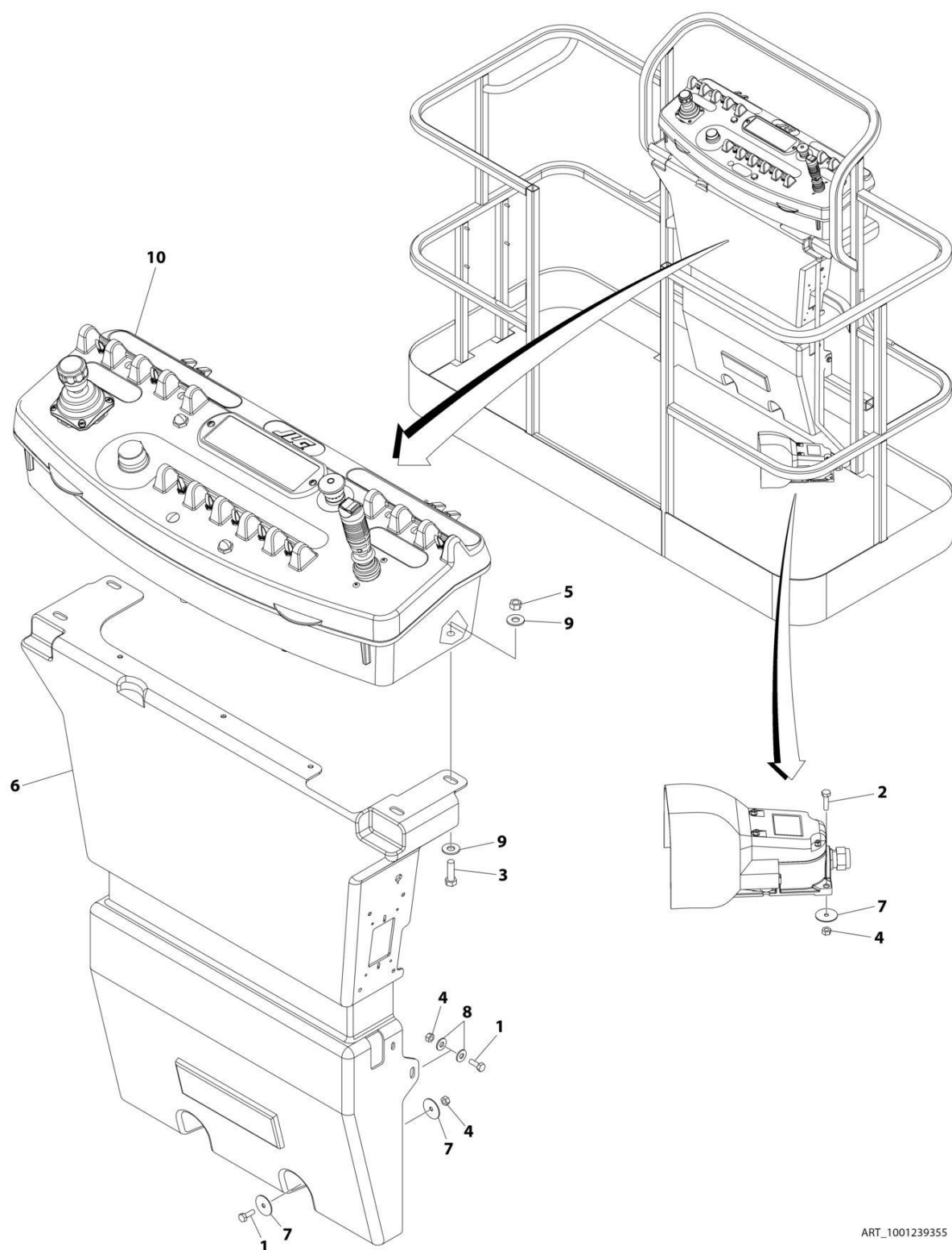
## SECTION 4 - PLATFORM

**FIGURE 4-11. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD (SN 0300211844 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                     | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------------|-----|
|      | 1001197032  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD            | C   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                  |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                    |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                                |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                         |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                         |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                 |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                      |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                      |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                      |     |
| 10   | 1001202596  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJP WITH SKYGUARD for Breakdown) |     |

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FIGURE 4-12. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD (SN 0300256384 through 0300272206)



ART\_1001239355

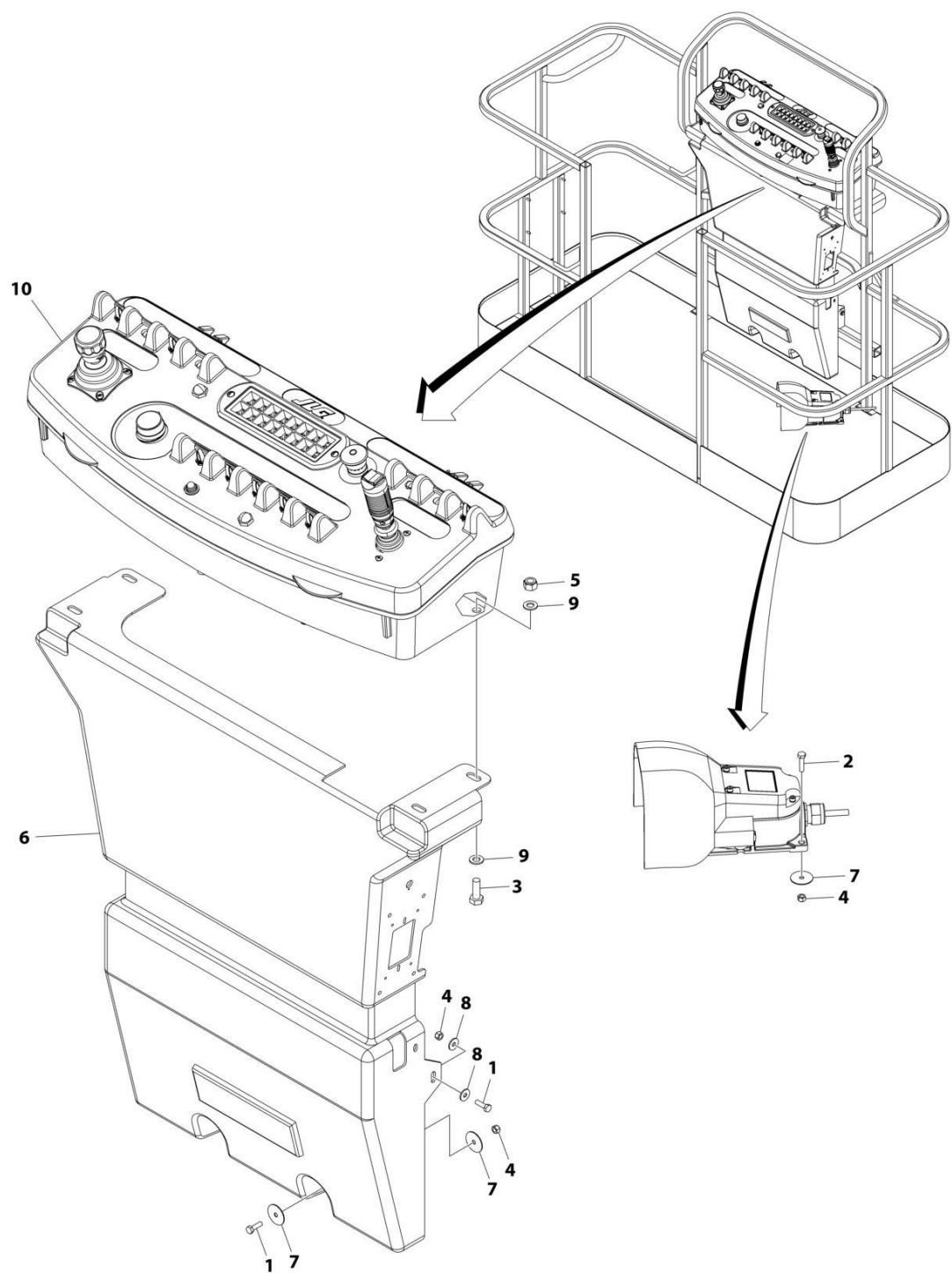
## SECTION 4 - PLATFORM

**FIGURE 4-12. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                     | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------------|-----|
|      | 1001239355  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 4 CELL LSS - E300AJP WITH SKYGUARD            | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                                  |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                                    |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                                |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                                         |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                                         |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                                 |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                                      |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                                      |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                                      |     |
| 10   | 1001239359  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJP WITH SKYGUARD for Breakdown) |     |

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FIGURE 4-13. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJP WITH SKYGUARD



ART\_1001220658



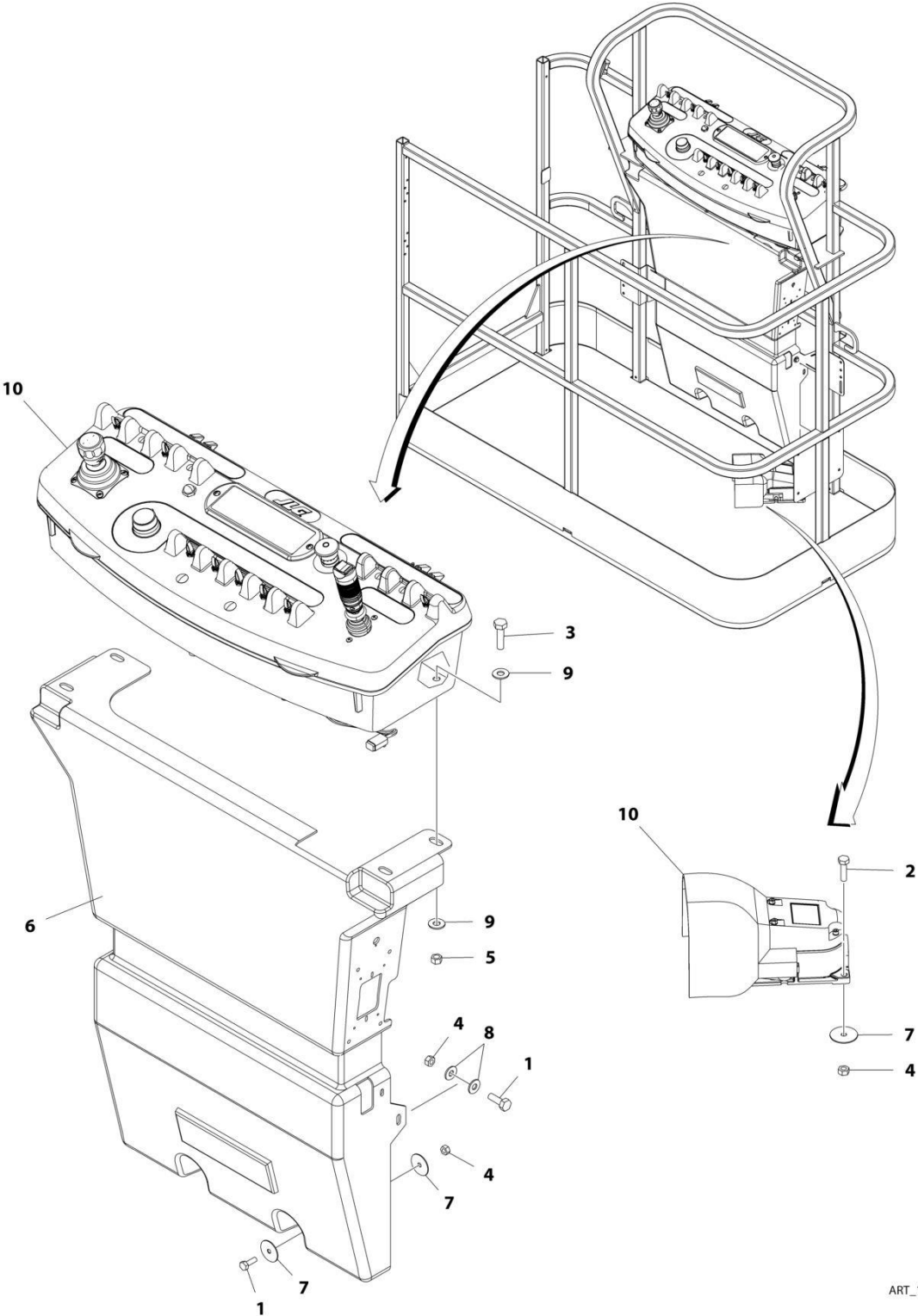
## SECTION 4 - PLATFORM

**FIGURE 4-13. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJP WITH SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                          | REV |
|------|-------------|-----|--------------------------------------------------------------------------------------|-----|
|      | 1001220658  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION WITH 1 CELL LSS - E300AJP WITH SKYGUARD | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                       |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                         |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                     |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                              |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                              |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                      |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                           |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                           |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                           |     |
| 10   | 1001218245  | 1   | Platform Console Assembly (See Separate Breakdown in this Section)                   |     |

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FIGURE 4-14. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS) (SN 0300226252 through 0300256384)



ART\_1001216146

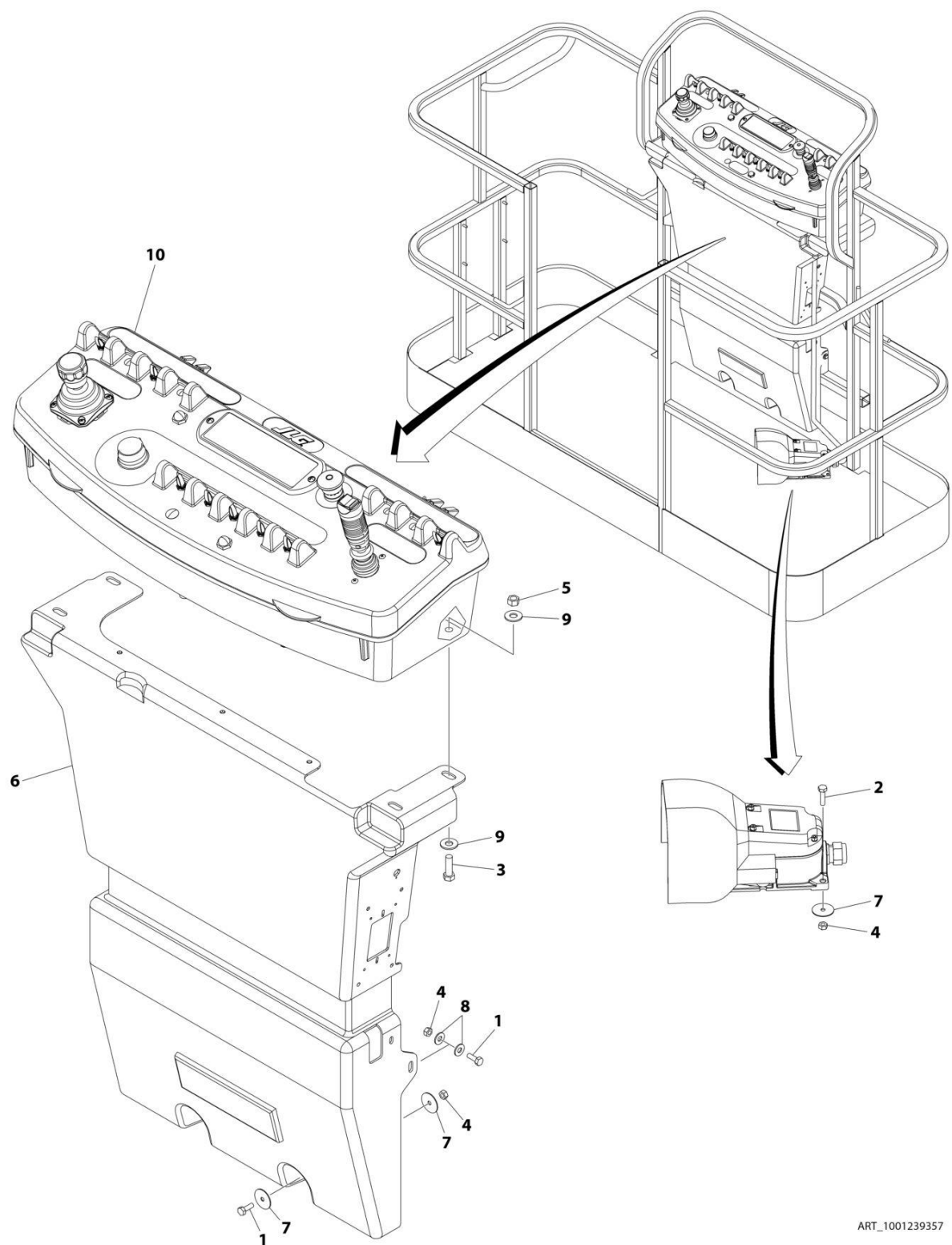
## SECTION 4 - PLATFORM

**FIGURE 4-14. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS) (SN 0300226252 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                       | REV |
|------|-------------|-----|-----------------------------------------------------------------------------------|-----|
|      | 1001216146  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS)   | B   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                    |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                      |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                  |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                           |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                           |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                   |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                        |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                        |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                        |     |
| 10   | 1001216152  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJP for Breakdown) |     |

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FIGURE 4-15. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS) (SN 0300256384 through 0300272206)



ART\_1001239357

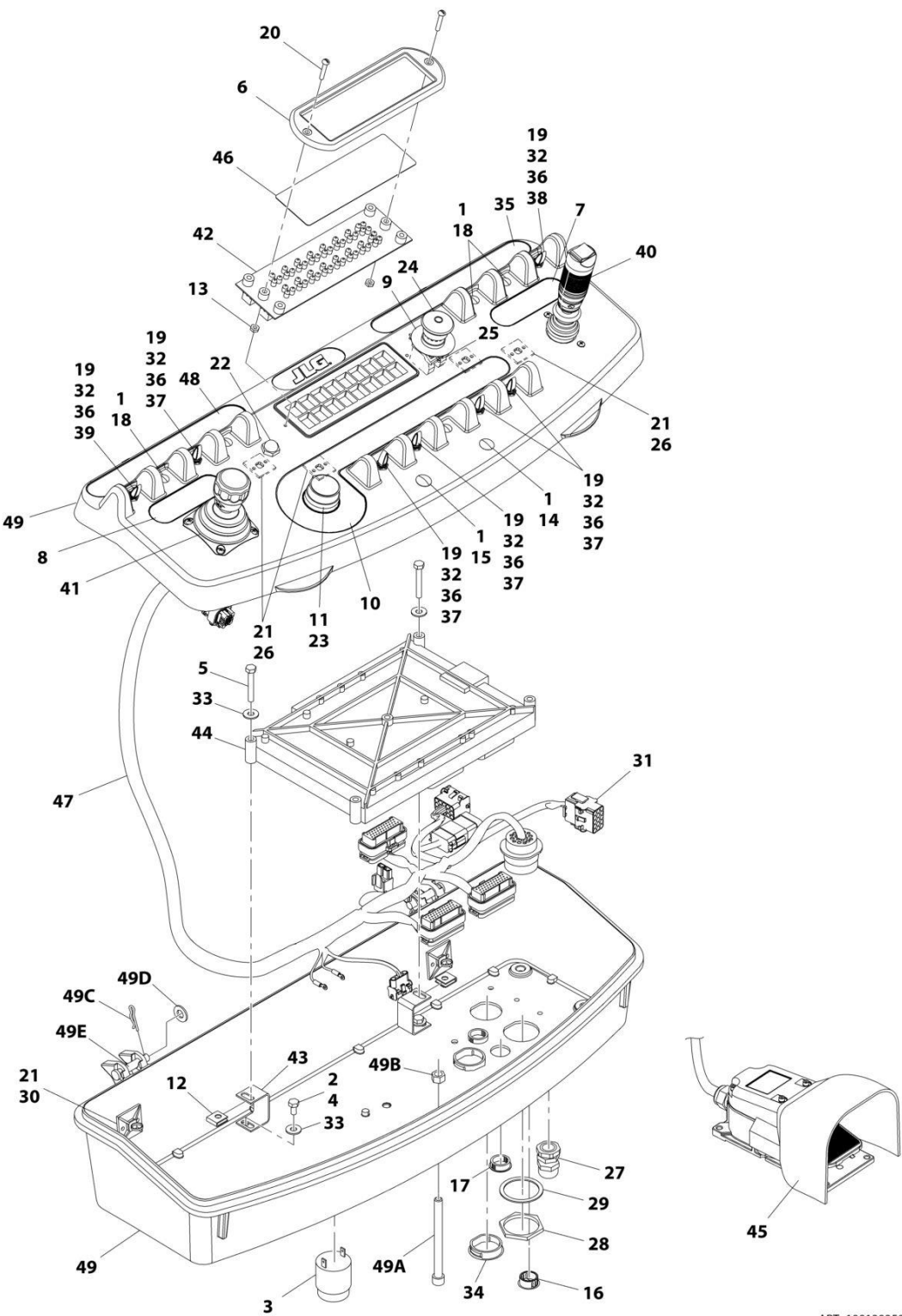
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**FIGURE 4-15. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS) (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                       | REV |
|------|-------------|-----|-----------------------------------------------------------------------------------|-----|
|      | 1001239357  | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION - E300AJP WITH SKYGUARD (UL SPECS)   | A   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                                                    |     |
| 2    | 0641408     | 3   | Bolt 1/4 x 1                                                                      |     |
| 3    | 0641610     | 4   | Bolt 3/8 x 1-1/4                                                                  |     |
| 4    | 3311405     | 7   | Nut 1/4                                                                           |     |
| 5    | 3311605     | 4   | Nut 3/8                                                                           |     |
| 6    | 3380434     | 1   | Panel, Pedestal                                                                   |     |
| 7    | 4740362     | 7   | Washer 1/4                                                                        |     |
| 8    | 4751400     | 4   | Washer 1/4                                                                        |     |
| 9    | 4751600     | 8   | Washer 3/8                                                                        |     |
| 10   | 1001239361  | 1   | Platform Console Assembly (See PLATFORM CONSOLE ASSEMBLY - E300AJP for Breakdown) |     |

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FIGURE 4-16. PLATFORM CONSOLE ASSEMBLY - E300AJ WITHOUT SKYGUARD



ART\_1001202595

## SECTION 4 - PLATFORM

**FIGURE 4-16. PLATFORM CONSOLE ASSEMBLY - E300AJ WITHOUT SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001202595  | Ref | PLATFORM CONSOLE ASSEMBLY - E300AJ WITHOUT SKYGUARD                                                                  | C   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100075     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520026     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 17   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                                                                        |     |
| 17   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                                                                        |     |
| 18   | 3520054     | 5   | Plug, Hole                                                                                                           |     |
| 19   | 3790012     | 7   | O-Ring                                                                                                               |     |
| 20   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 21   | 4240032     | AR  | Tie-Strap                                                                                                            |     |
| 22   | 4360387     | 1   | Switch, Push Button                                                                                                  |     |
| 23   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 23   | 70003784    | 1   | Seal, O-Ring                                                                                                         |     |
| 23   | 4460224     | 1   | Plug, Male - 6 Position                                                                                              |     |
| 23   | 4460267     | 6   | Pin, Male                                                                                                            |     |
| 24   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 24   | 7020175     | 1   | Cap                                                                                                                  |     |
| 24   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 26   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 27   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 28   | 4460470     | 1   | Nut                                                                                                                  |     |
| 29   | 4460471     | 1   | Washer                                                                                                               |     |
| 30   | 4460488     | 2   | Base, Mounting                                                                                                       |     |
| 31   | 4460708     | 1   | Connector                                                                                                            |     |
| 32   | 4740397     | 7   | Spacer                                                                                                               |     |
| 33   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 34   | 1001110434  | 2   | Plug                                                                                                                 |     |
| 35   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 36   | 1001155044  | 7   | Nut 15/32                                                                                                            |     |
| 37   | 1001155045  | 5   | Switch, Toggle                                                                                                       |     |
| 38   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 39   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 40   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 41   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See                                                       |     |

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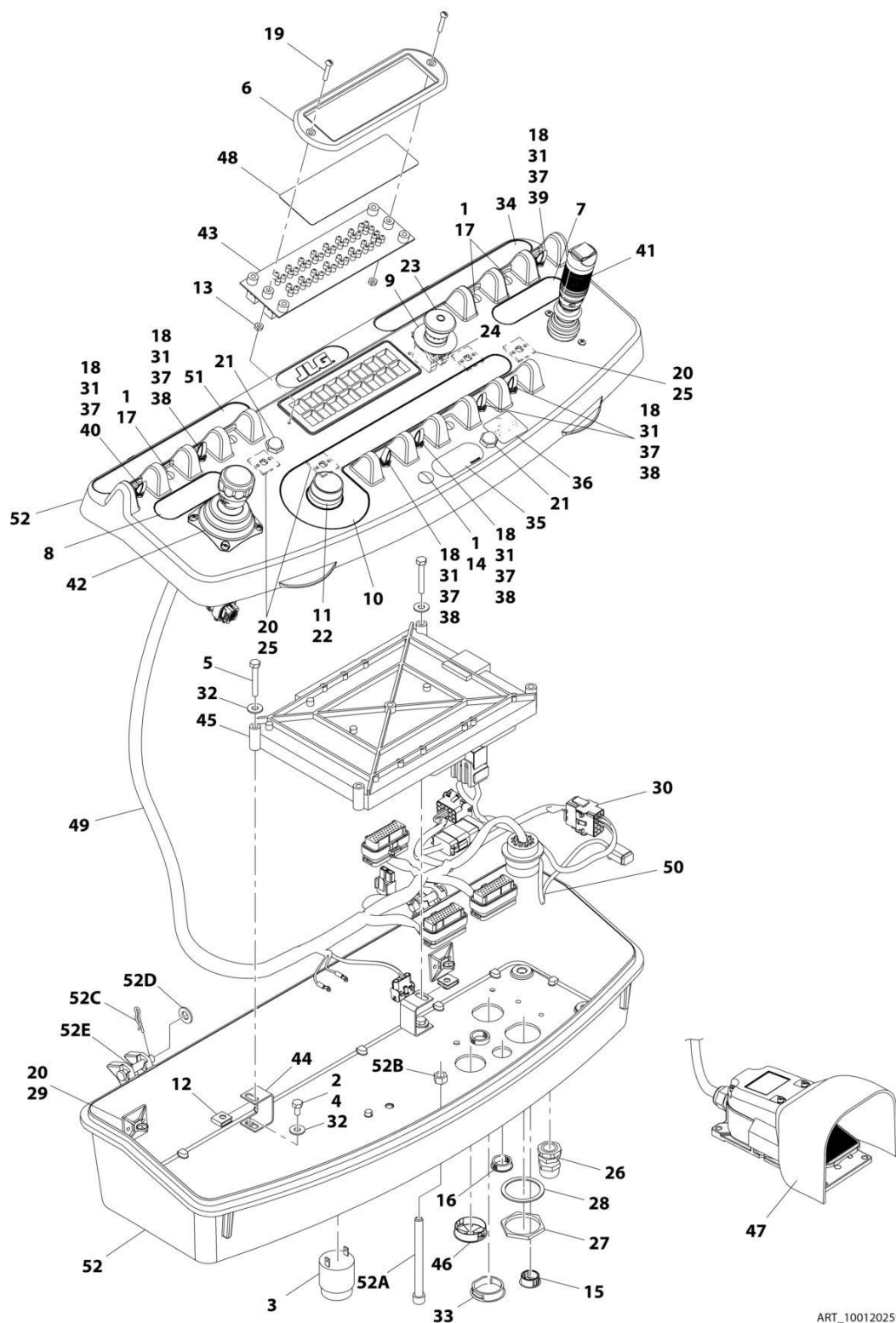
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                     | REV |
|------|-------------|-----|-----------------------------------------------------------------|-----|
| 42   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)             | B   |
| 43   | 1001172760  | 4   | Gauge, LED Panel                                                |     |
| 44   | 1001182724  | 1   | Bracket, Module                                                 |     |
| 45   | 1001189039  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)  |     |
| 46   | 1001190797  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)     |     |
| 47   | 1001191318  | 1   | Decal - Display                                                 |     |
| 48   | 1001193987  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown) |     |
| 49   | 1001201887  | 1   | Decal - Horn                                                    |     |
| 49A  | 0630568     | 1   | Box, Console                                                    |     |
| 49B  | 3311601     | 1   | Capscrew 3/8 x 4-1/2                                            |     |
| 49C  | 3470003     | 2   | Nut 3/8                                                         |     |
| 49D  | 4711500     | 2   | Hair Pin                                                        |     |
| 49D  | 4711600     | 2   | Washer 5/16 (SN 0300211844 through 0300219852)                  |     |
| 49D  | 4711600     | 2   | Washer 3/8 (SN 0300219853 through 0300272206)                   |     |
| 49E  | 3430616     | 2   | Pin                                                             |     |





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FIGURE 4-17. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300211844 through 0300256384)



ART\_1001202593

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**FIGURE 4-17. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300211844 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
|      | 1001202593  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD | E   |
| 1    | 0100009     | AR  | Sealant                                                          |     |
| 2    | 0100075     | AR  | Compound, Locking                                                |     |
| 3    | 0140011     | 1   | Alarm                                                            |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                   |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                 |     |
| 6    | 1671176     | 1   | Housing                                                          |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                          |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                           |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                           |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                           |     |
| 11   | 2560136     | 1   | Handle, Knob                                                     |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                   |     |
| 13   | 3300408     | 2   | Nut                                                              |     |
| 14   | 3520027     | 1   | Plug, Hole                                                       |     |
| 15   | 3520030     | 1   | Plug, Hole                                                       |     |
| 16   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                    |     |
| 16   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                    |     |
| 17   | 3520054     | 4   | Plug, Hole                                                       |     |
| 18   | 3790012     | 8   | O-Ring                                                           |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                             |     |
| 20   | 4240032     | AR  | Tie-Strap                                                        |     |
| 21   | 4360387     | 2   | Switch, Push Button                                              |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                            |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                     |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                          |     |
| 22   | 4460267     | 6   | Pin, Male                                                        |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                           |     |
| 23   | 7020175     | 1   | Cap                                                              |     |
| 23   | 7020176     | 1   | Block, Contact                                                   |     |
| 24   | 4360476     | 1   | Block, Contact                                                   |     |
| 25   | 4460234     | 4   | Base, Mounting                                                   |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                         |     |
| 27   | 4460470     | 1   | Nut                                                              |     |
| 28   | 4460471     | 1   | Washer                                                           |     |
| 29   | 4460488     | 2   | Base, Mounting                                                   |     |
| 30   | 4460708     | 1   | Connector                                                        |     |
| 31   | 4740397     | 8   | Spacer                                                           |     |
| 32   | 4751400     | 8   | Washer 1/4                                                       |     |
| 33   | 1001110434  | 1   | Plug                                                             |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                           |     |
| 35   | 1001141300  | 1   | Decal - SkyGuard Override (SN 0300211844 through 0300237352)     |     |
| 36   | 1001144433  | 1   | Decal - No Weight SkyGuard                                       |     |
| 37   | 1001155044  | 8   | Nut 15/32                                                        |     |
| 38   | 1001155045  | 5   | Switch, Toggle                                                   |     |
| 39   | 1001159256  | 1   | Switch, Toggle                                                   |     |
| 40   | 1001161710  | 1   | Switch, Toggle                                                   |     |

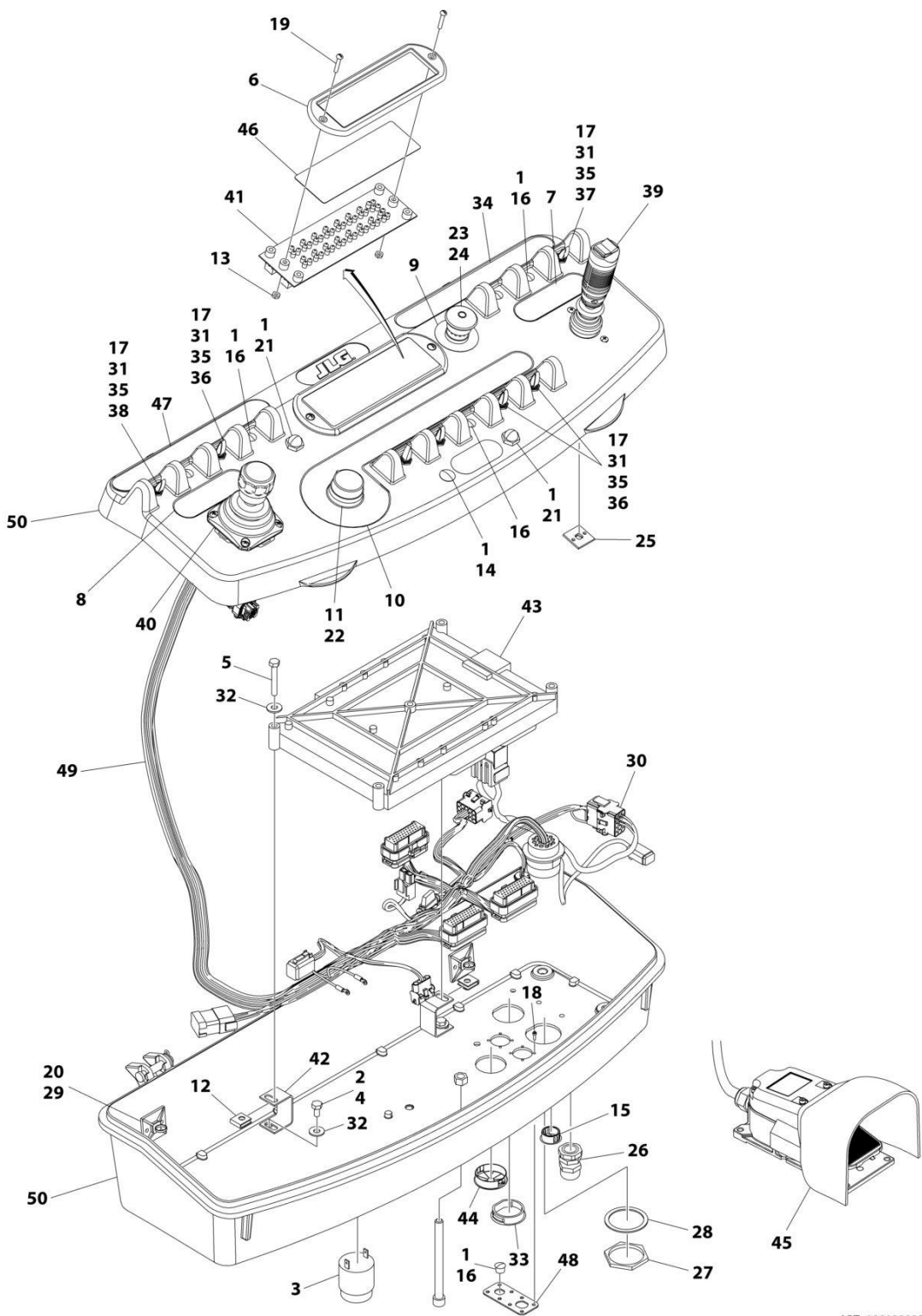
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| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
| 41   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) | B   |
| 42   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)   |     |
| 43   | 1001170838  | 1   | Gauge, LED Panel                                                                                                     |     |
| 44   | 1001172760  | 6   | Bracket, Module                                                                                                      |     |
| 45   | 1001182724  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)                                                       |     |
| 46   | 1001185281  | 1   | Plug                                                                                                                 |     |
| 47   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)                                                          |     |
| 48   | 1001190797  | 1   | Decal - Display                                                                                                      |     |
| 49   | 1001191318  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)                                                      |     |
| 50   | 1001192292  | 1   | SkyGuard Harness (See ELECTRICAL SECTION for Breakdown)                                                              |     |
| 51   | 1001193987  | 1   | Decal - Horn                                                                                                         |     |
| 52   | 1001201887  | 1   | Box, Console                                                                                                         |     |
| 52A  | 0630568     | 1   | Capscrew 3/8 x 4-1/2                                                                                                 |     |
| 52B  | 3311601     | 1   | Nut 3/8                                                                                                              |     |
| 52C  | 3470003     | 1   | Hair Pin                                                                                                             |     |
| 52D  | 4711500     | 2   | Washer 5/16 (SN 0300211844 through 0300219852)                                                                       |     |
| 52D  | 4711600     | 2   | Washer 3/8 (SN 0300219853 through 0300272206)                                                                        |     |
| 52E  | 3430616     | 2   | Pin                                                                                                                  |     |



SECTION 4 - PLATFORM

FIGURE 4-18. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300256384 through 0300272206)



ART\_1001239358

## SECTION 4 - PLATFORM

**FIGURE 4-18. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001239358  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJ WITH SKYGUARD                                                     | A   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520054     | 6   | Plug, Hole                                                                                                           |     |
| 17   | 3790012     | 7   | O-Ring                                                                                                               |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                                        |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 20   | 4240032     | AR  | Tie-Strap                                                                                                            |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                                  |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 27   | 4460470     | 1   | Nut                                                                                                                  |     |
| 28   | 4460471     | 1   | Washer                                                                                                               |     |
| 29   | 4460488     | 2   | Base, Mounting                                                                                                       |     |
| 30   | 4460708     | 1   | Connector                                                                                                            |     |
| 31   | 4740397     | 7   | Spacer                                                                                                               |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 33   | 1001110434  | 1   | Plug                                                                                                                 |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 35   | 1001155044  | 7   | Nut 15/32                                                                                                            |     |
| 36   | 1001155045  | 5   | Switch, Toggle                                                                                                       |     |
| 37   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 38   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 39   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)   |     |
| 41   | 1001170838  | 1   | Gauge, LED Panel                                                                                                     |     |
| 42   | 1001172760  | 4   | Bracket, Module                                                                                                      |     |
| 43   | 1001182724  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)                                                       |     |
| 44   | 1001185281  | 1   | Plug                                                                                                                 |     |
| 45   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)                                                          |     |

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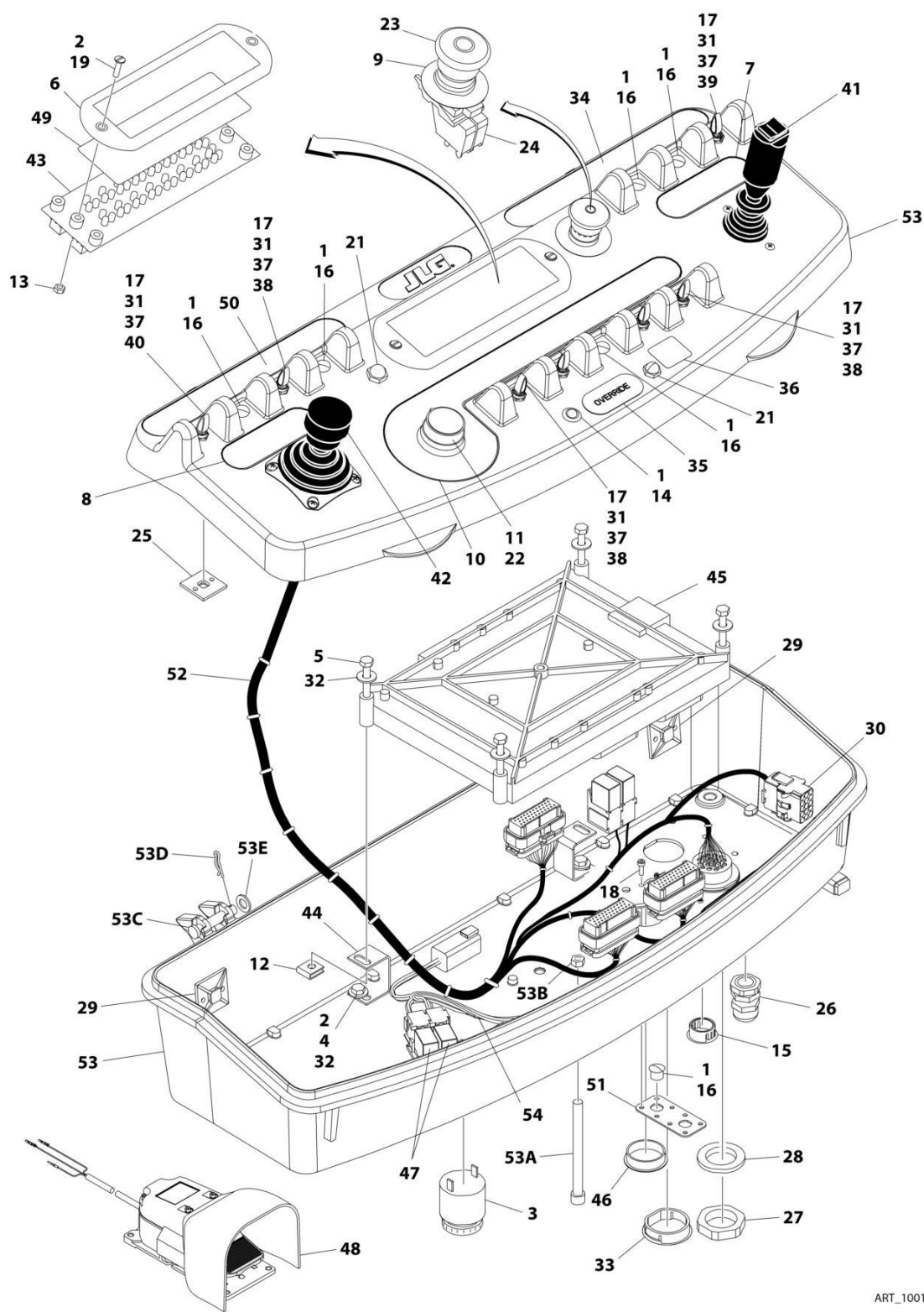
| ITEM | PART NUMBER | QTY | DESCRIPTION           | REV |
|------|-------------|-----|-----------------------|-----|
| 46   | 1001190797  | 1   | Decal - Display       |     |
| 47   | 1001193987  | 1   | Decal - Horn          |     |
| 48   | 1001213882  | 1   | Connector             |     |
| 49   | 1001217621  | 1   | Harness, Console      |     |
| 50   | 1001218068  | 1   | Assembly, Console Box |     |





SECTION 4 - PLATFORM

FIGURE 4-19. PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJ WITH SKYGUARD



ART\_1001218244

## SECTION 4 - PLATFORM

**FIGURE 4-19. PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJ WITH SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001218244  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJ WITH SKYGUARD                                                     | C   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520054     | 6   | Plug, Hole                                                                                                           |     |
| 17   | 3790012     | 7   | O-Ring                                                                                                               |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                                        |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 20   | 4240032     | AR  | Tie-Strap (Not Shown)                                                                                                |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                                  |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                                                                         |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                                                                              |     |
| 22   | 4460267     | 6   | Pin, Male                                                                                                            |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 23   | 7020175     | 1   | Cap                                                                                                                  |     |
| 23   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 27   | 4460470     | 1   | Nut                                                                                                                  |     |
| 28   | 4460471     | 1   | Washer                                                                                                               |     |
| 29   | 4460488     | 3   | Base, Mounting                                                                                                       |     |
| 30   | 4460708     | 1   | Connector                                                                                                            |     |
| 31   | 4740397     | 7   | Spacer                                                                                                               |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 33   | 1001110434  | 1   | Plug                                                                                                                 |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 35   | 1001141300  | 1   | Decal - SkyGuard Override                                                                                            |     |
| 36   | 1001144433  | 1   | Decal - No Weight SkyGuard                                                                                           |     |
| 37   | 1001155044  | 7   | Nut 15/32                                                                                                            |     |
| 38   | 1001155045  | 5   | Switch, Toggle                                                                                                       |     |
| 39   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 40   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 41   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 42   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See                                                       |     |

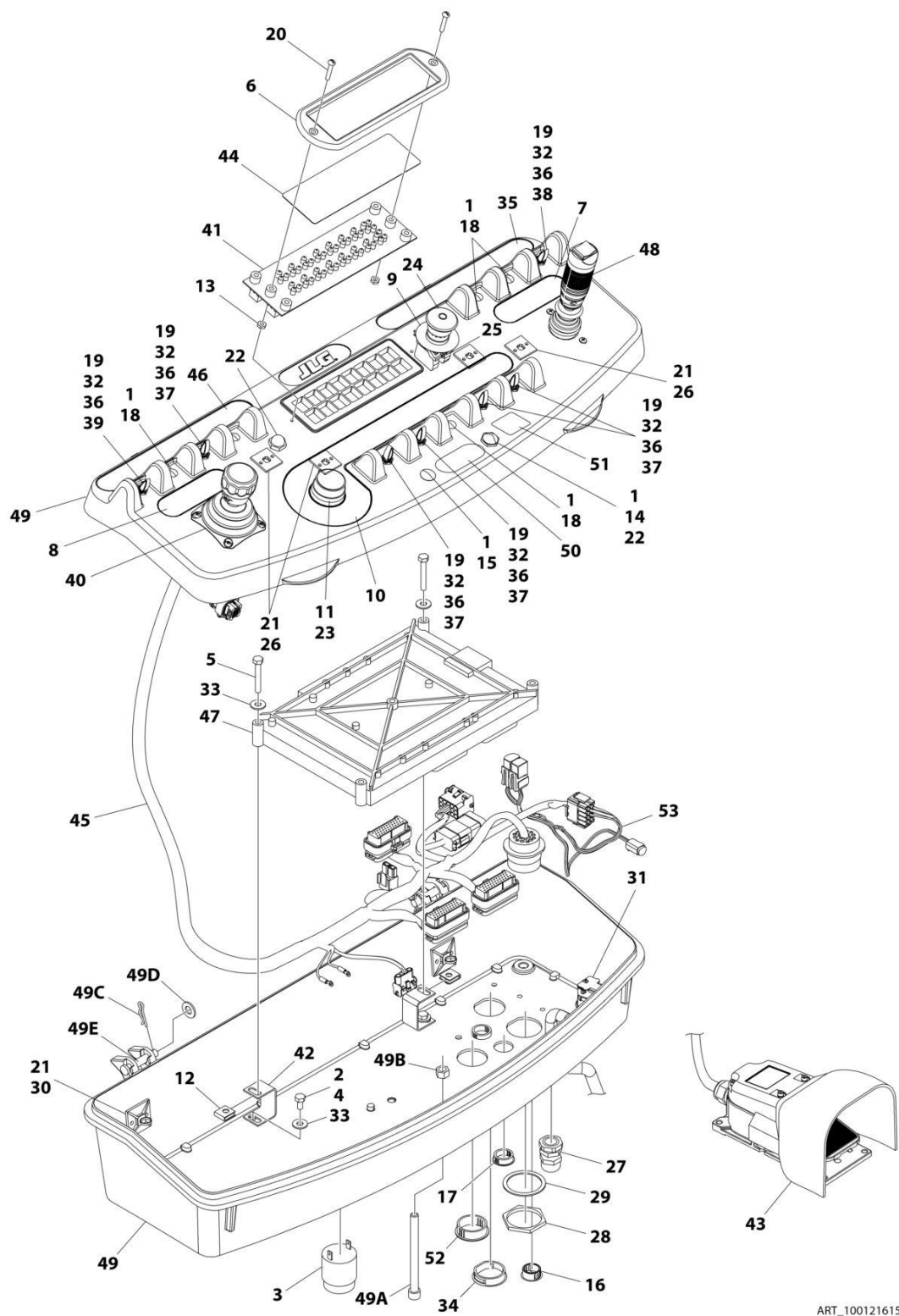
## SECTION 4 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------|-----|
| 43   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)                  | C   |
| 44   | 1001172760  | 4   | Gauge, LED Panel                                                     |     |
| 45   | 1001182724  | 1   | Bracket, Module                                                      |     |
| 46   | 1001185281  | 1   | Module, Platform (Note: Recalibration Required when Replaced)        |     |
| 47   | 1001186431  | 1   | Plug                                                                 |     |
| 48   | 1001189039  | 2   | Relay                                                                |     |
| 49   | 1001190797  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)          |     |
| 50   | 1001193987  | 1   | Decal - Display                                                      |     |
| 51   | 1001213882  | 1   | Decal - Horn                                                         |     |
| 52   | 1001217621  | 1   | Mount                                                                |     |
| 53   | 1001218068  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)      |     |
| 53A  | 1001218068  | 1   | Box, Console                                                         |     |
| 53B  | 0630568     | 1   | Capscrew 3/8 x 4-1/2                                                 |     |
| 53C  | 3311601     | 1   | Nut 3/8                                                              |     |
| 53D  | 3430616     | 2   | Pin                                                                  |     |
| 53E  | 3470003     | 2   | Hair Pin                                                             |     |
| 54   | 4711600     | 2   | Washer 3/8                                                           |     |
|      | 1001225580  | 1   | Generator to Platform Harness (See ELECTRICAL SECTION for Breakdown) |     |



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FIGURE 4-20. PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS) (SN 0300226252 through 0300256384)



ART\_1001216151

## SECTION 4 - PLATFORM

**FIGURE 4-20. PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS) (SN 0300226252 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------|-----|
|      | 1001216151  | Ref | PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS)                  | E   |
| 1    | 0100009     | AR  | Sealant                                                        |     |
| 2    | 0100075     | AR  | Compound, Locking                                              |     |
| 3    | 0140011     | 1   | Alarm                                                          |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                 |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                               |     |
| 6    | 1671176     | 1   | Housing                                                        |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                        |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                         |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                         |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                         |     |
| 11   | 2560136     | 1   | Handle, Knob                                                   |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                 |     |
| 13   | 3300408     | 2   | Nut                                                            |     |
| 14   | 3520026     | 1   | Plug, Hole (SN 0300272206 through 0300229198)                  |     |
| 15   | 3520027     | 1   | Plug, Hole                                                     |     |
| 16   | 3520030     | 1   | Plug, Hole                                                     |     |
| 17   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                  |     |
| 17   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                  |     |
| 18   | 3520054     | 5   | Plug, Hole                                                     |     |
| 19   | 3790012     | 7   | O-Ring                                                         |     |
| 20   | 3911018     | 2   | Capscrew #10 x 1-1/8                                           |     |
| 21   | 4240032     | AR  | Tie-Strap                                                      |     |
| 22   | 4360387     | 1   | Switch, Push Button (SN 0300272206 through 0300229198)         |     |
| 22   | 4360387     | 2   | Switch, Push Button (SN 0300229198 through 0300272206)         |     |
| 23   | 4360407     | 1   | Switch, Potentiometer                                          |     |
| 23   | 70003784    | 1   | Seal, O-Ring                                                   |     |
| 23   | 4460224     | 1   | Plug, Male - 6 Position                                        |     |
| 23   | 4460267     | 6   | Pin, Male                                                      |     |
| 24   | 4360475     | 1   | Switch, Emergency Stop                                         |     |
| 24   | 7020175     | 1   | Cap                                                            |     |
| 24   | 7020176     | 1   | Block, Contact                                                 |     |
| 25   | 4360476     | 1   | Block, Contact                                                 |     |
| 26   | 4460234     | 4   | Base, Mounting                                                 |     |
| 27   | 4460428     | 1   | Connector, Strain Relief                                       |     |
| 28   | 4460470     | 1   | Nut                                                            |     |
| 29   | 4460471     | 1   | Washer                                                         |     |
| 30   | 4460488     | 2   | Base, Mounting                                                 |     |
| 31   | 4460708     | 1   | Connector                                                      |     |
| 32   | 4740397     | 7   | Spacer                                                         |     |
| 33   | 4751400     | 8   | Washer 1/4                                                     |     |
| 34   | 1001110434  | 2   | Plug (SN 0300272206 through 0300229198)                        |     |
| 34   | 1001110434  | 1   | Plug (SN 0300229198 through 0300272206)                        |     |
| 35   | 1001132175  | 1   | Decal - Stop/Generator                                         |     |
| 36   | 1001155044  | 7   | Nut 15/32                                                      |     |
| 37   | 1001155045  | 5   | Switch, Toggle                                                 |     |
| 38   | 1001159256  | 1   | Switch, Toggle                                                 |     |
| 39   | 1001161710  | 1   | Switch, Toggle                                                 |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See |     |

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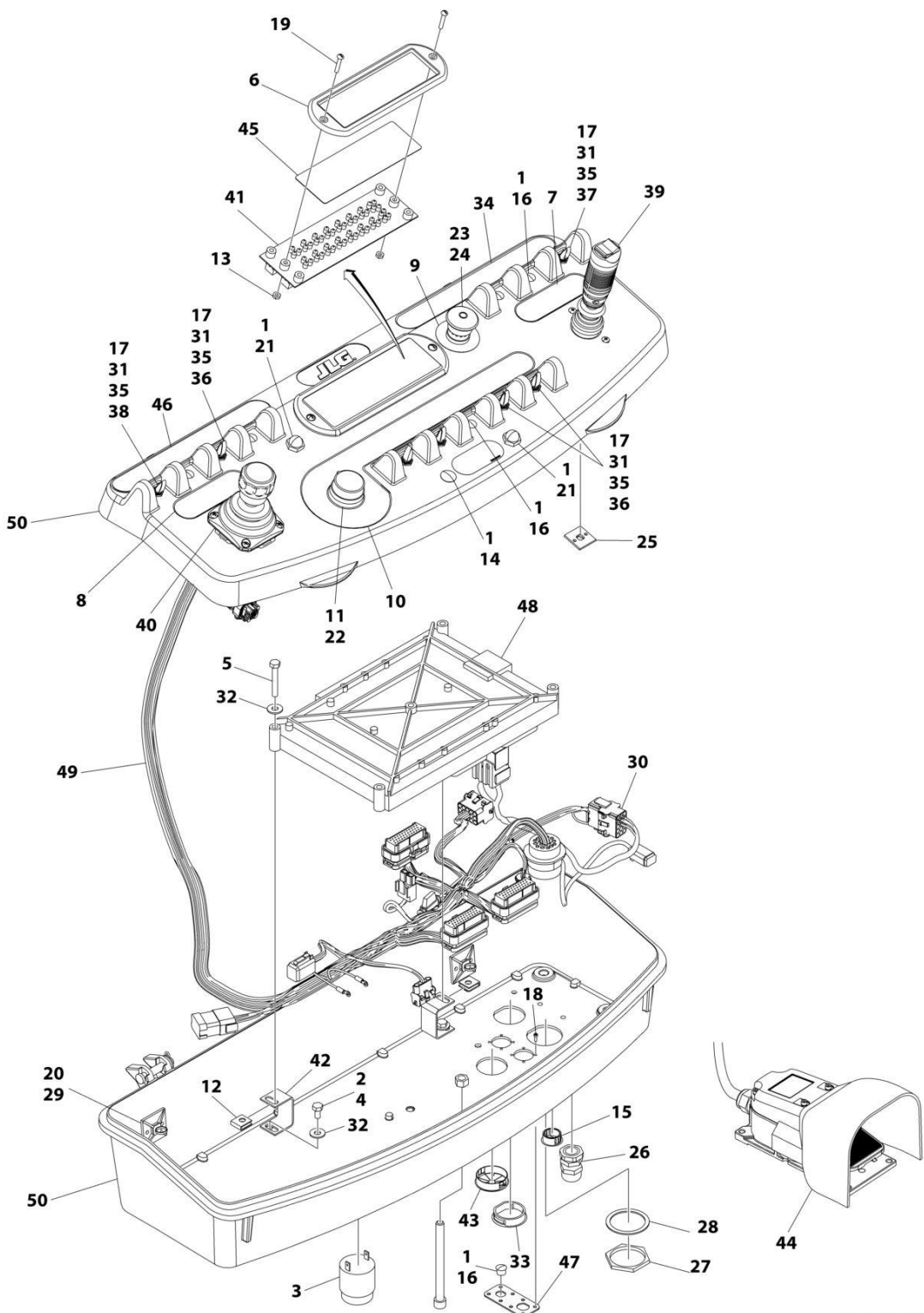
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
| 41   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)                                                                  | B   |
| 42   | 1001172760  | 4   | Gauge, LED Panel                                                                                                     |     |
| 43   | 1001189039  | 1   | Bracket, Module                                                                                                      |     |
| 44   | 1001190797  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)                                                          |     |
| 45   | 1001191318  | 1   | Decal - Display                                                                                                      |     |
| 46   | 1001193987  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)                                                      |     |
| 47   | 1001215835  | 1   | Decal - Horn                                                                                                         |     |
| 48   | 1001166538  | NLA | Module, Platform (Note: Recalibration Required when Replaced.)                                                       |     |
| 49   | 1001201887  | 1   | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 49A  | 0630568     | 1   | Box, Console                                                                                                         |     |
| 49B  | 3311601     | 1   | Capscrew 3/8 x 4-1/2                                                                                                 |     |
| 49C  | 3470003     | 2   | Nut 3/8                                                                                                              |     |
| 49D  | 4711600     | 2   | Hair Pin                                                                                                             |     |
| 49E  | 3430616     | 2   | Washer 3/8                                                                                                           |     |
| 50   | 1001141300  | 1   | Pin                                                                                                                  |     |
| 51   | 1001144433  | 1   | Decal - SkyGuard Override (SN 0300229198 through 0300237352)                                                         |     |
| 52   | 1001185281  | 1   | Decal - No Weight SkyGuard (SN 0300229198 through 0300272206)                                                        |     |
| 53   | 1001192292  | 1   | Plug (SN 0300229198 through 0300272206)                                                                              |     |
|      |             |     | SkyGuard Harness (See ELECTRICAL SECTION for Breakdown) (SN 0300229198 through 0300272206)                           |     |





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FIGURE 4-21. PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS) (SN 0300256384 through 0300272206)



ART\_1001239360

## SECTION 4 - PLATFORM

**FIGURE 4-21. PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS) (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001239360  | 1   | PLATFORM CONSOLE ASSEMBLY - E300AJ (UL SPECS)                                                                        | A   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520054     | 6   | Plug, Hole                                                                                                           |     |
| 17   | 3790012     | 7   | O-Ring                                                                                                               |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                                        |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 20   | 4240032     | AR  | Tie-Strap                                                                                                            |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                                  |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 23   | 7020175     | 1   | Cap                                                                                                                  |     |
| 23   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 27   | 4460470     | 1   | Nut                                                                                                                  |     |
| 28   | 4460471     | 1   | Washer                                                                                                               |     |
| 29   | 4460488     | 2   | Base, Mounting                                                                                                       |     |
| 30   | 4460708     | 1   | Connector                                                                                                            |     |
| 31   | 4740397     | 7   | Spacer                                                                                                               |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 33   | 1001110434  | 1   | Plug                                                                                                                 |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 35   | 1001155044  | 7   | Nut 15/32                                                                                                            |     |
| 36   | 1001155045  | 5   | Switch, Toggle                                                                                                       |     |
| 37   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 38   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 39   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)   |     |
| 41   | 1001170838  | 1   | Gauge, LED Panel                                                                                                     |     |
| 42   | 1001172760  | 4   | Bracket, Module                                                                                                      |     |
| 43   | 1001185281  | 1   | Plug                                                                                                                 |     |
| 44   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for                                                                     |     |

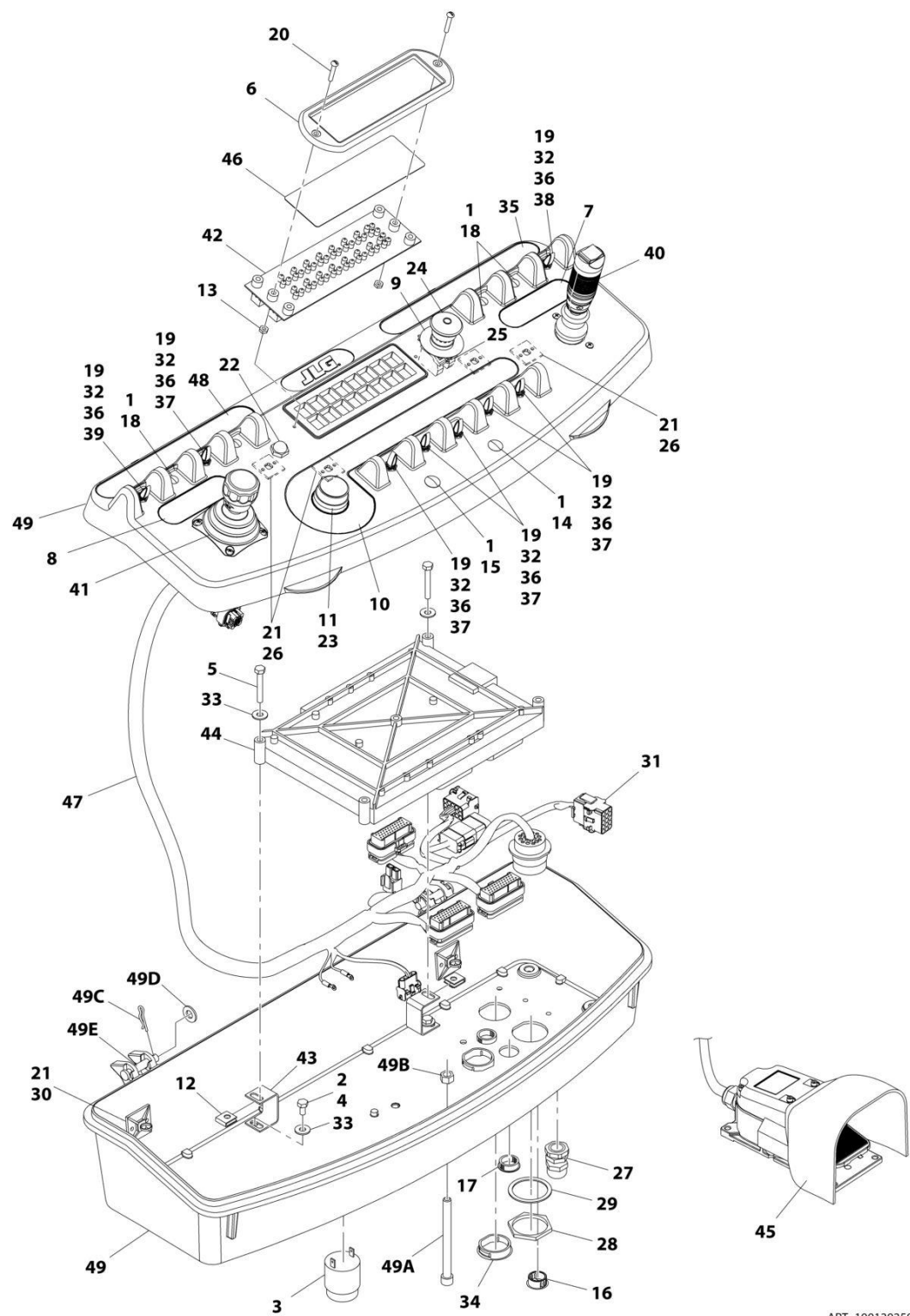
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| ITEM | PART NUMBER | QTY | DESCRIPTION                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------|-----|
|      |             |     | Breakdown)                                                     |     |
| 45   | 1001190797  | 1   | Decal - Display                                                |     |
| 46   | 1001193987  | 1   | Decal - Horn                                                   |     |
| 47   | 1001213882  | 1   | Connector                                                      |     |
| 48   | 1001215835  | 1   | Module, Platform (Note: Recalibration Required when Replaced.) |     |
| 49   | 1001217621  | 1   | Harness, Console                                               |     |
| 50   | 1001218068  | 1   | Assembly, Box Console                                          |     |



SECTION 4 - PLATFORM

FIGURE 4-22. PLATFORM CONSOLE ASSEMBLY - E300AJP WITHOUT SKYGUARD



ART\_1001202597

## SECTION 4 - PLATFORM

**FIGURE 4-22. PLATFORM CONSOLE ASSEMBLY - E300AJP WITHOUT SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001202597  | Ref | PLATFORM CONSOLE ASSEMBLY - E300AJP WITHOUT SKYGUARD                                                                 | C   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100075     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520026     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 17   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                                                                        |     |
| 17   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                                                                        |     |
| 18   | 3520054     | 4   | Plug, Hole                                                                                                           |     |
| 19   | 3790012     | 8   | O-Ring                                                                                                               |     |
| 20   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 21   | 4240032     | AR  | Tie-Strap                                                                                                            |     |
| 22   | 4360387     | 1   | Switch, Push Button                                                                                                  |     |
| 23   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 23   | 70003784    | 1   | Seal, O-Ring                                                                                                         |     |
| 23   | 4460224     | 1   | Plug, Male - 6 Position                                                                                              |     |
| 23   | 4460267     | 6   | Pin, Male                                                                                                            |     |
| 24   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 24   | 7020175     | 1   | Cap                                                                                                                  |     |
| 24   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 26   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 27   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 28   | 4460470     | 1   | Nut                                                                                                                  |     |
| 29   | 4460471     | 1   | Washer                                                                                                               |     |
| 30   | 4460488     | 2   | Base, Mounting                                                                                                       |     |
| 31   | 4460708     | 1   | Connector                                                                                                            |     |
| 32   | 4740397     | 8   | Spacer                                                                                                               |     |
| 33   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 34   | 1001110434  | 2   | Plug                                                                                                                 |     |
| 35   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 36   | 1001155044  | 8   | Nut 15/32                                                                                                            |     |
| 37   | 1001155045  | 6   | Switch, Toggle                                                                                                       |     |
| 38   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 39   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 40   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 41   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See                                                       |     |

