# Illustrated Parts Manual

## *Models*
## *800S*
## *860SJ*

**SN 0300140000 through**
**0300182743**
**&**
**SN B300000100 through**
**B300001091**

**P/N**
**3121270**

August 31, 2018 - Rev N

***ANSI***

CE

An Oshkosh Corporation Company

# REVISION LOG

NOTES:

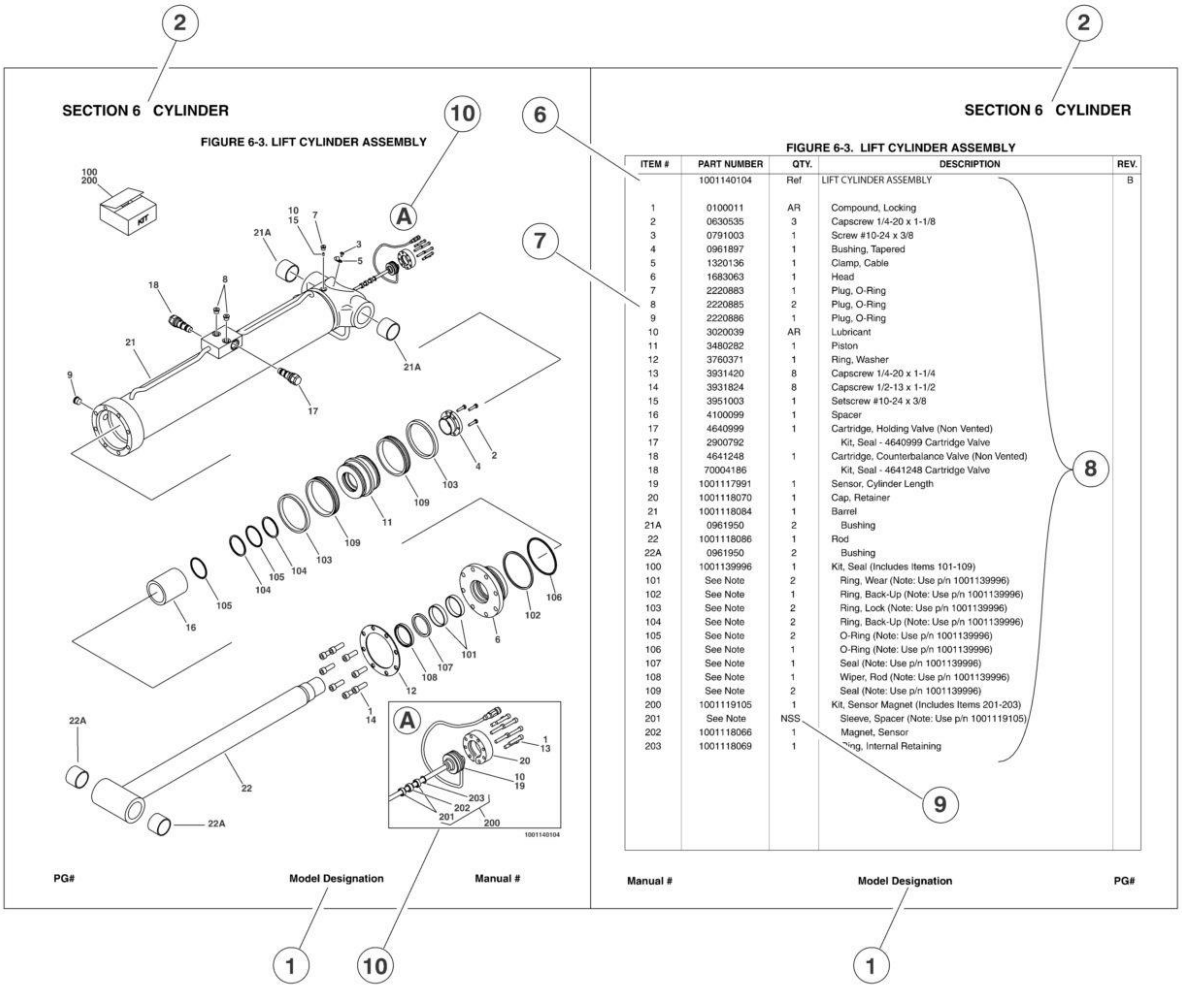
Note: USA Built Machines With SNs 0300174290, 030180894 & 0300181347 also built to the same specs as USA Built Machines SN 0300182743 to Present - Use Parts Manual P/N 3121632.

Note: The 800S & 860SJ Boom Lifts are manufactured by JLG Industries in the following countries: USA and China. Refer to the Serial Number Tag to identify the country of manufacture. The country of manufacture may be determined by the Serial Number. Machines manufactured in the USA will have a serial number prefix of 03 (i.e. 03XXXXXXXX). Machines manufactured in the China will have a serial number prefix of B3 (i.e. B3XXXXXXXX).

REVISION LOG:

April 21, 2011 - A - Original Issue Of Manual (Edited to B/M 0010575 Revision 124)
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January 10, 2012 - D - Revised Manual (Edited to B/M 0010575 Revision D)
June 15, 2012 - E - Revised Manual (Edited to B/M 0010575 Revision E)
August 2, 2012 - F - Revised Manual (Edited to B/M 0010575 Revision E)
January 4, 2013 - G - Revised Manual (Edited to B/M 0010575 Revision E)
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January 17, 2014 - K - Revised Manual (Edited to B/M 0010575 Revision AL)
October 6, 2014 - L - Revised Manual
December 15, 2015 - M - Revised Manual (Revision 3)
August 31, 2018 - N - Revised Manual

# GENERAL INFORMATION




| ITEM # | PART NUMBER | QTY. | DESCRIPTION | REV. |
|---|---|---|---|---|
| | 1001140104 | Ref | LIFT CYLINDER ASSEMBLY | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630535 | 3 | Capscrew 1/4-20 x 1-1/8 | |
| 3 | 0791003 | 1 | Screw #10-24 x 3/8 | |
| 4 | 0961897 | 1 | Bushing, Tapered | |
| 5 | 1320136 | 1 | Clamp, Cable | |
| 6 | 1683063 | 1 | Head | |
| 7 | 2220883 | 1 | Plug, O-Ring | |
| 8 | 2220885 | 2 | Plug, O-Ring | |
| 9 | 2220886 | 1 | Plug, O-Ring | |
| 10 | 3020039 | AR | Lubricant | |
| 11 | 3480282 | 1 | Piston | |
| 12 | 3760371 | 1 | Ring, Washer | |
| 13 | 3931420 | 8 | Capscrew 1/4-20 x 1-1/4 | |
| 14 | 3931824 | 8 | Capscrew 1/2-13 x 1-1/2 | |
| 15 | 3951003 | 1 | Setscrew #10-24 x 3/8 | |
| 16 | 4100099 | 1 | Spacer | |
| 17 | 4640999 | 1 | Cartridge, Holding Valve (Non Vented) | |
| 17 | 2900792 | | Kit, Seal - 4640999 Cartridge Valve | |
| 18 | 4641248 | 1 | Cartridge, Counterbalance Valve (Non Vented) | |
| 18 | 70004186 | | Kit, Seal - 4641248 Cartridge Valve | |
| 19 | 1001117991 | 1 | Sensor, Cylinder Length | |
| 20 | 1001118070 | 1 | Cap, Retainer | |
| 21 | 1001118084 | 1 | Barrel | |
| 21A | 0961950 | 2 | Bushing | |
| 22 | 1001118086 | 1 | Rod | |
| 22A | 0961950 | 2 | Bushing | |
| 100 | 1001139996 | 1 | Kit, Seal (Includes Items 101-109) | |
| 101 | See Note | 2 | Ring, Wear (Note: Use p/n 1001139996) | |
| 102 | See Note | 1 | Ring, Back-Up (Note: Use p/n 1001139996) | |
| 103 | See Note | 2 | Ring, Lock (Note: Use p/n 1001139996) | |
| 104 | See Note | 2 | Ring, Back-Up (Note: Use p/n 1001139996) | |
| 105 | See Note | 2 | O-Ring (Note: Use p/n 1001139996) | |
| 106 | See Note | 1 | O-Ring (Note: Use p/n 1001139996) | |
| 107 | See Note | 1 | Seal (Note: Use p/n 1001139996) | |
| 108 | See Note | 1 | Wiper, Rod (Note: Use p/n 1001139996) | |
| 109 | See Note | 2 | Seal (Note: Use p/n 1001139996) | |
| 200 | 1001119105 | 1 | Kit, Sensor Magnet (Includes Items 201-203) | |
| 201 | See Note | NSS | Sleeve, Spacer (Note: Use p/n 1001119105) | |
| 202 | 1001118066 | 1 | Magnet, Sensor | |
| 203 | 1001118069 | 1 | Ring, Internal Retaining | |

**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, referance 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... ..... ..Auxiliary
AWG ..... ..American WireGauge
B/M.. ..... Bill of Material
CE.. ..... ..European Conformity
CCW ..... .Counter Clockwise
cm. ..... Centimeter
CW ..... .Clockwise
CSA. ..... ..Canadian Standards Association
CYL... ..... .Cylinder
DIA. ..... ..Diameter
DC ..... .Direct Current
EMS ..... Emergency Stop
ENG ..... .Engine
FT(ft).. ..... ..Feet
GA(Ga).. ..... .Gauge
HYD ..... Hydraulic
Hz.. ..... Hertz
ID.. ..... .Inside Diameter
in... ..... .inches
ISO ..... ....International Organization for Standards
JIC ..... .Joint Industry Council
KG ..... .Kilogram
L.. ..... ..Liter
LB ..... ..Pounds

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

**10) ILLUSTRATION REFERANCE LETTERS**
When necessary, illustrations may contain referance 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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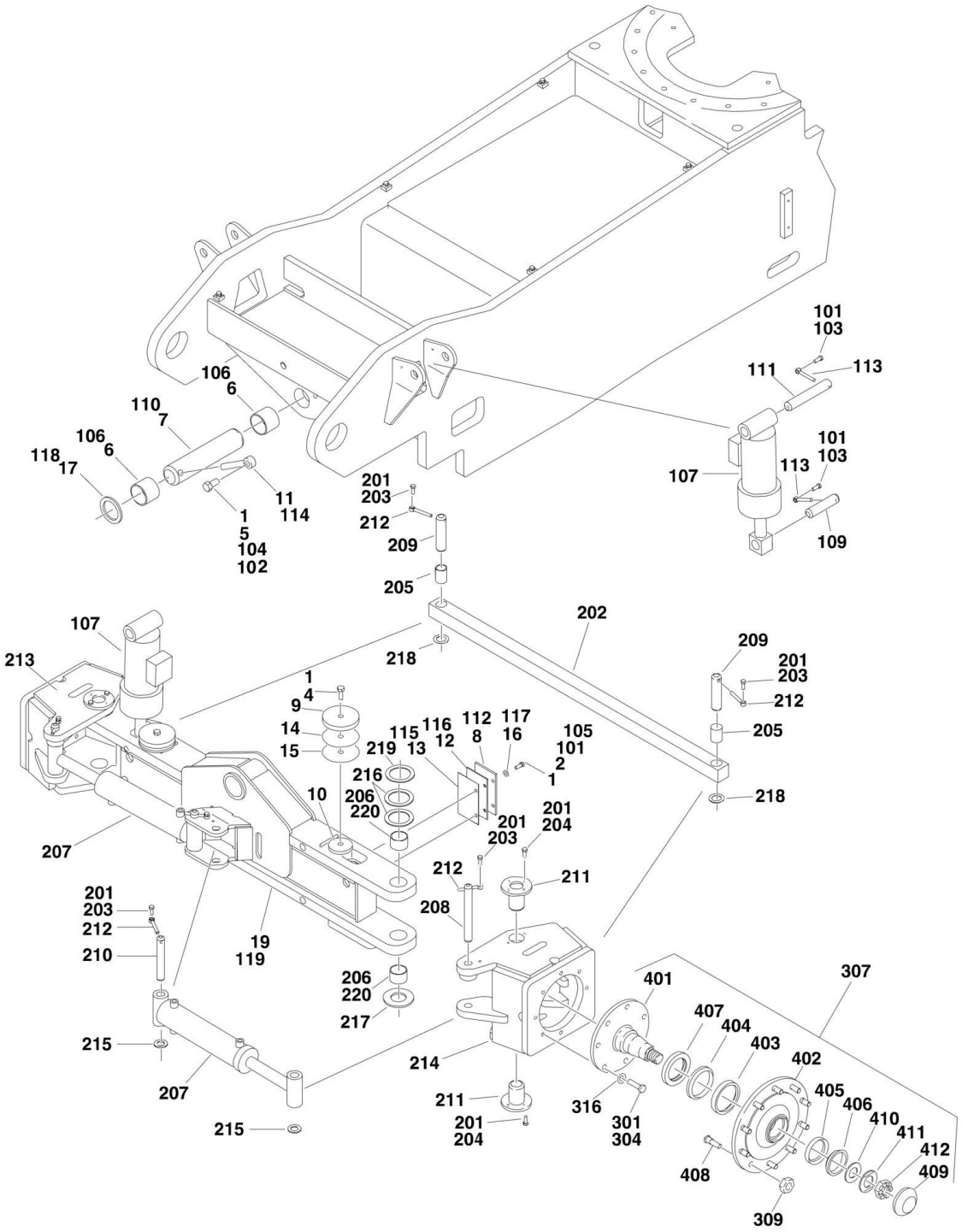
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# SECTION 1 - FRAME

# SECTION 1 - FRAME

## FIGURE 1-1. AXLE AND STEERING INSTALLATION WITHOUT TOW PACKAGE



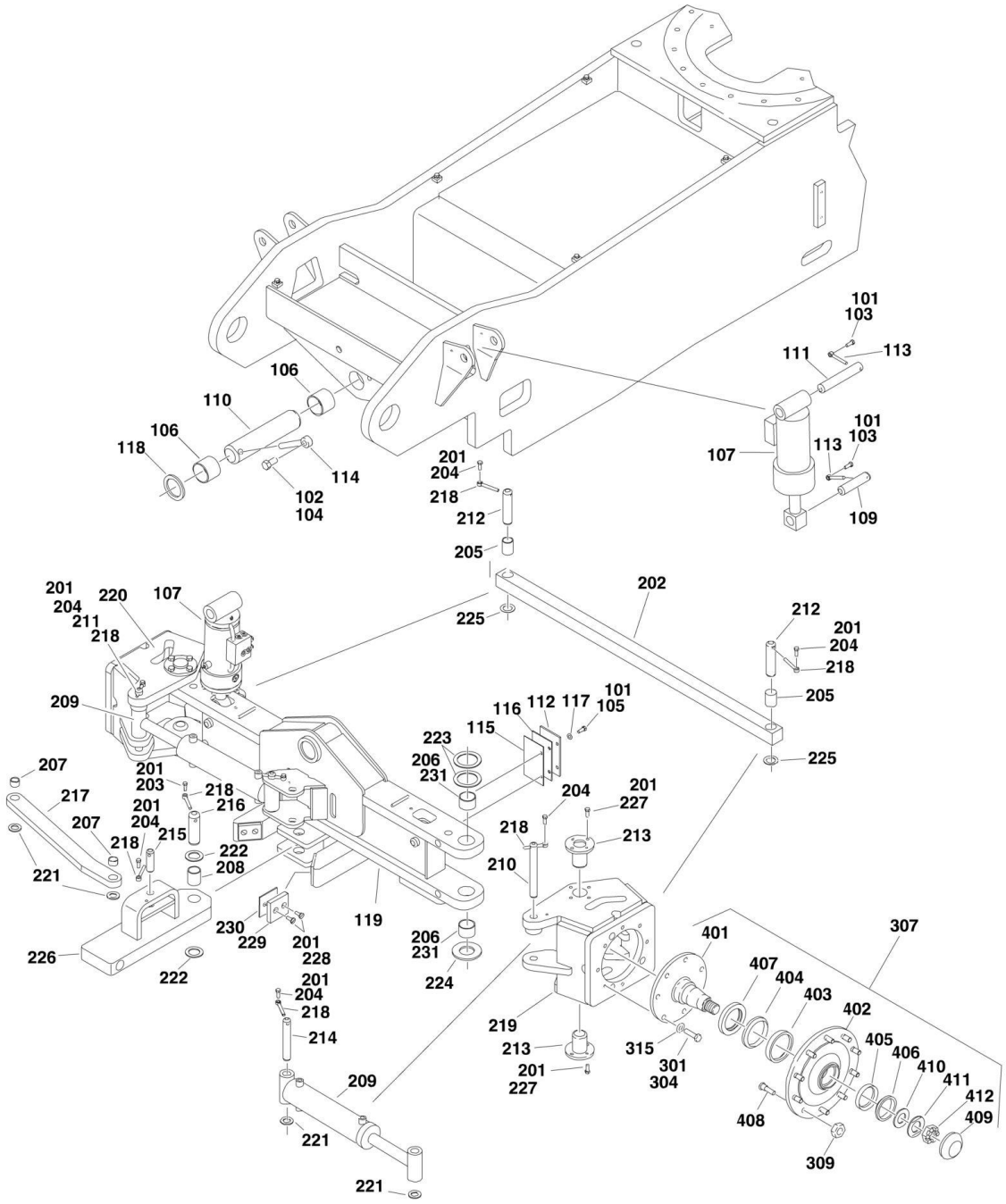
## FIGURE 1-1. AXLE AND STEERING INSTALLATION WITHOUT TOW PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258286 | Ref | **FIXED AXLE INSTALLATION** | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0681608 | 4 | Bolt 3/8in-16NC x 1in (Grade 8) | |
| 4 | 0641820 | 2 | Bolt 1/2in-13NC x 2-1/2in | |
| 5 | 0642212 | 1 | Bolt 3/4in-10NC x 1-1/2in | |
| 6 | 0962102 | 2 | Bushing, Garmax | |
| 7 | 3422703 | 1 | Pin, Axle Pivot | |
| 8 | 3538047 | 2 | Shim, Wear | |
| 9 | 3539877 | 2 | Plate, Stop | |
| 10 | 3539878 | 2 | Plate, Stop | |
| 11 | 3841287 | 1 | Keeper, Pin | |
| 12 | 4070878 | AR | Shim 1/16in | |
| 13 | 4070879 | AR | Shim 1/8in | |
| 14 | 4070944 | AR | Shim 1/16in | |
| 15 | 4070945 | AR | Shim 1/4in | |
| 16 | 4711600 | 4 | Flatwasher 3/8in Thin | |
| 17 | 4740472 | 1 | Washer, Special | |
| 19 | 4845658 | 1 | Axle Weldment | |
| | 0274571 | Ref | **OSCILLATING AXLE INSTALLATION** | C |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0100019 | AR | Compound, Locking | |
| 103 | 0641608 | 4 | Bolt 3/8in-16NC x1in | |
| 104 | 0642212 | 1 | Bolt 3/4in-10NC x 1-1/2in | |
| 105 | 0681608 | 4 | Bolt 3/8in-16NC x1in (Grade 8) | |
| 106 | 0962102 | 2 | Bushing, Garmax | |
| 107 | 1683078 | 2 | Lockout Cylinder Assembly (See CYLINDER SECTION for Breakdown) | |
| 109 | 3422702 | 2 | Pin | |
| 110 | 3422703 | 1 | Pin, Main Pivot | |
| 111 | 3422755 | 2 | Pin | |
| 112 | 3538047 | 2 | Shim, Axle Wear | |
| 113 | 3841143 | 4 | Shaft, Keeper 3/8in Dia x 3in | |
| 114 | 3841287 | 1 | Shaft, Keeper 3/8in Dia x 6in | |
| 115 | 4070878 | 2 | Shim, Axle Wear | |
| 116 | 4070879 | 2 | Shim, Axle Wear | |
| 117 | 4711600 | 4 | Flatwasher 3/8in Thin | |
| 118 | 4740472 | 1 | Washer, Special | |
| 119 | 4845658 | 1 | Axle Weldment | |
| | 0272003 | Ref | **STEERING INSTALLATIONS (2WS)** | E |
| | | Ref | **Note: Before ordering king pin kit, verify that machines is equipped with king pin with 4 bolt holes (OEN) or king pin with 8 bolt holes (Service Kit) - If the king pin hole in the axle measurement exceeds 2.252in OD or is elongated, use King Pin Kit p/n 1001137261.** | |
| 201 | 0100011 | AR | Compound, Locking | |
| 202 | 0362726 | 1 | Tie-Rod | |
| 203 | 0641608 | 6 | Bolt 3/8in-16NC x 1in | |
| 204 | 0641810 | 16 | Bolt 1/2in-13NC x 1-1/4in | |
| 205 | 0962152 | 2 | Bearing | |
| 206 | | Ref | Bearing Options: | |
| 206 | 0962448 | 4 | Bearing, Garmax - Composite (USA Built Machines) **(SN** | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **0300140000 through 0300150054 Only)** | |
| 206 | 1001112651 | 4 | Bearing, Bronze Limited - Aluminum/Bronze (USA Built Machines) **(SN 0300150055 through 0300182743 Only)** | |
| 206 | 0962448 | 4 | Bearing, Garmax - Composite (China Built Machines) **(SN B300000100 through B300000281 Only)** | |
| 206 | 1001112651 | 4 | Bearing, Bronze Limited - Aluminum/Bronze (China Built Machines) **(SN B300000282 through B300001091)** | |
| 207 | | Ref | Steer Cylinder Assembly Options (See CYLINDER SECTION for Breakdown): | |
| 207 | 1683740 | 2 | USA Built Machines **(SN 0300140000 through 0300142665 Only)** | |
| 207 | 1001097243 | 2 | USA Built Machines **(SN 0300142666 through 0300182743 Only)** | |
| 207 | 1001097243 | 2 | China Built Machines **(SN B300000100 through B300001091)** | |
| 208 | 3422701 | 2 | Pin, Steer, Spindle Attach | |
| 209 | 3422702 | 2 | Pin, Tie-Rod | |
| 210 | 3422754 | 2 | Pin, Attach | |
| 211 | 3422849 | 4 | Kingpin | |
| 212 | 3841143 | 6 | Shaft, Keeper 3/8in x 3in | |
| 213 | 4130389 | 1 | Spindle Weldment (RH) | |
| 214 | 4130390 | 1 | Spindle Weldment (LH) | |
| 215 | 4740111 | 4 | Washer, Special | |
| 216 | 4740256 | AR | Thrustwasher | |
| 217 | 4740463 | 2 | Washer, Special | |
| 218 | 4740473 | 2 | Thrustwasher | |
| 219 | 1001103810 | 2 | Thrustwasher | |
| 220 | 3020029 | AR | Grease, Bearing | |
| | 0273378 | Ref | **HUB INSTALLATION (2WD ONLY)** | E |
| 301 | 0100011 | AR | Compound, Locking | |
| 304 | 0682016 | 16 | Bolt 5/8in-16NC x 2in (Grade 8) | |
| 307 | 2780229 | 2 | Hub Assembly (See Items 401-412 for Breakdown) | |
| 309 | 3300007 | 20 | Lugnut | |
| 316 | 4892000 | 16 | Flatwasher 5/8in Hardened | |
| | 2780229 | Ref | **HUB ASSEMBLY (2WD ONLY)** | A |
| 401 | 7017052 | 2 | Spindle (1 per Assembly) | |
| 402 | 7017053 | 2 | Housing (1 per Assembly) | |
| 403 | 7010404 | 2 | Cup, Bearing - Inner (1 per Assembly) | |
| 404 | 7010405 | 2 | Cone, Bearing - Inner (1 per Assembly) | |
| 405 | 7017056 | 2 | Cup, Bearing - Outer (1 per Assembly) | |
| 406 | 7017055 | 2 | Cone, Bearing - Outer (1 per Assembly) | |
| 407 | 7010406 | 2 | Seal, Lip (1 per Assembly) | |
| 408 | 7000265 | 20 | Stud (10 per Assembly) | |
| 409 | 7017054 | 2 | Dust Cap (1 per Assembly) | |
| 410 | 7017051 | 2 | Washer, Special (1 per Assembly) | |
| 411 | 7017057 | 2 | Washer, Tanged (1 per Assembly) | |
| 412 | 7017058 | 2 | Nut, Bearing (1 per Assembly) | |

## FIGURE 1-2. AXLE AND STEERING INSTALLATION WITH TOW PACKAGE



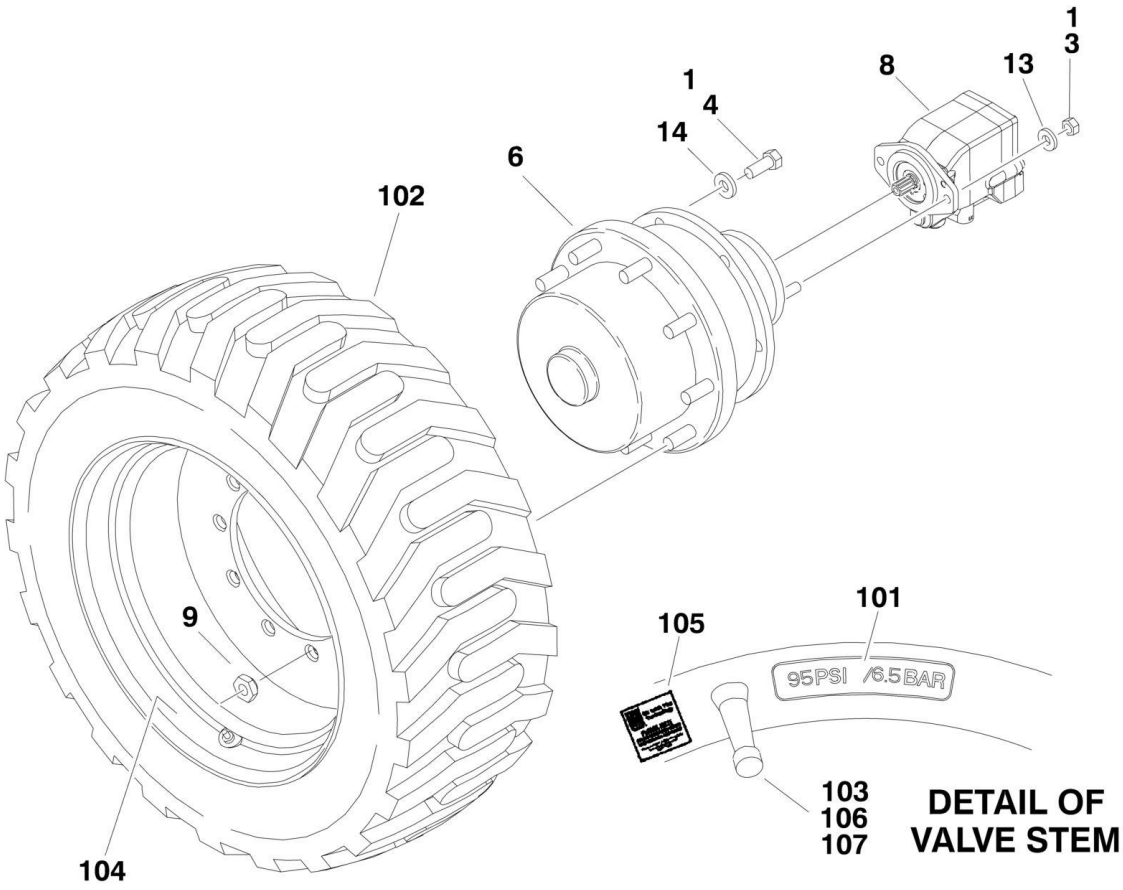
## FIGURE 1-2. AXLE AND STEERING INSTALLATION WITH TOW PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0274572 | Ref | **OSCILLATING AXLE INSTALLATION** | C |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0100019 | AR | Compound, Locking | |
| 103 | 0641608 | 4 | Bolt 3/8in-16NC x1in | |
| 104 | 0642212 | 1 | Bolt 3/4in-10NC x 1-1/2in | |
| 105 | 0681608 | 4 | Bolt 3/8in-16NC x1in (Grade 8) | |
| 106 | 0962102 | 2 | Bushing, Garmax | |
| 107 | 1683078 | 2 | Lockout Cylinder Assembly (See CYLINDER SECTION for Breakdown) | |
| 109 | 3422702 | 2 | Pin | |
| 110 | 3422703 | 1 | Pin, Main Pivot | |
| 111 | 3422755 | 2 | Pin | |
| 112 | 3538047 | 2 | Shim, Axle Wear | |
| 113 | 3841143 | 4 | Shaft, Keeper 3/8in Dia x 3in | |
| 114 | 3841287 | 1 | Shaft, Keeper 3/8in Dia x 6in | |
| 115 | 4070878 | 2 | Shim, Axle Wear | |
| 116 | 4070879 | 2 | Shim, Axle Wear | |
| 117 | 4711600 | 4 | Flatwasher 3/8in Thin | |
| 118 | 4740472 | 1 | Washer, Special | |
| 119 | 4846413 | 1 | Axle Weldment | |
| | 0271352 | Ref | **STEERING INSTALLATION** | H |
| | | Ref | **Note: Before ordering king pin kit, verify that machines is equipped with king pin with 4 bolt holes (OEN) or king pin with 8 bolt holes (Service Kit) - If the king pin hole in the axle measurement exceeds 2.252in OD or is elongated, use King Pin Kit p/n 1001137261.** | |
| 201 | 0100011 | AR | Compound, Locking | |
| 202 | 0362726 | 1 | Tie-Rod | |
| 203 | 0641508 | 1 | Bolt 5/16in- 18NC x 1in | |
| 204 | 0641608 | 7 | Bolt 3/8in-16NC x 1in | |
| 205 | 0962152 | 2 | Bearing, Garmax | |
| 206 | | Ref | Bearing Options: | |
| 206 | 0962448 | 4 | Bearing, Garmax - Composite (USA Built Machines) **(SN 0300140000 through 0300150054 Only)** | |
| 206 | 1001112651 | 4 | Bearing, Bronze Limited - Aluminum/Bronze (USA Built Machines) **(SN 0300150055 through 0300182743 Only)** | |
| 206 | 0962448 | 4 | Bearing, Garmax - Composite (China Built Machines) **(SN B300000100 through B300000281 Only)** | |
| 206 | 1001112651 | 4 | Bearing, Bronze Limited - Aluminum/Bronze (China Built Machines) **(SN B300000282 through B300001091)** | |
| 207 | 0962292 | 2 | Bearing, Garmax | |
| 208 | 0962348 | 1 | Bearing, Garmax | |
| 209 | | Ref | Steer Cylinder Assembly Options (See CYLINDER SECTION for Breakdown): | |
| 209 | 1683740 | 2 | USA Built Machines **(SN 0300140000 through 0300142665 Only)** | |
| 209 | 1001097243 | 2 | USA Built Machines **(SN 0300142666 through 0300182743 Only)** | |
| 209 | 1001097243 | 2 | China Built Machines **(SN B300000100 through B300001091)** | |
| 210 | 3422567 | 1 | Pin, Steer Spindle Attach (RH) | |
| 211 | 3422701 | 1 | Pin, Steer Spindle Attach (LH) | |
| 212 | 3422702 | 2 | Pin, Tie-Rod | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 213 | 3422972 | 4 | Kingpin | |
| 214 | 3422754 | 2 | Pin, Attach | |
| 215 | 3422813 | 1 | Pin | |
| 216 | 3422848 | 1 | Pin, Hitch | |
| 217 | 2573001 | 1 | Link, Connecting | |
| 218 | 3841143 | 8 | Shaft, Keeper 3/8in x 3in | |
| 219 | 4130390 | 1 | Spindle Weldment (LH) | |
| 220 | 4130388 | 1 | Spindle Weldment (RH) | |
| 221 | 4740111 | 6 | Washer, Special | |
| 222 | 4740155 | 2 | Thrustwasher | |
| 223 | 4740256 | 4 | Thrustwasher | |
| 224 | 4740463 | 2 | Thrustwasher | |
| 225 | 4740473 | 2 | Washer, Special | |
| 226 | 4846935 | 1 | Bar, Pivot | |
| 227 | 0641810 | 16 | Bolt 1/2in-13NC x 1-1/4in | |
| 228 | 0741609 | 4 | Screw 3/8in-16NC x 1-1/4in | |
| 229 | 3340966 | 2 | Pad, Stop | |
| 230 | 4071059 | 4 | Shim | |
| 231 | 3020029 | AR | Grease, Bearing | |
| | 0273378 | Ref | **HUB INSTALLATION (2WD ONLY)** | E |
| 301 | 0100011 | AR | Compound, Locking | |
| 304 | 0682016 | 16 | Bolt 5/8in-16NC x 2in (Grade 8) | |
| 307 | 2780229 | 2 | Hub Assembly (See Items 401-412 for Breakdown) | |
| 309 | 3300007 | 20 | Lugnut | |
| 315 | 4892000 | 16 | Flatwasher 5/8in Hardened | |
| | 2780229 | Ref | **HUB ASSEMBLY (2WD ONLY)** | A |
| 401 | 7017052 | 2 | Spindle (1 per Assembly) | |
| 402 | 7017053 | 2 | Housing (1 per Assembly) | |
| 403 | 7010404 | 2 | Cup, Bearing - Inner (1 per Assembly) | |
| 404 | 7010405 | 2 | Cone, Bearing - Inner (1 per Assembly) | |
| 405 | 7017056 | 2 | Cup, Bearing - Outer (1 per Assembly) | |
| 406 | 7017055 | 2 | Cone, Bearing - Outer (1 per Assembly) | |
| 407 | 7010406 | 2 | Seal, Lip (1 per Assembly) | |
| 408 | 7000265 | 20 | Stud (10 per Assembly) | |
| 409 | 7017054 | 2 | Dust Cap (1 per Assembly) | |
| 410 | 7017051 | 2 | Washer, Special (1 per Assembly) | |
| 411 | 7017057 | 2 | Washer, Tanged (1 per Assembly) | |
| 412 | 7017058 | 2 | Nut, Bearing (1 per Assembly) | |