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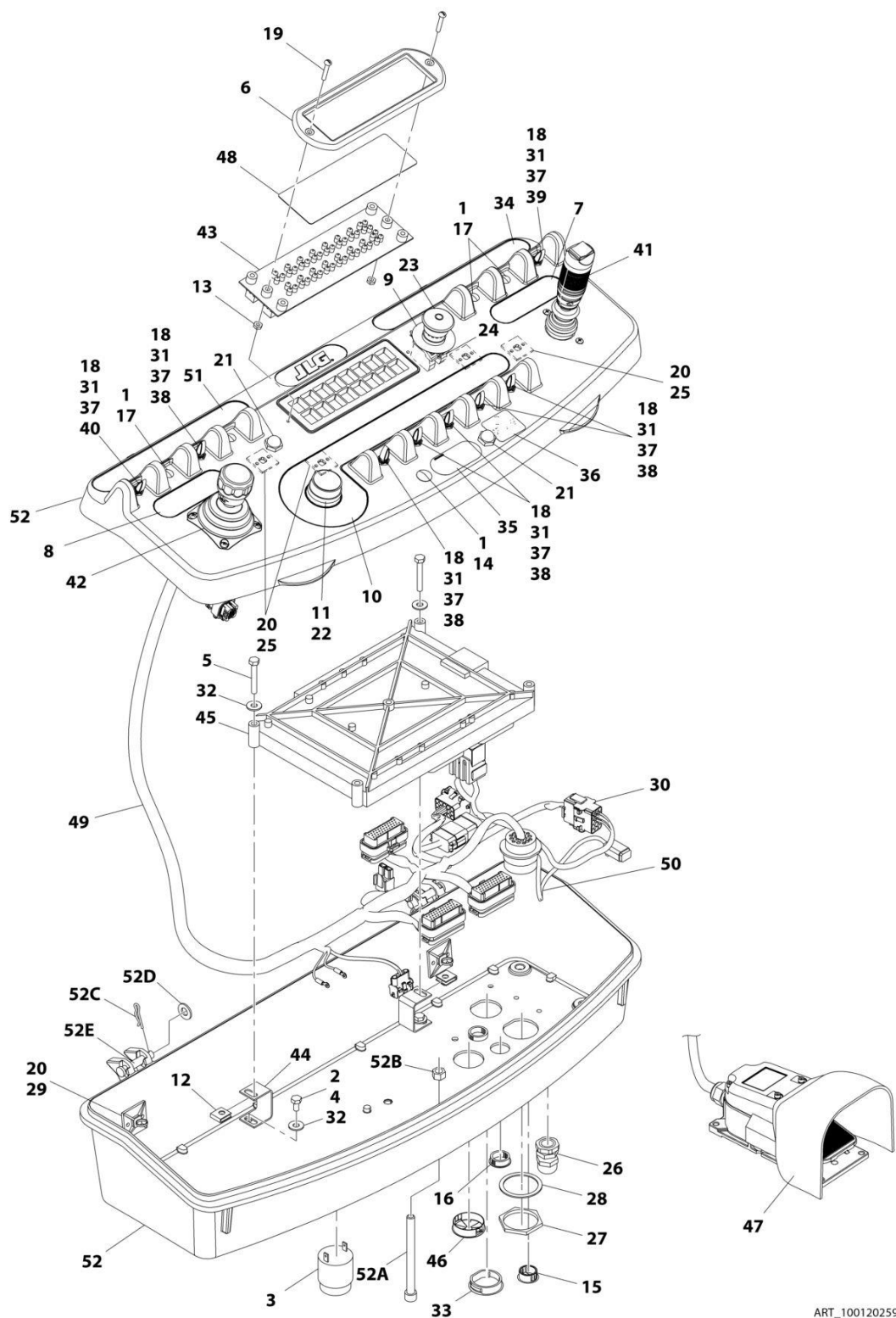
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                     | REV |
|------|-------------|-----|-----------------------------------------------------------------|-----|
| 42   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)             | B   |
| 43   | 1001172760  | 4   | Gauge, LED Panel                                                |     |
| 44   | 1001182724  | 1   | Bracket, Module                                                 |     |
| 45   | 1001189039  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)  |     |
| 46   | 1001190797  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)     |     |
| 47   | 1001191318  | 1   | Decal - Display                                                 |     |
| 48   | 1001193987  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown) |     |
| 49   | 1001201887  | 1   | Decal - Horn                                                    |     |
| 49A  | 0630568     | 1   | Box, Console                                                    |     |
| 49B  | 3311601     | 1   | Capscrew 3/8 x 4-1/2                                            |     |
| 49C  | 3470003     | 2   | Nut 3/8                                                         |     |
| 49D  | 4711500     | 2   | Hair Pin                                                        |     |
| 49D  | 4711600     | 2   | Washer 5/16 (SN 0300211844 through 0300219852)                  |     |
| 49D  | 4711600     | 2   | Washer 3/8 (SN 0300219853 through 0300272206)                   |     |
| 49E  | 3430616     | 2   | Pin                                                             |     |





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FIGURE 4-23. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD  
(SN 0300211844 through 0300256384)



ART\_1001202596

## SECTION 4 - PLATFORM

**FIGURE 4-23. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD  
(SN 0300211844 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                       | REV |
|------|-------------|-----|-------------------------------------------------------------------|-----|
|      | 1001202596  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD | E   |
| 1    | 0100009     | AR  | Sealant                                                           |     |
| 2    | 0100075     | AR  | Compound, Locking                                                 |     |
| 3    | 0140011     | 1   | Alarm                                                             |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                    |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                  |     |
| 6    | 1671176     | 1   | Housing                                                           |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                           |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                            |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                            |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                            |     |
| 11   | 2560136     | 1   | Handle, Knob                                                      |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                    |     |
| 13   | 3300408     | 2   | Nut                                                               |     |
| 14   | 3520027     | 1   | Plug, Hole                                                        |     |
| 15   | 3520030     | 1   | Plug, Hole                                                        |     |
| 16   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                     |     |
| 16   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                     |     |
| 17   | 3520054     | 4   | Plug, Hole                                                        |     |
| 18   | 3790012     | 8   | O-Ring                                                            |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                              |     |
| 20   | 4240032     | AR  | Tie-Strap                                                         |     |
| 21   | 4360387     | 2   | Switch, Push Button                                               |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                             |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                      |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                           |     |
| 22   | 4460267     | 6   | Pin, Male                                                         |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                            |     |
| 23   | 7020175     | 1   | Cap                                                               |     |
| 23   | 7020176     | 1   | Block, Contact                                                    |     |
| 24   | 4360476     | 1   | Block, Contact                                                    |     |
| 25   | 4460234     | 4   | Base, Mounting                                                    |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                          |     |
| 27   | 4460470     | 1   | Nut                                                               |     |
| 28   | 4460471     | 1   | Washer                                                            |     |
| 29   | 4460488     | 2   | Base, Mounting                                                    |     |
| 30   | 4460708     | 1   | Connector                                                         |     |
| 31   | 4740397     | 8   | Spacer                                                            |     |
| 32   | 4751400     | 8   | Washer 1/4                                                        |     |
| 33   | 1001110434  | 1   | Plug                                                              |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                            |     |
| 35   | 1001141300  | 1   | Decal - SkyGuard Override (SN 0300211844 through 0300237352)      |     |
| 36   | 1001144433  | 1   | Decal - No Weight SkyGuard                                        |     |
| 37   | 1001155044  | 8   | Nut 15/32                                                         |     |
| 38   | 1001155045  | 6   | Switch, Toggle                                                    |     |
| 39   | 1001159256  | 1   | Switch, Toggle                                                    |     |
| 40   | 1001161710  | 1   | Switch, Toggle                                                    |     |

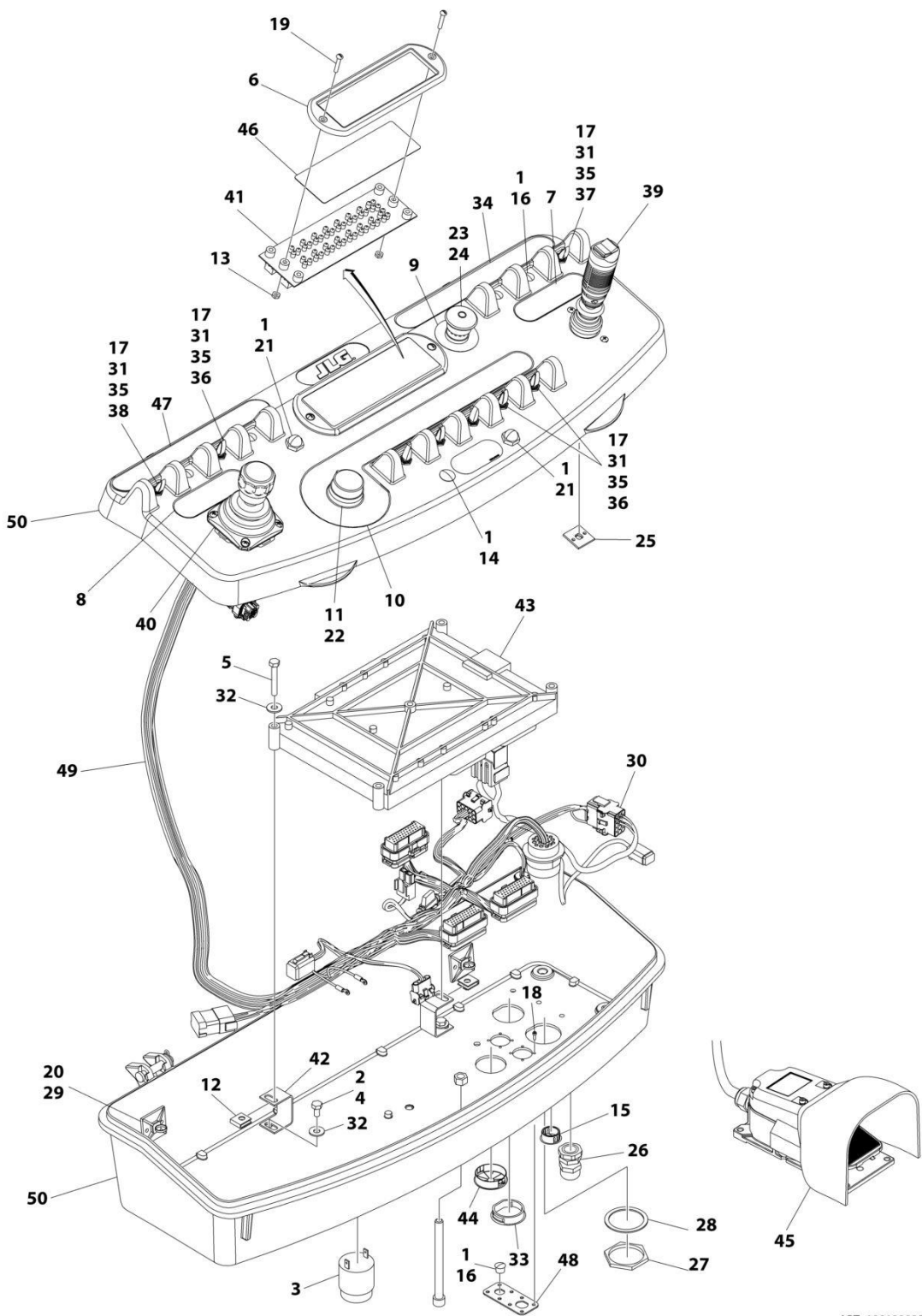
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| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
| 41   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) | B   |
| 42   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)   |     |
| 43   | 1001170838  | 1   | Gauge, LED Panel                                                                                                     |     |
| 44   | 1001172760  | 4   | Bracket, Module                                                                                                      |     |
| 45   | 1001182724  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)                                                       |     |
| 46   | 1001185281  | 1   | Plug                                                                                                                 |     |
| 47   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)                                                          |     |
| 48   | 1001190797  | 1   | Decal - Display                                                                                                      |     |
| 49   | 1001191318  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)                                                      |     |
| 50   | 1001192292  | 1   | SkyGuard Can Harness (See ELECTRICAL SECTION for Breakdown)                                                          |     |
| 51   | 1001193987  | 1   | Decal - Horn                                                                                                         |     |
| 52   | 1001201887  | 1   | Box, Console                                                                                                         |     |
| 52A  | 0630568     | 1   | Capscrew 3/8 x 4-1/2                                                                                                 |     |
| 52B  | 3311601     | 1   | Nut 3/8                                                                                                              |     |
| 52C  | 3470003     | 1   | Hair Pin                                                                                                             |     |
| 52D  | 4711500     | 2   | Washer 5/16 (SN 0300211844 through 0300219852)                                                                       |     |
| 52D  | 4711600     | 2   | Washer 3/8 (SN 0300219853 through 0300272206)                                                                        |     |
| 52E  | 3430616     | 2   | Pin                                                                                                                  |     |



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FIGURE 4-24. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD  
(SN 0300256384 through 0300272206)



ART\_1001239359

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**FIGURE 4-24. PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD  
(SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                           | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------------------|-----|
|      | 1001239359  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 4 CELL LSS - E300AJP WITH SKYGUARD                                     | A   |
| 1    | 0100009     | AR  | Sealant                                                                                               |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                     |     |
| 3    | 0140011     | 1   | Alarm                                                                                                 |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                        |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                      |     |
| 6    | 1671176     | 1   | Housing                                                                                               |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                               |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                          |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                        |     |
| 13   | 3300408     | 2   | Nut                                                                                                   |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                            |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                            |     |
| 16   | 3520054     | 5   | Plug, Hole                                                                                            |     |
| 17   | 3790012     | 8   | O-Ring                                                                                                |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                         |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                  |     |
| 20   | 4240032     | AR  | Tie-Strap                                                                                             |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                   |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                 |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                                                          |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                                                               |     |
| 22   | 4460267     | 6   | Pin, Male                                                                                             |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                |     |
| 23   | 7020175     | 1   | Cap                                                                                                   |     |
| 23   | 7020176     | 1   | Block, Contact                                                                                        |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                        |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                        |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                              |     |
| 27   | 4460470     | 1   | Nut                                                                                                   |     |
| 28   | 4460471     | 1   | Washer                                                                                                |     |
| 29   | 4460488     | 2   | Base, Mounting                                                                                        |     |
| 30   | 4460708     | 1   | Connector                                                                                             |     |
| 31   | 4740397     | 8   | Spacer                                                                                                |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                            |     |
| 33   | 1001110434  | 1   | Plug                                                                                                  |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                |     |
| 35   | 1001155044  | 8   | Nut 15/32                                                                                             |     |
| 36   | 1001155045  | 6   | Switch, Toggle                                                                                        |     |
| 37   | 1001159256  | 1   | Switch, Toggle                                                                                        |     |
| 38   | 1001161710  | 1   | Switch, Toggle                                                                                        |     |
| 39   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415)<br>(See Separate Breakdown n this Section) |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See<br>Separate Breakdown n this Section)  |     |

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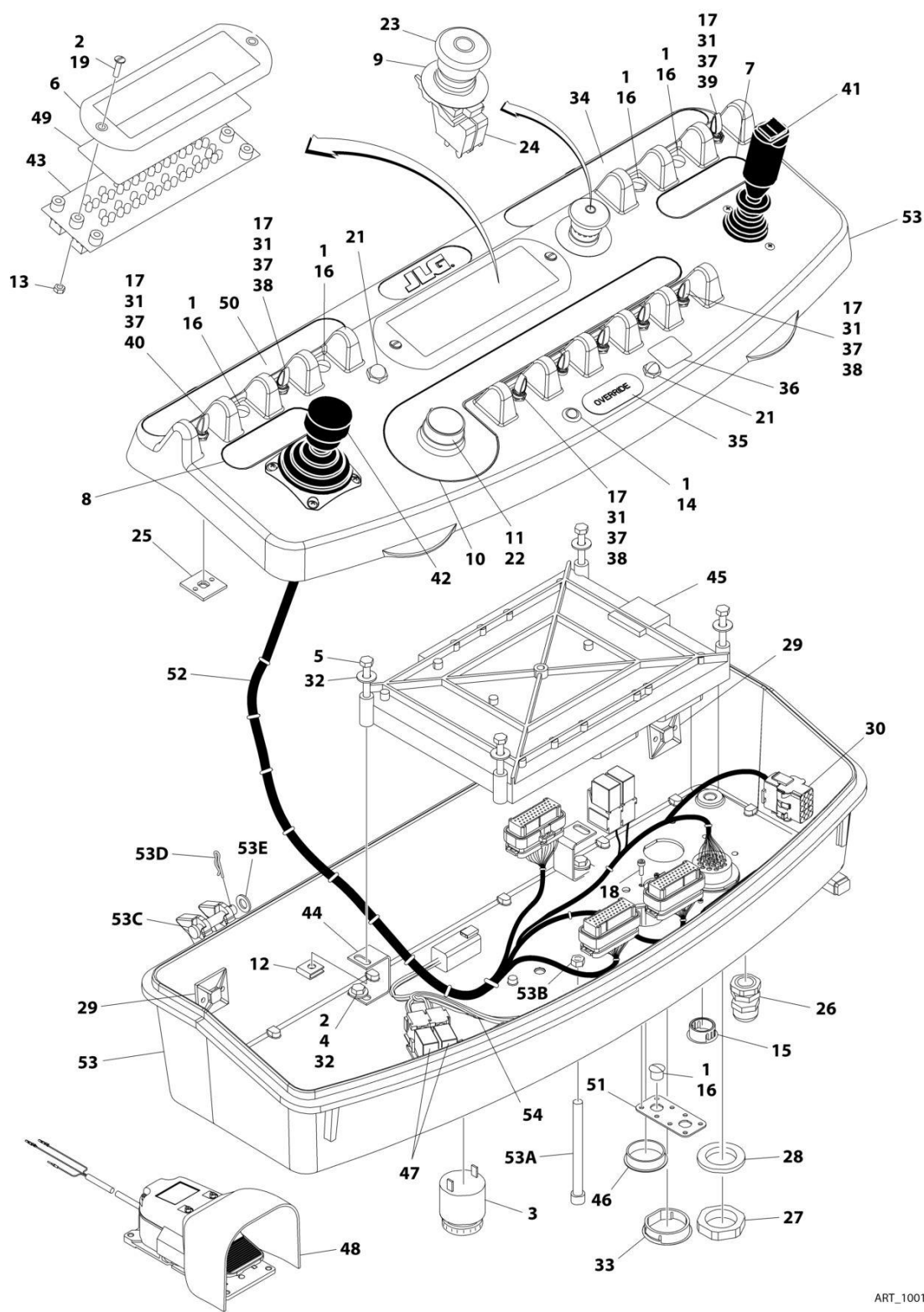
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                        | REV |
|------|-------------|-----|--------------------------------------------------------------------|-----|
| 41   | 1001170838  | 1   | Gauge, LED Panel                                                   |     |
| 42   | 1001172760  | 4   | Bracket, Module                                                    |     |
| 43   | 1001182724  | 1   | Module, Platform (Note: Recalibration Required when Replaced.)     |     |
| 44   | 1001185281  | 1   | Plug                                                               |     |
| 45   | 1001189039  | 1   | Footswitch Assembly (See Separate Breakdown n this Section)        |     |
| 46   | 1001190797  | 1   | Decal - Display                                                    |     |
| 47   | 1001193987  | 1   | Decal - Horn                                                       |     |
| 48   | 1001213882  | 1   | Connector                                                          |     |
| 49   | 1001217621  | 1   | Platform Box Harness (See Separate Breakdown n ELECTRICAL SECTION) |     |
| 50   | 1001218068  | 1   | Assembly, Console Box                                              |     |





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FIGURE 4-25. PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJP WITH SKYGUARD



ART\_1001218245

## SECTION 4 - PLATFORM

**FIGURE 4-25. PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJP WITH SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001218245  | Ref | PLATFORM CONSOLE ASSEMBLY WITH 1 CELL LSS - E300AJP WITH SKYGUARD                                                    | C   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520054     | 5   | Plug, Hole                                                                                                           |     |
| 17   | 3790012     | 8   | O-Ring                                                                                                               |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                                        |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 20   | 4240032     | AR  | Tie-Strap (Not Shown)                                                                                                |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                                  |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                                                                         |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                                                                              |     |
| 22   | 4460267     | 6   | Pin, Male                                                                                                            |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 23   | 7020175     | 1   | Cap                                                                                                                  |     |
| 23   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 27   | 4460470     | 1   | Nut                                                                                                                  |     |
| 28   | 4460471     | 1   | Washer                                                                                                               |     |
| 29   | 4460488     | 3   | Base, Mounting                                                                                                       |     |
| 30   | 4460708     | 1   | Connector                                                                                                            |     |
| 31   | 4740397     | 3   | Spacer                                                                                                               |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 33   | 1001110434  | 1   | Plug                                                                                                                 |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 35   | 1001141300  | 1   | Decal - SkyGuard Override                                                                                            |     |
| 36   | 1001144433  | 1   | Decal - No Weight SkyGuard                                                                                           |     |
| 37   | 1001155044  | 8   | Nut 15/32                                                                                                            |     |
| 38   | 1001155045  | 6   | Switch, Toggle                                                                                                       |     |
| 39   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 40   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 41   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 42   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See                                                       |     |

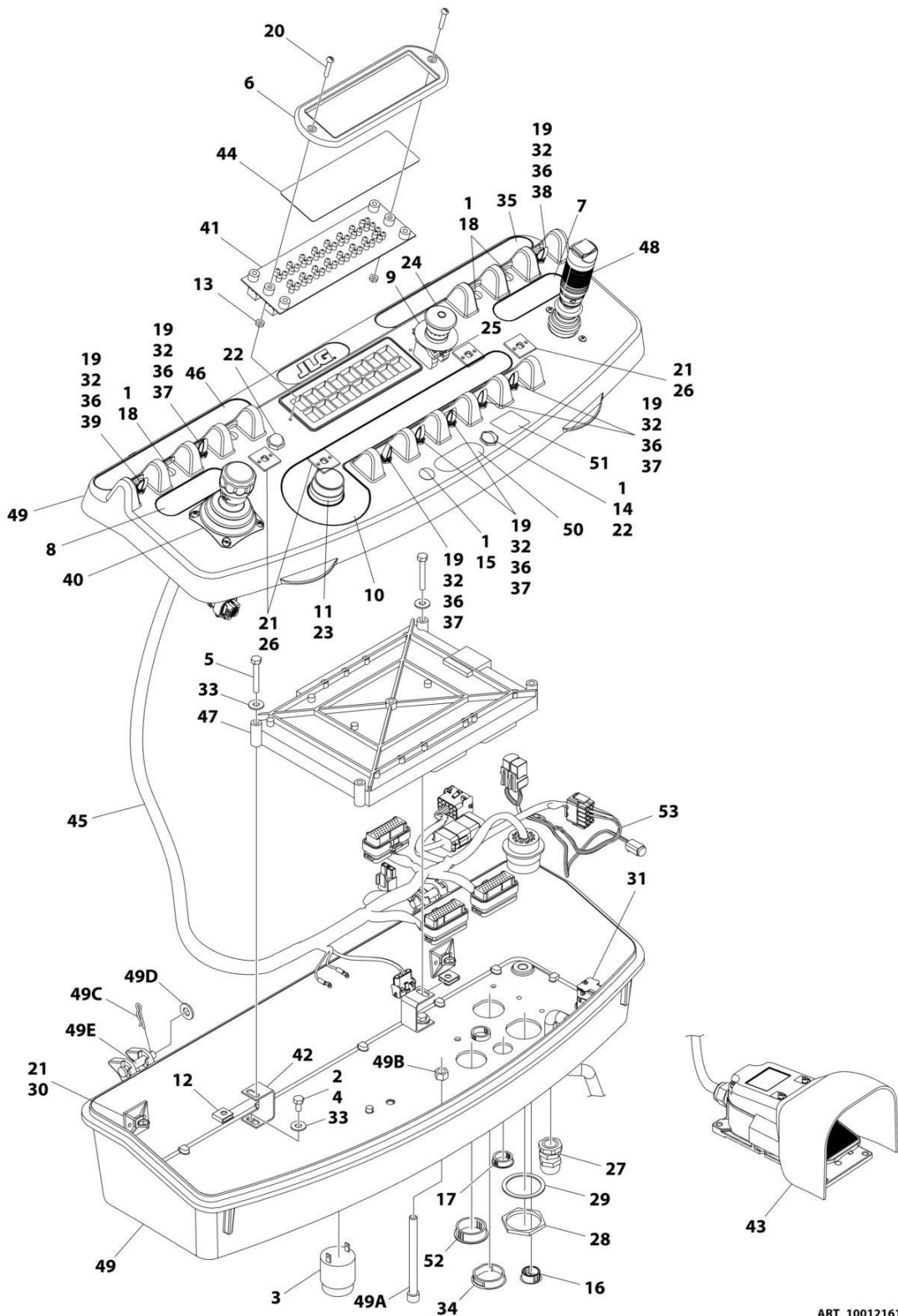
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| ITEM | PART NUMBER | QTY | DESCRIPTION                                                             | REV |
|------|-------------|-----|-------------------------------------------------------------------------|-----|
| 43   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)<br>Gauge, LED Panel | C   |
| 44   | 1001172760  | 4   | Bracket, Module                                                         |     |
| 45   | 1001182724  | 1   | Module, Platform (Note: Recalibration Required when Replaced)           |     |
| 46   | 1001185281  | 1   | Plug                                                                    |     |
| 47   | 1001186431  | 2   | Relay                                                                   |     |
| 48   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)             |     |
| 49   | 1001190797  | 1   | Decal - Display                                                         |     |
| 50   | 1001193987  | 1   | Decal - Horn                                                            |     |
| 51   | 1001213882  | 1   | Mount                                                                   |     |
| 52   | 1001217621  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)         |     |
| 53   | 1001218068  | 1   | Box, Console                                                            |     |
| 53A  | 0630568     | 1   | Capscrew 3/8 x 4-1/2                                                    |     |
| 53B  | 3311601     | 1   | Nut 3/8                                                                 |     |
| 53C  | 3430616     | 2   | Pin                                                                     |     |
| 53D  | 3470003     | 2   | Hair Pin                                                                |     |
| 53E  | 4711600     | 2   | Washer 3/8                                                              |     |
| 54   | 1001225580  | 1   | Generator to Platform Harness (See ELECTRICAL SECTION for Breakdown)    |     |



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FIGURE 4-26. PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS) (SN 0300226252 through 0300256384)



ART\_1001216152

## SECTION 4 - PLATFORM

**FIGURE 4-26. PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS) (SN 0300226252 through 0300256384)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------|-----|
|      | 1001216152  | Ref | PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS)                 | E   |
| 1    | 0100009     | AR  | Sealant                                                        |     |
| 2    | 0100075     | AR  | Compound, Locking                                              |     |
| 3    | 0140011     | 1   | Alarm                                                          |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                 |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                               |     |
| 6    | 1671176     | 1   | Housing                                                        |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                        |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                         |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                         |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                         |     |
| 11   | 2560136     | 1   | Handle, Knob                                                   |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                 |     |
| 13   | 3300408     | 2   | Nut                                                            |     |
| 14   | 3520026     | 1   | Plug, Hole (SN 0300211844 through 0300229198)                  |     |
| 15   | 3520027     | 1   | Plug, Hole                                                     |     |
| 16   | 3520030     | 1   | Plug, Hole                                                     |     |
| 17   | 3520033     | 2   | Plug, Hole (SN 0300211844 through 0300226255)                  |     |
| 17   | 1001220486  | 2   | Plug, Hole (SN 0300226256 through 0300272206)                  |     |
| 18   | 3520054     | 4   | Plug, Hole                                                     |     |
| 19   | 3790012     | 8   | O-Ring                                                         |     |
| 20   | 3911018     | 2   | Capscrew #10 x 1-1/8                                           |     |
| 21   | 4240032     | AR  | Tie-Strap                                                      |     |
| 22   | 4360387     | 1   | Switch, Push Button (SN 0300211844 through 0300229198)         |     |
| 22   | 4360387     | 2   | Switch, Push Button (SN 0300229198 through 0300272206)         |     |
| 23   | 4360407     | 1   | Switch, Potentiometer                                          |     |
| 23   | 70003784    | 1   | Seal, O-Ring                                                   |     |
| 23   | 4460224     | 1   | Plug, Male - 6 Position                                        |     |
| 23   | 4460267     | 6   | Pin, Male                                                      |     |
| 24   | 4360475     | 1   | Switch, Emergency Stop                                         |     |
| 24   | 7020175     | 1   | Cap                                                            |     |
| 24   | 7020176     | 1   | Block, Contact                                                 |     |
| 25   | 4360476     | 1   | Block, Contact                                                 |     |
| 26   | 4460234     | 4   | Base, Mounting                                                 |     |
| 27   | 4460428     | 1   | Connector, Strain Relief                                       |     |
| 28   | 4460470     | 1   | Nut                                                            |     |
| 29   | 4460471     | 1   | Washer                                                         |     |
| 30   | 4460488     | 2   | Base, Mounting                                                 |     |
| 31   | 4460708     | 1   | Connector                                                      |     |
| 32   | 4740397     | 8   | Spacer                                                         |     |
| 33   | 4751400     | 8   | Washer 1/4                                                     |     |
| 34   | 1001110434  | 2   | Plug (SN 0300211844 through 0300229198)                        |     |
| 34   | 1001110434  | 1   | Plug (SN 0300229198 through 0300272206)                        |     |
| 35   | 1001132175  | 1   | Decal - Stop/Generator                                         |     |
| 36   | 1001155044  | 8   | Nut 15/32                                                      |     |
| 37   | 1001155045  | 6   | Switch, Toggle                                                 |     |
| 38   | 1001159256  | 1   | Switch, Toggle                                                 |     |
| 39   | 1001161710  | 1   | Switch, Toggle                                                 |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See |     |

## SECTION 4 - PLATFORM

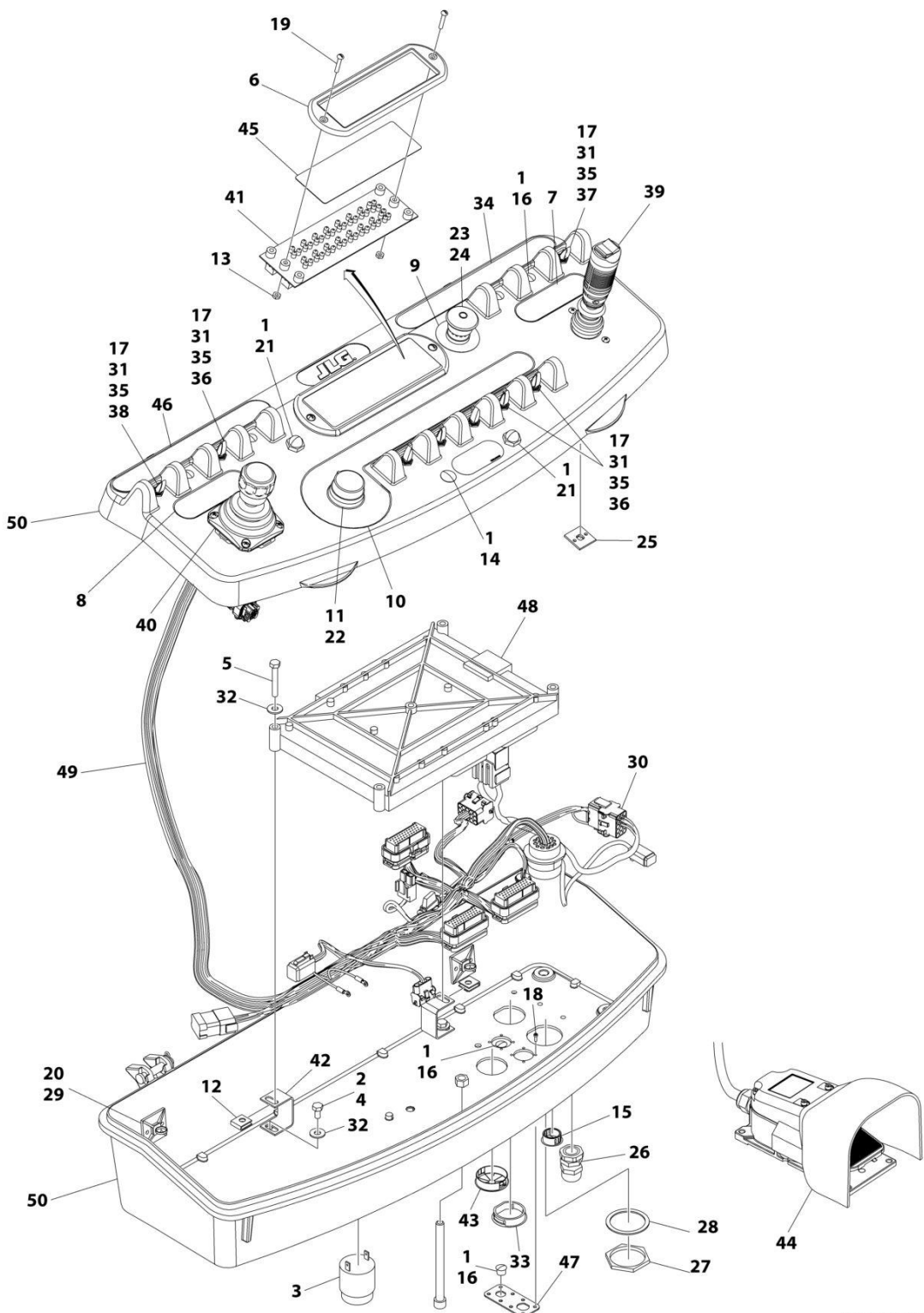
| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
| 41   | 1001170838  | 1   | CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)                                                                  | B   |
| 42   | 1001172760  | 4   | Gauge, LED Panel                                                                                                     |     |
| 43   | 1001189039  | 1   | Bracket, Module                                                                                                      |     |
| 44   | 1001190797  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)                                                          |     |
| 45   | 1001191318  | 1   | Decal - Display                                                                                                      |     |
| 46   | 1001193987  | 1   | Platform Console Harness (See ELECTRICAL SECTION for Breakdown)                                                      |     |
| 47   | 1001215835  | 1   | Decal - Horn                                                                                                         |     |
| 48   | 1001166538  | NLA | Module, Platform (Note: Recalibration Required when Replaced.)                                                       |     |
| 49   | 1001201887  | 1   | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 49A  | 0630568     | 1   | Box, Console                                                                                                         |     |
| 49B  | 3311601     | 1   | Capscrew 3/8 x 4-1/2                                                                                                 |     |
| 49C  | 3470003     | 2   | Nut 3/8                                                                                                              |     |
| 49D  | 4711600     | 2   | Hair Pin                                                                                                             |     |
| 49E  | 3430616     | 2   | Washer 3/8                                                                                                           |     |
| 50   | 1001141300  | 1   | Pin                                                                                                                  |     |
| 51   | 1001144433  | 1   | Decal - SkyGuard Override (SN 0300229198 through 0300237352)                                                         |     |
| 52   | 1001185281  | 1   | Decal - No Weight SkyGuard (SN 0300229198 through 0300272206)                                                        |     |
| 53   | 1001192292  | 1   | Plug (SN 0300229198 through 0300272206)                                                                              |     |
|      |             |     | SkyGuard Harness (See ELECTRICAL SECTION for Breakdown) (SN 0300229198 through 0300272206)                           |     |





SECTION 4 - PLATFORM

FIGURE 4-27. PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS) (SN 0300256384 through 0300272206)



ART\_1001239361

## SECTION 4 - PLATFORM

**FIGURE 4-27. PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS) (SN 0300256384 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001239361  | Ref | PLATFORM CONSOLE ASSEMBLY - E300AJP (UL SPECS)                                                                       | A   |
| 1    | 0100009     | AR  | Sealant                                                                                                              |     |
| 2    | 0100035     | AR  | Compound, Locking                                                                                                    |     |
| 3    | 0140011     | 1   | Alarm                                                                                                                |     |
| 4    | 0641404     | 4   | Bolt 1/4 x 1/2                                                                                                       |     |
| 5    | 0641414     | 4   | Bolt 1/4 x 1-3/4                                                                                                     |     |
| 6    | 1671176     | 1   | Housing                                                                                                              |     |
| 7    | 1702565     | 1   | Decal - Drive and Steer                                                                                              |     |
| 8    | 1702566     | 1   | Decal - Lift and Swing                                                                                               |     |
| 9    | 1704260     | 1   | Decal - Emergency Stop                                                                                               |     |
| 10   | 1704422     | 1   | Decal - Function Speed                                                                                               |     |
| 11   | 2560136     | 1   | Handle, Knob                                                                                                         |     |
| 12   | 3300353     | 4   | Nut, Tinnerman                                                                                                       |     |
| 13   | 3300408     | 2   | Nut                                                                                                                  |     |
| 14   | 3520027     | 1   | Plug, Hole                                                                                                           |     |
| 15   | 3520030     | 1   | Plug, Hole                                                                                                           |     |
| 16   | 3520054     | 5   | Plug, Hole                                                                                                           |     |
| 17   | 3790012     | 8   | O-Ring                                                                                                               |     |
| 18   | 3900349     | 8   | Capscrew M2.5                                                                                                        |     |
| 19   | 3911018     | 2   | Capscrew #10 x 1-1/8                                                                                                 |     |
| 20   | 4240032     | AR  | Tie-Strap                                                                                                            |     |
| 21   | 4360387     | 2   | Switch, Push Button                                                                                                  |     |
| 22   | 4360407     | 1   | Switch, Potentiometer                                                                                                |     |
| 22   | 70003784    | 1   | Seal, O-Ring                                                                                                         |     |
| 22   | 4460224     | 1   | Plug, Male - 6 Position                                                                                              |     |
| 22   | 4460267     | 6   | Pin, Male                                                                                                            |     |
| 23   | 4360475     | 1   | Switch, Emergency Stop                                                                                               |     |
| 23   | 7020175     | 1   | Cap                                                                                                                  |     |
| 23   | 7020176     | 1   | Block, Contact                                                                                                       |     |
| 24   | 4360476     | 1   | Block, Contact                                                                                                       |     |
| 25   | 4460234     | 4   | Base, Mounting                                                                                                       |     |
| 26   | 4460428     | 1   | Connector, Strain Relief                                                                                             |     |
| 27   | 4460470     | 1   | Nut                                                                                                                  |     |
| 28   | 4460471     | 1   | Washer                                                                                                               |     |
| 29   | 4460488     | 2   | Base, Mounting                                                                                                       |     |
| 30   | 4460708     | 1   | Connector                                                                                                            |     |
| 31   | 4740397     | 8   | Spacer                                                                                                               |     |
| 32   | 4751400     | 8   | Washer 1/4                                                                                                           |     |
| 33   | 1001110434  | 1   | Plug                                                                                                                 |     |
| 34   | 1001132175  | 1   | Decal - Stop/Generator                                                                                               |     |
| 35   | 1001155044  | 8   | Nut 15/32                                                                                                            |     |
| 36   | 1001155045  | 6   | Switch, Toggle                                                                                                       |     |
| 37   | 1001159256  | 1   | Switch, Toggle                                                                                                       |     |
| 38   | 1001161710  | 1   | Switch, Toggle                                                                                                       |     |
| 39   | 1001166538  | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See CONTROLLER ASSEMBLY - DRIVE AND STEER for Breakdown) |     |
| 40   | 1001166539  | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555) (See CONTROLLER ASSEMBLY - LIFT AND SWING for Breakdown)   |     |
| 41   | 1001170838  | 1   | Gauge, LED Panel                                                                                                     |     |

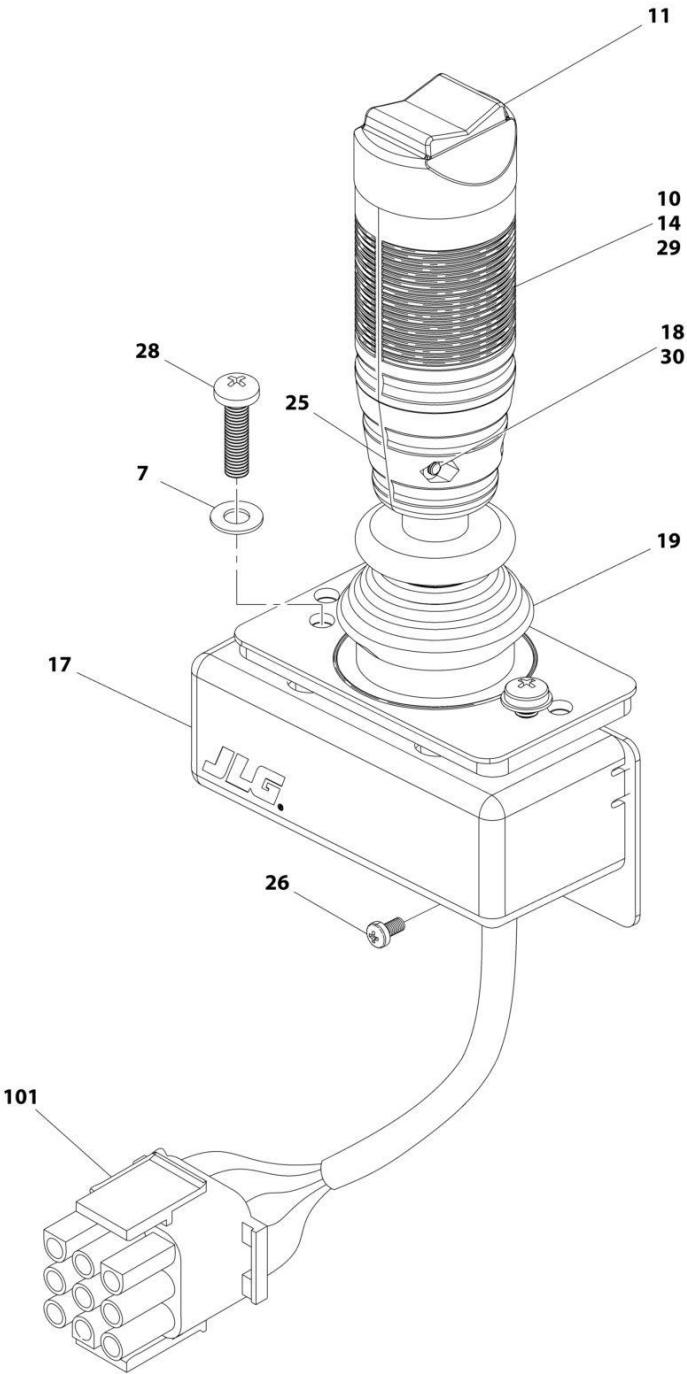
## SECTION 4 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                    | REV |
|------|-------------|-----|----------------------------------------------------------------|-----|
| 42   | 1001172760  | 4   | Bracket, Module                                                |     |
| 43   | 1001185281  | 1   | Plug                                                           |     |
| 44   | 1001189039  | 1   | Footswitch Assembly (See FOOTSWITCH ASSEMBLY for Breakdown)    |     |
| 45   | 1001190797  | 1   | Decal - Display                                                |     |
| 46   | 1001193987  | 1   | Decal - Horn                                                   |     |
| 47   | 1001213882  | 1   | Connector                                                      |     |
| 48   | 1001215835  | 1   | Module, Platform (Note: Recalibration Required when Replaced.) |     |
| 49   | 1001217621  | 1   | Harness, Console                                               |     |
| 50   | 1001218068  | 1   | Assembly, Console Box                                          |     |



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FIGURE 4-28. CONTROLLER ASSEMBLY - DRIVE AND STEER



ART\_1001166538

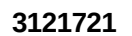
## SECTION 4 - PLATFORM

**FIGURE 4-28. CONTROLLER ASSEMBLY - DRIVE AND STEER**

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

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**E300AJ\_E300AJP**



ART\_1001166539



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**FIGURE 4-29. CONTROLLER ASSEMBLY - LIFT AND SWING**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                           | REV |
|------|-------------|-----|-----------------------------------------------------------------------|-----|
|      | 1001166539  | Ref | CONTROLLER ASSEMBLY - LIFT AND SWING                                  | D   |
|      |             | Ref | Note: Use p/n 1001129555 as Replacement.                              |     |
| 1    | See Note    | NSS | Main Cast Body (Note: Not Available - Purchase Complete Assembly)     |     |
| 2    | 70004752    | 1   | Adapter                                                               |     |
| 3    | See Note    | NSS | Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly) |     |
| 4    | See Note    | NSS | Holder, Magnet (Note: Not Available - Purchase Complete Assembly)     |     |
| 5    | See Note    | NSS | Arc, Magnet (Note: Not Available - Purchase Complete Assembly)        |     |
| 6    | See Note    | NSS | Screw (Note: Not Available for Purchase)                              |     |
| 7    | See Note    | NSS | Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly)    |     |
| 8    | See Note    | NSS | Shaft, Main (Note: Not Available - Purchase Complete Assembly)        |     |
| 9    | See Note    | NSS | Bearing (Note: Not Available - Purchase Complete Assembly)            |     |
| 10   | See Note    | NSS | Pin (Note: Not Available - Purchase Complete Assembly)                |     |
| 11   | See Note    | NSS | Shim (Note: Not Available - Purchase Complete Assembly)               |     |
| 12   | See Note    | NSS | Pin (Note: Not Available - Purchase Complete Assembly)                |     |
| 13   | See Note    | NSS | Bearing (Note: Not Available - Purchase Complete Assembly)            |     |
| 14   | See Note    | NSS | Dome, Centering (Note: Not Available - Purchase Complete Assembly)    |     |
| 15   | 70004753    | 1   | Cap                                                                   |     |
| 16   | 70004754    | 1   | Insert, Cap                                                           |     |
| 17   | 70004755    | 3   | Pin                                                                   |     |
| 18   | 70004756    | 2   | Washer                                                                |     |
| 19   | 70004757    | 1   | Pin, Centering                                                        |     |
| 20   | 70004758    | 1   | Spring                                                                |     |
| 21   | 70004759    | 1   | Ring, Retaining                                                       |     |
| 22   | 70004760    | 1   | E-Ring                                                                |     |
| 23   | 70004761    | 1   | Can, Enclosure                                                        |     |
| 24   | 70004762    | 1   | Boot                                                                  |     |
| 25   | 70004763    | 1   | Bezel                                                                 |     |
| 26   | See Note    | NSS | Screw (Note: Not Available for Purchase)                              |     |
| 27   | See Note    | NSS | Base Mounting (Note: Not Available - Purchase Complete Assembly)      |     |
| 28   | See Note    | NSS | Screw (Note: Not Available for Purchase)                              |     |
| 29   | 70004764    | 4   | Screw                                                                 |     |
| 30   | 70004765    | 4   | Screw                                                                 |     |
| 31   | 70004766    | 1   | O-Ring                                                                |     |
| 32   | See Note    | NSS | Plate (Note: Not Available - Purchase Complete Assembly)              |     |
| 33   | See Note    | NSS | Harness (Note: Not Available - Purchase Complete Assembly)            |     |
| 34   | 70004767    | 1   | Grommet, Rubber                                                       |     |
| 35   | 70004768    | 1   | Housing                                                               |     |
| 36   | 70004769    | 1   | Spring                                                                |     |
| 37   | 70004770    | 1   | Stopper                                                               |     |
| 38   | 70004771    | 1   | Spacer                                                                |     |
| 39   | 70004772    | 1   | Washer                                                                |     |
| 40   | 70004773    | 1   | Disc                                                                  |     |
| 41   | 70004774    | 2   | Ring, Retaining                                                       |     |
| 42   | 70004775    | 1   | Spring                                                                |     |

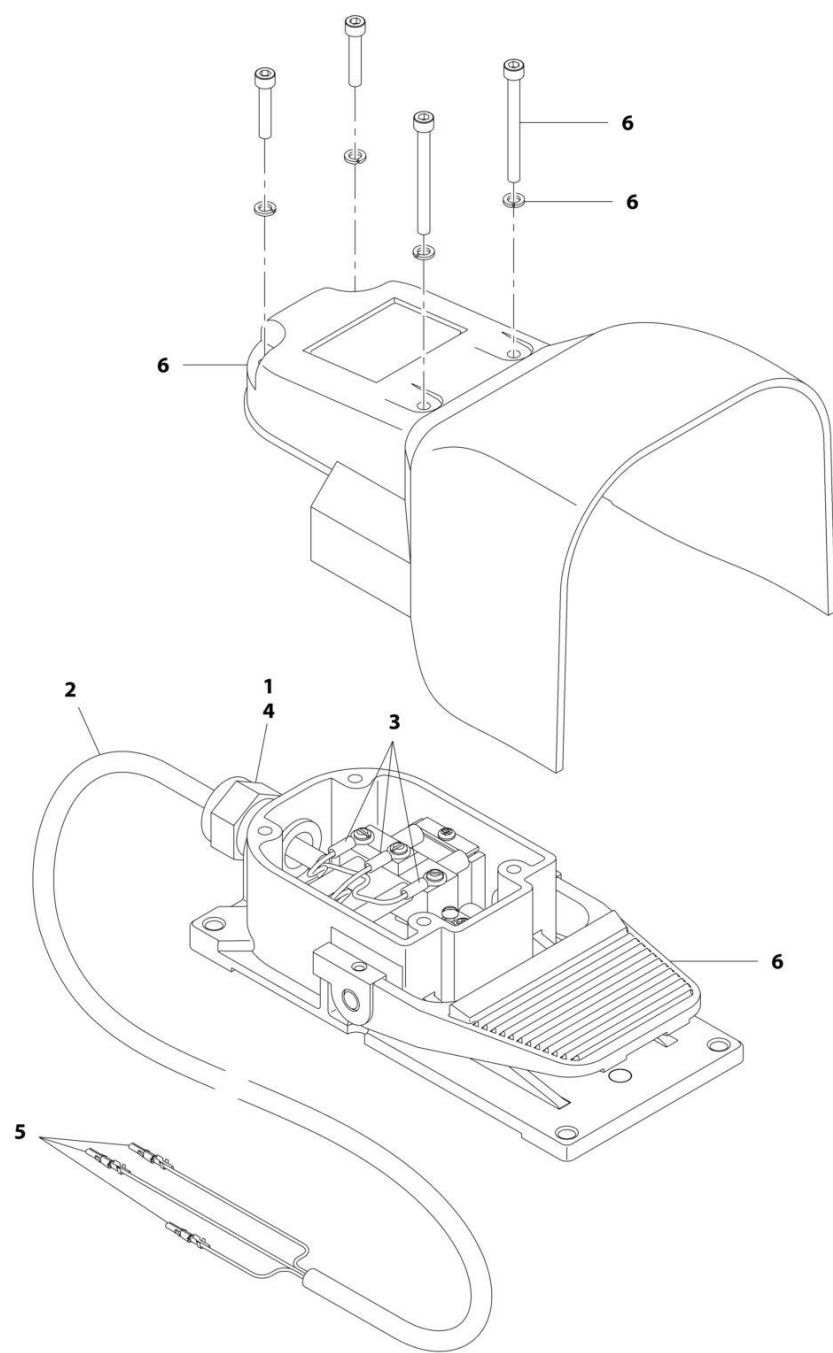
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| ITEM | PART NUMBER | QTY | DESCRIPTION            | REV |
|------|-------------|-----|------------------------|-----|
| 101  | 4460265     | 1   | Connector - 9 Position |     |
| 101  | 4460226     | 6   | Socket, Female         |     |



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FIGURE 4-30. FOOTSWITCH ASSEMBLY



ART\_1001189039

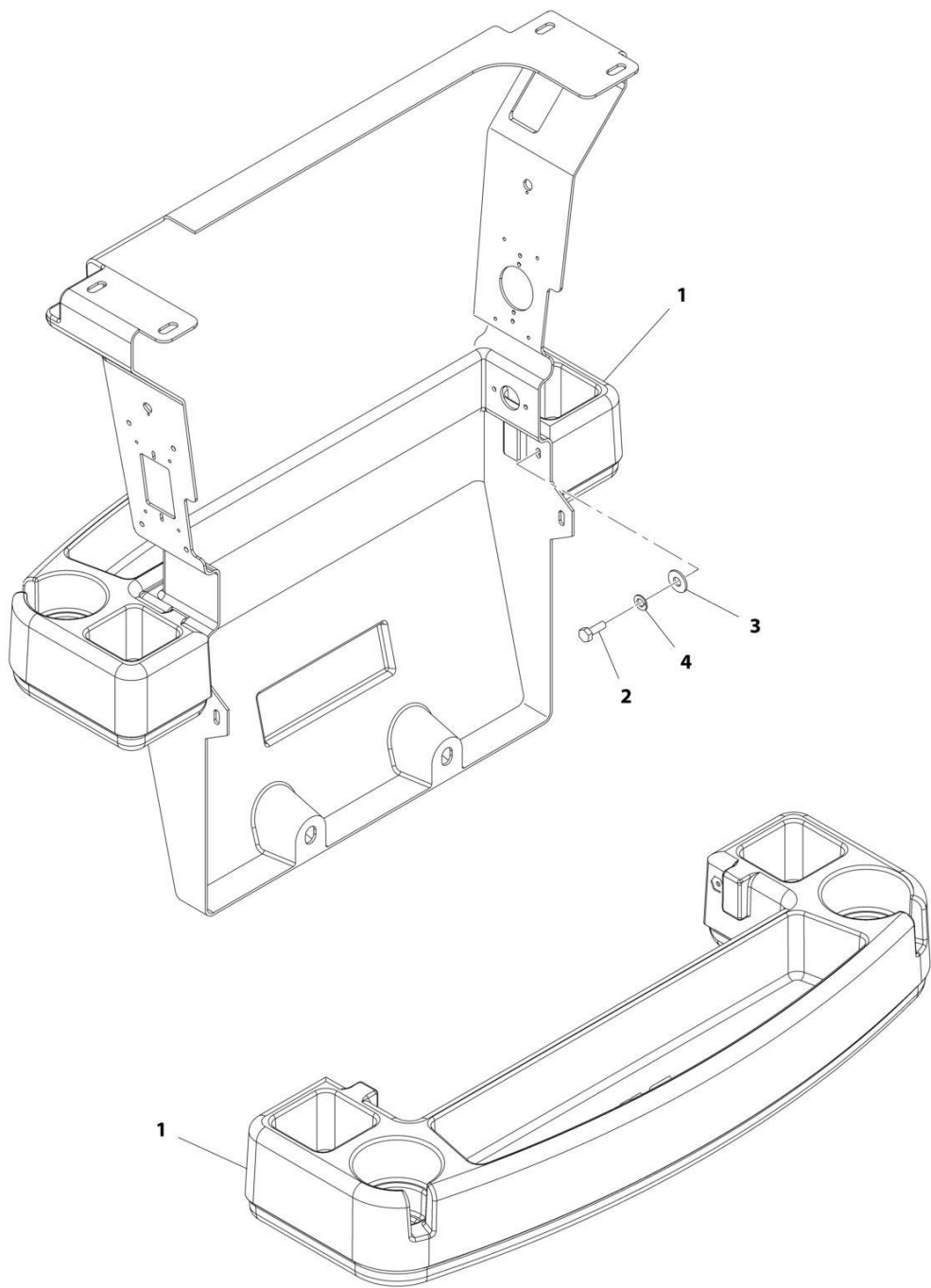
## SECTION 4 - PLATFORM

**FIGURE 4-30. FOOTSWITCH ASSEMBLY**

| ITEM | PART NUMBER | QTY            | DESCRIPTION              | REV |
|------|-------------|----------------|--------------------------|-----|
|      | 1001189039  | Ref            | FOOTSWITCH ASSEMBLY      | A   |
| 1    | 0100020     | AR             | Sealant                  |     |
| 2    | 1060330     | 6 ft<br>/1.83m | Cable, Electrical - 16/3 |     |
| 3    | 4460042     | 3              | Terminal                 |     |
| 4    | 4460071     | 1              | Connector, Strain Relief |     |
| 5    | 4460226     | 3              | Socket, Female           |     |
| 6    | 1001117172  | 1              | Footswitch               |     |
| 6    | 70002902    | 1              | Switch, 20Amp            |     |
| 6    | 70002903    | 1              | Gasket                   |     |
| 6    | 70002905    | 1              | Cover                    |     |
| 6    | 70002904    | 1              | Kit, Replacement Bolt    |     |

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FIGURE 4-31. TRAY ASSEMBLY



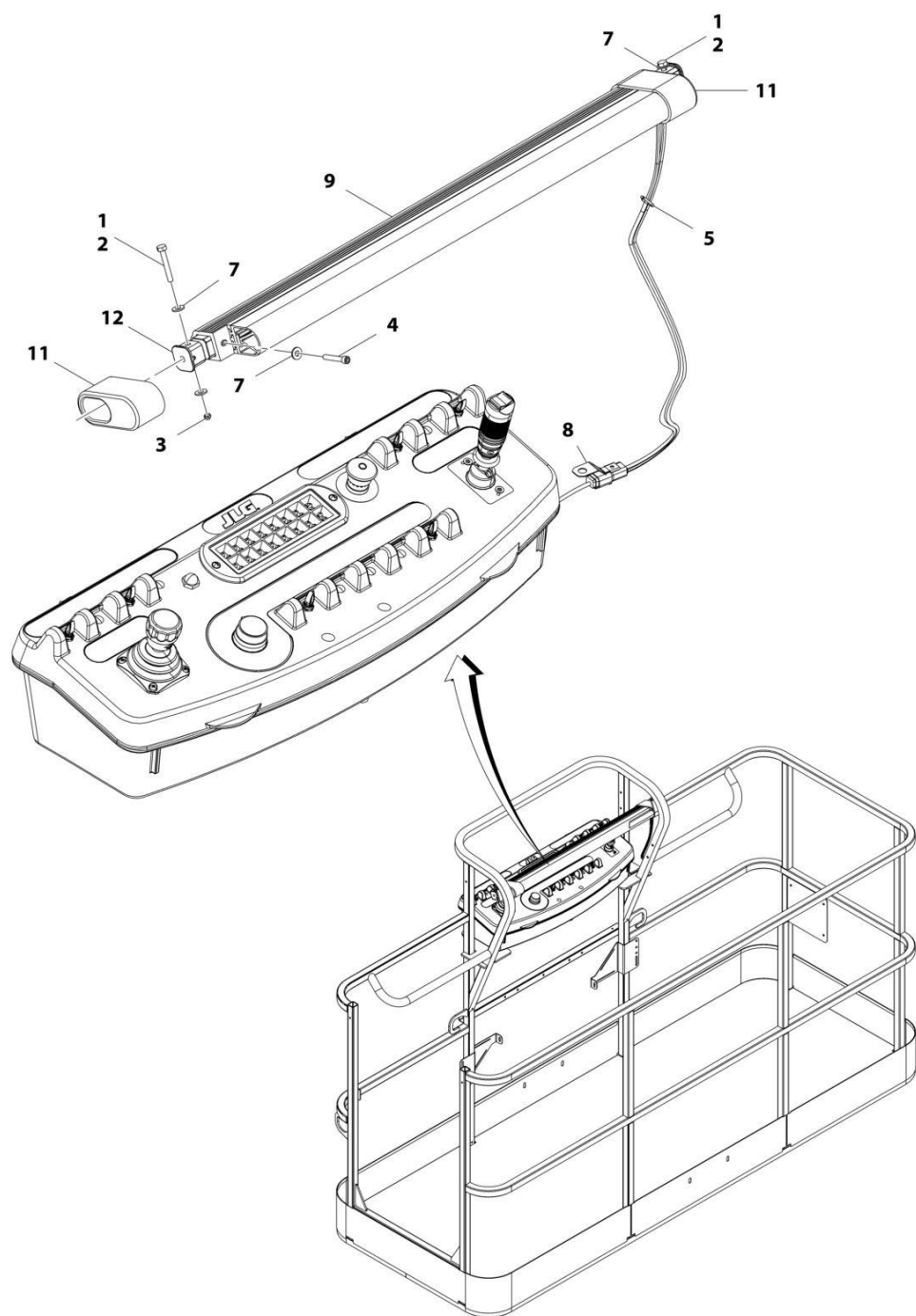
ART\_1580012

FIGURE 4-31. TRAY ASSEMBLY

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

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FIGURE 4-32. SKYGUARD INSTALLATION (SN 0300211844 through 0300256383)



ART\_1001192387



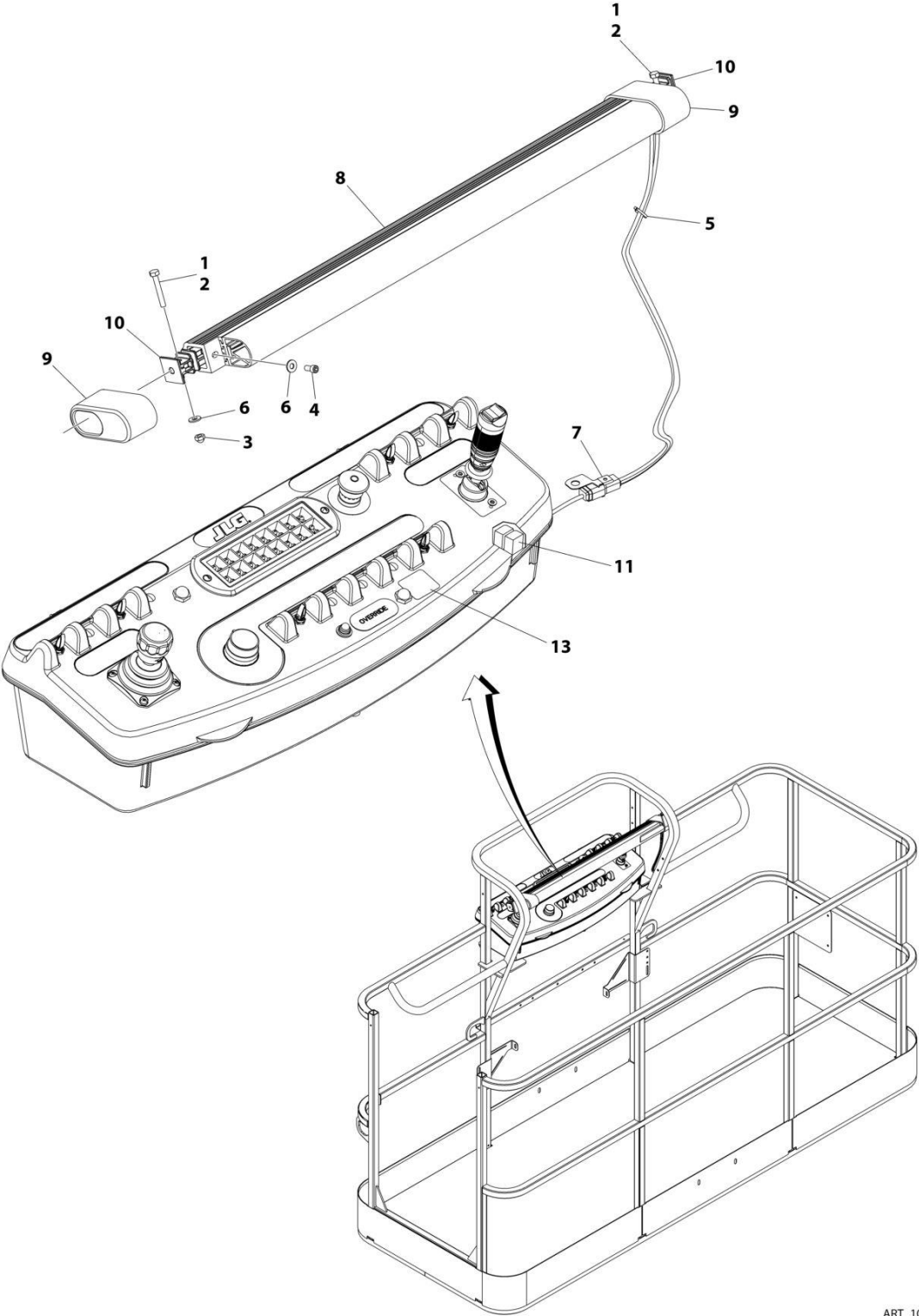
## SECTION 4 - PLATFORM

**FIGURE 4-32. SKYGUARD INSTALLATION (SN 0300211844 through 0300256383)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                             | REV |
|------|-------------|-----|---------------------------------------------------------|-----|
|      | 1001192387  | Ref | SKYGUARD INSTALLATION                                   | C   |
| 1    | 0100011     | AR  | Compound, Locking                                       |     |
| 2    | 0641414     | 2   | Bolt 1/4 x 1-3/4                                        |     |
| 3    | 3300430     | 2   | Nut, Acorn 1/4                                          |     |
| 4    | 3931424     | 2   | Capscrew 1/4 x 1-1/2 (SN 0300211844 through 0300244421) |     |
| 4    | 3931408     | 2   | Capscrew 1/4 x 1/2 (SN 0300244421 through 0300256383)   |     |
| 5    | 4240033     | AR  | Tie-Strap                                               |     |
| 7    | 4711400     | 6   | Washer 1/4                                              |     |
| 8    | 1001120328  | 1   | Mount                                                   |     |
| 9    | 1001137673  | 1   | Switch, SkyGuard Assembly                               |     |
| 11   | 1001186517  | 2   | Cover, Platform Sensor                                  |     |
| 12   | 1001188889  | 2   | Support, Shear Block (SN 0300211844 through 0300244421) |     |
| 12   | 1001209664  | 2   | Support, Shear Block (SN 0300244421 through 0300256383) |     |

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FIGURE 4-33. SKYGUARD INSTALLATION (SN 0300256384 through 0300272206)



ART\_1001238495

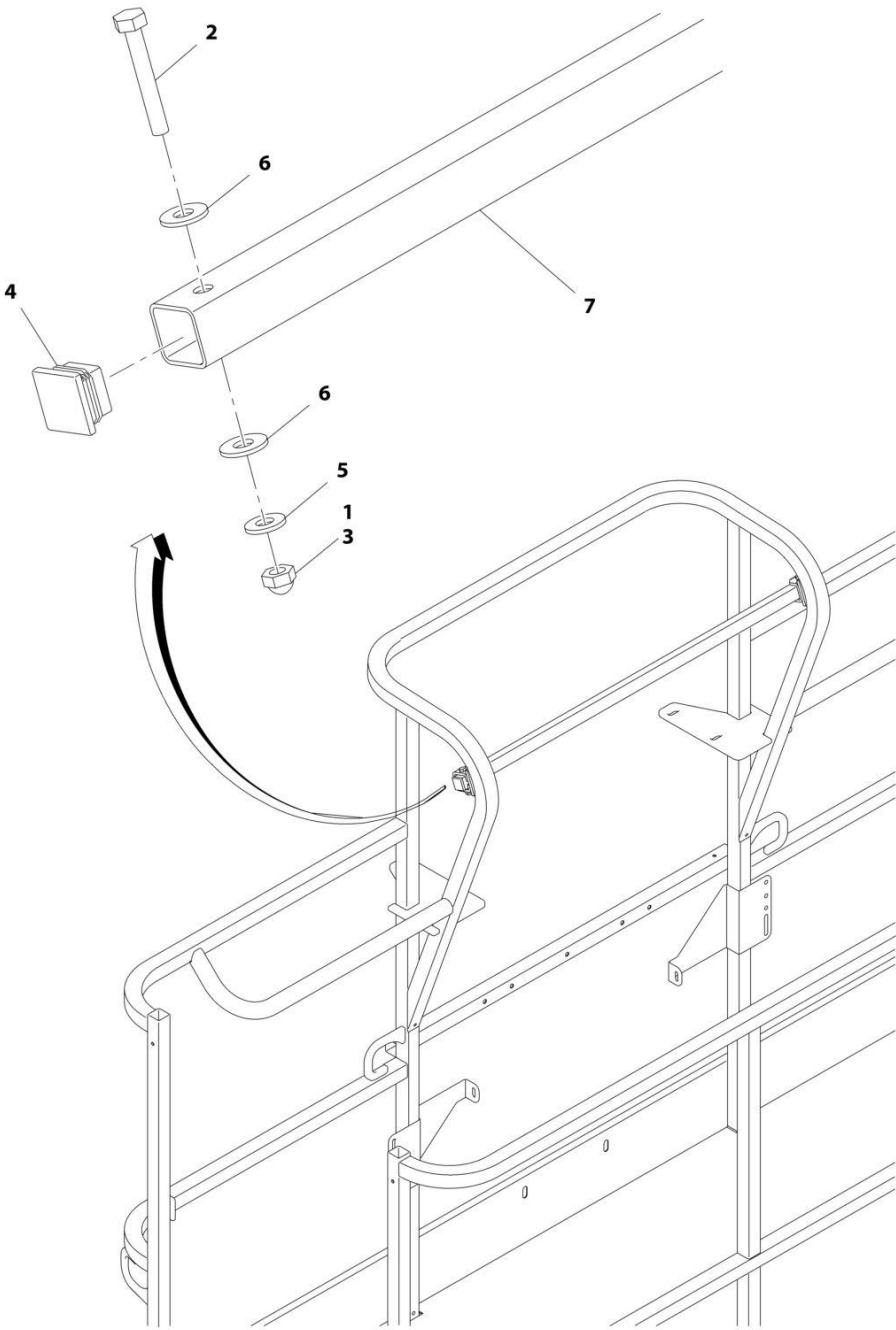
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**FIGURE 4-33. SKYGUARD INSTALLATION (SN 0300256384 through 0300272206)**