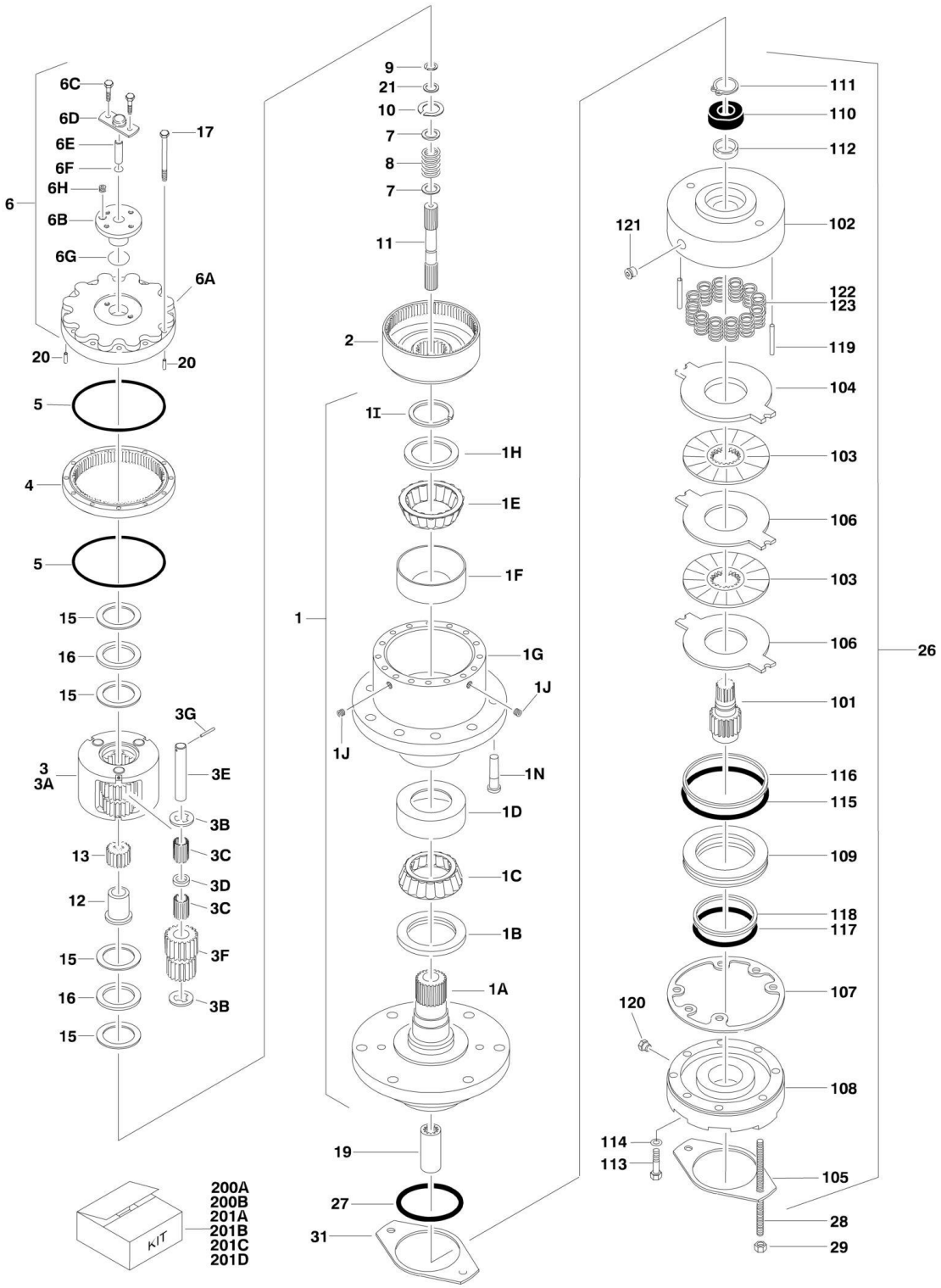
**FIGURE 1-3. TIRE AND WHEEL DRIVE INSTALLATIONS**



## FIGURE 1-3. TIRE AND WHEEL DRIVE INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **WHEEL DRIVE INSTALLATION** | |
| | 0273378 | Ref | **Wheel Drive Installation 2WD** | E |
| | 0273704 | Ref | **Wheel Drive Installation 4WD** | D |
| | | Ref | **Note: 2WD Qty Shown. For 4WD, Double Qty Shown.** | |
| 1 | 0100011 | AR | Compound, Locking | |
| 3 | 3311801 | 4 | Nut 1/2in-13 NC | |
| 4 | 0682016 | 16 | Bolt 5/8in-11NC x 2in (Grade 8) | |
| 5 | 2300016 | AR | Fluid, Hydraulic (Not Shown) | |
| 6 | 2780272 | 2 | Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown) | |
| 7 | 3020008 | AR | Lubricant (Not Shown) | |
| 8 | | Ref | Drive Motor Assembly Options (See DRIVE MOTOR ASSEMBLY for Breakdown): | |
| 8 | 3160347 | 2 | 2WD Rear | |
| 8 | 3160348 | 4 | 4WD Front and Rear | |
| 9 | 3300007 | 20 | Nut, Wheel | |
| 13 | 4891800 | 4 | Flatwasher, 1/2in Hardened | |
| 14 | 4892000 | 16 | Flatwasher 5/8in Hardened | |
| | | Ref | **TIRE AND WHEEL INSTALLATIONS** | |
| | 0270885 | Ref | **15-625 NHS Pneumatic (Available on All Specs except Australian and CE Specs)** | C |
| | 0272322 | Ref | **15-625 NHS Pneumatic with Sealant (Available on ANSI Specs Only)** | C |
| | 0270886 | Ref | **15-625 NHS Foam-Filled (Available on All Specs)** | C |
| | 0270888 | Ref | **18-625 NHS Foam-Filled (Available on All Specs)** | C |
| | 0271083 | 2 | 15-625 NHS Pneumatic Left Side | |
| | 0271084 | 2 | 15-625 NHS Pneumatic Right Side | |
| | 0272334 | 2 | 15-625 NHS Pneumatic with Sealant Left Side | |
| | 0272333 | 2 | 15-625 NHS Pneumatic with Sealant Right Side | |
| | 0271085 | 2 | 15-625 NHS Foam-Filled Left Side | |
| | 0271086 | 2 | 15-625 NHS Foam-Filled Right Side | |
| | 0271090 | 2 | 18-625 NHS Foam-Filled Left Side | |
| | 0271091 | 2 | 18-625 NHS Foam-Filled Right Side | |
| | | Ref | **Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.** | |
| 101 | 1702701 | 1 | Decal - 95 PSI/6.5 Bar (15-625 Tires) (Pneumatic Only) | |
| 102 | | Ref | Tire Options: | |
| 102 | 4520252 | 1 | 15-625 Tire | |
| 102 | 4520253 | 1 | 18-625 Tire | |
| 103 | 4640113 | 1 | Valve, Air | |
| 104 | | Ref | Rim, Wheel Options: | |
| 104 | 4860224 | 1 | 13 x 24.5 Rim (Use with 15-625 Tires) | |
| 104 | 4860225 | 1 | 15 x 24.5 Rim (Use with 18-625 Tires) | |
| 105 | 1705364 | AR | Decal - Tire Sealant (With Sealant Only) | |
| 106 | 1300019 | AR | Chemical, Tire Sealant (Green) (With Sealant Only) | |
| 107 | 1120552 | AR | Cap, Valve Stem (Green) (With Sealant Only) | |

## FIGURE 1-4. DRIVE HUB/BRAKE ASSEMBLY



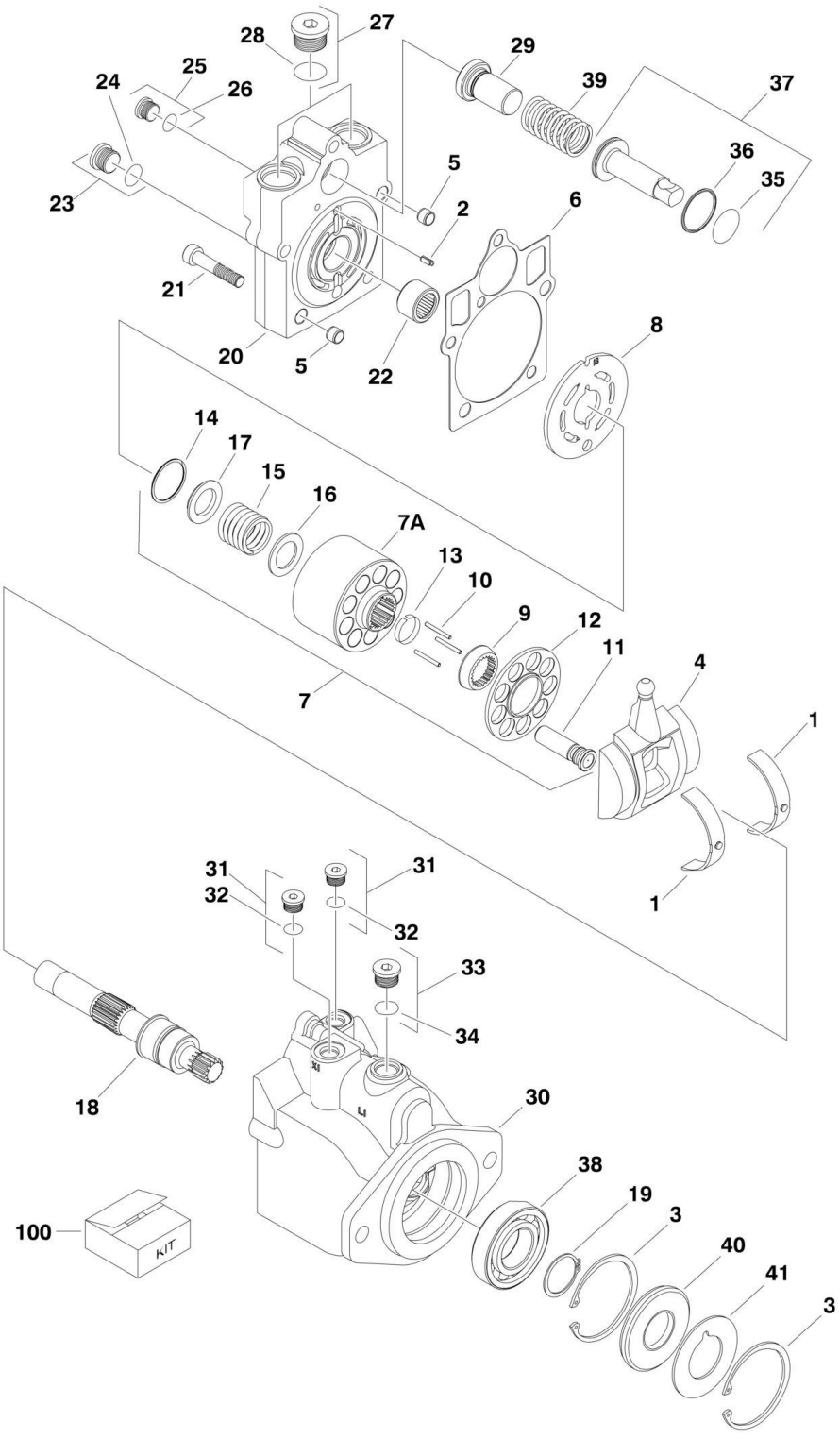
## FIGURE 1-4. DRIVE HUB/BRAKE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2780272 | Ref | **DRIVE HUB/BRAKE ASSEMBLY** | B |
| | 2780227 | Ref | Hub Assembly | B |
| 1 | See Note | NSS | Spindle/Housing Assembly (Note: Not Available - Purchase Individual Components) | |
| 1A | 7010464 | 1 | Spindle | |
| 1B | 7000236 | 1 | Seal | |
| 1C | 7000273 | 1 | Cone, Bearing | |
| 1D | 7000272 | 1 | Cup, Bearing | |
| 1E | 7000275 | 1 | Cone, Bearing | |
| 1F | 7000274 | 1 | Cup, Bearing | |
| 1G | 7017033 | 1 | Housing | |
| 1H | 7000239 | 1 | Thrustwasher | |
| 1I | 7000240 | 1 | Ring, Retaining | |
| 1J | 7001928 | 1 | Plug, Pipe | |
| 1N | 7000265 | 10 | Stud, Wheel | |
| 2 | 7024782 | 1 | Gear, Ring | |
| 3 | 7024145 | 1 | Carrier Assembly | |
| 3A | 7024147 | NLA | Carrier (use p/n 7024145) | |
| 3B | 7001901 | 6 | Thrustwasher, Tanged | |
| 3C | 7001902 | 96 | Bearing, Needle | |
| 3D | 7001903 | 3 | Spacer, Thrust | |
| 3E | 7024146 | 3 | Shaft, Planet | |
| 3F | 7024148 | 3 | Gear, Cluster | |
| 3G | 7001906 | 3 | Rollpin | |
| 4 | 7024151 | 1 | Gear, Internal | |
| 5 | 7000224 | 1 | O-Ring | |
| 6 | See Note | NSS | Cover Assembly (Note: Not Available - Purchase Individual Components) | |
| 6A | 7024155 | 1 | Cover | |
| 6B | 7024783 | 1 | Cap | |
| 6C | 7000220 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 6D | 7000231 | 1 | Cap, Disengage | |
| 6E | 7000235 | 1 | Rod, Disengage | |
| 6F | 7000213 | 1 | O-Ring | |
| 6G | 7000238 | 1 | O-Ring | |
| 6H | 7017048 | 1 | Plug, Pipe | |
| 7 | 7000282 | 2 | Thrustwasher | |
| 8 | 7000283 | 1 | Spring | |
| 9 | 7000284 | 1 | Ring, Retaining | |
| 10 | 7017027 | 1 | Ring, Retaining | |
| 11 | 7024781 | 1 | Shaft, Input | |
| 12 | 7024154 | 1 | Spacer, Input | |
| 13 | 7024149 | 1 | Gear, Sun | |
| 15 | 7000287 | 4 | Thrustwasher | |
| 16 | 7000288 | 2 | Thrustwasher | |
| 17 | 7000289 | 12 | Bolt 3/8in-16NC x 2-1/2in (Grade 8) | |
| 19 | 7000290 | 1 | Coupling | |
| 20 | 7017047 | 2 | Pin, Dowel | |
| 21 | 7017050 | 1 | Thrustwasher | |
| 26 | 7024182 | 1 | Brake Assembly (Includes Items 101-123) | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 27 | 7024763 | 2 | O-Ring | |
| 28 | 7024717 | 2 | Stud 1/2in-13NC x 4-5/8in | |
| 29 | 7024718 | 2 | Nut 1/2in-13NC | |
| 31 | 7000731 | 1 | Gasket | |
| | 7024182 | Ref | **BRAKE ASSEMBLY** | |
| 101 | 7024189 | 1 | Shaft | |
| 102 | See Note | NSS | Housing (Note: Not Available - Purchase Complete Assembly) | |
| 103 | See Note | NSS | Plate, Friction (Note: Use Item 201C) | |
| 104 | See Note | NSS | Plate, Pressure (Note: Use Item 201C) | |
| 105 | 7000731 | 1 | Gasket | |
| 106 | See Note | NSS | Plate, Outer (Note: Use Item 201C) | |
| 107 | See Note | NSS | Gasket (Note: Use Items 200B, 201C or 201D) | |
| 108 | 7024191 | 1 | Cylinder | |
| 109 | 7024192 | 1 | Piston | |
| 110 | See Note | NSS | Bearing, Ball (Note: Use Item 201D) | |
| 111 | See Note | NSS | Ring, Retaining (Note: Use Item 201D) | |
| 112 | See Note | NSS | Seal, Shaft (Note: Use Item 201D) | |
| 113 | See Note | NSS | Capscrew (Note: Not Available for Purchase) | |
| 114 | See Note | NSS | Lockwasher (Note: Not Available for Purchase) | |
| 115 | See Note | NSS | O-Ring (Note: Use Item 200B) | |
| 116 | See Note | NSS | Ring, Back-up (Note: Use Item 200B) | |
| 117 | See Note | NSS | O-Ring (Note: Use Item 200B) | |
| 118 | See Note | NSS | Ring, Back-up (Note: Use Item 200B) | |
| 119 | 7024190 | 2 | Pin, Dowel | |
| 120 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 121 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 122 | See Note | NSS | Spring Kit (Natural) (Note: Use Item 201B) | |
| 123 | See Note | NSS | Spring Kit (Blue) (Note: Use Item 201B) | |
| | | Ref | **KIT OPTIONS:** | |
| 200 | | Ref | Seal Kit Options: | |
| 200A | 7017068 | 1 | Seal Kit - Hub (Includes Items 1B, 1I, 5, 6F, 6G, 15 & 16) | |
| 200B | 7024194 | 1 | Seal Kit - 7024182 Brake (Includes Items 105, 107 & 115-118) | |
| 201 | | Ref | Repair Kit Options: | |
| 201A | 7024196 | 1 | Spring Kit - 7024182 Brake (Includes 12 Natural Colored Springs) (was p/n 7024195) (Note: Spring Kit no Longer Available, Purchase Kit p/n 7024196) | |
| 201B | 7024196 | 1 | Spring Kit - 7024182 Brake (Includes 12 Natural and 2 Blue Colored Springs) | |
| 201C | 7024193 | 1 | Friction Disc Kit - 7024182 Brake (Includes Items 103, 104, 106 & 107) | |
| 201D | 7024197 | 1 | Bearing Kit - 7024182 Brake (Includes Items 107 & 110-112) | |

## FIGURE 1-5. DRIVE MOTOR ASSEMBLY (5 BOLT ASSEMBLY)



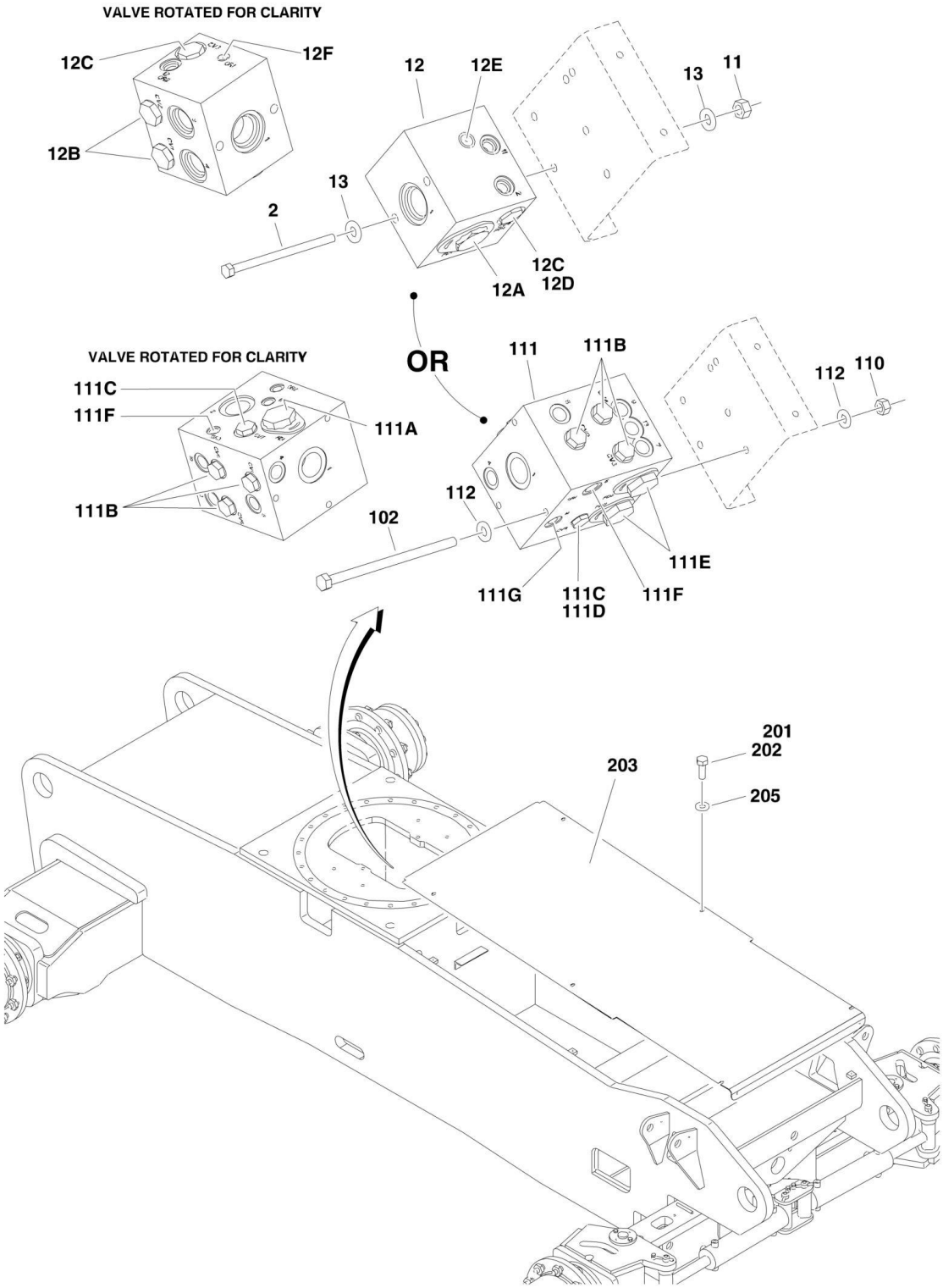
## FIGURE 1-5. DRIVE MOTOR ASSEMBLY (5 BOLT ASSEMBLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **DRIVE MOTOR ASSEMBLIES:** | |
| | 3160347 | Ref | **Drive Motor Assemblies 2WD** | B |
| | 3160348 | Ref | **Drive Motor Assemblies 4WD** | B |
| 1 | 7022302 | 2 | Bearing, Journal | |
| 2 | 7007446 | 1 | Pin | |
| 3 | 7007438 | 2 | Ring, Retaining | |
| 4 | | Ref | Swash Plate Options: | |
| 4 | 70000794 | 1 | Swash Plate 2WD | |
| 4 | 7022305 | 1 | Swash Plate 4WD | |
| 5 | See Note | NSS | Pin (Note: Not Available for Purchase) | |
| 6 | See Note | NSS | Gasket (Note: Use Item 100) | |
| 7 | | Ref | Cylinder Block Kit (Includes Items 7A & 9-17) | |
| 7 | 7027740 | 1 | Cylinder Block Kit 2WD | |
| 7 | 7023907 | 1 | Cylinder Block Kit 4WD | |
| 7A | See Note | NSS | Block, Cylinder (Note: Use Item 7) | |
| 8 | | Ref | Plate, Valve Options: | |
| 8 | 7024862 | 1 | Plate, Valve 2WD | |
| 8 | 7023908 | 1 | Plate, Valve 4WD | |
| 9 | | Ref | Guide, Slipper Retainer Options: | |
| 9 | See Note | NSS | Guide, Slipper Retainer 2WD (Note: Use Item 7) | |
| 9 | 7021277 | 1 | Guide, Slipper Retainer 4WD | |
| 10 | 7021275 | 3 | Pin, Slipper Hold Down | |
| 11 | See Note | NSS | Piston Assembly (Note: Use Item 7) | |
| 12 | | Ref | Retainer, Slipper Options: | |
| 12 | See Note | NSS | Retainer, Slipper 2WD (Note: Use Item 7) | |
| 12 | 7022310 | 1 | Retainer, Slipper 4WD | |
| 13 | | Ref | Retainer, Hold Down Pin Options: | |
| 13 | Not Required | 0 | Retainer, Hold Down Pin 2WD | |
| 13 | 7021276 | 1 | Retainer, Hold Down Pin 4WD | |
| 14 | 7022311 | 1 | Ring, Retaining | |
| 15 | | Ref | Spring Options: | |
| 15 | 7024867 | 1 | Spring 2WD | |
| 15 | 7022312 | 1 | Spring 4WD | |
| 16 | | Ref | Washer Options: | |
| 16 | 7022313 | 1 | Washer 2WD | |
| 16 | 7024868 | 1 | Washer 4WD | |
| 17 | 7022314 | 1 | Retainer, Spring | |
| 18 | 7023910 | 1 | Shaft | |
| 19 | 7007439 | 1 | Ring, Retaining | |
| 20 | | Ref | Cap, End - Axial Options: | |
| 20 | 70000795 | 1 | Cap, End - Axial 2WD | |
| 20 | 70000797 | 1 | Cap, End - Axial 4WD | |
| 21 | 7022368 | 5 | Screw | |
| 22 | 7021249 | 1 | Bearing, Needle | |
| 23 | 2220886 | 1 | Plug (Includes Item 24) | |
| 24 | See Note | NSS | O-Ring (Note: Use Item 23 or 100) | |
| 25 | 2220883 | 1 | Plug (Includes Item 26) | |
| 26 | See Note | NSS | O-Ring (Note: Use Item 25 or 100) | |
| 27 | 2220888 | 2 | Plug (Includes Item 28) | |
| 28 | See Note | NSS | O-Ring (Note: Use Item 27 or 100) | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 29 | | Ref | Seat, Spring Options: | |
| 29 | 7027741 | 1 | Seat, Spring 2WD | |
| 29 | 7022372 | 1 | Seat, Spring 4WD | |
| 30 | See Note | NSS | Housing (Note: Not Available - Purchase Complete Assembly) | |
| 31 | 2220883 | 2 | Plug (Includes Item 32) | |
| 32 | See Note | NSS | O-Ring (Note: Use Item 31 or 100) | |
| 33 | 2220886 | 1 | Plug (Includes Item 34) | |
| 34 | See Note | NSS | O-Ring (Note: Use Item 33 or 100) | |
| 35 | See Note | NSS | O-Ring (Note: Use Item 37 or 100) | |
| 36 | See Note | NSS | Ring, Seal (Note: Use Item 37 or 100) | |
| 37 | | Ref | Piston, Servo Options (Includes Items 35 & 36): | |
| 37 | 7024871 | 1 | Piston, Servo 2WD | |
| 37 | 7024854 | 1 | Piston, Servo 4WD | |
| 38 | 7007437 | 1 | Bearing | |
| 39 | 7022326 | 1 | Spring | |
| 40 | See Note | NSS | Seal, Lip (Note: Use Item 100) | |
| 41 | 7022371 | 1 | Washer, Support | |
| | | Ref | **KIT OPTIONS:** | |
| 100 | 7022328 | 1 | Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40) | |

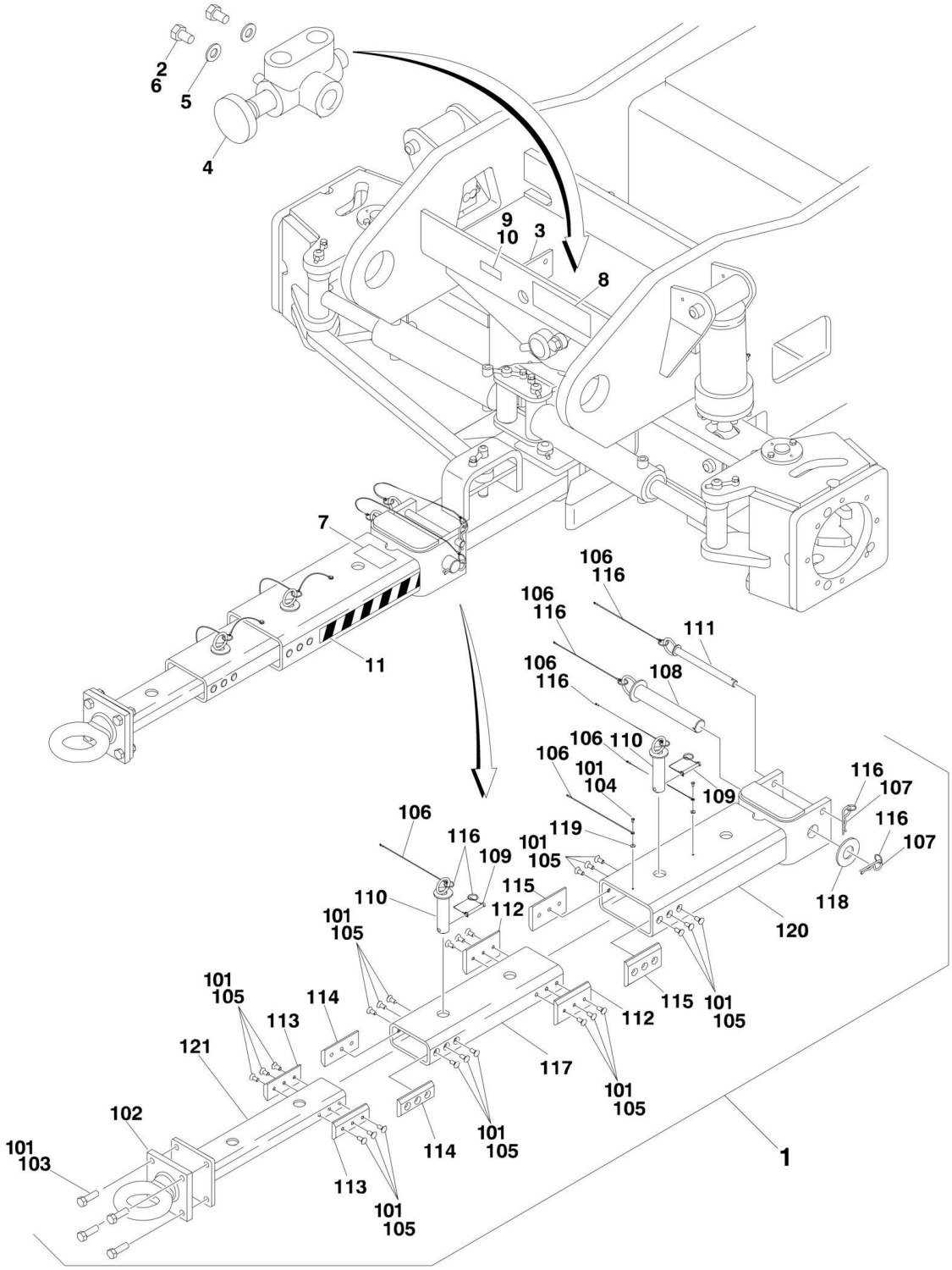
## FIGURE 1-6. FRAME VALVES AND SHIELDS INSTALLATIONS



## FIGURE 1-6. FRAME VALVES AND SHIELDS INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273378 | Ref | **DRIVE VALVES INSTALLATION - 2WD** | E |
| 2 | 0641542 | 2 | Bolt 5/16in-18NC x 5-1/4in | |
| 11 | 3311505 | 2 | Locknut 5/16in-18NC | |
| 12 | 1001099870 | 1 | Flow Divider Valve Assembly | A |
| 12A | 7023933 | 1 | Cartridge, Flow Divider | |
| 12A | 7021625 | 1 | Seal Kit - 7023933 Cartridge | |
| 12A | 70000781 | 1 | Lockdown Kit | |
| 12B | 7022397 | 2 | Cartridge, Check | |
| 12B | 7022399 | 2 | Seal Kit - 7022397 Cartridge | |
| 12C | 70002390 | 2 | Cartridge, Check | |
| 12C | 7022399 | 2 | Seal Kit - 70002390 Cartridge | |
| 12D | 7024881 | 1 | Piston, Pilot | |
| 12E | 7017406 | 1 | Plug | |
| 12F | 7024844 | 1 | Plug | |
| 12F | 7017492 | 1 | Orifice | |
| 13 | 4711500 | 4 | Flatwasher 5/16in Narrow | |
| | 0273704 | Ref | **DRIVE VALVES INSTALLATION - 4WD** | D |
| 102 | 0641560 | 3 | Bolt 5/16in-18NC x 7-1/2in | |
| 110 | 3311505 | 3 | Locknut 5/16in-18NC | |
| 111 | 4641303 | 1 | Flow Divider Valve Assembly | |
| 111A | 7023933 | 1 | Cartridge, Flow Divider | |
| 111A | 7021625 | 1 | Seal Kit - 7023933 Cartridge | |
| 111B | 7022397 | 6 | Cartridge, Check | |
| 111B | 7022399 | 6 | Seal Kit - 7022397 Cartridge | |
| 111C | 7021639 | 2 | Cartridge, Check Valves | |
| 111C | 2900756 | 2 | Seal Kit - 7021639 Cartridge | |
| 111D | 7024881 | 1 | Piston, Pilot | |
| 111E | 7023917 | 2 | Cartridge, Flow Divider | |
| 111E | 7021625 | 2 | Seal Kit - 7023917 Cartridge | |
| 111F | 70003935 | 2 | Orifice | |
| 111G | 70003936 | 1 | Orifice | |
| 112 | 4711500 | 6 | Flatwasher 5/16in Narrow | |
| | 0274267 | Ref | **FRAME SHIELDS INSTALLATIONS** | A |
| 201 | 0100011 | 6 | Compound, Locking | |
| 202 | 0641608 | 6 | Bolt, 3/8in - 16NC x 1in | |
| 203 | 3575718 | 1 | Plate, Cover Front | |
| 205 | 4751600 | 6 | Flatwasher 3/8in | |

## FIGURE 1-7. TOW PACKAGE INSTALLATION

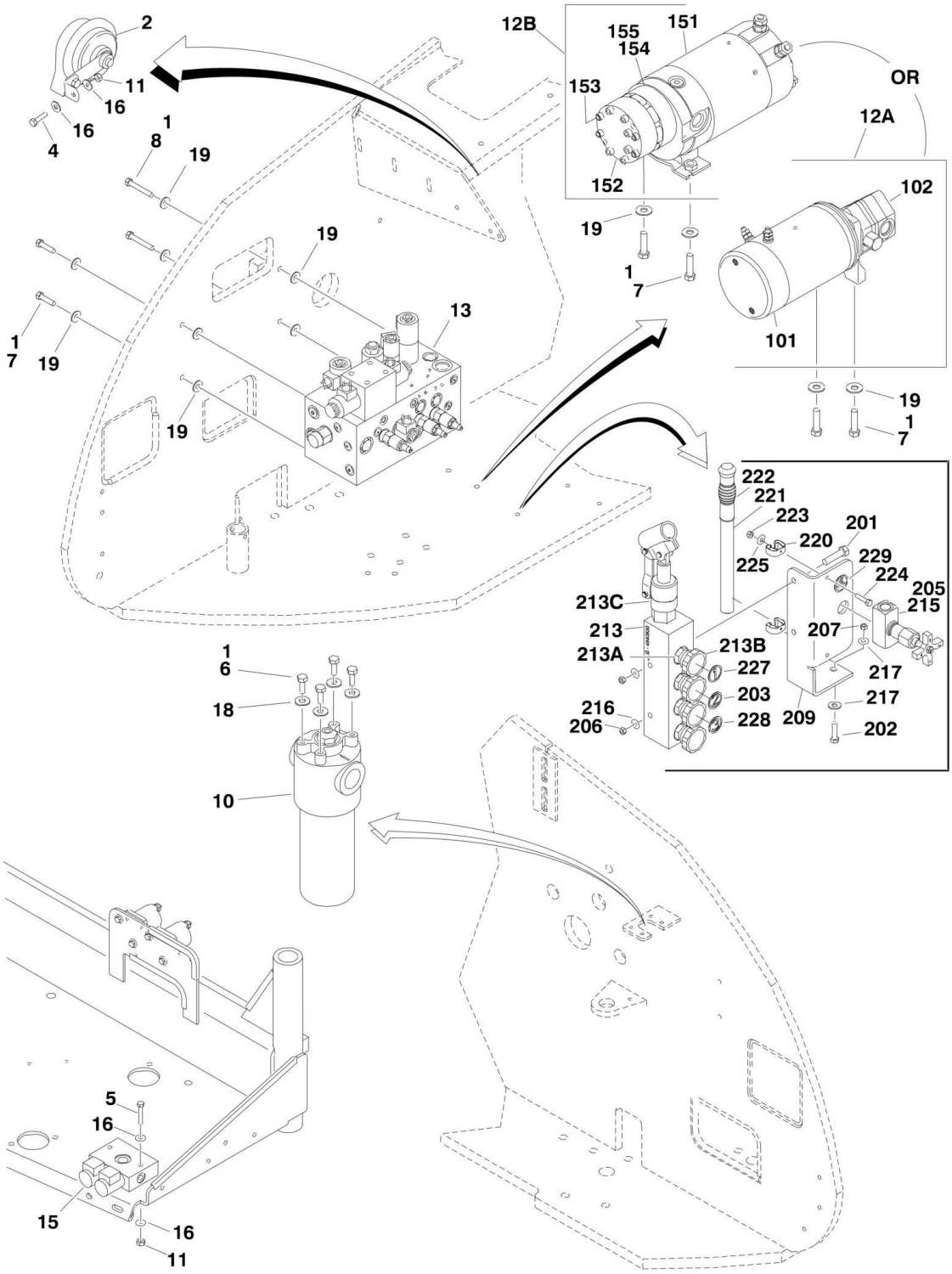


## FIGURE 1-7. TOW PACKAGE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **TOW BAR INSTALLATION** | |
| | 0271354 | Ref | **ANSI, ANSI Export and CSA Specs** | E |
| | 1001166809 | Ref | **CE Specs** | A |
| 1 | 0250528 | 1 | Tow Bar Assembly (See Items 101-121 for Breakdown) | |
| 2 | 0641504 | 2 | Bolt 5/16in-18NC x 1/2in | |
| 3 | 3539662 | 1 | Plate, Valve Mounting | |
| 4 | 4640261 | 1 | Valve, Select | |
| 5 | 4711500 | 2 | Flatwasher 5/16in Thin | |
| 6 | 0100011 | AR | Compound, Locking | |
| 7 | | Ref | Decal - Crushing Options: | |
| 7 | 1704578 | 2 | ANSI, ANSI Export and CSA Specs | |
| 7 | 1706960 | 2 | CE Specs | |
| 8 | | Ref | Decal - Towing Instructions Options: | |
| 8 | 1705090 | 1 | ANSI, ANSI Export and CSA Specs | |
| 8 | Not Required | 0 | CE Specs | |
| 9 | | Ref | Decal/Nameplate - Steer/Tow Select Valve Options: | |
| 9 | 3250872 | 1 | ANSI, ANSI Export and CSA Specs | |
| 9 | 1706957 | 1 | CE Specs | |
| 10 | 3820001 | 4 | Rivet (ANSI, ANSI Export and CSA Specs Only) | |
| 11 | 4420051 | AR | Tape, Safety | |
| | 0270528 | Ref | **TOW BAR ASSEMBLY** | A |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0362910 | 1 | Pintle, Draw Eye | |
| 103 | 0642010 | 4 | Bolt 5/8in-11NC x 1-1/4in | |
| 104 | 0721004 | 2 | Screw, Hex Machine | |
| 105 | 0741607 | 24 | Screw, Countersunk 3/8in-16NC x 7/8in | |
| 106 | 1060584 | 6 | Cable, Lanyard | |
| 107 | 3420372 | 2 | Pin, Cotter | |
| 108 | 3420447 | 1 | Pin, Towing | |
| 109 | 3421565 | 2 | Pin, Snap | |
| 110 | 3422841 | 2 | Pin | |
| 111 | 3422847 | 1 | Pin | |
| 112 | 3572009 | 2 | Plate, Slide Stop | |
| 113 | 3572010 | 2 | Plate, Slide Stop | |
| 114 | 3572011 | 2 | Plate, Slide Stop | |
| 115 | 3572012 | 2 | Plate, Slide Stop | |
| 116 | 3760170 | 8 | Ring, Split | |
| 117 | 4568133 | 1 | Tube, Tow Bar | |
| 118 | 4740036 | 1 | Flatwasher | |
| 119 | 4751000 | 2 | Flatwasher #10 Regular | |
| 120 | 4846295 | 1 | Tow Bar Attach Weldment | |
| 121 | 4846296 | 1 | Pintle Attach Weldment | |

# SECTION 2 - TURNTABLE

## FIGURE 2-1. CONTROL VALVES INSTALLATIONS



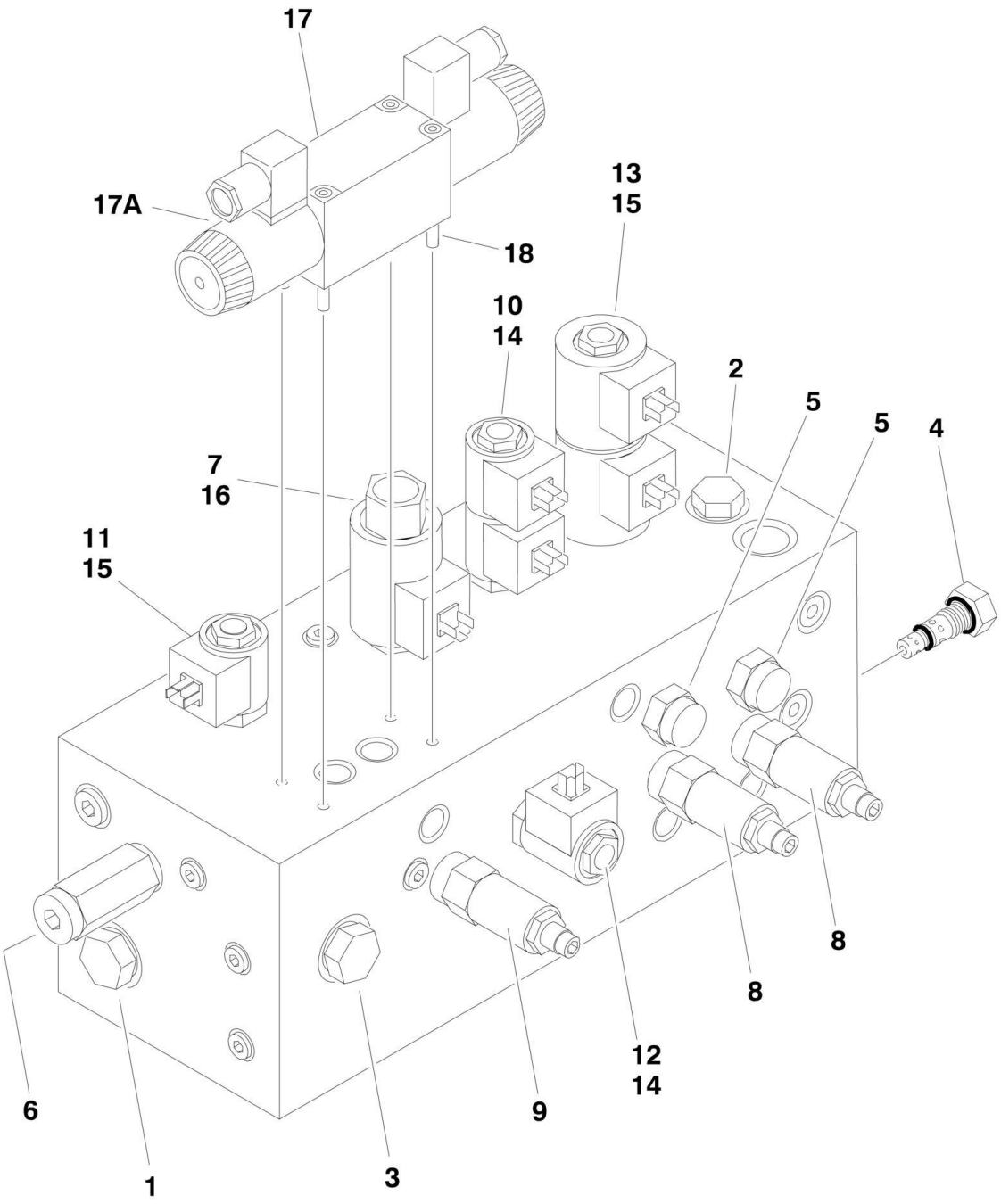
## FIGURE 2-1. CONTROL VALVES INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **VALVES INSTALLATIONS** | |
| | | Ref | **Valves Installations 800S** | |
| | 0274644 | Ref | **Machines without Hostile Environment** | K |
| | 0274644 | Ref | **Machines with Hostile Environment (USA Built Machines) (SN 0300140000 through 0300174926)** | K |
| | 1001155814 | Ref | **Machines with Hostile Environment (USA Built Machines) (SN 0300174927 through 0300182743)** | B |
| | 0274644 | Ref | **Machines with Hostile Environment (China Built Machines) (SN B300000100 through B300000803)** | K |
| | 1001155814 | Ref | **Machines with Hostile Environment (China Built Machines) (SN B300000804 through B300001091)** | B |
| | 0274645 | Ref | **Valves Installations 860SJ** | I |
| | 1001151209 | Ref | **AUXILIARY PUMP INSTALLATION** | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0140001 | 1 | Horn | |
| 4 | 0641408 | 1 | Bolt 1/4in-20NC x 1in | |
| 5 | 0641418 | 2 | Bolt 1/4in-20NC x 2-1/4in | |
| 6 | | Ref | Bolt Options: | |
| 6 | 0641408 | 3 | Bolt 1/4in-20NC x 1in | |
| 6 | 0641606 | 4 | Bolt 3/8in-16NC x 3/4in | |
| 7 | 0641612 | 4 | Bolt 3/8in-16NC x 1-1/2in | |
| 8 | | Ref | Bolt Options: | |
| 8 | 0641612 | 2 | Bolt 800S - Bolt 3/8in-16NC x 1-1/2in | |
| 8 | 0641620 | 2 | Bolt 860SJ - Bolt 3/8in-16NC x 2-1/2in | |
| 10 | | Ref | Hydraulic Pressure Filter Assembly Options: | |
| 10 | | Ref | USA Built Machines **(SN 0300140000 through 0300141318 Only)** | |
| 10 | 2120209 | 1 | Hydraulic Pressure Filter Assembly | |
| 10 | 2120210 | 1 | Element, Filter | |
| 10 | 7020020 | 1 | Manual Indicator | |
| 10 | 70000934 | 1 | O-Ring Filter Bowl | |
| 10 | | Ref | USA Built Machines **(SN 0300141319 through 0300182743 Only)** | |
| 10 | | Ref | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 10 | 1001108617 | 1 | Hydraulic Pressure Filter Assembly | |
| 10 | 70002231 | 1 | Element, Filter | |
| 11 | 3311405 | 3 | Locknut 1/4in-20NC | |
| 12 | | Ref | Auxiliary Pump Assembly Options: | |
| 12A | 3600424 | 1 | Auxiliary Pump Assembly (Haldex Brand) (See Items 101 & 102 for Breakdown) | |
| 12B | 1001137459 | 1 | Auxiliary Pump Assembly (Bucher Hydraulics Brand) (See Items 151-155 for Breakdown) | |
| 13 | 4641432 | 1 | Main Control Valve Assembly (See MAIN CONTROL VALVE ASSEMBLY for Breakdown) | |
| 15 | 4641317 | 1 | Dual Select Valve Assembly | C |
| 15 | 7012944 | 2 | Coil | |
| 15 | 7012941 | 2 | Cartridge Less Coil | |
| 15 | 7010543 | 2 | Seal Kit - 7012941 Valve (1 Per Cartridge) | |
| 16 | 4711400 | 14 | Flatwasher 1/4in Thin | |
| 18 | | Ref | Flatwasher Options: | |
| 18 | 4711400 | 3 | Flatwasher 1/4in Thin | |
| 18 | 4711600 | 4 | Flatwasher 3/8in Thin | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 19 | 4751600 | 10 | Flatwasher 3/8in Regular | |
| | 3600424 | Ref | **AUXILIARY PUMP ASSEMBLY (HALDEX BRAND)** | B |
| 101 | 70001056 | 1 | Motor Kit | |
| 101 | 7011062 | 1 | Bracket, Motor/Pump | |
| 101 | 7011016 | 1 | Coupling | |
| 101 | 7029592 | 2 | Setscrew | |
| 102 | 7029593 | 1 | Pump Kit | |
| 102 | 7011016 | 1 | Coupling | |
| 102 | 7011044 | 1 | Gasket | |
| 102 | 7011048 | 4 | Flatwasher | |
| 102 | 7011043 | 4 | Screw | |
| | 1001137459 | Ref | **AUXILIARY PUMP ASSEMBLY (BUCHER HYDRAULICS BRAND)** | A |
| 151 | 70003998 | 1 | Motor | |
| 152 | 70004266 | 1 | Pump | |
| 153 | 70001020 | 4 | Screw | |
| 154 | 70003612 | 2 | O-Ring | |
| 155 | 70004267 | 1 | O-Ring | |
| | 0272750 | Ref | **MANUAL DESCENT INSTALLATION (OPTIONAL)** | B |
| 201 | 0641420 | 2 | Bolt 1/4in-20NC x 2-1/2in | |
| 202 | 0641514 | 2 | Bolt 5/16in-18NC x 1-3/4in | |
| 203 | 1702927 | 1 | Decal - #2 | |
| 204 | 1705589 | 1 | Decal - Manual Descent (Not Shown - Located on Hydraulic Tank) | |
| 205 | 2900062 | 1 | Kit, Valve Mounting | |
| 206 | 3311405 | 2 | Locknut 1/4in-20NC | |
| 207 | 3311505 | 2 | Locknut 5/16in-18NC | |
| 209 | 3574179 | 1 | Plate, Valve Mounting | |
| 213 | 4640930 | 1 | Manifold, Manual Descent Assembly | |
| 213A | | Ref | Cartridge, Needle Options: | |
| 213A | 7012954 | NLA | Cartridge, Needle (Use p/n 4640902) (Original Equipment) | |
| 213A | 7012953 | 4 | Seal Kit - 7012954 Cartridge | |
| 213A | 4640902 | 4 | Cartridge, Needle (Service Replacement) | |
| 213A | 7012953 | 4 | Seal Kit - 4640902 Cartridge | |
| 213B | 7012961 | 4 | Knob | |
| 213C | | Ref | Cartridge, Pump Options: | |
| 213C | 7012694 | NLA | Cartridge, Pump (Use p/n 70004019) (Original Equipment) | |
| 213C | 7012699 | 1 | Seal Kit - 7012694 Cartridge | |
| 213C | 70004019 | 1 | Cartridge, Pump (Service Replacement) | |
| 213C | 7017496 | 1 | Seal Kit - 70004019 Cartridge | |
| 215 | 4641263 | 1 | Valve, Metering | |
| 216 | 4751400 | 2 | Flatwasher 1/4in Regular | |
| 217 | 4751500 | 4 | Flatwasher 5/16in Regular | |
| 220 | 1380136 | 2 | Clip, Gripper | |
| 221 | 2560122 | 1 | Handle | |
| 222 | 2560123 | 1 | Handle, Grip | |
| 223 | 3311005 | 2 | Locknut #10-24NC | |
| 224 | 3911008 | 2 | Screw | |
| 225 | 4751000 | 2 | Flatwasher #10 Regular | |
| 226 | 1702901 | 1 | Decal - Manual Descent (Not Shown - Located on Hood) | |
| 227 | 1702903 | 1 | Decal - #1 | |
| 228 | 1702924 | 1 | Decal - #3 | |
| 229 | 1702925 | 1 | Decal - #4 | |

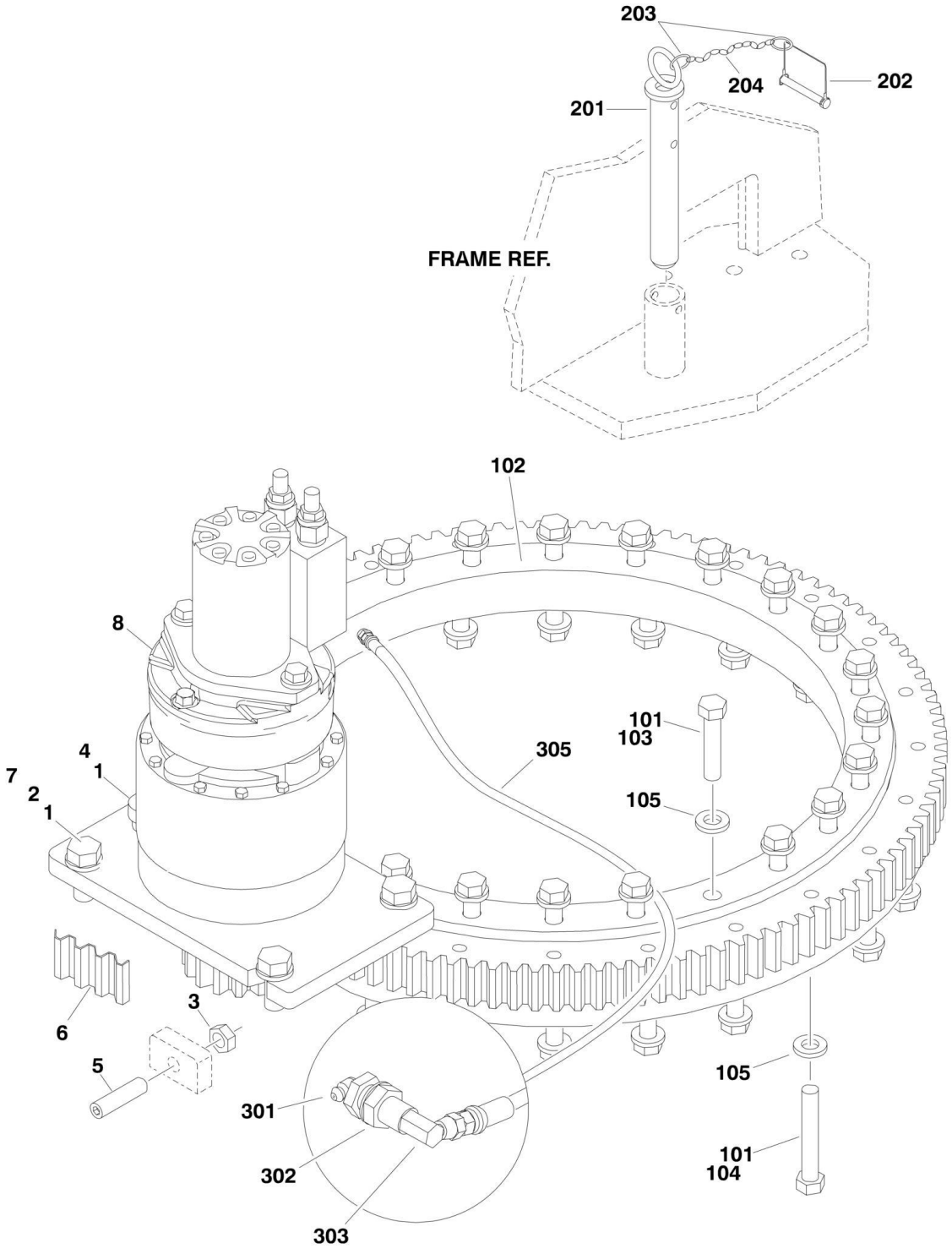
**FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY**



## FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4641432 | Ref | **MAIN CONTROL VALVE ASSEMBLY** | C |
| 1 | 70004581 | 1 | Cartridge, Check Valve | |
| 1 | 70004571 | 1 | Seal Kit - 70004581 Cartridge | |
| 2 | 7012975 | 1 | Cartridge, Check Valve | |
| 2 | 7012967 | 1 | Seal Kit - 7012975 Cartridge | |
| 3 | 7023985 | 1 | Cartridge, Check Valve | |
| 3 | 7017496 | 1 | Seal Kit - 7023985 Cartridge | |
| 4 | 70004579 | 1 | Cartridge, Flow Regulator (Steer) | |
| 4 | 70004580 | 1 | Seal Kit - 70004579 Cartridge | |
| 5 | 10837580 | 2 | Cartridge, Load Sensing (Steer and Swing) (was p/n 7010542) | |
| 5 | 7010543 | 2 | Seal Kit - 7010542 Cartridge | |
| 6 | 70004576 | 1 | Cartridge, Pilot | |
| 6 | 70004577 | 1 | Seal Kit - 70004576 Cartridge | |
| 7 | 70004693 | 1 | Cartridge, Proportional Flow (Tele) | |
| 7 | 70004694 | 1 | Seal Kit - 70004693 Cartridge | |
| 8 | 7017422 | 2 | Cartridge, Relief Valve (Steer and Swing) | |
| 8 | 7012998 | 2 | Seal Kit - 7017422 Cartridge | |
| 9 | 7017489 | 1 | Cartridge, Relief Valve (Tele Out Relief) | |
| 9 | 7012998 | 1 | Seal Kit - 7017489 Cartridge | |
| 10 | 7023922 | 1 | Cartridge, Solenoid (Swing) | |
| 10 | 7017402 | 1 | Seal Kit - 7023922 Cartridge | |
| 11 | 70004570 | 1 | Cartridge, Solenoid (Main Dump) | |
| 11 | 70004571 | 1 | Seal Kit - 70004570 Cartridge | |
| 12 | 7021612 | 1 | Cartridge, Solenoid (Lift Up Dump) | |
| 12 | 7010543 | 1 | Seal Kit - 7021612 Cartridge | |
| 13 | 7023925 | 1 | Cartridge, Solenoid (Steer Direction) | |
| 13 | 7012903 | 1 | Seal Kit - 7023925 Cartridge | |
| 14 | 7012944 | 3 | Coil | |
| 15 | 7012943 | 3 | Coil | |
| 15 | 70003024 | 1 | Spacer, Coil | |
| 16 | 7017451 | 1 | Coil | |
| 17 | 70000579 | 1 | Control Valve Assembly (Tele Direction) | |
| 17 | 70000583 | 1 | Seal Kit | |
| 17A | 70000582 | 1 | Coil | |
| 17A | 70000580 | 1 | Nut, Coil | |
| 18 | See Note | 4 | Capscrew (Note: Not Available for Purchase) | |

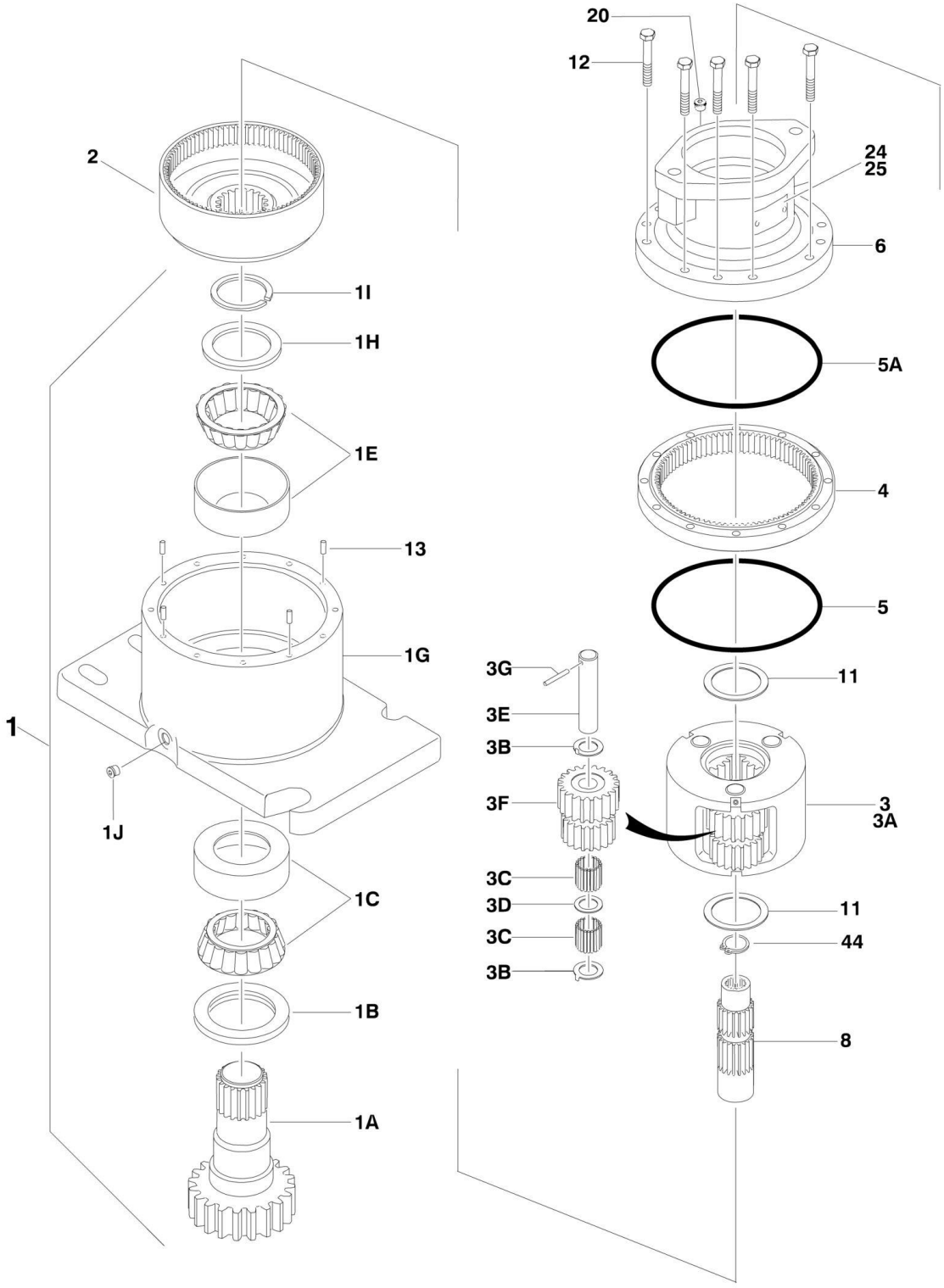
## FIGURE 2-3. TURNTABLE AND SWING DRIVE INSTALLATION

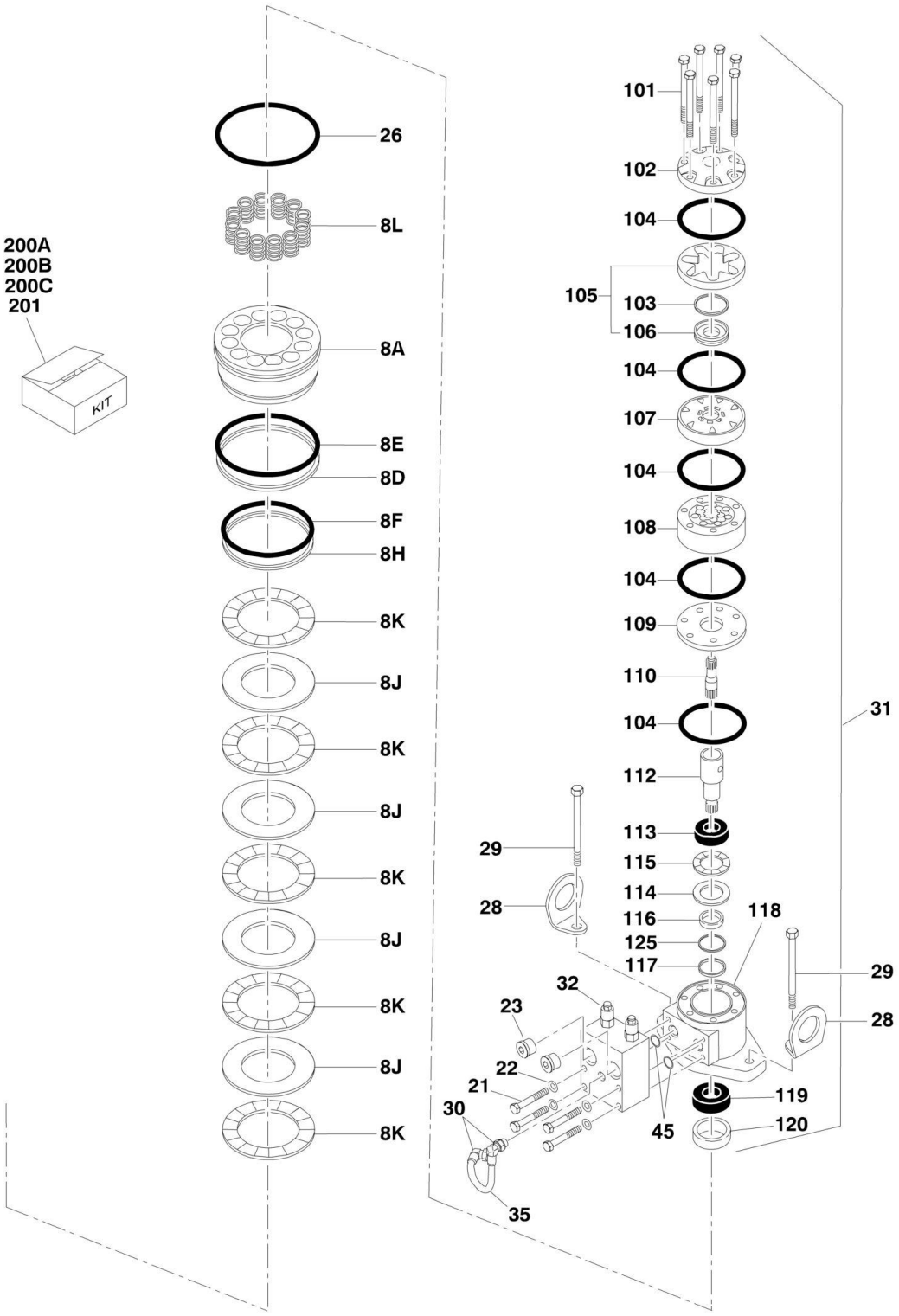


## FIGURE 2-3. TURNTABLE AND SWING DRIVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001094899 | Ref | **SWING DRIVE INSTALLATION** | B |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0682216 | 4 | Bolt 3/4in-10NC x 2in (Grade 8) | |
| 3 | 3312002 | 1 | Nut, Jam 3/4in-10NC | |
| 4 | 3900293 | 1 | Bolt, Shoulder | |
| 5 | 3952020 | 2 | Setscrew 5/8in-11NC x 2-1/2in | |
| 6 | 4071009 | 1 | Shim | |
| 7 | 4740057 | 4 | Flatwasher 3/4in Hardened | |
| 8 | 1001101060 | 1 | Swing Motor/Swing Hub Assembly (See SWING MOTOR/SWING HUB ASSEMBLY for Breakdown) | |
| | 0271002 | Ref | **SWING BEARING INSTALLATION** | E |
| 101 | 0100019 | AR | Compound, Locking | |
| 102 | 0440244 | 1 | Bearing, Turntable | |
| 103 | 0682023 | 24 | Bolt 5/8in - 11NC X 2-7/8in (Grade 8) | |
| 104 | 0682032 | 24 | Bolt 5/8in - 11NC x 4in (Grade 8) | |
| 105 | 4892000 | 48 | Flatwasher, 5/8in Hardened | |
| | 0259147 | Ref | **TURNTABLE LOCK INSTALLATION** | B |
| 201 | 4844958 | 1 | Pin | |
| 202 | 3421565 | 1 | Pin, Snap | |
| 203 | 3760170 | 2 | Ring, Quick Release | |
| 204 | 1260017 | 9 in/23cm | Chain | |
| | 0271496 | Ref | **REMOTE BEARING LUBE INSTALLATION** | B |
| 301 | 2160001 | 1 | Fitting, Grease | |
| 302 | 2180344 | 1 | Fitting, Bulkhead | |
| 303 | 2220063 | 1 | Fitting, Elbow | |
| 305 | 2751032 | 1 | Hose, Grease | |