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

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FIGURE 4-34. CROSSRAIL INSTALLATION



ART\_1001182138

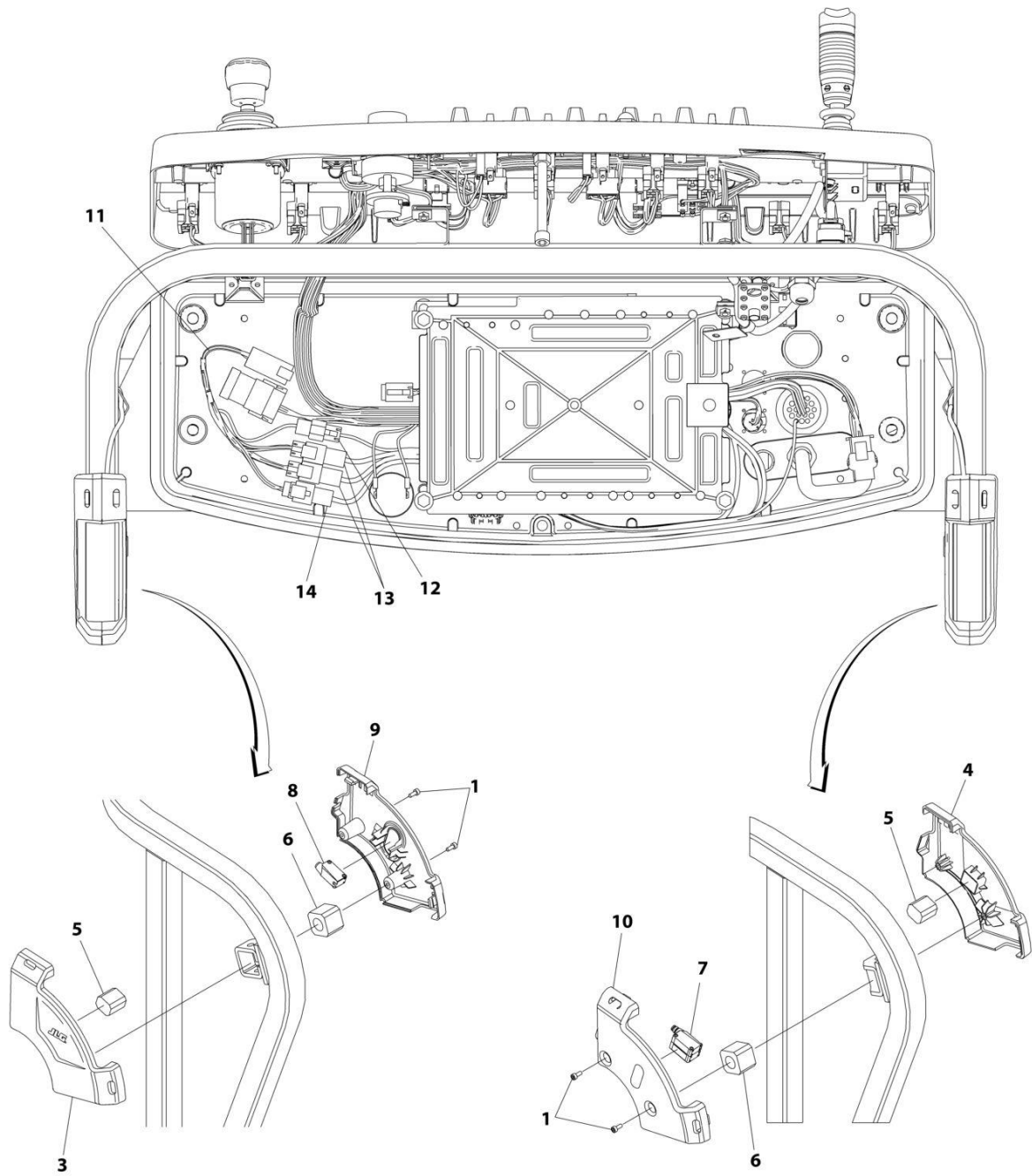
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**FIGURE 4-34. CROSSRAIL INSTALLATION**

| ITEM | PART NUMBER | QTY | DESCRIPTION            | REV |
|------|-------------|-----|------------------------|-----|
|      | 1001182138  | Ref | CROSSRAIL INSTALLATION | A   |
| 1    | 0100071     | AR  | Compound, Locking      |     |
| 2    | 0641414     | 2   | Bolt 1/4 X 1-3/4       |     |
| 3    | 3300430     | 2   | Nut 1/4                |     |
| 4    | 3520182     | 2   | Plug                   |     |
| 5    | 4711400     | 2   | Washer 1/4             |     |
| 6    | 4751400     | 4   | Washer 1/4             |     |
| 7    | 1001191708  | 1   | Bar                    |     |

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FIGURE 4-35. SKYEYE INSTALLATION



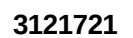
ART\_1001229341

FIGURE 4-35. SKYEYE INSTALLATION

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

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**E300AJ\_E300AJP**



ART\_1001238559



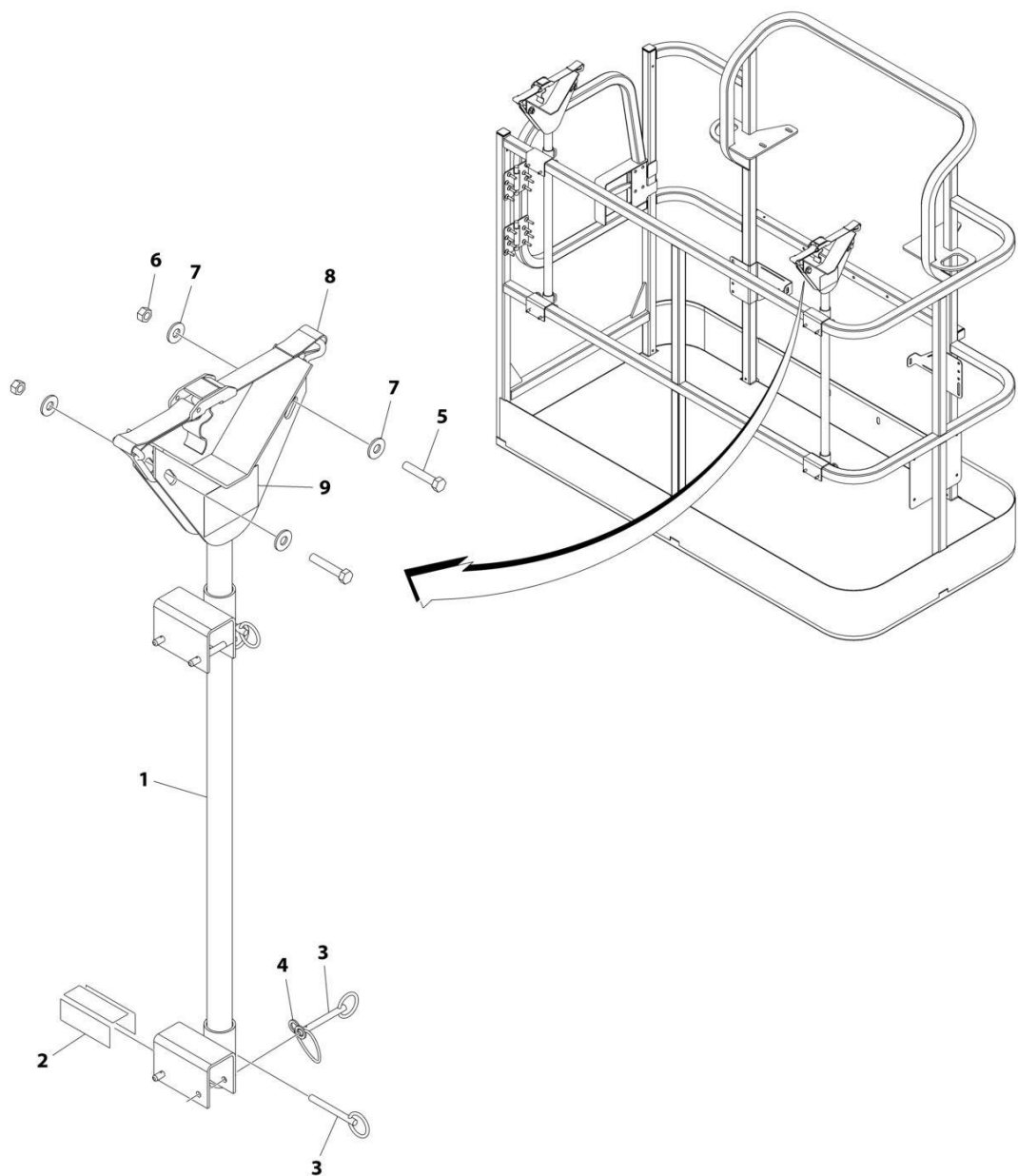
## SECTION 4 - PLATFORM

**FIGURE 4-36. SKYLINE INSTALLATION**

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

SECTION 4 - PLATFORM

FIGURE 4-37. PIPE RACK INSTALLATION (ANSI SPEC)



ART\_0257728

## SECTION 4 - PLATFORM

**FIGURE 4-37. PIPE RACK INSTALLATION (ANSI SPEC)**

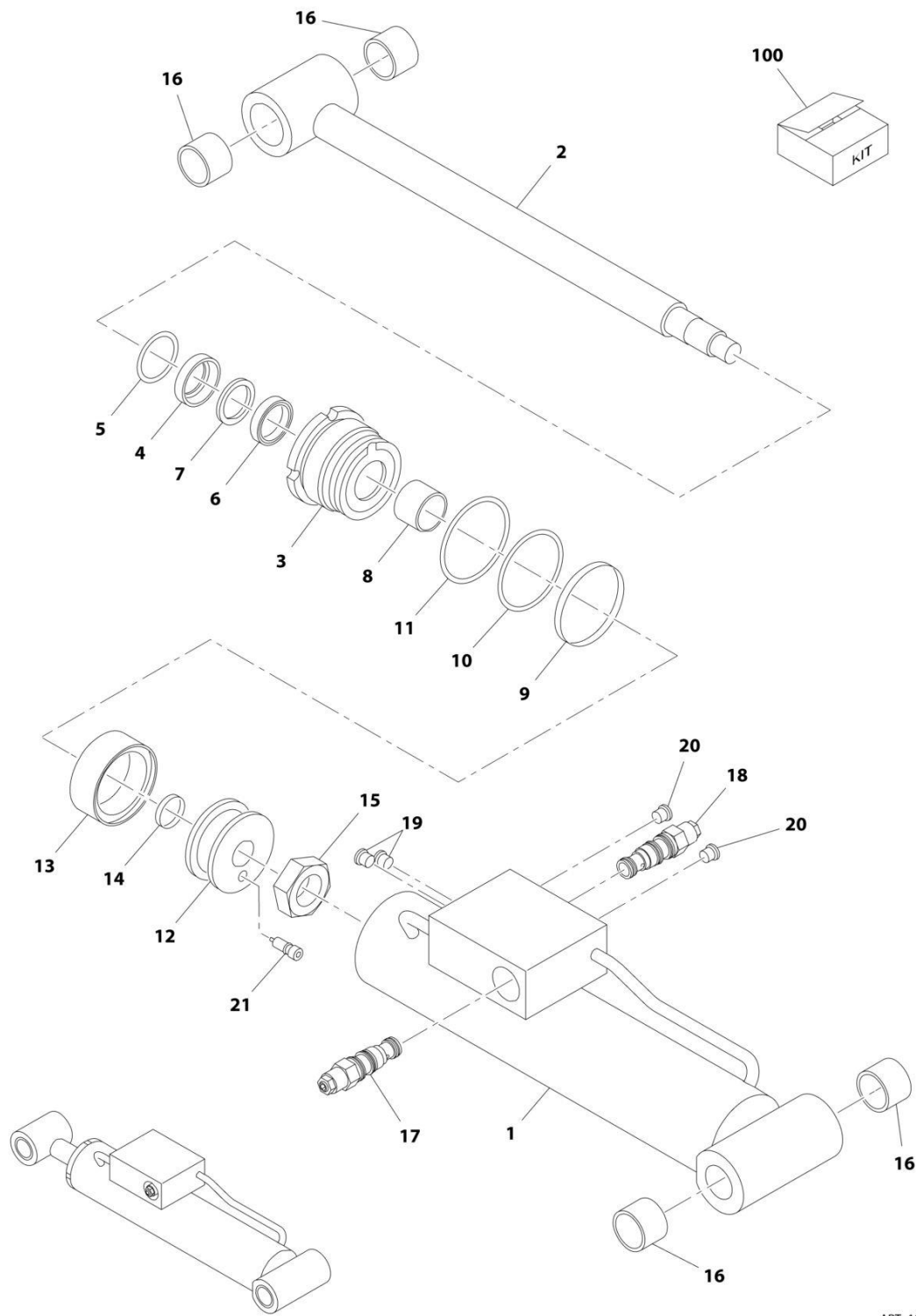
| ITEM | PART NUMBER | QTY | DESCRIPTION                        | REV |
|------|-------------|-----|------------------------------------|-----|
|      | 0257728     | Ref | PIPE RACK INSTALLATION (ANSI SPEC) | 2/C |
| 1    | 4845582     | 2   | Rack, Pipe                         |     |
| 2    | 4420062     | AR  | Tape                               |     |
| 3    | 3422661     | 10  | Pin                                |     |
| 4    | 1060379     | 4   | Lanyard                            |     |
| 5    | 0641514     | 4   | Bolt 5/16 x 1-3/4                  |     |
| 6    | 3311505     | 4   | Nut 5/16                           |     |
| 7    | 4751500     | 8   | Washer 5/16                        |     |
| 8    | 0480100     | 2   | Tie-Down                           |     |
| 9    | 1703683     | 2   | Decal - Capacity                   |     |



**SECTION 5 - CYLINDER**

SECTION 5 - CYLINDER

FIGURE 5-1. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SN 0300211844 through 0300221077)



ART\_1001105153

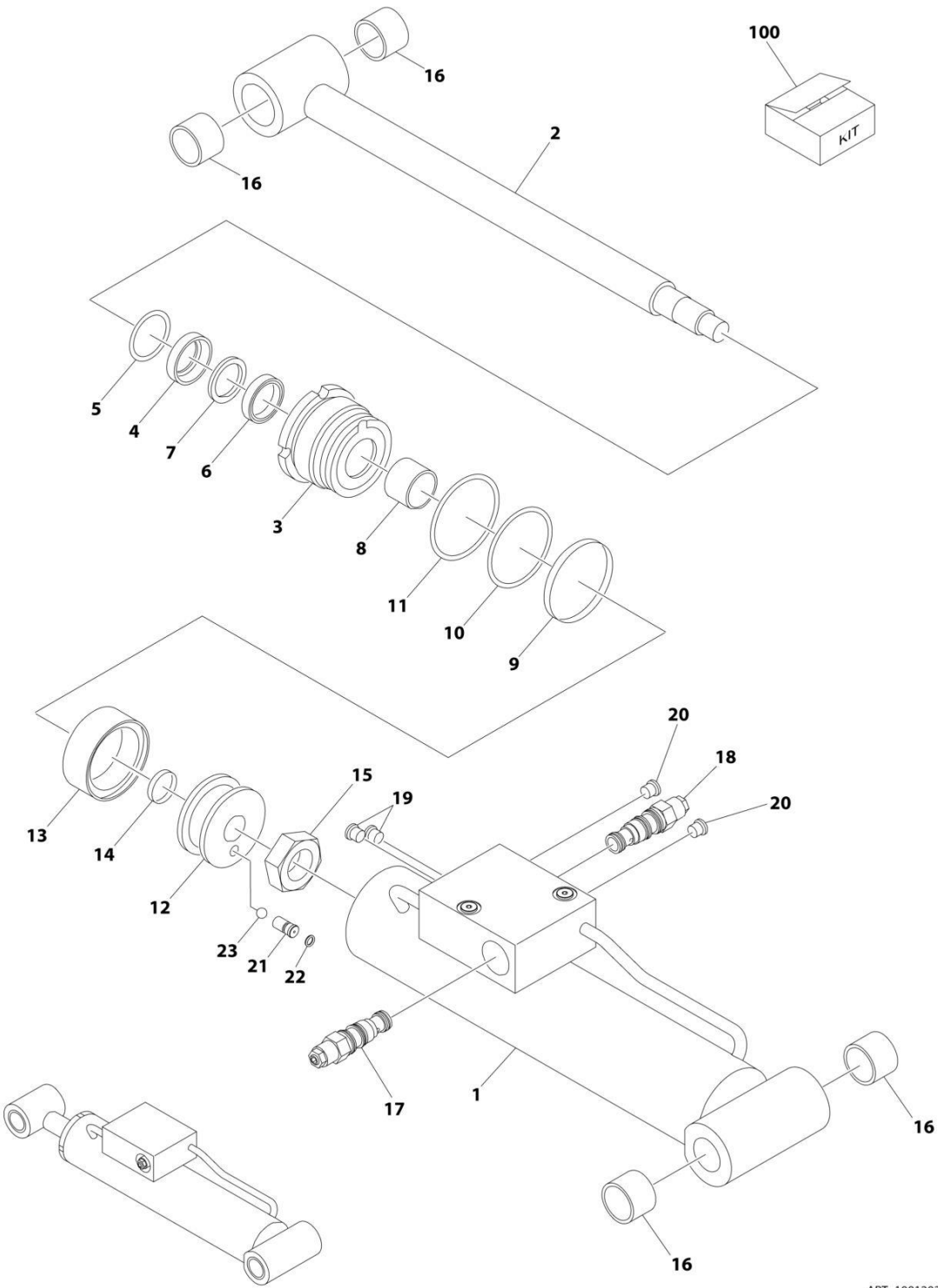
## SECTION 5 - CYLINDER

**FIGURE 5-1. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SN 0300211844 through 0300221077)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                 | REV |
|------|-------------|-----|-----------------------------------------------------------------------------|-----|
|      | 1001105153  | Ref | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SN 0300211844 through 0300221077) | G   |
| 1    | 70002361    | 1   | Barrel Weldment                                                             |     |
| 2    | 70002360    | 1   | Rod Weldment                                                                |     |
| 3    | 70002359    | 1   | Head                                                                        |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                                  |     |
| 5    | 70002366    | 1   | Ring, Retaining                                                             |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                                              |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                                          |     |
| 8    | 70002352    | 1   | Ring, Wear                                                                  |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                                                 |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                                          |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                                                 |     |
| 12   | 70002358    | 1   | Piston                                                                      |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                                           |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                                                 |     |
| 15   | 70002335    | 1   | Nut                                                                         |     |
| 15   | 0100071     | AR  | Compound, Locking                                                           |     |
| 16   | 70002333    | 4   | Bearing                                                                     |     |
| 17   | 70002413    | 1   | Cartridge, Valve (Counterbalance)                                           |     |
| 17   | 2900770     | 1   | Seal Kit - 70002413 Valve (1 Per Assembly)                                  |     |
| 18   | 70002388    | 1   | Cartridge, Valve (Counterbalance)                                           |     |
| 18   | 2900770     | 1   | Seal Kit - 70002388 Valve (1 Per Assembly)                                  |     |
| 19   | See Note    | 2   | Plug, O-Ring (Note: Not Available for Purchase)                             |     |
| 20   | See Note    | 2   | Plug, O-Ring (Note: Not Available for Purchase)                             |     |
| 21   | 70002357    | 1   | Valve, Phase                                                                |     |
| 100  | 70002350    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)                       |     |

SECTION 5 - CYLINDER

FIGURE 5-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SN 0300221078 through 0300272206)



ART\_1001203949



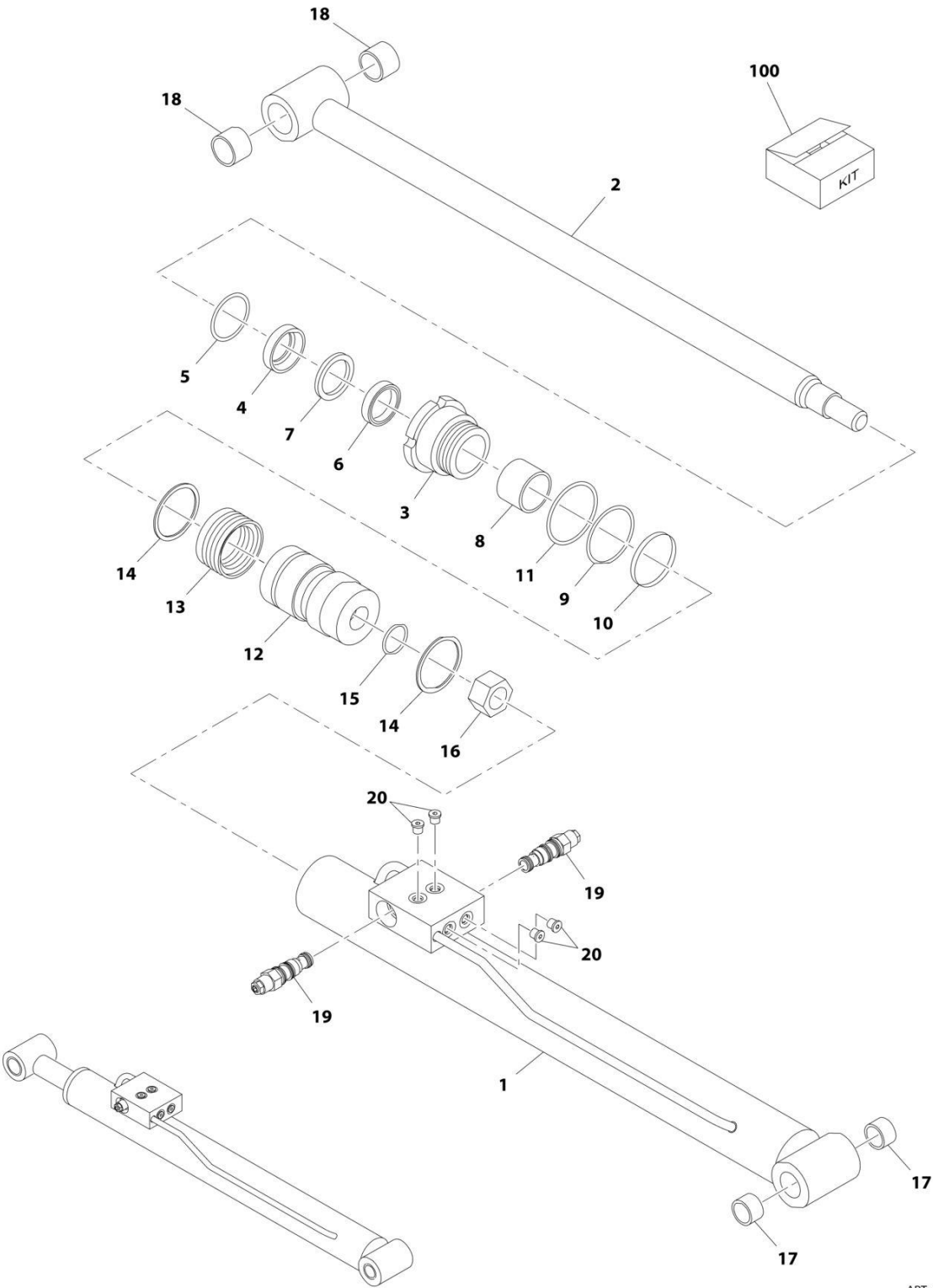
## SECTION 5 - CYLINDER

**FIGURE 5-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SN 0300221078 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------------------------------------------------------|-----|
|      | 1001203949  | 1   | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE                                                                            | B   |
| 1    | 70003131    | 1   | Barrel Weldment                                                                                                     |     |
| 2    | 70002360    | 1   | Rod Weldment                                                                                                        |     |
| 3    | 70002359    | 1   | Head                                                                                                                |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                                                                          |     |
| 5    | See Note    | NSS | Ring, Retaining (Note: Use Item 100)                                                                                |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                                                                                      |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                                                                                  |     |
| 8    | 70005695    | 1   | Ring, Wear                                                                                                          |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                                                                                         |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                                                                                  |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                                                                                         |     |
| 12   | 70005972    | 1   | Piston                                                                                                              |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                                                                                   |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                                                                                         |     |
| 15   | 70002335    | 1   | Nut                                                                                                                 |     |
| 15   | 0100071     | AR  | Compound, Locking                                                                                                   |     |
| 16   | 0961951     | 4   | Bearing                                                                                                             |     |
| 17   | 70002413    | 1   | Cartridge, Valve (Counterbalance)                                                                                   |     |
| 17   | 2900770     | 1   | Seal Kit - 70002413 Valve (1 Per Assembly)                                                                          |     |
| 18   | 1001168210  | 1   | Cartridge, Valve (Counterbalance)                                                                                   |     |
| 18   | 2900770     | 1   | Seal Kit - 1001168210 Valve (1 Per Assembly)                                                                        |     |
| 19   | 2220883     | 4   | Plug, O-Ring                                                                                                        |     |
| 20   | See Note    | 2   | Plug, O-Ring (Note: Not Available for Purchase)                                                                     |     |
| 21   | 70005973    | 1   | Valve                                                                                                               |     |
| 22   | 70005974    | 1   | O-Ring                                                                                                              |     |
| 23   | See Note    | NSS | Ball (Note: Per the vendor - the steel ball is no longer included in the Seal Kit. The steel ball p/n is 70006353.) |     |
| 100  | 70002350    | 1   | Seal Kit (Includes Items 4, 5, 6, 7, 9, 10, 11, 13, 14 & 23)                                                        |     |

SECTION 5 - CYLINDER

FIGURE 5-3. LIFT CYLINDER ASSEMBLY - JIB



ART\_1001108429

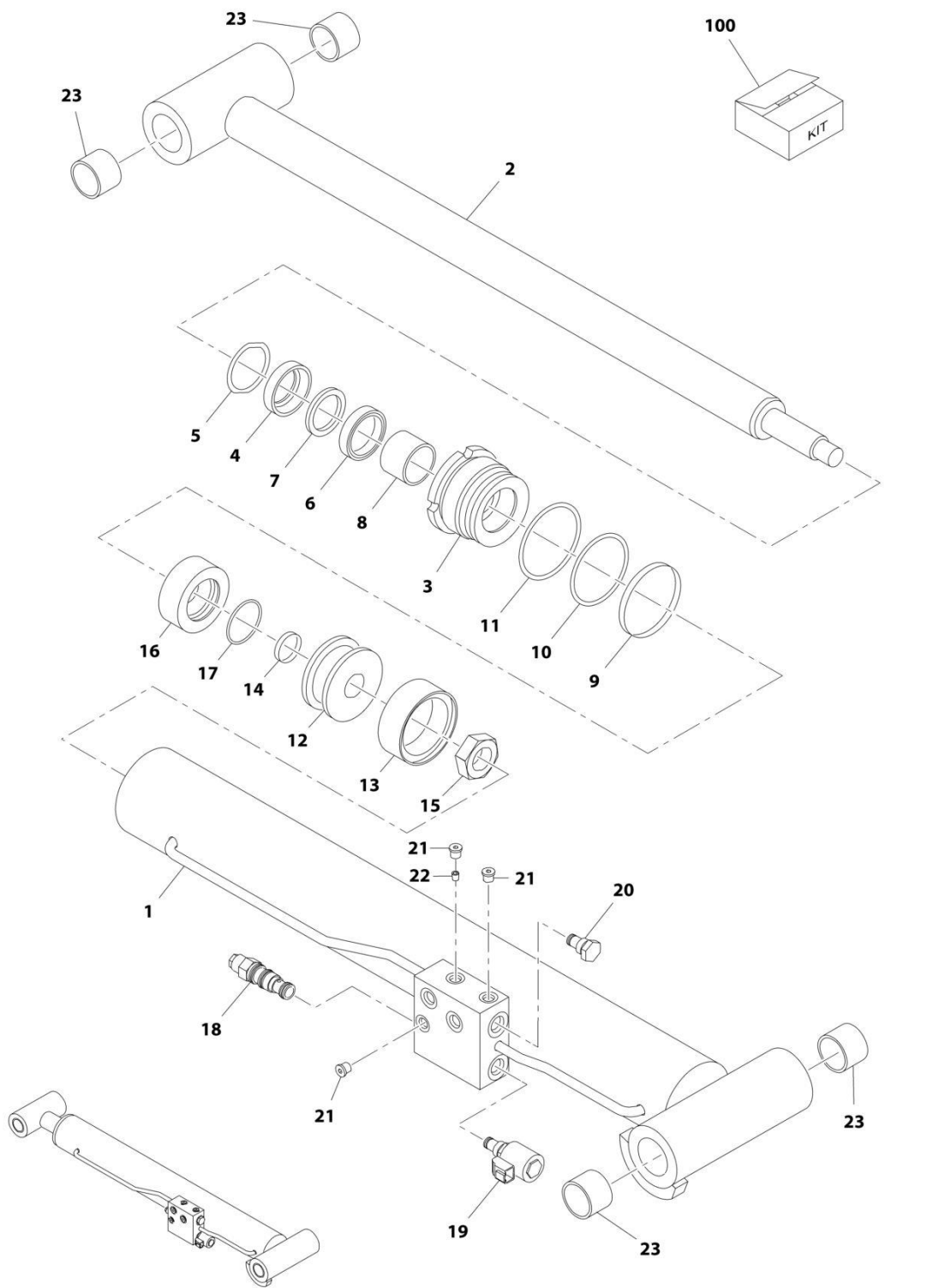
## SECTION 5 - CYLINDER

**FIGURE 5-3. LIFT CYLINDER ASSEMBLY - JIB**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                               | REV |
|------|-------------|-----|-----------------------------------------------------------|-----|
|      | 1001108429  | Ref | LIFT CYLINDER ASSEMBLY - JIB                              | C   |
| 1    | 70002376    | 1   | Barrel Weldment                                           |     |
| 2    | 70002375    | 1   | Rod Weldment                                              |     |
| 3    | 70002374    | 1   | Head                                                      |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                |     |
| 5    | 70002373    | 1   | Ring, Retaining                                           |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                            |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 8    | 70005143    | 1   | Ring, Wear                                                |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 12   | 70002371    | 1   | Piston                                                    |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                         |     |
| 14   | 70006722    | 1   | Ring, Piston                                              |     |
| 15   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 16   | 70002335    | 1   | Nut                                                       |     |
| 16   | 0100071     | AR  | Compound, Locking                                         |     |
| 17   | 70005159    | 2   | Bearing                                                   |     |
| 18   | 70006574    | 2   | Bearing                                                   |     |
| 19   | 70002389    | 2   | Cartridge, Valve (Counterbalance)                         |     |
| 19   | 2900770     | 2   | Seal Kit - 70002389 Valve (1 Per Assembly)                |     |
| 20   | See Note    | 4   | Plug, O-Ring (Note: Not Available for Purchase)           |     |
| 100  | 70002370    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 15) |     |

SECTION 5 - CYLINDER

FIGURE 5-4. LIFT CYLINDER ASSEMBLY - MAIN BOOM



ART\_1001106880

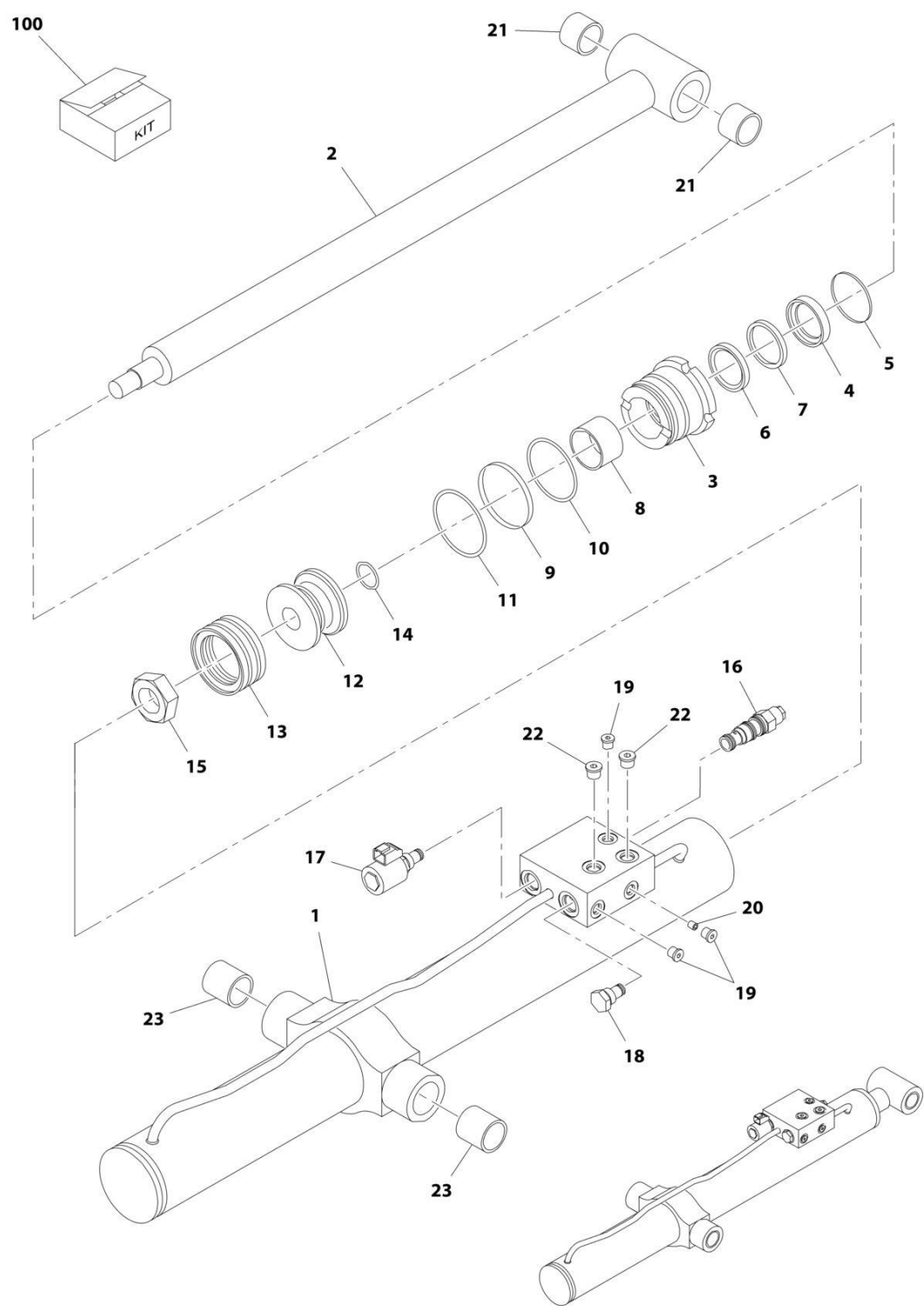
## SECTION 5 - CYLINDER

**FIGURE 5-4. LIFT CYLINDER ASSEMBLY - MAIN BOOM**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                               | REV |
|------|-------------|-----|-----------------------------------------------------------|-----|
|      | 1001106880  | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM                        | E   |
| 1    | 70002349    | 1   | Barrel Weldment                                           |     |
| 2    | 70002348    | 1   | Rod Weldment                                              |     |
| 3    | 70002347    | 1   | Head                                                      |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                |     |
| 5    | 70002412    | 1   | Ring, Retaining                                           |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                            |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 8    | 70022593    | 1   | Ring, Wear                                                |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 12   | 70002346    | 1   | Piston                                                    |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                         |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 15   | 70002345    | 1   | Nut                                                       |     |
| 15   | 0100071     | AR  | Compound, Locking                                         |     |
| 16   | 70002344    | 1   | Spacer                                                    |     |
| 17   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 18   | 70002387    | 1   | Cartridge, Valve (Counterbalance)                         |     |
| 18   | 2900770     | 1   | Seal Kit - 70002387 Valve (1 Per Assembly)                |     |
| 19   | 7024884     | 1   | Cartridge, Valve (2 Way Poppet)                           |     |
| 19   | 7012967     | 1   | Seal Kit - 7024884 Valve (1 Per Assembly)                 |     |
| 19   | 70002386    | 1   | Coil                                                      |     |
| 20   | 7012955     | 1   | Cartridge, Valve (Check)                                  |     |
| 20   | 7012967     | 1   | Seal Kit - 7012955 Valve (1 Per Assembly)                 |     |
| 21   | See Note    | 3   | Plug, O-Ring (Note: Not Available for Purchase)           |     |
| 22   | 70002343    | 1   | Orifice                                                   |     |
| 23   | 70002342    | 4   | Bearing                                                   |     |
| 100  | 70002341    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 17) |     |

SECTION 5 - CYLINDER

FIGURE 5-5. LIFT CYLINDER ASSEMBLY - TOWER BOOM



ART\_1001107886

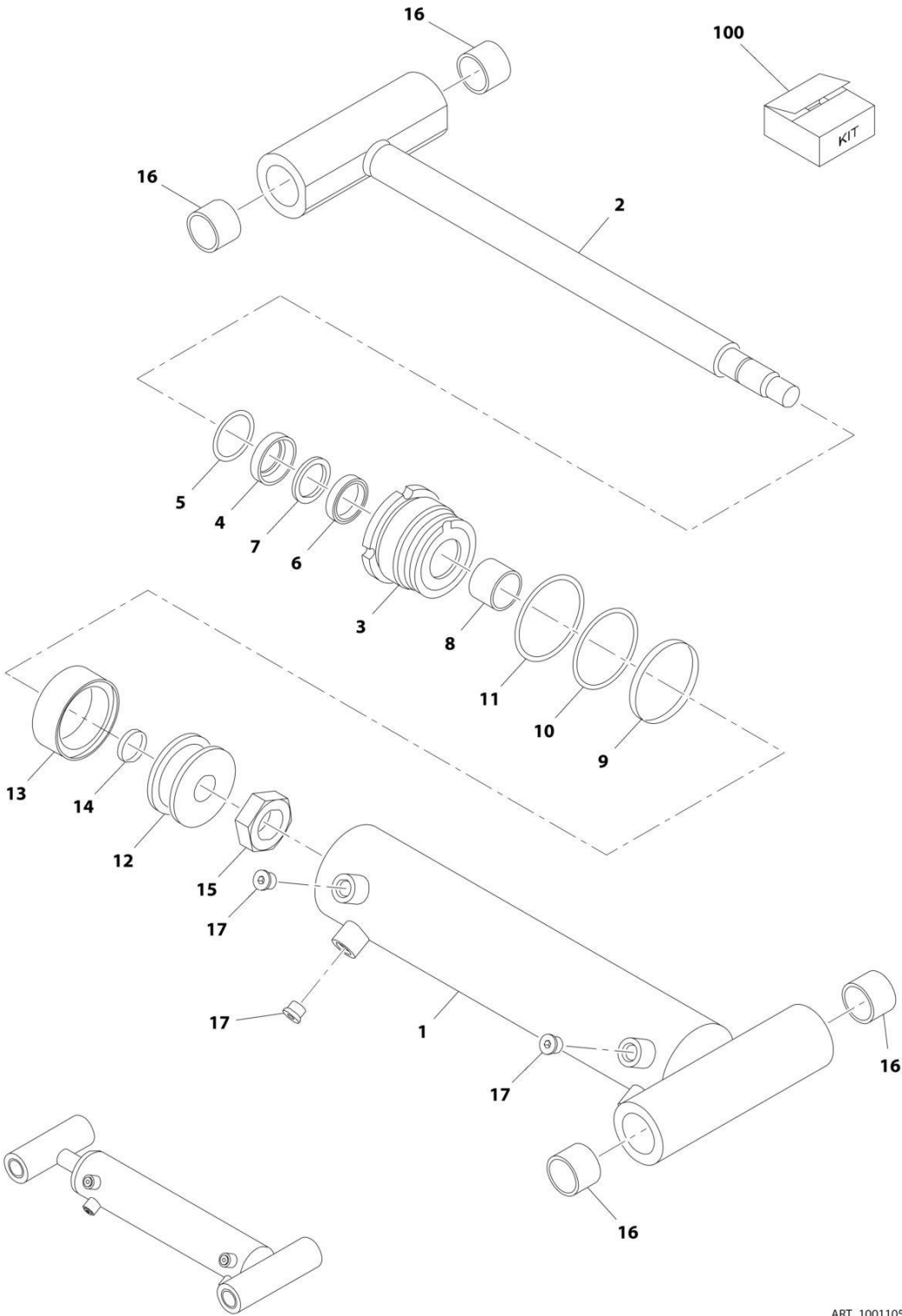
## SECTION 5 - CYLINDER

**FIGURE 5-5. LIFT CYLINDER ASSEMBLY - TOWER BOOM**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                           | REV |
|------|-------------|-----|-------------------------------------------------------|-----|
|      | 1001107886  | Ref | LIFT CYLINDER ASSEMBLY - TOWER BOOM                   | D   |
| 1    | 70002340    | 1   | Barrel Weldment                                       |     |
| 2    | 70002339    | 1   | Rod Weldment                                          |     |
| 3    | 70002338    | 1   | Head                                                  |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                            |     |
| 5    | 70002410    | 1   | Ring, Retaining                                       |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                        |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 8    | 70002337    | 1   | Ring, Wear                                            |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 12   | 70002336    | 1   | Piston                                                |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                     |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 15   | 70002335    | 1   | Nut                                                   |     |
| 15   | 0100071     | AR  | Compound, Locking                                     |     |
| 16   | 70002387    | 1   | Cartridge, Valve (Counterbalance)                     |     |
| 16   | 2900770     | 1   | Seal Kit - 70002387 Valve (1 Per Assembly)            |     |
| 17   | 7024884     | 1   | Cartridge, Valve (2 Way Poppet)                       |     |
| 17   | 7012967     | 1   | Seal Kit - 7024884 Valve (1 Per Assembly)             |     |
| 17   | 70002386    | 1   | Coil                                                  |     |
| 18   | 7012955     | 1   | Cartridge, Valve (Check)                              |     |
| 18   | 7012967     | 1   | Seal Kit - 7012955 Valve (1 Per Assembly)             |     |
| 19   | See Note    | 3   | Plug, O-Ring (Note: Not Available for Purchase)       |     |
| 20   | 70002334    | 1   | Orifice                                               |     |
| 21   | 70002333    | 2   | Bearing                                               |     |
| 22   | See Note    | 2   | Plug, O-Ring (Note: Not Available for Purchase)       |     |
| 23   | 70002409    | 2   | Bearing                                               |     |
| 100  | 70002332    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14) |     |

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FIGURE 5-6. MASTER CYLINDER ASSEMBLY



ART\_1001105989



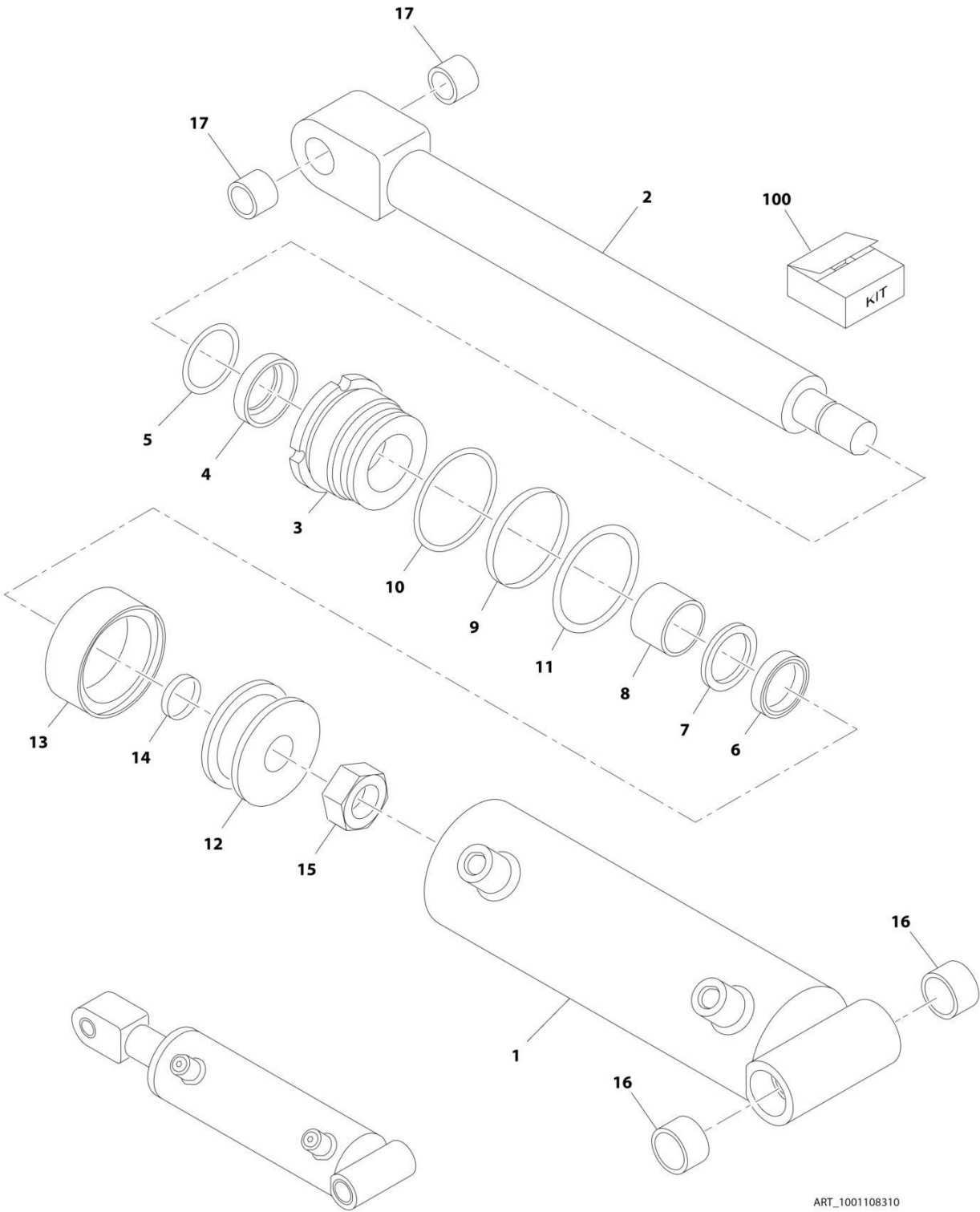
## SECTION 5 - CYLINDER

**FIGURE 5-6. MASTER CYLINDER ASSEMBLY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                           | REV |
|------|-------------|-----|-------------------------------------------------------|-----|
|      | 1001105989  | Ref | MASTER CYLINDER ASSEMBLY                              | C   |
| 1    | 70002355    | 1   | Barrel Weldment                                       |     |
| 2    | 70002354    | 1   | Rod Weldment                                          |     |
| 3    | 70002359    | 1   | Head                                                  |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                            |     |
| 5    | 70002366    | 1   | Ring, Retaining                                       |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                        |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 8    | 70002352    | 1   | Ring, Wear                                            |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 12   | 70002381    | 1   | Piston                                                |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                     |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 15   | 70002335    | 1   | Nut                                                   |     |
| 15   | 0100071     | AR  | Compound, Locking                                     |     |
| 16   | 70002333    | 4   | Bearing                                               |     |
| 17   | See Note    | 4   | Plug, O-Ring (Note: Not Available for Purchase)       |     |
| 100  | 70002350    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14) |     |

SECTION 5 - CYLINDER

FIGURE 5-7. STEER CYLINDER ASSEMBLY



ART\_1001108310

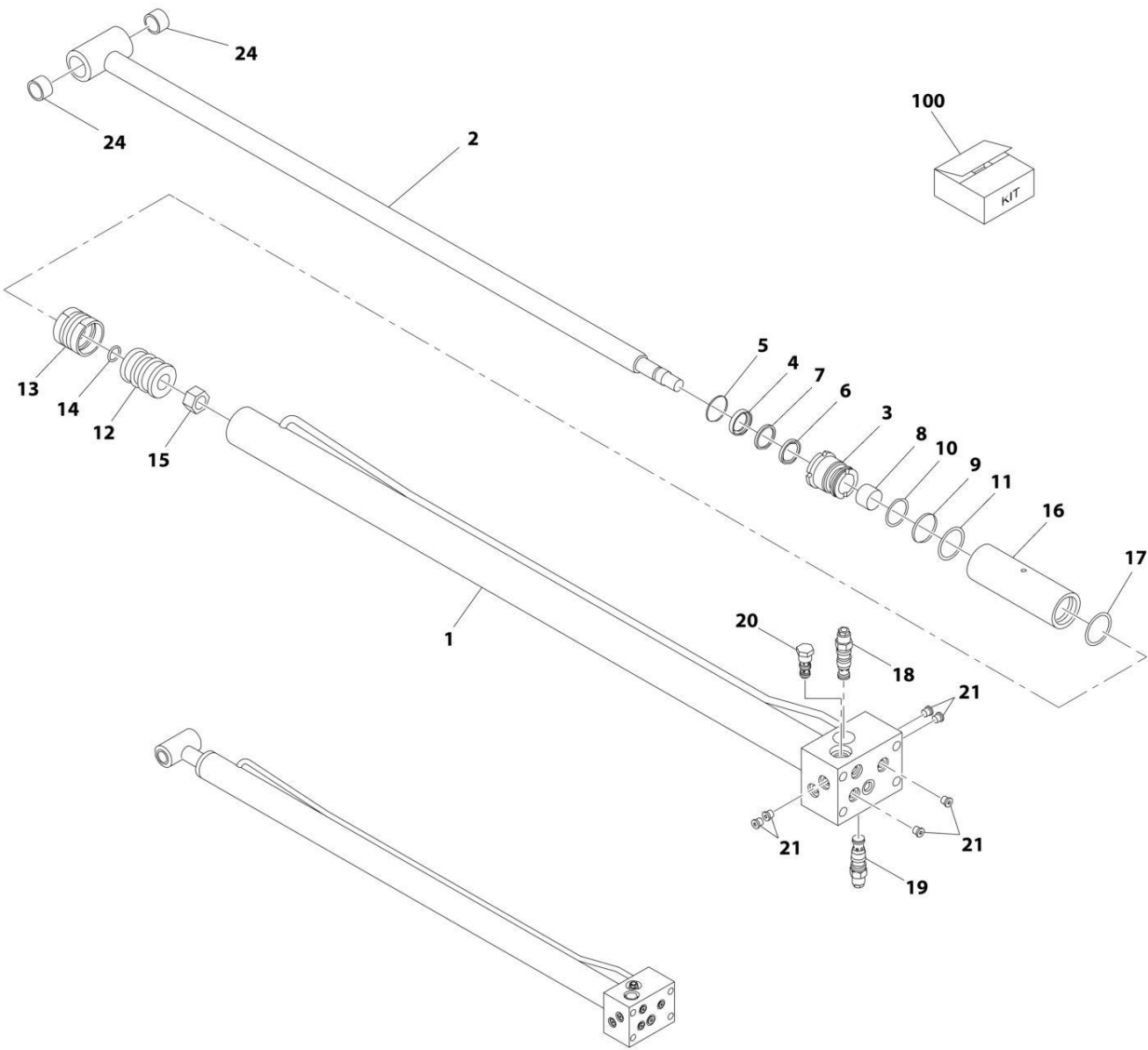
## SECTION 5 - CYLINDER

**FIGURE 5-7. STEER CYLINDER ASSEMBLY**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                           | REV |
|------|-------------|-----|-------------------------------------------------------|-----|
|      | 1001108310  | Ref | STEER CYLINDER ASSEMBLY                               | C   |
| 1    | 70002384    | 1   | Barrel Weldment                                       |     |
| 2    | 70002383    | 1   | Rod Weldment                                          |     |
| 3    | 70002382    | 1   | Head                                                  |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                            |     |
| 5    | 70002373    | 1   | Ring, Retaining                                       |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                        |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 8    | 70022586    | 1   | Ring, Wear                                            |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                    |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 12   | 70002381    | 1   | Piston                                                |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                     |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                           |     |
| 15   | 70002335    | 1   | Nut                                                   |     |
| 15   | 0100071     | AR  | Compound, Locking                                     |     |
| 16   | 70002363    | 2   | Bearing                                               |     |
| 17   | 70002380    | 2   | Bearing                                               |     |
| 100  | 70002379    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14) |     |

SECTION 5 - CYLINDER

FIGURE 5-8. TELESCOPE CYLINDER ASSEMBLY - E300AJ



ART\_1001120974

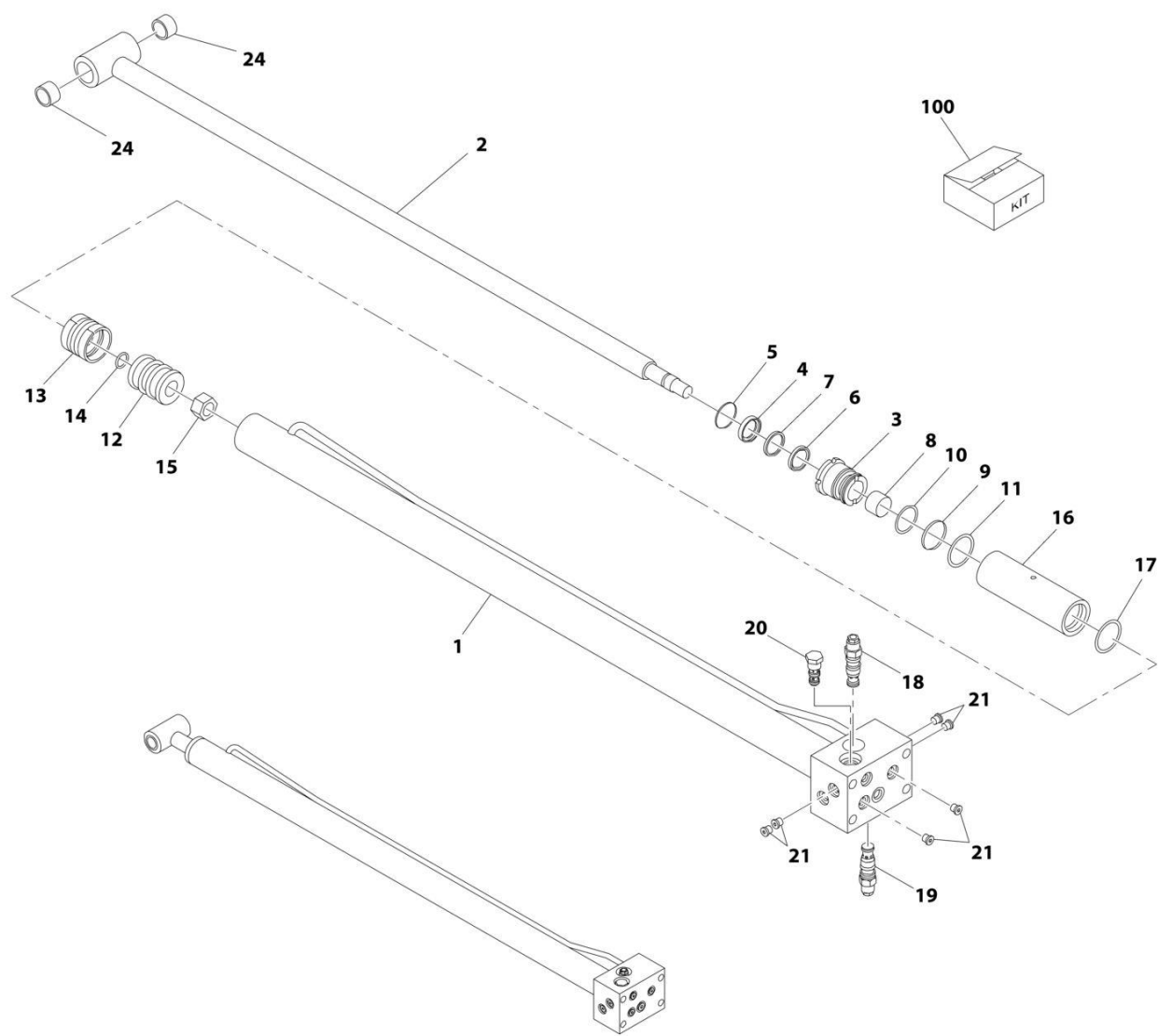
## SECTION 5 - CYLINDER

**FIGURE 5-8. TELESCOPE CYLINDER ASSEMBLY - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                               | REV |
|------|-------------|-----|-----------------------------------------------------------|-----|
|      | 1001120974  | Ref | TELESCOPE CYLINDER ASSEMBLY - E300AJ                      | C   |
| 1    | 70003114    | 1   | Barrel Weldment                                           |     |
| 2    | 70003115    | 1   | Rod Weldment                                              |     |
| 3    | 70003116    | 1   | Head                                                      |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                |     |
| 5    | 70002366    | 1   | Ring, Retaining                                           |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                            |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 8    | 70002352    | 1   | Ring, Wear                                                |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 12   | 70003117    | 1   | Piston                                                    |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                         |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 15   | 70002335    | 1   | Nut                                                       |     |
| 15   | 0100071     | AR  | Compound, Locking                                         |     |
| 16   | 70002364    | 1   | Spacer                                                    |     |
| 17   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 18   | 4640771     | 1   | Cartridge, Valve (Counterbalance)                         |     |
| 18   | 2900770     | 1   | Seal Kit - 4640771 Valve (1 Per Assembly)                 |     |
| 19   | 70002389    | 1   | Cartridge, Valve (Counterbalance)                         |     |
| 19   | 2900770     | 1   | Seal Kit - 70002389 Valve (1 Per Assembly)                |     |
| 20   | 10837580    | 1   | Cartridge, Valve (Load Shuttle) (was p/n 7010542)         |     |
| 20   | 7010543     | 1   | Seal Kit - 10837580 & 7010542 Valves (1 Per Assembly)     |     |
| 21   | 70023370    | 6   | Plug, O-Ring                                              |     |
| 24   | 70003118    | 2   | Bearing                                                   |     |
| 100  | 70003119    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 17) |     |

SECTION 5 - CYLINDER

FIGURE 5-9. TELESCOPE CYLINDER ASSEMBLY - E300AJP



ART\_1001106879

## SECTION 5 - CYLINDER

**FIGURE 5-9. TELESCOPE CYLINDER ASSEMBLY - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                               | REV |
|------|-------------|-----|-----------------------------------------------------------|-----|
|      | 1001106879  | Ref | TELESCOPE CYLINDER ASSEMBLY - E300AJP                     | D   |
| 1    | 70002369    | 1   | Barrel Weldment                                           |     |
| 2    | 70002368    | 1   | Rod Weldment                                              |     |
| 3    | 70002367    | 1   | Head                                                      |     |
| 4    | See Note    | NSS | Wiper (Note: Use Item 100)                                |     |
| 5    | 70002366    | 1   | Ring, Retaining                                           |     |
| 6    | See Note    | NSS | Seal, Rod (Note: Use Item 100)                            |     |
| 7    | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 8    | 70002352    | 1   | Ring, Wear                                                |     |
| 9    | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 10   | See Note    | NSS | Ring, Back-up (Note: Use Item 100)                        |     |
| 11   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 12   | 70002365    | 1   | Piston                                                    |     |
| 13   | See Note    | NSS | Seal, Piston (Note: Use Item 100)                         |     |
| 14   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 15   | 70002335    | 1   | Nut                                                       |     |
| 15   | 0100071     | AR  | Compound, Locking                                         |     |
| 16   | 70002385    | 1   | Spacer                                                    |     |
| 17   | See Note    | NSS | O-Ring (Note: Use Item 100)                               |     |
| 18   | 4640771     | 1   | Cartridge, Valve (Counterbalance)                         |     |
| 18   | 2900770     | 1   | Seal Kit - 4640771 Valve (1 Per Assembly)                 |     |
| 19   | 70002389    | 1   | Cartridge, Valve (Counterbalance)                         |     |
| 19   | 2900770     | 1   | Seal Kit - 70002389 Valve (1 Per Assembly)                |     |
| 20   | 10837580    | 1   | Cartridge, Valve (Load Shuttle) (was p/n 7010542)         |     |
| 20   | 7010543     | 1   | Seal Kit - 10837580 & 7010542 Valves (1 Per Assembly)     |     |
| 21   | 70023370    | 6   | Plug, O-Ring                                              |     |
| 24   | 70002363    | 2   | Bearing                                                   |     |
| 100  | 70002362    | 1   | Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 17) |     |

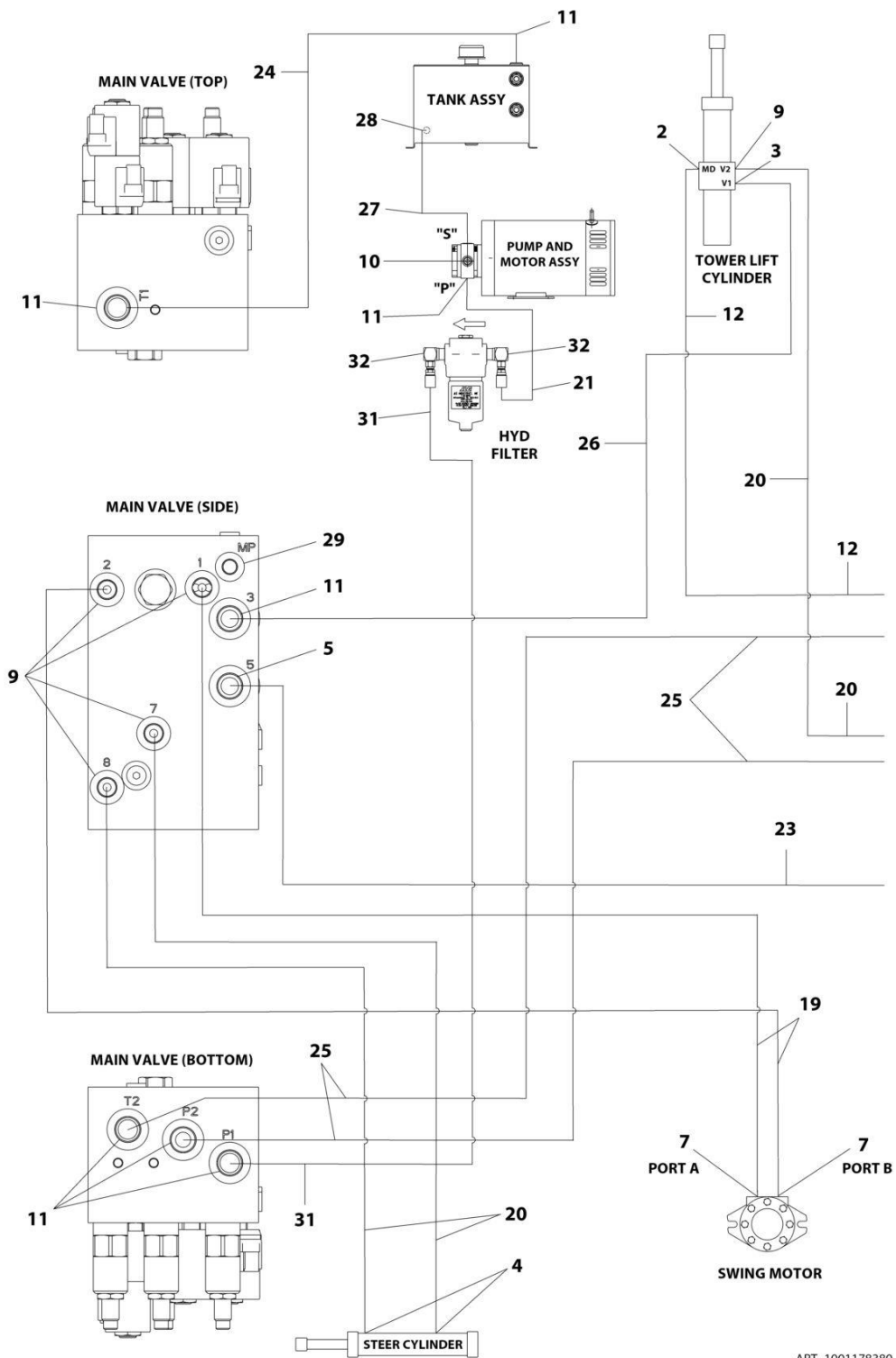




**SECTION 6 - HYDRAULIC**

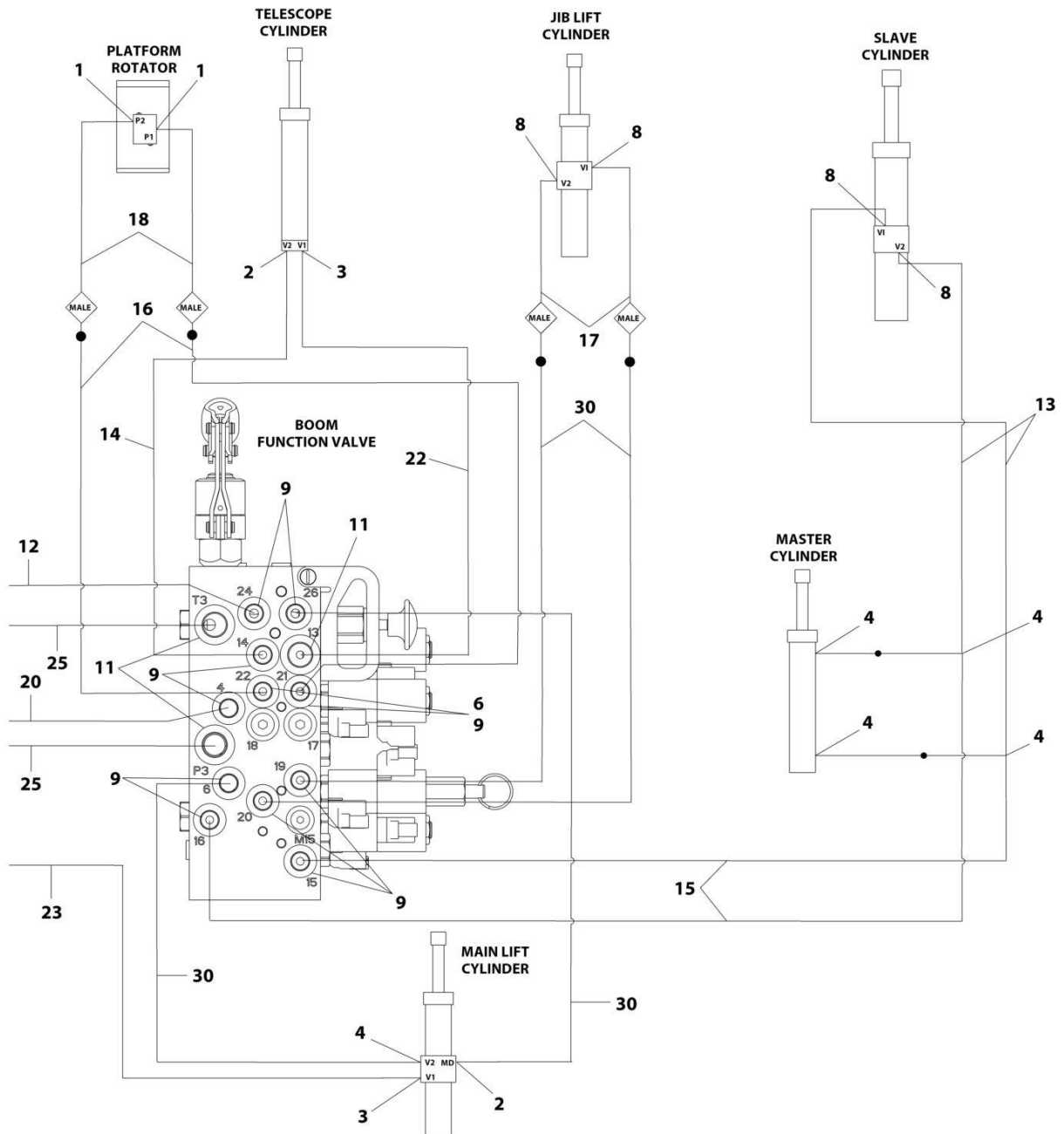
SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM - E300AJ



ART\_1001178380\_10F2

# SECTION 6 - HYDRAULIC



ART\_1001178380\_2OF2

## SECTION 6 - HYDRAULIC

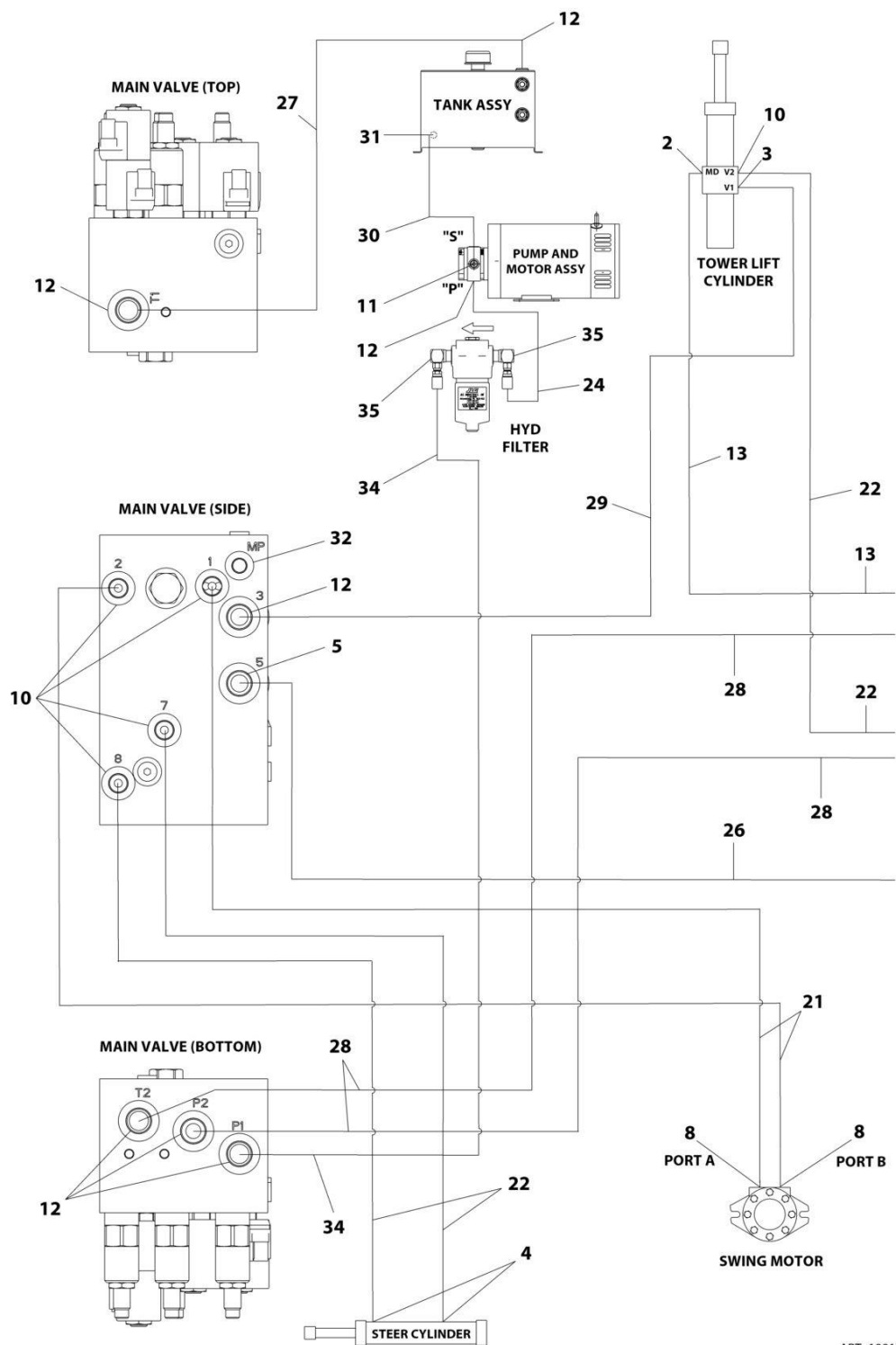
**FIGURE 6-1. HYDRAULIC DIAGRAM - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                | REV |
|------|-------------|-----|----------------------------|-----|
|      | 1001178380  | Ref | HYDRAULIC DIAGRAM - E300AJ | C   |
| 1    | 2220502     | 2   | Fitting, 45 ORB/JIC        |     |
| 1    | 2220940     | 2   | Fitting, 90 Long ORB/FL    |     |
| 2    | 2220466     | 3   | Fitting, 90 ORB/JIC        |     |
| 3    | 2220473     | 3   | Fitting, 90 ORB/JIC        |     |
| 4    | 2220472     | 7   | Fitting, 90 ORB/JIC        |     |
| 5    | 2220628     | 1   | Fitting, 90 ORB/JIC        |     |
| 6    | 2220909     | 2   | Orifice 0.015              |     |
| 7    | 2221033     | 2   | Fitting, Straight ORB/JIC  |     |
| 8    | 2220415     | 4   | Fitting, Straight ORB/JIC  |     |
| 9    | 2220582     | 16  | Fitting, Straight ORB/JIC  |     |
| 10   | 2220408     | 1   | Fitting, Straight ORB/JIC  |     |
| 11   | 2220372     | 10  | Fitting, Straight ORB/JIC  |     |
| 12   | 2754055     | 1   | Hose                       |     |
| 13   | 1001109688  | 2   | Hose                       |     |
| 14   | 2753364     | 1   | Hose                       |     |
| 15   | 2753276     | 2   | Hose                       |     |
| 16   | 2753279     | 2   | Hose                       |     |
| 17   | 1001112946  | 2   | Hose                       |     |
| 18   | 1001109686  | 2   | Hose                       |     |
| 19   | 1001109687  | 2   | Hose                       |     |
| 20   | 2752999     | 3   | Hose                       |     |
| 21   | 2752613     | 1   | Hose                       |     |
| 22   | 2753137     | 1   | Hose                       |     |
| 23   | 2753136     | 1   | Hose                       |     |
| 24   | 1001109690  | 1   | Hose                       |     |
| 25   | 2753812     | 2   | Hose                       |     |
| 26   | 1001112947  | 1   | Hose                       |     |
| 27   | 1001160232  | 1   | Hose                       |     |
| 28   | 1320030     | 1   | Clamp                      |     |
| 29   | 2221086     | 1   | Fitting, Test              |     |
| 30   | 1001112948  | 4   | Hose                       |     |
| 31   | 2752473     | 1   | Hose                       |     |
| 32   | 2221048     | 2   | Fitting, 90 ORB/JIC        |     |
| 33   | 4100026     | AR  | Sleeve, Nylon              |     |
| 34   | 1702124     | 1   | Hose Tags (Not Shown)      |     |



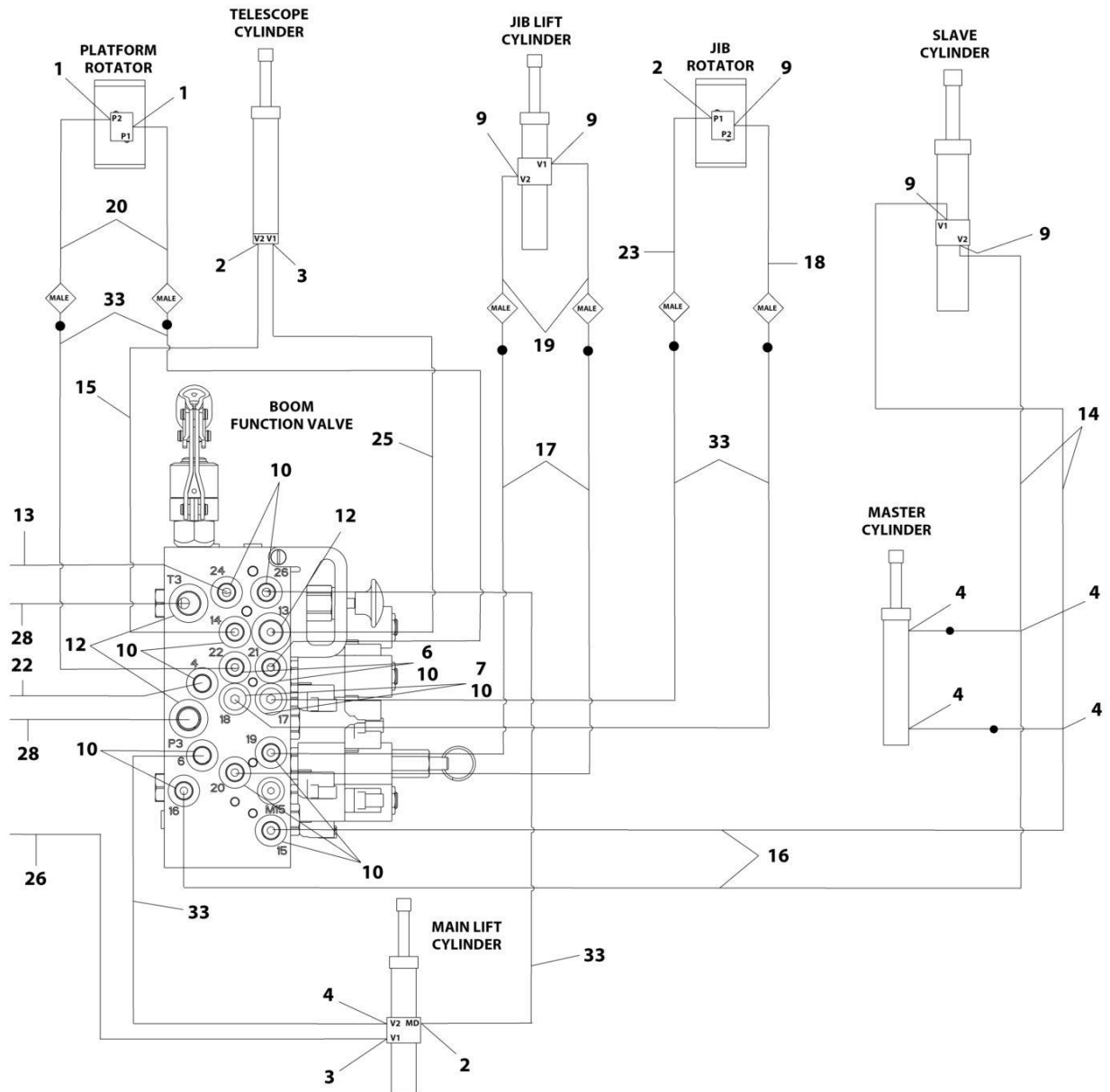
SECTION 6 - HYDRAULIC

FIGURE 6-2. HYDRAULIC DIAGRAM - E300AJP



ART\_1001178381\_10F2

# SECTION 6 - HYDRAULIC



ART\_1001178381\_2OF2

## SECTION 6 - HYDRAULIC

FIGURE 6-2. HYDRAULIC DIAGRAM - E300AJP

| ITEM | PART NUMBER | QTY | DESCRIPTION                 | REV |
|------|-------------|-----|-----------------------------|-----|
|      | 1001178381  | Ref | HYDRAULIC DIAGRAM - E300AJP | C   |
| 1    | 2220502     | 2   | Fitting, 45 ORB/JIC         |     |
| 1    | 2220940     | 2   | Fitting, 90 Long ORB/FL     |     |
| 2    | 2220466     | 4   | Fitting, 90 ORB/JIC         |     |
| 3    | 2220473     | 3   | Fitting, 90 ORB/JIC         |     |
| 4    | 2220472     | 7   | Fitting, 90 ORB/JIC         |     |
| 5    | 2220628     | 1   | Fitting, 90 ORB/JIC         |     |
| 6    | 2220909     | 2   | Orifice 0.015               |     |
| 7    | 2221039     | 2   | Orifice 0.022               |     |
| 8    | 2221033     | 2   | Fitting, Straight ORB/JIC   |     |
| 9    | 2220415     | 5   | Fitting, Straight ORB/JIC   |     |
| 10   | 2220582     | 18  | Fitting, Straight ORB/JIC   |     |
| 11   | 2220408     | 1   | Fitting, Straight ORB/JIC   |     |
| 12   | 2220372     | 10  | Fitting, Straight ORB/JIC   |     |
| 13   | 2754055     | 1   | Hose                        |     |
| 14   | 1001109688  | 2   | Hose                        |     |
| 15   | 2753364     | 1   | Hose                        |     |
| 16   | 2753276     | 2   | Hose                        |     |
| 17   | 2753279     | 2   | Hose                        |     |
| 18   | 1001109683  | 1   | Hose                        |     |
| 19   | 1001112946  | 2   | Hose                        |     |
| 20   | 1001109686  | 2   | Hose                        |     |
| 21   | 1001109687  | 2   | Hose                        |     |
| 22   | 2752999     | 3   | Hose                        |     |
| 23   | 1001109682  | 1   | Hose                        |     |
| 24   | 2752613     | 1   | Hose                        |     |
| 25   | 2753137     | 1   | Hose                        |     |
| 26   | 2753136     | 1   | Hose                        |     |
| 27   | 1001109690  | 1   | Hose                        |     |
| 28   | 2753812     | 2   | Hose                        |     |
| 29   | 1001112947  | 1   | Hose                        |     |
| 30   | 1001160232  | 1   | Hose                        |     |
| 31   | 1320030     | 1   | Clamp                       |     |
| 32   | 2221086     | 1   | Fitting, Test               |     |
| 33   | 1001112948  | 6   | Hose                        |     |
| 34   | 2752473     | 1   | Hose                        |     |
| 35   | 2221048     | 2   | Fitting, 90 ORB/JIC         |     |
| 36   | 4100026     | AR  | Sleeve, Nylon               |     |
| 37   | 1702124     | 1   | Hose Tags (Not shown)       |     |





SECTION 6 - HYDRAULIC

FIGURE 6-3. HYDRAULIC DIAGRAM LIST

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                            | REV |
|------|-------------|-----|----------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |             | Ref | Note: Diagrams not shown are available from JLG Service/Parts Departments. Schematics are shown in the Service and Maintenance Manual. |     |
|      |             | Ref | HYDRAULIC DIAGRAM LIST                                                                                                                 |     |
|      |             | Ref | Hydraulic Diagram:                                                                                                                     |     |
|      | 1001178380  | Ref | Hydraulic Diagram - E300AJ                                                                                                             |     |
|      | 1001178381  | Ref | Hydraulic Diagram - E300AJP                                                                                                            |     |
|      | 1001179242  | Ref | Hydraulic Schematic                                                                                                                    |     |

**SECTION 7 - ELECTRICAL**

SECTION 7 - ELECTRICAL

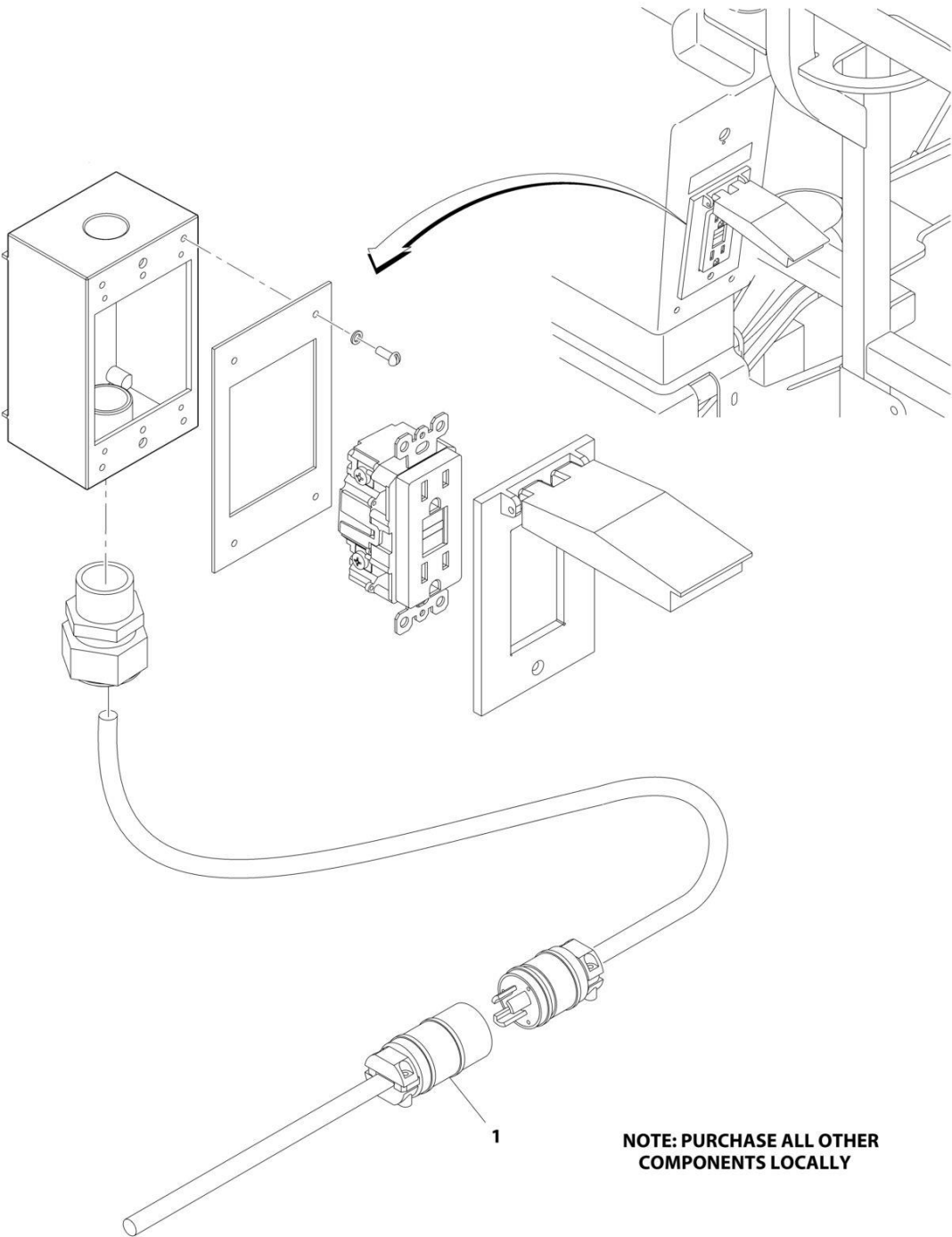
FIGURE 7-1. ELECTRICAL DIAGRAM LIST

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                     | REV |
|------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------|-----|
|      |             | Ref | Note: Diagrams not shown are available from the JLG Service Department. Schematics shown in the Service and Maintenance Manual. |     |
|      |             | Ref | ELECTRICAL DIAGRAM LIST                                                                                                         |     |
|      | 1001179394  | Ref | Electrical Schematic                                                                                                            |     |



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FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - LOCALLY SUPPLIED COMPONENTS (ANSI EXPORT, AUSTRALIAN AND CE SPECS)



NOTE: PURCHASE ALL OTHER COMPONENTS LOCALLY

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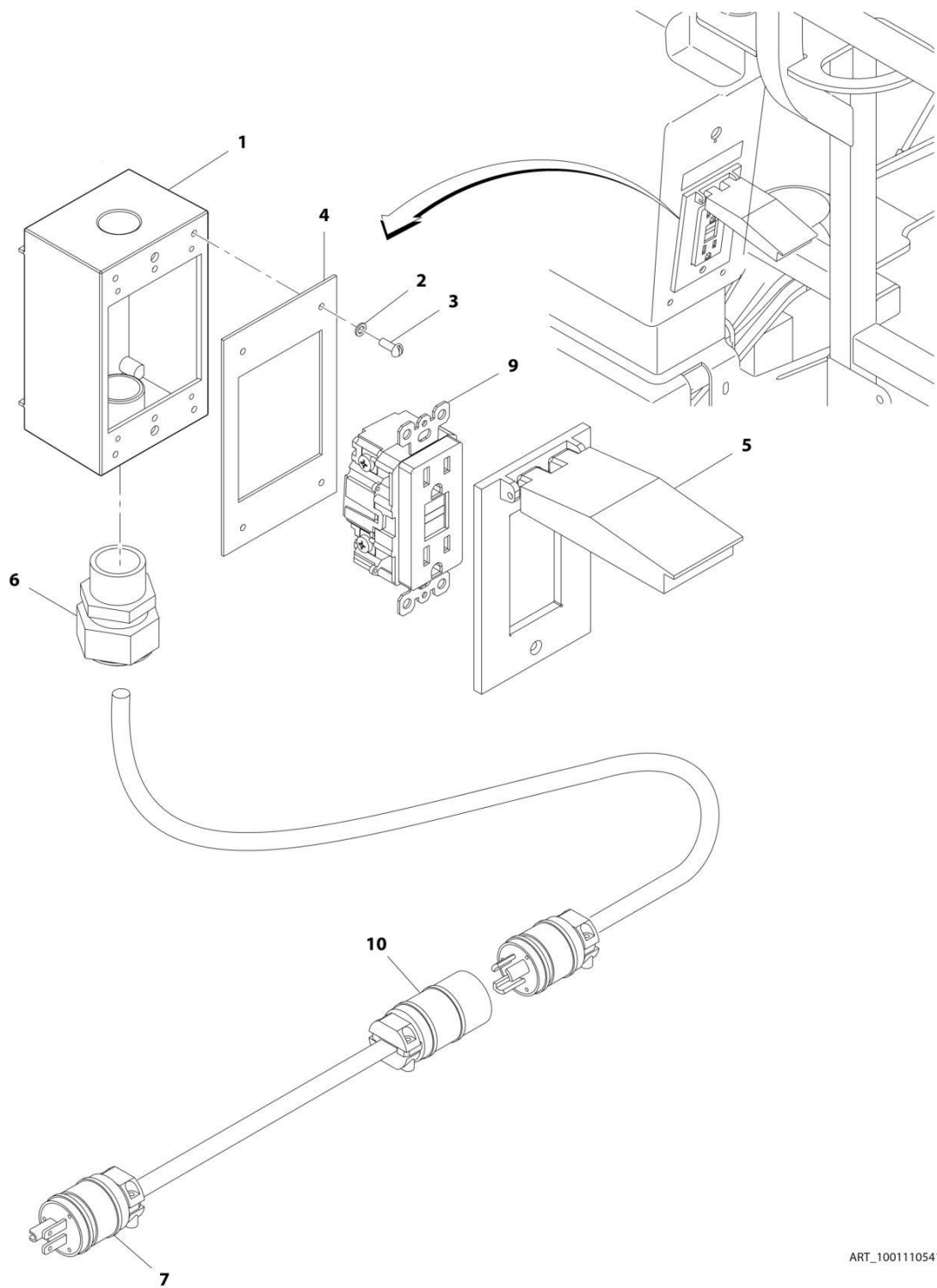
## SECTION 7 - ELECTRICAL

**FIGURE 7-2. AC BOX AT PLATFORM INSTALLATION - LOCALLY SUPPLIED COMPONENTS (ANSI EXPORT, AUSTRALIAN AND CE SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                   | REV |
|------|-------------|-----|---------------------------------------------------------------|-----|
|      | 1001110542  | Ref | AC BOX AT PLATFORM INSTALLATION - LOCALLY SUPPLIED COMPONENTS | A   |
| 1    | 4460710     | 1   | Receptacle, Female                                            |     |

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FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 110V (ANSI, ANSI EXPORT, CSA, JAPANESE AND UL SPECS)



ART\_1001110541



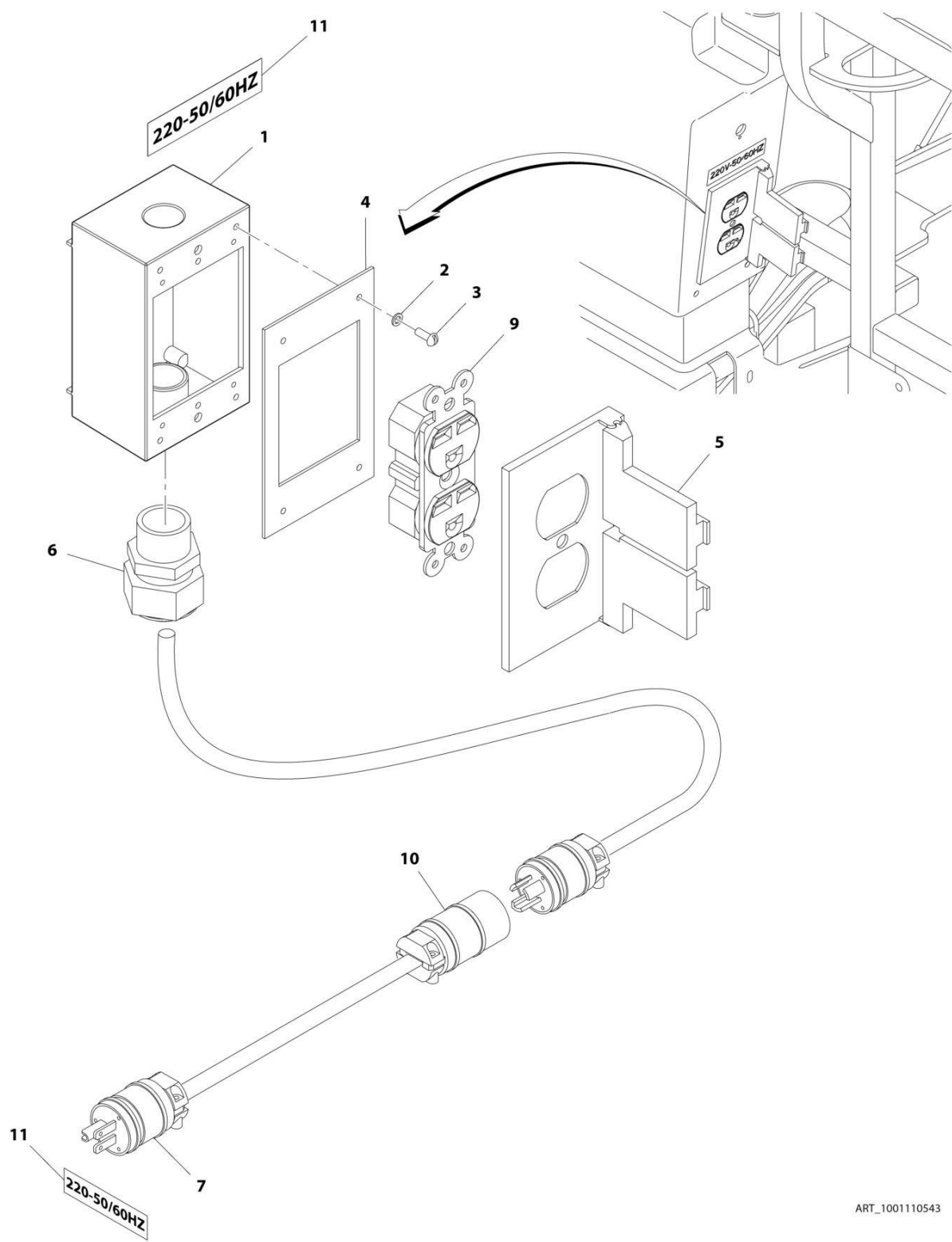
## SECTION 7 - ELECTRICAL

**FIGURE 7-3. AC BOX AT PLATFORM INSTALLATION - 110V (ANSI, ANSI EXPORT, CSA, JAPANESE AND UL SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                            | REV |
|------|-------------|-----|----------------------------------------|-----|
|      | 1001110541  | Ref | AC BOX AT PLATFORM INSTALLATION - 110V | B   |
| 1    | 0860038     | 1   | Box, Switch                            |     |
| 2    | 4760600     | 4   | Washer #6                              |     |
| 3    | 3910610     | 4   | Screw #6 x 5/8                         |     |
| 4    | 3960422     | 1   | Gasket                                 |     |
| 5    | 1001110873  | 1   | Shield, Cover                          |     |
| 6    | 4460071     | 1   | Connector, Strain Relief               |     |
| 7    | 4460205     | 1   | Plug, Male                             |     |
| 9    | 4460346     | 1   | Receptacle                             |     |
| 10   | 4460710     | 1   | Receptacle, Female                     |     |

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FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - ANSI AND CSA SPECS



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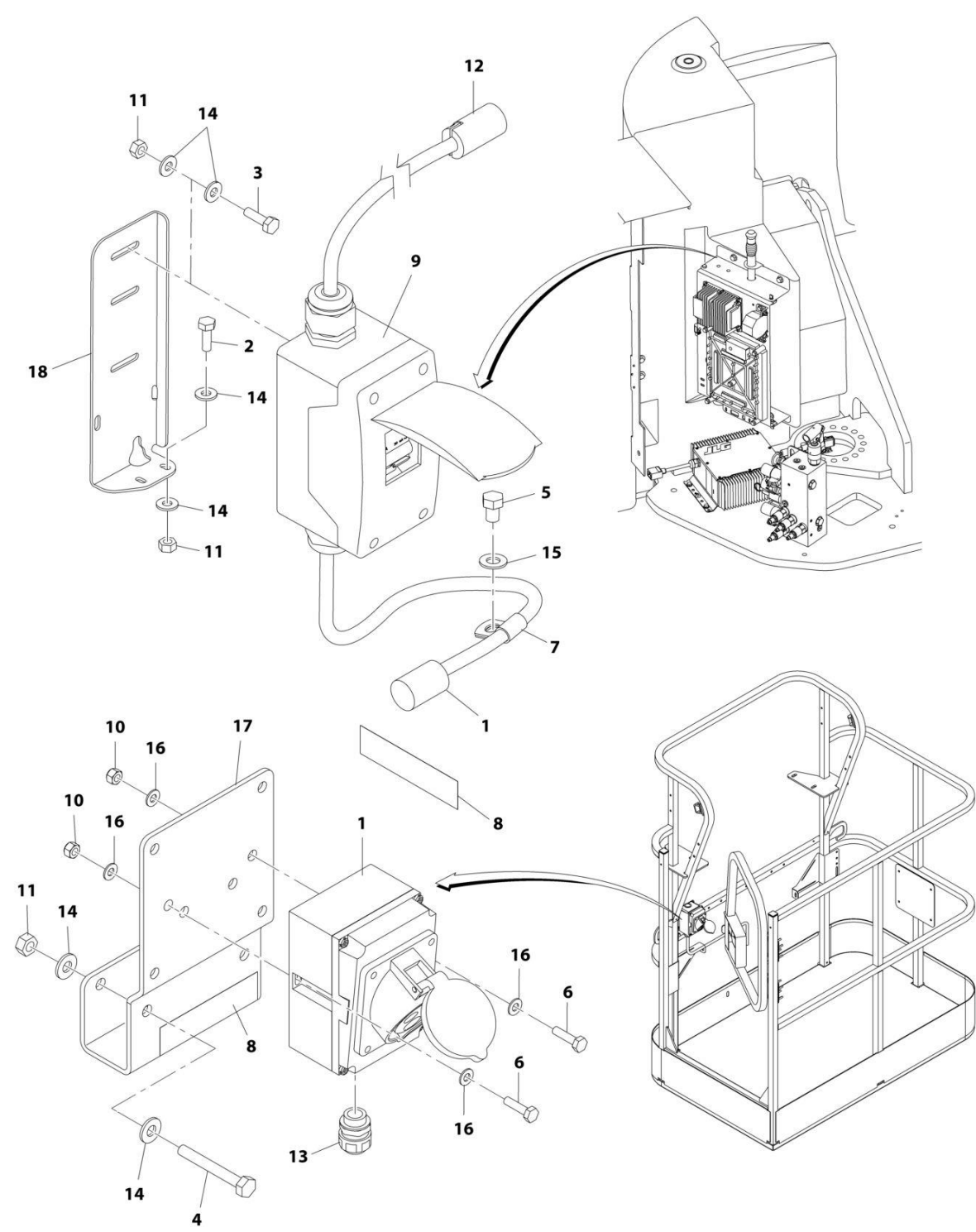
## SECTION 7 - ELECTRICAL

**FIGURE 7-4. AC BOX AT PLATFORM INSTALLATION - ANSI AND CSA SPECS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001110543  | Ref | AC BOX AT PLATFORM INSTALLATION | B   |
| 1    | 0860038     | 1   | Box, Switch                     |     |
| 2    | 4760600     | 4   | Washer #6                       |     |
| 3    | 3910610     | 4   | Screw #6 x 5/8                  |     |
| 4    | 3960422     | 1   | Gasket                          |     |
| 5    | 4060092     | 1   | Shield, Cover                   |     |
| 6    | 4460071     | 1   | Connector, Strain Relief        |     |
| 7    | 4460233     | 1   | Plug, Male                      |     |
| 9    | 4460125     | 1   | Receptacle                      |     |
| 10   | 4460710     | 1   | Receptacle, Female              |     |
| 11   | 3252507     | 1   | Decal - 220V-50/60Hz            |     |

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FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)



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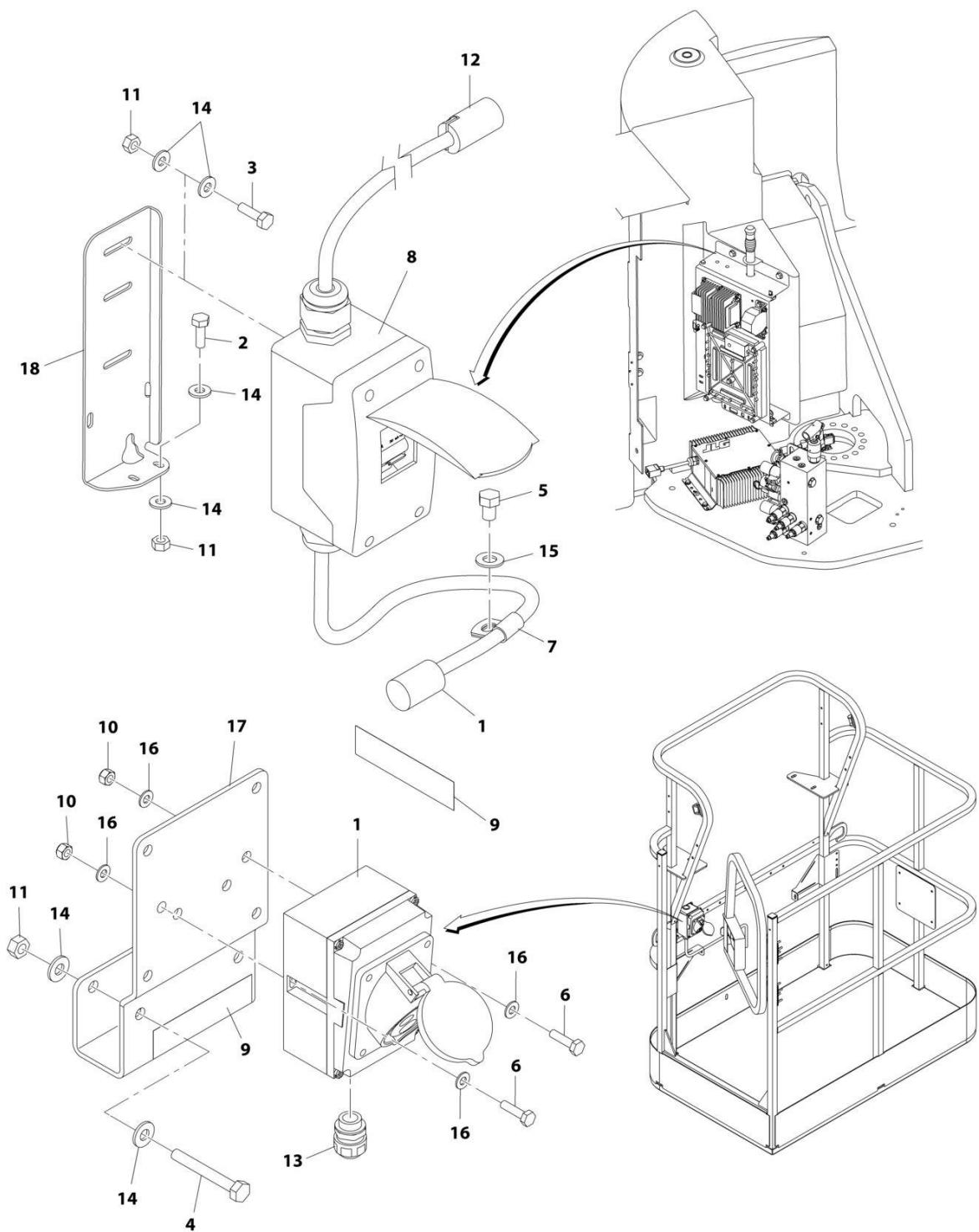
## SECTION 7 - ELECTRICAL

**FIGURE 7-5. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001198374  | Ref | AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE SPEC)         | A   |
| 1    | 0275216     | 1   | Receptacle Box Kit (See Separate Breakdown in this Section)         |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                                                      |     |
| 3    | 0641407     | 2   | Bolt 1/4 x 7/8                                                      |     |
| 4    | 0641416     | 2   | Bolt 1/4 x 2                                                        |     |
| 5    | 0641604     | 1   | Bolt 3/8 x 1/2                                                      |     |
| 6    | 0700408     | 2   | Bolt M4 x 16                                                        |     |
| 7    | 1320263     | 1   | Clamp                                                               |     |
| 8    | 1705325     | 2   | Decal - 120V-50Hz                                                   |     |
| 9    | 2902549     | 1   | Breaker Box Kit - CE Specs (See Separate Breakdown in this Section) |     |
| 10   | 3290405     | 2   | Nut M4                                                              |     |
| 11   | 3311405     | 6   | Nut 1/4                                                             |     |
| 12   | 4460710     | 1   | Receptacle, Female                                                  |     |
| 13   | 4460968     | 1   | Connector, Strain Relief                                            |     |
| 14   | 4711400     | 12  | Washer                                                              |     |
| 15   | 4751600     | 1   | Washer 3/8                                                          |     |
| 16   | 4811400     | 4   | Washer M4                                                           |     |
| 17   | 1001193018  | 1   | Bracket                                                             |     |
| 18   | 1001197584  | 1   | Bracket                                                             |     |

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FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)



ART\_1001198375

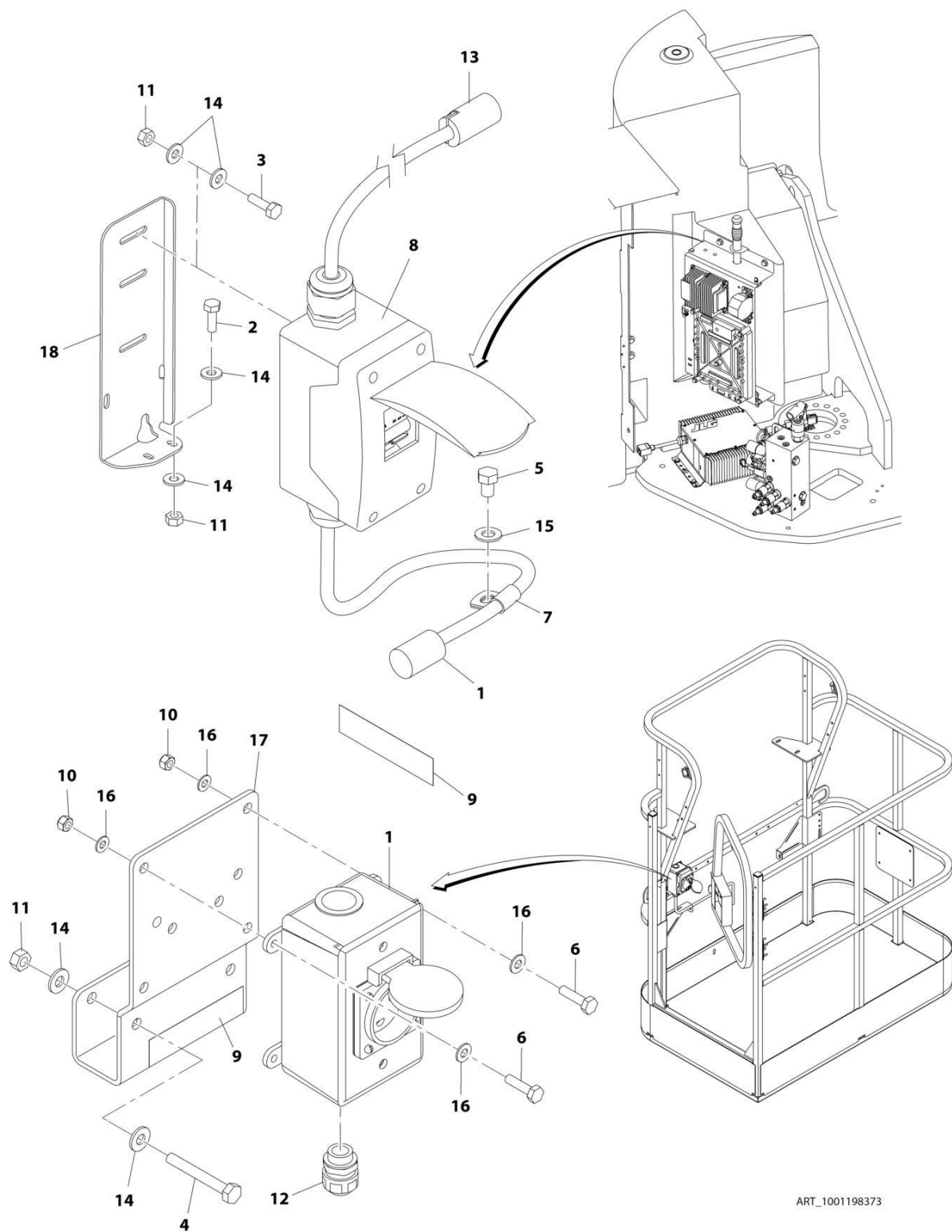
## SECTION 7 - ELECTRICAL

**FIGURE 7-6. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001198375  | Ref | AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE SPEC)           | A   |
| 1    | 0275217     | 1   | Receptacle Box Kit (See Separate Breakdown in this Section)         |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                                                      |     |
| 3    | 0641407     | 2   | Bolt 1/4 x 7/8                                                      |     |
| 4    | 0641416     | 2   | Bolt 1/4 x 2                                                        |     |
| 5    | 0641604     | 1   | Bolt 3/8 x 1/2                                                      |     |
| 6    | 0700408     | 2   | Bolt M4 x 16                                                        |     |
| 7    | 1320263     | 1   | Clamp                                                               |     |
| 8    | 2902549     | 1   | Breaker Box Kit - CE Specs (See Separate Breakdown in this Section) |     |
| 9    | 3252507     | 2   | Decal - 220V-50/60Hz                                                |     |
| 10   | 3290405     | 2   | Nut M4                                                              |     |
| 11   | 3311405     | 6   | Nut 1/4                                                             |     |
| 12   | 4460710     | 1   | Receptacle, Female                                                  |     |
| 13   | 4460968     | 1   | Connector, Strain Relief                                            |     |
| 14   | 4711400     | 12  | Washer                                                              |     |
| 15   | 4751600     | 1   | Washer 3/8                                                          |     |
| 16   | 4811400     | 4   | Washer M4                                                           |     |
| 17   | 1001193018  | 1   | Bracket                                                             |     |
| 18   | 1001197584  | 1   | Bracket                                                             |     |

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FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 KEYED GROUND (CE SPEC)



ART\_1001198373



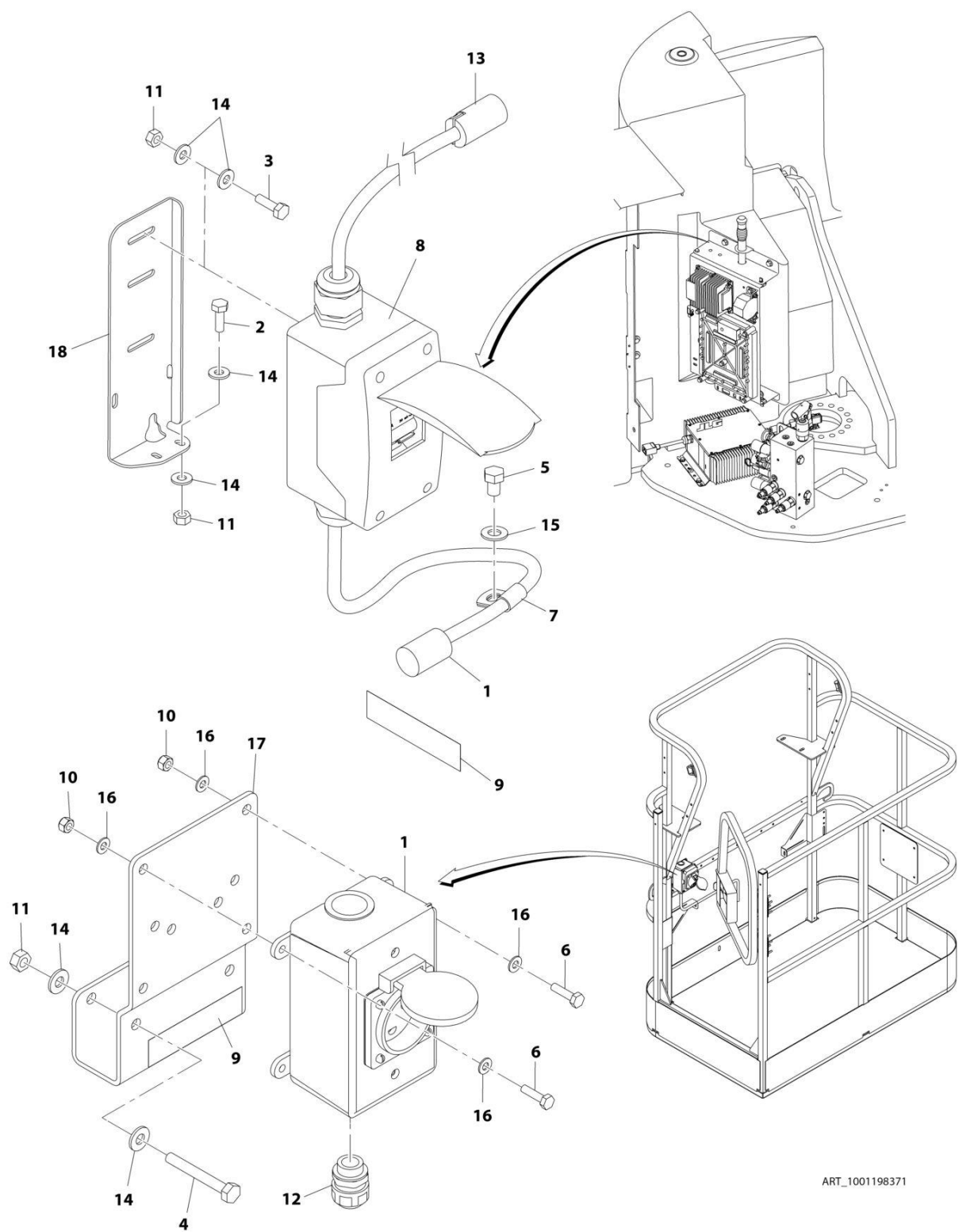
## SECTION 7 - ELECTRICAL

**FIGURE 7-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 KEYED GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                | REV |
|------|-------------|-----|----------------------------------------------------------------------------|-----|
|      | 1001198373  | Ref | AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107<br>KEYED GROUND (CE SPEC) | A   |
| 1    | 0275454     | 1   | Receptacle Box Kit (See Separate Breakdown in this Section)                |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                                                             |     |
| 3    | 0641407     | 2   | Bolt 1/4 x 7/8                                                             |     |
| 4    | 0641416     | 2   | Bolt 1/4 x 2                                                               |     |
| 5    | 0641604     | 1   | Bolt 3/8 x 1/2                                                             |     |
| 6    | 0700408     | 4   | Bolt M4 x 16                                                               |     |
| 7    | 1320263     | 1   | Clamp                                                                      |     |
| 8    | 2902549     | 1   | Breaker Box Kit - CE Specs (See Separate Breakdown in this<br>Section)     |     |
| 9    | 3252507     | 2   | Decal - 220V-50/60Hz                                                       |     |
| 10   | 3290405     | 4   | Nut M4                                                                     |     |
| 11   | 3311405     | 6   | Nut 1/4                                                                    |     |
| 12   | 4460662     | 1   | Connector, Strain Relief                                                   |     |
| 13   | 4460710     | 1   | Receptacle, Female                                                         |     |
| 14   | 4711400     | 12  | Washer                                                                     |     |
| 15   | 4751600     | 1   | Washer 3/8                                                                 |     |
| 16   | 4811400     | 8   | Washer M4                                                                  |     |
| 17   | 1001193018  | 1   | Bracket                                                                    |     |
| 18   | 1001197584  | 1   | Bracket                                                                    |     |

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FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPEC)



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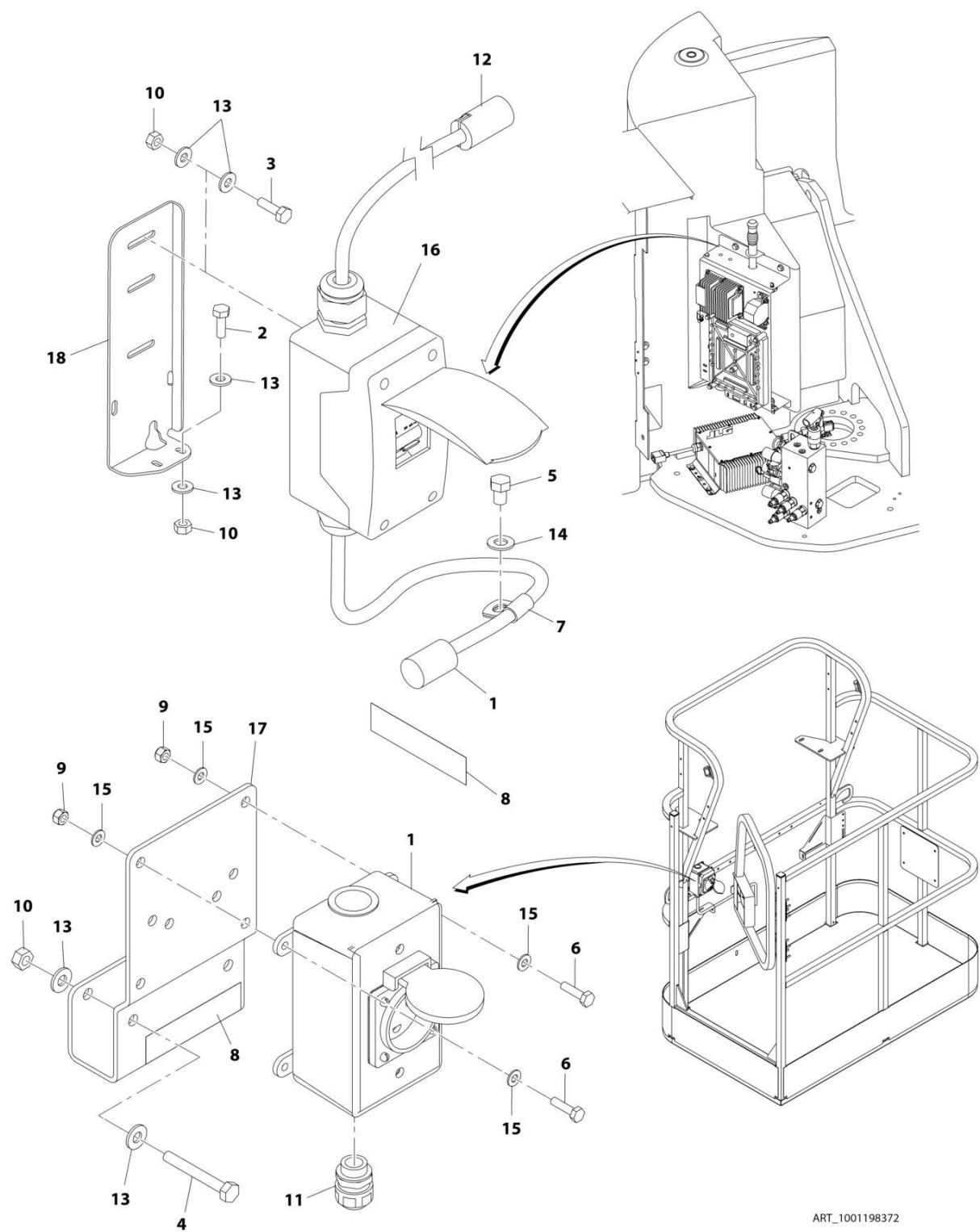
## SECTION 7 - ELECTRICAL

**FIGURE 7-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001198371  | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (CE SPEC)   | A   |
| 1    | 0275452     | 1   | Receptacle Box Kit (See Separate Breakdown in this Section)         |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                                                      |     |
| 3    | 0641407     | 2   | Bolt 1/4 x 7/8                                                      |     |
| 4    | 0641416     | 2   | Bolt 1/4 x 2                                                        |     |
| 5    | 0641604     | 1   | Bolt 3/8 x 1/2                                                      |     |
| 6    | 0700408     | 4   | Bolt M4 x 16                                                        |     |
| 7    | 1320263     | 1   | Clamp                                                               |     |
| 8    | 2902549     | 1   | Breaker Box Kit - CE Specs (See Separate Breakdown in this Section) |     |
| 9    | 3252507     | 2   | Decal - 220V-50/60Hz                                                |     |
| 10   | 3290405     | 4   | Nut M4                                                              |     |
| 11   | 3311405     | 6   | Nut 1/4                                                             |     |
| 12   | 4460662     | 1   | Connector, Strain Relief                                            |     |
| 13   | 4460710     | 1   | Receptacle, Female                                                  |     |
| 14   | 4711400     | 12  | Washer                                                              |     |
| 15   | 4751600     | 1   | Washer 3/8                                                          |     |
| 16   | 4811400     | 8   | Washer M4                                                           |     |
| 17   | 1001193018  | 1   | Bracket                                                             |     |
| 18   | 1001197584  | 1   | Bracket                                                             |     |

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FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC)



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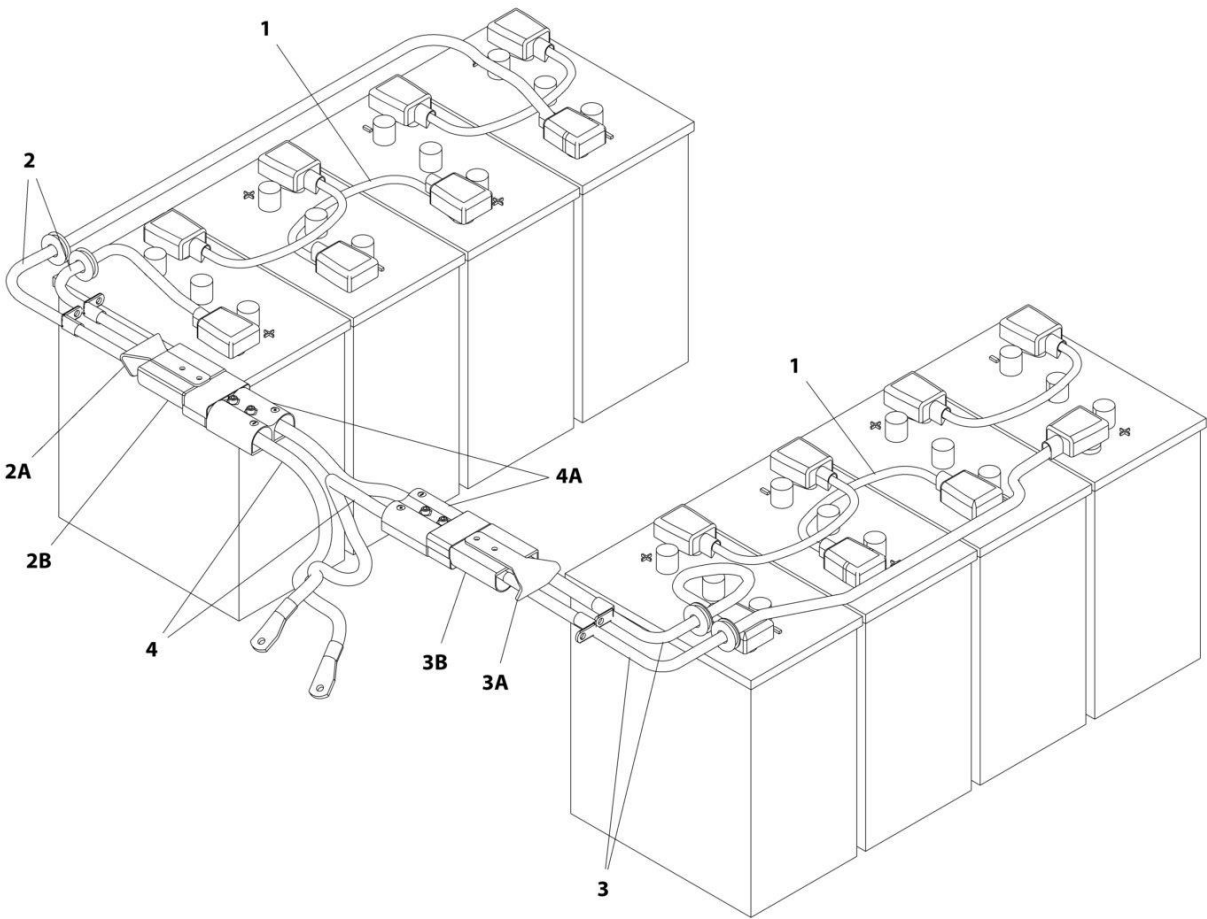
## SECTION 7 - ELECTRICAL

**FIGURE 7-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                         | REV |
|------|-------------|-----|---------------------------------------------------------------------|-----|
|      | 1001198372  | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (CE SPEC)   | A   |
| 1    | 0275453     | 1   | Receptacle Box Kit (See Separate Breakdown in this Section)         |     |
| 2    | 0641406     | 2   | Bolt 1/4 x 3/4                                                      |     |
| 3    | 0641407     | 2   | Bolt 1/4 x 7/8                                                      |     |
| 4    | 0641416     | 2   | Bolt 1/4 x 2                                                        |     |
| 5    | 0641604     | 1   | Bolt 3/8 x 1/2                                                      |     |
| 6    | 0700408     | 4   | Bolt M4 x 16                                                        |     |
| 7    | 1320263     | 1   | Clamp                                                               |     |
| 8    | 3252507     | 2   | Decal - 220V-50/60Hz                                                |     |
| 9    | 3290405     | 4   | Nut M4                                                              |     |
| 10   | 3311405     | 6   | Nut 1/4                                                             |     |
| 11   | 4460662     | 1   | Connector, Strain Relief                                            |     |
| 12   | 4460710     | 1   | Receptacle, Female                                                  |     |
| 13   | 4711400     | 12  | Washer                                                              |     |
| 14   | 4751600     | 1   | Washer 3/8                                                          |     |
| 15   | 4811400     | 8   | Washer M4                                                           |     |
| 16   | 2902549     | 1   | Breaker Box Kit - CE Specs (See Separate Breakdown in this Section) |     |
| 17   | 1001193018  | 1   | Bracket                                                             |     |
| 18   | 1001197584  | 1   | Bracket                                                             |     |

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FIGURE 7-10. BATTERY CABLE KIT - 305AH BATTERIES



ART\_1001194946

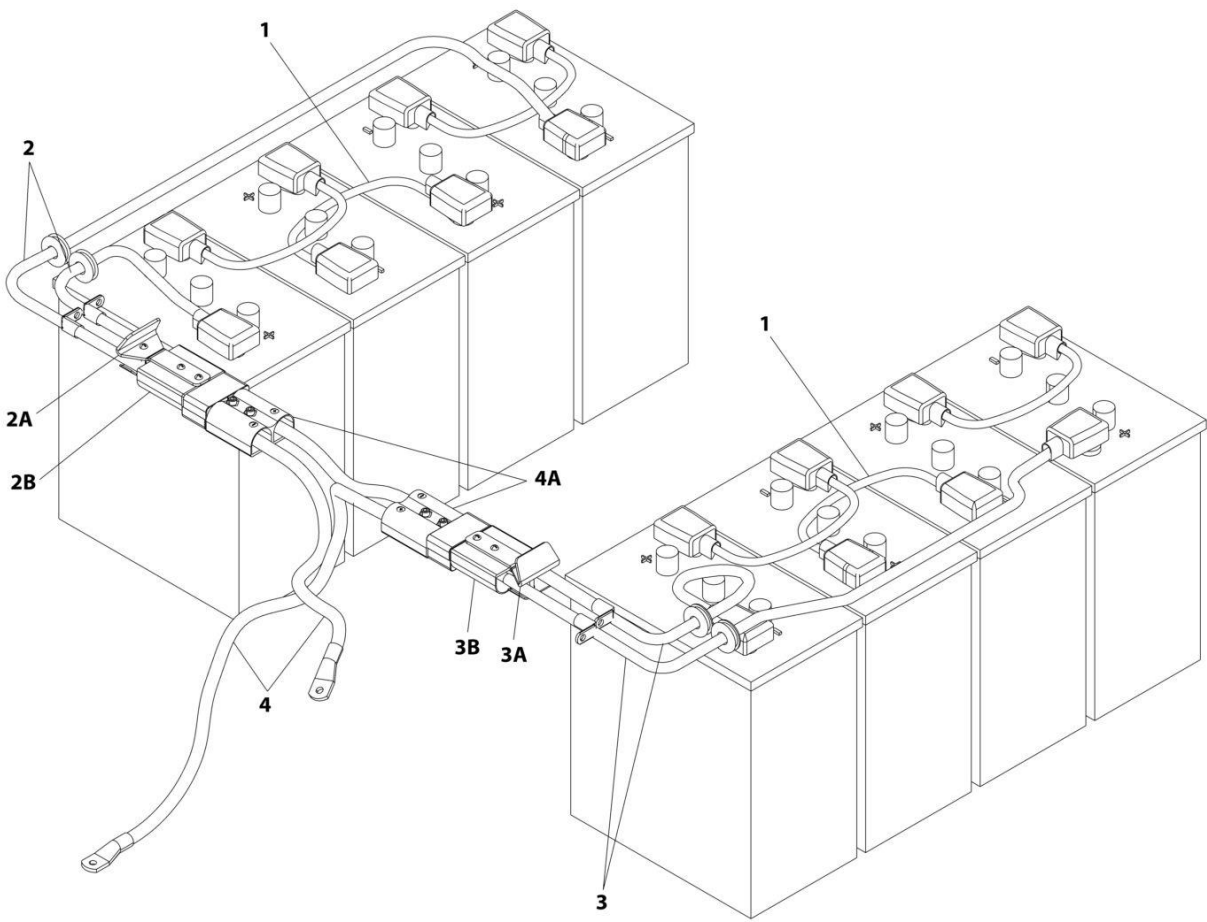
## SECTION 7 - ELECTRICAL

**FIGURE 7-10. BATTERY CABLE KIT - 305AH BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                           | REV |
|------|-------------|-----|---------------------------------------|-----|
|      | 1001194946  | Ref | BATTERY CABLE KIT - 305AH BATTERIES   | D   |
| 1    | 1001109833  | 6   | Cable, Battery - Positive to Negative |     |
| 2    | 1001110030  | 1   | Cable, Left Battery Box               |     |
| 2A   | 1320172     | 1   | Handle                                |     |
| 2B   | 4460025     | 1   | Connector, Anderson                   |     |
| 3    | 1001110066  | 1   | Cable, Right Battery Box              |     |
| 3A   | 1320172     | 1   | Handle                                |     |
| 3B   | 4460025     | 1   | Connector, Anderson                   |     |
| 4    | 1001181412  | 1   | Cable, Battery                        |     |
| 4A   | 4460025     | 2   | Connector, Anderson                   |     |

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FIGURE 7-11. BATTERY CABLE KIT - 305AH BATTERIES (UL SPECS) (SN 0300226252 through 0300272206)



ART\_1001212376



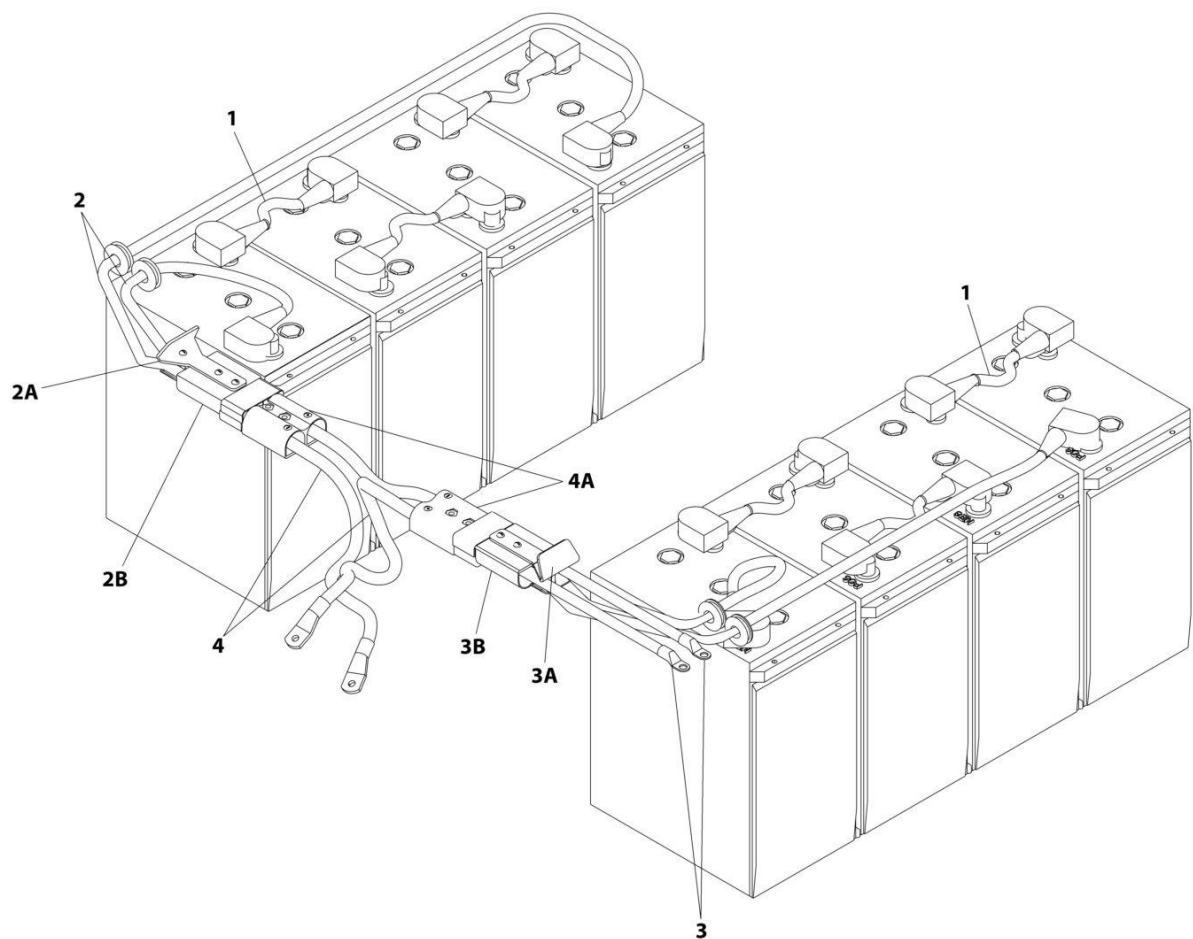
## SECTION 7 - ELECTRICAL

**FIGURE 7-11. BATTERY CABLE KIT - 305AH BATTERIES (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                    | REV |
|------|-------------|-----|------------------------------------------------|-----|
|      | 1001212376  | Ref | BATTERY CABLE KIT - 305AH BATTERIES (UL SPECS) | A   |
| 1    | 1001109833  | 6   | Cable, Battery - Positive to Negative          |     |
| 2    | 1001110030  | 1   | Cable, Left Battery Box                        |     |
| 2A   | 1320172     | 1   | Handle                                         |     |
| 2B   | 4460025     | 1   | Connector, Anderson                            |     |
| 3    | 1001110066  | 1   | Cable, Right Battery Box                       |     |
| 3A   | 1320172     | 1   | Handle                                         |     |
| 3B   | 4460025     | 1   | Connector, Anderson                            |     |
| 4    | 1001212374  | 1   | Cable, Battery                                 |     |
| 4A   | 4460025     | 2   | Connector, Anderson                            |     |