## FIGURE 2-4. SWING MOTOR/HUB ASSEMBLY



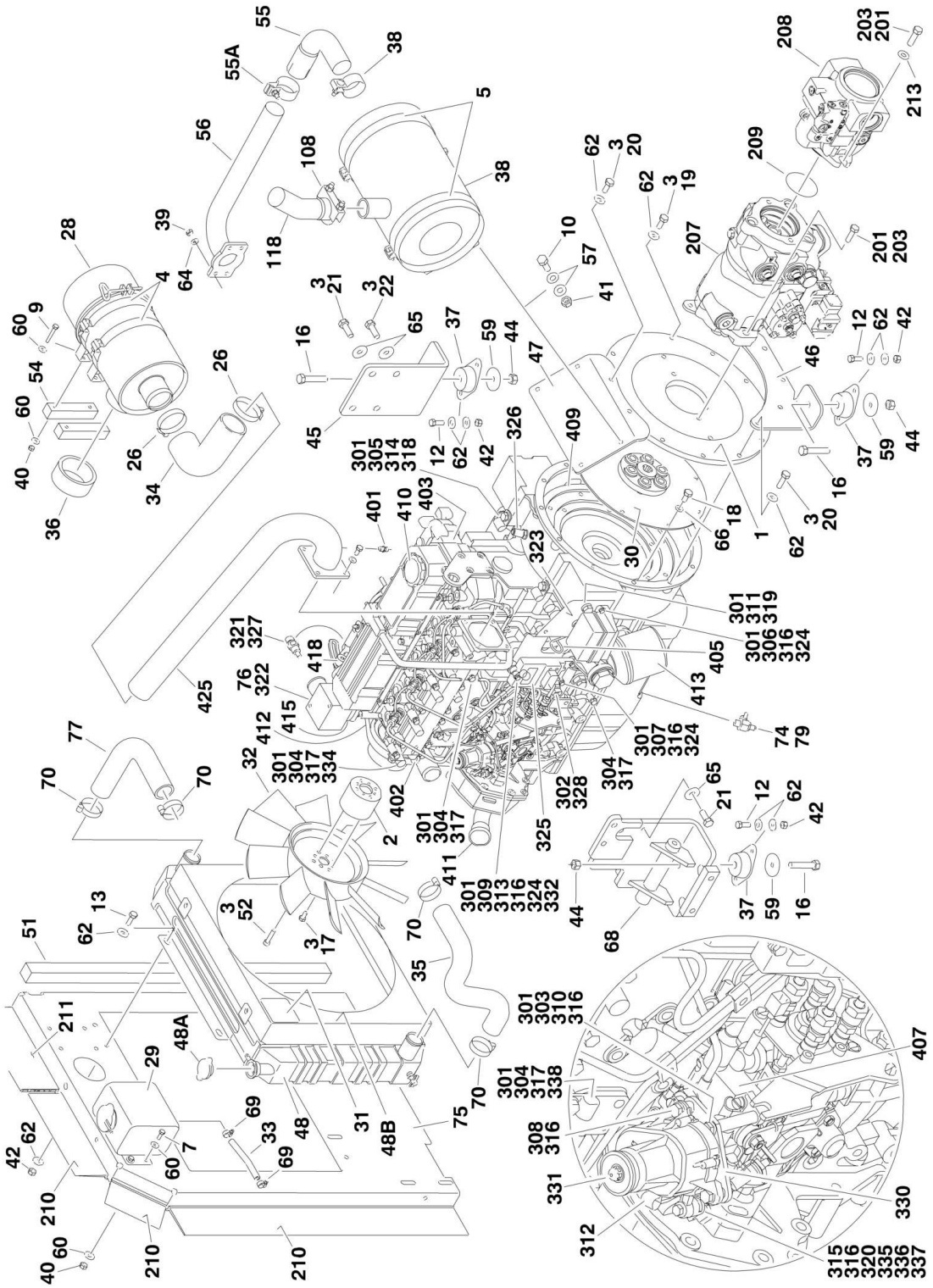

200A
200B
200C
201
KIT
26
8L
8A
8E
8D
8F
8H
8K
8J
8K
8J
8K
8J
8K
8J
8K
101
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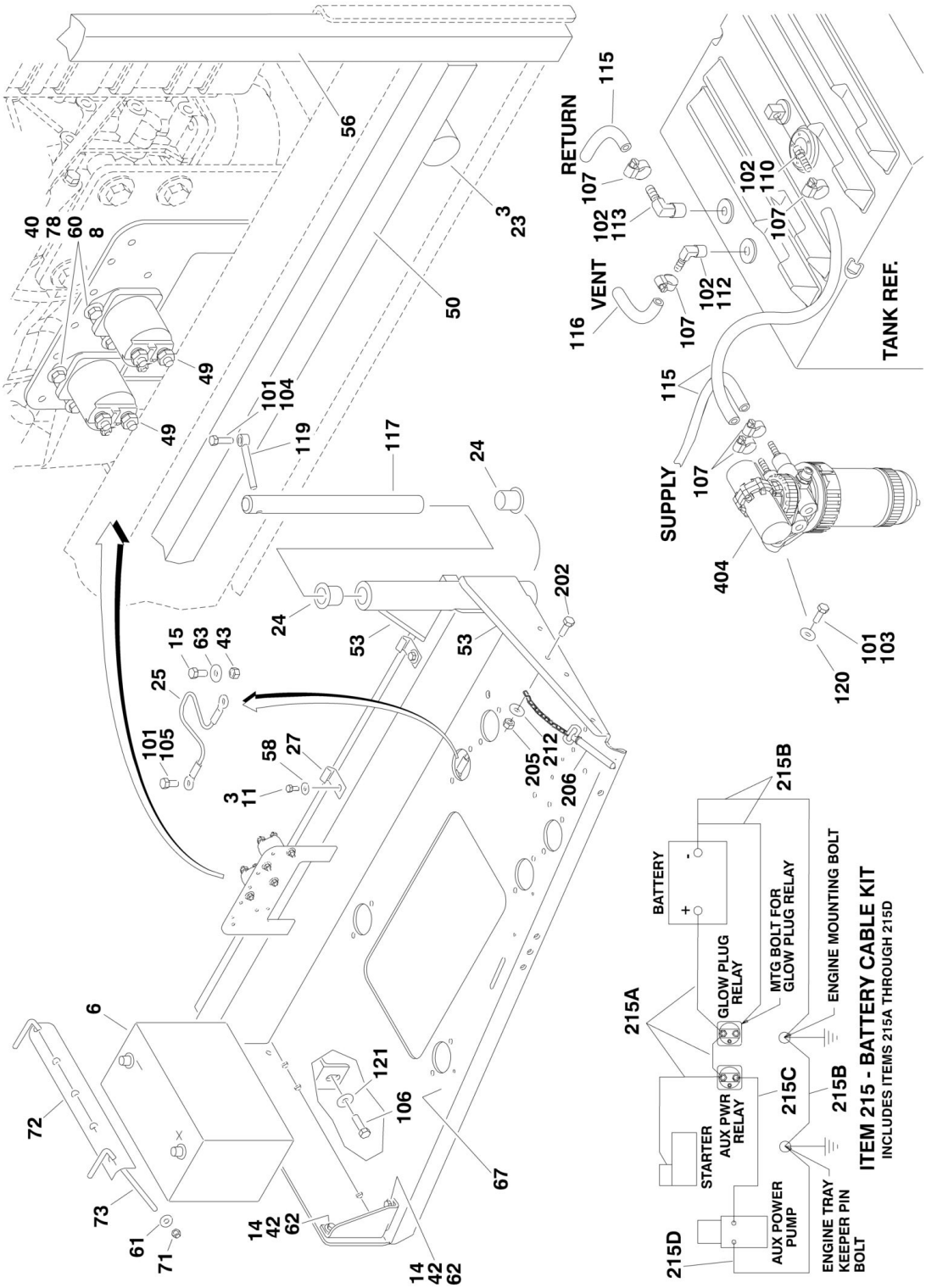
## FIGURE 2-4. SWING MOTOR/HUB ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001101060 | Ref | **SWING MOTOR/HUB ASSEMBLY** | A |
| 1 | See Note | NSS | Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components) | |
| 1A | 7010492 | 1 | Shaft, Output | |
| 1B | 7000228 | 1 | Seal, Lip | |
| 1C | 7000255 | 1 | Bearing Kit (Includes Cup and Cone) | |
| 1E | 7000257 | 1 | Bearing Kit (Includes Cup and Cone) | |
| 1G | 7024762 | 1 | Housing | |
| 1H | 7007633 | 1 | Thrustwasher | |
| 1I | 7000229 | 1 | Ring, Retaining | |
| 1J | 7017072 | 1 | Plug, Pipe | |
| 2 | 7000246 | 1 | Gear, Internal | |
| 3 | 80424002 | 1 | Carrier Assembly | |
| 3A | 7001931 | 1 | Carrier | |
| 3B | 7001985 | 6 | Washer, Tanged | |
| 3C | 7001909 | 84 | Bearing, Needle | |
| 3D | 7000263 | 3 | Thrustwasher | |
| 3E | 7001911 | 3 | Shaft, Planet | |
| 3F | 7001912 | 3 | Gear, Cluster | |
| 3G | 7010474 | 3 | Rollpin | |
| 4 | 7000248 | 1 | Gear, Ring | |
| 5 | 7000230 | 1 | O-Ring | |
| 5A | 7017070 | 1 | O-Ring | |
| 6 | See Note | NSS | Housing, Brake (Note: Not Available - Purchase Complete Assembly) | |
| 8 | 70002065 | 1 | Gear, Sun | |
| 8A | 70000782 | 1 | Piston | |
| 8D | 70002070 | 1 | O-Ring | |
| 8E | 70002071 | 1 | Ring, Back-up | |
| 8F | 70002073 | 1 | O-Ring | |
| 8H | 70002072 | 1 | Ring, Back-up | |
| 8J | 70002067 | 4 | Disc, Rotor | |
| 8K | 70002068 | 5 | Disc, Stator | |
| 8L | 70002066 | 14 | Spring | |
| 11 | 7000253 | 2 | Thrustwasher | |
| 12 | 7000217 | 12 | Bolt 3/8in-16NC x 2-1/4in (Grade 8) | |
| 13 | 7017080 | 4 | Pin, Dowel | |
| 20 | 7017072 | 1 | Plug, Pipe | |
| 21 | 7024704 | 4 | Bolt 5/16in-18NC x 2in (Grade 8) | |
| 22 | See Note | NSS | Lockwasher (Note: Purchase Locally) | |
| 23 | 7017023 | 2 | Plug, Pipe | |
| 24 | See Note | NSS | Plate, ID (Note: Not Available for Purchase) | |
| 25 | 7000281 | 2 | Screw, Drive | |
| 26 | 7024763 | 1 | O-Ring | |
| 28 | See Note | NSS | Lug, Lifting (Note: Not Available for Purchase) | |
| 29 | 70002069 | 2 | Bolt 1/2in-13NC x 2in (Grade 8) | |
| 30 | 7017085 | 2 | Elbow | |
| 31 | 70002075 | 1 | Motor Assembly (See Items 101-125 for Breakdown) | |
| 32 | 7024784 | 1 | Valve Assembly - Complete (No Serviceable Parts) | |
| 35 | 70002074 | 1 | Tube | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44 | 7017028 | 1 | Ring, Internal Retaining | |
| 45 | 7000213 | 2 | O-Ring | |
| | 70002075 | Ref | **MOTOR ASSEMBLY** | |
| 101 | 7024454 | 5 | Bolt | |
| 102 | 7004035 | 1 | Cover, End | |
| 103 | 7023318 | 1 | Seal, Commutator | |
| 104 | 7004036 | 5 | Seal, Ring | |
| 105 | 7024453 | 1 | Commutator and Ring Assembly | |
| 106 | 7024453 | 1 | Ring | |
| 107 | 7024379 | 1 | Manifold | |
| 108 | 7024455 | 1 | Rotor Set | |
| 109 | 7024380 | 1 | Plate, Wear | |
| 110 | 7024456 | 1 | Link, Drive | |
| 112 | 7024458 | 1 | Shaft, Coupling | |
| 113 | 7024381 | 1 | Bearing, Inner | |
| 114 | 7004043 | 1 | Thrustwasher | |
| 115 | 7004044 | 1 | Bearing, Thrust | |
| 116 | 7004049 | 1 | Seal, Inner | |
| 117 | 7004045 | 1 | Washer, Back-up | |
| 118 | 7024457 | 1 | Housing | |
| 119 | 7024390 | 1 | Bearing, Outer | |
| 120 | 7004047 | 1 | Seal | |
| 125 | 80424043 | 1 | Washer, Back-up | |
| | | Ref | **KIT OPTIONS:** | |
| 200 | | Ref | Seal Kit Options: | |
| 200A | 7024100 | 1 | Swing Hub (Includes Items 1B, 1I, 5, 5A & 11) | |
| 200B | 70002086 | 1 | Swing Brake (Includes Items 8D, 8E, 8F, 8H & 26) | |
| 200C | 7024396 | 1 | Swing Motor (Includes Items 103, 104, 116, 117, 120 & 125) | |
| 201 | 70002085 | 1 | Disc Kit - Swing Brake (Includes Items 8J & 8K) | |

## FIGURE 2-5. CATERPILLAR ENGINE INSTALLATION




RETURN
VENT
SUPPLY
TANK REF.
ITEM 215 - BATTERY CABLE KIT
INCLUDES ITEMS 215A THROUGH 215D
BATTERY
GLOW PLUG RELAY
MTG BOLT FOR GLOW PLUG RELAY
ENGINE MOUNTING BOLT
STARTER
AUX PWR RELAY
AUX POWER PUMP
ENGINE TRAY KEEPER PIN
BOLT

## FIGURE 2-5. CATERPILLAR ENGINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001109065 | Ref | **CATERPILLAR TIER IVi ENGINE ASSEMBLY** | D |
| 1 | 0080181 | 1 | Adaptor, Pump Mounting Plate | |
| 2 | 0080243 | 1 | Adaptor, Fan Spacer | |
| 3 | 0100011 | AR | Compound, Locking | |
| 4 | 0340041 | 2 | Band, Mounting | |
| 5 | 0340046 | 2 | Band, Muffler | |
| 6 | 0400075 | 1 | Battery | |
| 7 | 0641406 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 8 | 0641407 | 4 | Bolt 1/4in-20NC x 7/8in | |
| 9 | 0701414 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 10 | 0641507 | 4 | Bolt 5/16in-18NC x 7/8in | |
| 11 | 0641606 | 2 | Bolt 3/8in-16NC x 3/4in | |
| 12 | 0641608 | 8 | Bolt 3/8in-16NC x 1in | |
| 13 | 0641609 | 4 | Bolt 3/8in-16NC x 1-1/8in | |
| 14 | 0641610 | 4 | Bolt 3/8in-16NC x 1-1/4in | |
| 15 | 0641808 | 1 | Bolt 1/2in-13NC x 1in | |
| 16 | 0641820 | 4 | Bolt 1/2in-13NC x 2-1/2in | |
| 17 | 0700808 | 4 | Bolt M8 x 16mm | |
| 18 | 0701010 | 8 | Bolt M10 x 20mm | |
| 19 | 0701012 | 4 | Bolt M10 x 25mm | |
| 20 | 0701015 | 8 | Bolt M10 x 35mm | |
| 21 | 0711214 | 5 | Bolt M12 x 30mm | |
| 22 | 0771212 | 3 | Bolt M12 x 25mm | |
| 23 | 0940070 | 1 | Bumper, Rubber | |
| 24 | 0961986 | 2 | Bearing, Flange | |
| 25 | 1060637 | 1 | Lanyard | |
| 26 | 1320016 | 2 | Clamp, Hose | |
| 27 | 1320223 | 4 | J-Clip 1/2in | |
| 28 | 1340060 | 1 | Air Cleaner Assembly | |
| 28 | 7012664 | 1 | Element, Air Cleaner | |
| 29 | 1580011 | 1 | Container, Coolant Overflow | |
| 30 | 1660239 | 1 | Coupling, Pump | |
| 31 | 1703162 | 2 | Decal - Fan Blade | |
| 32 | 2060025 | 1 | Fan | |
| 33 | 2720058 | 0.33 ft /0.1m | Hose | |
| 34 | 2720434 | 1 | Elbow, Rubber | |
| 35 | 2720509 | 1 | Hose, Radiator (Bottom) | |
| 36 | 2720515 | 1 | Seal, Air Cleaner | |
| 37 | 3200406 | 4 | Mount, Engine | |
| 38 | | Ref | Muffler Options: | |
| 38 | 3220113 | 1 | Spark Arresting Muffler | |
| 38 | 70001017 | 1 | Clamp | |
| 38 | 1001107116 | 1 | Catalytic Muffler | |
| 38 | 70002705 | 1 | Clamp | |
| 38 | 70002706 | 1 | Plug, Brass | |
| 39 | 3290801 | 4 | Nut M8 x 1.25 | |
| 40 | 3311405 | 12 | Locknut 1/4in-20NC | |
| 41 | 3311505 | 4 | Locknut 5/16in-18NC | |
| 42 | 3311605 | AR | Locknut 3/8in-16NC | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 43 | 3311801 | 1 | Nut 1/2in-13NC | |
| 44 | 3311805 | 4 | Locknut 1/2in-13NC | |
| 45 | 3574206 | 1 | Plate, Motor Mount | |
| 46 | 3574207 | 1 | Plate, Engine Mount (Rear) | |
| 47 | 3574208 | 1 | Bracket, Muffler | |
| 48 | 3620047 | 1 | Radiator | |
| 48A | 7027412 | 1 | Cap | |
| 48B | 70004182 | 1 | Shroud, Fan | |
| 49 | 3740067 | 3 | Relay, Solenoid Assembly | |
| 50 | 3960468 | 1 | Seal, Foam Gasket | |
| 51 | 3960469 | 1 | Seal, Foam Gasket | |
| 52 | 4031911 | 4 | Bolt Metric M8 x 35mm | |
| 53 | 4060805 | 2 ft /0.7mm | Flex-Trim 1/4in | |
| 54 | 4220191 | 2 | Block, Spacer | |
| 55 | 4567073 | 1 | Tube, Exhaust | |
| 55A | 70001017 | 1 | Clamp | |
| 56 | 4568721 | 1 | Exhaust Tube Weldment | |
| 57 | 4711500 | 8 | Flatwasher 5/16in Thin | |
| 58 | 4711600 | 2 | Flatwasher 3/8in Thin | |
| 59 | 4740274 | 4 | Washer, Snubbing | |
| 60 | 4751400 | 24 | Flatwasher 1/4in Regular | |
| 61 | 4751500 | 2 | Flatwasher 5/16in Regular | |
| 62 | 4751600 | 44 | Flatwasher 3/8in | |
| 63 | 4751800 | 1 | Flatwasher 1/2in Regular | |
| 64 | 4811900 | 4 | Flatwasher M8 | |
| 65 | 4812100 | 8 | Flatwasher 12m | |
| 66 | 4832000 | 8 | Lockwasher M10 | |
| 67 | 4846790 | 1 | Tray Engine | |
| 68 | 4846805 | 1 | Mount, Engine/Generator - Left | |
| 69 | 8405009 | 2 | Clamp, Hose | |
| 70 | 8405104 | 4 | Clamp, Hose | |
| 71 | 88521205 | 2 | Locknut, Nylon Insert 5/16in-18NC | |
| 72 | 91401281 | 1 | Hold-down, Battery | |
| 73 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 74 | | Ref | Valve, Oil Drain Options: | |
| 74 | 1001105833 | NLA | USA Built Machines (Use p/n 4640750) **(SN 0300140000 through 0300141102)** | |
| 74 | 4640750 | 1 | USA Built Machines **(SN 0300141103 through 0300182743 Only)** | |
| 74 | 4640750 | 1 | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 75 | 1001109595 | 1 | Plate, Radiator Mounting | |
| 76 | 1001112077 | 1 | Caterpillar Tier IVi Engine Assembly | |
| 77 | 1001107705 | 1 | Hose, Radiator (Top) | |
| 78 | 4791400 | 4 | Starwasher 1/4in | |
| 79 | 0100020 | AR | Sealant, Pipe (USA Built Machines) **(SN 0300141103 through 0300182743 Only)** | |
| 79 | 0100020 | AR | Sealant, Pipe (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| | | Ref | **CATERPILLAR TIER IVi ENGINE INSTALLATIONS** | |
| | 1001110212 | Ref | **Machines without Arctic Package** | D |
| | 1001110213 | Ref | **Machines with Arctic Package** | C |

# SECTION 2 - TURNTABLE

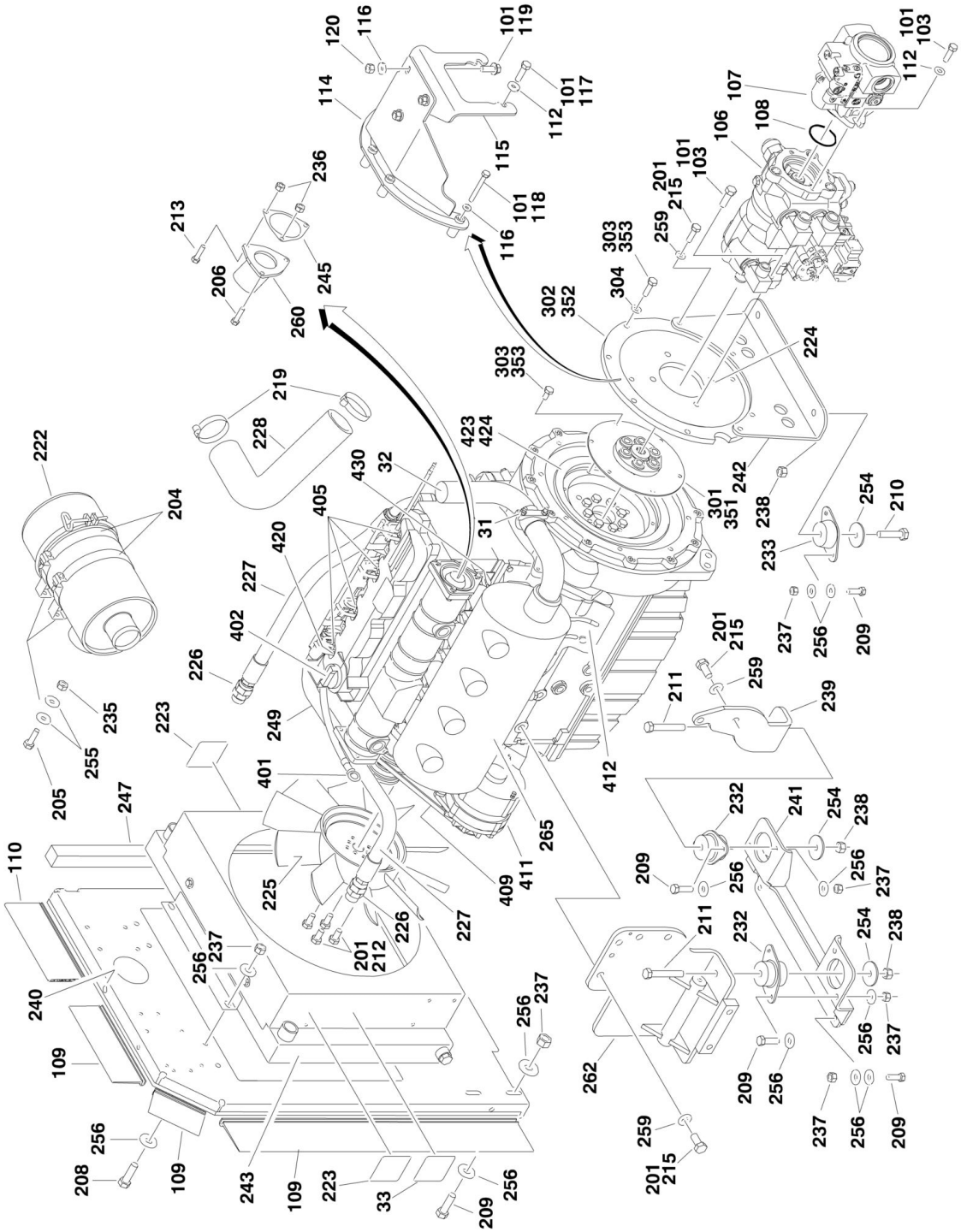
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0100020 | AR | Sealant, Thread | |
| 103 | 0641608 | 2 | Bolt 3/8in-16NC x 1in | |
| 104 | 0641610 | 1 | Bolt 3/8in-16NC x 1-1/4in | |
| 105 | 0641808 | 1 | Bolt 1/2in-13NC x 1in | |
| 106 | 0642010 | 1 | Bolt 5/8in-11NC x 1-1/4in | |
| 107 | 1320022 | 7 | Clamp, Hose | |
| 108 | 1320176 | 1 | Clamp | |
| 109 | 1701505 | 1 | Decal - Diesel (Not Shown - Located on Hood) | |
| 110 | 2180348 | 1 | Fitting, Barbed | |
| 111 | 2200222 | 1 | Plug, Pipe (Not Shown - Located in Bottom of Fuel Tank) | |
| 112 | 2220313 | 1 | Fitting, Elbow | |
| 113 | 2221176 | 1 | Fitting, Elbow | |
| 114 | | Ref | Coolant Options (Not Shown): | |
| 114 | 2300004 | 2.63 gal /9.96L | Without Arctic Package | |
| 114 | 2300041 | 2.63 gal /9.96L | With Arctic Package | |
| 115 | 2720058 | 30 ft/9.1m | Hose | |
| 116 | 2750532 | 6 ft/1.8m | Hose 3/8in | |
| 117 | 3422446 | 1 | Pin, Pivot | |
| 118 | 3460544 | 1 | Pipe, Exhaust | |
| 119 | 3841143 | 1 | Keeper, Pin | |
| 120 | 4711600 | 2 | Flatwasher 3/8in Thin | |
| 121 | 4752000 | 1 | Flatwasher 5/8in Regular | |
| | | Ref | **Note: Arctic Package Items 123-126 Not Shown - Used on Arctic Machines Only.** | |
| 123 | 1060625 | 1 | Cable, Immersion Heater (Located on bottom of Hydraulic Oil Tank) | |
| 124 | 1320223 | 1 | Clamp | |
| 125 | 1702943 | 1 | Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank) | |
| 126 | 2580050 | 1 | Heater, Hydraulic Tank (Located on bottom of Hydraulic Oil Tank) | |
| | | Ref | **CATERPILLAR TIER IVi ENGINE WITH PUMPS ASSEMBLIES** | |
| | 1001110206 | Ref | **Machines without Arctic Package** | B |
| | 1001110205 | Ref | **Machines with Arctic Package** | C |
| 201 | 0100011 | AR | Compound, Locking | |
| 202 | 0641407 | 1 | Bolt 1/4in-20NC x 7/8in | |
| 203 | 0641812 | 4 | Bolt 1/2in-13NC x 1-1/2in | |
| 204 | | Ref | Motor Oil Options (Not Shown): | |
| 204 | 3020016 | 2.5 gal /9.4L | Without Arctic Package - Motor Oil 15W-40 | |
| 204 | 3020044 | 2.5 gal /9.4L | With Arctic Package - Motor Oil 0W-40 | |
| 205 | 3311405 | 1 | Locknut 1/4in-20NC | |
| 206 | 3422532 | 1 | Pin, Hitch | |
| 207 | 3600410 | 1 | Piston Pump Assembly (See PUMP ASSEMBLY (SAUER-DANFOSS PUMP) for Breakdown) | |
| 208 | 3600411 | 1 | Load Sensing Pump Assembly with Fittings(See LOAD SENSING PUMP ASSEMBLY for Breakdown) | |
| 209 | 3790044 | 1 | O-Ring | |
| 210 | 3960548 | 42 in/1m | Seal, Hood | |
| 211 | 3960549 | 1 ft | Seal | |

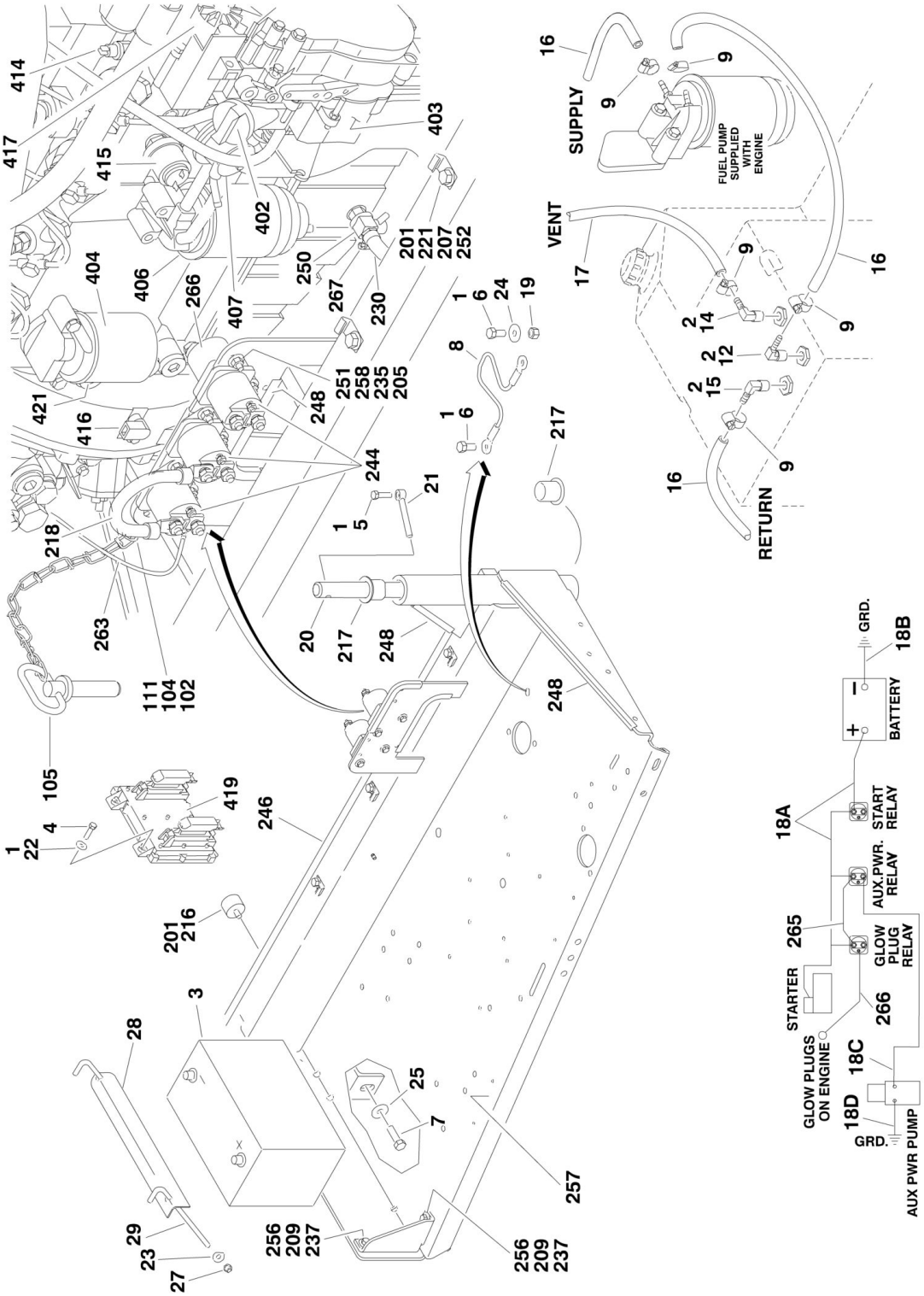
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | /0.3mm | | |
| 212 | 4751400 | 1 | Flatwasher 1/4in Regular | |
| 213 | 4891800 | 2 | Flatwasher 1/2in Hardened | |
| 215 | 1001112762 | 1 | Battery Cable Kit | B |
| 215A | 7027028 | 1 | Cable, Battery (Red) | |
| 215B | 7027029 | 1 | Cable, Battery (Black) | |
| 215C | 7027030 | 1 | Cable (Red) | |
| 215D | 7027031 | 1 | Cable (Black) | |
| | | Ref | **Note: Arctic Package Items 216-226 Not Shown - Used on Arctic Machines Only.** | |
| 216 | 0641608 | 2 | Bolt 3/8in-16NC x 1in | |
| 217 | 1060626 | 1 | Cord, 3-Way Extension (Located on Left Front of Engine) | |
| 218 | 1320223 | 2 | Clamp | |
| 219 | 1702941 | 1 | Decal - Battery Heater (Located on Battery Heater) | |
| 220 | 1702942 | 1 | Decal - Engine Block Heater (Located on Right Side of Engine) | |
| 221 | 1702944 | 1 | Decal - Heater Cord (Located on Left Front of Engine) | |
| 222 | 2580024 | 1 | Heater, Battery (Located on Battery) | |
| 223 | 2580055 | 1 | Heater, Block (Located on Left Side of Engine) | |
| 224 | 3311605 | 2 | Locknut 3/8in-16NC | |
| 225 | 3980007 | 1 | Seat, Battery (Located Under Battery) | |
| 226 | 4751600 | 2 | Flatwasher 3/8in Regular | |
| | 1001112077 | Ref | **CATERPILLAR TIER IVI ENGINE WITH ECM ASSEMBLY** | E |
| 301 | 0100011 | AR | Compound, Locking | |
| 302 | 0100020 | AR | Sealant, Thread | |
| 303 | 0700620 | 1 | Bolt M6 x 60mm | |
| 304 | 0700808 | 5 | Bolt M8 x 16mm | |
| 305 | 0701010 | 2 | Bolt M10 x 20mm | |
| 306 | 0760606 | 2 | Bolt M6 x 12mm | |
| 307 | 0760610 | 2 | Bolt M6 x 20mm | |
| 308 | | Ref | Bolt M6 x 25mm Options: | |
| 308 | 0760612 | 3 | USA Built Machines **(SN 0300140000 through 0300141318 Only)** | |
| 308 | 4031709 | 3 | USA Built Machines **(SN 0300141319 through 0300182743 Only)** | |
| 308 | 4031709 | 3 | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 309 | 8303541 | 1 | Screw M6 x 35mm | |
| 310 | 0700616 | 2 | Bolt M6 x 40mm | |
| 311 | 0761210 | 2 | Bolt M12 x 20mm | |
| 312 | 8406009 | 1 | Clamp, Cable | |
| 313 | 1320224 | 1 | Clamp, Cable | |
| 314 | 8406105 | 2 | Clip, Tube | |
| 315 | 3290507 | 1 | Locknut M5 | |
| 316 | 4811700 | 12 | Flatwasher M6 | |
| 317 | 4811900 | 5 | Flatwasher M8 | |
| 318 | 4812000 | 2 | Flatwasher M10 | |
| 319 | 4812100 | 2 | Flatwasher M12 | |
| 320 | 4811600 | 1 | Flatwasher M5 | |
| 321 | 1001097553 | 1 | Washer, Coolant Sensor | |
| 322 | 1001109064 | 1 | Caterpillar Tier IVi Engine Assembly | |
| 323 | 1001112057 | 1 | Bracket | |
| 324 | 1001112059 | 5 | Bumper | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 325 | 1001112067 | 1 | Module, ECM | |
| 326 | 1001112068 | 1 | Sensor, Speed | |
| 327 | 1001112069 | 1 | Sensor, Temperature | |
| 328 | 1001112070 | 1 | Switch, Oil Pressure | |
| 329 | 1001112071 | 1 | Harness, Engine (Not Shown - See ELECTRICAL SECTION for Breakdown) | |
| 330 | 1001112072 | 1 | Bracket | |
| 331 | 1001112073 | 1 | Actuator | |
| 331 | 1001112849 | 1 | Linkage Assembly | |
| 332 | 1001112570 | 1 | Spacer | |
| 334 | 1320263 | 1 | Clamp, Cable | |
| 335 | 1001112075 | 1 | Bolt | |
| 336 | 1001112592 | 1 | Bearing | |
| 337 | 1001116595 | 1 | Spacer | |
| 338 | 8406109 | 1 | Clip, Tube | |
| | 1001109064 | Ref | **ENGINE COMPONENTS** | B |
| 401 | 70001051 | 1 | Valve, Crankcase Actuator Shut-Off | |
| 402 | 70001120 | 1 | Pump, Water | |
| 402 | 70001742 | 1 | Pulley, Water Pump | |
| 402 | 70002765 | 1 | Hose, By-Pass (Not Shown) | |
| 403 | See Note | NSS | Head, Cylinder (Note: Not Available for Purchase) | |
| 403 | 7026801 | 1 | Gasket, Valve Cover | |
| 403 | 70002764 | 1 | Gasket, Rear Head | |
| 403 | 70002762 | 15 | Seat, Valve | |
| 403 | 70002761 | 17 | Bolt, Head | |
| 404 | 7026839 | 1 | Pump, Fuel Supply | |
| 404 | 7026830 | 1 | Element, Fuel Filter | |
| 404 | 70002834 | 1 | Bowl, Water Collection | |
| 404 | 70002835 | 1 | Seal Kit - Water Separator | |
| 404 | 70002833 | 1 | Ring, Fuel Pump Retaining | |
| 405 | 70002844 | 1 | Dipstick Oil Level | |
| 405 | 70002843 | 1 | Seal, Dipstick Tube | |
| 406 | 70002845 | 1 | Pump, Oil (Not Shown) | |
| 406 | 70002846 | 1 | O-Ring, Oil Pump (Not Shown) | |
| 407 | 70002849 | 1 | Pump, Fuel Injection | |
| 407 | 70002847 | 1 | O-Ring, Fuel Injection Pump Flange | |
| 407 | 70002848 | 1 | Gasket, Fuel Injection Pump | |
| 407 | 70002850 | 1 | Solenoid, Fuel Shut-Off | |
| 409 | 7026802 | 1 | Flywheel | |
| 409 | 7026803 | 1 | Gear, Flywheel | |
| 409 | 7026804 | 1 | Gasket (Not Shown - Between Flywheel Housing and Engine Block) | |
| 409 | 7026805 | 1 | Seal, Rear Main (Not Shown - Rear of Flywheel Housing) | |
| 409 | 7026807 | 1 | Seal, Front Main (Located in Front Housing) | |
| 410 | 7026800 | 1 | Cap Oil Filler (Top of Valve Cover) | |
| 411 | 7026806 | 1 | Cap, Filler (Front Side of Engine) | |
| 412 | 7026810 | 1 | V-Belt | |
| 413 | 7026811 | 1 | Filter, Oil | |
| 413 | 7026812 | 1 | O-Ring (Between Bolt and Oil Filter Bracket) | |
| 413 | 7026813 | 1 | O-Ring (Between Oil Filter Bracket and Engine Block) | |
| 414 | 7026819 | 1 | Engine Cooler Assembly (Not Shown) | |
| 414 | 7026816 | 2 | O-Ring (Between Cover and Cooler) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 414 | 7026817 | 4 | O-Ring (Between Cover and Cooler) | |
| 415 | 7026822 | 1 | Thermostat | |
| 415 | 7026821 | 1 | Gasket (Between Regulator and Thermostat Housing) | |
| 415 | 7026820 | 1 | Gasket (Between Regulator and Engine Head) | |
| 416 | 7026814 | 1 | Relief Valve, Oil Pressure (Not Shown) | |
| 416 | 7026815 | 1 | Gasket, Relief Valve | |
| 417 | See Note | 4 | Injector, Fuel (Not Shown) (Note: Not Available for Purchase) | |
| 417 | 70002763 | 4 | Gasket, Fuel Line (Not Shown) | |
| 418 | 7026831 | 1 | Alternator | |
| 419 | 7026832 | 1 | Plug, Glow (Not Shown) | |
| 420 | 7026833 | 1 | Starter (Not Shown - Located on other Side of Engine) | |
| 421 | 7026826 | 1 | Gasket, Exhaust Manifold to Cylinder Head (Not Shown) | |
| 421 | 7026827 | 1 | Gasket, Exhaust Manifold to Exhaust Pipe (Not Shown) | |
| 421 | 70002852 | 4 | Stud, Exhaust Manifold (Not Shown) | |
| 422 | 7026829 | 1 | Gasket, Intake Manifold to Cylinder Head (Not Shown) | |
| 422 | 7026828 | 1 | Gasket, Intake Manifold to Intake Tube (Not Shown) | |
| 423 | 7026808 | 1 | Plug, Oil Pan (Not Shown) | |
| 423 | 7026809 | 1 | Gasket, Oil Plug | |
| 424 | 70002851 | 1 | Gasket Kit (Not Shown) | |
| 425 | 4569371 | 1 | Tube, Intake | |

## FIGURE 2-6. DEUTZ ENGINE INSTALLATION




SUPPLY
VENT
RETURN
FUEL PUMP SUPPLIED WITH ENGINE
BATTERY
START RELAY
AUX.PWR. RELAY
GLOW PLUG RELAY
STARTER
GLOW PLUGS ON ENGINE
AUX PWR PUMP
GRD.