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FIGURE 7-12. BATTERY CABLE KIT - 305AH AGM BATTERIES



ART\_1001194945

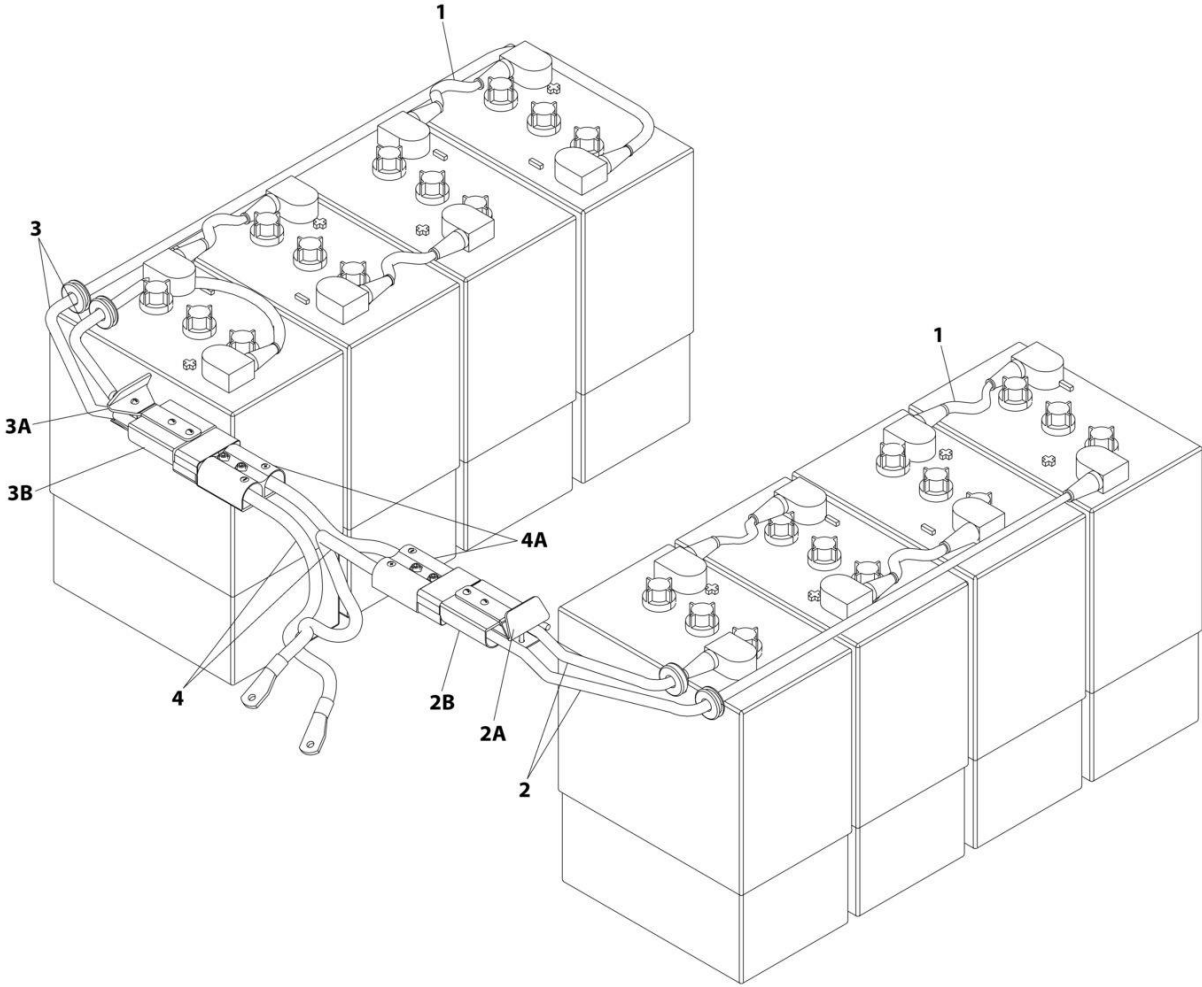
## SECTION 7 - ELECTRICAL

**FIGURE 7-12. BATTERY CABLE KIT - 305AH AGM BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                             | REV |
|------|-------------|-----|-----------------------------------------|-----|
|      | 1001194945  | Ref | BATTERY CABLE KIT - 305AH AGM BATTERIES | D   |
| 1    | 1060092     | 6   | Cable, Battery - Positive to Negative   |     |
| 2    | 1060743     | 1   | Cable, Left Battery Box                 |     |
| 2A   | 1320172     | 1   | Handle                                  |     |
| 2B   | 4460025     | 1   | Connector, Anderson                     |     |
| 3    | 1001116018  | 1   | Cable, Right Battery Box                |     |
| 3A   | 1320172     | 1   | Handle                                  |     |
| 3B   | 4460025     | 1   | Connector, Anderson                     |     |
| 4    | 1001181412  | 1   | Cable, Battery                          |     |
| 4A   | 4460025     | 2   | Connector, Anderson                     |     |

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FIGURE 7-13. BATTERY CABLE KIT - 375AH/706HD BATTERIES



ART\_1001194947

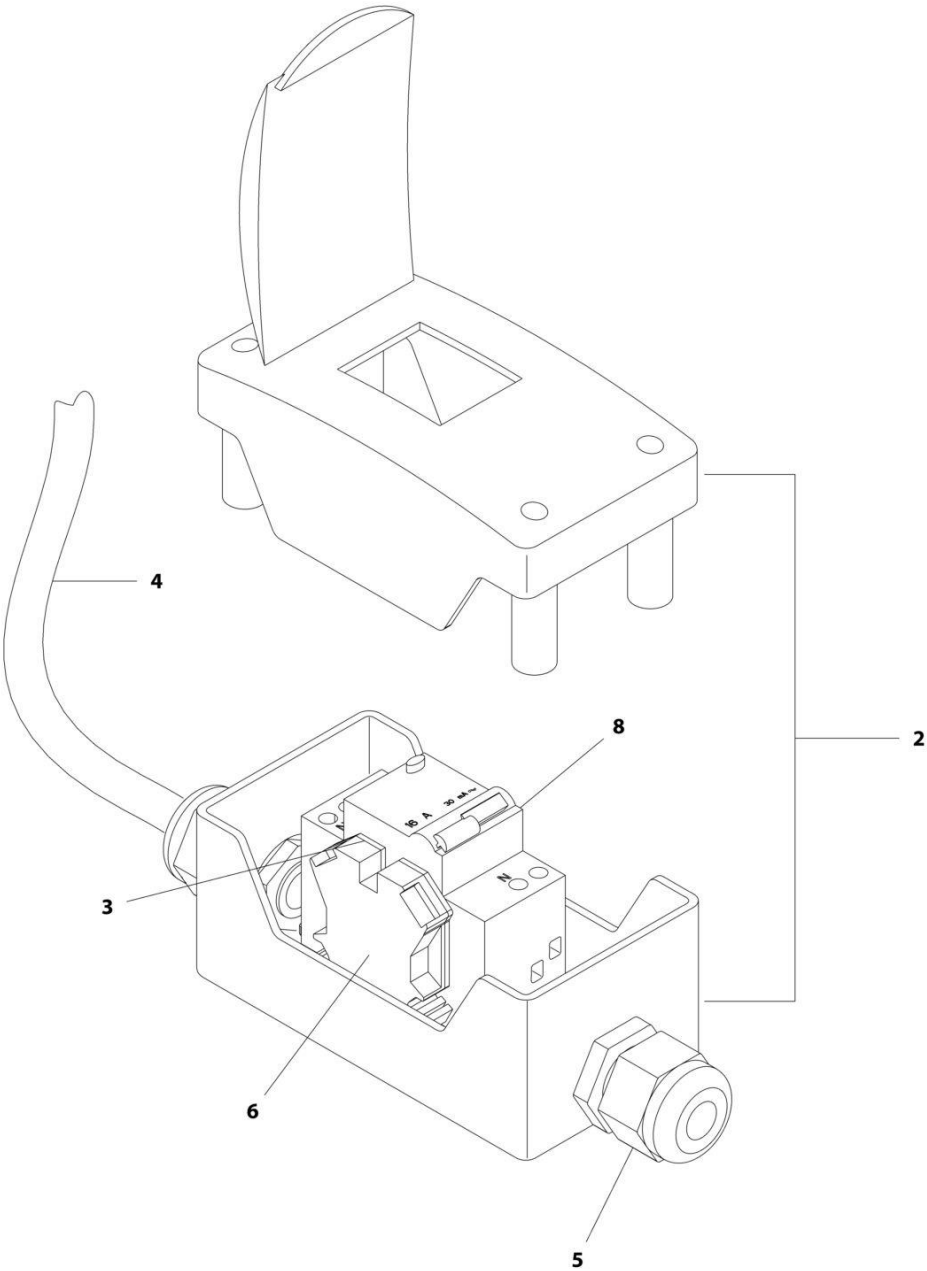
## SECTION 7 - ELECTRICAL

**FIGURE 7-13. BATTERY CABLE KIT - 375AH/706HD BATTERIES**

| ITEM | PART NUMBER | QTY | DESCRIPTION                               | REV |
|------|-------------|-----|-------------------------------------------|-----|
|      | 1001194947  | Ref | BATTERY CABLE KIT - 375AH/706HD BATTERIES | D   |
| 1    | 1060092     | 6   | Cable, Battery - Positive to Negative     |     |
| 2    | 1060742     | 1   | Cable, Right Battery Box                  |     |
| 2A   | 1320172     | 1   | Handle                                    |     |
| 2B   | 4460025     | 1   | Connector, Anderson                       |     |
| 3    | 1060743     | 1   | Cable, Left Battery Box                   |     |
| 3A   | 1320172     | 1   | Handle                                    |     |
| 3B   | 4460025     | 1   | Connector, Anderson                       |     |
| 4    | 1001181412  | 1   | Cable, Battery                            |     |
| 4A   | 4460025     | 2   | Connector, Anderson                       |     |

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FIGURE 7-14. BREAKER BOX KIT - CE SPEC



ART\_2902549

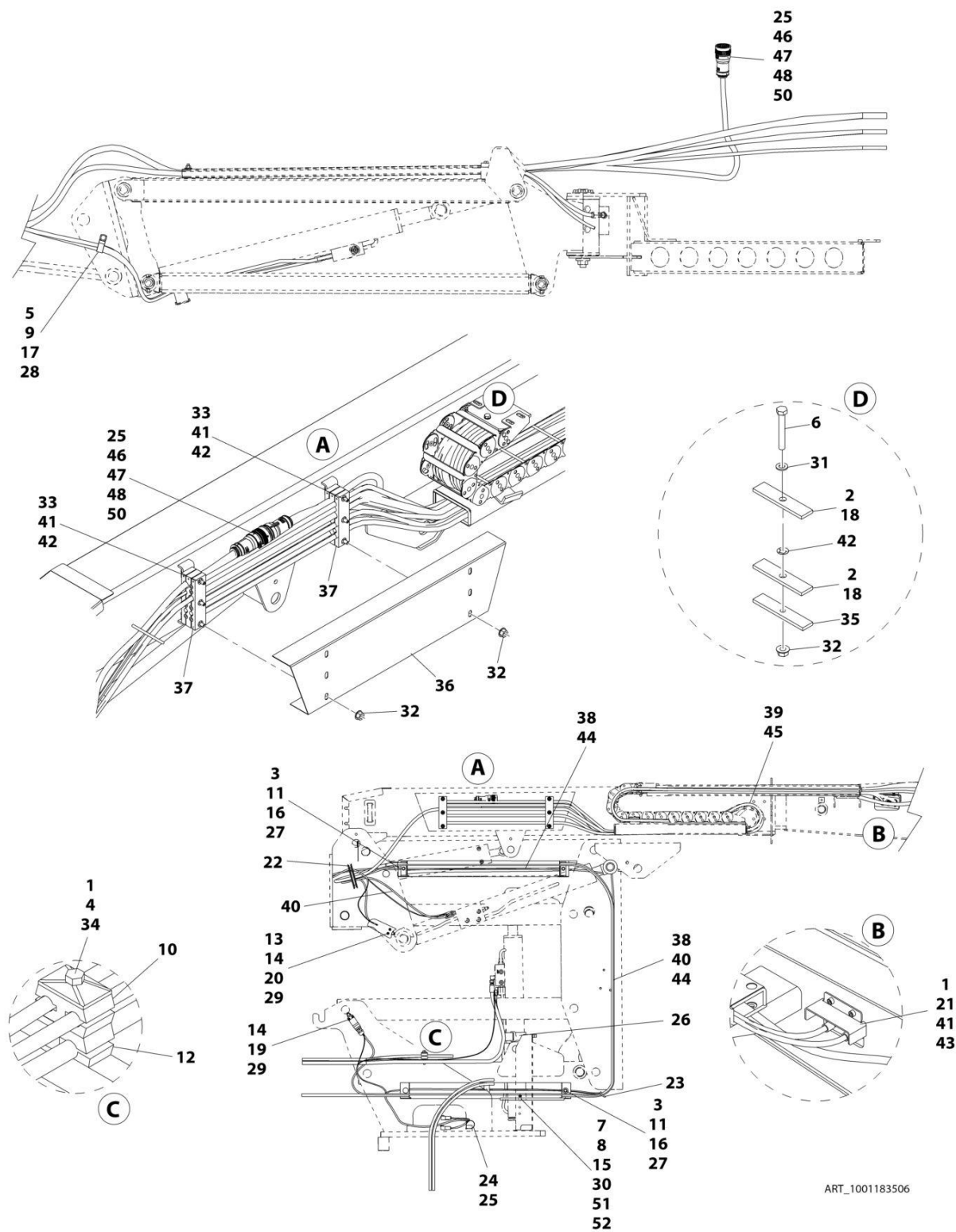
## SECTION 7 - ELECTRICAL

**FIGURE 7-14. BREAKER BOX KIT - CE SPEC**

| ITEM | PART NUMBER | QTY       | DESCRIPTION                   | REV |
|------|-------------|-----------|-------------------------------|-----|
|      | 2902549     | Ref       | BREAKER BOX KIT - CE SPEC     | F   |
| 2    | 0861880     | 1         | Box                           |     |
| 3    | 4460956     | 1         | Barrier, Terminal             |     |
| 4    | 1060908     | 6 ft/1.8m | Cable, 12/3                   |     |
| 5    | 1001097150  | 2         | Connector, Strain Relief      |     |
| 6    | 4460957     | 1         | Block, Terminal               |     |
| 8    | 1001181045  | 1         | Breaker, Circuit 16Amp/30mAmp |     |

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FIGURE 7-15. BOOM CABLES AND CLAMPS INSTALLATION - E300AJ





## SECTION 7 - ELECTRICAL

**FIGURE 7-15. BOOM CABLES AND CLAMPS INSTALLATION - E300AJ**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                  | REV |
|------|-------------|-----|------------------------------------------------------------------------------|-----|
|      | 1001183506  | Ref | BOOM CABLES AND CLAMPS INSTALLATION - E300AJ                                 | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                            |     |
| 2    | 0100081     | AR  | Adhesive                                                                     |     |
| 3    | 0641416     | 6   | Bolt 1/4 x 2                                                                 |     |
| 3    | 0641418     | 6   | Bolt 1/4 x 2-1/4                                                             |     |
| 4    | 0641511     | 1   | Bolt 5/16 x 1-3/8                                                            |     |
| 4    | 0641520     | 1   | Bolt 5/16 x 2-1/2                                                            |     |
| 5    | 0641608     | 1   | Bolt 3/8 x 1                                                                 |     |
| 6    | 0700820     | 2   | Bolt M8 x 60                                                                 |     |
| 7    | 0721006     | 1   | Screw #10 x 3/4                                                              |     |
| 8    | 1320043     | 1   | Clamp (SN 0300211844 through 0300221326)                                     |     |
| 9    | 1320130     | 1   | Clamp                                                                        |     |
| 10   | 1320159     | 1   | Clamp                                                                        |     |
| 11   | 1320261     | 6   | Clamp                                                                        |     |
| 12   | 1320262     | 1   | Clamp                                                                        |     |
| 13   | 1670899     | 1   | Cover, Switch                                                                |     |
| 14   | 3310805     | 4   | Nut #8                                                                       |     |
| 15   | 3311005     | 1   | Nut #10                                                                      |     |
| 16   | 3311405     | 6   | Nut 1/4                                                                      |     |
| 17   | 3311605     | 1   | Nut 3/8                                                                      |     |
| 18   | 3340939     | 4   | Pad, Rubber                                                                  |     |
| 19   | 3930820     | 2   | Capscrew #8 x 1-1/4                                                          |     |
| 20   | 3930828     | 2   | Capscrew #8 x 1-3/4                                                          |     |
| 21   | 4031908     | 2   | Capscrew M8 x 20                                                             |     |
| 22   | 4060808     | AR  | Flex-Trim                                                                    |     |
| 23   | 4100066     | 2   | Sleeve                                                                       |     |
| 24   | 4240018     | AR  | Strap                                                                        |     |
| 25   | 4240033     | AR  | Tie-Wire                                                                     |     |
| 26   | 4240156     | 2   | Strap, Cinch                                                                 |     |
| 27   | 4711400     | 6   | Washer 1/4                                                                   |     |
| 28   | 4711600     | 2   | Washer 3/8                                                                   |     |
| 29   | 4750800     | 4   | Washer #8                                                                    |     |
| 30   | 4751000     | 2   | Washer #10                                                                   |     |
| 31   | 4811900     | 2   | Washer M8                                                                    |     |
| 32   | 5260800     | 8   | Nut M8 Grade 10.9                                                            |     |
| 33   | 5281920     | 6   | Screw M8 x 80                                                                |     |
| 34   | 8750011     | 1   | Bolt (SN 0300211844 through 0300237351)                                      |     |
| 35   | 1001106757  | 2   | Plate, Clamp                                                                 |     |
| 36   | 1001107152  | 1   | Plate, Shield                                                                |     |
| 37   | 1001204216  | 2   | Clamp, Block                                                                 |     |
| 38   | 1001109756  | 1   | AC Cable - Tower Boom                                                        |     |
| 39   | 1001109757  | 1   | AC Cable - Main Boom                                                         |     |
| 39   | 4460709     | 1   | Plug, Male                                                                   |     |
| 40   | 1001183062  | 1   | Boom Valve and Limit Switch Harness (See Separate Breakdown in this Section) |     |
| 41   | 1001118274  | 8   | Nut M8                                                                       |     |
| 42   | 1001119228  | 8   | Nut, Push M8                                                                 |     |
| 43   | 1001122600  | 1   | Plate, Cover                                                                 |     |
| 44   | 1001183880  | 1   | Boom Harness - Tower Boom(See Separate Breakdown in this Section)            |     |

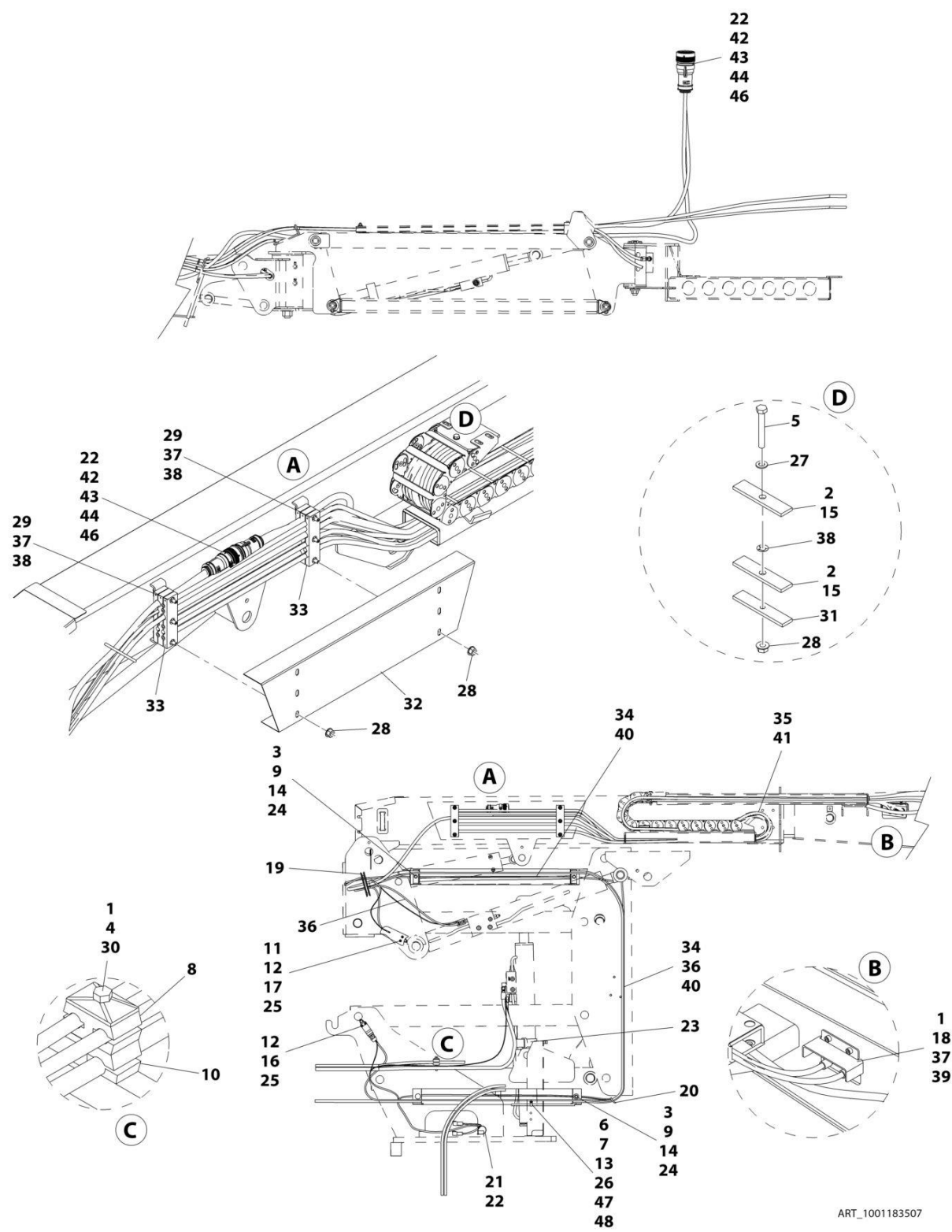
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| ITEM | PART NUMBER | QTY | DESCRIPTION                                                      | REV |
|------|-------------|-----|------------------------------------------------------------------|-----|
| 45   | 1001183881  | 1   | Boom Harness - Main Boom(See Separate Breakdown in this Section) |     |
| 46   | 1001188354  | 2   | Grommet                                                          |     |
| 47   | 1001188291  | 2   | Backshell                                                        |     |
| 48   | 1001188292  | 2   | Connector - 19 Position                                          |     |
| 50   | 4460466     | 8   | Plug, Terminal                                                   |     |
| 51   | 4240032     | 1   | Tie-Strap                                                        |     |
| 52   | 4460234     | 1   | Mount, Tie-Strap                                                 |     |



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FIGURE 7-16. BOOM CABLES AND CLAMPS INSTALLATION - E300AJP



ART\_1001183507

## SECTION 7 - ELECTRICAL

**FIGURE 7-16. BOOM CABLES AND CLAMPS INSTALLATION - E300AJP**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                  | REV |
|------|-------------|-----|------------------------------------------------------------------------------|-----|
|      | 1001183507  | Ref | BOOM CABLES AND CLAMPS INSTALLATION - E300AJP                                | E   |
| 1    | 0100011     | AR  | Compound, Locking                                                            |     |
| 2    | 0100081     | AR  | Adhesive                                                                     |     |
| 3    | 0641416     | 6   | Bolt 1/4 x 2                                                                 |     |
| 3    | 0641418     | 6   | Bolt 1/4 x 2-1/4                                                             |     |
| 4    | 0641511     | 1   | Bolt 5/16 x 1-3/8                                                            |     |
| 4    | 0641520     | 1   | Bolt 5/16 x 2-1/2                                                            |     |
| 5    | 0700820     | 2   | Bolt M8 x 60                                                                 |     |
| 6    | 0721006     | 1   | Screw #10 x 3/4                                                              |     |
| 7    | 1320043     | 1   | Clamp (SN 0300211844 through 0300221326)                                     |     |
| 8    | 1320159     | 1   | Clamp                                                                        |     |
| 9    | 1320261     | 6   | Clamp                                                                        |     |
| 10   | 1320262     | 1   | Clamp                                                                        |     |
| 11   | 1670899     | 1   | Cover, Switch                                                                |     |
| 12   | 3310805     | 4   | Nut #8                                                                       |     |
| 13   | 3311005     | 1   | Nut #10                                                                      |     |
| 14   | 3311405     | 6   | Nut 1/4                                                                      |     |
| 15   | 3340939     | 4   | Pad, Rubber                                                                  |     |
| 16   | 3930820     | 2   | Capscrew #8 x 1-1/4                                                          |     |
| 17   | 3930828     | 2   | Capscrew #8 x 1-3/4                                                          |     |
| 18   | 4031908     | 2   | Capscrew M8 x 20                                                             |     |
| 19   | 4060808     | AR  | Flex-Trim                                                                    |     |
| 20   | 4100066     | 2   | Sleeve                                                                       |     |
| 21   | 4240018     | AR  | Strap                                                                        |     |
| 22   | 4240033     | AR  | Tie-Wire                                                                     |     |
| 23   | 4240156     | 2   | Strap, Cinch                                                                 |     |
| 24   | 4711400     | 6   | Washer 1/4                                                                   |     |
| 25   | 4750800     | 4   | Washer #8                                                                    |     |
| 26   | 4751000     | 2   | Washer #10                                                                   |     |
| 27   | 4811900     | 2   | Washer M8                                                                    |     |
| 28   | 5260800     | 8   | Nut M8 Grade 10.9                                                            |     |
| 29   | 5281920     | 6   | Screw M8 x 80                                                                |     |
| 30   | 8750011     | 1   | Bolt (SN 0300211844 through 0300237351)                                      |     |
| 31   | 1001106757  | 2   | Plate, Clamp                                                                 |     |
| 32   | 1001107152  | 1   | Plate, Shield                                                                |     |
| 33   | 1001204216  | 2   | Clamp, Block                                                                 |     |
| 34   | 1001109756  | 1   | AC Cable - Tower Boom                                                        |     |
| 35   | 1001109757  | 1   | AC Cable - Main Boom                                                         |     |
| 35   | 4460709     | 1   | Plug, Male                                                                   |     |
| 36   | 1001183062  | 1   | Boom Valve and Limit Switch Harness (See Separate Breakdown in this Section) |     |
| 37   | 1001118274  | 8   | Nut M8                                                                       |     |
| 38   | 1001119228  | 8   | Nut, Push M8                                                                 |     |
| 39   | 1001122600  | 1   | Plate, Cover                                                                 |     |
| 40   | 1001183880  | 1   | Boom Harness - Tower Boom(See Separate Breakdown in this Section)            |     |
| 41   | 1001183881  | 1   | Boom Harness - Main Boom(See Separate Breakdown in this Section)             |     |
| 42   | 1001188354  | 2   | Grommet                                                                      |     |
| 43   | 1001188291  | 2   | Backshell                                                                    |     |

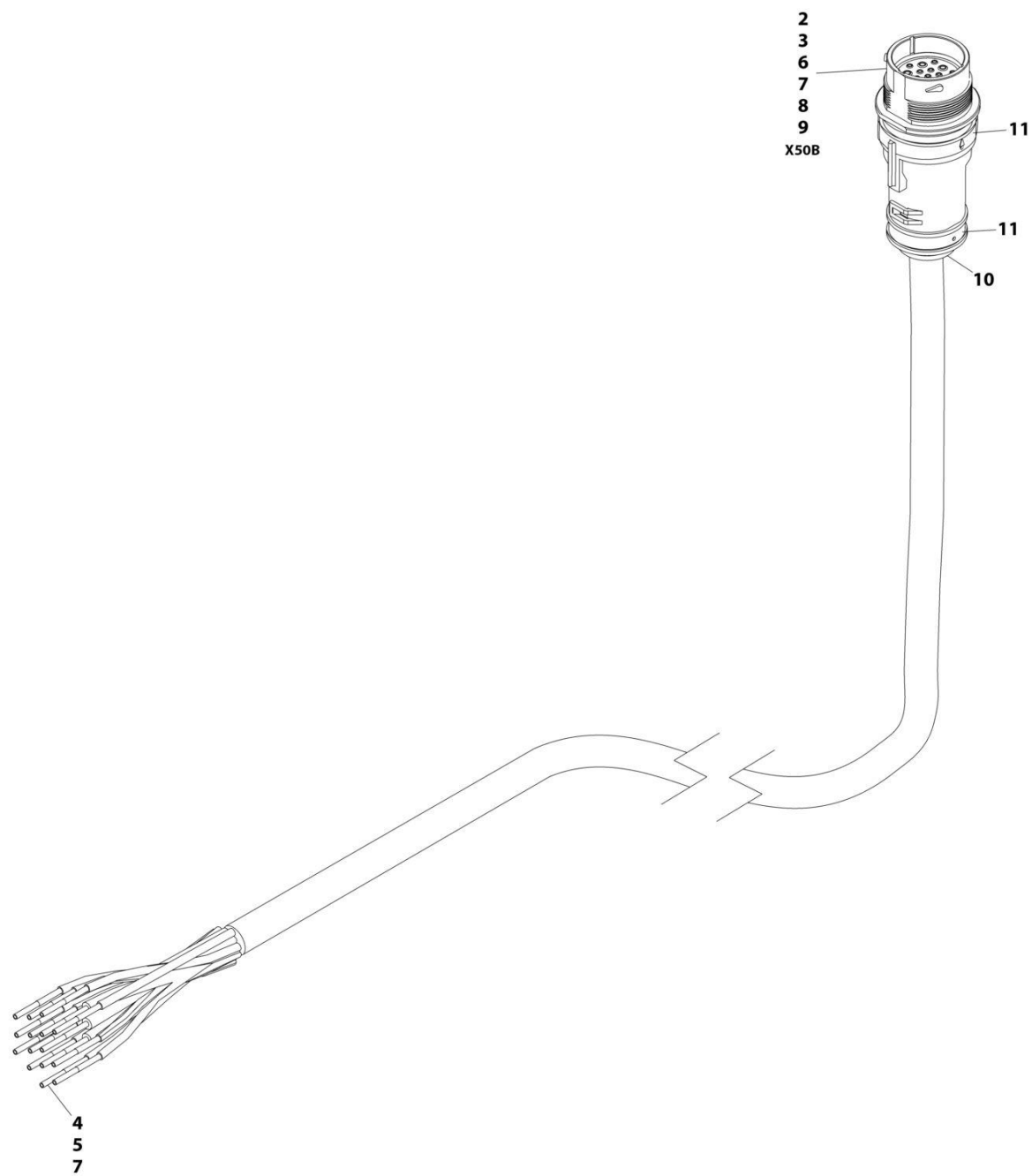
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| ITEM | PART NUMBER | QTY | DESCRIPTION             | REV |
|------|-------------|-----|-------------------------|-----|
| 44   | 1001188292  | 2   | Connector - 19 Position |     |
| 46   | 4460466     | 8   | Plug, Terminal          |     |
| 47   | 4240032     | 1   | Tie-Strap               |     |
| 48   | 4460234     | 1   | Mount, Tie-Strap        |     |



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FIGURE 7-17. BOOM HARNESS - MAIN BOOM



ART\_1001183881



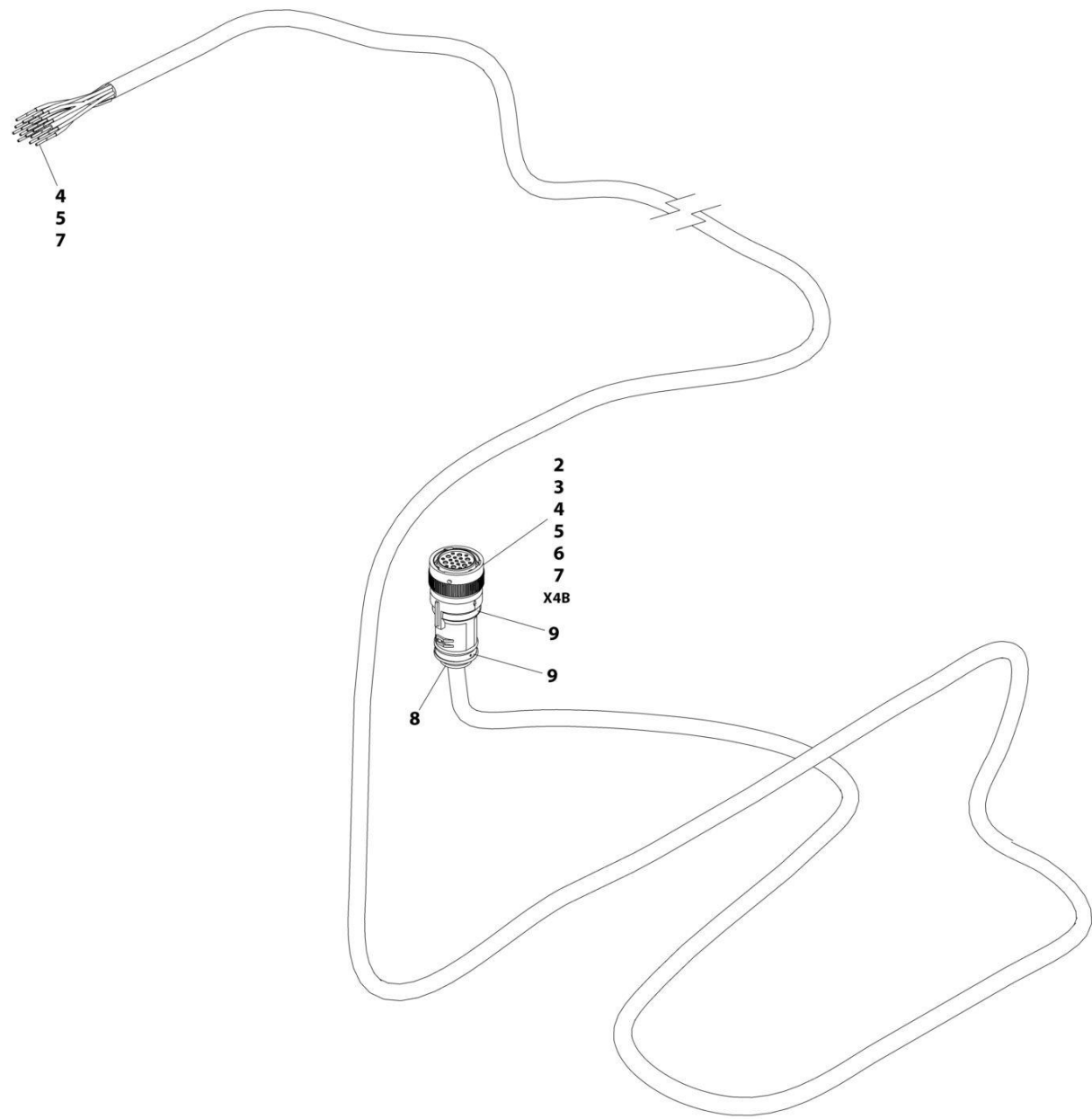
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**FIGURE 7-17. BOOM HARNESS - MAIN BOOM**

| ITEM | PART NUMBER | QTY | DESCRIPTION              | REV |
|------|-------------|-----|--------------------------|-----|
|      | 1001183881  | Ref | BOOM HARNESS - MAIN BOOM | C   |
| 2    | 1001188293  | 1   | Connector - 19 Position  |     |
| 3    | 1001188291  | 1   | Backshell                |     |
| 4    | 4460465     | 11  | Socket, Female           |     |
| 5    | 4460509     | 4   | Socket, Female           |     |
| 6    | 4460466     | 4   | Plug, Terminal           |     |
| 7    | 2820118     | AR  | Heat Shrink              |     |
| 8    | 4460464     | 11  | Pin, Male                |     |
| 9    | 4460508     | 4   | Pin, Male                |     |
| 10   | 1001188354  | 1   | Grommet                  |     |
| 11   | 4240033     | 2   | Tie-Wire                 |     |

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FIGURE 7-18. BOOM HARNESS - TOWER BOOM



ART\_1001183880

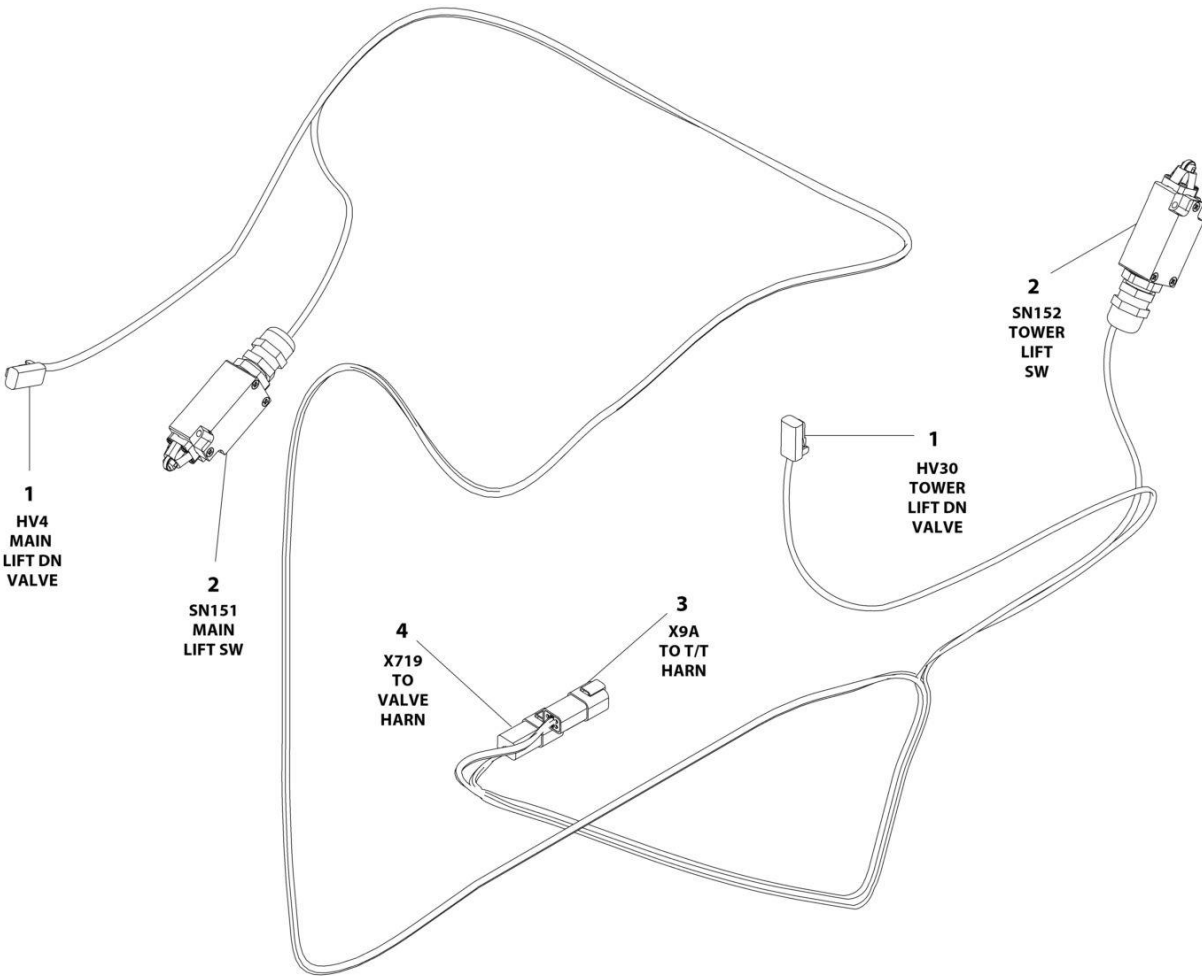
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**FIGURE 7-18. BOOM HARNESS - TOWER BOOM**

| ITEM | PART NUMBER | QTY | DESCRIPTION               | REV |
|------|-------------|-----|---------------------------|-----|
|      | 1001183880  | Ref | BOOM HARNESS - TOWER BOOM | C   |
| 2    | 1001188292  | 1   | Connector - 19 Position   |     |
| 3    | 1001188291  | 1   | Backshell                 |     |
| 4    | 4460465     | 22  | Socket, Female            |     |
| 5    | 4460509     | 8   | Socket, Female            |     |
| 6    | 4460466     | 4   | Plug, Terminal            |     |
| 7    | 2820118     | AR  | Heat Shrink               |     |
| 8    | 1001188354  | 1   | Grommet                   |     |
| 9    | 4240033     | 2   | Tie-Wire                  |     |

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FIGURE 7-19. BOOM VALVE AND LIMIT SWITCH HARNESS



ART\_1001183062

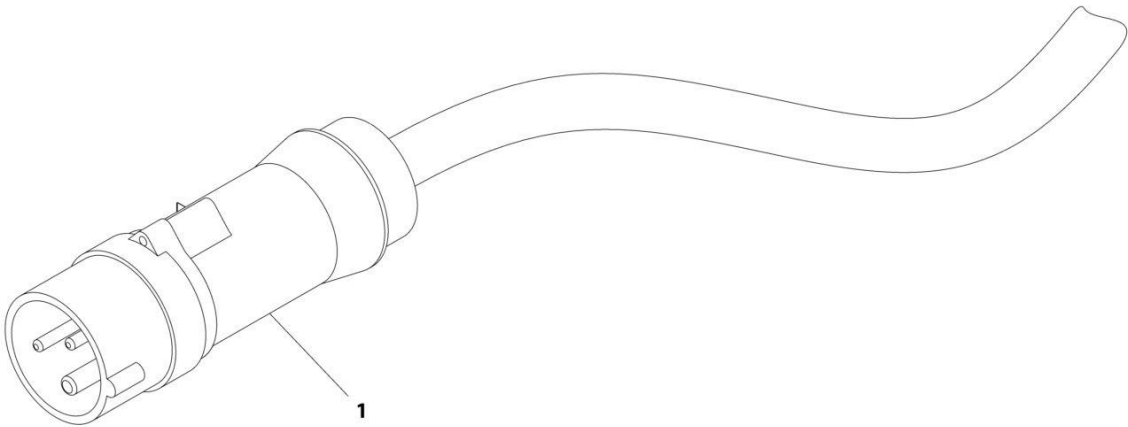
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**FIGURE 7-19. BOOM VALVE AND LIMIT SWITCH HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                         | REV |
|------|-------------|-----|-------------------------------------|-----|
|      | 1001183062  | Ref | BOOM VALVE AND LIMIT SWITCH HARNESS | E   |
| 1    | 4460891     | 2   | Plug, Male - 2 Position             |     |
| 1    | 4460465     | 4   | Socket, Female                      |     |
| 2    | 4360548     | 2   | Switch, Limit                       |     |
| 2    | 4460968     | 2   | Connector, Strain Relief            |     |
| 2    | 0962449     | 2   | Bushing                             |     |
| 3    | 4460932     | 1   | Receptacle, Female - 4 Position     |     |
| 3    | 4460464     | 4   | Pin, Male                           |     |
| 4    | 1001205184  | 1   | Receptacle, Female - 4 Position     |     |
| 4    | 1001116693  | 4   | Pin, Male                           |     |

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**FIGURE 7-20. CHARGER CORD PLUG INSTALLATION - 110V - IEC 60309 - YELLOW (CE SPEC)**



ART\_0275666

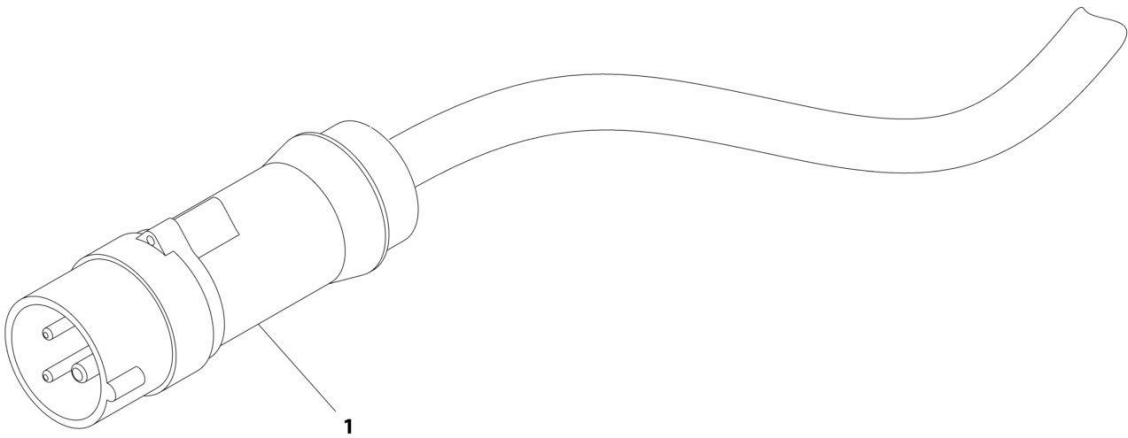
## SECTION 7 - ELECTRICAL

**FIGURE 7-20. CHARGER CORD PLUG INSTALLATION - 110V - IEC 60309 - YELLOW (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------|-----|
|      | 0275666     | Ref | CHARGER CORD PLUG INSTALLATION - 110V - IEC 60309 - YELLOW (CE SPEC) | B   |
| 1    | 4461196     | 1   | Plug                                                                 |     |

**SECTION 7 - ELECTRICAL**

**FIGURE 7-21. CHARGER CORD PLUG INSTALLATION - 220V - IEC 60309 - BLUE (CE SPEC)**



ART\_0275667



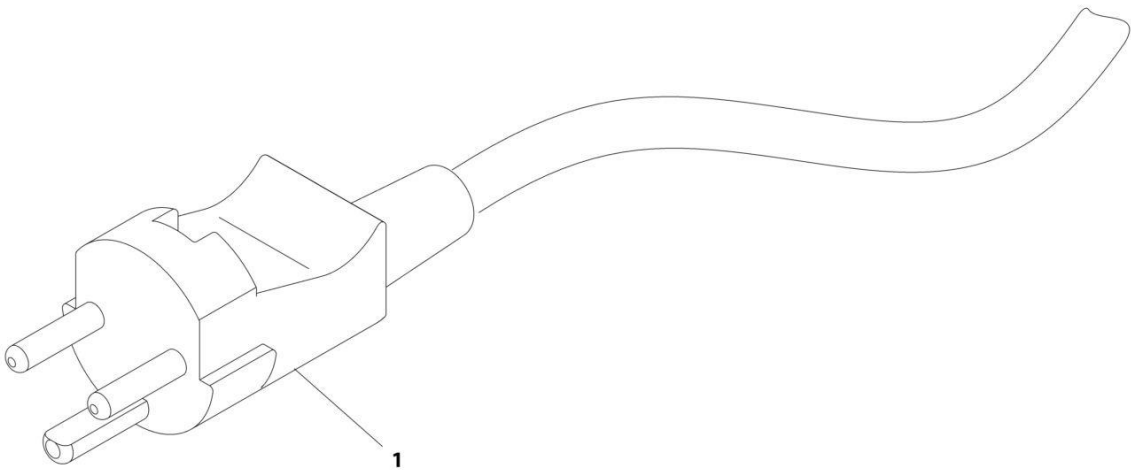
## SECTION 7 - ELECTRICAL

**FIGURE 7-21. CHARGER CORD PLUG INSTALLATION - 220V - IEC 60309 - BLUE (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                        | REV |
|------|-------------|-----|--------------------------------------------------------------------|-----|
|      | 0275667     | Ref | CHARGER CORD PLUG INSTALLATION - 220V - IEC 60309 - BLUE (CE SPEC) | B   |
| 1    | 4461199     | 1   | Plug                                                               |     |

**SECTION 7 - ELECTRICAL**

**FIGURE 7-22. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT107 KEYED GROUND (CE SPEC)**



ART\_0275665

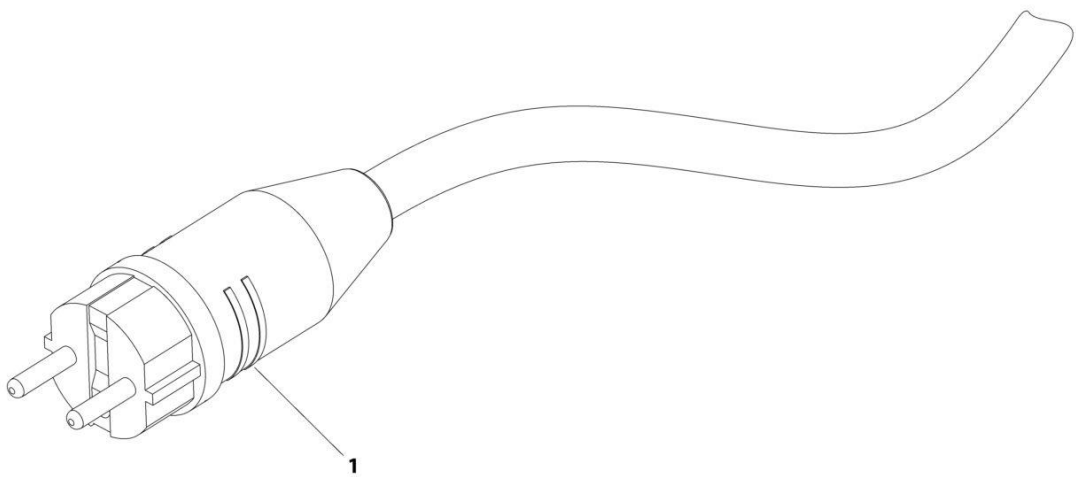
## SECTION 7 - ELECTRICAL

**FIGURE 7-22. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT107 KEYED GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                 | REV |
|------|-------------|-----|-----------------------------------------------------------------------------|-----|
|      | 0275665     | Ref | CHARGER CORD PLUG INSTALLATION - 220V - AFSINT107<br>KEYED GROUND (CE SPEC) | B   |
| 1    | 4461249     | 1   | Plug                                                                        |     |

**SECTION 7 - ELECTRICAL**

**FIGURE 7-23. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC)**



ART\_0275663

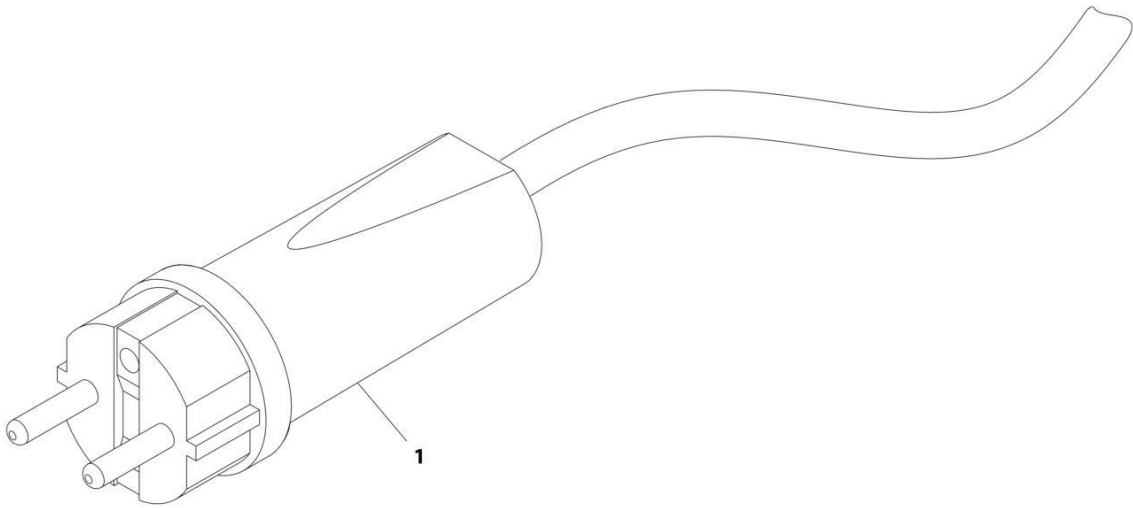
## SECTION 7 - ELECTRICAL

**FIGURE 7-23. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                        | REV |
|------|-------------|-----|--------------------------------------------------------------------|-----|
|      | 0275663     | Ref | CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE SPEC) | C   |
| 1    | 4461202     | 1   | Plug (SN 0300211844 through 0300218318)                            |     |
| 1    | 4461205     | 1   | Plug (SN 0300218319 through 0300272206)                            |     |

**SECTION 7 - ELECTRICAL**

**FIGURE 7-24. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE SPEC)**



ART\_0275664

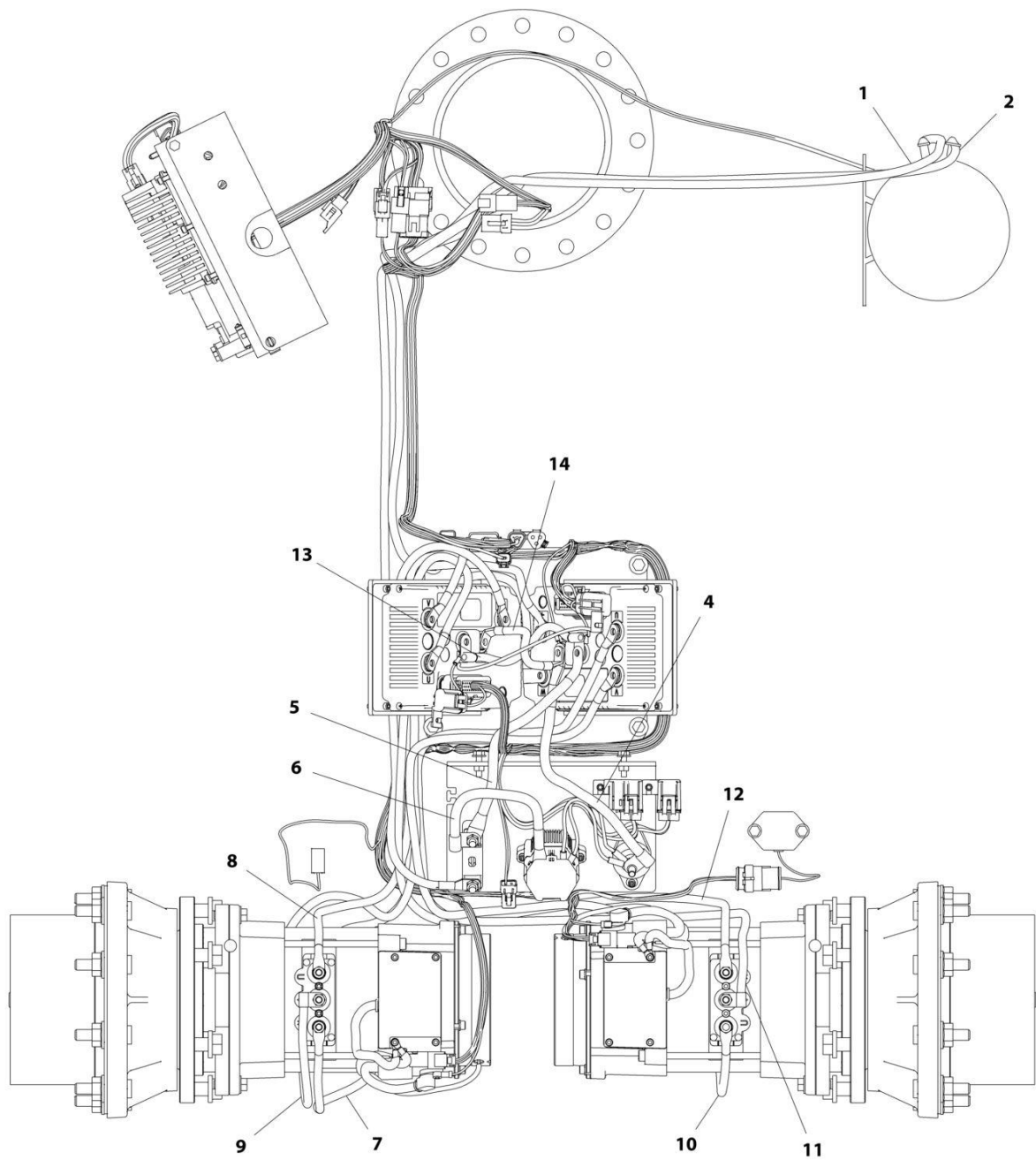
## SECTION 7 - ELECTRICAL

**FIGURE 7-24. 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<br>GROUND (CE SPEC) | B   |
| 1    | 4461205     | 1   | Plug                                                                  |     |

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FIGURE 7-25. DRIVE CABLE KIT (ALL SPECS EXCEPT UL SPEC)



ART\_1001195097



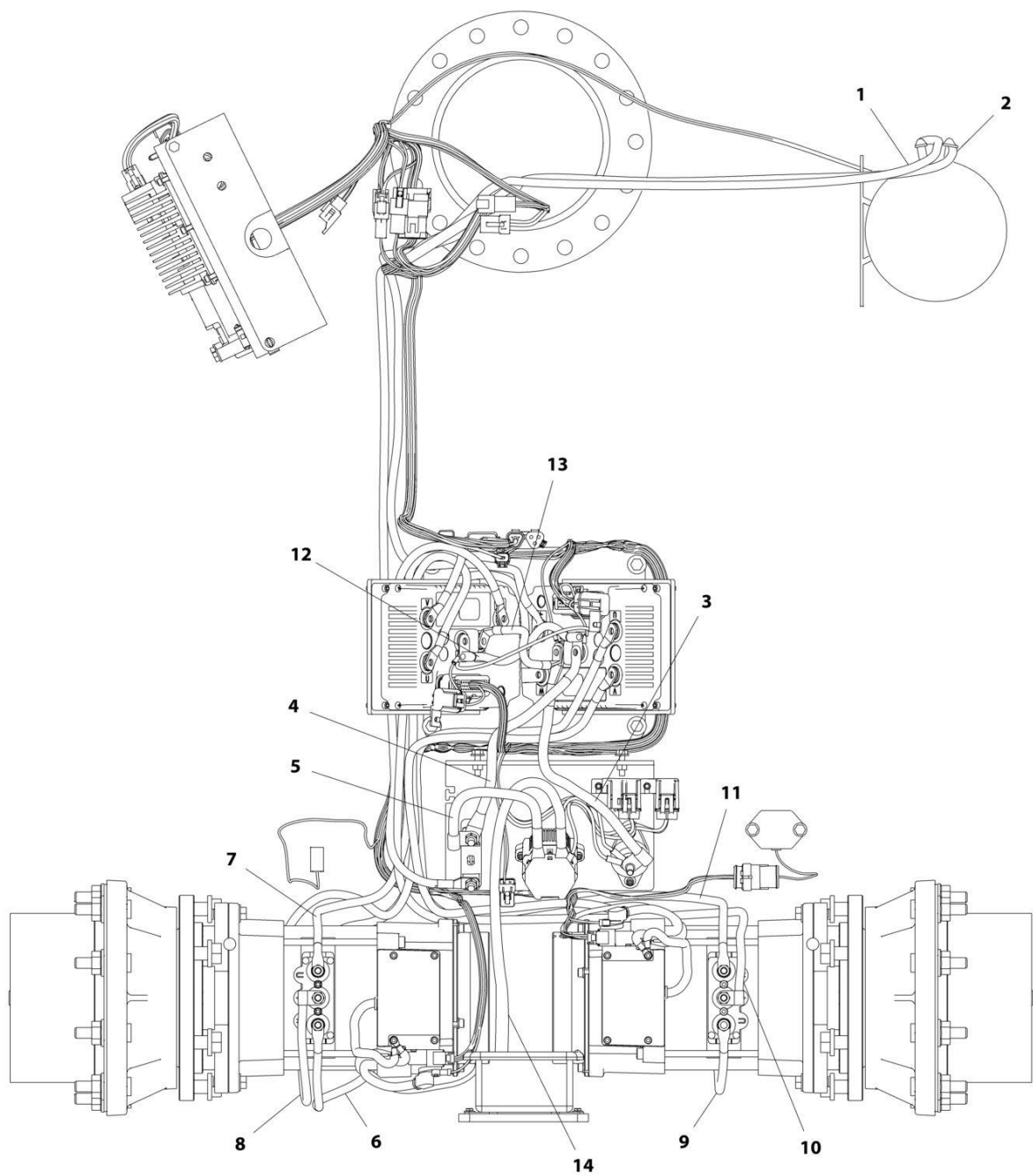
## SECTION 7 - ELECTRICAL

**FIGURE 7-25. DRIVE CABLE KIT (ALL SPECS EXCEPT UL SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                | REV |
|------|-------------|-----|--------------------------------------------|-----|
|      | 1001195097  | Ref | DRIVE CABLE KIT (ALL SPECS EXCEPT UL SPEC) | E   |
| 1    | 1001179000  | 1   | Cable - Pump Motor + to Fuse               |     |
| 2    | 1001179001  | 1   | Cable - Pump Motor - to LH Module P        |     |
| 4    | 1001194283  | 1   | Cable - Ground to LH Module P-             |     |
| 5    | 1001194285  | 1   | Cable - RH Module P+ to Fuse               |     |
| 6    | 1001194288  | 1   | Cable - Contactor to Fuse                  |     |
| 7    | 1001194654  | 1   | Cable - LH Motor W                         |     |
| 8    | 1001194655  | 1   | Cable - LH Motor U                         |     |
| 9    | 1001194656  | 1   | Cable - LH Motor V                         |     |
| 10   | 1001194657  | 1   | Cable - RH Motor U                         |     |
| 11   | 1001194658  | 1   | Cable - RH Motor V                         |     |
| 12   | 1001194659  | 1   | Cable - RH Motor W                         |     |
| 13   | 1001194739  | 1   | Cable - RH Module P+ to LH Module P+       |     |
| 14   | 1001194740  | 1   | Cable - LH Module P- to RH Module P-       |     |

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FIGURE 7-26. DRIVE CABLE KIT (UL SPECS) (SN 0300226252 through 0300272206)



ART\_1001212446

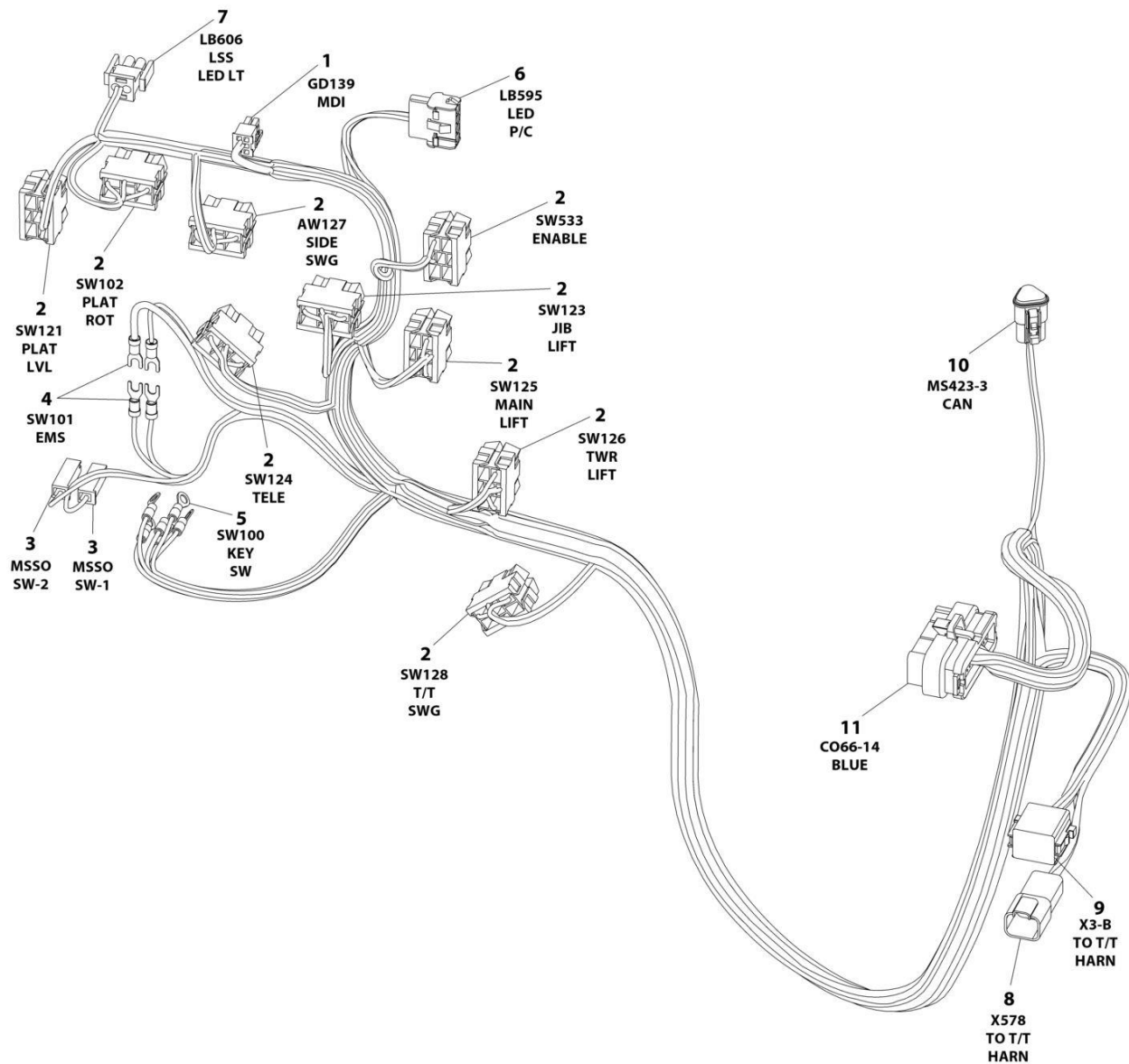
## SECTION 7 - ELECTRICAL

**FIGURE 7-26. DRIVE CABLE KIT (UL SPECS) (SN 0300226252 through 0300272206)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                          | REV |
|------|-------------|-----|--------------------------------------|-----|
|      | 1001212446  | Ref | DRIVE CABLE KIT (UL SPECS)           | A   |
| 1    | 1001179000  | 1   | Cable - Pump Motor + to Fuse         |     |
| 2    | 1001179001  | 1   | Cable - Pump Motor - to LH Module P  |     |
| 3    | 1001194283  | 1   | Cable - Ground to LH Module P-       |     |
| 4    | 1001194285  | 1   | Cable - RH Module P+ to Fuse         |     |
| 5    | 1001194288  | 1   | Cable - Contactor to Fuse            |     |
| 6    | 1001194654  | 1   | Cable - LH Motor W                   |     |
| 7    | 1001194655  | 1   | Cable - LH Motor U                   |     |
| 8    | 1001194656  | 1   | Cable - LH Motor V                   |     |
| 9    | 1001194657  | 1   | Cable - RH Motor U                   |     |
| 10   | 1001194658  | 1   | Cable - RH Motor V                   |     |
| 11   | 1001194659  | 1   | Cable - RH Motor W                   |     |
| 12   | 1001194739  | 1   | Cable - RH Module P+ to LH Module P+ |     |
| 13   | 1001194740  | 1   | Cable - LH Module P- to RH Module P- |     |
| 14   | 1001212436  | 1   | Cable, Drive Jumper                  |     |

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FIGURE 7-27. GROUND CONTROL HARNESS



ART\_1001181095

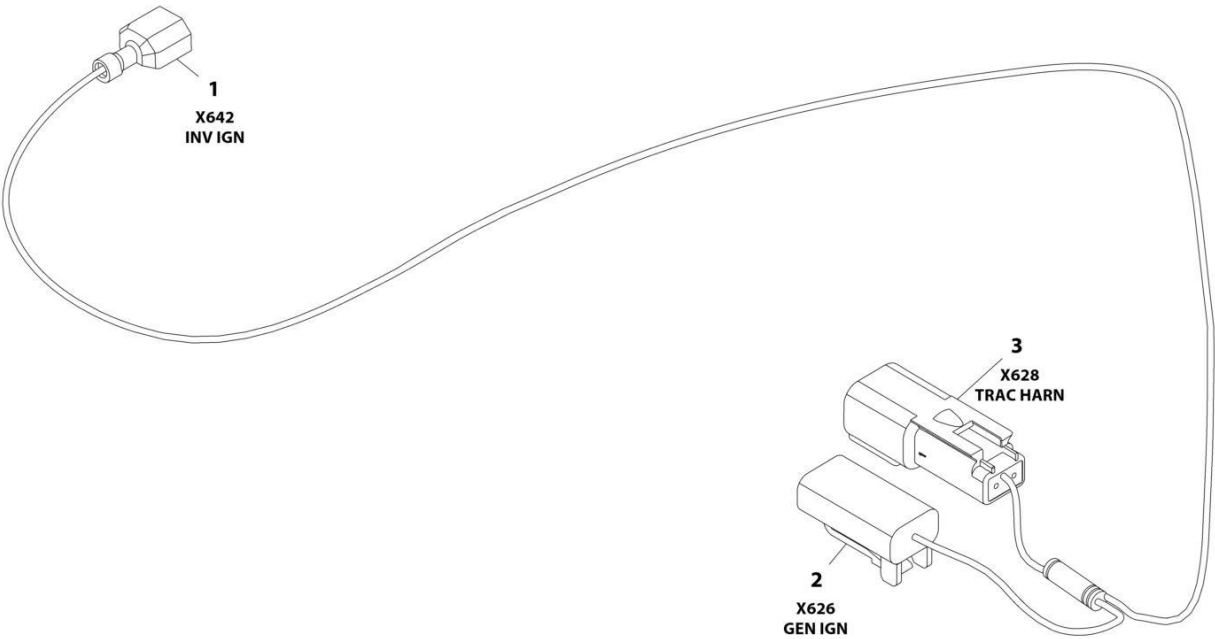
## SECTION 7 - ELECTRICAL

**FIGURE 7-27. GROUND CONTROL HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001181095  | Ref | GROUND CONTROL HARNESS          | G   |
| 1    | 4460868     | 1   | Plug, Male - 6 Position         |     |
| 1    | 4460877     | 4   | Socket, Female                  |     |
| 2    | 4460418     | 9   | Connector, Switch               |     |
| 2    | 4460419     | 16  | Terminal                        |     |
| 2    | 1001159186  | 18  | Terminal                        |     |
| 3    | 4460260     | 2   | Cover, Terminal                 |     |
| 3    | 4460259     | 2   | Terminal                        |     |
| 4    | 4460806     | 1   | Terminal, Fork                  |     |
| 4    | 4460183     | 3   | Terminal, Fork                  |     |
| 5    | 4460313     | 6   | Terminal, Ring                  |     |
| 6    | 4460761     | 1   | Receptacle, Female - 4 Position |     |
| 6    | 4460226     | 4   | Socket, Female                  |     |
| 7    | 4460320     | 1   | Plug, Male - 2 Position         |     |
| 7    | 4460227     | 1   | Pin, Male                       |     |
| 7    | 4460267     | 1   | Pin, Male                       |     |
| 8    | 4460932     | 1   | Receptacle, Female - 4 Position |     |
| 8    | 1001116693  | 4   | Pin, Male                       |     |
| 9    | 4460851     | 1   | Connector - 8 Position          |     |
| 9    | 1001116692  | 6   | Socket, Female                  |     |
| 9    | 1001157890  | 1   | Socket, Female                  |     |
| 9    | 4460466     | 1   | Plug, Terminal                  |     |
| 10   | 1001116812  | 1   | Plug, Male - 3 Position         |     |
| 10   | 4460944     | 2   | Socket, Female                  |     |
| 10   | 4460466     | 1   | Plug, Terminal                  |     |
| 11   | 4460876     | 1   | Connector - 35 Position         |     |
| 11   | 4460871     | 22  | Socket, Female                  |     |
| 11   | 4460905     | 13  | Plug, Terminal                  |     |

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FIGURE 7-28. INVERTER HARNESS



ART\_1001192293

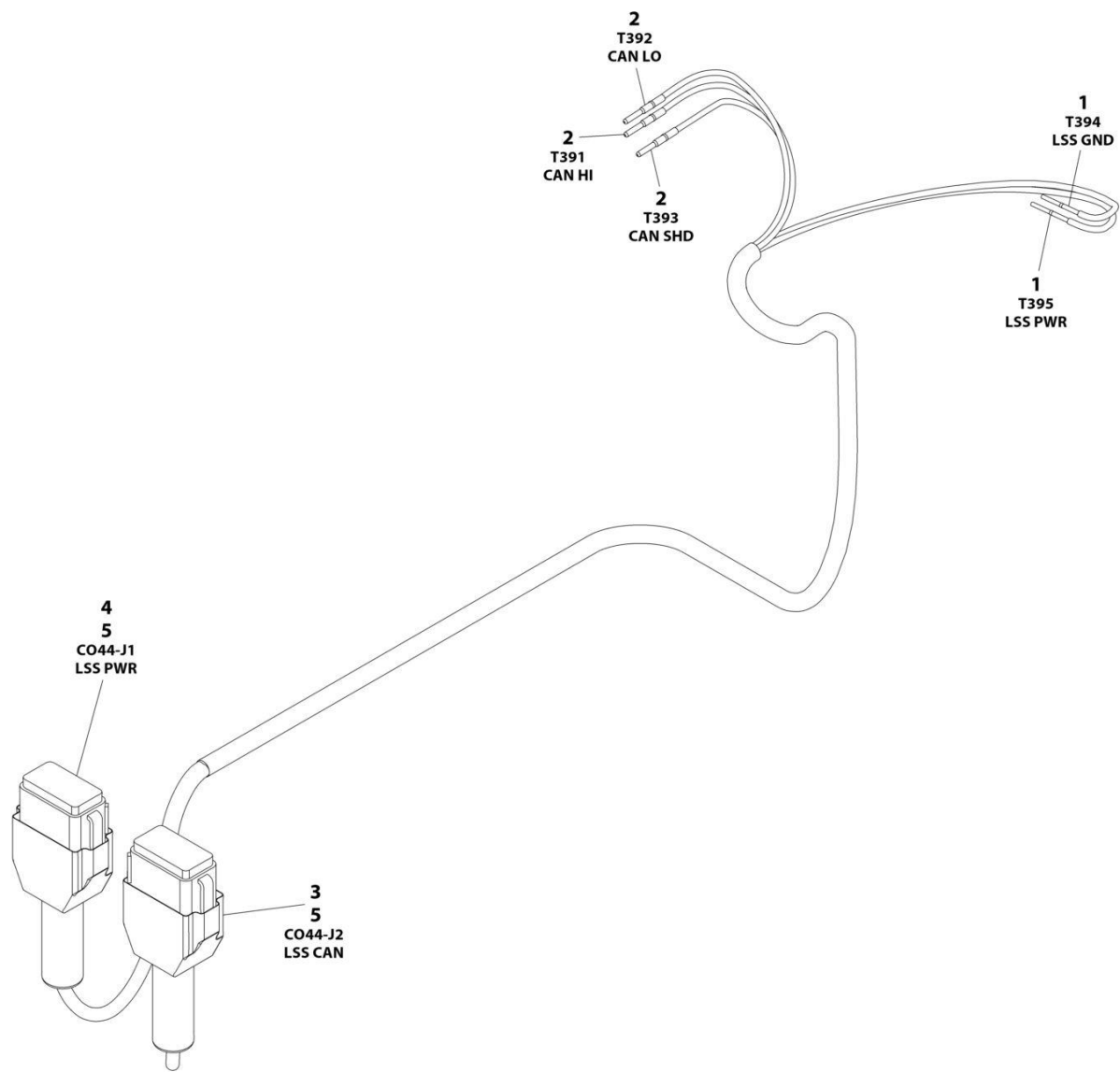
## SECTION 7 - ELECTRICAL

**FIGURE 7-28. INVERTER HARNESS**

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

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FIGURE 7-29. LSS SYSTEM HARNESS



ART\_1001192283



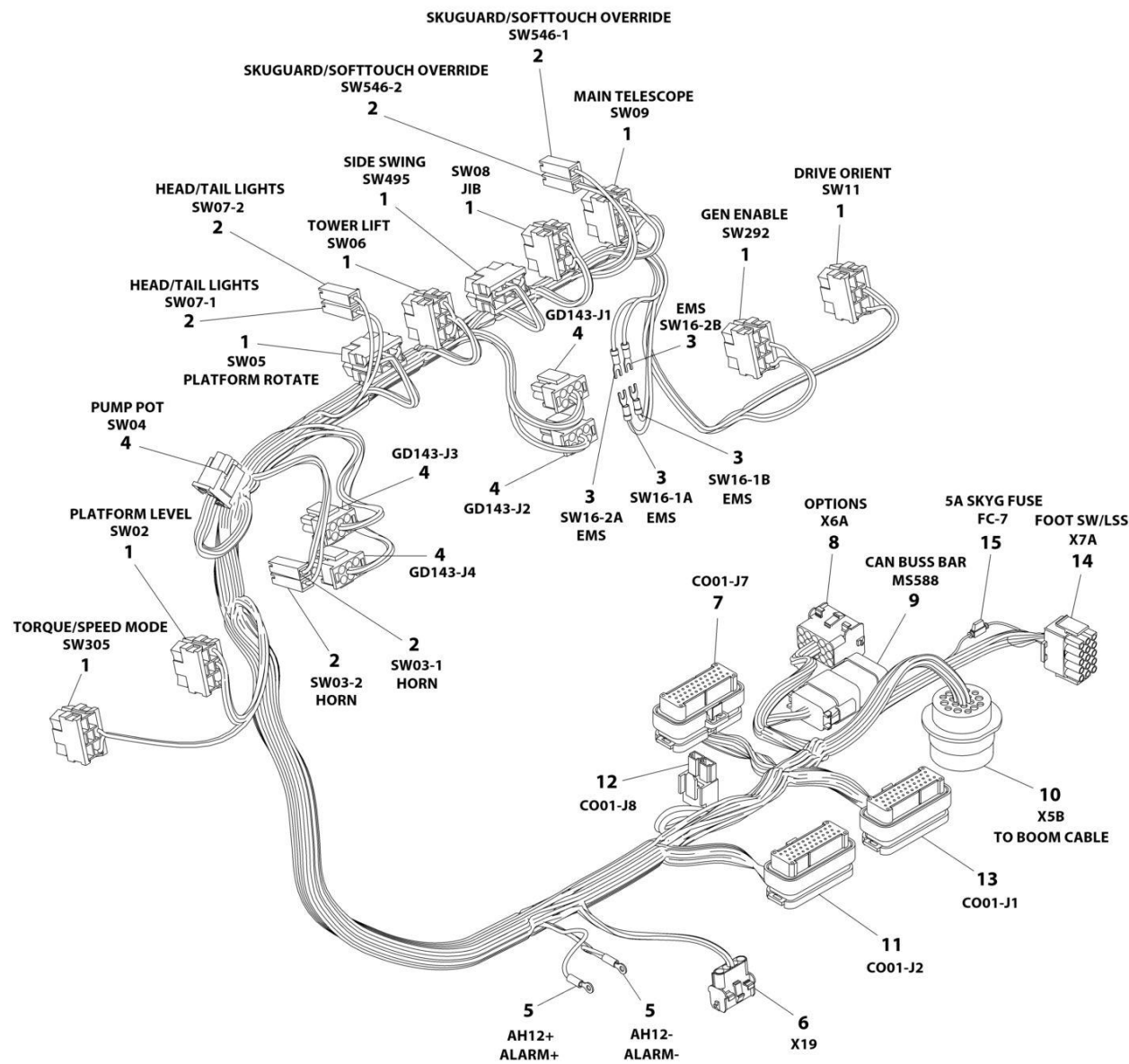
## SECTION 7 - ELECTRICAL

**FIGURE 7-29. LSS SYSTEM HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION              | REV |
|------|-------------|-----|--------------------------|-----|
|      | 1001192283  | Ref | LSS SYSTEM HARNESS       | B   |
| 1    | 4460226     | 2   | Socket, Female           |     |
| 2    | 4460227     | 3   | Pin, Male                |     |
| 3    | 4460836     | 1   | Plug, Male - 12 Position |     |
| 3    | 4460944     | 2   | Socket, Female           |     |
| 3    | 4460466     | 10  | Plug, Terminal           |     |
| 3    | 1001174455  | 1   | Boot                     |     |
| 4    | 4460933     | 1   | Plug, Male - 12 Position |     |
| 4    | 4460465     | 2   | Socket, Female           |     |
| 4    | 4460466     | 10  | Plug, Terminal           |     |
| 4    | 1001174455  | 1   | Boot                     |     |
| 5    | 2820030     | AR  | Heat Shrink              |     |

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FIGURE 7-30. PLATFORM CONSOLE HARNESS



ART\_1001191318

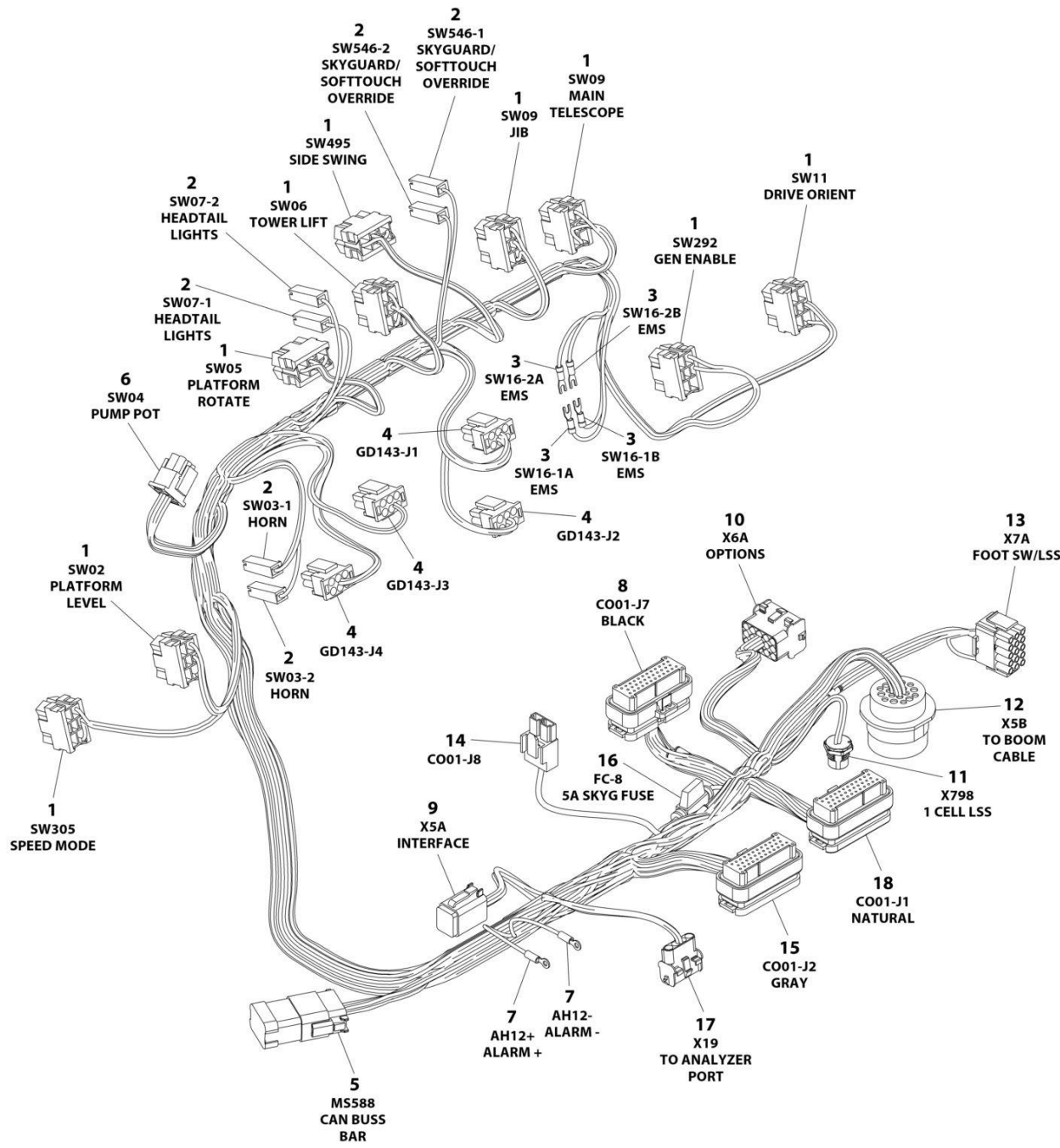
## SECTION 7 - ELECTRICAL

**FIGURE 7-30. PLATFORM CONSOLE HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                     | REV |
|------|-------------|-----|-------------------------------------------------|-----|
|      | 1001191318  | Ref | PLATFORM CONSOLE HARNESS                        | I   |
| 1    | 4460418     | 9   | Connector - 6 Position                          |     |
| 1    | 4460419     | 14  | Terminal                                        |     |
| 1    | 1001159186  | 17  | Terminal                                        |     |
| 2    | 4460260     | 6   | Housing, Terminal                               |     |
| 2    | 4460259     | 6   | Terminal                                        |     |
| 3    | 4460888     | 4   | Terminal, Fork                                  |     |
| 4    | 4460225     | 5   | Connector - 6 Position                          |     |
| 4    | 4460226     | 14  | Socket, Female                                  |     |
| 4    | 4460267     | 6   | Pin, Male                                       |     |
| 5    | 1001098122  | 2   | Terminal, Ring                                  |     |
| 6    | 4460761     | 1   | Receptacle, Female - 4 Position                 |     |
| 6    | 4460227     | 4   | Pin, Male                                       |     |
| 7    | 4460873     | 1   | Connector - 35 Position                         |     |
| 7    | 4460871     | 21  | Socket, Female                                  |     |
| 7    | 4460905     | 14  | Plug, Terminal                                  |     |
| 8    | 4460708     | 1   | Connector - 15 Position                         |     |
| 8    | 4460226     | 12  | Socket, Female                                  |     |
| 9    | 4460930     | 1   | Plug, Male - 8 Position                         |     |
| 9    | 4460465     | 6   | Socket, Female                                  |     |
| 9    | 4460466     | 2   | Plug, Terminal                                  |     |
| 10   | 4460866     | 1   | Connector - 19 Position                         |     |
| 10   | 4460464     | 10  | Pin, Male                                       |     |
| 10   | 4460508     | 2   | Pin, Male                                       |     |
| 10   | 4460466     | 7   | Plug, Terminal                                  |     |
| 11   | 4460875     | 1   | Connector - 35 Position                         |     |
| 11   | 4460871     | 24  | Socket, Female                                  |     |
| 11   | 4460905     | 12  | Plug, Terminal                                  |     |
| 12   | 4460879     | 1   | Plug, Male - 2 Position                         |     |
| 12   | 4460887     | 2   | Terminal                                        |     |
| 13   | 4460874     | 1   | Connector - 35 Position                         |     |
| 13   | 4460871     | 24  | Socket, Female                                  |     |
| 13   | 4460905     | 11  | Plug, Terminal                                  |     |
| 14   | 4460434     | 1   | Plug, Male - 15 Position                        |     |
| 14   | 4460227     | 13  | Pin, Male                                       |     |
| 15   | 2400060     | 1   | Holder, Fuse (SN 0300229198 through 0300272206) |     |
| 15   | 8229242     | 1   | Fuse 5Amp (SN 0300229198 through 0300272206)    |     |

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FIGURE 7-31. PLATFORM CONSOLE HARNESS - WITH 1 CELL LSS



ART\_1001217621

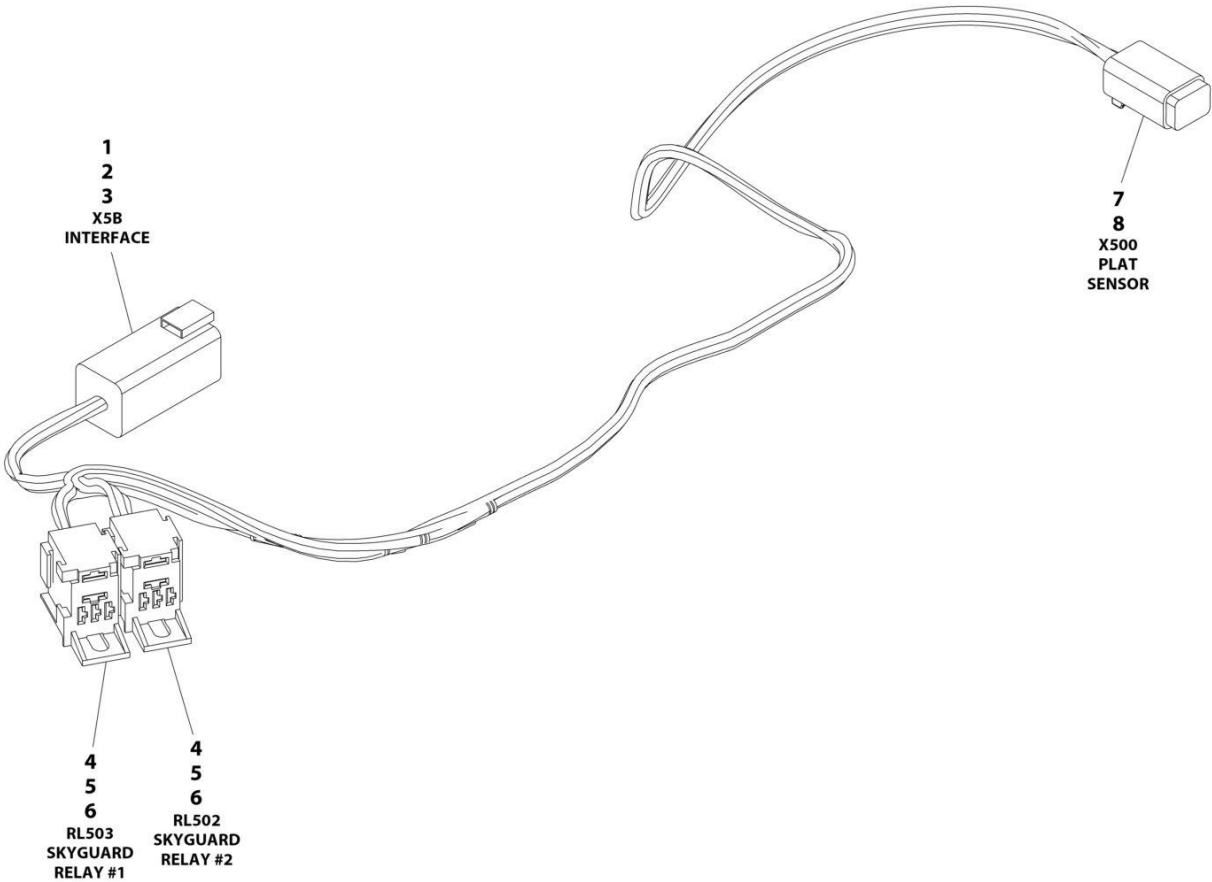
## SECTION 7 - ELECTRICAL

**FIGURE 7-31. PLATFORM CONSOLE HARNESS - WITH 1 CELL LSS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                | REV |
|------|-------------|-----|--------------------------------------------|-----|
|      | 1001217621  | Ref | PLATFORM CONSOLE HARNESS - WITH 1 CELL LSS | C   |
| 1    | 4460418     | 9   | Connector - 6 Position                     |     |
| 1    | 4460419     | 15  | Terminal                                   |     |
| 1    | 1001159186  | 17  | Terminal                                   |     |
| 2    | 4460260     | 6   | Housing, Terminal                          |     |
| 2    | 4460259     | 8   | Terminal                                   |     |
| 3    | 4460888     | 4   | Terminal, Fork                             |     |
| 4    | 4460225     | 4   | Connector - 6 Position                     |     |
| 4    | 4460226     | 15  | Socket, Female                             |     |
| 5    | 4460930     | 1   | Plug, Male - 8 Position                    |     |
| 5    | 4460465     | 6   | Socket, Female                             |     |
| 5    | 4460466     | 2   | Plug, Terminal                             |     |
| 6    | 4460224     | 1   | Plug, Male - 6 Position                    |     |
| 6    | 4460267     | 7   | Pin, Male                                  |     |
| 7    | 1001098122  | 2   | Terminal, Ring                             |     |
| 8    | 4460873     | 1   | Connector - 35 Position                    |     |
| 8    | 4460871     | 23  | Socket, Female                             |     |
| 8    | 4460905     | 13  | Plug, Terminal                             |     |
| 9    | 4460894     | 1   | Plug, Male - 6 Position                    |     |
| 9    | 4460465     | 6   | Socket, Female                             |     |
| 10   | 4460708     | 1   | Connector - 15 Position                    |     |
| 10   | 4460226     | 12  | Socket, Female                             |     |
| 11   | 1001213447  | 1   | Connector, Female - 5 Position             |     |
| 12   | 4460866     | 1   | Connector - 19 Position                    |     |
| 12   | 4460466     | 7   | Plug, Terminal                             |     |
| 12   | 4460464     | 10  | Pin, Male                                  |     |
| 12   | 4460508     | 2   | Pin, Male                                  |     |
| 13   | 4460434     | 1   | Plug, Male - 15 Position                   |     |
| 13   | 4460227     | 9   | Pin, Male                                  |     |
| 14   | 4460879     | 1   | Plug, Male - 2 Position                    |     |
| 14   | 4460887     | 2   | Terminal                                   |     |
| 15   | 4460875     | 1   | Connector - 35 Position                    |     |
| 15   | 4460905     | 13  | Plug, Terminal                             |     |
| 15   | 4460871     | 22  | Socket, Female                             |     |
| 16   | 2400060     | 1   | Holder, Fuse                               |     |
| 16   | 8229242     | 1   | Fuse 5Amp                                  |     |
| 17   | 4460761     | 1   | Receptacle, Female - 4 Position            |     |
| 17   | 4460227     | 4   | Pin, Male                                  |     |
| 18   | 4460874     | 1   | Connector - 35 Position                    |     |
| 18   | 4460871     | 24  | Socket, Female                             |     |
| 18   | 4460905     | 11  | Plug, Terminal                             |     |

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FIGURE 7-32. GENERATOR TO PLATFORM HARNESS - WITH SKYGUARD



ART\_1001225580

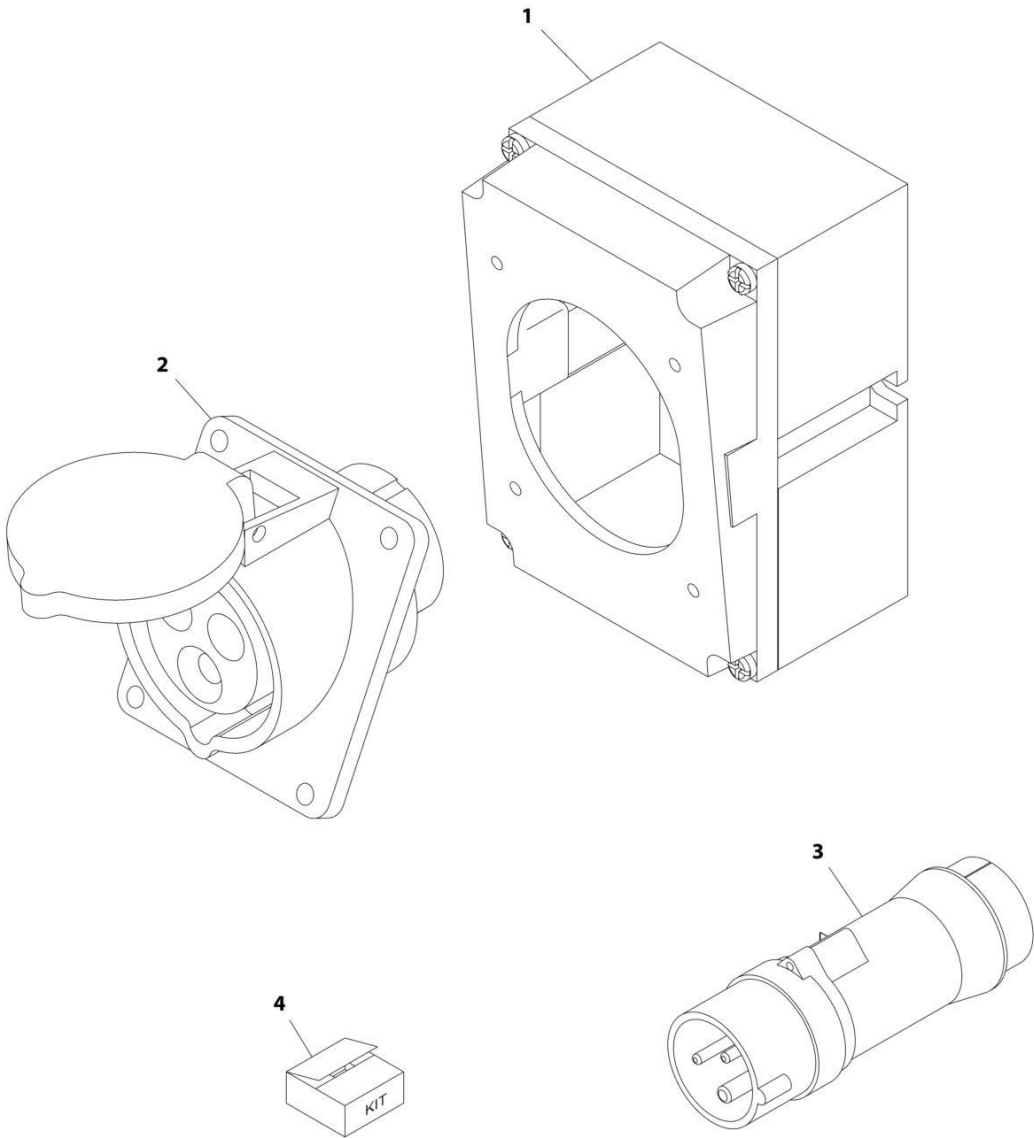
## SECTION 7 - ELECTRICAL

**FIGURE 7-32. GENERATOR TO PLATFORM HARNESS - WITH SKYGUARD**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                   | REV |
|------|-------------|-----|-----------------------------------------------|-----|
|      | 1001225580  | Ref | GENERATOR TO PLATFORM HARNESS - WITH SKYGUARD | C   |
| 1    | 4460899     | 1   | Connector                                     |     |
| 4    | 4460464     | 2   | Terminal                                      |     |
| 3    | 4460466     | 2   | Plug                                          |     |
| 4    | 1001186432  | 2   | Connector                                     |     |
| 5    | 1001116720  | 4   | Terminal                                      |     |
| 6    | 1001118388  | 4   | Terminal                                      |     |
| 7    | 4460844     | 1   | Connector                                     |     |
| 8    | 4460465     | 4   | Terminal                                      |     |

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FIGURE 7-33. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)



ART\_0275216



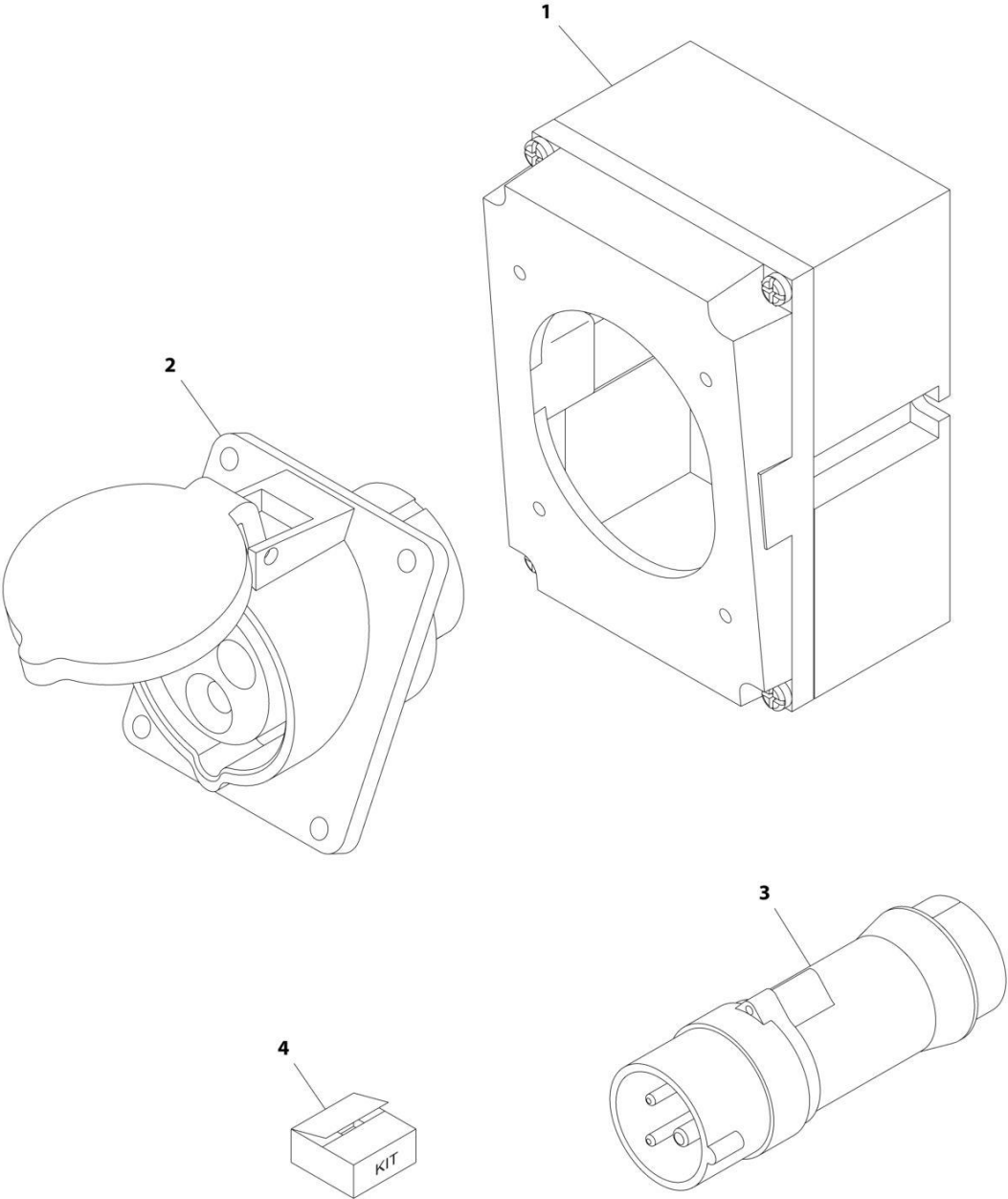
## SECTION 7 - ELECTRICAL

**FIGURE 7-33. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)**

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

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FIGURE 7-34. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)



ART\_0275217

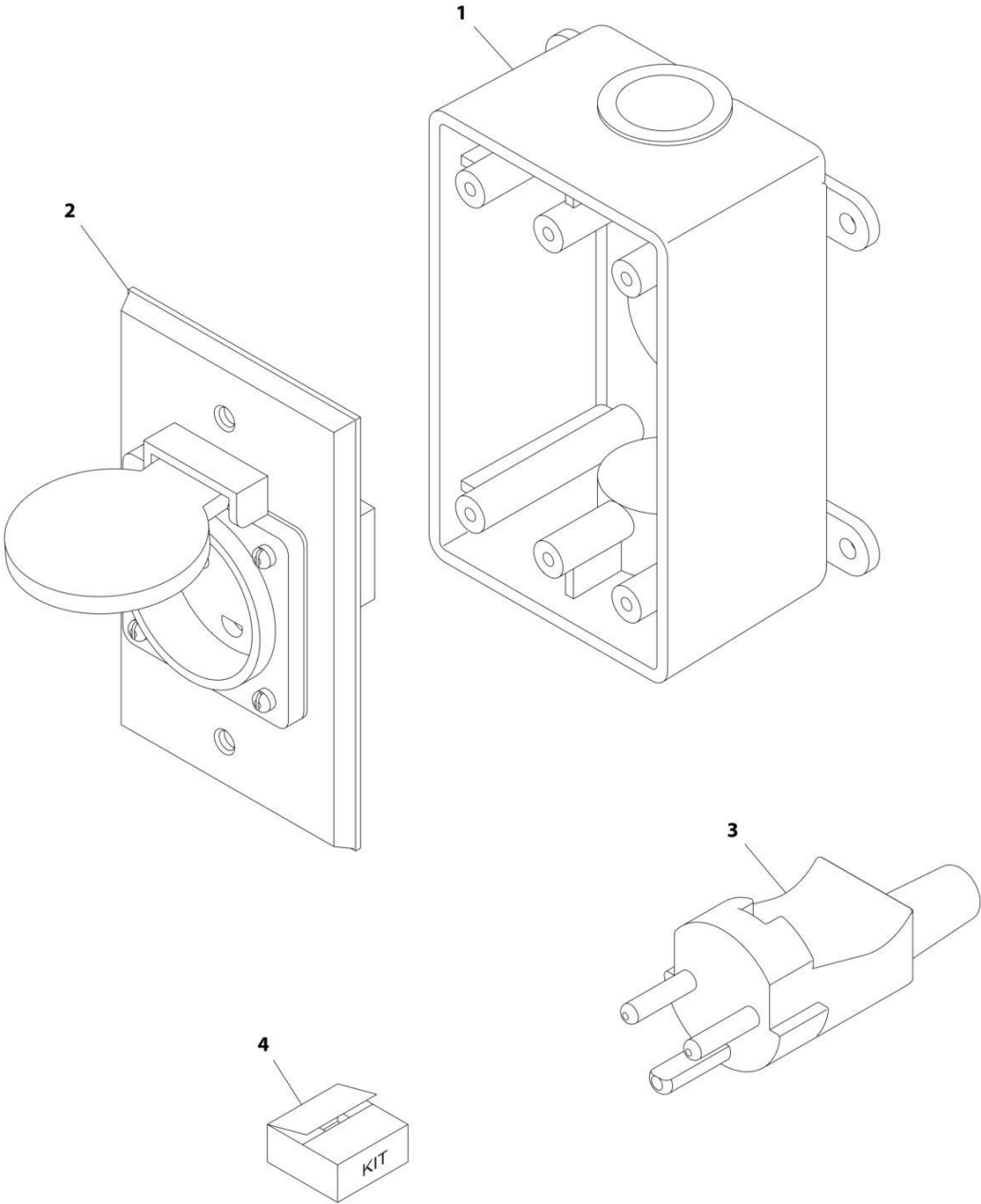
## SECTION 7 - ELECTRICAL

**FIGURE 7-34. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)**

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

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FIGURE 7-35. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE SPEC)



ART\_0275454

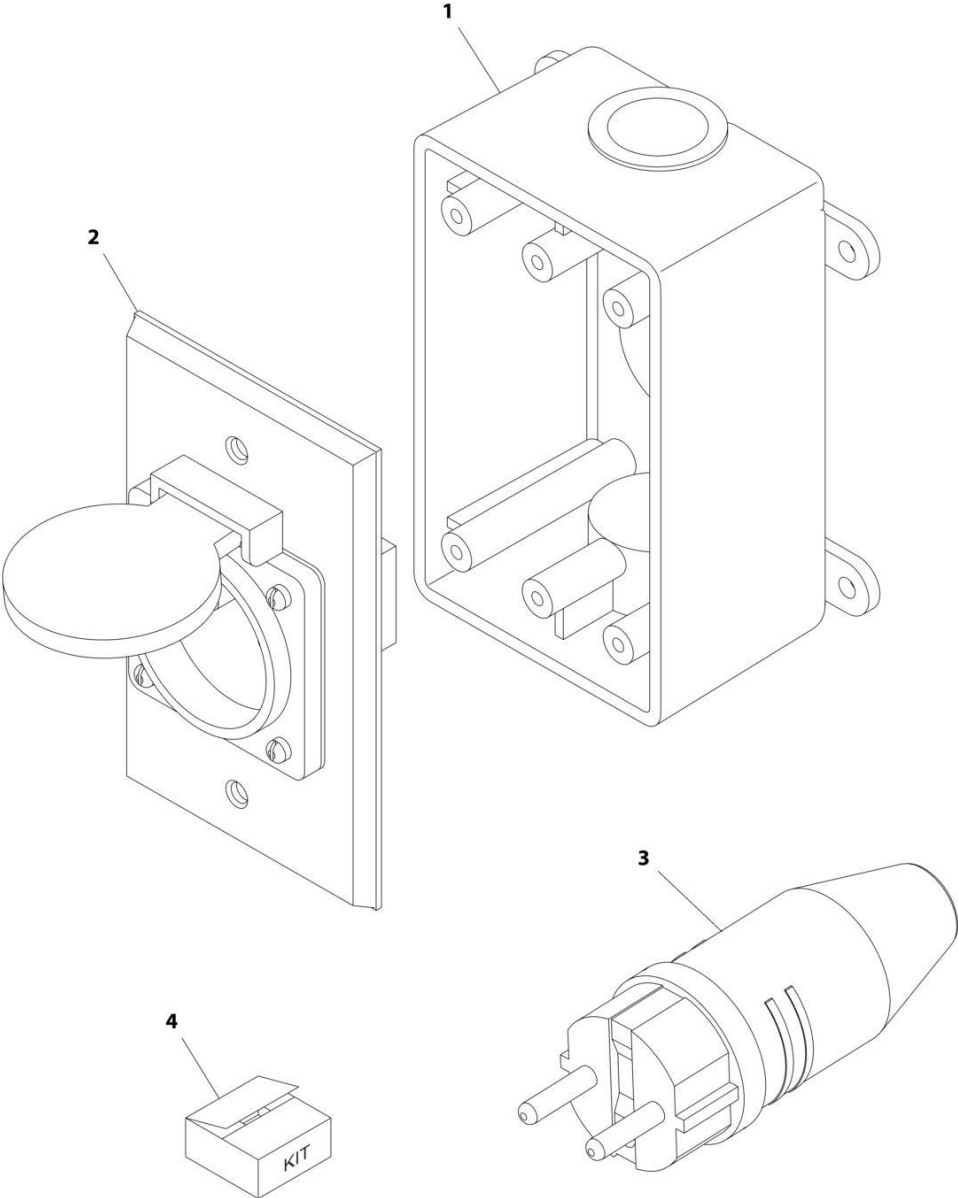
## SECTION 7 - ELECTRICAL

**FIGURE 7-35. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------|-----|
|      | 0275454     | Ref | RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE SPEC)           | 1   |
| 1    | 0861731     | 1   | Box, Switch                                                          |     |
| 2    | 4461246     | 1   | Receptacle                                                           |     |
| 3    | 4461249     | 1   | Plug, Male                                                           |     |
| 4    | 1001100346  | 1   | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461250) |     |

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FIGURE 7-36. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)



ART\_0275452

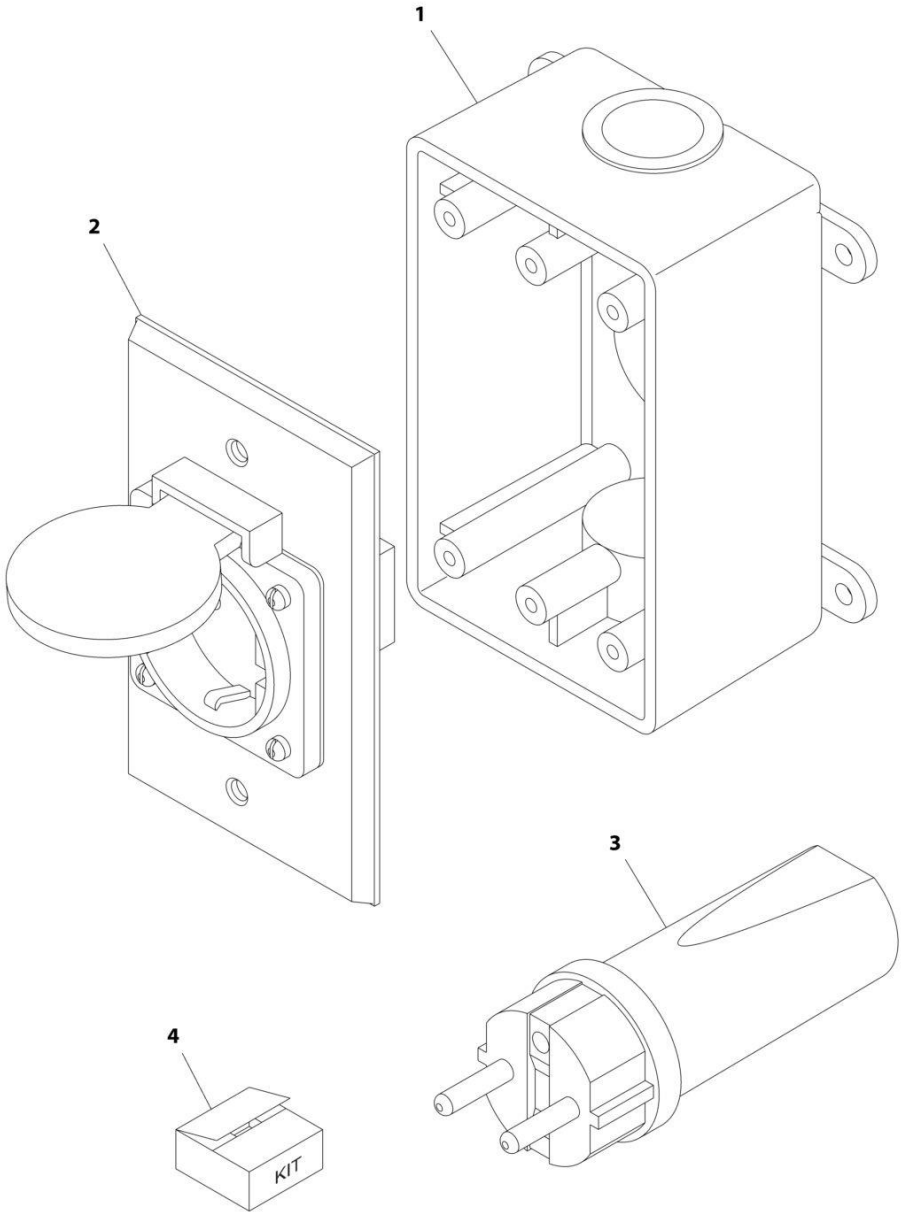
## SECTION 7 - ELECTRICAL

**FIGURE 7-36. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                          | REV |
|------|-------------|-----|----------------------------------------------------------------------|-----|
|      | 0275452     | Ref | RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE SPEC)                 | C   |
| 1    | 0861731     | 1   | Box, Switch                                                          |     |
| 2    | 4461244     | 1   | Receptacle                                                           |     |
| 3    | 4461202     | 1   | Plug, Male (SN 0300211844 through 0300218318)                        |     |
| 3    | 4461205     | 1   | Plug, Male (SN 0300218319 through 0300272206)                        |     |
| 4    | 1001100345  | 1   | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206) |     |

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FIGURE 7-37. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)



ART\_0275453



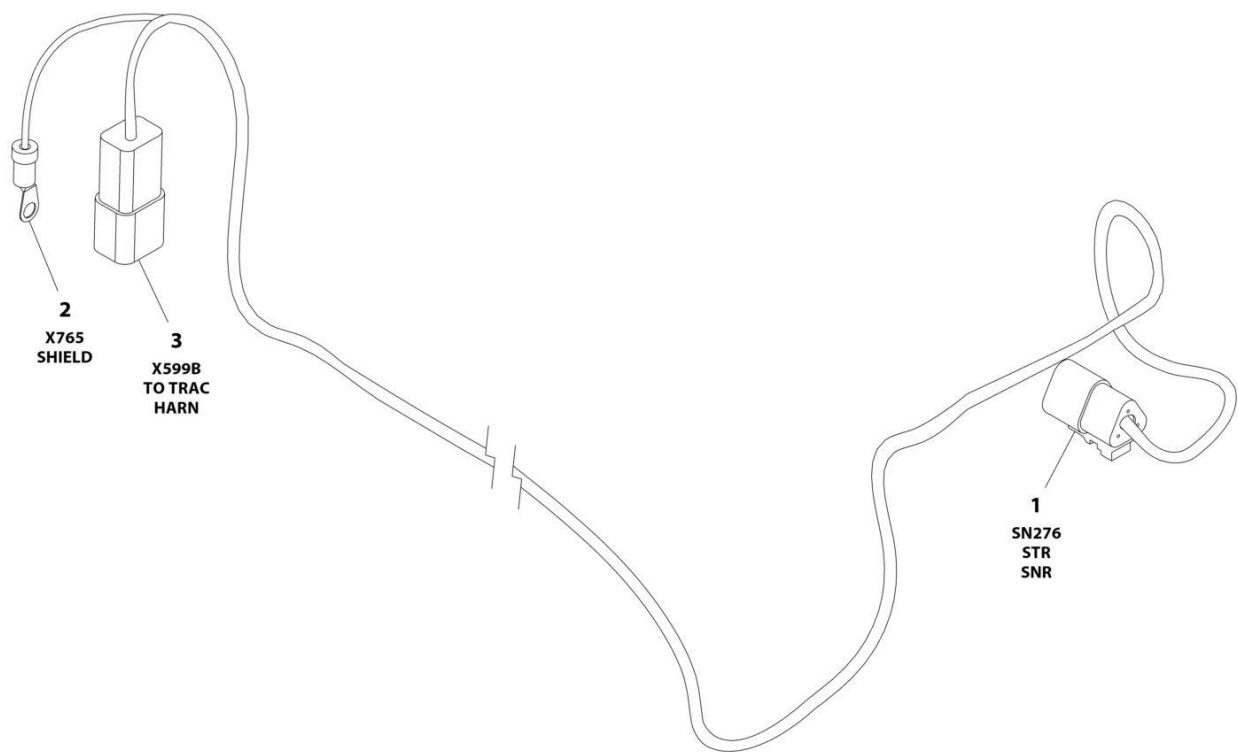
## SECTION 7 - ELECTRICAL

**FIGURE 7-37. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE SPEC)**

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

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FIGURE 7-38. STEER SENSOR HARNESS



ART\_1001192113

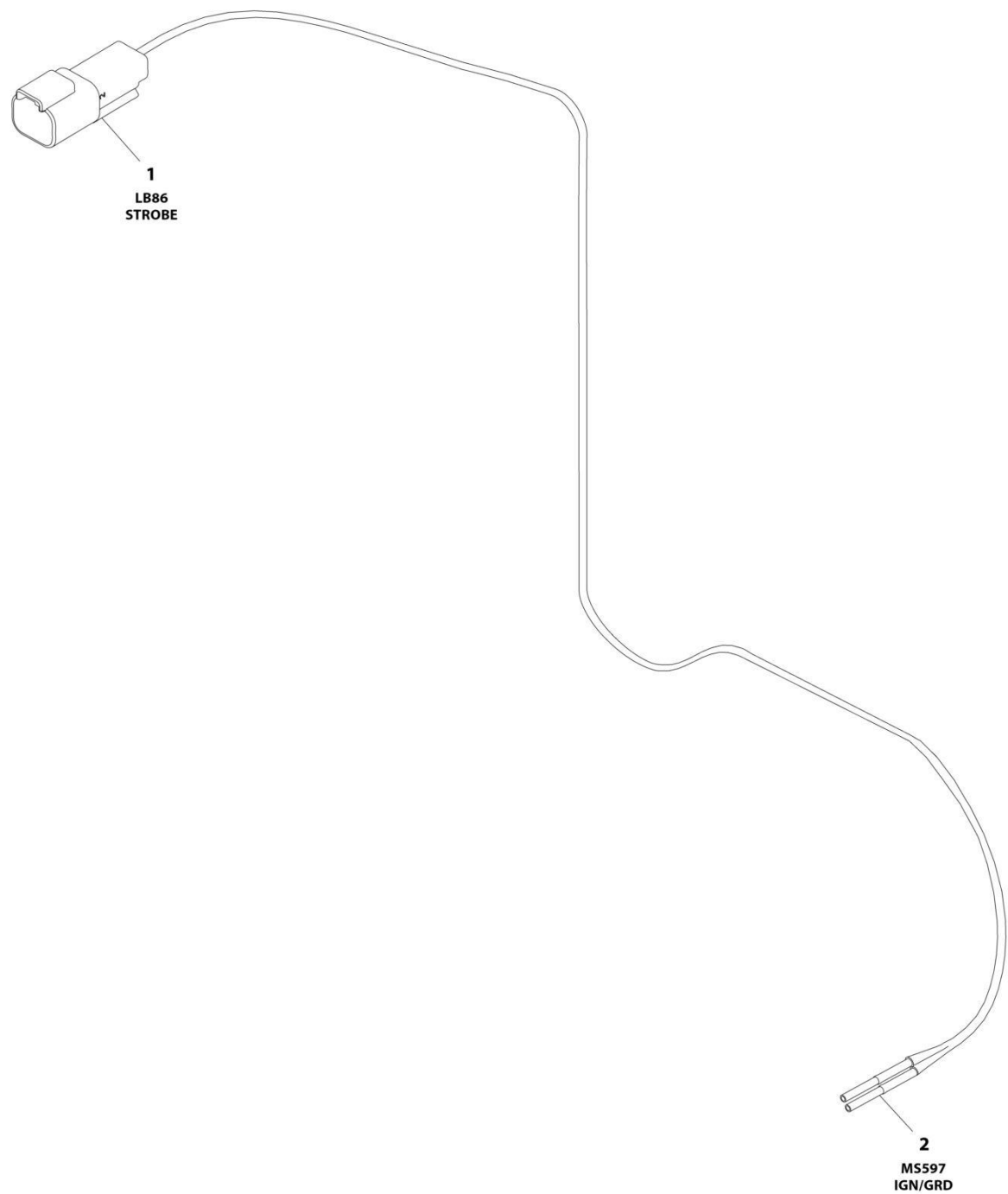
## SECTION 7 - ELECTRICAL

**FIGURE 7-38. STEER SENSOR HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                     | REV |
|------|-------------|-----|---------------------------------|-----|
|      | 1001192113  | Ref | STEER SENSOR HARNESS            | E   |
| 1    | 4460539     | 1   | Plug, Male - 3 Position         |     |
| 1    | 4460465     | 3   | Socket, Female                  |     |
| 2    | 4460142     | 1   | Terminal, Ring                  |     |
| 3    | 4460932     | 1   | Receptacle, Female - 4 Position |     |
| 3    | 4460464     | 3   | Pin, Male                       |     |
| 3    | 4460466     | 1   | Plug, Terminal                  |     |

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FIGURE 7-39. STROBE LIGHT HARNESS - AMBER LIGHT



ART\_1001194071

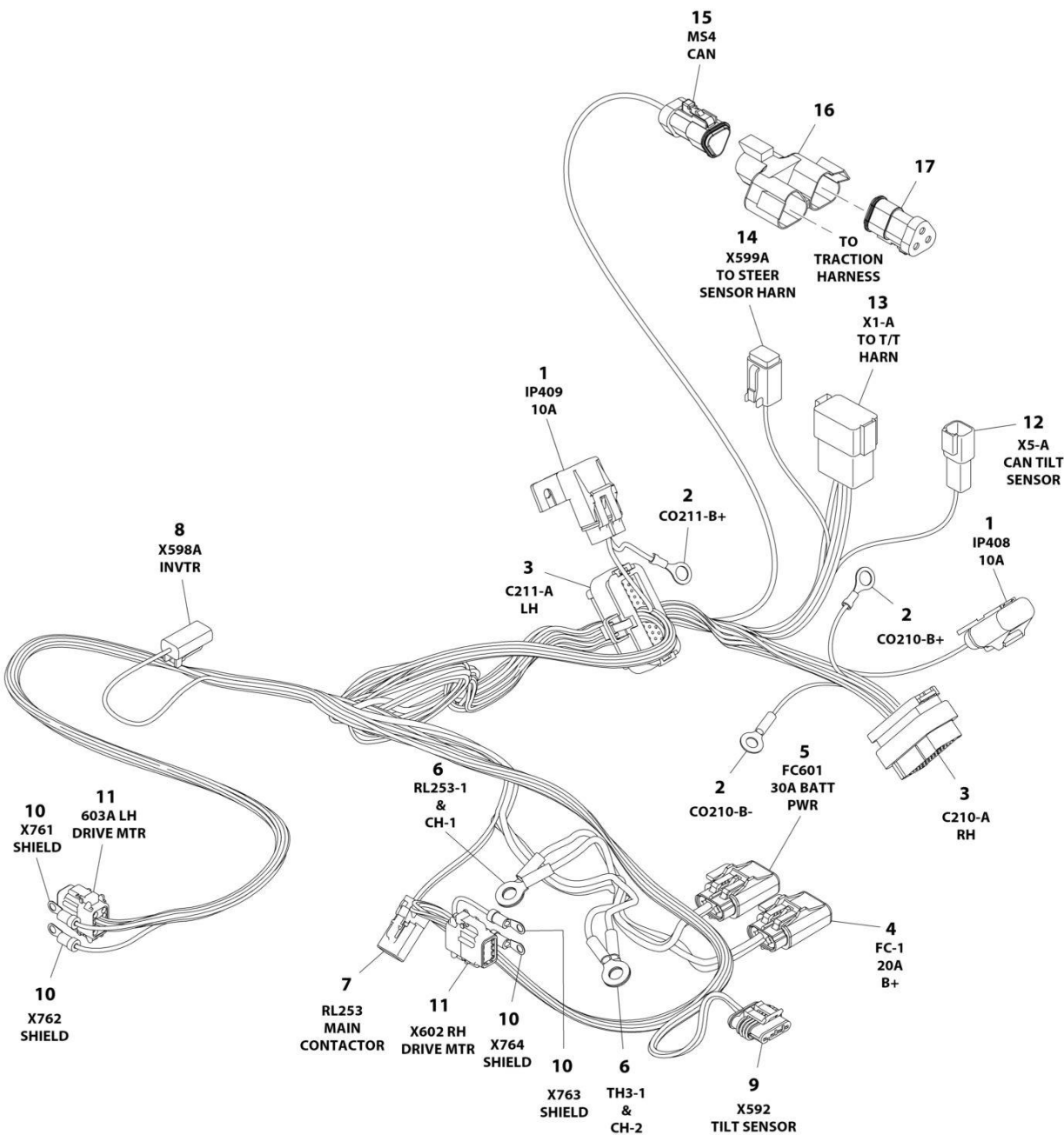
## SECTION 7 - ELECTRICAL

**FIGURE 7-39. STROBE LIGHT HARNESS - AMBER LIGHT**

| ITEM | PART NUMBER | QTY | DESCRIPTION                        | REV |
|------|-------------|-----|------------------------------------|-----|
|      | 1001194071  | Ref | STROBE LIGHT HARNESS - AMBER LIGHT | C   |
| 1    | 4460897     | 1   | Receptacle, Female - 2 Position    |     |
| 1    | 4460464     | 2   | Pin, Male                          |     |
| 2    | 4460465     | 2   | Socket, Female                     |     |

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FIGURE 7-40. TRACTION MODULE TO DRIVE HARNESS



ART\_1001192110

## SECTION 7 - ELECTRICAL

**FIGURE 7-40. TRACTION MODULE TO DRIVE HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                      | REV |
|------|-------------|-----|----------------------------------|-----|
|      | 1001192110  | Ref | TRACTION MODULE TO DRIVE HARNESS | H   |
| 1    | 1001201642  | 2   | Fuse Assembly with Cap - 10Amp   |     |
| 1    | 1001096134  | 2   | Cover                            |     |
| 1    | 1001116733  | 4   | Terminal                         |     |
| 1    | 1001217843  | 2   | Fuseholder                       |     |
| 1    | 1001217842  | 2   | Cover                            |     |
| 1    | 8229234     | 2   | Fuse 10Amp                       |     |
| 1    | 1001116733  | 4   | Terminal                         |     |
| 2    | 4460670     | 3   | Terminal, Ring                   |     |
| 3    | 4460873     | 1   | Connector - 35 Position          |     |
| 3    | 4460871     | 27  | Socket, Female                   |     |
| 3    | 4460905     | 43  | Plug, Terminal                   |     |
| 4    | 1001177069  | 1   | Fuse Assembly with Cap - 20Amp   |     |
| 4    | 1001096134  | 1   | Cover                            |     |
| 4    | 1001116734  | 2   | Terminal                         |     |
| 4    | 1001217844  | 1   | Fuseholder                       |     |
| 4    | 1001217842  | 1   | Cover                            |     |
| 4    | 8229235     | 1   | Fuse 20Amp                       |     |
| 4    | 1001116734  | 2   | Terminal                         |     |
| 5    | 1001117070  | 1   | Fuse Assembly with Cap - 30Amp   |     |
| 5    | 1001096134  | 1   | Cover                            |     |
| 5    | 1001116734  | 2   | Terminal                         |     |
| 5    | 1001217844  | 1   | Fuseholder                       |     |
| 5    | 1001217842  | 1   | Cover                            |     |
| 5    | 8229236     | 1   | Fuse 30Amp                       |     |
| 5    | 1001116734  | 2   | Terminal                         |     |
| 6    | 8220045     | 4   | Terminal, Ring                   |     |
| 7    | 1001126245  | 1   | Plug, Male - 2 Position          |     |
| 7    | 1001126008  | 2   | Socket, Female                   |     |
| 8    | 4460891     | 1   | Plug, Male - 2 Position          |     |
| 8    | 4460465     | 1   | Socket, Female                   |     |
| 8    | 4460466     | 1   | Plug, Terminal                   |     |
| 9    | 1001103012  | 1   | Plug, Male - 4 Position          |     |
| 9    | 1001107854  | 4   | Terminal                         |     |
| 9    | 1001104498  | 4   | Seal                             |     |
| 10   | 4460042     | 4   | Terminal, Ring                   |     |
| 11   | 1001190577  | 1   | Plug, Male - 8 Position          |     |
| 11   | 1001126008  | 16  | Socket, Female                   |     |
| 12   | 4460897     | 1   | Receptacle, Female - 2 Position  |     |
| 12   | 4460464     | 2   | Pin, Male                        |     |
| 13   | 4460950     | 1   | Receptacle, Female - 12 Position |     |
| 13   | 1001157891  | 4   | Pin, Male                        |     |
| 13   | 4460464     | 6   | Pin, Male                        |     |
| 13   | 4460466     | 2   | Plug, Terminal                   |     |
| 14   | 4460884     | 1   | Plug, Male - 4 Position          |     |
| 14   | 4460465     | 3   | Socket, Female                   |     |
| 14   | 4460466     | 1   | Plug, Terminal                   |     |
| 15   | 1001116812  | 1   | Plug, Male - 3 Position          |     |
| 15   | 4460944     | 2   | Socket, Female                   |     |
| 15   | 4460466     | 1   | Plug, Terminal                   |     |