## FIGURE 2-6. DEUTZ ENGINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **DEUTZ ENGINE INSTALLATION** | |
| | | Ref | **Tier III/Tier IVi Engines** | |
| | 1001099829 | Ref | **Without Arctic Package (USA Built Machines) (SN 0300140000 through 0300170336)** | D |
| | 1001100382 | Ref | **With Arctic Package (USA Built Machines) (SN 0300170337 through 0300182743)** | D |
| | 1001099829 | Ref | **Without Arctic Package (China Built Machines) (SN B300000100 through B300000752)** | D |
| | 1001100382 | Ref | **With Arctic Package (China Built Machines) (SN B300000753 through B300001091)** | D |
| | | Ref | **Tier IVi-Flex Engines** | |
| | 1001137740 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001137743 | Ref | **With Arctic Package (ANSI and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001137740 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | C |
| | 1001137743 | Ref | **With Arctic Package (ANSI and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | C |
| | 1001144323 | Ref | **Tier IVi-PRE Engines (CE Spec Only USA Built Machines) (SN 0300170337 through 0300182743)** | B |
| | 1001144323 | Ref | **Tier IVi-PRE Engines (CE Spec Only China Built Machines) (SN B300000753 through B300001091)** | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0400075 | 1 | Battery | |
| 4 | 0641412 | 4 | Bolt 1/4in-20NC x 1-1/2in | |
| 5 | 0641610 | 1 | Bolt 3/8in-16NC x 1-1/4in | |
| 6 | 0641808 | 2 | Bolt 1/2in-13NC x 1in | |
| 7 | 0642010 | 1 | Bolt 5/8in-11NC x 1-1/4in | |
| 8 | 1060637 | 1 | Cable, Lanyard | |
| 9 | 1320022 | 5 | Clamp, Hose | |
| 10 | 1320223 | 1 | Clamp (Not Shown - Located on Turntable to clamp fuel line) | |
| 11 | 1701505 | 1 | Decal - Diesel (Not Shown - Located on Hood) | |
| 12 | 2180348 | 1 | Fitting, Straight Barbed | |
| 13 | 2200222 | 1 | Fitting, Plug (Not Shown - Located on Fuel Tank for Drain) | |
| 14 | 2220313 | 1 | Fitting, Elbow | |
| 15 | 2221176 | 1 | Fitting, Elbow Barbed | |
| 16 | 2720058 | 30 ft/9.2m | Hose | |
| 17 | 2750532 | 7 ft/2.1m | Hose | |
| 18 | 2902401 | | Battery Cable Kit | C |
| 18A | 1001116288 | 1 | Cable, Battery (Red) | |
| 18B | 7027004 | 1 | Cable, Battery (Black) | |
| 18C | 7016824 | 1 | Cable (Red) | |
| 18D | 7016825 | 1 | Cable (Black) | |
| 19 | 3311801 | 1 | Nut 1/2in-13NC | |
| 20 | 3422446 | 1 | Pin, Pivot | |
| 21 | 3841143 | 1 | Pin, Keeper | |
| 22 | 4711400 | 4 | Flatwasher 1/4in Thin | |
| 23 | 4751500 | 2 | Flatwasher 5/16in Regular | |
| 24 | 4751800 | 1 | Flatwasher 1/2in Regular | |
| 25 | 4752000 | 1 | Flatwasher 5/8in Regular | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 26 | 4922737 | 1 | Harness, Engine Grounding (Not Shown) | |
| 27 | 88521205 | 2 | Locknut, Nylon Insert 5/16in-18NC | |
| 28 | 91401281 | 1 | Hold-down, Battery | |
| 29 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 31 | 1320176 | 1 | Clamp | |
| 32 | 1001101948 | 1 | Tube, Exhaust | |
| 33 | | Ref | Decal - Warning Explosion/Fire | |
| 33 | 1704972 | 1 | ANSI Spec | |
| 33 | 1706098 | 1 | Australian and CE Spec | |
| 33 | 1706059 | 1 | Brazilian Spec | |
| 33 | 1706060 | 1 | Chinese Spec | |
| 33 | 1706064 | 1 | CSA Spec | |
| 33 | 1706062 | 1 | Japanese Spec | |
| 33 | 1706061 | 1 | Korean Spec | |
| 33 | 1706063 | 1 | Spanish Language | |
| | | Ref | **Note: Arctic Package Items 34-43 Not Shown - Used on Arctic Machines Only** | |
| 34 | 1060626 | 1 | Cord, 3 Way Extension (Located on Left Front of Engine) | |
| 35 | 1702941 | 1 | Decal - Battery Heater (Located on Battery Heater) | |
| 36 | 1702942 | 1 | Decal - Engine Block Heater (Located on Right Side of Engine) | |
| 37 | 1702943 | 1 | Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank) | |
| 38 | 1702944 | 1 | Decal - Heater Cord (Located on Left Front of Engine) | |
| 39 | 2580024 | 1 | Heater, Battery (Located on Battery) | |
| 40 | 2580050 | 1 | Heater, Hydraulic Tank (Located on bottom of Hydraulic Oil Tank) | |
| 41 | 0641608 | 1 | Bolt 3/8in-16NC x 1in | |
| 42 | 1060625 | 1 | Cable, Immersion Heater (Located on bottom of Hydraulic Oil Tank) | |
| 43 | 1320223 | 2 | Clamp | |
| | | Ref | **ENGINE AND PUMP ASSEMBLIES** | |
| | | Ref | **Tier III/Tier IVi Engines** | |
| | 1001099828 | Ref | **Without Arctic Package (USA Built Machines) (SN 0300170337 through 0300182743)** | G |
| | 1001099828 | Ref | **Without Arctic Package (China Built Machines) (SN B300000753 through B300001091)** | G |
| | 1001100381 | Ref | **With Arctic Package (USA Built Machines) (SN 030014000 through 0300170336)** | F |
| | 1001100381 | Ref | **With Arctic Package (China Built Machines) (SN B300000100 through B300000753)** | F |
| | | Ref | **Tier IVi-Flex Engines** | |
| | 1001137739 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | D |
| | 1001137739 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | D |
| | 1001137742 | Ref | **With Arctic Package (ANSI and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | D |
| | 1001137742 | Ref | **With Arctic Package (ANSI and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | D |
| | 1001144321 | Ref | **Tier IVi-PRE Engines (CE Spec Only USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001144321 | Ref | **Tier IVi-PRE Engines (CE Spec Only China Built Machines) (SN B300000753 through B300001091)** | C |
| | | Ref | **Note: See SPECIAL OPTIONS SECTION for machines not equipped with Pump Mounting Bracket Kit, Deutz Engine with** | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **Sauer Danfoss drive and load sensing pump combination.** | |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0641407 | 1 | Bolt 1/4in-20NC x 7/8in | |
| 103 | 0641812 | 2 | Bolt 1/2in-13NC x 1-1/2in | |
| 104 | 3311405 | 1 | Locknut 1/4in-20NC | |
| 105 | 3422532 | 1 | Pin, Hitch | |
| 106 | | Ref | Piston Pump Assembly with Fittings Options: | |
| 106 | 3600410 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (SAUER-DANFOSS) for Breakdown) **(SN 0300140000 through 0300180777)** | |
| 106 | 1001152522 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (EATON) for Breakdown) **(SN 0300180778 through 0300182115)** | |
| 106 | 3600410 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (SAUER-DANFOSS) for Breakdown) **(SN 0300182116 through 0300182141)** | |
| 106 | 1001152522 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (EATON) for Breakdown) **(SN 0300182142 through 0301822743)** | |
| 107 | 3600411 | 1 | Load Sensing Pump Assembly with Fittings (See LOAD SENSING PUMP ASSEMBLY for Breakdown) | |
| 108 | 3790044 | 1 | O-Ring | |
| 109 | 3960548 | 3.66 ft /1.1m | Seal, Hood | |
| 110 | 3960549 | 1 ft/0.3m | Seal, Hood | |
| 111 | 4751400 | 2 | Flatwasher 1/4in Regular | |
| 112 | 4891800 | 4 | Flatwasher 1/2in Hardened | |
| 114 | 1001137898 | 1 | Bracket, Support (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 114 | 1001137898 | 1 | Bracket, Support (China Built Machines) **(SN B300000100 through B300000804)** | |
| 115 | 1001137899 | 1 | Plate, Mounting (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 115 | 1001137899 | 1 | Plate, Mounting (China Built Machines) **(SN B300000100 through B300000804)** | |
| 116 | 4891600 | 7 | Flatwasher 3/8in Hardened (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 116 | 4891600 | 7 | Flatwasher 3/8in Hardened (China Built Machines) **(SN B300000100 through B300000804)** | |
| 117 | | Ref | Bolt Options: | |
| 117 | 0641812 | 2 | Bolt 1/2in-13NC x 1-1/2in (USA Built Machines) **(SN 0300140000 through 0300161433)** | |
| 117 | 0641814 | 2 | Bolt 1/2in-13NC x 1-3/4in (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 117 | 0641814 | 2 | Bolt 1/2in-13NC x 1-3/4in (China Built Machines) **(SN B300000100 through B300000804)** | |
| 118 | 0711025 | 4 | Bolt M10 x 85mm (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 118 | 0711025 | 4 | Bolt M10 x 85mm (China Built Machines) **(SN B300000100 through B300000804)** | |
| 119 | 0791608 | 3 | Bolt 3/8in-16NC x 1in (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 119 | 0791608 | 3 | Bolt 3/8in-16NC x 1in (China Built Machines) **(SN B300000100 through B300000804)** | |
| 120 | 3311605 | 3 | Locknut 3/8in-16NC (USA Built Machines) **(SN 0300161434 through 0300174936)** | |
| 120 | 3311605 | 3 | Locknut 3/8in-16NC (China Built Machines) **(SN B300000100** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **through B300000804)** | |
| | | Ref | **ENGINE AND PUMP ASSEMBLIES** | |
| | | Ref | **Tier III/Tier IVi Engines** | |
| | 1001098508 | Ref | **Without Arctic Package (USA Built Machines) (SN 0300170337 through 0300182743)** | I |
| | 1001098508 | Ref | **Without Arctic Package (China Built Machines) (SN B300000753 through B300001091)** | I |
| | 1001099640 | Ref | **With Arctic Package (USA Built Machines) (SN 0300170337 through 0300182743)** | I |
| | 1001099640 | Ref | **With Arctic Package (China Built Machines) (SN B300000753 through B300001091)** | I |
| | | Ref | **Tier IVi-Flex Engines** | |
| | 1001137738 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001137738 | Ref | **Without Arctic Package (ANSI, CE and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | C |
| | 1001137741 | Ref | **With Arctic Package (ANSI and CSA Specs USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001137741 | Ref | **With Arctic Package (ANSI and CSA Specs China Built Machines) (SN B300000753 through B300001091)** | C |
| | 1001144320 | Ref | **Tier IVi-PRE Engines (CE Spec Only USA Built Machines) (SN 0300170337 through 0300182743)** | B |
| | 1001144320 | Ref | **Tier IVi-PRE Engines (CE Spec Only China Built Machines) (SN B300000753 through B300001091)** | B |
| 201 | 0100011 | AR | Compound, Locking | |
| 204 | 0340041 | 2 | Band, Air Cleaner | |
| 205 | 0641407 | 10 | Bolt 1/4in-20NC x 7/8in | |
| 206 | 0641510 | 2 | Bolt 5/16in-18NC x 1-1/4in | |
| 207 | 0641606 | 2 | Bolt 3/8in-16NC x 3/4in | |
| 208 | 0641609 | 6 | Bolt 3/8in-16NC x 1-1/8in | |
| 209 | 0641610 | 16 | Bolt 3/8in-16NC x 1-1/4in | |
| 210 | 0641818 | 2 | Bolt 1/2in-13NC x 2-1/4in | |
| 211 | 0641826 | 2 | Bolt 1/2in-13NC x 3-1/4in | |
| 212 | 0700808 | 4 | Bolt M8 x 16mm | |
| 213 | 0641512 | 1 | Bolt 5/16in-18NC x 1-1/2in | |
| 215 | 0771414 | 10 | Bolt M14 x 30mm Grade 10.9 | |
| 216 | 0940070 | 1 | Bumper | |
| 217 | 0961986 | 2 | Bushing, Flanged | |
| 218 | 1060904 | 1 | Cable, Jumper (USA Built Machines) **(SN 0300140000 through 0300140567 Only)** | |
| 219 | 1320016 | 2 | Clamp | |
| 221 | 1320223 | 4 | J-Clip | |
| 222 | 1340060 | 1 | Air Cleaner Assembly Filter Element | |
| 222 | 7012664 | 1 | Element, Filter (Not Shown) | |
| 223 | 1703162 | 2 | Decal - Caution Fan Blade | |
| 224 | 1703162 | 2 | Plug, Hole | |
| 225 | 2060025 | 1 | Fan | |
| 226 | 2220451 | 2 | Fitting, Straight | |
| 227 | 2720398 | 2 | Hose, Oil Cooler | |
| 228 | 1001091179 | 1 | Elbow, Rubber | |
| 230 | | Ref | Hose, Oil Drain Options: | |
| 230 | 1001091892 | 6 in/15cm | USA Built Machines **(SN 0300140000 through 0300141455 Only)** | |
| 230 | 2750532 | 1 ft/0.3m | USA Built Machines **(SN 0300141456 through 0300182743** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **Only)** | |
| 230 | 2750532 | 1 ft/0.3m | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 231 | | Ref | Oil, Motor Options (Not Shown): | |
| 231 | 3020016 | 3.75 gal /14.19L | Without Arctic Package | |
| 231 | 3020044 | 3.75 gal /14.19L | With Arctic Package | |
| 232 | 3200362 | 2 | Mount, Motor | |
| 233 | 3200406 | 2 | Mount, Motor | |
| 235 | 3311405 | 10 | Locknut 1/4in-20NC | |
| 236 | 3311505 | 3 | Locknut 5/16in-18NC | |
| 237 | 3311605 | 22 | Locknut 3/8in-16NC | |
| 238 | 3311805 | 4 | Locknut 1/2in-13NC | |
| 239 | 3537416 | 1 | Plate, Engine Mounting (Front Right Side) | |
| 240 | 3539872 | 1 | Plate, Radiator Mounting | |
| 241 | 3539971 | 1 | Plate, Engine Mounting (Front Bottom) | |
| 242 | 1001093943 | 1 | Plate, Engine Mounting (Rear) | |
| 243 | 3620033 | NLA | Radiator (Use p/n 1001150998) | |
| 244 | 3740067 | 3 | Relay | |
| 245 | 3960407 | 1 | Gasket, Air Intake | |
| 246 | 3960468 | 1 | Seal | |
| 247 | 3960469 | 1 | Seal | |
| 248 | 4060805 | 37 in/1m | Flex-Trim | |
| 249 | | Ref | Engine, Deutz Options: | |
| 249 | 1001094101 | 1 | Tier III/Tier IVi Engines (All Specs USA Built Machines) **(SN 030014000 through 0300170336)** | |
| 249 | 1001094101 | 1 | Tier III/Tier IVi Engines (All Specs except ANSI, CE and CSA Specs USA Built Machines) **(SN 0300170337 through 0300182743)** | |
| 249 | 1001094101 | 1 | Tier III/Tier IVi Engines (China Built Machines) **(SN B300000100 through B300000752)** | |
| 249 | 1001094101 | 1 | Tier III/Tier IVi Engines (All Specs except ANSI, CE and CSA Specs China Built Machines) **(SN B300000753 through B300001091)** | |
| 249 | 1001137737 | 1 | Tier IVi-Flex Engines (ANSI, CE and CSA Specs USA Built Machines) **(SN 0300170337 through 0300182743)** | |
| 249 | 1001137737 | 1 | Tier IVi-Flex Engines (ANSI, CE and CSA Specs China Built Machines) **(SN B300000753 through B300001091)** | |
| 249 | 1001144319 | 1 | Tier IVi-PRE Engines (CE Spec Only USA Built Machines) **(SN 0300170337 through 0300182743)** | |
| 249 | 1001144319 | 1 | Tier IVi-PRE Engines (CE Spec Only China Built Machines) **(SN B300000753 through B300001091)** | |
| 250 | | Ref | Valve, Oil Drain Options: | |
| 250 | 1001104308 | NLA | USA Built Machines (Use p/n 4640751) **(SN 0300140000 through 0300141455 Only)** | |
| 250 | 4640751 | 1 | USA Built Machines **(SN 0300141456 through 0300182743 Only)** | |
| 250 | 4640751 | 1 | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 251 | 4711400 | 6 | Flatwasher 1/4in Thin | |
| 252 | 4711600 | 3 | Flatwasher 3/8in Thin | |
| 254 | 4740274 | 4 | Washer, Snubbing | |
| 255 | 4751400 | 8 | Flatwasher 1/4in Regular | |
| 256 | 4751600 | 44 | Flatwasher 3/8in Regular | |

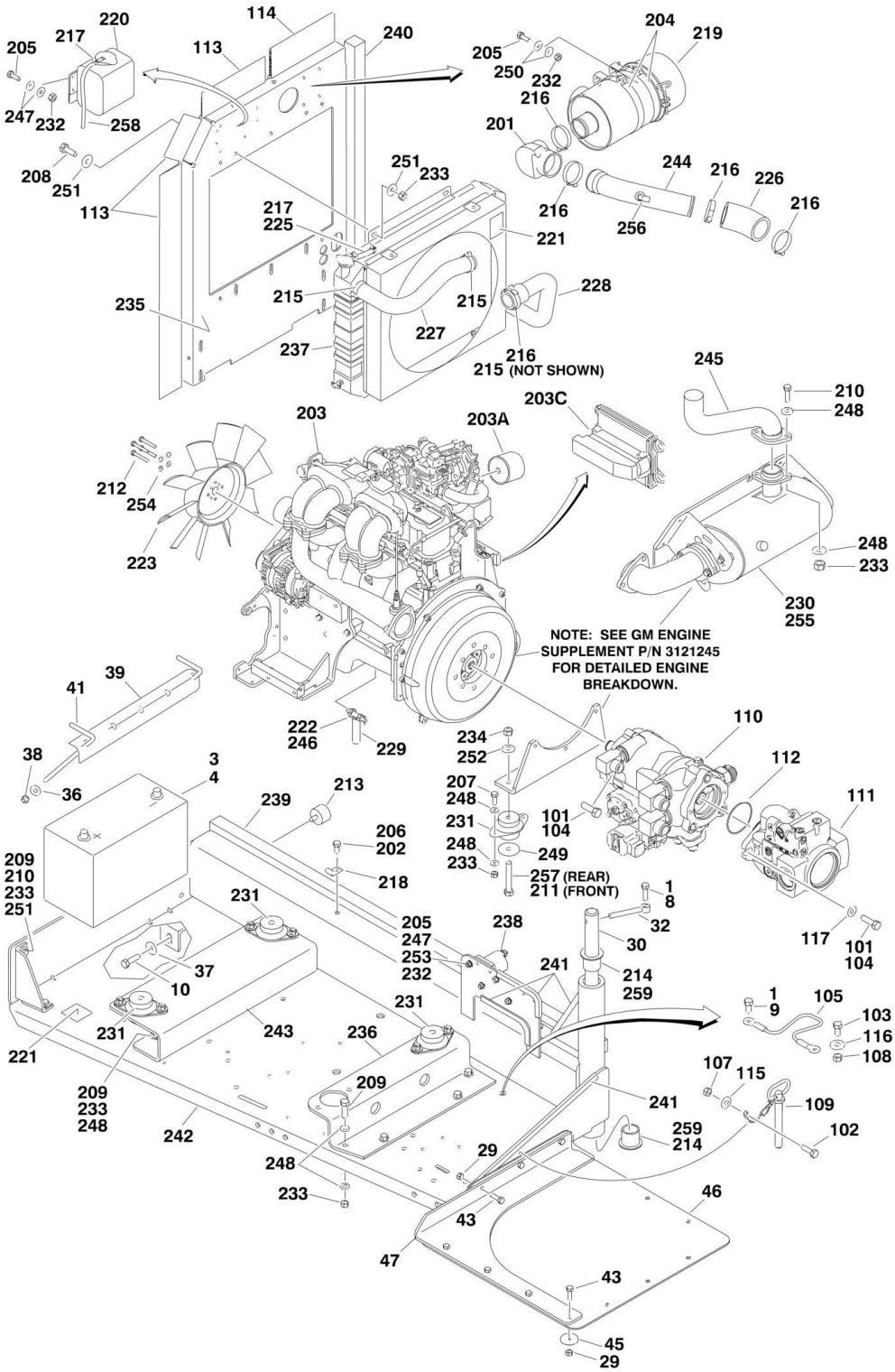
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 257 | 1001094321 | 1 | Tray, Engine | |
| 258 | 4791400 | 6 | Starwasher 1/4in | |
| 259 | 4812200 | 10 | Flatwasher M14 | |
| 260 | 4845395 | 1 | Adapter, Air Intake | |
| 262 | 4846566 | 1 | Plate, Engine Mounting (Front Left Side) | |
| 263 | 4923379 | 1 | Harness, Glowplug | |
| 265 | | Ref | Muffler Options: | |
| 265 | 1001099051 | 1 | Spark Arresting (Standard) | |
| 265 | 1001101241 | 1 | Catalytic (Optional) | |
| 265 | | Ref | Muffler Components: | |
| 265 | 1320176 | 1 | Saddle Clamp Used on Spark Arresting | |
| 265 | 70001017 | 1 | Band Clamp Used on Catalytic | |
| 265 | 7024560 | 1 | Plug, Brass | |
| 266 | 3740080 | 1 | Relay | |
| 267 | 1320022 | 1 | Clamp (USA Built Machines) **(SN 0300141456 through 0300182743 Only)** | |
| 267 | 1320022 | 1 | Clamp (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| | | Ref | **Note: Arctic Package Item 268 Not Shown - Used on Arctic Machines Only** | |
| 268 | 2580062 | 1 | Heater, Engine Block | |
| | 2902065 | Ref | **PUMP COUPLING AND MOUNTING PLATE KIT (USA BUILT MACHINES) (SN 0300140000 through 0300174935)** | G |
| | 2902065 | Ref | **PUMP COUPLING AND MOUNTING PLATE KIT (CHINA BUILT MACHINES) (SN B300000100 through B300000803)** | G |
| 301 | 70000793 | 1 | Coupling, Hayes | |
| 302 | See Note | NSS | Plate, Pump Adapter (Note: Not Available - Use p/n 2902065) | |
| 303 | See Note | NSS | Capscrew M10 (Note: Purchase Locally) | |
| 304 | See Note | NSS | Flatwasher M10 (Note: Purchase Locally) | |
| | 1001153282 | Ref | **PUMP COUPLING AND MOUNTING PLATE KIT (USA BUILT MACHINES) (SN 0300174936 through 0300182743)** | C |
| | 1001153282 | Ref | **PUMP COUPLING AND MOUNTING PLATE KIT (CHINA BUILT MACHINES) (SN B300000804 through B300001091)** | C |
| 351 | 70004183 | 1 | Coupling, Guardian | |
| 352 | See Note | NSS | Plate, Pump Adapter (Note: Use p/n 1001153282) | |
| 353 | See Note | NSS | Capscrew M10 (Note: Purchase Locally) | |
| | | Ref | **ENGINE COMPONENTS** | |
| | 1001094101 | Ref | **Tier IVi Engines without Arctic Package (USA Built Machines) (SN 0300170337 through 0300182743)** | C |
| | 1001094101 | Ref | **Tier IVi Engines without Arctic Package (China Built Machines) (SN B300000753 through B300001091)** | C |
| | 1001137737 | Ref | **Tier IVi-Flex Engines (ANSI, CE and CSA Specs USA Built Machines) (SN 0300170338 through 0300182743)** | B |
| | 1001137737 | Ref | **Tier IVi-Flex Engines (ANSI, CE and CSA Specs China Built Machines) (SN B300000752 through B300001091)** | B |
| | 1001144319 | Ref | **Tier IVi-PRE Engines (CE Spec Only USA Built Machines) (SN 0300170337 through 0300182743)** | B |
| | 1001144319 | Ref | **Tier IVi-PRE Engines (CE Spec Only China Built Machines) (SN B300000753 through B300001091)** | B |
| 401 | 7026631 | 1 | Dipstick | |
| 401 | 7020487 | 1 | O-Ring, Dipstick | |
| 402 | 7020465 | 1 | Cap, Filler | |
| 403 | 70001850 | 1 | Pump, Oil Lube | |
| 403 | 7020468 | 1 | Seal Between Oil Pump and Engine Block (Not Shown) | |

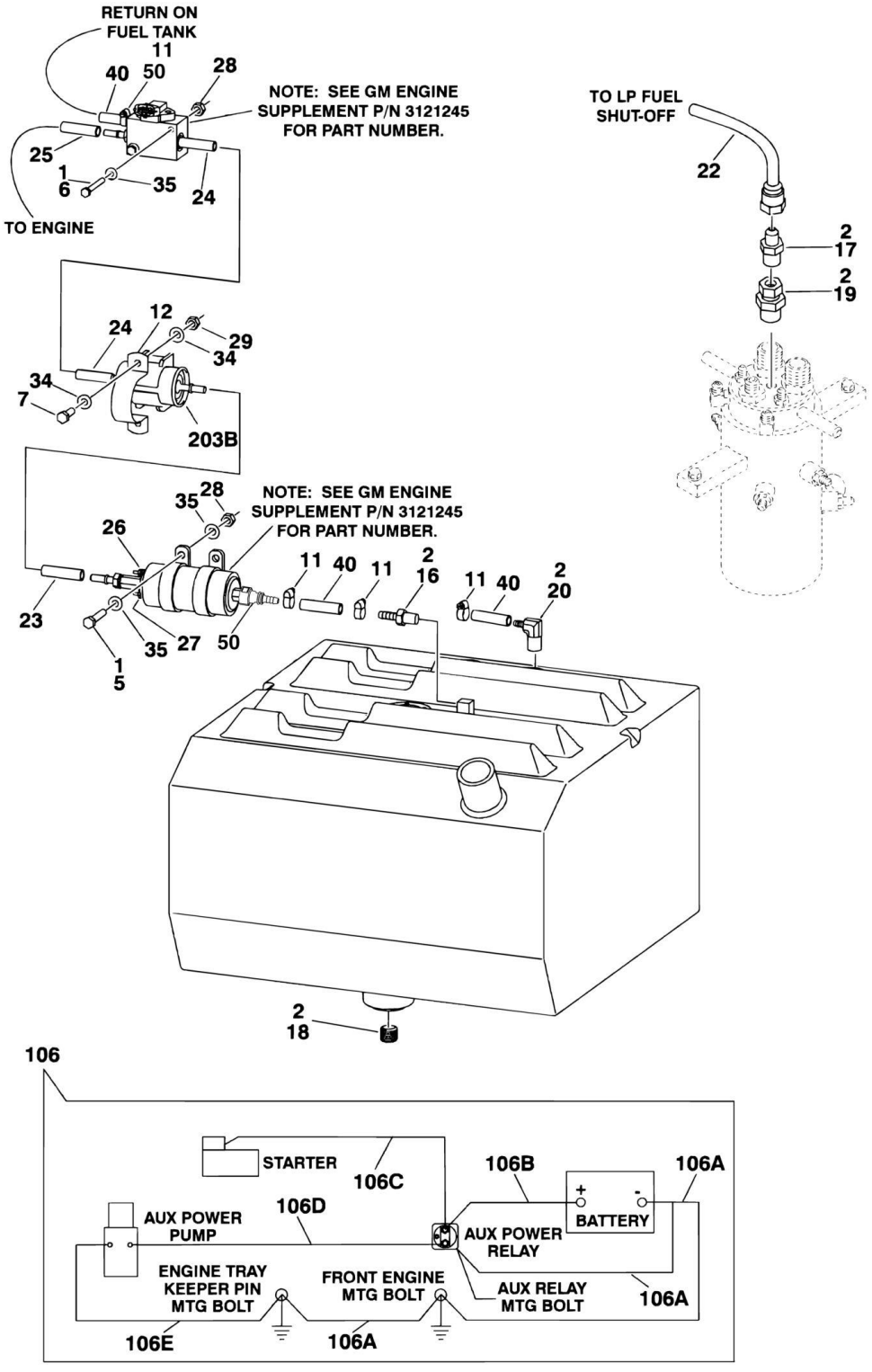
# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 404 | 7016331 | 1 | Filter, Oil | |
| 404 | 70001848 | 1 | Sensor at Oil Filter | |
| 404 | 70001132 | 1 | Seal, Sensor at Oil Filter | |
| 405 | | Ref | Pump, Injector Options: | |
| 405 | 70000912 | 4 | Series A Injector | |
| 405 | 70000913 | 4 | Series B Injector | |
| 405 | 70000914 | 4 | Series C Injector | |
| 405 | 70000915 | 4 | Series D Injector | |
| 406 | 7016328 | 1 | Filter, Fuel | |
| 407 | 70000916 | 1 | Pump, Fuel Supply | |
| 407 | 70001435 | 1 | Kit, Repair | |
| 407 | 70000919 | 1 | Hand Pump | |
| 407 | 70000918 | 1 | Seal, Hand Pump | |
| 407 | 70000917 | 1 | O-Seal Between Fuel Pump and Engine Block (Not Shown) | |
| 408 | 7020449 | 4 | Gasket, Intake Manifold (Not Shown) | |
| 409 | 7020408 | 1 | V-Belt | |
| 410 | 7020471 | 4 | Gasket, Exhaust Manifold to Engine Block (Not Shown) | |
| 410 | 70001835 | 1 | Gasket, Exhaust (Header to EGR Valve Block) (Not Shown) | |
| 410 | 70001836 | 1 | Gasket, Exhaust (Engine Head to Header) (Not Shown) | |
| 410 | 70001837 | 1 | Gasket, Exhaust (Exhaust Tube to Muffler) (Not Shown) | |
| 410 | 70001838 | 2 | Gasket, Exhaust (EGR Valve Block to Exhaust Tube) (Not Shown) | |
| 410 | 70001874 | 1 | Plate Choke (Between 70001838 Gaskets) (Not Shown) | |
| 410 | 70001839 | 1 | Flange, Sealing (Near Front of Header) (includes Seal and Pin) (Not Shown) | |
| 410 | 70001841 | 1 | Valve, EGR (Not Shown) | |
| 411 | 7000663 | 1 | Alternator | |
| 411 | 70001868 | 1 | Regulator, Voltage (Not Shown) | |
| 411 | 70001866 | 1 | Gasket, Regulator (Not Shown) | |
| 411 | 70002234 | 1 | Bracket, Adjusting (Not Shown) | |
| 412 | 7020479 | 1 | Starter | |
| 412 | 7026608 | 1 | Solenoid | |
| 413 | See Note | 2 | Plug- In Connector (Not Shown) (Note: Not Available for Purchase) | |
| 414 | 7027791 | 1 | Transmitter, Temperature | |
| 414 | See Note | 1 | Ring, Sealing (Note: Not Available for Purchase) | |
| 415 | 7027790 | 1 | Sensor, Oil Pressure | |
| 416 | 7024565 | 1 | Sensor, Speed | |
| 417 | 7027792 | 1 | Actuator, Throttle | |
| 419 | 7027795 | 1 | Module, EMR2 Controller | |
| 419 | 7027796 | 1 | Harness, EMR2 Module | |
| 420 | 70000345 | 4 | Plug, Glow | |
| 421 | 7020459 | 1 | Thermostat | |
| 423 | 70001870 | 1 | Flywheel | |
| 424 | 7024579 | 1 | Rim, Gear | |
| 427 | 70001847 | 1 | Breather Valve (Not Shown) | |
| 427 | 70001126 | 1 | Seal, Breather Valve (Not Shown) | |
| 428 | | Ref | Gasket, Cylinder Head Options (Not Shown): | |
| 428 | 70002415 | 1 | 1 Notch | |
| 428 | 70002416 | 1 | 2 Notches | |
| 428 | 70002417 | 1 | 3 Notches | |
| 430 | 70002200 | 8 | Stud (Used to attach muffler) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 431 | 70001872 | 1 | Harness, Engine (Not Shown) | |
| 431 | 7027793 | 1 | Plug, Connector | |

## FIGURE 2-7. GM ENGINE INSTALLATION




RETURN ON FUEL TANK
11
40
50
28
NOTE: SEE GM ENGINE SUPPLEMENT P/N 3121245 FOR PART NUMBER.
25
1
6
35
24
TO ENGINE
TO LP FUEL SHUT-OFF
22
2
17
2
19
12
24
29
34
34
7
203B
35
28
NOTE: SEE GM ENGINE SUPPLEMENT P/N 3121245 FOR PART NUMBER.
26
11
40
11
2
16
11
40
2
20
23
35
27
50
1
5
2
18
106
STARTER
106C
106B
106A
+
-
BATTERY
106D
AUX POWER PUMP
AUX POWER RELAY
ENGINE TRAY KEEPER PIN MTG BOLT
FRONT ENGINE MTG BOLT
AUX RELAY MTG BOLT
106A
106E
106A