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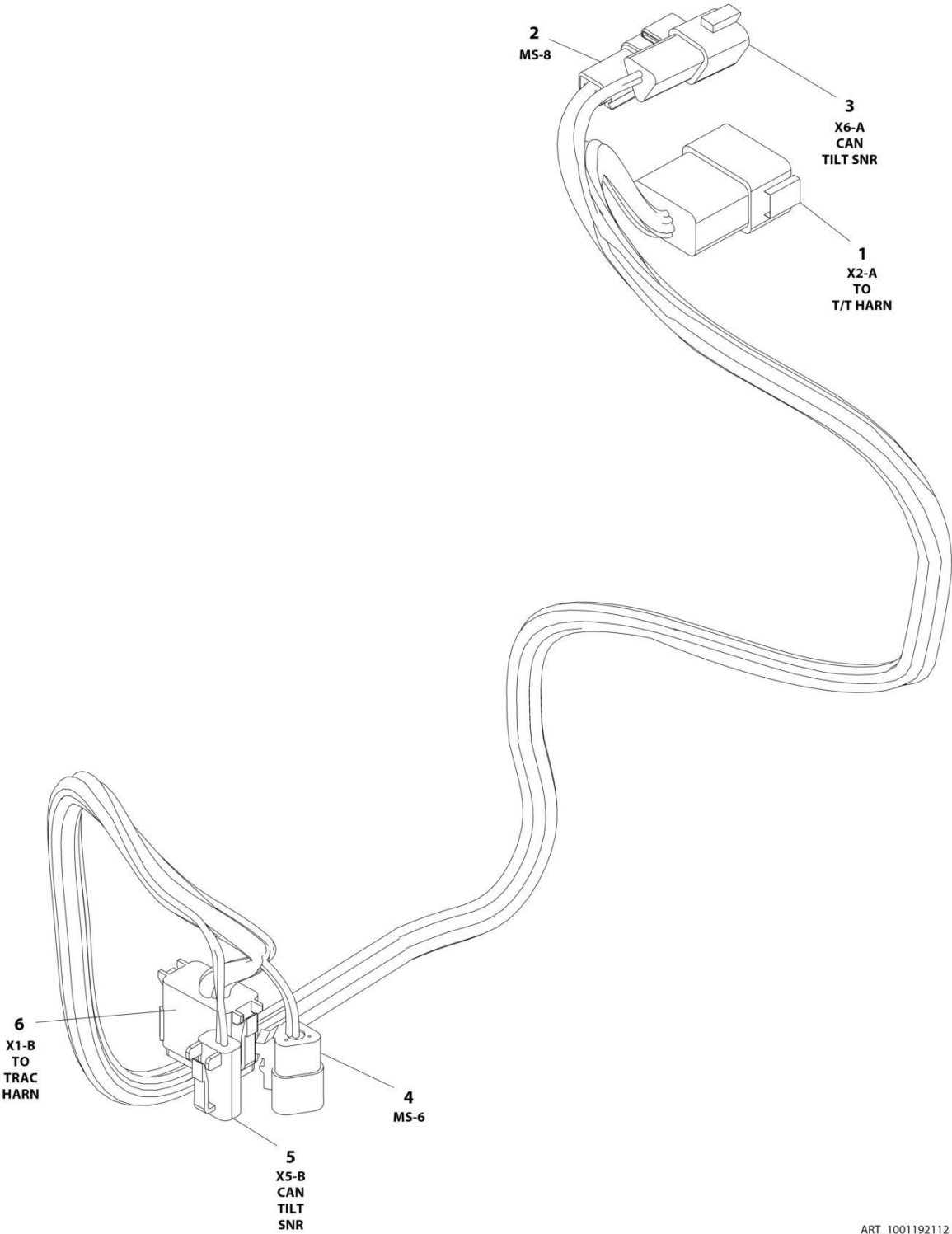
| ITEM | PART NUMBER | QTY | DESCRIPTION       | REV |
|------|-------------|-----|-------------------|-----|
| 16   | 4460945     | 1   | Connector - 3 Way |     |
| 17   | 1001116815  | 1   | Resistor Assembly |     |





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FIGURE 7-41. TRACTION MODULE TO TURNTABLE HARNESS



ART\_1001192112

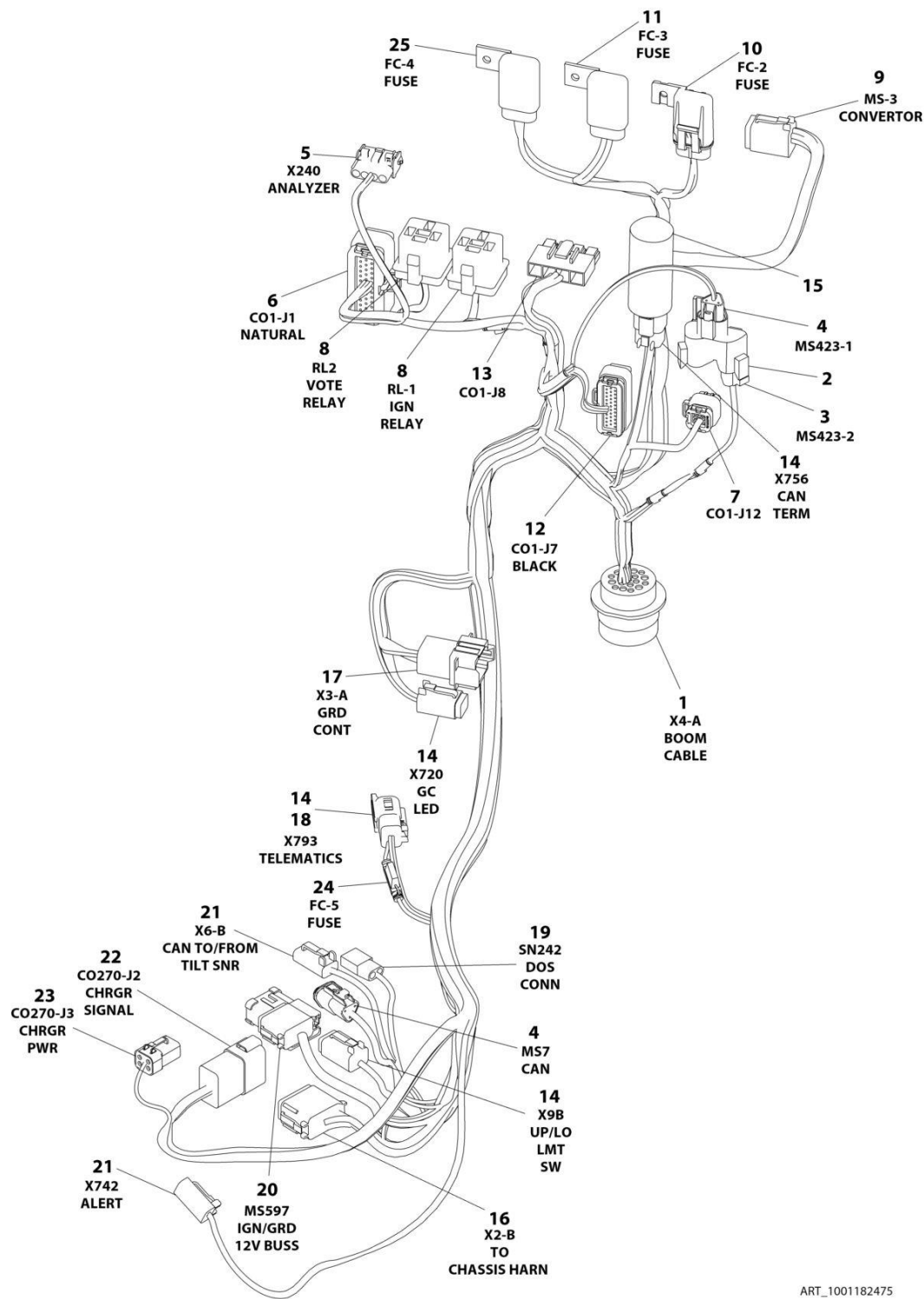
## SECTION 7 - ELECTRICAL

**FIGURE 7-41. TRACTION MODULE TO TURNTABLE HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION                          | REV |
|------|-------------|-----|--------------------------------------|-----|
|      | 1001192112  | Ref | TRACTION MODULE TO TURNTABLE HARNESS | E   |
| 1    | 4460950     | 1   | Receptacle, Female - 12 Position     |     |
| 1    | 1001157891  | 4   | Pin, Male                            |     |
| 1    | 4460464     | 6   | Pin, Male                            |     |
| 1    | 4460466     | 2   | Plug, Terminal                       |     |
| 2    | 1001144147  | 1   | Receptacle, Female - 3 Position      |     |
| 2    | 4460943     | 2   | Pin, Male                            |     |
| 2    | 4460466     | 1   | Plug, Terminal                       |     |
| 3    | 4460897     | 1   | Receptacle, Female - 2 Position      |     |
| 3    | 4460464     | 2   | Pin, Male                            |     |
| 4    | 4460539     | 1   | Plug, Male - 3 Position              |     |
| 4    | 4460944     | 2   | Socket, Female                       |     |
| 4    | 4460466     | 1   | Plug, Terminal                       |     |
| 5    | 4460891     | 1   | Plug, Male - 2 Position              |     |
| 5    | 4460465     | 2   | Socket, Female                       |     |
| 6    | 4460836     | 1   | Plug, Male - 12 Position             |     |
| 6    | 1001157890  | 4   | Socket, Female                       |     |
| 6    | 4460465     | 6   | Socket, Female                       |     |
| 6    | 4460466     | 1   | Plug, Terminal                       |     |

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FIGURE 7-42. TURNTABLE HARNESS



ART\_1001182475

## SECTION 7 - ELECTRICAL

### FIGURE 7-42. TURNTABLE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
|      | 1001182475  | Ref | TURNTABLE HARNESS                                                         | G   |
| 1    | 4460866     | 1   | Connector - 19 Position                                                   |     |
| 1    | 4460943     | 2   | Pin, Male                                                                 |     |
| 1    | 4460464     | 6   | Pin, Male                                                                 |     |
| 1    | 4460508     | 4   | Pin, Male                                                                 |     |
| 1    | 4460466     | 7   | Plug, Terminal                                                            |     |
| 2    | 4460945     | 1   | Receptacle, 3 Way                                                         |     |
| 2    | 1001173387  | 1   | Clip, Mounting                                                            |     |
| 3    | 4460539     | 1   | Plug, Male - 3 Position                                                   |     |
| 3    | 4460944     | 2   | Socket, Female                                                            |     |
| 3    | 4460466     | 1   | Plug, Terminal                                                            |     |
| 4    | 1001116812  | 2   | Plug, Male - 3 Position                                                   |     |
| 4    | 4460944     | 4   | Socket, Female                                                            |     |
| 4    | 4460466     | 2   | Plug, Terminal                                                            |     |
| 5    | 4460761     | 1   | Receptacle, Female - 4 Position                                           |     |
| 5    | 4460227     | 4   | Pin, Male                                                                 |     |
| 6    | 4460874     | 1   | Connector - 35 Position                                                   |     |
| 6    | 4460871     | 8   | Socket, Female                                                            |     |
| 6    | 4460905     | 27  | Plug, Terminal                                                            |     |
| 7    | 1001113961  | 1   | Plug, Male - 8 Position                                                   |     |
| 7    | 4460871     | 3   | Socket, Female                                                            |     |
| 7    | 4460905     | 5   | Plug, Terminal                                                            |     |
| 8    | 1001203734  | 2   | Plug, Relay                                                               |     |
| 8    | 1001116732  | 6   | Terminal                                                                  |     |
| 8    | 1001116733  | 2   | Terminal                                                                  |     |
| 9    | 4460894     | 1   | Plug, Male - 6 Position                                                   |     |
| 9    | 1001157890  | 5   | Socket, Female                                                            |     |
| 9    | 4460465     | 1   | Socket, Female                                                            |     |
| 10   | 1001117024  | 1   | Fuseholder with Cover and Fuse - 15Amp (SN 0300211844 through 0300226255) |     |
| 10   | 1001096134  | 1   | Cover                                                                     |     |
| 10   | See Note    | 1   | Fuse 15Amp ATO (Note: Use p/n 1001117024 or Purchase Locally)             |     |
| 10   | 1001217844  | 1   | Fuseholder (SN 0300226256 through 0300272206)                             |     |
| 10   | 1001217842  | 1   | Cover                                                                     |     |
| 10   | 8229237     | 1   | Fuse 15Amp ATO                                                            |     |
| 11   | 1001117023  | 1   | Fuseholder with Cover and Fuse - 10Amp (SN 0300211844 through 0300226255) |     |
| 11   | 1001096134  | 1   | Cover                                                                     |     |
| 11   | See Note    | 1   | Fuse 10Amp ATO (Note: Use p/n 1001117023 or Purchase Locally)             |     |
| 11   | 1001217844  | 1   | Fuseholder (SN 0300226256 through 0300272206)                             |     |
| 11   | 1001217842  | 1   | Cover                                                                     |     |
| 11   | 8229237     | 1   | Fuse 5Amp ATO                                                             |     |
| 12   | 4460873     | 1   | Connector - 35 Position                                                   |     |
| 12   | 4460871     | 16  | Socket, Female                                                            |     |
| 12   | 4460905     | 19  | Plug, Terminal                                                            |     |
| 13   | 4460878     | 1   | Receptacle, Female - 4 Position                                           |     |
| 13   | 4460897     | 4   | Terminal                                                                  |     |
| 14   | 4460884     | 4   | Plug, Male - 4 Position                                                   |     |

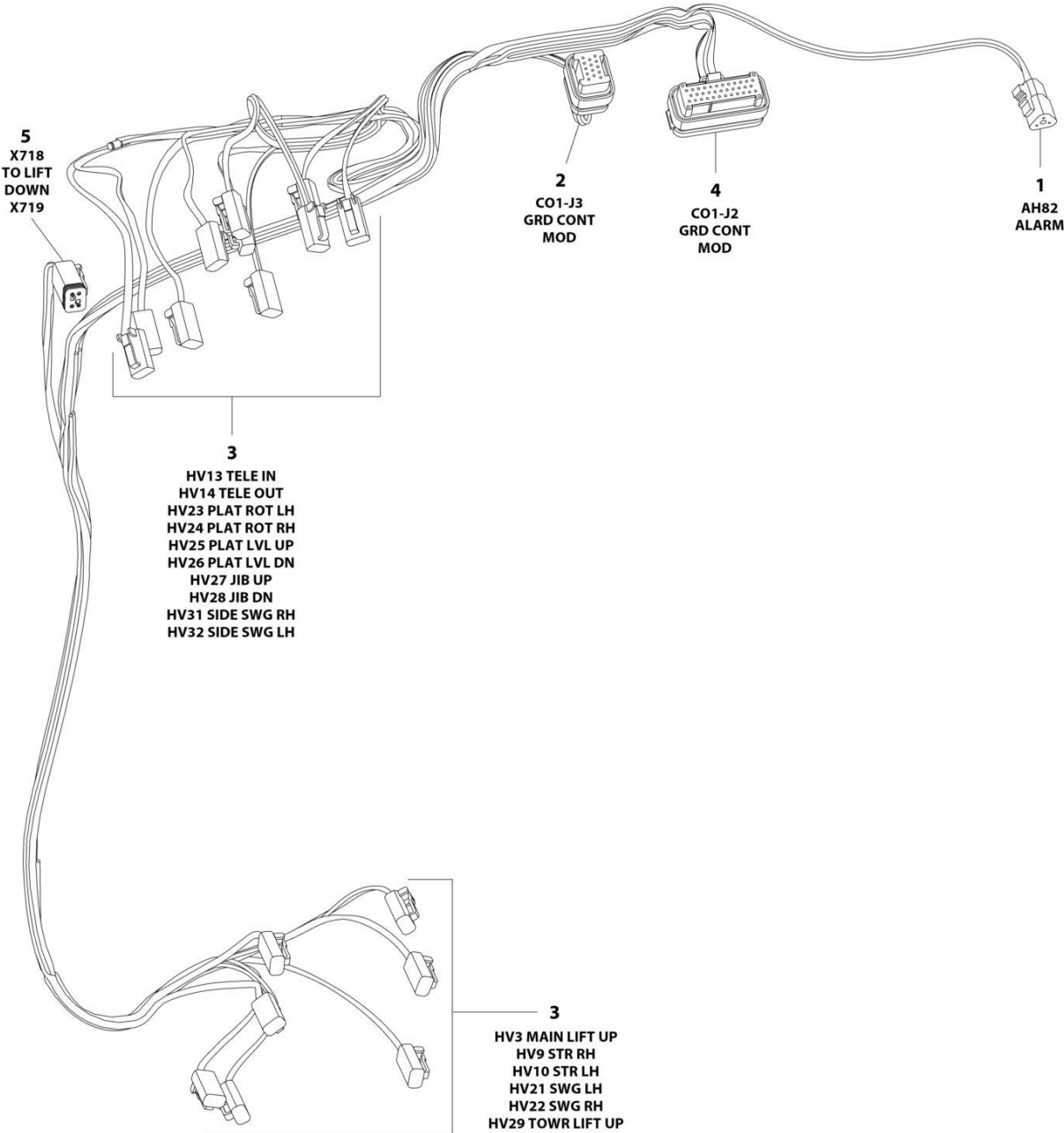
## SECTION 7 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                               | REV |
|------|-------------|-----|---------------------------------------------------------------------------|-----|
| 14   | 4460465     | 16  | Socket, Female                                                            |     |
| 15   | 1001186231  | 1   | Resistor Assembly                                                         |     |
| 16   | 4460836     | 1   | Plug, Male - 12 Position                                                  |     |
| 16   | 1001157890  | 4   | Socket, Female                                                            |     |
| 16   | 4460465     | 6   | Socket, Female                                                            |     |
| 16   | 4460466     | 2   | Plug, Terminal                                                            |     |
| 17   | 1001116813  | 1   | Receptacle, Female - 8 Position                                           |     |
| 17   | 4460464     | 5   | Pin, Male                                                                 |     |
| 17   | 1001157891  | 2   | Pin, Male                                                                 |     |
| 17   | 4460466     | 1   | Plug, Terminal                                                            |     |
| 18   | 1001192401  | 1   | Cap, Dust                                                                 |     |
| 19   | 4460424     | 1   | Plug, Male - 2 Position                                                   |     |
| 19   | 4460226     | 2   | Socket, Female                                                            |     |
| 20   | 4460933     | 1   | Plug, Male - 12 Position                                                  |     |
| 20   | 1001157890  | 1   | Socket, Female                                                            |     |
| 20   | 4460465     | 1   | Socket, Female                                                            |     |
| 20   | 4460942     | 3   | Socket, Female                                                            |     |
| 20   | 4460466     | 6   | Plug, Terminal                                                            |     |
| 20   | 1001125677  | 1   | Bussbar- Female - 12 Position                                             |     |
| 21   | 4460891     | 2   | Plug, Male - 2 Position                                                   |     |
| 21   | 4460465     | 4   | Socket, Female                                                            |     |
| 22   | 4460931     | 1   | Receptacle, Female - 8 Position                                           |     |
| 22   | 4460464     | 6   | Pin, Male                                                                 |     |
| 22   | 4460466     | 2   | Plug, Terminal                                                            |     |
| 23   | 1001116810  | 1   | Plug, Male - 4 Position                                                   |     |
| 23   | 4460905     | 2   | Plug, Terminal                                                            |     |
| 23   | 4460466     | 2   | Plug, Terminal                                                            |     |
| 24   | 2400060     | 1   | Holder, Fuse (SN 0300226256 through 0300272206)                           |     |
| 24   | 8229242     | 1   | Fuse 5Amp (SN 0300226256 through 0300272206)                              |     |
| 25   | 1001117023  | 1   | Fuseholder with Cover and Fuse - 10Amp (SN 0300211844 through 0300226255) |     |
| 25   | 1001096134  | 1   | Cover                                                                     |     |
| 25   | See Note    | 1   | Fuse 10Amp ATO (Note: Use p/n 1001117023 or Purchase Locally)             |     |
| 25   | 1001217844  | 1   | Fuseholder (SN 0300226256 through 0300272206)                             |     |
| 25   | 1001217842  | 1   | Cover                                                                     |     |
| 25   | 8229235     | 1   | Fuse 20Amp ATO                                                            |     |



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FIGURE 7-43. VALVE HARNESS



ART\_1001182474



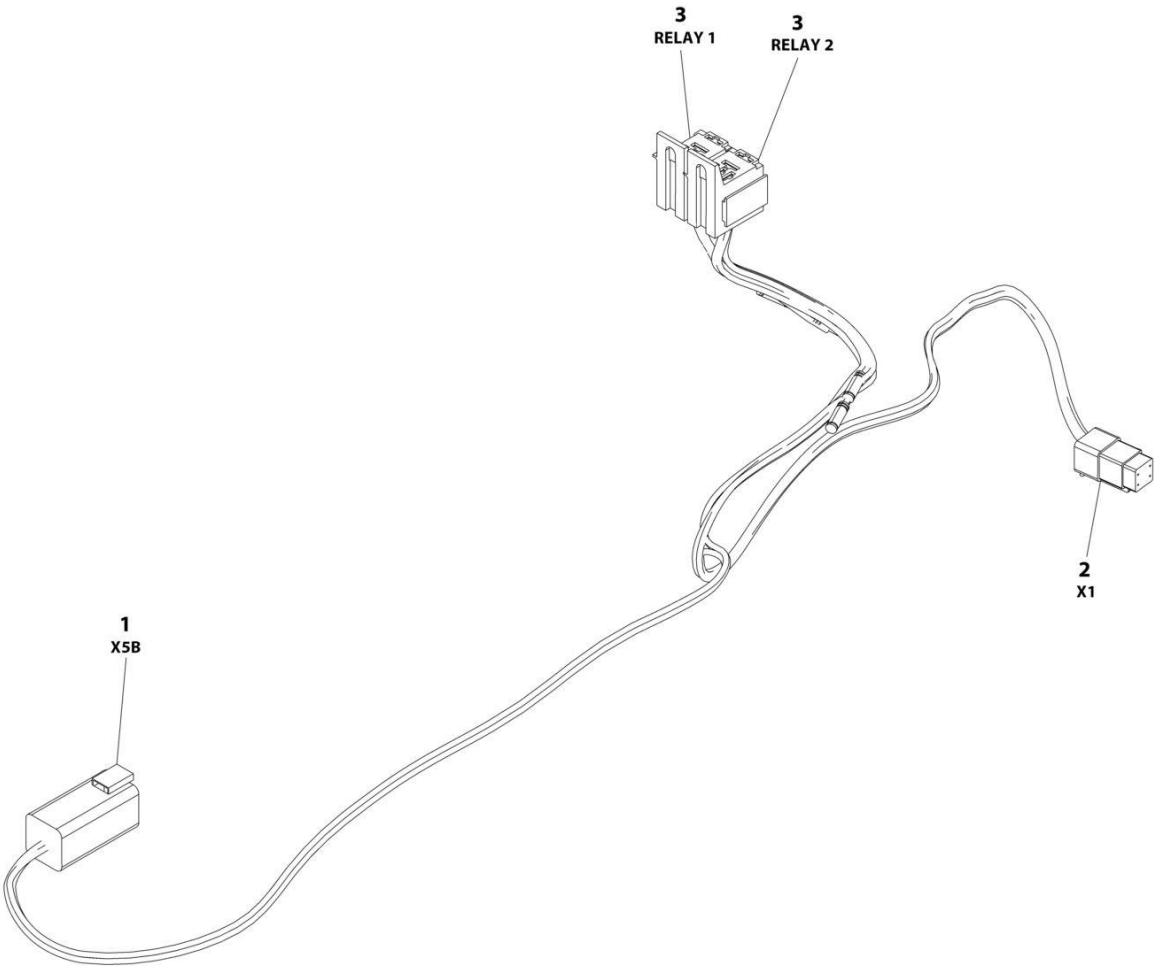
## SECTION 7 - ELECTRICAL

**FIGURE 7-43. VALVE HARNESS**

| ITEM | PART NUMBER | QTY | DESCRIPTION             | REV |
|------|-------------|-----|-------------------------|-----|
|      | 1001182474  | Ref | VALVE HARNESS           | F   |
| 1    | 4460539     | 1   | Plug, Male - 3 Position |     |
| 1    | 4460465     | 3   | Socket, Female          |     |
| 2    | 4460872     | 1   | Connector - 14 Position |     |
| 2    | 4460871     | 5   | Socket, Female          |     |
| 2    | 4460905     | 9   | Plug, Terminal          |     |
| 3    | 4460891     | 17  | Plug, Male - 2 Position |     |
| 3    | 4460465     | 34  | Socket, Female          |     |
| 4    | 4460875     | 1   | Connector - 35 Position |     |
| 4    | 4460871     | 24  | Socket, Female          |     |
| 4    | 4460905     | 11  | Plug, Terminal          |     |
| 5    | 1001205180  | 1   | Plug, Male - 4 Position |     |
| 5    | 4460465     | 4   | Socket, Female          |     |

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FIGURE 7-44. SKYLINE HARNESS



ART\_1001238418

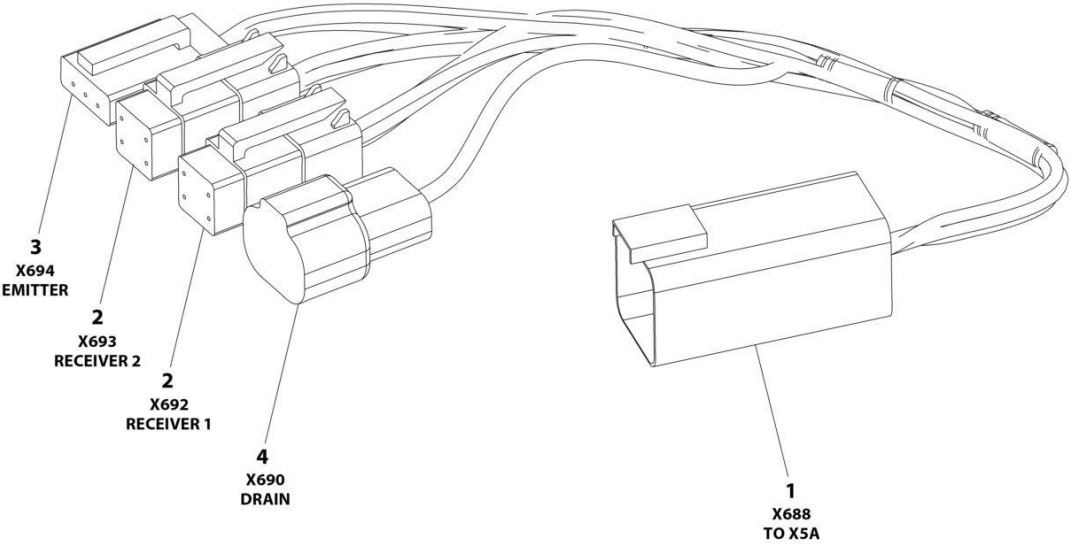
## SECTION 7 - ELECTRICAL

**FIGURE 7-44. SKYLINE HARNESS**

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

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FIGURE 7-45. SKYEYE INTERMEDIATE HARNESS



ART\_1001237865

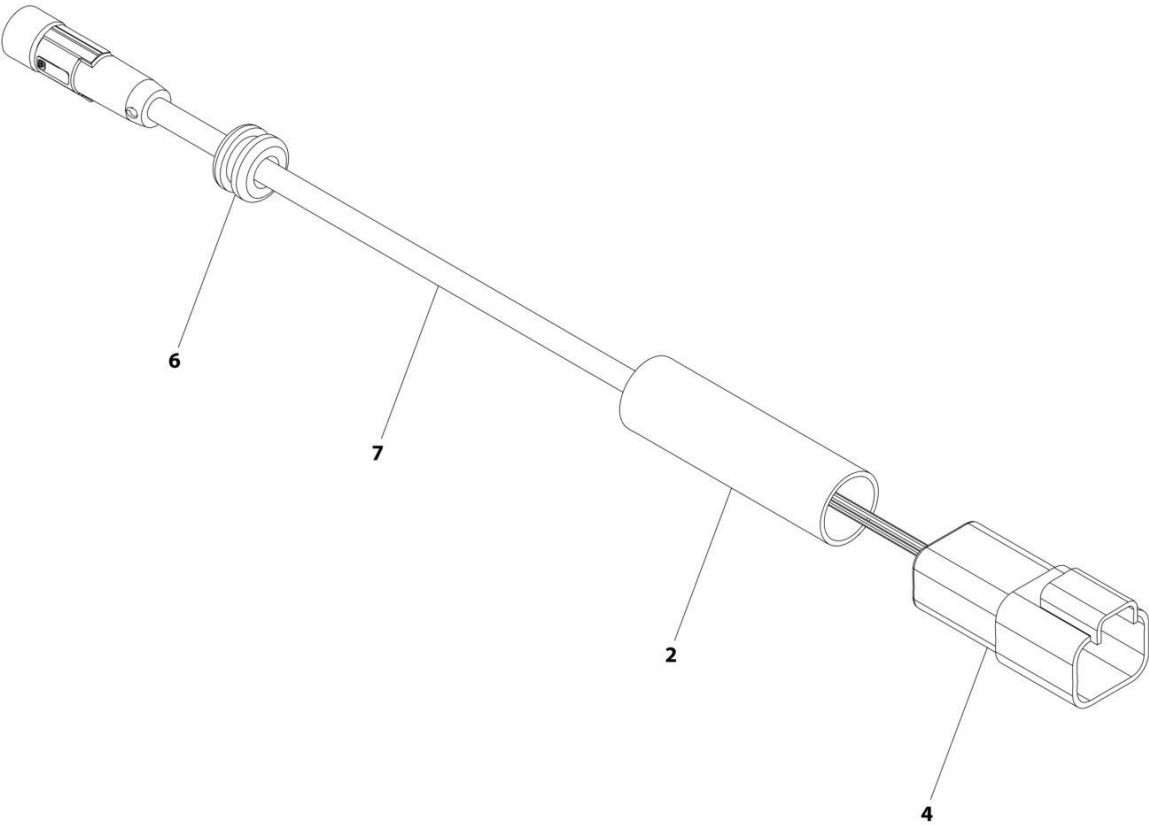
## SECTION 7 - ELECTRICAL

**FIGURE 7-45. SKYEYE INTERMEDIATE HARNESS**

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

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FIGURE 7-46. SKYEYE RECEIVER HARNESS



ART\_1001237863

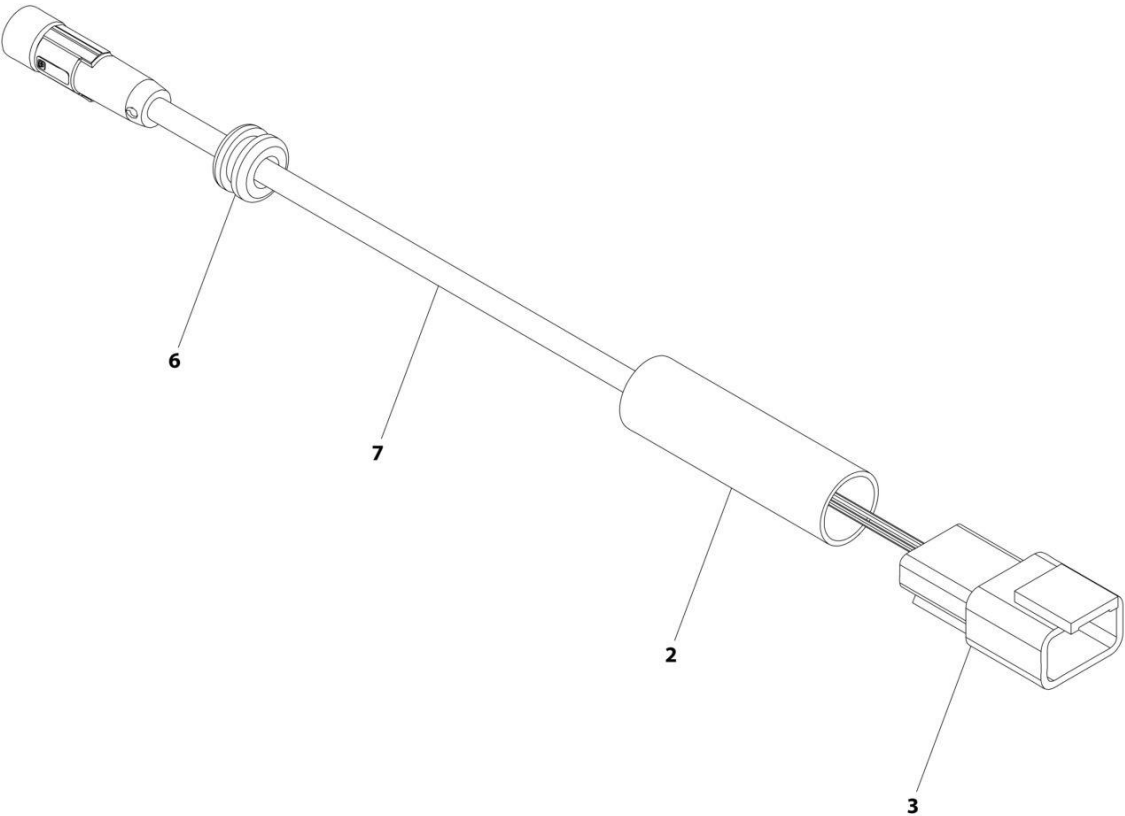
## SECTION 7 - ELECTRICAL

**FIGURE 7-46. SKYEYE RECEIVER HARNESS**

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

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FIGURE 7-47. SKYEYE EMITTER HARNESS



ART\_1001237864



## SECTION 7 - ELECTRICAL

**FIGURE 7-47. SKYEYE EMITTER HARNESS**

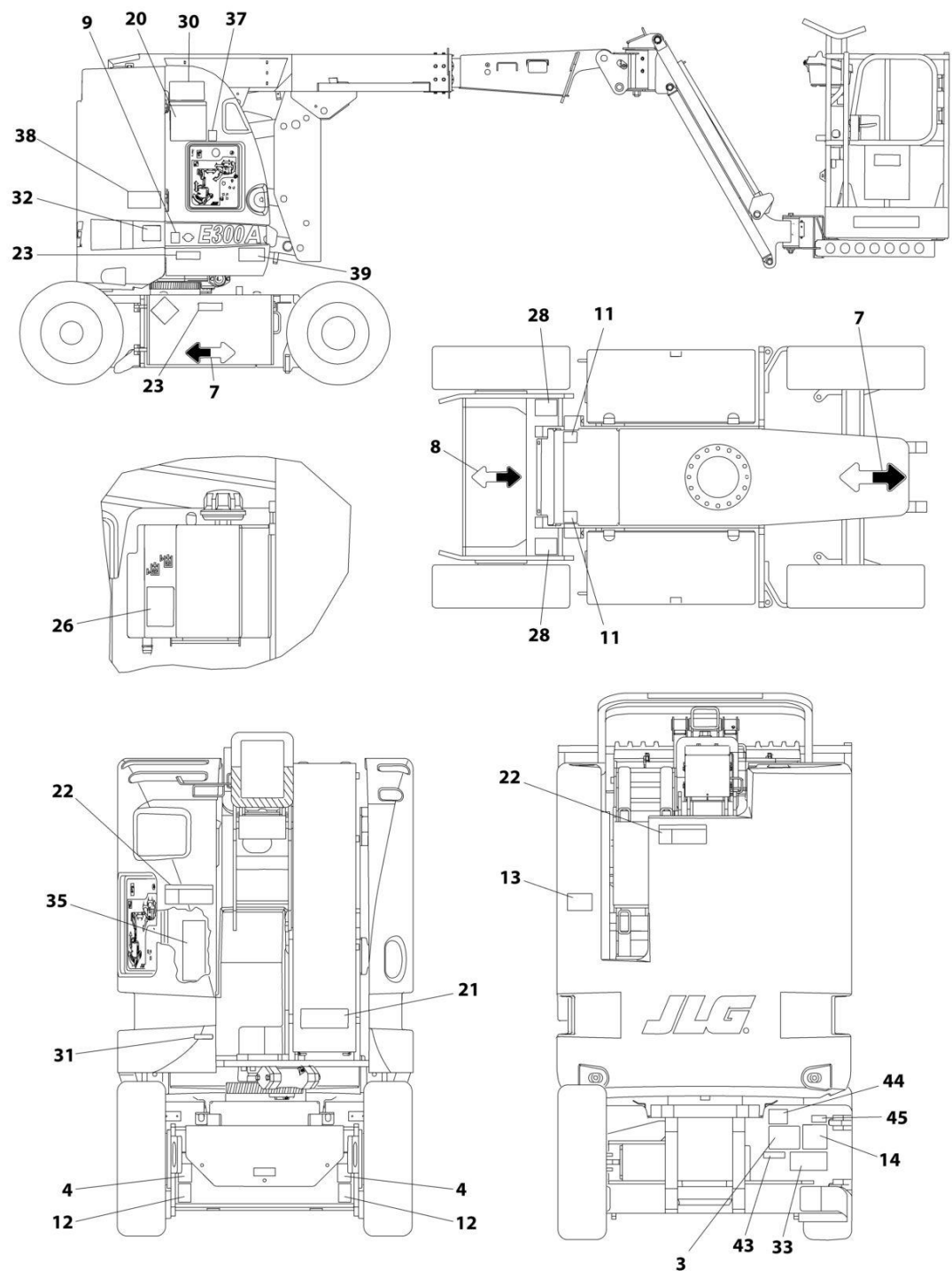
| ITEM | PART NUMBER | QTY | DESCRIPTION              | REV |
|------|-------------|-----|--------------------------|-----|
|      | 1001237864  | Ref | SKYEYE EMITTER HARNESS   | A   |
| 2    | 2820247     | AR  | Tubing, Heat Shrink      |     |
| 3    | 4460910     | 1   | Connector - 3 Position 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



**SECTION 8 - DECALS**

SECTION 8 - DECALS

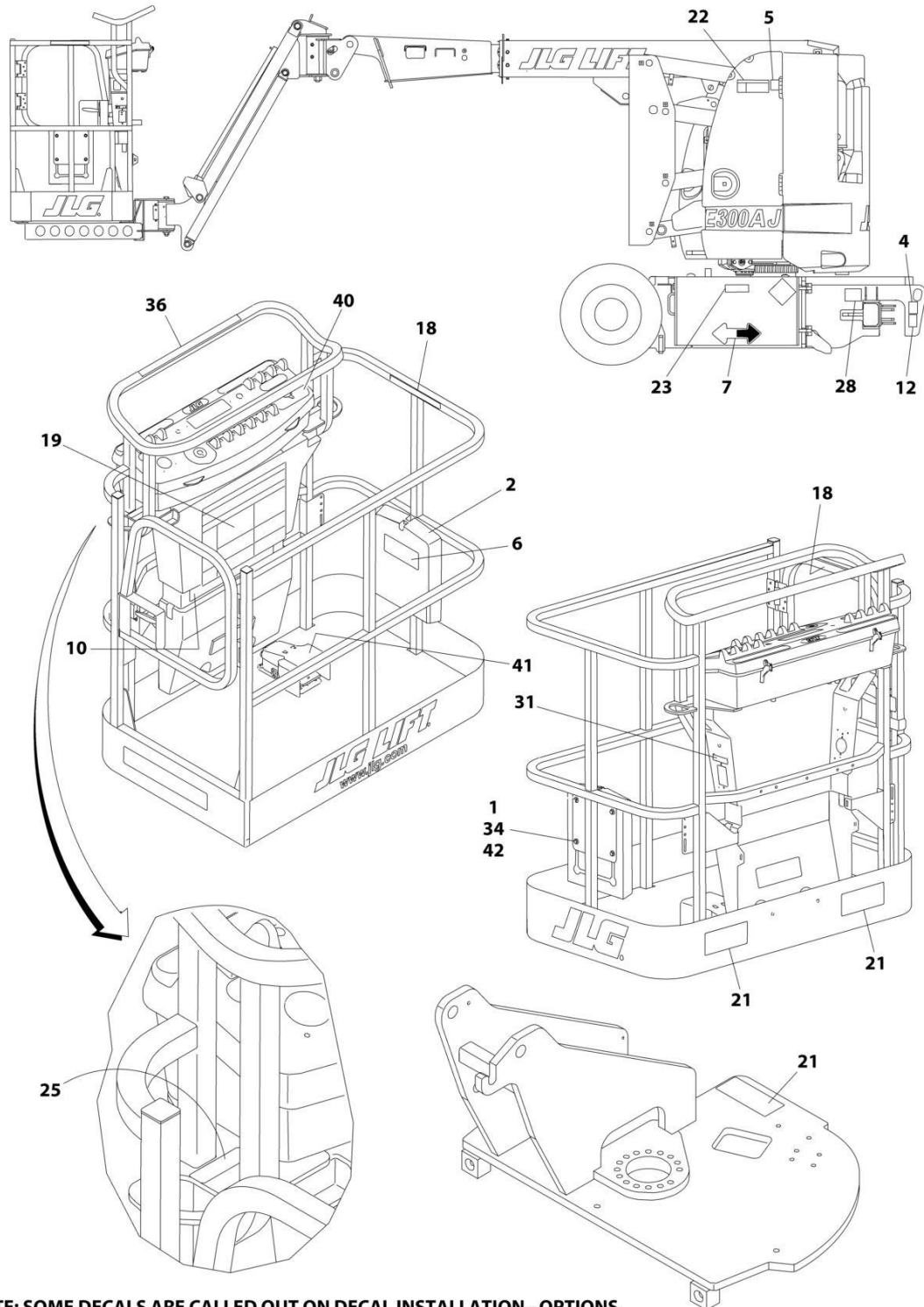
FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

ART\_1001176388\_1OF2

## SECTION 8 - DECALS



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

ART\_1001176388\_2OF2

## SECTION 8 - DECALS

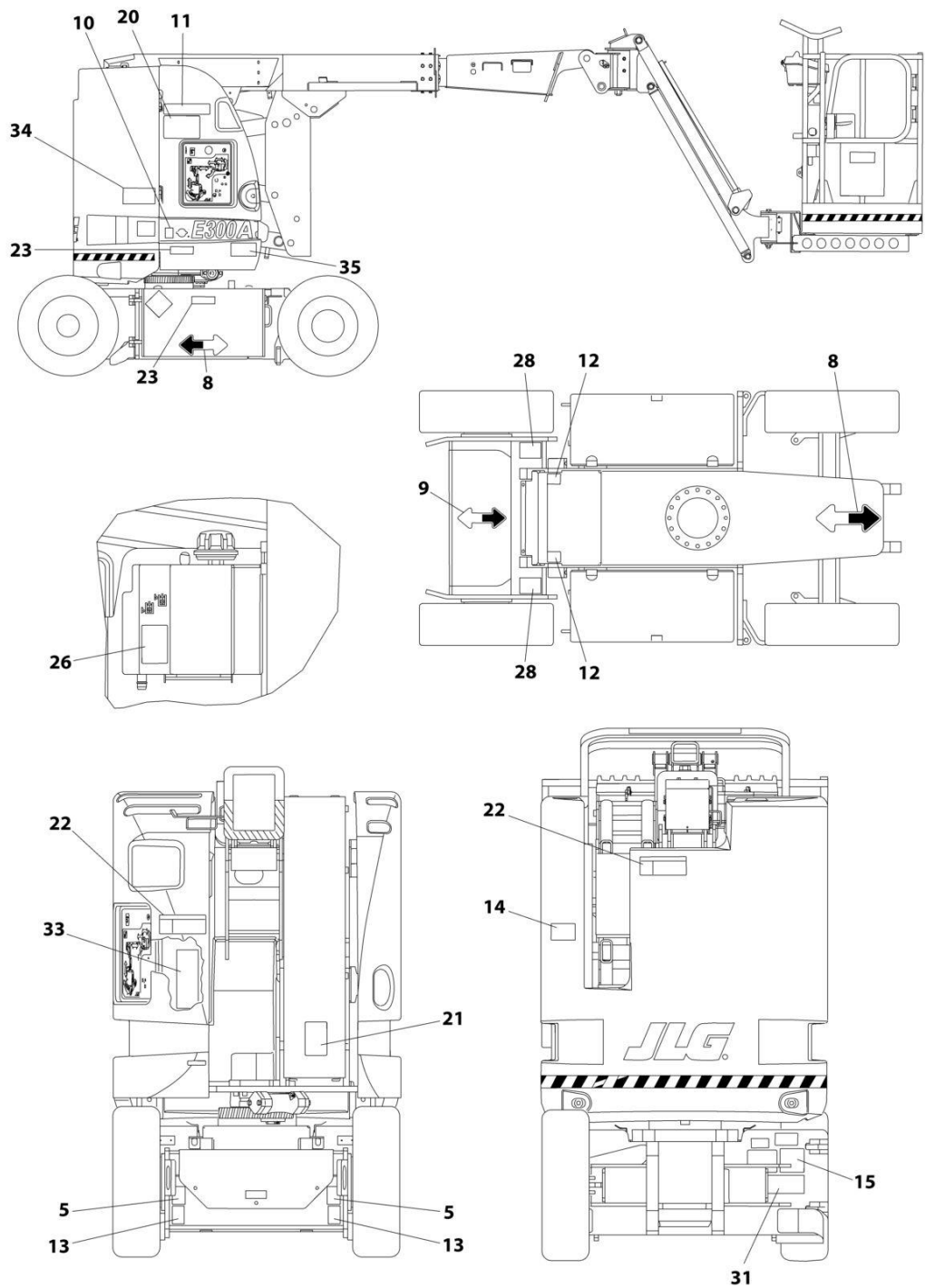
**FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176388  | Ref | DECAL INSTALLATION (ANSI SPEC)                               | I   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 2    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 3    | 1001131269  | 1   | Decal - Patent                                               |     |
| 4    | 1701500     | 4   | Decal - Lift                                                 |     |
| 5    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 6    | 1701509     | 1   | Decal - Manual                                               |     |
| 7    | 1701529     | 3   | Decal - Arrow                                                |     |
| 8    | 1701642     | 1   | Decal - Arrow                                                |     |
| 9    | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 10   | 1001121801  | 1   | Decal - 500Lbs Capacity                                      |     |
| 11   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 12   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 13   | 1702391     | 1   | Decal - Hand Crushing                                        |     |
| 14   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 18   | 1702868     | 2   | Decal - No Hands                                             |     |
| 19   | 1703797     | 1   | Decal - Danger/Warning                                       |     |
| 20   | 1703798     | 1   | Decal - Warning/Danger                                       |     |
| 21   | 1703804     | 4   | Decal - Warning Crushing                                     |     |
| 22   | 1703805     | 3   | Decal - Electrocution                                        |     |
| 23   | 1703813     | 3   | Decal - Warning Battery Ventilation                          |     |
| 25   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 26   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 28   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 30   | 1001121801  | 1   | Decal - 500Lbs Capacity                                      |     |
| 31   | 3251243     | 2   | Decal - 120V-60Hz                                            |     |
| 32   | 3251813     | 1   | Decal - USA                                                  |     |
| 33   | 3820001     | 2   | Rivet                                                        |     |
| 34   | 4751400     | 4   | Washer 1/4                                                   |     |
| 35   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 36   | 1001196811  | 1   | Decal - Platform Legend                                      |     |
| 37   | 1001110389  | 1   | Decal - Legend Ground                                        |     |
| 38   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 39   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 40   | 1705351     | 1   | Decal - Drive/Steer Instructions                             |     |
| 41   | 3252347     | 1   | Decal - Footswitch                                           |     |
| 42   | 3311405     | 4   | Nut 1/4                                                      |     |
| 43   | 1705514     | 1   | Decal - CSA                                                  |     |
| 44   | 1001223055  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |
| 45   | 1001228370  | 1   | Decal - CSA Ices (SN 0300233727 through 0300272206)          |     |



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FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN/CE SPECS)

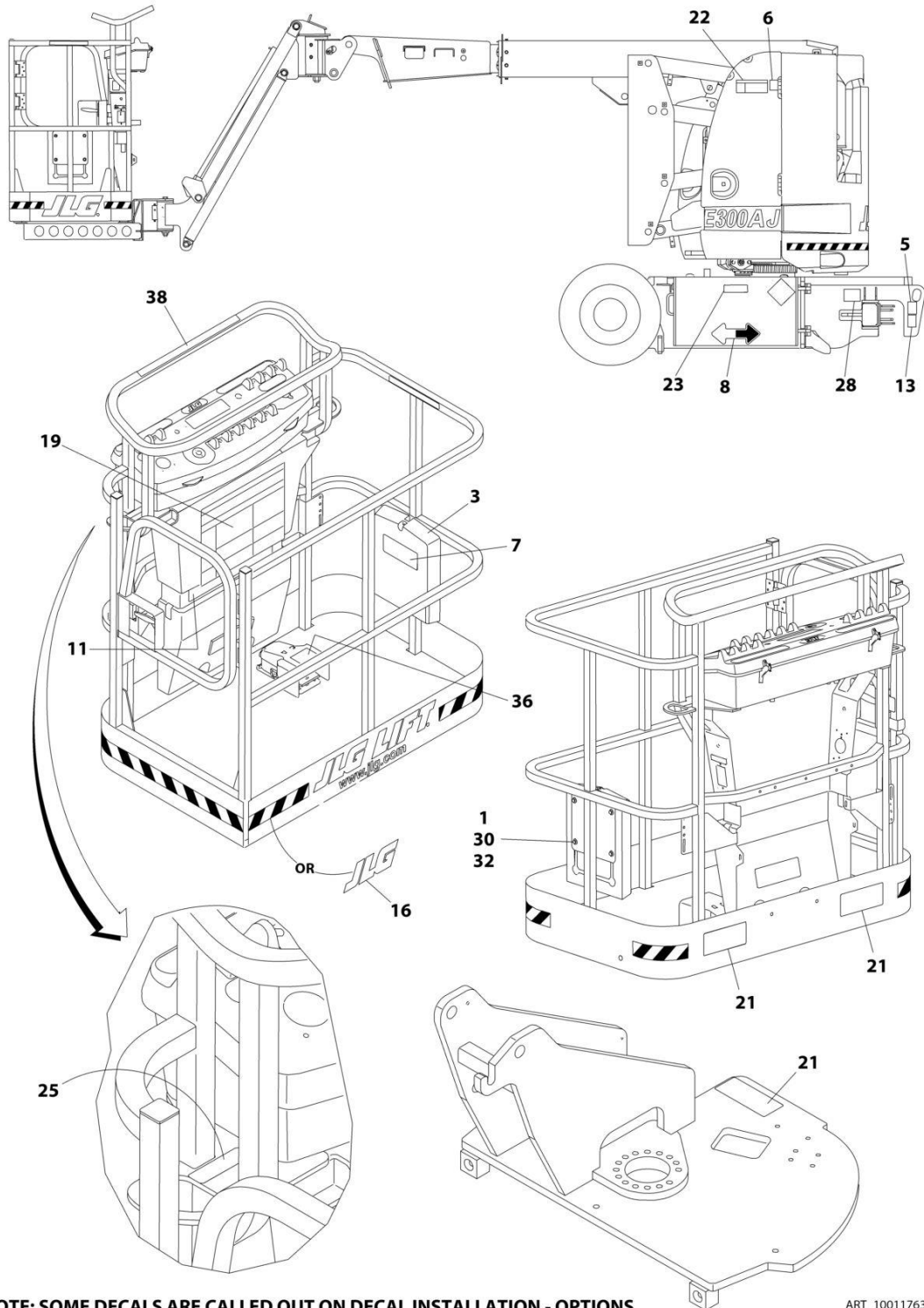


NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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## SECTION 8 - DECALS



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

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## SECTION 8 - DECALS

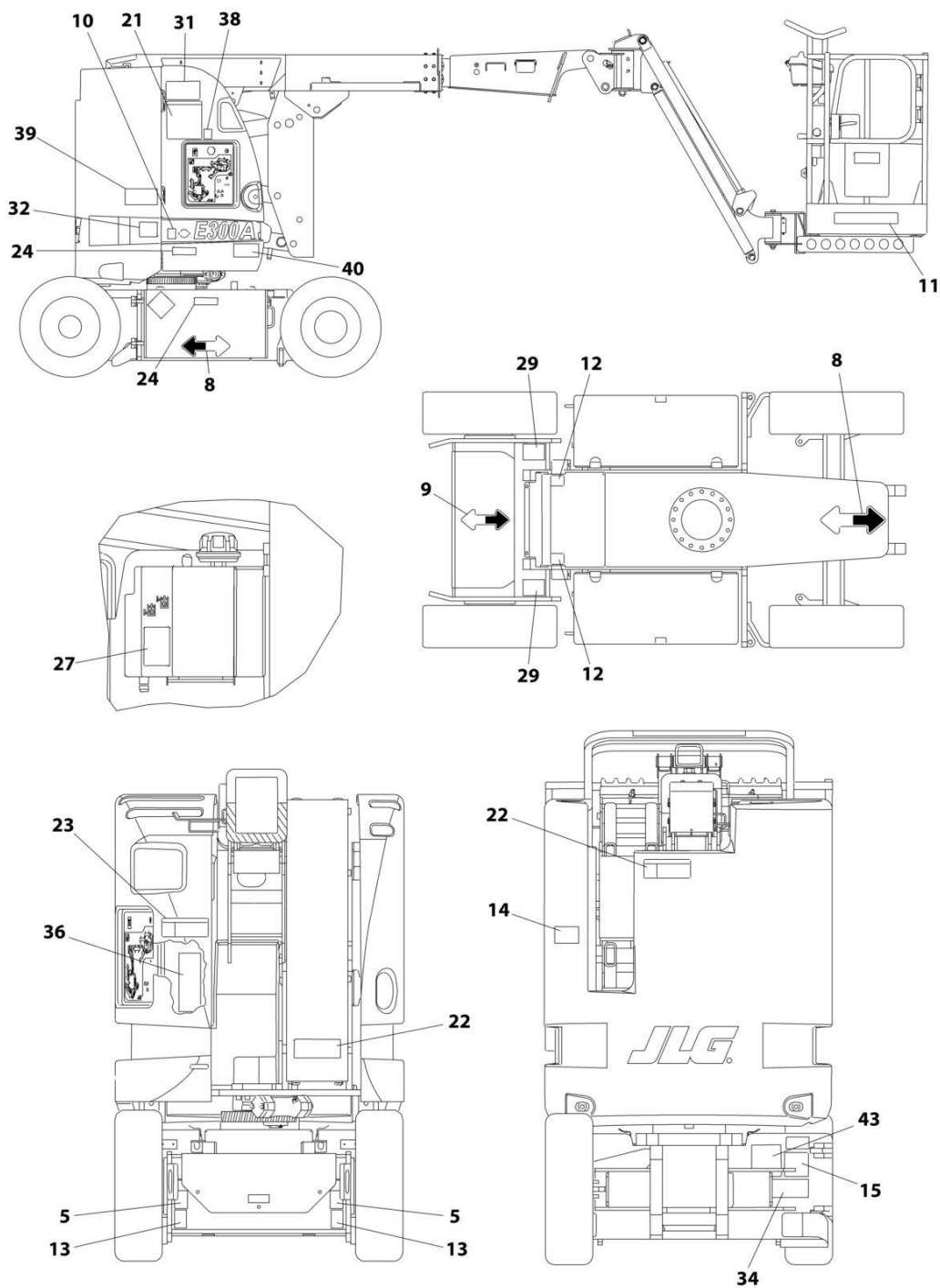
**FIGURE 8-2. DECAL INSTALLATION (AUSTRALIAN/CE SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                | REV |
|------|-------------|-----|------------------------------------------------------------|-----|
|      | 1001176391  | Ref | DECAL INSTALLATION (AUSTRALIAN/CE SPECS)                   | G   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                             |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                        |     |
| 5    | 1701500     | 4   | Decal - Lift                                               |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                      |     |
| 7    | 1701509     | 1   | Decal - Manual                                             |     |
| 8    | 1701529     | 3   | Decal - Arrow                                              |     |
| 9    | 1701642     | 1   | Decal - Arrow                                              |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                    |     |
| 11   | 1705978     | 2   | Decal - Capacity                                           |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                 |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                           |     |
| 14   | 1701517     | 1   | Decal - Hand Crushing                                      |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)        |     |
| 16   | 1702773     | 1   | Decal - JLG (SN 0300221327 through 0300272206)             |     |
| 19   | 1705921     | 1   | Decal - Tipping/Electrocution                              |     |
| 20   | 1705822     | 1   | Decal - Electrocution/Safety Manual                        |     |
| 21   | 1701518     | 4   | Decal - Crushing                                           |     |
| 22   | 1705961     | 3   | Decal - Electrocution                                      |     |
| 23   | 1705670     | 3   | Decal - Fire Hazard                                        |     |
| 25   | 1704277     | 2   | Decal - Lanyard Attach Graphic                             |     |
| 26   | 1704412     | 1   | Decal - Hydraulic Oil                                      |     |
| 28   | 1706126     | 4   | Decal - Tire Load                                          |     |
| 30   | 3311405     | 4   | Nut 1/4                                                    |     |
| 31   | 3820001     | 2   | Rivet                                                      |     |
| 32   | 4751400     | 4   | Washer 1/4                                                 |     |
| 33   | 1001110196  | 1   | Decal - Manual Descent                                     |     |
| 34   | 1001112461  | 1   | Decal - Lift Diagram                                       |     |
| 35   | 1001212200  | 1   | Decal - Manual Descent                                     |     |
| 36   | 1705828     | 1   | Decal - Footswitch                                         |     |
| 38   | 1001196811  | 1   | Decal - Platform Legend (SN 0300211844 through 0300221326) |     |



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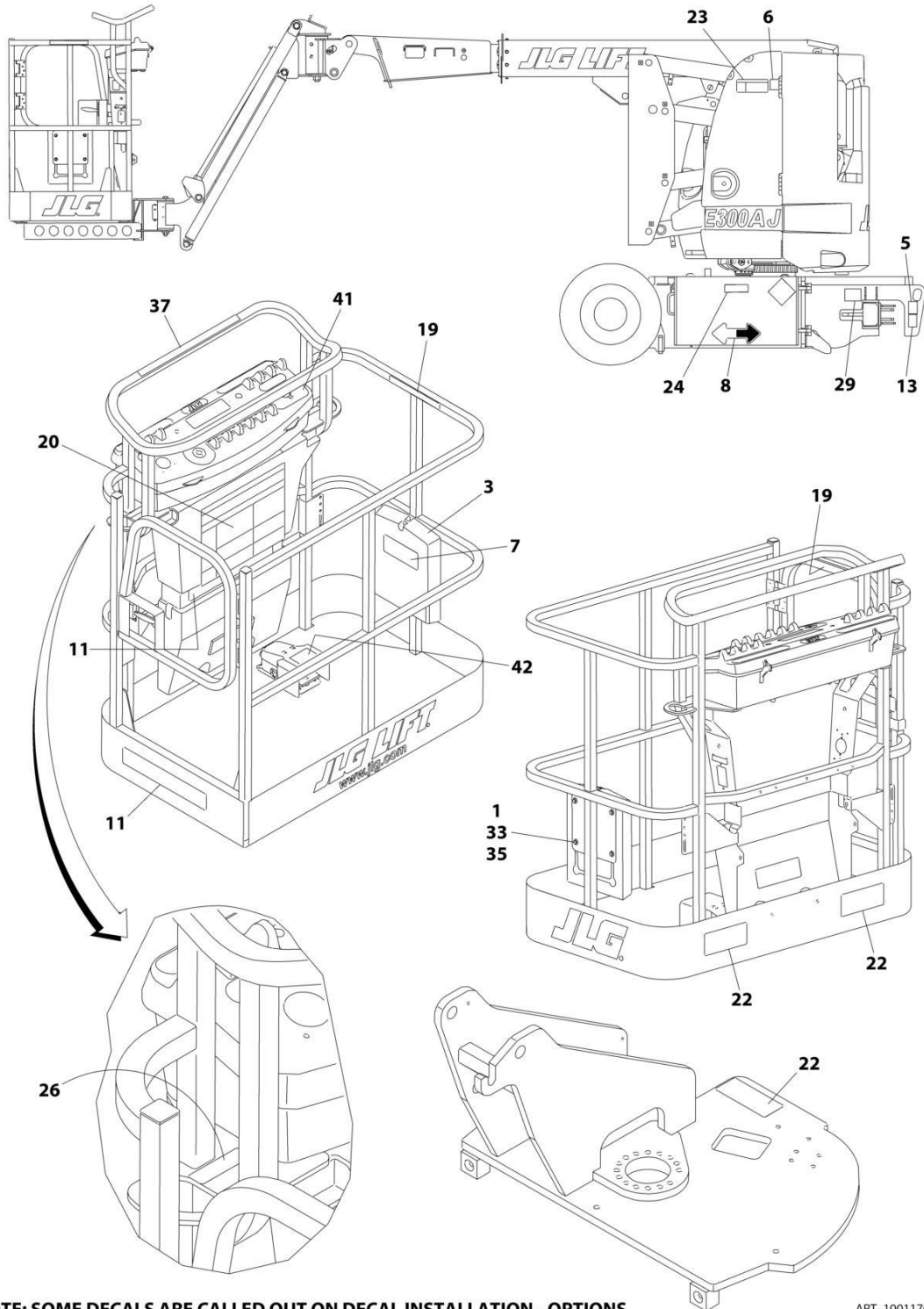
FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPEC)



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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## SECTION 8 - DECALS



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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## SECTION 8 - DECALS

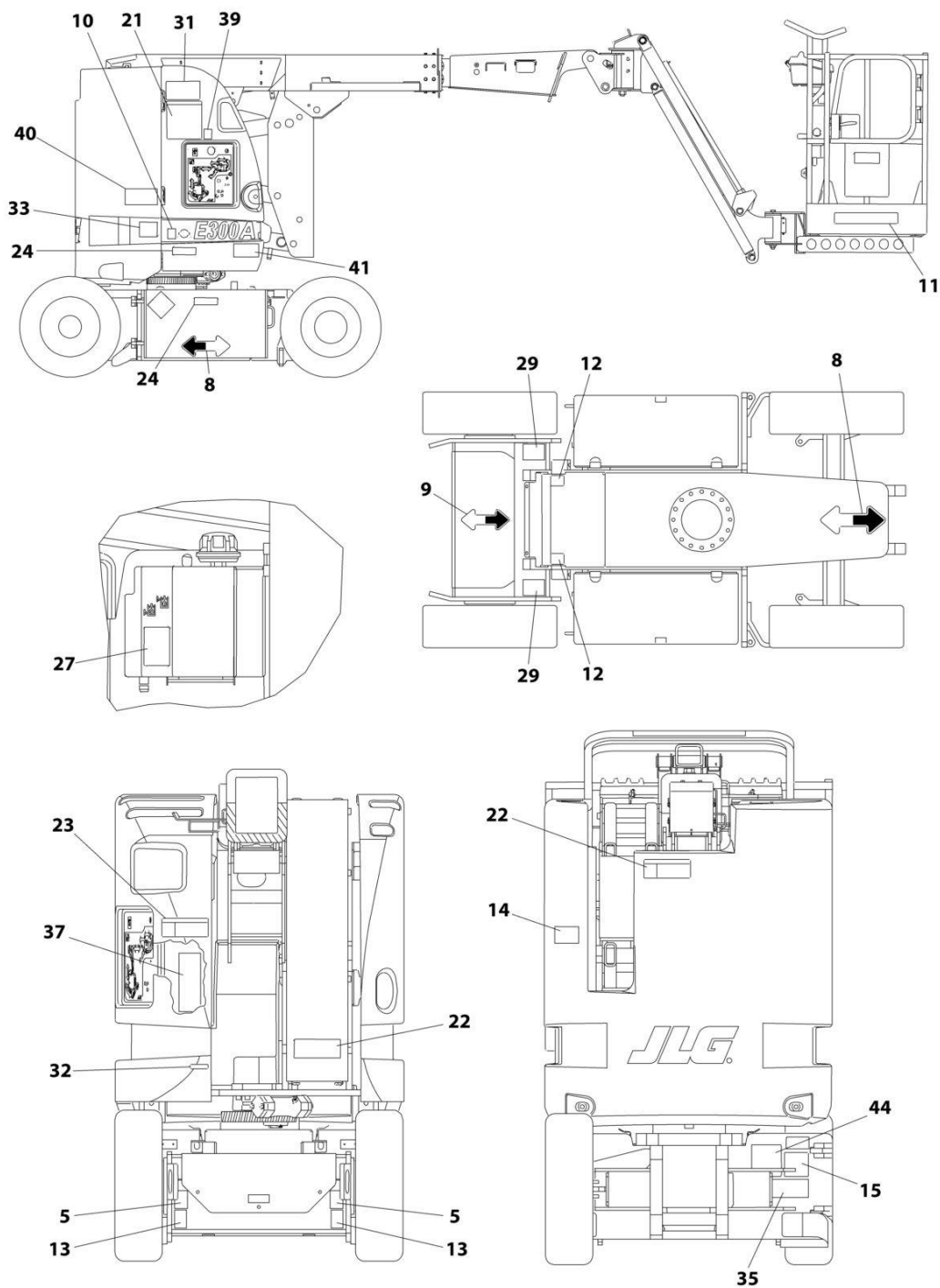
FIGURE 8-3. DECAL INSTALLATION (BRAZIL SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176488  | Ref | DECAL INSTALLATION (BRAZIL SPEC)                             | F   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1701500     | 4   | Decal - Lift                                                 |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 7    | 1701509     | 1   | Decal - Manual                                               |     |
| 8    | 1701529     | 3   | Decal - Arrow                                                |     |
| 9    | 1701642     | 1   | Decal - Arrow                                                |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 11   | 1001121920  | 2   | Decal - Capacity                                             |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 14   | 1001113170  | 1   | Decal - Hand Crushing                                        |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 19   | 1704002     | 2   | Decal - No Hands                                             |     |
| 20   | 1703928     | 1   | Decal - Warning/Danger                                       |     |
| 21   | 1703934     | 1   | Decal - Warning/Danger                                       |     |
| 22   | 1703952     | 4   | Decal - Crushing                                             |     |
| 23   | 1703940     | 3   | Decal - Danger Electrocuting                                 |     |
| 24   | 1704341     | 3   | Decal - Battery Ventilation                                  |     |
| 26   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 27   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 29   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 31   | 1001121923  | 1   | Decal - Warning Maximum Capacity                             |     |
| 32   | 3251813     | 1   | Decal - USA                                                  |     |
| 33   | 3311405     | 4   | Nut 1/4                                                      |     |
| 34   | 3820001     | 2   | Rivet                                                        |     |
| 35   | 4751400     | 4   | Washer 1/4                                                   |     |
| 36   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 37   | 1001196811  | 1   | Decal - Legend                                               |     |
| 38   | 1001110389  | 1   | Decal - Legend                                               |     |
| 39   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 40   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 41   | 1001113680  | 1   | Decal - Drive/Steer Instruction                              |     |
| 42   | 1703985     | 1   | Decal - Footswitch                                           |     |
| 43   | 1001224052  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |



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FIGURE 8-4. DECAL INSTALLATION (CHINESE SPEC)