## FIGURE 2-7. GM ENGINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001114634 | Ref | **GM 3.0L TIER III/IV ENGINE INSTALLATION** | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0400075 | 1 | Battery (Wet) | |
| 5 | 0641412 | 2 | Bolt 1/4in-20NC x 1-1/2in | |
| 6 | 0641422 | 2 | Bolt 1/4in-20NC x 2-3/4in | |
| 7 | 0641511 | 2 | Bolt 5/16in-18NC x 1-3/8in | |
| 8 | 0641608 | 1 | Bolt 3/8in-16NC x 1in | |
| 9 | 0641808 | 1 | Bolt 1/2in-13NC x 1in | |
| 10 | 0642010 | 1 | Bolt 5/8in-11NC x 1-1/4in | |
| 11 | 1001174486 | 4 | Clamp, Fuel Line | |
| 12 | 1320323 | 1 | Clamp | |
| 13 | 1700818 | 2 | Decal - LP Gas (Liquid) (Not Shown) | |
| 14 | 1701542 | 1 | Decal, Gas (Not Shown) | |
| 15 | 1701543 | 2 | Decal, LPG (Not Shown) | |
| 16 | 2180348 | 1 | Fitting, Barbed | |
| 17 | 2180418 | 1 | Fitting, Straight | |
| 18 | 2200222 | 1 | Fitting, Plug | |
| 19 | 2220005 | 1 | Fitting, Straight | |
| 20 | 2221176 | 1 | Fitting, Elbow | |
| 21 | 2300004 | 2.63 gal /9.96L | Coolant (Not Shown) | |
| 22 | 2720392 | 1 | Hose, LP | |
| 23 | | Ref | Hose, High Pressure Fuel Line (6in/15cm Length) Options: | |
| 23 | 2720566 | 1 | Hose, High Pressure Fuel Line **(SN 0300140000 through 0300181849)** | |
| 23 | 1001156823 | 1 | Hose, High Pressure Fuel Line **(SN 0300181850 through 0300182743)** | |
| 24 | | Ref | Hose, High Pressure Fuel Line (4ft/1.2m Length) Options: | |
| 24 | 2720567 | 1 | Hose, High Pressure Fuel Line **(SN 0300140000 through 0300181849)** | |
| 24 | 1001156824 | 1 | Hose, High Pressure Fuel Line **(SN 0300181850 through 0300182743)** | |
| 25 | | Ref | Hose Options: | |
| 25 | 2720580 | 1 | Hose **(SN 0300140000 through 0300181849)** | |
| 25 | 1001156825 | 1 | Hose **(SN 0300181850 through 0300182743)** | |
| 26 | 3290405 | 1 | Locknut M4 x 0.7 | |
| 27 | 3290505 | 1 | Locknut M5 x 0.8 | |
| 28 | 3311405 | 4 | Locknut 1/4in x 20NC | |
| 29 | 3311505 | AR | Locknut 5/16in-18NC | |
| 30 | 3422446 | 1 | Pin | |
| 31 | 3790012 | 1 | O-Ring (Not Shown - Located in Console Box) | |
| 32 | 3841143 | 1 | Keeper | |
| 33 | 4360336 | 1 | Switch, Toggle (Not Shown - Located in Console Box) | |
| 34 | 4711500 | 4 | Flatwasher 5/16in Thin | |
| 35 | 4751400 | 8 | Flatwasher 1/4in Regular | |
| 36 | 4751500 | 2 | Flatwasher 5/16in Regular | |
| 37 | 4752000 | 1 | Flatwasher 5/8in Regular | |
| 38 | 88521205 | 2 | Locknut, Nylon Insert 5/16in-18NC | |
| 39 | 91401281 | 1 | Angle, Battery Hold Down | |

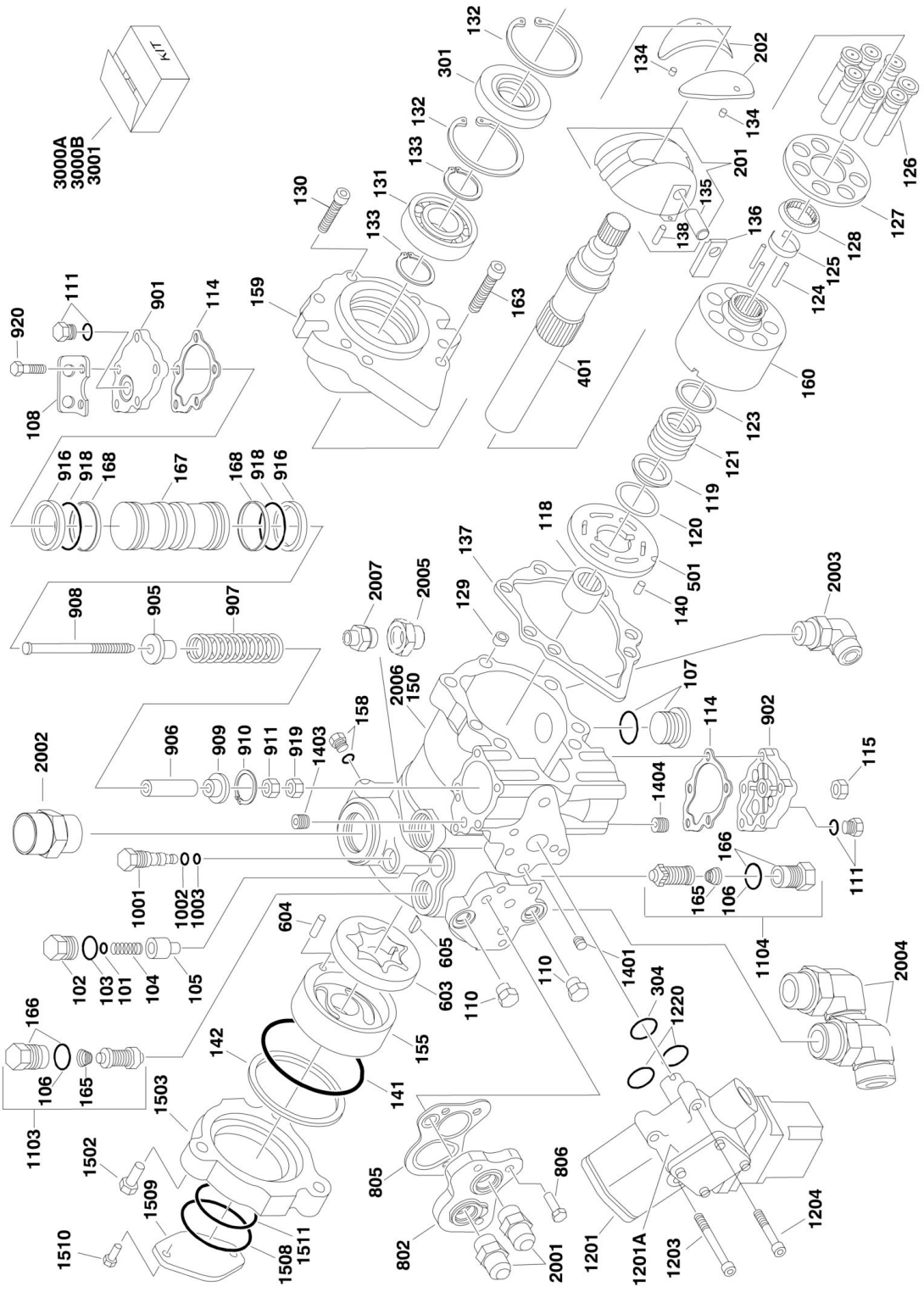
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 40 | | Ref | Hose, Fuel Line Options: | |
| 40 | 1001091587 | 8.5 ft /2.6m | Hose, Fuel Line **(SN 0300140000 through 0300181849)** | |
| 40 | 1001156819 | 8.5 ft /2.6m | Hose, Fuel Line **(SN 0300181850 through 0300182743)** | |
| 41 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 43 | 0641508 | 7 | Bolt 5/16in-18NC x 1in | |
| 44 | 4240018 | 1 | Strap, Cable Tie (Not Shown) | |
| 45 | 4740508 | 4 | Washer | |
| 46 | 1001121891 | 1 | Panel, Rubber **(SN 0300143288 through 0300182743 Only)** | |
| 47 | 1001125468 | 1 | Bracket, Air Baffle **(SN 0300143288 through 0300182743 Only)** | |
| 50 | 1001174093 | 2 | Fitting, Quick Disconnect | |
| | 1001114633 | Ref | **GM ENGINE AND PUMP SUB-ASSEMBLIES** | E |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0641406 | 1 | Bolt 1/4in-20NC x 3/4in | |
| 103 | 0641808 | 1 | Bolt 1/2in-13NC x 1in | |
| 104 | 0641812 | 4 | Bolt 1/2in-13NC x 1-1/2in | |
| 105 | 1060637 | 1 | Cable, Lanyard | |
| 106 | 2902533 | 1 | Battery Cable Kit | B |
| 106A | 7027018 | 1 | Cable (Battery - to Ground) | |
| 106B | 7027015 | 1 | Cable (Battery + to Auxiliary Relay) | |
| 106C | 7027017 | 1 | Cable (Auxiliary Relay to Starter) | |
| 106D | 7016824 | 1 | Cable (Auxiliary Relay to Auxiliary Pump) | |
| 106E | 7016825 | 1 | Cable (Ground to Auxiliary Pump) | |
| 107 | 3311405 | 1 | Locknut 1/4in-20NC | |
| 108 | 3311805 | 1 | Locknut 1/2in-13NC | |
| 109 | 3422532 | 1 | Pin, Hitch | |
| 110 | | Ref | Piston Pump Assembly with Fittings Options: | |
| 110 | 3600410 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (SAUER-DANFOSS) for Breakdown) **(SN 0300140000 through 0300180777)** | |
| 110 | 1001152522 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (EATON) for Breakdown) **(SN 0300180778 through 0300182115)** | |
| 110 | 3600410 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (SAUER-DANFOSS) for Breakdown) **(SN 0300182116 through 0300182141)** | |
| 110 | 1001152522 | 1 | Piston Pump Assembly with Fittings (See PUMP ASSEMBLY (EATON) for Breakdown) **(SN 0300182142 through 0301822743)** | |
| 111 | 3600411 | 1 | Load Sensing Pump Assembly with Fittings (See LOAD SENSING PUMP ASSEMBLY for Breakdown) | |
| 112 | 3790044 | 1 | O-Ring | |
| 113 | 3960548 | 3.66 ft /1.1m | Seal | |
| 114 | 3960549 | 1 ft/0.3m | Seal | |
| 115 | 4711400 | 1 | Flatwasher 1/4in Thin | |
| 116 | 4751800 | 1 | Flatwasher 1/2in Regular | |
| 117 | 4891800 | 4 | Flatwasher, 1/2in Hardened | |
| | 1001114632 | Ref | **GM ENGINE ASSEMBLY** | D |
| 201 | 0080201 | 1 | Adapter, Elbow | |
| 202 | 0100011 | AR | Compound, Locking | |
| 203 | 1001114595 | 1 | Engine, GM 3.0L (See GM Engine Supplement P/N 3121245 for Breakdown of Additional Components) | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 203A | 7027965 | 1 | Filter, Oil | |
| 203B | 7027972 | 1 | Filter, Fuel | |
| 203C | 70002895 | 1 | Module, Control (ECU) | |
| 203D | 70000164 | 4 | Sparkplug (Not Shown) | |
| 204 | 0340041 | 2 | Band, Mounting | |
| 205 | 0641406 | 10 | Bolt 1/4in-20NC x 3/4in | |
| 206 | 0641606 | 3 | Bolt 3/8in-16NC x 3/4in | |
| 207 | 0641608 | 8 | Bolt 3/8in-16NC x 1in | |
| 208 | 0641609 | 4 | Bolt 3/8in-16NC x 1-1/8in | |
| 209 | 0641610 | 10 | Bolt 3/8in-16NC x 1-1/4in | |
| 210 | 0641612 | 4 | Bolt 3/8in-16NC x 1-1/2in | |
| 211 | 0641828 | 2 | Bolt 1/2in-13NC x 3-1/2in | |
| 212 | 0700810 | 4 | Bolt M8 x 20mm | |
| 213 | 0940070 | 1 | Bumper | |
| 214 | 0961986 | 2 | Bearing, Flanged | |
| 215 | 1320012 | 3 | Clamp | |
| 216 | 1320016 | 5 | Clamp | |
| 217 | 1320022 | AR | Clamp | |
| 218 | 1320223 | 3 | Clamp | |
| 219 | 1340060 | 1 | Air Cleaner Assembly | |
| 219 | 7012664 | 1 | Element, Air Cleaner | |
| 220 | 1580011 | 1 | Container, Coolant Overflow | |
| 221 | 1703162 | 2 | Decal - Caution Fan | |
| 222 | 0100020 | AR | Locking Compound | |
| 223 | 2060025 | 1 | Fan | |
| 225 | 2720058 | 5.5 in /14cm | Hose | |
| 226 | 1001116544 | 1 | Duct | |
| 227 | 2720563 | 1 | Hose, Radiator (Top) | |
| 228 | 2720564 | 1 | Hose, Radiator (Bottom) | |
| 229 | | Ref | Hose Options: | |
| 229 | 1001091892 | 6 in /15.2cm | Hose **(SN 0300140000 through 0300140808 Only)** | |
| 229 | 2750532 | 1 ft/0.3m | Hose **(SN 0300140809 through 0300182743 Only)** | |
| 230 | 1001091794 | 1 | Insulation, Muffler | |
| 231 | 3200362 | 4 | Mount, Engine | |
| 232 | 3311405 | 12 | Locknut 1/4in-20NC | |
| 233 | 3311605 | 26 | Locknut 3/8in-16NC | |
| 234 | 3311805 | 4 | Locknut 1/2in-13NC | |
| 235 | 3539872 | 1 | Plate, Radiator Mounting | |
| 236 | 3572280 | 1 | Plate, Engine Mount | |
| 237 | 3620040 | 1 | Radiator | |
| 237 | 8180311 | 1 | Cap, Radiator (was p/n 7019656) | |
| 238 | 3740067 | 1 | Relay | |
| 239 | 3960468 | 1 | Seal | |
| 240 | 3960469 | 1 | Seal | |
| 241 | 4060805 | 3 ft/0.9m | Flex-Trim | |
| 242 | 4341239 | 1 | Tray, Engine | |
| 243 | 4341241 | 1 | Mount, Engine (Front) | |
| 244 | 1001116545 | 1 | Tube, Intake | |
| 245 | 4569394 | 1 | Pipe, Exhaust | |
| 246 | | Ref | Valve, Oil Drain Options: | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 246 | 1001105872 | NLA | Valve (Use p/n 4640952) **(SN 0300140000 through 0300141455 Only)** | |
| 246 | 4640952 | 1 | Valve **(SN 0300141456 through 0300182743 Only)** | |
| 247 | 4711400 | 12 | Flatwasher 1/4in Thin | |
| 248 | 4711600 | 36 | Flatwasher 3/8in Thin | |
| 249 | 4740274 | 4 | Flatwasher, Snubbing | |
| 250 | 4751400 | 8 | Flatwasher 1/4in Regular | |
| 251 | 4751600 | 16 | Flatwasher 3/8in Regular | |
| 252 | 4751800 | 4 | Flatwasher 1/2in Regular | |
| 253 | 4791400 | 2 | Starwasher 1/4in | |
| 254 | 4831900 | 4 | Lockwasher M8 | |
| 255 | 4920385 | 10 ft/3m | Wire, Safety | |
| 256 | 2180877 | 1 | Fitting Elbow | |
| 257 | 0641826 | 2 | Bolt 1/2in-13NC x 3-1/4in | |
| 258 | 2720271 | 18 in /46cm | Hose | |
| 259 | 0100062 | AR | Adhesive **(SN 0300173554 through 0300182743)** | |

## FIGURE 2-8. PUMP ASSEMBLY (SAUER-DANFOSS)



## FIGURE 2-8. PUMP ASSEMBLY (SAUER-DANFOSS)

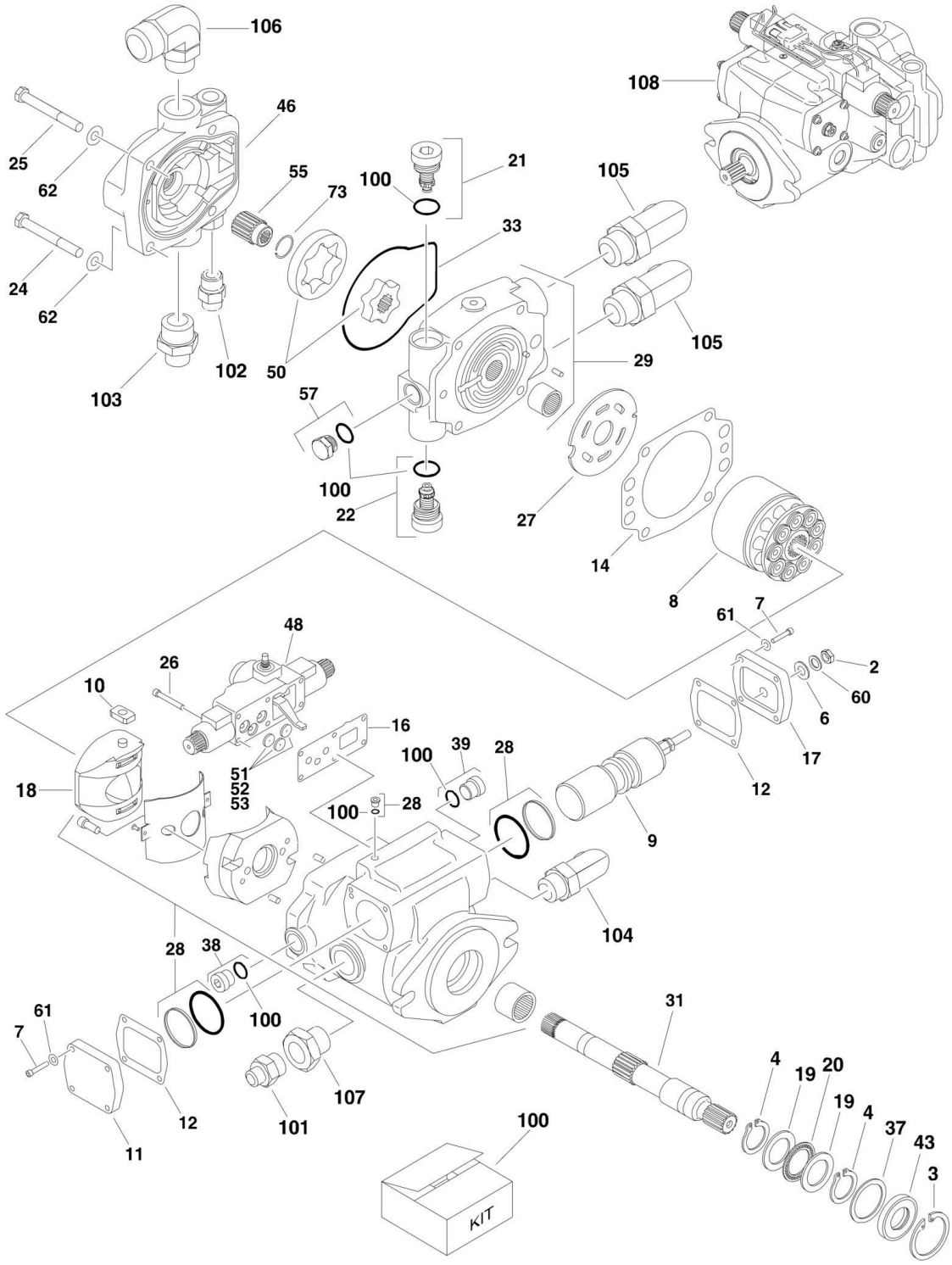
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3600295 | Ref | **PUMP ASSEMBLIES** | B |
| 101 | 7007413 | 1 | Shim Kit | |
| 102 | 7007414 | 1 | Plug | |
| 103 | See Note | NSS | O-Ring (Note: Use Item 3000A) | |
| 104 | 7021200 | 1 | Spring, Relief Valve | |
| 105 | 7007417 | 1 | Valve, Relief | |
| 106 | See Note | NSS | O-Ring (Note: Use Item 1103, 1104 or 3000A) | |
| 107 | 7007419 | 2 | Plug | |
| 108 | 7021201 | 1 | Bracket, Lifting | |
| 110 | 7007470 | 2 | Plug | |
| 111 | 7007470 | 2 | Plug | |
| 114 | See Note | NSS | Gasket, Servo Cover (Note: Use Item 3000A) | |
| 115 | 7007423 | 1 | Nut, Special | |
| 118 | 7007425 | 1 | Bearing, Needle | |
| 119 | See Note | NSS | Ring, Retaining (Note: Use Item 3001) | |
| 120 | See Note | NSS | Washer (Note: Use Item 3001) | |
| 121 | See Note | NSS | Spring (Note: Use Item 3001) | |
| 123 | See Note | NSS | Washer (Note: Use Item 3001) | |
| 124 | See Note | NSS | Retainer (Note: Use Item 3001) | |
| 125 | See Note | NSS | Pin, Slipper Holddown (Note: Use Item 3001) | |
| 126 | See Note | NSS | Piston Assembly (Note: Use Item 3001) | |
| 127 | See Note | NSS | Retainer, Slipper (Note: Use Item 3001) | |
| 128 | See Note | NSS | Guide, Retainer (Note: Use Item 3001) | |
| 129 | 7007435 | 1 | Pin, Spring | |
| 130 | 7021202 | 1 | Screw, 12 Point Head | |
| 131 | 7007437 | 1 | Bearing, Ball | |
| 132 | 7007438 | 2 | Ring, Retainer | |
| 133 | 7007439 | 2 | Ring | |
| 134 | 7021203 | 2 | Pin, Spring | |
| 135 | 7007441 | 1 | Handle, Pin (Part of Item 201) | |
| 136 | 7007442 | 1 | Sleeve, Bearing | |
| 137 | See Note | NSS | Gasket, Front Cover (Note: Use Item 3000A) | |
| 138 | 7021205 | 1 | Pin (Part of Item 201) | |
| 140 | 7007446 | 1 | Pin | |
| 141 | See Note | NSS | O-Ring (Note: Use Item 3000A) | |
| 142 | See Note | NSS | Ring, Load Temper (Note: Use Item 3000A) | |
| 150 | 7023977 | 1 | Housing, Pump | |
| 155 | 7007452 | 1 | Cover, Gerotor | |
| 158 | 7007208 | 1 | Plug | |
| 159 | 7007454 | 1 | Cover, Front | |
| 163 | 7021207 | 6 | Screw | |
| 165 | 7021208 | 2 | Spring (Part of Items 1103 & 1104) | |
| 166 | 7021209 | 2 | Plug, SCR (Part of Items 1103 & 1104) | |
| 167 | 7007494 | 1 | Piston, Servo | |
| 168 | See Note | NSS | Bearing (Note: Use Item 3000A) | |
| 201 | 7007457 | 1 | Swash Plate Assembly (Includes Items 135 & 138) | |
| 202 | 7021212 | 2 | Journal, Bearing | |
| 301 | See Note | NSS | Seal, Lip (Note: Use Item 3000A) | |
| 304 | See Note | NSS | O-Ring (Note: Use Item 3000A) | |
| 401 | 7021213 | 1 | Shaft, Main Pump | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 501 | 7021214 | 1 | Plate, Valve | |
| 603 | 7007463 | 1 | Gerotor Assembly | |
| 604 | 7007464 | 1 | Pin | |
| 605 | 7007465 | 1 | Key, Woodruff | |
| 802 | 7007466 | 1 | Adaptor, Remote Filtration | |
| 805 | See Note | NSS | Seal, Filter Adapter (Note: Use Item 3000A) | |
| 806 | 7021218 | 3 | Screw | |
| 901 | 7021219 | 1 | Cover, Servo | |
| 902 | 7021220 | 1 | Cover, Servo | |
| 905 | 7007483 | 1 | Guide, Spring | |
| 906 | 7007484 | 1 | Stop, Servo | |
| 907 | 7007485 | 1 | Spring | |
| 908 | 7021221 | 1 | Screw | |
| 909 | 7007487 | 1 | Guide, Spring | |
| 910 | 7007488 | 1 | Ring, Retaining | |
| 911 | 7021222 | 1 | Nut | |
| 916 | See Note | NSS | Ring, Piston (Note: Use Items 3000A & 3000B) | |
| 918 | See Note | NSS | O-Ring (Note: Use Items 3000A & 3000B) | |
| 919 | 7021206 | 1 | Nut | |
| 920 | 7021223 | 10 | Screw | |
| 1001 | 7007472 | 1 | Valve, Bypass | |
| 1002 | See Note | NSS | Ring, Back-up (Note: Use Item 3000A) | |
| 1003 | See Note | NSS | O-Ring (Note: Use Item 3000A) | |
| 1103 | 7010122 | 1 | SCR Kit (Includes items 166, 106 & 165) | |
| 1104 | 7010122 | 1 | SCR Kit (Includes items 166, 106 & 165) | |
| 1201 | 7007474 | 1 | Control, Dual Oil-Filled | |
| 1201 | 7007496 | 1 | Coil Assembly (Pilot) | |
| 1201 | 7007497 | 1 | Plug (Pump) | |
| 1201 | 7007498 | 1 | Plug (Valve Harness) | |
| 1201A | 7024828 | 1 | Gasket | |
| 1203 | 7007478 | 2 | Screw | |
| 1204 | 7001498 | 2 | Screw | |
| 1220 | See Note | NSS | O-Ring (Note: Use Item 3000A) | |
| 1401 | 7007475 | 1 | Plug, Orifice/Screen (.156) | |
| 1403 | 7021226 | 1 | Plug, Orifice | |
| 1404 | 7021226 | 1 | Plug, Orifice | |
| 1502 | 7007453 | 3 | Screw | |
| 1503 | 7021227 | 1 | Adapter, Flange | |
| 1508 | 7021228 | 1 | O-Ring | |
| 1509 | 7021229 | 1 | Plate, Cover | |
| 1510 | 7021230 | 2 | Screw | |
| 1511 | 7021231 | 1 | O-Ring | |
| | 3600410 | Ref | **PUMP AND FITTING ASSEMBLY** | B |
| 2001 | 2111010 | 2 | Fitting, Straight | |
| 2002 | 2111616 | 1 | Fitting, Straight | |
| 2003 | 2131212 | 1 | Fitting, Elbow | |
| 2004 | 2131616 | 1 | Fitting, Elbow | |
| 2005 | 2110408 | 1 | Fitting, Straight | |
| 2006 | 3600295 | 1 | Pump Assembly (Includes Items 101-1511) | |
| 2007 | 2220811 | 1 | Fitting, Reducer | |
| | | Ref | **KIT OPTIONS:** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 3000 | | Ref | Seal Kit Options: | |
| 3000A | 7021232 | 1 | Seal Kit - Complete (Includes Items 103, 106, 114, 137, 141, 142, 168, 301, 304, 805, 916, 918, 1002, 1003 & 1220) | |
| 3000B | 7007412 | 1 | Seal Kit - Servo Piston (Includes Items 916 & 918) | |
| 3001 | 7010116 | 1 | Cylinder Block Kit (Includes Items 119-128) | |

## FIGURE 2-9. PUMP ASSEMBLY (EATON)



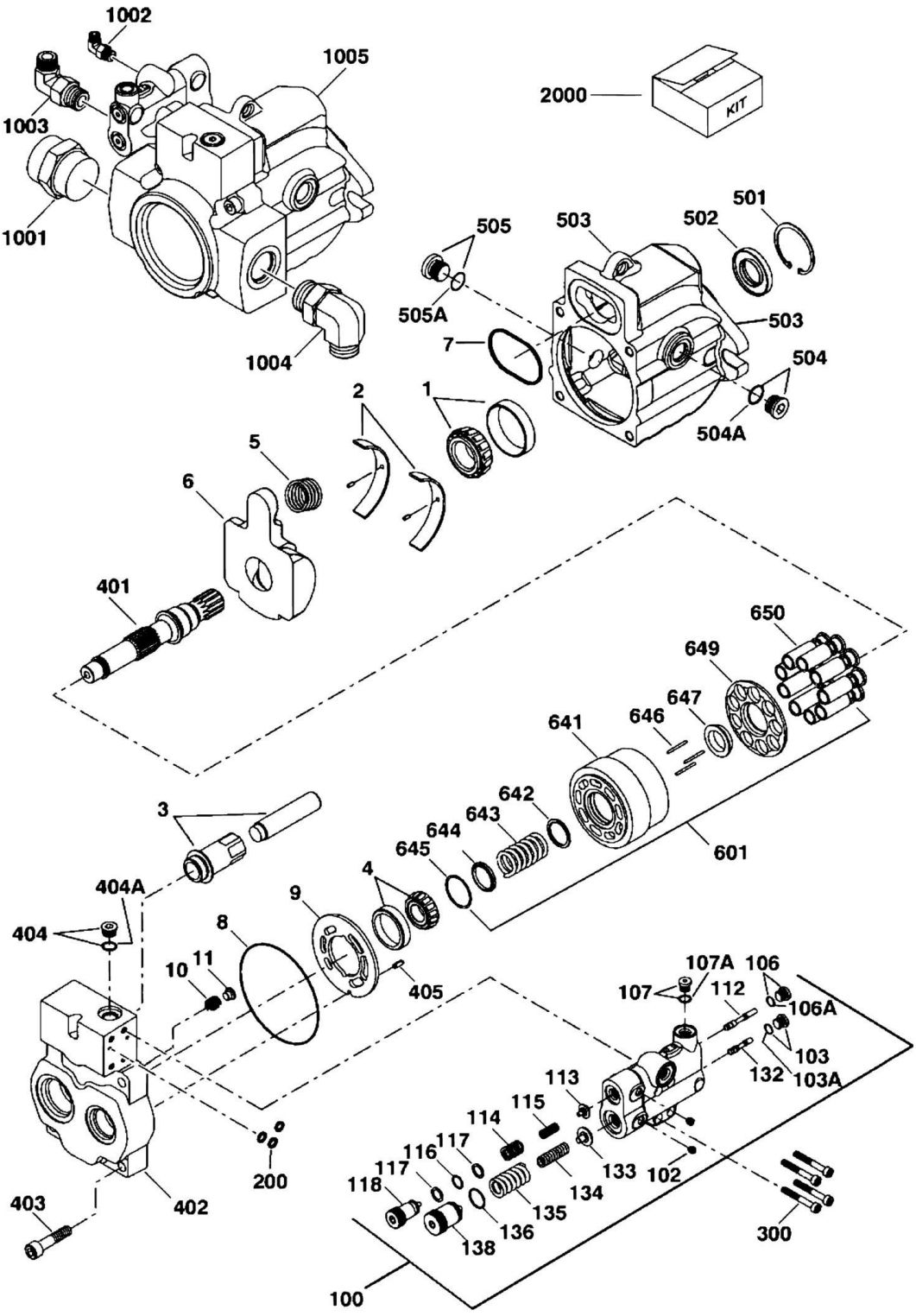
## FIGURE 2-9. PUMP ASSEMBLY (EATON)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142522 | Ref | **PUMP ASSEMBLY** | B |
| 2 | See Note | NSS | Nut (Note: Use Item 100) | |
| 3 | See Note | NSS | Ring, Retaining (Note: Use Item 100) | |
| 4 | See Note | NSS | Ring, Retaining (Note: Use Item 100) | |
| 6 | See Note | NSS | Washer, Seal (Note: Use Item 100) | |
| 7 | 70004330 | 8 | Capscrew | |
| 8 | 70004331 | 1 | Cylinder Block Assembly | |
| 9 | 70004332 | 1 | Servo Piston Assembly | |
| 10 | 70004333 | 1 | Follower, Servo Piston | |
| 11 | 70004334 | 1 | Cover | |
| 12 | 70005116 | 2 | Gasket, Cover | |
| 14 | See Note | NSS | Gasket, Housing (Note: Use Item 100) | |
| 16 | See Note | NSS | Gasket, Control Housing (Note: Use Item 100) | |
| 17 | 70004335 | 1 | Cover | |
| 18 | 70004336 | 1 | Camplate Assembly | |
| 19 | 7004907 | 2 | Race, Thrust | |
| 20 | 7004908 | 1 | Bearing, Thrust | |
| 21 | 70004337 | 1 | Relief Valve Assembly | |
| 22 | 70004337 | 1 | Relief Valve Assembly | |
| 24 | 70004338 | 2 | Capscrew | |
| 25 | 70004338 | 2 | Capscrew | |
| 26 | 70004339 | 6 | Capscrew | |
| 27 | 70004340 | 1 | Plate, Valve | |
| 28 | See Note | 1 | Housing (Note: Not Available for Purchase) | |
| 29 | 70004341 | 1 | End Cover Assembly | |
| 31 | 70004342 | 1 | Shaft, Drive | |
| 33 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 37 | 7004906 | 1 | Washer | |
| 38 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 39 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 43 | See Note | NSS | Seal, Shaft (Note: Use Item 100) | |
| 46 | 70004343 | 1 | Adapter, Charge Pump | |
| 48 | 70004344 | 1 | Servo Control Assembly | |
| 50 | 70004345 | 1 | Gerotor | |
| 51 | 70004346 | 1 | Orifice | |
| 52 | 70004346 | 1 | Orifice | |
| 53 | 70004346 | 1 | Orifice | |
| 55 | 70004347 | 1 | Coupler | |
| 57 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 60 | 70004348 | 1 | Washer | |
| 61 | 70004349 | 8 | Washer | |
| 62 | 70004350 | 4 | Washer | |
| 73 | 70004351 | 1 | Ring, Retaining | |
| 100 | 70004352 | 1 | Seal Kit - Pump (Includes Items 2, 3, 4, 6, 12, 14, 16, 33 & 43 and Valve and Plug O-Rings and Seals) | |
| | 1001152522 | Ref | **PUMP AND FITTING ASSEMBLY** | B |
| 101 | 2110408 | 1 | Fitting, Straight | |
| 102 | 2110810 | 1 | Fitting, Straight | |
| 103 | 2111016 | 1 | Fitting, Straight | |
| 104 | 2131212 | 1 | Fitting, Elbow | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 105 | 2131616 | 2 | Fitting, Elbow | |
| 106 | 2132016 | 1 | Fitting, Elbow | |
| 107 | 2220811 | 1 | Fitting, Reducer | |
| 108 | 1001142522 | 1 | Pump Assembly (Includes Items 2-73) | |