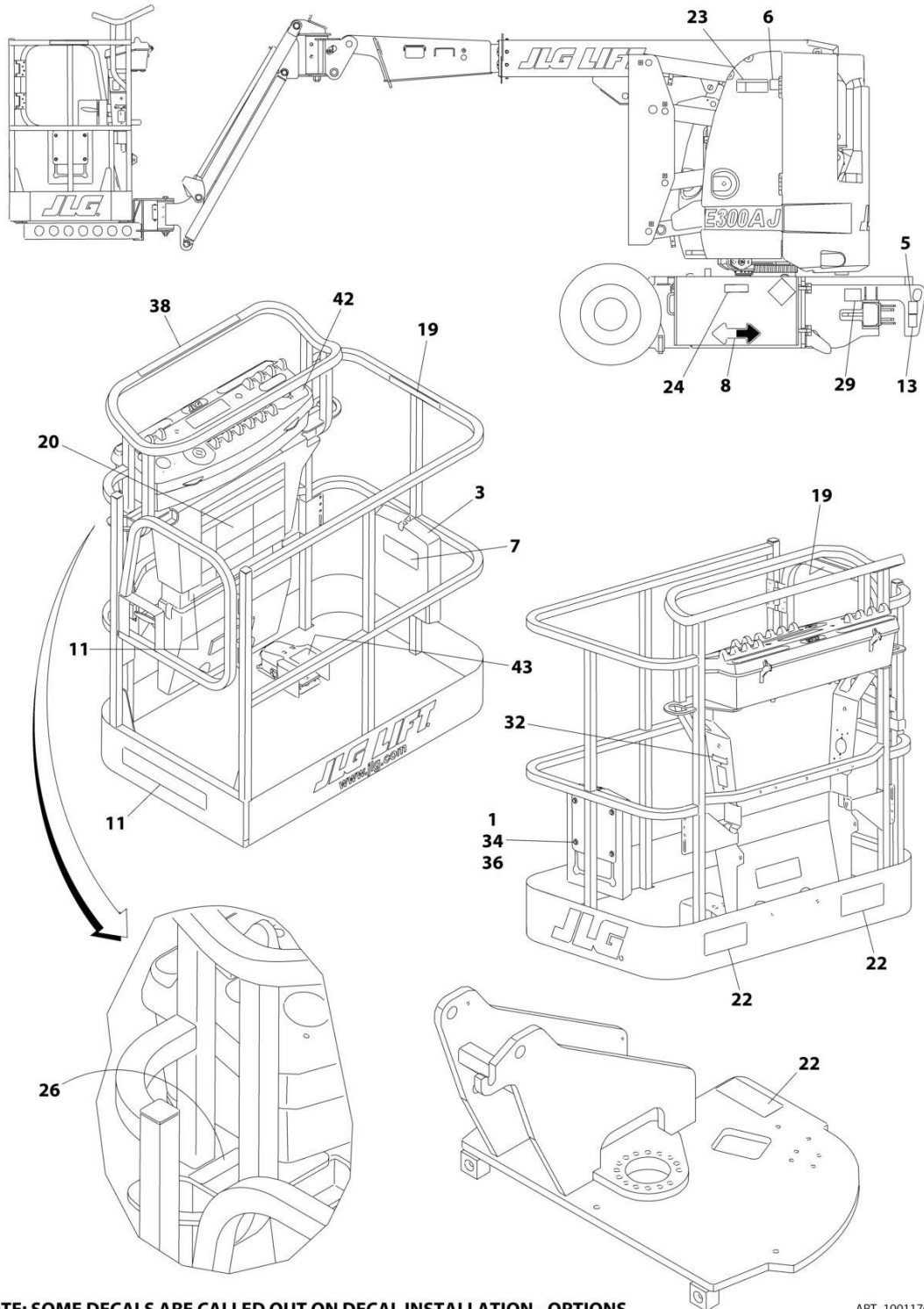


NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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

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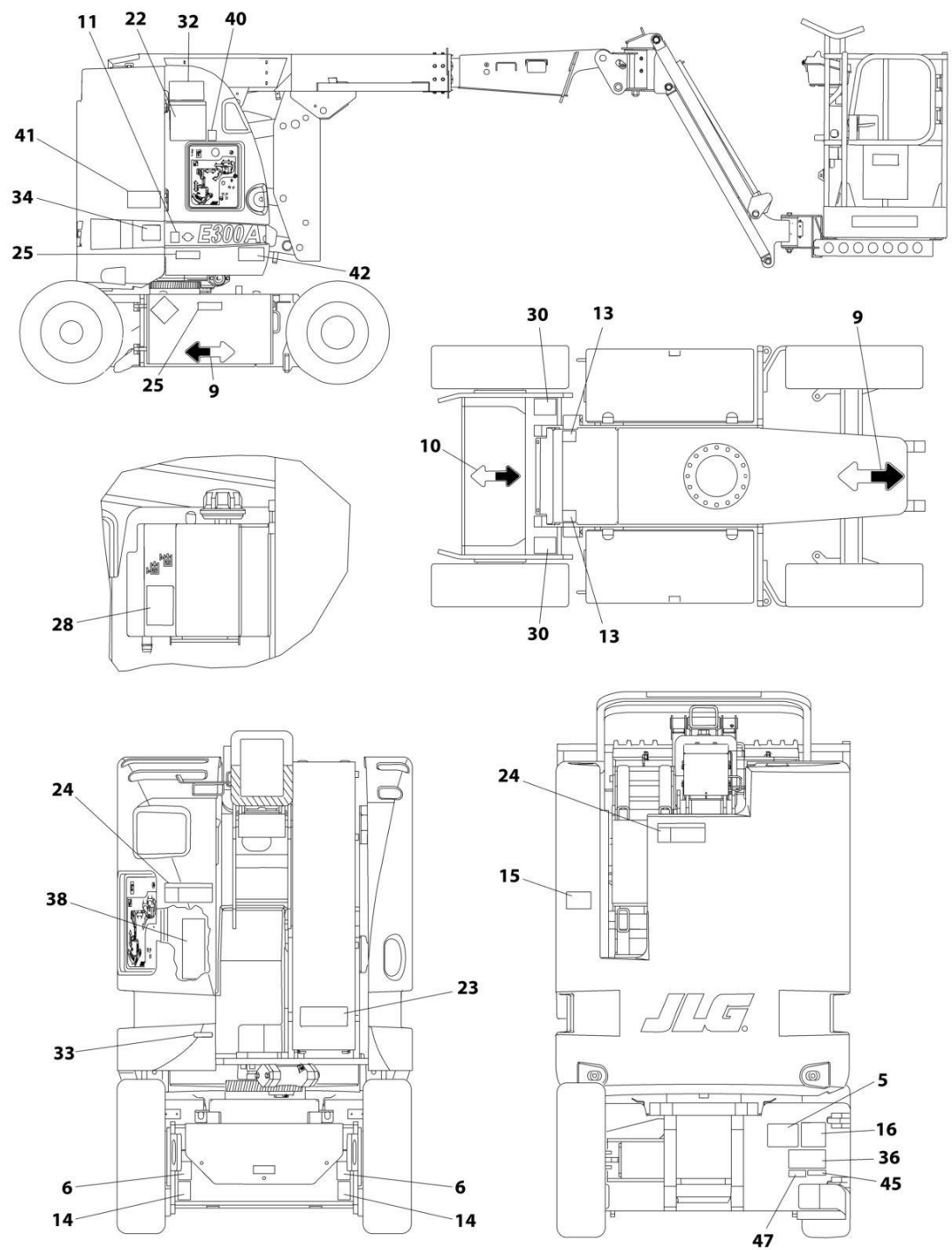
FIGURE 8-4. DECAL INSTALLATION (CHINESE SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176595  | Ref | DECAL INSTALLATION (CHINESE SPEC)                            | F   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1701500     | 4   | Decal - Lift                                                 |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 7    | 1701509     | 1   | Decal - Manual                                               |     |
| 8    | 1701529     | 3   | Decal - Arrow                                                |     |
| 9    | 1701642     | 1   | Decal - Arrow                                                |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 11   | 1001121810  | 2   | Decal - Capacity                                             |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 14   | 1001113168  | 1   | Decal - Hand Crushing                                        |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 19   | 1705968     | 2   | Decal - No Hands                                             |     |
| 20   | 1703925     | 1   | Decal - Warning/Danger                                       |     |
| 21   | 1703931     | 1   | Decal - Warning/Danger                                       |     |
| 22   | 1703949     | 4   | Decal - Crushing                                             |     |
| 23   | 1703937     | 3   | Decal - Danger Electrocuting                                 |     |
| 24   | 1704344     | 3   | Decal - Battery Ventilation                                  |     |
| 26   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 27   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 29   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 31   | 1001121823  | 1   | Decal - Warning Maximum Capacity                             |     |
| 32   | 3251243     | 2   | Decal - 120V-60Hz                                            |     |
| 33   | 3251813     | 1   | Decal - USA                                                  |     |
| 34   | 3311405     | 4   | Nut 1/4                                                      |     |
| 35   | 3820001     | 2   | Rivet                                                        |     |
| 36   | 4751400     | 4   | Washer 1/4                                                   |     |
| 37   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 38   | 1001196811  | 1   | Decal - Legend                                               |     |
| 39   | 1001110389  | 1   | Decal - Legend                                               |     |
| 40   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 41   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 42   | 1705430     | 1   | Decal - Drive/Steer Instruction                              |     |
| 43   | 1703982     | 1   | Decal - Footswitch                                           |     |
| 44   | 1001224050  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |



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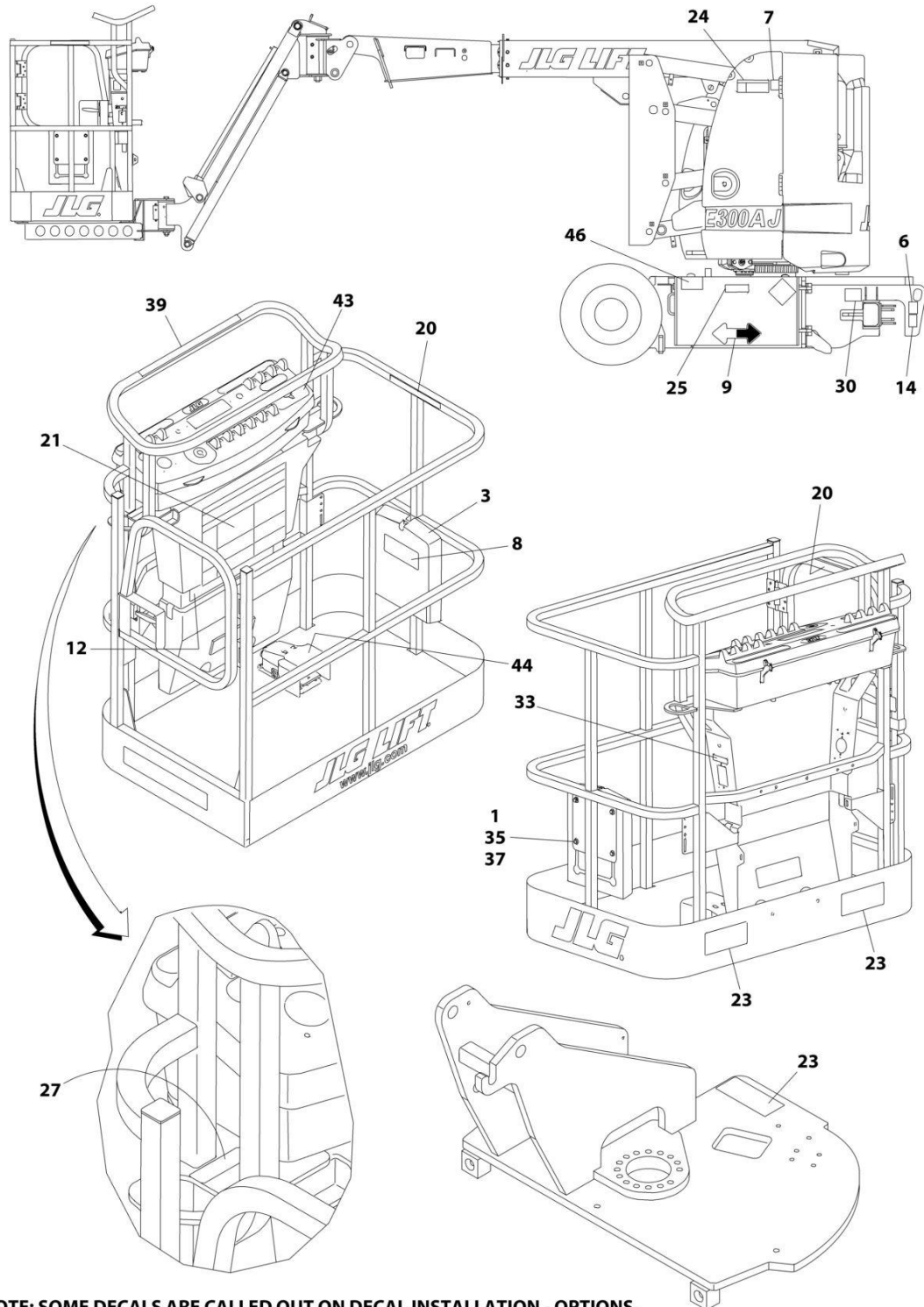
FIGURE 8-5. DECAL INSTALLATION (CSA SPECS)



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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## SECTION 8 - DECALS



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

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## SECTION 8 - DECALS

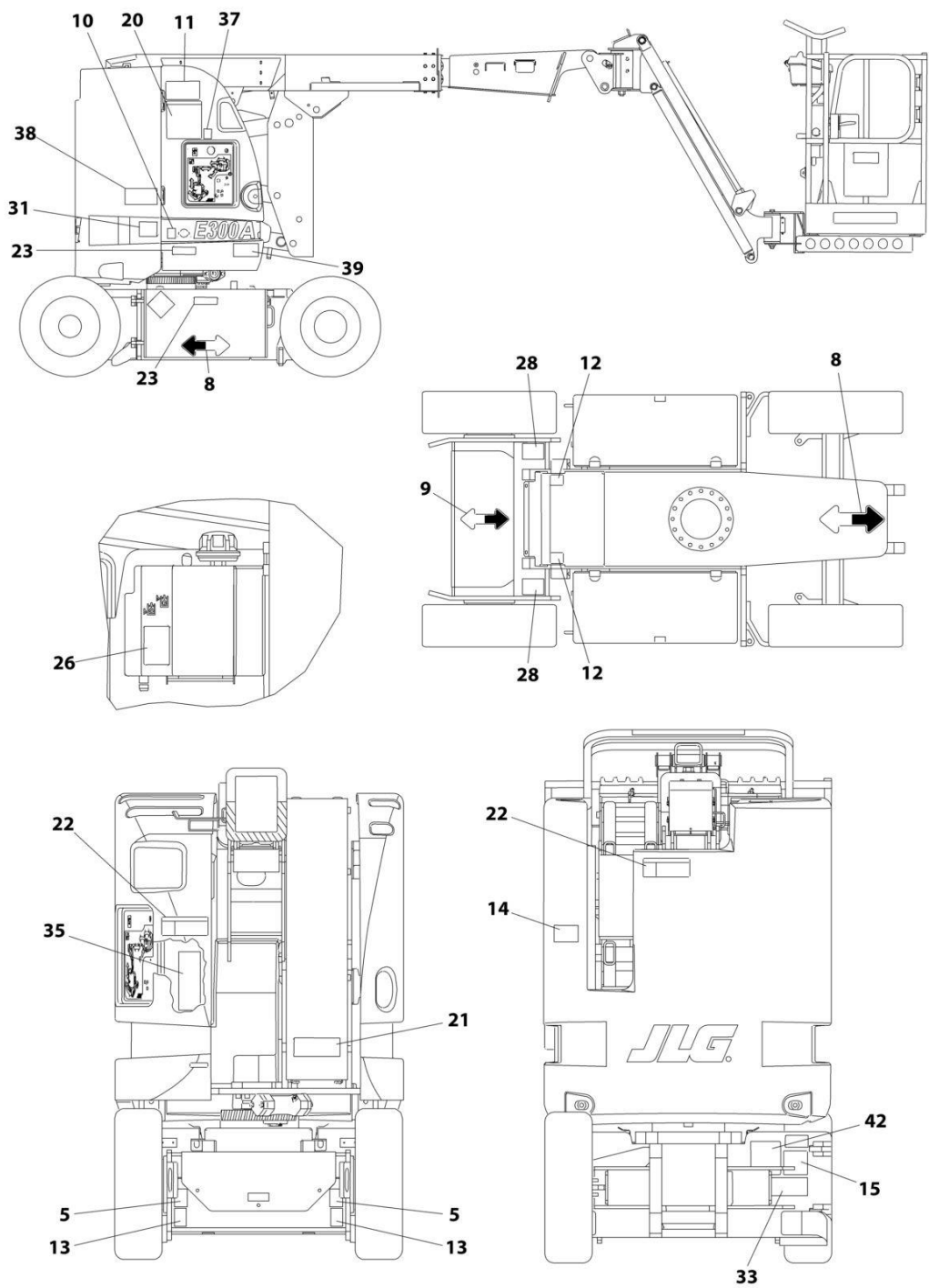
**FIGURE 8-5. DECAL INSTALLATION (CSA SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176561  | Ref | DECAL INSTALLATION (CSA SPECS)                               | F   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1001131269  | 1   | Decal - Patent                                               |     |
| 6    | 1701500     | 4   | Decal - Lift                                                 |     |
| 7    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 8    | 1701509     | 1   | Decal - Manual                                               |     |
| 9    | 1701529     | 3   | Decal - Arrow                                                |     |
| 10   | 1701642     | 1   | Decal - Arrow                                                |     |
| 11   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 12   | 1001121803  | 1   | Decal - 500Lbs Capacity                                      |     |
| 13   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 14   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 15   | 1001113169  | 1   | Decal - Hand Crushing                                        |     |
| 16   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 20   | 1704000     | 2   | Decal - No Hands                                             |     |
| 21   | 1703924     | 1   | Decal - Danger/Warning                                       |     |
| 22   | 1703930     | 1   | Decal - Warning/Danger                                       |     |
| 23   | 1703948     | 4   | Decal - Warning Crushing                                     |     |
| 24   | 1703936     | 3   | Decal - Electrocution                                        |     |
| 25   | 1704340     | 3   | Decal - Warning Battery Ventilation                          |     |
| 27   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 28   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 30   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 32   | 1001121816  | 1   | Decal - 500Lbs Capacity                                      |     |
| 33   | 3251243     | 2   | Decal - 120V-60Hz                                            |     |
| 34   | 3251813     | 1   | Decal - USA                                                  |     |
| 35   | 3311405     | 4   | Nut 1/4                                                      |     |
| 36   | 3820001     | 2   | Rivet                                                        |     |
| 37   | 4751400     | 4   | Washer 1/4                                                   |     |
| 38   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 39   | 1001196811  | 1   | Decal - Legend Platform                                      |     |
| 40   | 1001110389  | 1   | Decal - Legend Ground                                        |     |
| 41   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 42   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 43   | 1705429     | 1   | Decal - Drive/Steer Instructions                             |     |
| 44   | 1703984     | 1   | Decal - Footswitch                                           |     |
| 45   | 1705514     | 1   | Decal - CSA                                                  |     |
| 46   | 1001223971  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |
| 47   | 1001228370  | 1   | Decal - CSA Ices (SN 0300233727 through 0300272206)          |     |



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FIGURE 8-6. DECAL INSTALLATION (JAPANESE SPECS)

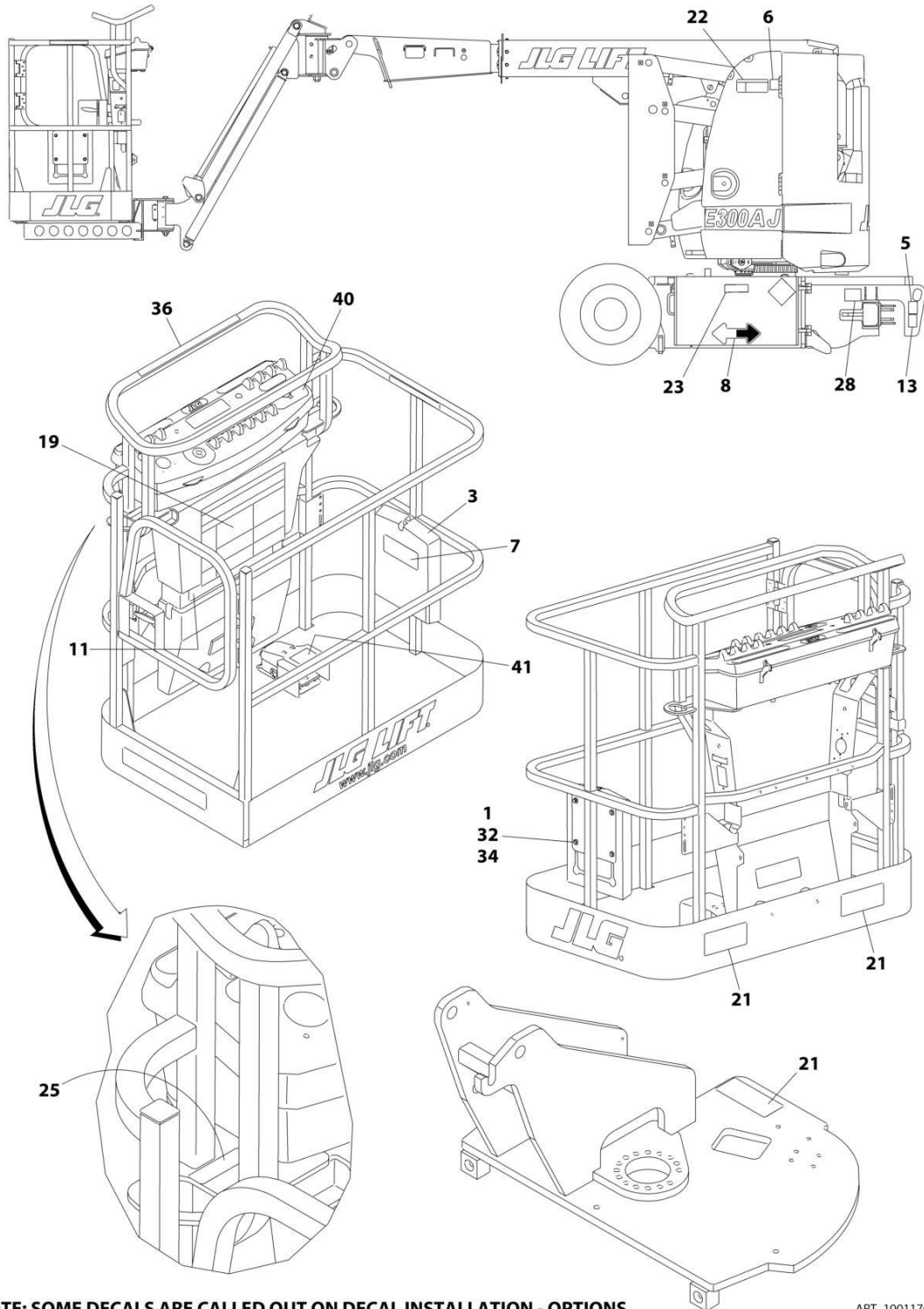


NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

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

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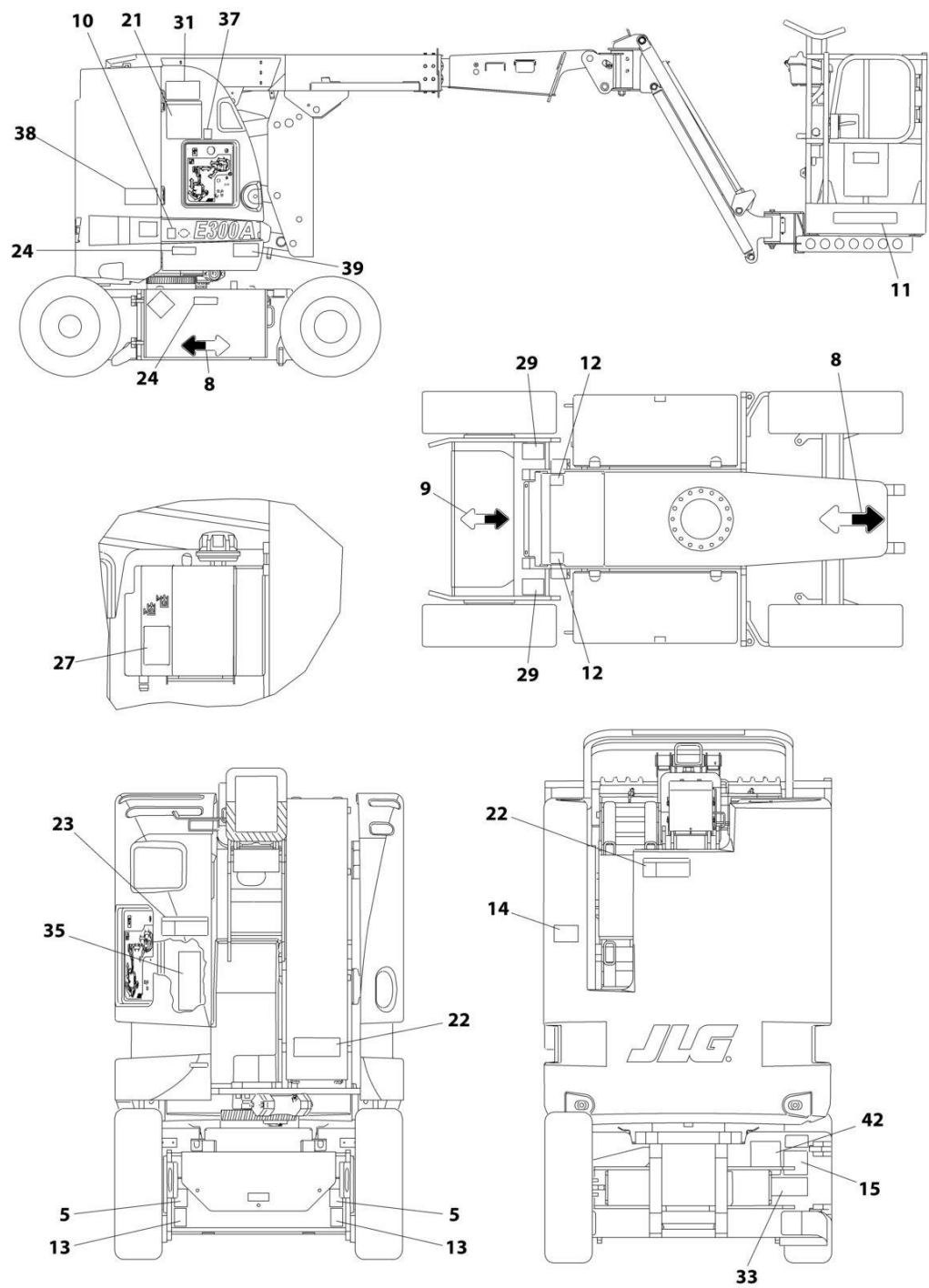
**FIGURE 8-6. DECAL INSTALLATION (JAPANESE SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176390  | Ref | DECAL INSTALLATION (JAPANESE SPECS)                          | H   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1701500     | 4   | Decal - Lift                                                 |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 7    | 1701509     | 1   | Decal - Manual                                               |     |
| 8    | 1701529     | 3   | Decal - Arrow                                                |     |
| 9    | 1701642     | 1   | Decal - Arrow                                                |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 11   | 1001121808  | 2   | Decal - Capacity                                             |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 14   | 1001113166  | 1   | Decal - Hand Crushing                                        |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 19   | 1703926     | 1   | Decal - Danger/Warning                                       |     |
| 20   | 1703932     | 1   | Decal - Danger/Warning                                       |     |
| 21   | 1703950     | 4   | Decal - Crushing                                             |     |
| 22   | 1703938     | 3   | Decal - Battery Ventilation                                  |     |
| 23   | 1704342     | 3   | Decal - Fire Hazard                                          |     |
| 25   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 26   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 28   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 31   | 3251813     | 1   | Decal - USA                                                  |     |
| 32   | 3311405     | 4   | Nut 1/4                                                      |     |
| 33   | 3820001     | 2   | Rivet                                                        |     |
| 34   | 4751400     | 4   | Washer 1/4                                                   |     |
| 35   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 36   | 1001196811  | 1   | Decal - Legend                                               |     |
| 37   | 1001110389  | 1   | Decal - Legend                                               |     |
| 38   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 39   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 40   | 1705426     | 1   | Decal - Drive/Steer Instruction                              |     |
| 41   | 1703980     | 1   | Decal - Footswitch                                           |     |
| 42   | 1001224053  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |



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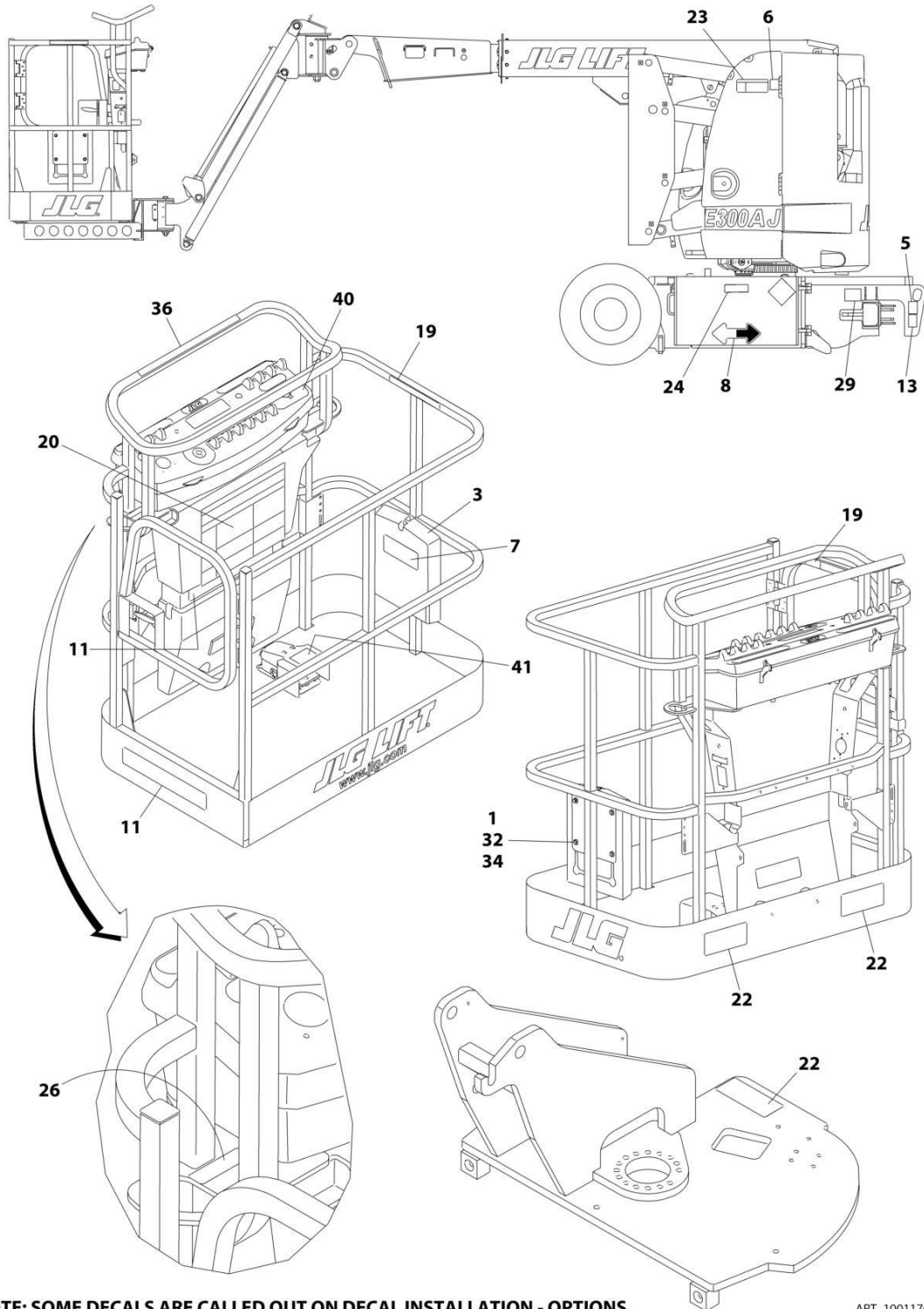
FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)



NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

ART\_1001176482\_10F2

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

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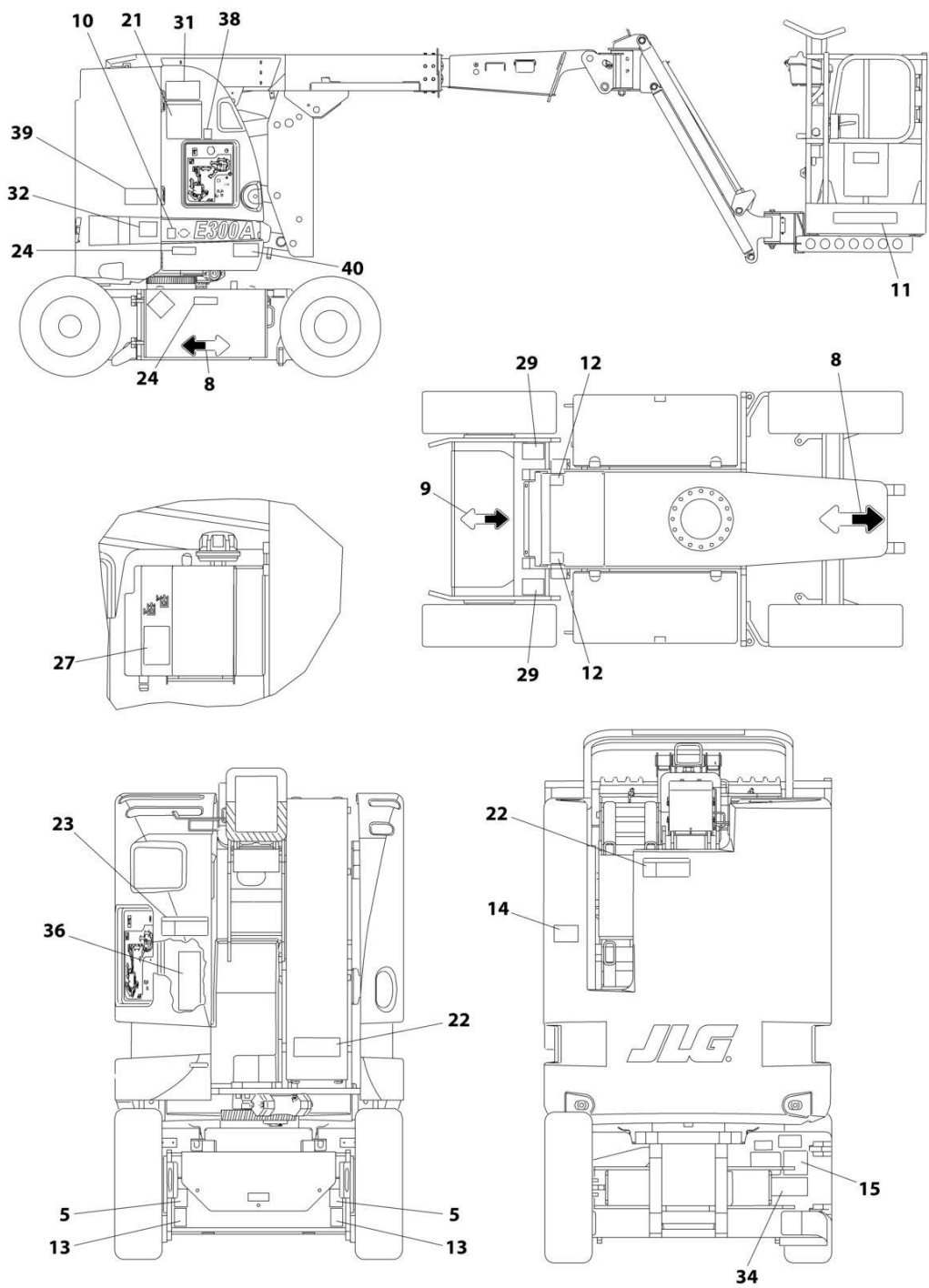
FIGURE 8-7. DECAL INSTALLATION (KOREAN SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176482  | Ref | DECAL INSTALLATION (KOREAN SPECS)                            | F   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1701500     | 4   | Decal - Lift                                                 |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 7    | 1701509     | 1   | Decal - Manual                                               |     |
| 8    | 1701529     | 3   | Decal - Arrow                                                |     |
| 9    | 1701642     | 1   | Decal - Arrow                                                |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 11   | 1001121918  | 2   | Decal - Capacity                                             |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 14   | 1001113509  | 1   | Decal - Hand Crushing                                        |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 19   | 1705969     | 2   | Decal - No Hands                                             |     |
| 20   | 1703927     | 1   | Decal - Warning/Danger                                       |     |
| 21   | 1703933     | 1   | Decal - Warning/Danger                                       |     |
| 22   | 1703951     | 4   | Decal - Crushing                                             |     |
| 23   | 1703939     | 3   | Decal - Danger Electrocuting                                 |     |
| 24   | 1704343     | 3   | Decal - Battery Ventilation                                  |     |
| 26   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 27   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 29   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 31   | 1001121921  | 1   | Decal - Warning Maximum Capacity                             |     |
| 32   | 3311405     | 4   | Nut 1/4                                                      |     |
| 33   | 3820001     | 2   | Rivet                                                        |     |
| 34   | 4751400     | 4   | Washer 1/4                                                   |     |
| 35   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 36   | 1001196811  | 1   | Decal - Legend                                               |     |
| 37   | 1001110389  | 1   | Decal - Legend                                               |     |
| 38   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 39   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 40   | 1705427     | 1   | Decal - Drive/Steer Instruction                              |     |
| 41   | 1703981     | 1   | Decal - Footswitch                                           |     |
| 42   | 1001224048  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |



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

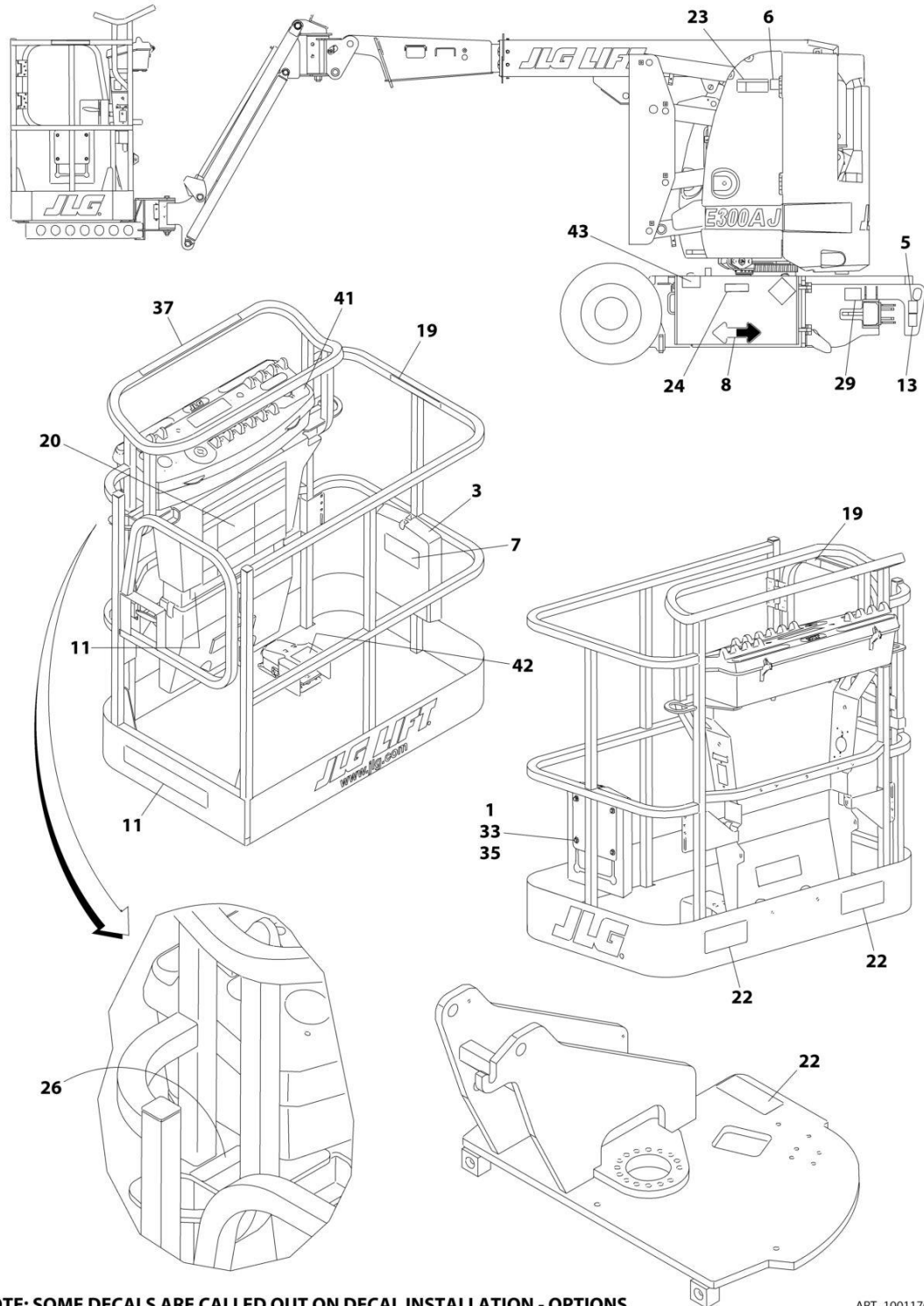


NOTE: SOME DECALS ARE CALLED OUT ON DECAL INSTALLATION - OPTIONS.

ART\_1001176483\_10F2



## SECTION 8 - DECALS



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

ART\_1001176483\_2OF2

## SECTION 8 - DECALS

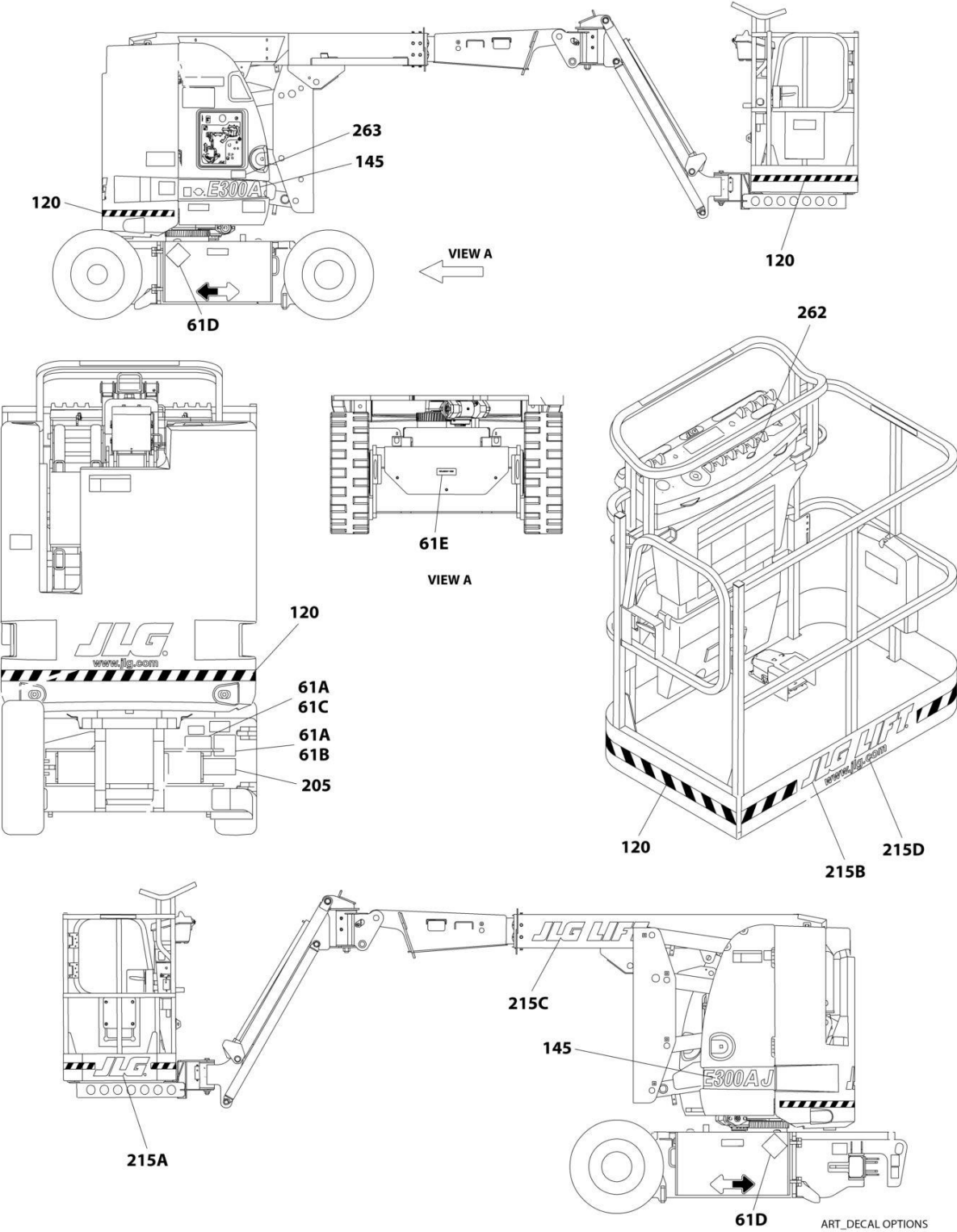
**FIGURE 8-8. DECAL INSTALLATION (LATIN AMERICAN SPECS)**

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                  | REV |
|------|-------------|-----|--------------------------------------------------------------|-----|
|      | 1001176483  | Ref | DECAL INSTALLATION (LATIN AMERICAN SPECS)                    | F   |
| 1    | 0641406     | 4   | Bolt 1/4 x 3/4                                               |     |
| 3    | 0860520     | 1   | Box, Manual Storage                                          |     |
| 5    | 1701500     | 4   | Decal - Lift                                                 |     |
| 6    | 1701504     | 1   | Decal - Hydraulic Oil                                        |     |
| 7    | 1701509     | 1   | Decal - Manual                                               |     |
| 8    | 1701529     | 3   | Decal - Arrow                                                |     |
| 9    | 1701642     | 1   | Decal - Arrow                                                |     |
| 10   | 1701644     | 1   | Decal - Battery Charger                                      |     |
| 11   | 1001121805  | 2   | Decal - Capacity                                             |     |
| 12   | 1702155     | 2   | Decal - Battery Disconnect                                   |     |
| 13   | 1702300     | 4   | Decal - Tie Down                                             |     |
| 14   | 1001113171  | 1   | Decal - Hand Crushing                                        |     |
| 15   | See Note    | NSS | Decal - Bar Code (Note: Not Available for Purchase)          |     |
| 19   | 1704001     | 2   | Decal - No Hands                                             |     |
| 20   | 1703923     | 1   | Decal - Warning/Danger                                       |     |
| 21   | 1703929     | 1   | Decal - Warning/Danger                                       |     |
| 22   | 1703947     | 4   | Decal - Crushing                                             |     |
| 23   | 1703935     | 3   | Decal - Danger Electrocuton                                  |     |
| 24   | 1704339     | 3   | Decal - Battery Ventilation                                  |     |
| 26   | 1704277     | 2   | Decal - Lanyard Attach Graphic                               |     |
| 27   | 1704412     | 1   | Decal - Hydraulic Oil                                        |     |
| 29   | 1706126     | 4   | Decal - Tire Load                                            |     |
| 31   | 1001121818  | 1   | Decal - Warning Maximum Capacity                             |     |
| 32   | 3251813     | 1   | Decal - USA                                                  |     |
| 33   | 3311405     | 4   | Nut 1/4                                                      |     |
| 34   | 3820001     | 2   | Rivet                                                        |     |
| 35   | 4751400     | 4   | Washer 1/4                                                   |     |
| 36   | 1001110196  | 1   | Decal - Manual Descent                                       |     |
| 37   | 1001196811  | 1   | Decal - Legend                                               |     |
| 38   | 1001110389  | 1   | Decal - Legend                                               |     |
| 39   | 1001112461  | 1   | Decal - Lift Diagram                                         |     |
| 40   | 1001212200  | 1   | Decal - Manual Descent                                       |     |
| 41   | 1705427     | 1   | Decal - Drive/Steer Instruction                              |     |
| 42   | 1703983     | 1   | Decal - Footswitch                                           |     |
| 43   | 1001224049  | 1   | Decal - Yearly Inspection (SN 0300233727 through 0300272206) |     |



SECTION 8 - DECALS

FIGURE 8-9. DECAL INSTALLATION - OPTIONS



## SECTION 8 - DECALS

FIGURE 8-9. DECAL INSTALLATION - OPTIONS

| ITEM | PART NUMBER | QTY            | DESCRIPTION                                                                                                                                                   | REV |
|------|-------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |             | Ref            | DECAL INSTALLATION - OPTIONS                                                                                                                                  |     |
| 61   | 0270432     | Ref            | Decal - EE Tags (UL Specs)                                                                                                                                    |     |
| 61A  | 3820001     | 8              | Rivet                                                                                                                                                         |     |
| 61B  | 3252331     | 1              | Nameplate - Battery Information                                                                                                                               |     |
| 61C  | 3252780     | 1              | Nameplate - UL Certification Tag                                                                                                                              |     |
| 61D  | 1702251     | 2              | Nameplate - EE                                                                                                                                                |     |
| 61E  | 1001213625  | 1              | Decal - 400Amp Replacement Fuse ( <b>SN 0300226252 through 0300272206</b> )                                                                                   |     |
| 108  | 1001231801  | 1              | Decal - Warning Prop 65 (ANAI Specs Only) (Not Shown) ( <b>SN 0300256384 through 0300272206</b> )                                                             |     |
| 120  | 4420051     | 12 ft<br>/3.7m | Decal - Warning Stripes                                                                                                                                       |     |
| 145  | 1704199     | 1              | Decal - Model Designation (E300AJ)                                                                                                                            |     |
| 145  | 1704267     | 1              | Decal - Model Designation (E300AJP)                                                                                                                           |     |
| 205  | See Note    | NSS            | Nameplate - Serial Number (Note: Not Available for Purchase)                                                                                                  |     |
| 215  | 1001110613  | Ref            | JLG Logo Installation (E300AJ) (All Specs except Australian & CE Specs)                                                                                       | B   |
| 215  | 1001110613  | 1              | JLG Logo Installation (E300AJ) (Australian & CE Specs) ( <b>SN 0300211844 through 0300221326</b> )                                                            | B   |
| 215  | See Note    | 1              | JLG Logo Installation (E300AJ) (Australian & CE Specs) (Note: See Country Spec Decal Installation for Components) ( <b>SN 0300221327 through 0300272206</b> ) |     |
| 215  | 1001115980  | Ref            | JLG Logo Installation (E300AJP) (All Specs except Australian & CE Specs)                                                                                      | B   |
| 215  | 1001115980  | 1              | JLG Logo Installation (E300AJP) (Australian & CE Specs) ( <b>SN 0300211844 through 0300221326</b> )                                                           | B   |
| 215  | See Note    | 1              | JLG Logo Installation (E300AJ) (Australian & CE Specs) (Note: See Country Spec Decal Installation for Components) ( <b>SN 0300221327 through 0300272206</b> ) |     |
| 215A | 1702773     | 1              | Decal - JLG (E300AJ)                                                                                                                                          |     |
| 215A | 1704200     | 1              | Decal - JLG Plus (E300AJP)                                                                                                                                    |     |
| 215B | 1702774     | 1              | Decal - JLG Lift                                                                                                                                              |     |
| 215C | 1702860     | 1              | Decal - JLG Lift                                                                                                                                              |     |
| 215D | 1704885     | 1              | Decal - Website                                                                                                                                               |     |
| 262  | 1001141300  | 1              | Decal - SkyGuard Override                                                                                                                                     |     |
| 263  | 1001189882  | 1              | Decal - MSSO                                                                                                                                                  |     |



## **SECTION 9 - RECOMMENDED SERVICE PARTS STOCK**

## **SECTION 9 - RECOMMENDED SERVICE PARTS STOCK**

## SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-1. RECOMMENDED SERVICE PARTS STOCK

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                   | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |             | Ref | Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department. |     |
|      |             | Ref | STANDARD PARTS                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 1001170367  | 1   | Relay                                                                                                                                                                                                                                                                                                                                                                         |     |
|      | 70002526    | 1   | Breather                                                                                                                                                                                                                                                                                                                                                                      |     |
|      | 70002525    | 1   | Filter                                                                                                                                                                                                                                                                                                                                                                        |     |
|      | 70004228    | 1   | Element, Filter                                                                                                                                                                                                                                                                                                                                                               |     |
|      | 7024883     | 1   | Coil                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | 7024885     | 1   | Coil                                                                                                                                                                                                                                                                                                                                                                          |     |
|      | 3740080     | 1   | Relay                                                                                                                                                                                                                                                                                                                                                                         |     |
|      | 1001155045  | 1   | Switch, Toggle                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 1001159256  | 1   | Switch, Toggle                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 4360469     | 1   | Switch, Key                                                                                                                                                                                                                                                                                                                                                                   |     |
|      | 2860030     | 1   | Key, Replacement                                                                                                                                                                                                                                                                                                                                                              |     |
|      | 4360475     | 1   | Switch, Mushroom                                                                                                                                                                                                                                                                                                                                                              |     |
|      | 4360476     | 1   | Contact, Switch Block                                                                                                                                                                                                                                                                                                                                                         |     |
|      | 4360387     | 1   | Switch, Push Button                                                                                                                                                                                                                                                                                                                                                           |     |
|      | 70001996    | 1   | Power Track Repair Section                                                                                                                                                                                                                                                                                                                                                    |     |
|      | 4360407     | 1   | Switch, Potentiometer                                                                                                                                                                                                                                                                                                                                                         |     |
|      | 1001161710  | 1   | Switch, Toggle                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 1001212415  | 1   | Controller Assembly - Drive & Steer                                                                                                                                                                                                                                                                                                                                           |     |
|      | 1001129555  | 1   | Controller Assembly - Lift & Swing                                                                                                                                                                                                                                                                                                                                            |     |
|      | 70002386    | 1   | Coil                                                                                                                                                                                                                                                                                                                                                                          |     |
|      |             | Ref | VARIABLE PARTS                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 8229242     | 1   | Fuse 5Amp                                                                                                                                                                                                                                                                                                                                                                     |     |
|      | 8229261     | 1   | Fuse 5Amp                                                                                                                                                                                                                                                                                                                                                                     |     |
|      | 8229234     | 1   | Fuse 10Amp                                                                                                                                                                                                                                                                                                                                                                    |     |
|      | 8229237     | 1   | Fuse 15Amp                                                                                                                                                                                                                                                                                                                                                                    |     |
|      | 8229235     | 1   | Fuse 20Amp                                                                                                                                                                                                                                                                                                                                                                    |     |
|      | 8229236     | 1   | Fuse 30Amp                                                                                                                                                                                                                                                                                                                                                                    |     |
|      | 1001170365  | 1   | Fuse 400Amp (UL Specs Only)                                                                                                                                                                                                                                                                                                                                                   |     |
|      | 1001161117  | 1   | Sensor, Steer                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | 1001178339  | 1   | Module, Drive                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | 1001192212  | 1   | Module, Drive                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | 1001181325  | 1   | Sensor, Drive                                                                                                                                                                                                                                                                                                                                                                 |     |
|      | 4360517     | 1   | Switch, Proximity                                                                                                                                                                                                                                                                                                                                                             |     |
|      | 1001182700  | 1   | Module, Ground                                                                                                                                                                                                                                                                                                                                                                |     |
|      | 1600387     | 1   | Module (Machines with LSS System)                                                                                                                                                                                                                                                                                                                                             |     |
|      | 0610131     | 1   | PC Board, Battery                                                                                                                                                                                                                                                                                                                                                             |     |
|      | 2940074     | 1   | Latch, Platform (Machines with Gate)                                                                                                                                                                                                                                                                                                                                          |     |
|      | 1001182724  | 1   | Module, Platform                                                                                                                                                                                                                                                                                                                                                              |     |
|      | 1001215835  | 1   | Module, Platform (UL Specs Only)                                                                                                                                                                                                                                                                                                                                              |     |
|      | 1001137673  | 1   | Switch, SkyGuard (With SkyGuard)                                                                                                                                                                                                                                                                                                                                              |     |
|      | 1001181045  | 1   | Breaker, Circuit (CE Spec with AC Power to Platform)                                                                                                                                                                                                                                                                                                                          |     |
|      | 4360548     | 1   | Switch, Limit                                                                                                                                                                                                                                                                                                                                                                 |     |



**SECTION 10 - SPECIAL OPTIONS**

## SECTION 10 - SPECIAL OPTIONS

FIGURE 10-1. SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                                                                                                                               | REV |
|------|-------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |             | Ref | MISCELLANEOUS SPECIAL OPTIONS                                                                                                                                                             |     |
|      |             | Ref | Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department. |     |
|      | 0259250     | Ref | Air Line at Platform Installation                                                                                                                                                         |     |
|      | 0259384     | Ref | Bellows Installations                                                                                                                                                                     |     |
|      |             | Ref | Boom Wiper Installation                                                                                                                                                                   |     |
|      | 1001109709  | Ref | Boom Wiper Installation E300AJ                                                                                                                                                            |     |
|      | 1001119962  | Ref | Boom Wiper Installation E300AJP                                                                                                                                                           |     |
|      |             | Ref | <b>ClearSky Telematic Add-on Kits (Dealer Installed)</b>                                                                                                                                  |     |
|      | 1001230504  | Ref | 3 Wire Connection Add-on Kits (Dealer Installed) (ANSI and CSA Specs)                                                                                                                     |     |
|      | 1001234102  | Ref | 3 Wire Connection Add-on Kits (Dealer Installed) (ANSI Export and CE Specs)                                                                                                               |     |
|      | 1001236405  | Ref | Canbus Add-on Kits (Dealer Installed) (ANSI and CSA Specs)                                                                                                                                |     |
|      | 1001237110  | Ref | Canbus Add-on Kits (Dealer Installed) (ANSI Export and CE Specs)                                                                                                                          |     |
|      | 1001243575  | Ref | Access Control Canbus Add-on Kits (Dealer Installed)                                                                                                                                      |     |
|      | 1001243183  | Ref | Access Control Canbus Add-on Kits (Dealer Installed) (ANSI and CSA Specs)                                                                                                                 |     |
|      | 1001243184  | Ref | Access Control Canbus Add-on Kits (Dealer Installed) (ANSI Export and CE Specs)                                                                                                           |     |
|      |             | Ref | ClearSky Telematic Installation (Factory Installed)                                                                                                                                       |     |
|      | 1001229107  | Ref | 3 Wire Connection ClearSky Telematic Installation (Factory Installed) (ANSI and CSA Specs)                                                                                                |     |
|      | 1001233237  | Ref | 3 Wire Connection ClearSky Telematic Installation (Factory Installed) (ANSI Export and CE Specs)                                                                                          |     |
|      | 1001235649  | Ref | Canbus ClearSky Telematic Installation (Factory Installed) (ANSI and CSA Specs)                                                                                                           |     |
|      | 1001236535  | Ref | Canbus ClearSky Telematic Installation (Factory Installed) (ANSI Export and CE Specs)                                                                                                     |     |
|      | 1001246541  | Ref | Canbus ClearSky Telematic Installation (Factory Installed) (Australian Spec)                                                                                                              |     |
|      | 1001246542  | Ref | Canbus ClearSky Telematic Installation (Factory Installed) (Chinese Spec)                                                                                                                 |     |
|      |             | Ref | Decal Installations                                                                                                                                                                       |     |
|      | 1001229689  | Ref | Decal - ClearSky                                                                                                                                                                          |     |
|      | 1001214032  | Ref | Decal - EAC (Russian/CIS Specs)                                                                                                                                                           |     |
|      | 1703175     | 1   | Decal - Lanyard Attach (GM K-1 Spec)                                                                                                                                                      |     |
|      | 1702868     | 2   | Decal - No Hands (English Language - Required on Platform with Mesh to Top)                                                                                                               |     |
|      | 1704000     | Ref | Decal - No Hands (Dual Language French and English - Required on Platform with Mesh to Top)                                                                                               |     |
|      |             | Ref | Decal Kits                                                                                                                                                                                |     |
|      | 1001198651  | Ref | Decal Kit - Machine                                                                                                                                                                       |     |
|      | 1001108726  | Ref | Decal Kit - Platform                                                                                                                                                                      |     |
|      | 1001223824  | Ref | Decal Kit - Platform Console                                                                                                                                                              |     |
|      |             | Ref | Electrical Connector Kits                                                                                                                                                                 |     |
|      | 1001148902  | Ref | Amp/Tyco Electrical Connector Kit                                                                                                                                                         |     |
|      | 1001148903  | Ref | Deutsch DT Electrical Connector Kit                                                                                                                                                       |     |
|      | 1001148904  | Ref | Deutsch HD Electrical Connector Kit                                                                                                                                                       |     |
|      | 1001148905  | Ref | Packard Electrical Connector Kit                                                                                                                                                          |     |

## SECTION 10 - SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                    | REV |
|------|-------------|-----|--------------------------------------------------------------------------------|-----|
|      | 1001148906  | Ref | Various Electrical Connectors Kit                                              | J   |
|      |             | Ref | Footswitch Shield Installation                                                 |     |
|      | 4060959     | 1   | Shield, Footswitch                                                             |     |
|      |             | Ref | <b>Hose Kits:</b>                                                              |     |
|      | 1001198655  | Ref | Hose Kit - Upper Boom (E300A)                                                  |     |
|      | 1001198654  | Ref | Hose Kit - Upper Boom (E300AJ)                                                 |     |
|      | 1001198653  | Ref | Hose Kit - Upper Boom (E300AJP)                                                |     |
|      | 1001241391  | Ref | Hostile Environment Kit                                                        |     |
|      | 1001151286  | Ref | Jib Cylinder Replacement Kit                                                   |     |
|      | 1001148971  | Ref | Lanyard (Bolt-on) Kit Installation                                             |     |
|      | 0257728     | Ref | Pipe Jacks Installations (ANSI Spec Only)                                      |     |
|      | 1001195304  | Ref | Platform Console Cover Installation                                            |     |
|      |             | Ref | Platform Entry Kits                                                            |     |
|      | 1001142504  | Ref | Drop Bar (Replacing Swing Gate with Drop Bar)                                  |     |
|      | 1001142505  | Ref | Swing Gate (Replacing Drop Bar with Swing Gate)                                |     |
|      |             | Ref | <b>Platform Mesh Add-on Kits (Dealer Installed)</b>                            |     |
|      | 1001214478  | Ref | Platform Mesh Add-on Kit (Mesh to Mid Rail) (48IN Platform) (Dealer Installed) |     |
|      | 1001214552  | Ref | Platform Mesh Add-on Kit (Mesh to Top Rail) (48IN Platform) (Dealer Installed) |     |
|      | 1001214560  | Ref | Platform Mesh Add-on Kit (Mesh to Top Rail) (72IN Platform) (Dealer Installed) |     |
|      |             | Ref | <b>Platform Mesh Installation (Factory Installed)</b>                          |     |
|      | 1001140318  | Ref | Platform Mesh to Mid Rail Installation (ANSI, ANSI Export and Australian Spec) |     |
|      | 0273147     | Ref | Platform Mesh to Top Rail Installation (ANSI, CSA and UL Specs Only)           |     |
|      | 1001103617  | Ref | Platform Rail Extension (30 x 48) (2.5ft x 4ft) (0.70m x 1.22m)                |     |
|      | 1001120466  | Ref | Platform Worklight Installation                                                |     |
|      | 1001231082  | Ref | Pump/Motor Kit                                                                 |     |
|      | 1001199198  | Ref | Security Lock (Programmable) Installations (CE Spec Only)                      |     |
|      | 1001190895  | Ref | Service Kits & Tools                                                           |     |
|      | 1001247073  | Ref | SkyEye Add-on Kit (Dealer Installed)                                           |     |
|      |             | Ref | SkyGuard Components                                                            |     |
|      | 1001218499  | Ref | SkyGuard Bar Kit                                                               |     |
|      | 1001149561  | NLA | SkyGuard Blue Beacon Complete Add-on Kit (UGM Machines) (Use p/n 1001206996)   |     |
|      | 1001206996  | Ref | SkyGuard Blue Beacon Complete Add-on Kit (UGM Machines)                        |     |
|      | 1001149563  | Ref | SkyGuard Platform Sensor Kit (UGM Machines)                                    |     |
|      | 1001176372  | Ref | SkyGuard Plug Removal Kit                                                      |     |
|      | 1001149564  | NLA | SkyGuard Blue Beacon Kit (Counterweight Mounted) (Use p/n 1001205501)          |     |
|      | 1001205501  | Ref | SkyGuard Blue Beacon Kit (Counterweight Mounted)                               |     |
|      | 1001209414  | NLA | SkyGuard Blue Beacon Kit (Hood Mounted) (Use p/n 1001218500)                   |     |
|      | 1001218500  | Ref | SkyGuard Blue Beacon Kit (Hood Mounted)                                        |     |
|      | 1001210033  | Ref | SkyGuard Red Beacon Complete Add-on Kit                                        |     |
|      | 1001210032  | Ref | SkyGuard Red Beacon Kit (Counterweight Mounted)                                |     |
|      | 1001210040  | NLA | SkyGuard Red Beacon Kit (Hood Mounted) (Use p/n 1001218501)                    |     |
|      | 1001218501  | Ref | SkyGuard Red Beacon Kit (Hood Mounted)                                         |     |
|      | 1001232643  | Ref | SkyLine Add-on Kit (Dealer Installed)                                          |     |
|      | 1001200316  | Ref | Telematics Installations (Customer Supplied)                                   |     |

## SECTION 10 - SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION                                                                  | REV |
|------|-------------|-----|------------------------------------------------------------------------------|-----|
|      | 1001210089  | Ref | Telematics - CAT                                                             |     |
|      | 1001228363  | Ref | Telematics - Herc                                                            |     |
|      | 1001209282  | Ref | Telematics - Loxam                                                           |     |
|      | 1001210090  | Ref | Telematics - Riwal                                                           |     |
|      | 1001195610  | Ref | Telematics - United Rentals                                                  |     |
|      |             | Ref | Tools for Service                                                            |     |
|      | 2901443     | 1   | Analyzer Kit                                                                 |     |
|      | 8896941     | 1   | Wire Stripper                                                                |     |
|      | 7002821     | 1   | Wire Crimper (To install wire ends to wires)                                 |     |
|      | 7002823     | 1   | Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)    |     |
|      | 4460467     | 1   | Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) |     |
|      | 4460510     | 1   | Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) |     |
|      | 7016652     | 1   | Huck Fastener Tool (Small Fasteners Only)                                    |     |
|      | 7002822     | 1   | Screwdriver, Potentiometer (To Adjust Drive Controllers)                     |     |
|      | 7016654     | 1   | Screwdriver, Magnetic                                                        |     |
|      | 7004275     | 1   | Seal Installation Tool - 1in                                                 |     |
|      | 7004276     | 1   | Seal Installation Tool - 1 1/2in                                             |     |
|      | 7002826     | 1   | Seal Installation Tool - 2in                                                 |     |
|      | 7016655     | 1   | Wire Rope Sheave Gauge                                                       |     |
|      | 2915230     | 1   | Battery Charger Reprogram Controller                                         |     |
|      | 1001137005  | 1   | Software Cable Kit                                                           |     |
|      | 1001143933  | Ref | Turntable Bearing Kit                                                        |     |
|      | 1001241264  | Ref | Wear Pad Kit E300AJ (SN 0300211844 through 0300157823)                       |     |
|      | 1001241265  | Ref | Wear Pad Kit E300AJ (SN 0300157823 through 0300272206)                       |     |
|      | 1001241266  | Ref | Wear Pad Kit E300AJP (SN 0300211844 through 0300157823)                      |     |
|      | 1001241267  | Ref | Wear Pad Kit E300AJP (SN 0300157823 through 0300272206)                      |     |
|      | 0259044     | Ref | Weld Leads Installations (E300AJ without UL Specs Only)                      |     |
|      | 1001231954  | Ref | White Noise Alarm Installation                                               |     |
|      | 1001231958  | Ref | White Noise Ambient Alarm Installation                                       |     |
|      | 1001235850  | Ref | White Noise Alarm Service Kit                                                |     |
|      | 1001235853  | Ref | White Noise Ambient Alarm Service Kit                                        |     |

**PART NUMBER INDEX**

## SECTION 10 - SPECIAL OPTIONS

|                             |                              |                            |                            |
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