## FIGURE 2-10. LOAD SENSING PUMP ASSEMBLY

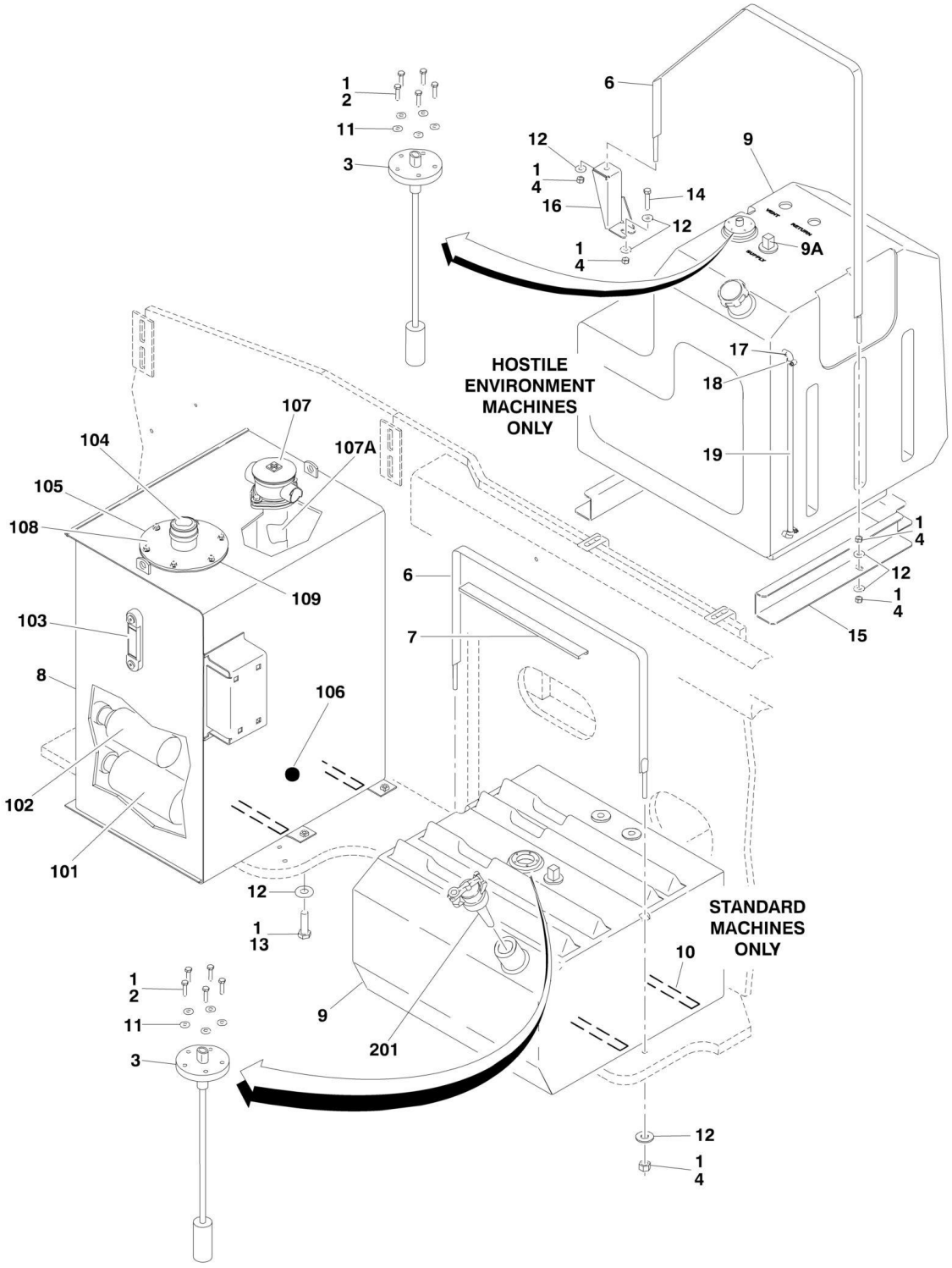


## FIGURE 2-10. LOAD SENSING PUMP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3600324 | Ref | **LOAD SENSING PUMP ASSEMBLY** | |
| 1 | 7023947 | 1 | Bearing, Front (Includes Cup and Cone) | |
| 2 | 7023948 | 1 | Bearings, Swash Plate (Includes Both Sides and Pins) | |
| 3 | 7023949 | 1 | Servo Piston Assembly | |
| 4 | 7023950 | 1 | Bearing, Rear (Includes Cup and Cone) | |
| 5 | 7023951 | 1 | Spring, Bias | |
| 6 | 7023952 | 1 | Swash Plate | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 2000) | |
| 8 | See Note | NSS | O-Ring (Note: Use Item 2000) | |
| 9 | 7023953 | 1 | Plate, Valve | |
| 10 | 7023954 | 1 | Spring, Check Valve | |
| 11 | 7023955 | 1 | Poppet, Check Valve | |
| 100 | 7023956 | 1 | Control Assembly | |
| 102 | See Note | NSS | Setscrew (Note: Use Item 100) | |
| 103 | See Note | NSS | Plug (Note: Use Item 100) | |
| 103A | See Note | NSS | O-Ring (Note: Use Item 100, 103 or 2000) | |
| 106 | See Note | NSS | Plug (Note: Use Item 100) | |
| 106A | See Note | NSS | O-Ring (Note: Use Item 100, 106 or 2000) | |
| 107 | See Note | NSS | Plug (Note: Use Item 100) | |
| 107A | See Note | NSS | O-Ring (Note: Use Item 100, 107 or 2000) | |
| 112 | See Note | NSS | Spool, Control (Note: Use Item 100) | |
| 113 | See Note | NSS | Guide, Spring (Note: Use Item 100) | |
| 114 | See Note | NSS | Spring (Note: Use Item 100) | |
| 115 | See Note | NSS | Spring (Note: Use Item 100) | |
| 116 | See Note | NSS | O-Ring (Note: Use Item 2000) | |
| 117 | See Note | NSS | Ring, Back-up (Note: Use Item 2000) | |
| 118 | See Note | NSS | Plug, Adjusting (Note: Use Item 100) | |
| 132 | See Note | NSS | Spool, Control (Note: Use Item 100) | |
| 133 | See Note | NSS | Guide, Spring (Note: Use Item 100) | |
| 134 | See Note | NSS | Spring (Note: Use Item 100) | |
| 135 | See Note | NSS | Spring (Note: Use Item 100) | |
| 136 | See Note | NSS | O-Ring (Note: Use Item 2000) | |
| 138 | See Note | NSS | Plug, PC Adjusting (Note: Use Item 100) | |
| 200 | See Note | NSS | Ring, Seal (Note: Use Item 2000) | |
| 300 | 7023957 | 4 | Screw | |
| 401 | 7023958 | 1 | Shaft | |
| 402 | 7023959 | 1 | Cap, End | |
| 403 | 7023960 | 4 | Screw | |
| 404 | 7022318 | 1 | Plug | |
| 404A | See Note | NSS | O-Ring (Note: Use Item 404 or 2000) | |
| 405 | 7023961 | 1 | Pin | |
| 501 | 7023962 | 1 | Ring, Retaining | |
| 502 | See Note | NSS | Seal, Lip (Note: Use Item 2000) | |
| 503 | 7023963 | 1 | Housing | |
| 504 | 7023964 | 1 | Plug | |
| 504A | 7007415 | 1 | O-Ring | |
| 505 | 7023964 | 1 | Plug | |
| 505A | 7007415 | 1 | O-Ring | |
| 601 | 7023965 | 1 | Cylinder Block Assembly | |
| 641 | See Note | NSS | Block, Cylinder (Note: Use Item 601) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 642 | See Note | NSS | Washer (Note: Use Item 601) | |
| 643 | See Note | NSS | Spring (Note: Use Item 601) | |
| 644 | See Note | NSS | Retainer, Spring (Note: Use Item 601) | |
| 645 | See Note | NSS | Ring, Retaining (Note: Use Item 601) | |
| 646 | 7021275 | 3 | Pin, Slipper | |
| 647 | See Note | NSS | Guide, Slipper (Note: Use Item 601) | |
| 649 | See Note | NSS | Retainer, Slipper (Note: Use Item 601) | |
| 650 | 7023966 | 9 | Piston Assembly | |
| | 3600411 | Ref | **LOAD SENSING PUMP AND FITTING ASSEMBLY** | B |
| 1001 | 2112424 | 1 | Fitting, Straight | |
| 1002 | 2130404 | 1 | Fitting, Elbow | |
| 1003 | 2130810 | 1 | Fitting, Elbow | |
| 1004 | 2131216 | 1 | Fitting, Elbow | |
| 1005 | 3600324 | 1 | Pump Assembly (Includes Items 1-650) | |
| | | Ref | **KIT OPTIONS:** | |
| 2000 | 7023967 | 1 | Seal Kit - Complete (Includes Items 7, 8, 103A, 106A, 107A, 116, 117, 136, 200, 404A & 502) | |

## FIGURE 2-11. TANK INSTALLATIONS



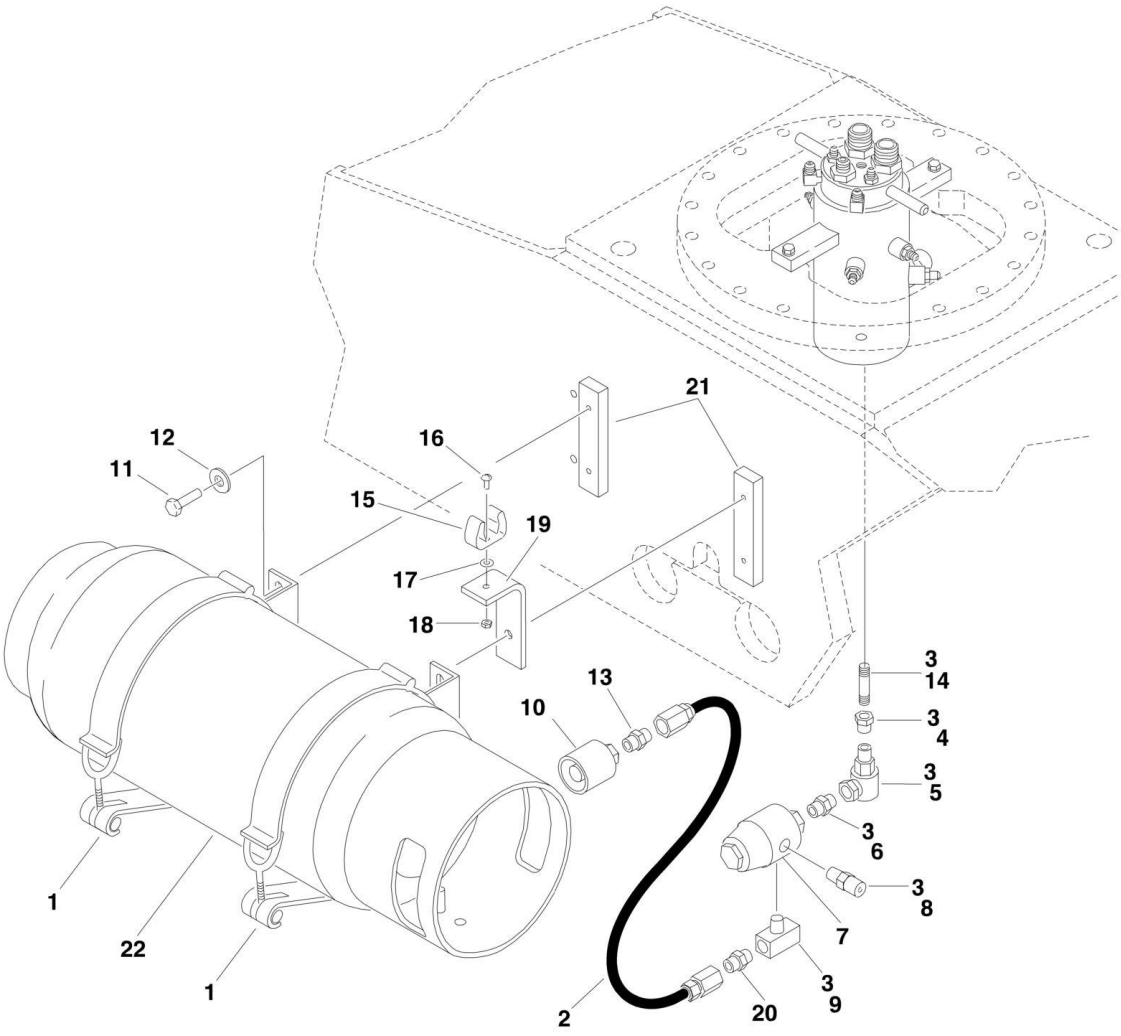
## FIGURE 2-11. TANK INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **TANKS INSTALLATION** | |
| | 0270881 | Ref | **Diesel Machines** | F |
| | 1001125354 | Ref | **Diesel Machines (Hostile Environment Machines)** | B |
| | 1001091568 | Ref | **Gas Machines** | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0731007 | 5 | Capscrew #10-32NF x 7/8in | |
| 3 | | Ref | Gauge, Fuel Level Options: | |
| 3 | 2420191 | 1 | Standard Machines | |
| 3 | 1001109048 | 1 | Hostile Environment Machines | |
| 3 | 3960525 | 1 | Gasket | |
| 4 | 3311601 | AR | Nut 3/8in-16NC | |
| 6 | | Ref | Strap, Tank Mounting Options: | |
| 6 | 4240139 | 1 | Standard Machines | |
| 6 | 1001110059 | 1 | Hostile Environment Machines | |
| 7 | | Ref | Strip, Protector Options: | |
| 7 | 4280295 | 30 in /76cm | Standard Machines | |
| 7 | Not Required | 0 | Hostile Environment Machines | |
| 8 | 4400453 | 1 | Hydraulic Oil Tank Assembly (See Items 101-109 for Breakdown) | |
| 9 | | Ref | Fuel Tank Assembly Options: | |
| 9 | 4400439 | 1 | Diesel Machines | |
| 9 | 1001108579 | 1 | Diesel Machines (Hostile Environment Machines Only) | |
| 9 | 1001091563 | 1 | Gas Machines | |
| 9A | | Ref | Tube, Fuel Pickup Options: | |
| 9A | 7020043 | 1 | Tube, Pickup (Diesel Machines) | |
| 9A | 70004413 | 1 | Tube, Pickup (Diesel Machines) (Hostile Environment Machines Only) | |
| 9A | 7020043 | 1 | Tube, Pickup (Gas Machines) | |
| 10 | 4420038 | AR | Tape, Rubber | |
| 11 | 4751000 | 5 | Flatwasher #10 Regular | |
| 12 | 4751600 | AR | Flatwasher 3/8in Regular | |
| 13 | 0641614 | 4 | Bolt 3/8in-16NC x 1-3/4in | |
| | | Ref | **Note: Items 14-19 Used on Hostile Environment Machines Only.** | |
| 14 | 0641615 | 1 | Bolt 3/8in-16NC x 1-7/8in | |
| 15 | 1001125344 | 1 | Support, Tank | |
| 16 | 1001125345 | 1 | Bracket, Tank | |
| 17 | 2180467 | 2 | Fitting, Barb | |
| 18 | 8405009 | 2 | Clamp, Gear | |
| 19 | 1001113103 | 1 | Tube, Fuel Sight | |
| | 4400453 | Ref | **HYDRAULIC TANK ASSEMBLY** | E |
| 101 | 7024481 | 1 | Strainer 1-1/2inNPT | |
| 102 | 7024442 | 1 | Strainer 1-1/4inNPT | |
| 103 | 7024441 | 1 | Gauge, Sight | |
| 104 | 7024444 | 1 | Breather/Fill Cap | |
| 105 | 7024443 | 1 | Neck, Fill | |
| 105 | 7024445 | 1 | Screen | |
| 106 | 7024446 | 1 | Plug, Magnetic | |
| 107 | 7024374 | 1 | Filter Assembly | |
| 107A | 7024375 | 1 | Element, Filter | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 108 | 7024439 | 1 | Cover | |
| 109 | 7024440 | 1 | Gasket | |
| | | Ref | **FUEL TANK CAP INSTALLATION** | |
| 201 | | Ref | Cap Options: | |
| 201 | 7016314 | 1 | Standard Non-Locking (Part of Item 3) (Used with p/n 4400439 Tank) | |
| 201 | 70001103 | 1 | Standard Non-Locking (Used with p/n 1001091563 Tank) | |
| 201 | 1120487 | 1 | Optional Lockable (Diesel Machines) (Note: Lock not Included) | |

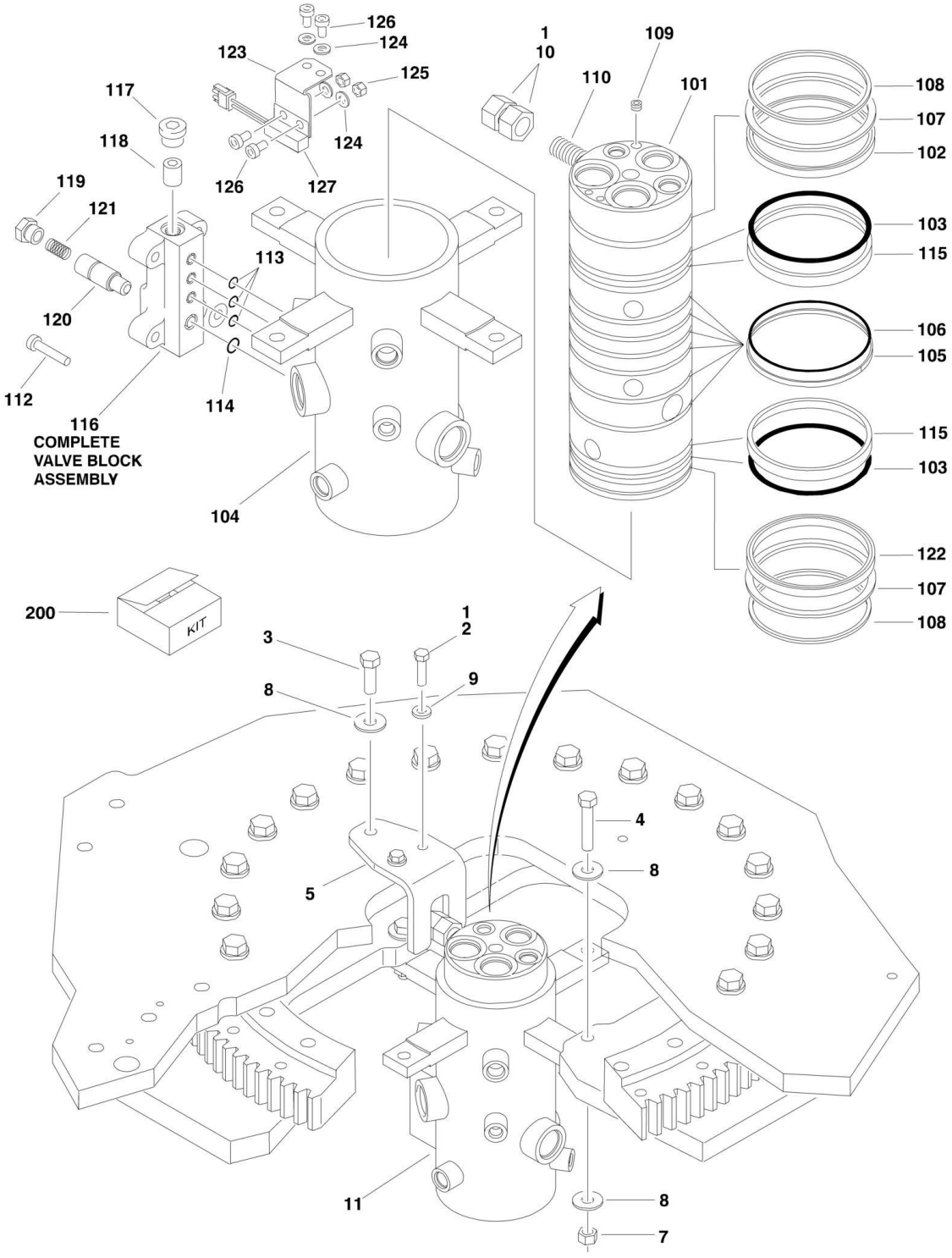
## FIGURE 2-12. LP TANK INSTALLATIONS (GM ENGINE MACHINES ONLY)



## FIGURE 2-12. LP TANK INSTALLATIONS (GM ENGINE MACHINES ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0255524 | Ref | **LP TANK AND BRACKETS INSTALLATION** | 9-F |
| 1 | 1320220 | 2 | Clamp Kit - LP | |
| 1 | 1320127 | 2 | Clamp, Toggle (1 Per Clamp) | |
| 2 | 2720144 | 2 | Hose | |
| 3 | 0100020 | AR | Sealant, Pipe | |
| 4 | 2221197 | 1 | Fitting, Reducer | |
| 5 | 2180125 | 1 | Fitting - Elbow | |
| 6 | 2220261 | 1 | Fitting, Nipple | |
| 7 | 2180388 | 1 | Filter, Bulkhead | |
| 8 | 2180389 | 1 | Valve, Relief | |
| 9 | 2220418 | 1 | Fitting, Tee | |
| 10 | 2180387 | 2 | Fitting, LP Tank | |
| 11 | 0641606 | 8 | Bolt 3/8in-16NC x 3/4in | |
| 12 | 4751600 | 8 | Flatwasher 3/8in Regular | |
| 13 | 2180418 | 2 | Fitting, Straight | |
| 14 | 2220261 | 1 | Fitting, Nipple | |
| 15 | 1320218 | 2 | Clamp, Spring | |
| 16 | 3910808 | 2 | Screw, Machine #8-32NC x 1/2in | |
| 17 | 4750800 | 4 | Flatwasher #8 Regular | |
| 18 | 3310805 | 2 | Locknut #8-32NC | |
| 19 | 0181949 | 2 | Support, Angle | |
| 20 | 2221024 | 2 | Fitting, Ball Check | |
| 21 | 0362519 | 4 | Bar, Clamp | |
| 22 | | Ref | LP Tank Options: | |
| 22 | 4400275 | 1 | Aluminum | |
| 22 | 4400420 | 1 | Steel | |

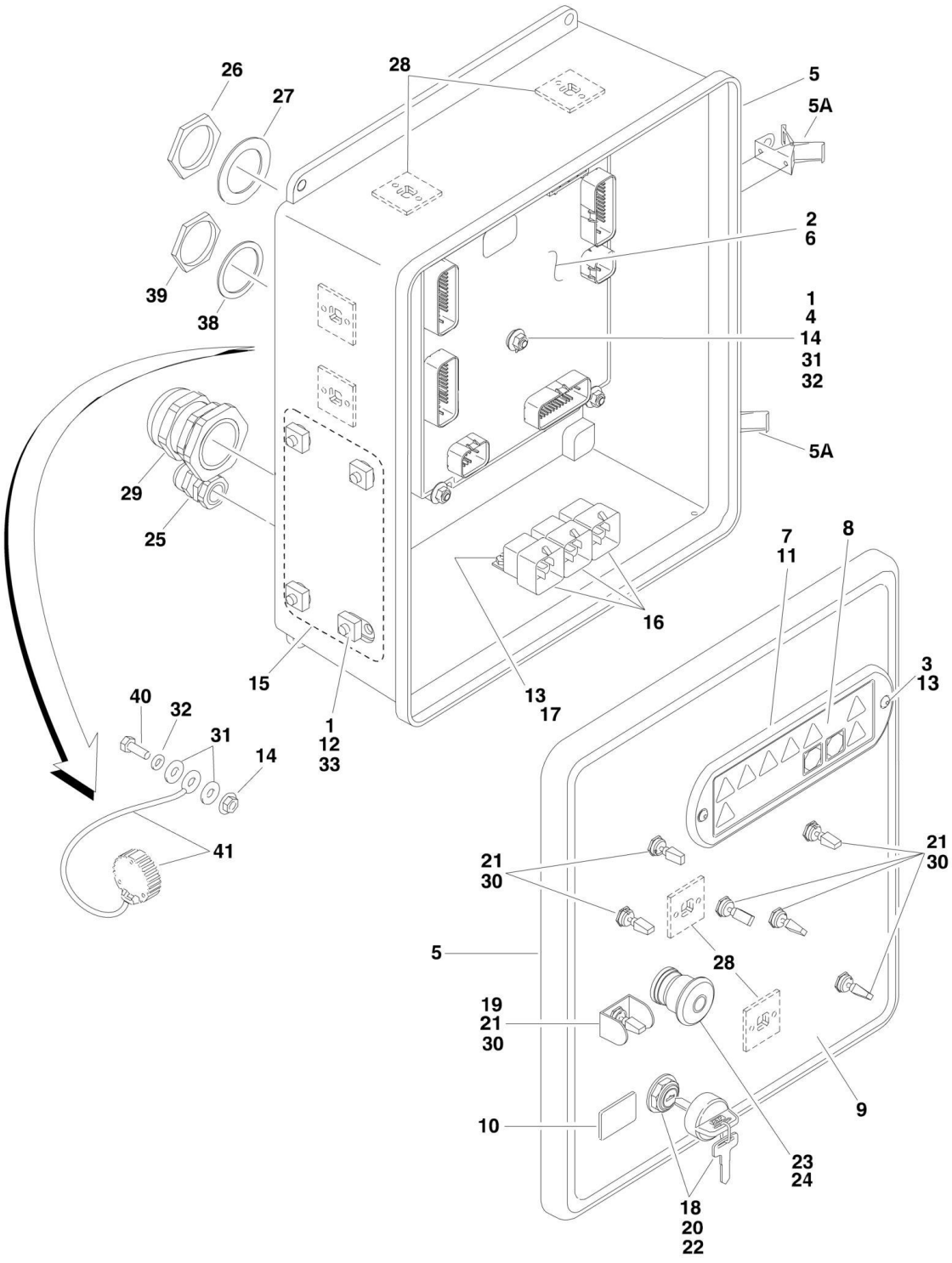
## FIGURE 2-13. ROTARY COUPLING INSTALLATION



## FIGURE 2-13. ROTARY COUPLING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001107531 | Ref | **ROTARY COUPLING INSTALLATION** | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641611 | 2 | Bolt 3/8in-16NC x 1-3/8in | |
| 3 | 0641812 | 1 | Bolt 1/2in-13NC x 1-1/2in | |
| 4 | 0641820 | 2 | Bolt 1/2in-13NC x 2-1/2in | |
| 5 | 0903242 | 1 | Bracket | |
| 7 | 3271805 | 2 | Locknut 1/2in-13NC | |
| 8 | 4751800 | 5 | Flatwasher 1/2in Regular | |
| 9 | 4891600 | 2 | Flatwasher 3/8in Hardened | |
| 10 | 3322201 | 2 | Locknut 3/4in x 16NF | |
| 11 | 1001106974 | 1 | Coupling, Rotary (See Items 101-128 for Breakdown) | |
| | 1001106974 | Ref | **ROTARY COUPLING ASSEMBLY** | B |
| 101 | See Note | NSS | Body (Note: Use Item 11) | |
| 102 | See Note | NSS | Seal, Poly (Note: Use Item 200) | |
| 103 | See Note | NSS | O-Ring/Seal (Note: Use Item 200) | |
| 104 | See Note | NSS | Housing (Note: Use Item 11) | |
| 105 | See Note | NSS | Seal, Cap (Note: Use Item 200) | |
| 106 | See Note | NSS | O-Ring (Note: Use Item 200) | |
| 107 | 7026503 | 2 | Ring, Thrust | |
| 108 | 7026504 | 2 | Ring, Retaining | |
| 109 | 80934561 | 2 | Plug | |
| 110 | See Note | NSS | Lug, Torque (Note: Use Item 11) | |
| 112 | 7026197 | 4 | Capscrew | |
| 113 | See Note | NSS | O-Ring (Note: Use Item 200) | |
| 114 | See Note | NSS | O-Ring (Note: Use Item 200) | |
| 115 | See Note | NSS | Bearing (Note: Use Item 200) | |
| 116 | 7024404 | 1 | Block Valve Assembly | |
| 117 | 7026505 | 1 | Plug | |
| 118 | 7026506 | 1 | Valve, Check | |
| 119 | 7026507 | 1 | Plug | |
| 120 | 7024404 | 1 | Plunger, Valve (Note: Not Available for Purchase) | |
| 121 | 7026509 | 1 | Spring | |
| 122 | See Note | NSS | Seal, Oil (Note: Use Item 200) | |
| 123 | 70003454 | 1 | Bracket, Switch Mounting | |
| 124 | 4711000 | 4 | Flatwasher #10 Thin | |
| 125 | See Note | NSS | Locknut 1/4in-24NF (Note: Not Available for Purchase) | |
| 126 | See Note | NSS | Capscrew 1/4in-24NF (Note: Not Available for Purchase) | |
| 127 | 4360517 | 1 | Switch, Proximity | |
| 128 | See Note | NSS | Protective Netting (Not Shown) (Note: Not Available for Purchase) | |
| 200 | 70001248 | Ref | Seal Kit (Includes Items 102, 103, 105, 106, 113, 114, 115 & 122) | |

## FIGURE 2-14. GROUND CONTROL BOX ASSEMBLY



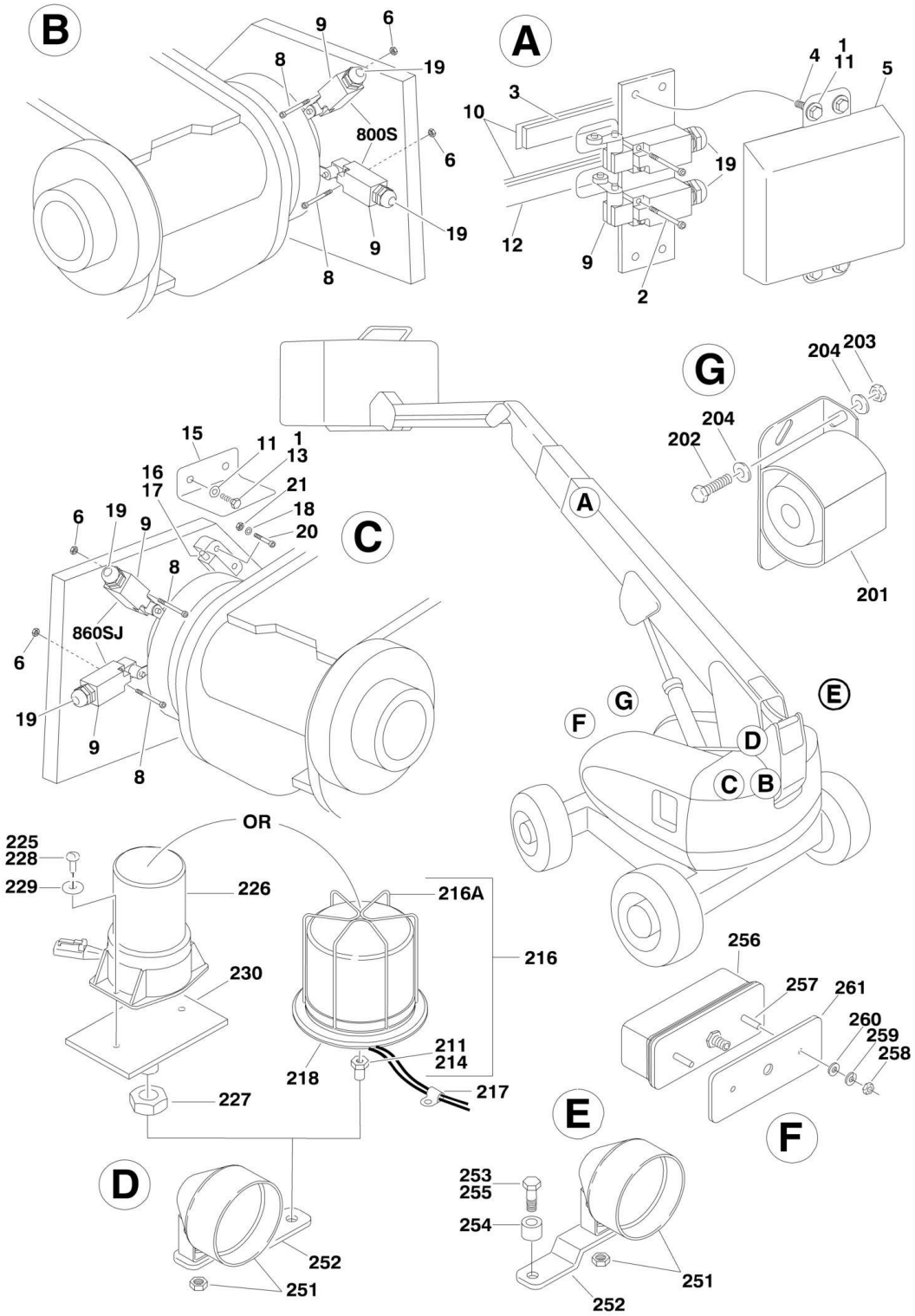
## FIGURE 2-14. GROUND CONTROL BOX ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **GROUND CONTROL BOX ASSEMBLIES** | |
| | | Ref | **USA Built Machines (SN 0300140000 through 0300149139)** | |
| | | Ref | **China Built Machines (SN B300000100 through B300000309)** | |
| | | Ref | **Ground Control Box Assemblies 800S with Caterpillar Engine** | |
| | 1001110333 | Ref | **All Specs except Australian and CE Specs** | A |
| | 1001110335 | Ref | **Australian and CE Specs Only** | A |
| | | Ref | **Ground Control Box Assemblies 860SJ with Caterpillar Engine** | |
| | 1001110334 | Ref | **All Specs except Australian and CE Specs** | A |
| | 1001110336 | Ref | **Australian and CE Specs Only** | A |
| | | Ref | **Ground Control Box Assemblies 800S with Deutz Engine** | |
| | 1001110329 | Ref | **All Specs except Australian and CE Specs** | B |
| | 1001110331 | Ref | **Australian and CE Specs Only** | B |
| | | Ref | **Ground Control Box Assemblies 860SJ with Deutz Engine** | |
| | 1001110330 | Ref | **All Specs except Australian and CE Specs** | B |
| | 1001110332 | Ref | **Australian and CE Specs Only** | B |
| | 1001110327 | Ref | **Ground Control Box Assemblies 800S with GM Engine (All Specs except Australian and CE Specs)** | A |
| | 1001110328 | Ref | **Ground Control Box Assemblies 860SJ with GM Engine (All Specs except Australian and CE Specs)** | A |
| | | Ref | **USA Built Machines (SN 0300149140 through 0300182743)** | |
| | | Ref | **China Built Machines (SN B300000310 through B300001091)** | |
| | | Ref | **Ground Control Box Assemblies 800S with Caterpillar Engine** | |
| | 1001110333 | Ref | **All Specs except CE Specs** | A |
| | 1001110335 | Ref | **CE Specs Only** | A |
| | | Ref | **Ground Control Box Assemblies 860SJ with Caterpillar Engine** | |
| | 1001110334 | Ref | **All Specs except CE Specs** | A |
| | 1001110336 | Ref | **CE Specs Only** | A |
| | | Ref | **Ground Control Box Assemblies 800S with Deutz Engine** | |
| | 1001110329 | Ref | **All Specs except CE Specs** | B |
| | 1001110331 | Ref | **CE Specs Only** | B |
| | | Ref | **Ground Control Box Assemblies 860SJ with Deutz Engine** | |
| | 1001110330 | Ref | **All Specs except CE Specs** | B |
| | 1001110332 | Ref | **CE Specs Only** | B |
| | 1001110327 | Ref | **Ground Control Box Assemblies 800S with GM Engine (All Specs except Australian and CE Specs)** | A |
| | 1001110328 | Ref | **Ground Control Box Assemblies 860SJ with GM Engine (All Specs except Australian and CE Specs)** | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 3 | 0630518 | 2 | Capscrew, Button Head | |
| 4 | 0630548 | 5 | Bolt, 2-1/2in Tap | |
| 5 | 1001111017 | 1 | Box, Fiberglass | |
| 5A | 7020246 | 2 | Latch | |
| 6 | 1001103667 | 1 | Module, Ground Control (Note: Re-calibration Required when Replaced) | |
| 7 | 1670829 | 1 | Bezel | |
| 8 | 1706712 | 1 | Decal - Ground Control Display | |
| 9 | | Ref | Decal - Faceplate Options: | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 1001102601 | 1 | Decal - Faceplate 800S | |
| 9 | 1001102602 | 1 | Decal - Faceplate 860SJ | |
| 10 | 2420172 | 1 | Gauge, Hourmeter | |
| 11 | 2760105 | 1 | Housing, Display Light | |
| 12 | 3300205 | 4 | Nut, Retainer | |
| 13 | 3300408 | AR | Locknut, Plastic Insert | |
| 14 | 77143013 | 11 | Nut 1/4in-20NC | |
| 15 | 3539219 | 1 | Plate, Reinforcement | |
| 16 | 3740049 | Ref | Relay Options: | |
| 16 | 3740049 | 3 | Caterpillar Engine Machines | |
| 16 | 3740049 | 2 | Deutz and GM Engine Machines | |
| 17 | 3900268 | 3 | Screw, Flange #10 x 1/2in | |
| 18 | 3910804 | 6 | Screw #8-32NC x 1/4in | |
| 19 | 4060906 | 1 | Shield, Toggle Switch | |
| 20 | 4070987 | 1 | Shim (.015in) | |
| 21 | 4360328 | Ref | Switch, Toggle | |
| 21 | 4360328 | 6 | Switch, Toggle 800S | |
| 21 | 4360328 | 7 | Switch, Toggle 860SJ | |
| 22 | | Ref | Switch, Key Options: | |
| 22 | 4360469 | 1 | All Specs except CE Specs | |
| 22 | 4360470 | 1 | CE Specs Only | |
| 22 | | Ref | Australian Specs Only | |
| 22 | 4360470 | 1 | USA Built Machines **(SN 0300140000 through 0300149139)** | |
| 22 | 4360470 | 1 | China Built Machines **(SN B300000100 through B300000309)** | |
| 22 | 4360469 | 1 | USA Built Machines **(SN 0300149140 through 0300182743)** | |
| 22 | 4360469 | 1 | China Built Machines **(SN B300000310 through B300001091)** | |
| 22 | 2860030 | 1 | Key Replacement | |
| 23 | 4360475 | 1 | Switch, Emergency Stop | |
| 23 | 7020175 | 1 | Cap, Mushroom | |
| 23 | 7020176 | 1 | Block, Contact | |
| 24 | 4360476 | 1 | Switch, Contact Block | |
| 25 | 4460426 | 1 | Connector, Strain Relief | |
| 26 | 4460470 | 1 | Nut, Terminal | |
| 27 | 4460471 | 1 | Lockwasher, Terminal | |
| 28 | 4460488 | 6 | Mounting Base, Terminal | |
| 29 | 4460526 | 1 | Connector, Strain Relief | |
| 30 | 4740444 | 6 | Washer, Special | |
| 31 | 4751400 | 12 | Flatwasher 1/4in Regular | |
| 32 | 4761400 | 6 | Lockwasher 1/4in | |
| 33 | 0641506 | 4 | Bolt 5/16in-18NC x 3/4in | |
| 34 | 4922594 | 1 | Harness, Valve (Not Shown - See ELECTRICAL SECTION for Breakdown) | |
| 35 | | Ref | Harness, Engine Options (Not Shown - See ELECTRICAL SECTION for Breakdown): | |
| 35 | 1001110341 | 1 | Caterpillar Engine Machines | |
| 35 | 1001110340 | 1 | Deutz Engine Machines | |
| 35 | 1001110338 | 1 | GM Engine Machines | |
| 36 | 1001110339 | 1 | Harness, Ground Control Box (Not Shown - See ELECTRICAL SECTION for Breakdown) | |
| 37 | | Ref | Ground Control Box Wiring Diagram (Not Shown - See ELECTRICAL SECTION for Breakdown) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 37 | 1001110344 | 1 | Caterpillar Engine Machines | |
| 37 | 1001110343 | 1 | Deutz Engine Machines | |
| 37 | 1001110342 | 1 | GM Engine Machines | |
| 38 | 4460496 | 1 | Lockwasher, Terminal | |
| 39 | 4460497 | 1 | Nut, Terminal | |
| 40 | 0641407 | 1 | Bolt 1/4in-20NC x 7/8in | |
| 41 | 1001106736 | 1 | Cap, Dust | |

## FIGURE 2-15. LIMIT SWITCHES, LIGHTS AND ALARM INSTALLATIONS



## FIGURE 2-15. LIMIT SWITCHES, LIGHTS AND ALARM INSTALLATIONS

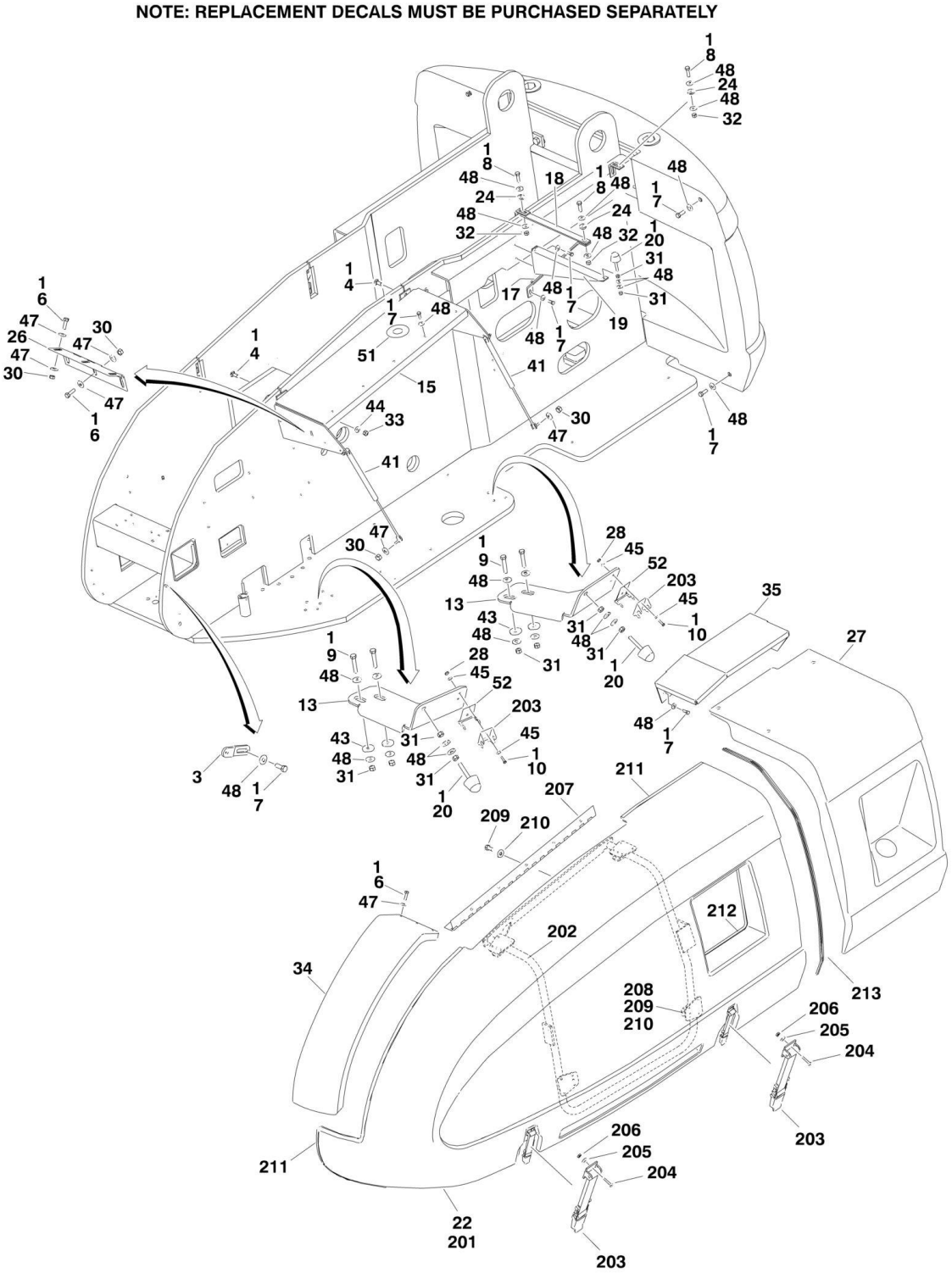
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **ELECTRICAL OPTIONS INSTALLATIONS (TURNTABLE MOUNTED)** | |
| | | Ref | **LIMIT SWITCHES INSTALLATION** | |
| | 0271360 | Ref | **Limit Switches Installation 800S (All Specs except Australian and CE Specs)** | J |
| | 1001091187 | Ref | **Limit Switches Installation 800S (Australian and CE Specs Only)** | D |
| | 0271362 | Ref | **Limit Switches Installation 860SJ (All Specs except Australian and CE Specs)** | J |
| | 1001091188 | Ref | **Limit Switches Installation 860SJ (Australian and CE Specs Only)** | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 1001106480 | AR | Bar, Fiberglass (Top) | |
| 3 | | Ref | All Specs except Australian and CE Specs | |
| 3 | Not Required | 0 | Australian and CE Specs Only | |
| 4 | 0641403 | 4 | Bolt 1/4in-20NC x 3/8in | |
| 5 | 1671022 | 1 | Cover, Limit Switch | |
| 6 | 3310805 | AR | Locknut #8-32NC | |
| 7 | 3930816 | AR | Capscrew, Socket Head #8-32NC x 1in | |
| 8 | 3930828 | AR | Capscrew, Socket Head #8-32NC x 1-3/4in | |
| 9 | 4360578 | Ref | Switch, Limit Options: (Note: P/N 4360578 does not include #19 Connector - Purchase Separately) | |
| 9 | 4360578 | 4 | All Specs except Australian and CE Specs | |
| 9 | 4360578 | 2 | Australian and CE Specs Only | |
| 10 | 4420060 | Ref | Tape, Double Sided Options: | |
| 10 | 4420060 | 31.2 ft /9.5m | All Specs except Australian and CE Specs | |
| 10 | 4420060 | 12.3 ft /3.8m | Australian and CE Specs Only | |
| 11 | 4751400 | 6 | Flatwasher 1/4in Regular | |
| 12 | 1001106449 | 1 | Bar, Fiberglass (Bottom) | |
| 13 | 0641406 | 2 | Bolt 1/4in-20NC x 3/4in | |
| 15 | 1671059 | 1 | Cover, Proximity Switch | |
| 16 | 4071043 | 1 | Shim | |
| 17 | 4360517 | 1 | Switch, Proximity | |
| 18 | 1001097942 | 4 | Flatwasher #8 | |
| 19 | 4460968 | Ref | Connector, Strain Relief Options: | |
| 19 | 4460968 | 4 | All Specs except Australian and CE Specs | |
| 19 | 4460968 | 2 | Australian and CE Specs Only | |
| 20 | 1001097939 | 2 | Capscrew, Socket Head #8-32NC x 1-3/4in | |
| 21 | 1001097945 | 2 | Locknut #8-32NC | |
| | 0271999 | Ref | **ALARM INSTALLATION** | 1 |
| 201 | 0257887 | 1 | Alarm/Harness Assembly | |
| 201 | 0140032 | 1 | Alarm | |
| 201 | 2820035 | 6 in/15cm | Loom | |
| 201 | 4460424 | 1 | Plug | |
| 201 | 4460268 | 2 | Socket | |
| 202 | 0641410 | 2 | Bolt 1/4in-20NC x 1-1/4in | |
| 203 | 3311405 | 2 | Locknut 1/4in-20NC | |
| 204 | 4711400 | 4 | Flatwasher 1/4in Thin | |

# SECTION 2 - TURNTABLE

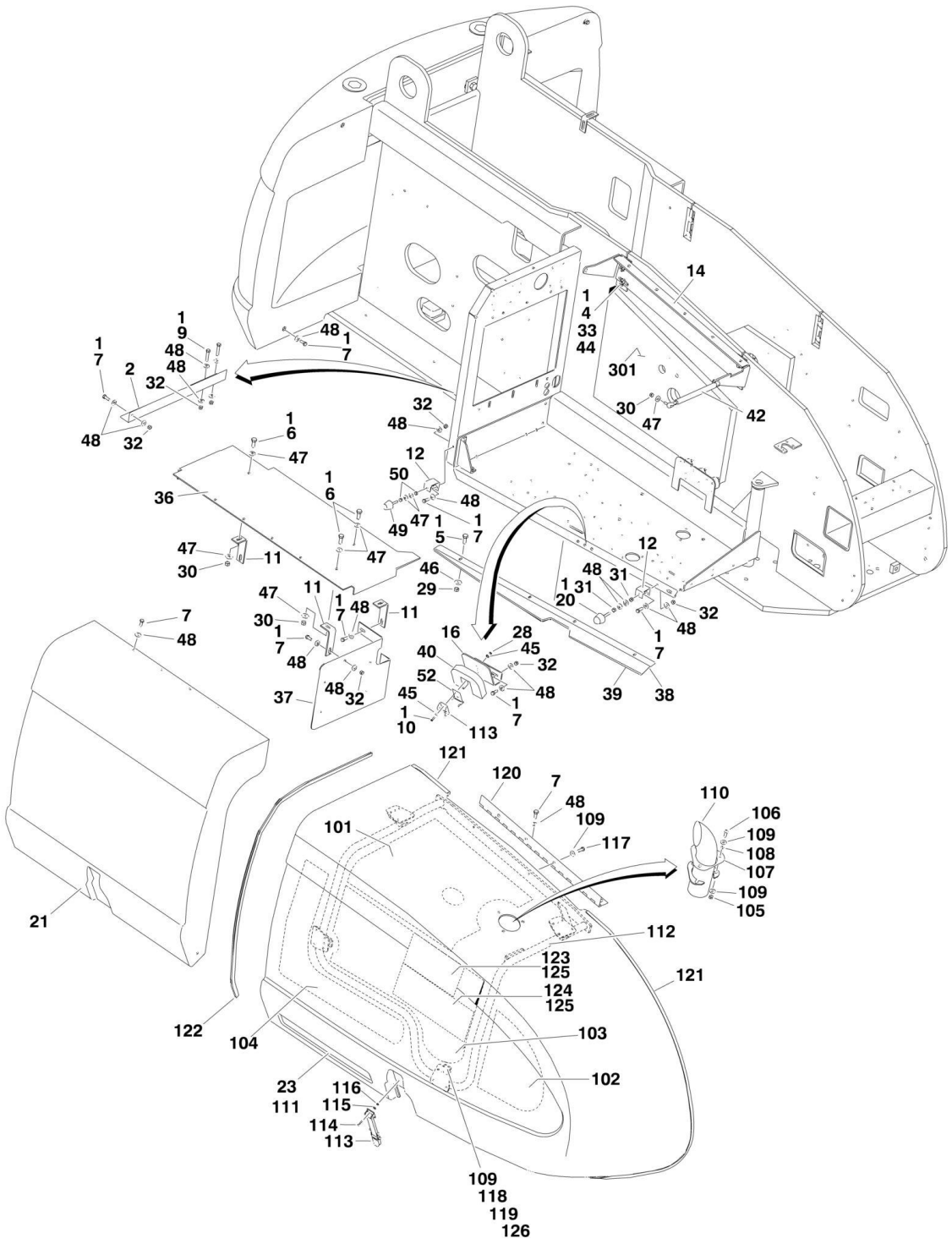
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270805 | Ref | **STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (USA BUILT MACHINES) (SN 0300140000 through 0300171627)** | C |
| | 0270805 | Ref | **STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (CHINA BUILT MACHINES) (SN B300000100 through B300000766)** | C |
| | | Ref | **Note: If machine is equipped with BLUE Strobe Light, See SPECIAL OPTIONS SECTION SkyGuard Kit.** | |
| 211 | | Ref | Adapter Options: | |
| 211 | 0630491 | 1 | Adapter used with ECCO Model 6640 | |
| 211 | 0080241 | 1 | Adapter used with ECCO Model 6650 | |
| 214 | 0100011 | AR | Compound, Locking | |
| 215 | 4240032 | 1 | Wire-Tie (Not Shown) | |
| 216 | 0272507 | 1 | Strobe Light/Guard/Harness Assembly (Includes Items 211 & 216A) | |
| 216 | | Ref | Bulb, Replacement | |
| 216 | 7016380 | 1 | Bulb for ECCO Model 6640 | |
| 216 | 70001941 | 1 | Bulb for ECCO Model 6650 | |
| 216A | | Ref | Guard Options: | |
| 216A | 4060907 | 1 | Guard used with ECCO Model 6640 | |
| 216A | 2920215 | 1 | Guard used with ECCO Model 6650 | |
| 217 | 4460234 | 1 | Clamp | |
| 218 | 0100048 | AR | Sealant, Silicone | |
| | 1001150406 | Ref | **STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (USA BUILT MACHINES) (SN 0300171628 through 0300182743)** | A |
| | 1001150406 | Ref | **STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (CHINA BUILT MACHINES) (SN B300000767 to Present)** | A |
| | | Ref | **Note: If machine is equipped with BLUE Strobe Light, See SPECIAL OPTIONS SECTION SkyGuard Kit.** | |
| 225 | 0100035 | AR | Compound, Locking | |
| 226 | 2920161 | 1 | Strobe Light/Harness Assembly | |
| 226 | 7016319 | 1 | Bulb | |
| 226 | 7016372 | 1 | Lens | |
| 227 | 3312602 | 1 | Nut, Jam 1in-8NC | |
| 228 | 3900085 | 2 | Screw #10-32 x 1/2in | |
| 229 | 4751000 | 2 | Flatwasher 1/4in Thin | |
| 230 | 1001149994 | 1 | Mount Strobe | |
| | | Ref | **LIGHTS INSTALLATIONS (OPTIONAL)** | |
| | 0271552 | Ref | **Headlights and Taillights** | C |
| | 0272057 | Ref | **Floodlights (Not Shown)** | B |
| 251 | | Ref | Light Options: | |
| 251 | 2920110 | 2 | Headlight | |
| 251 | 2920157 | 2 | Floodlight (Not Shown) | |
| 252 | 0902206 | 2 | Bracket, Mounting | |
| 253 | 0642612 | 1 | Bolt 1in-8NC x 1-1/2in | |
| 254 | 4220162 | 2 | Spacer | |
| 255 | 0100011 | AR | Compound, Locking | |
| 256 | | Ref | Light Options: | |
| 256 | 2920113 | 2 | Taillight | |
| 256 | 2920157 | 2 | Floodlight (Not Shown) | |
| 257 | 3911040 | 4 | Screw, Machine #10-24NC x 2-1/2in (0271552 Installation Only) | |
| 258 | 3311005 | 4 | Nut #10-24NC (0271552 Installation Only) | |
| 259 | 4751000 | 4 | Flatwasher #10 Regular (0271552 Installation Only) | |
| 260 | 4740362 | 4 | Washer, Fender (0271552 Installation Only) | |
| 261 | 3960461 | 2 | Gasket (0271552 Installation Only) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 263 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 264 | 4460234 | AR | Mount, Tie-Strap (Not Shown) | |
| 265 | | Ref | Switch Options (Not Shown - Located on Console): | |
| 265 | 4360336 | 1 | Switch, Toggle | |
| 265 | 4360522 | 1 | Switch, Push Button | |
| 266 | 3790012 | 1 | O-Ring (Used with Toggle Switch) (Not Shown - Located on Console) | |
| 267 | 3820001 | 11 | Rivet, Pop (Not Shown) | |
| 268 | 1705170 | 1 | Decal - Lights (Used with Push Button Switch) (Not Shown - Located on Console) | |

## FIGURE 2-16. HOODS INSTALLATION (ABS)



NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY.



## FIGURE 2-16. HOODS INSTALLATION (ABS)

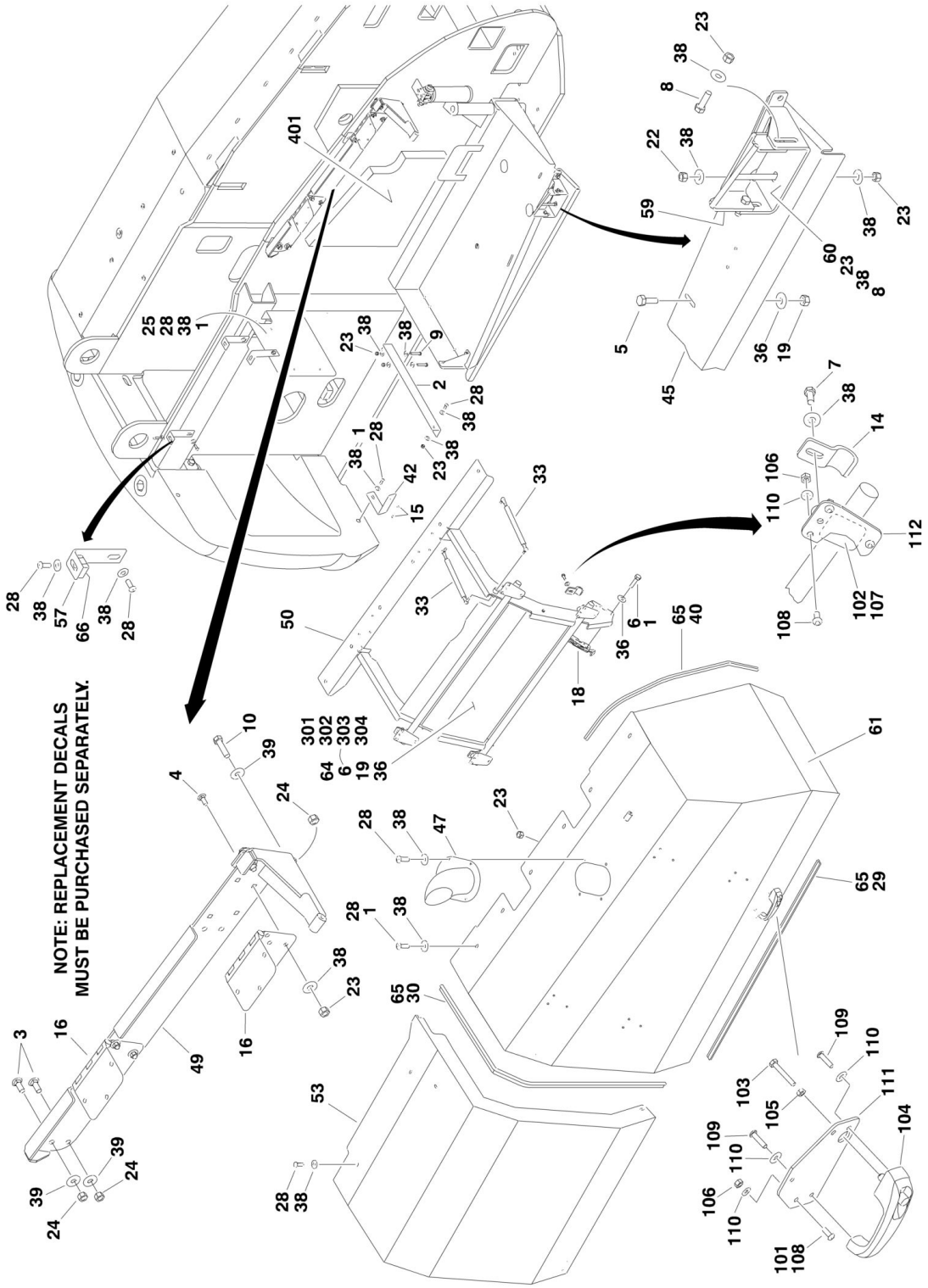
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **HOODS INSTALLATIONS** | |
| | 0274762 | Ref | **CATERPILLAR ENGINES** | E |
| | 1001100386 | Ref | **DEUTZ ENGINES** | A |
| | 0275547 | Ref | **GM ENGINES (USA Built Machines) (SN 0300140000 through 0300143045 Only)** | E |
| | 0275547 | Ref | **GM ENGINES (China Built Machines) (SN B300000100 through B300000135 Only)** | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0182077 | 1 | Angle, Hood Support | |
| 3 | 0362770 | 1 | Bar, Panel Mounting | |
| 4 | 0630507 | 8 | Bolt, Carriage 1/2in-13NC x 1-1/4in | |
| 5 | 0641406 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 6 | 0641508 | 9 | Bolt 5/16in-18NC x 1in | |
| 7 | 0641608 | 33 | Bolt 3/8in-16NC x 1in | |
| 8 | 0641610 | 3 | Bolt 3/8in-16NC x 1-1/4in | |
| 9 | 0641616 | 6 | Bolt 3/8in-16NC x 2in | |
| 10 | 0721006 | 6 | Screw #10-24NC x 3/4in | |
| 11 | 0901921 | 3 | Bracket, Hood Mounting | |
| 12 | 0902219 | 2 | Bracket, Bumper | |
| 13 | 0902223 | 2 | Bracket, Latch | |
| 14 | 0902351 | 1 | Bracket, Hood Mounting | |
| 15 | 0902412 | 1 | Bracket, Hood Mounting | |
| 16 | 0902491 | 1 | Bracket, Latch | |
| 17 | 0902673 | 1 | Bracket, Support (Front Cover) | |
| 18 | 0902674 | 1 | Bracket, Support (Front Cover) | |
| 19 | 0902769 | 1 | Bracket, Bumper Support | |
| 20 | 0940071 | 4 | Bumper | |
| 21 | 1671201 | 1 | Cover | |
| 22 | 1671228 | 1 | Hood Assembly (See Items 201-213 for Breakdown) | |
| 23 | | Ref | Hood Assembly (See Items 101-126 for Breakdown) | |
| 23 | 1671248 | 1 | Caterpillar Engines | |
| 23 | 1001099138 | 1 | Deutz Engines | |
| 23 | 1001117045 | 1 | GM Engines | |
| 24 | 2540035 | 3 | Grommet | |
| 26 | 2600244 | 1 | Hinge, Adapter Panel | |
| 27 | 2680490 | 1 | Hood, Right Cover | |
| 28 | 3311005 | 6 | Locknut #10-24NC | |
| 29 | 3311405 | 4 | Locknut 1/4in-20NC | |
| 30 | 3311505 | 12 | Locknut 5/16in-18NC | |
| 31 | 3311601 | 8 | Nut 3/8inin-16NC | |
| 32 | 3311605 | 15 | Locknut 3/8in-16NC | |
| 33 | 3311805 | 8 | Locknut 1/2in-13NC | |
| 34 | 3380444 | 1 | Panel, Adapter | |
| 35 | 3380461 | 1 | Cover, Top (Tank Side) | |
| 36 | 3380575 | 1 | Panel, Cover | |
| 37 | 3380580 | 1 | Panel, Storage Box (Top) | |
| 38 | 3571712 | 1 | Plate, Seal | |
| 39 | 3960389 | 3.5 ft /1.1m | Seal | |
| 40 | 3960470 | 1 | Seal, Latch | |

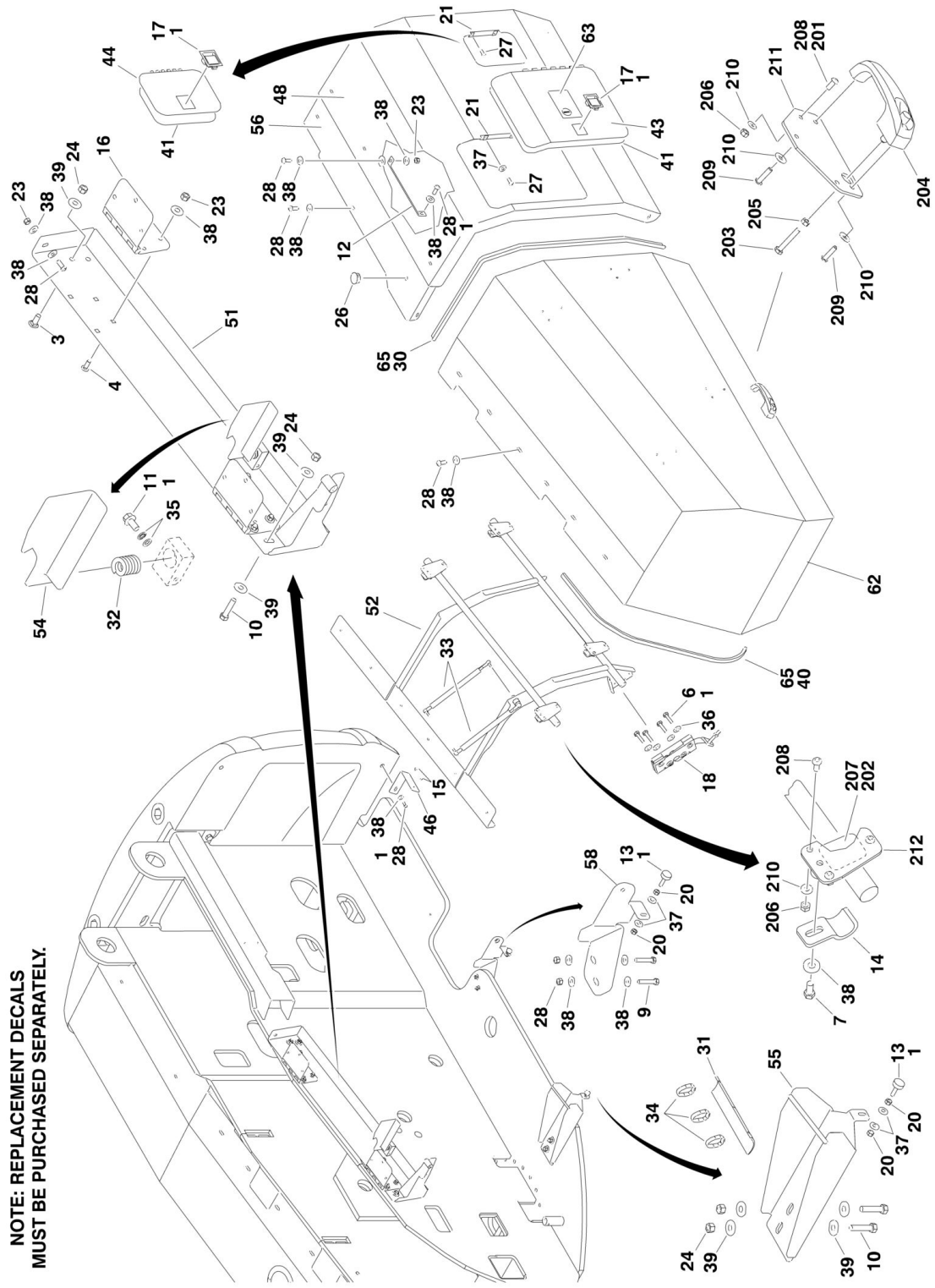
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 41 | 4160139 | 2 | Spring, Gas (Tank Side) | |
| 42 | 4160143 | 1 | Spring, Gas (Engine Side) | |
| 43 | 4740076 | 4 | Washer, Fender | |
| 44 | 4740171 | 8 | Washer, Hardened | |
| 45 | 4751000 | 12 | Flatwasher #10 Regular | |
| 46 | 4751400 | 4 | Flatwasher 1/4in Regular | |
| 47 | 4751500 | 23 | Flatwasher 5/16in Regular | |
| 48 | 4751600 | 67 | Flatwasher 3/8in Regular | |
| 49 | 0940088 | 1 | Bumper | |
| 50 | 3321501 | 2 | Nut 5/16in-24NF | |
| 51 | 1120601 | 1 | Plug, Cap | |
| 52 | 2940188 | 3 | Latch, Spring Clip | |
| | | Ref | **HOOD ASSEMBLIES (ENGINE SIDE)** | |
| | 1671248 | Ref | **Caterpillar Engines** | D |
| | 1001099138 | Ref | **Deutz Engines** | B |
| | 1001117045 | Ref | **GM Engines (USA Built Machines) (SN 0300140000 through 0300143045 Only)** | A |
| | 1001117045 | Ref | **GM Engines (China Built Machines) (SN B300000100 through B300000135 Only)** | A |
| 101 | | Ref | Insulation Options: | |
| 101 | 1001101391 | 1 | Caterpillar Engine Machines | |
| 101 | 1001101673 | 1 | Deutz Engine Machines | |
| 101 | 1001117139 | 1 | GM Engine | |
| 102 | 2820233 | 1 | Insulation, Rear Sound (Caterpillar/Deutz Engine Machines Only) | |
| 103 | | Ref | Insulation, Center Sound Options: | |
| 103 | 2820234 | 1 | Caterpillar/Deutz Engine Machines | |
| 103 | Not Required | 0 | GM Engine Machines | |
| 104 | 2820235 | 1 | Insulation, Rear Sound (Caterpillar/Deutz Engine Machines Only) | |
| 105 | 3311605 | AR | Locknut 3/8inx16NC | |
| 106 | 3900232 | AR | Screw, Button Head 3/8in-16NC x 1-1/4in | |
| 107 | | Ref | Shield, Heat Gasket Options: | |
| 107 | 1001101392 | 1 | Caterpillar Engine Machines | |
| 107 | 1001101623 | 1 | Deutz Engine Machines | |
| 107 | Not Required | 0 | GM Engine Machines | |
| 108 | 4740500 | AR | Washer (Special) | |
| 109 | 4751600 | AR | Flatwasher 3/8in Regular | |
| 110 | | Ref | Exhaust Tube Weldment Options: | |
| 110 | 4846588 | 1 | Caterpillar Engine Machines | |
| 110 | 1001099121 | 1 | Deutz Engine Machines | |
| 110 | 1001117040 | 1 | GM Engine Machines | |
| 111 | | Ref | Hood Kit Options: | |
| 111 | 1001097966 | 1 | Caterpillar Engine Machines (Includes Items 101, 102, 103, 104, 107 & 108) | |
| 111 | 1001099139 | 1 | Deutz Engine Machines (Must also purchase Items 101, 102, 103, 104, 107 & 108) | |
| 111 | 1001097964 | 1 | GM Engine Machines (Includes Items 108, 123, 124 & 125) | |
| | | Ref | **Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.** | |
| 112 | 1671230 | 1 | Frame, Tubular | |
| 113 | 2940088 | 1 | Latch | |
| 114 | 0721008 | 2 | Screw, Machine #10-24NC x 1in | |
| 115 | 4751000 | 2 | Flatwasher #10 Regular | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 116 | 3311005 | 2 | Locknut #10-24NC | |
| 117 | 0641608 | 6 | Bolt 3/8in-16NC x 1in | |
| 118 | 1321384 | 4 | Hold Down | |
| 119 | 0641606 | 4 | Bolt 3/8in-16NC x 3/4in | |
| 120 | 2600209 | 1 | Hinge | |
| 121 | 3960464 | 65 in /1.67m | Seal | |
| 122 | 3960462 | 61 in /1.55m | Seal | |
| 123 | See Note | 1 | Insulation, Heat (GM Engine Only) (Note: Use Item 101 - Cover complete inside of hood with insulation. Fasten with Item 125 Tape) | |
| 124 | See Note | 1 | Insulation, Heat (GM Engine Only) (Note: Use Item 101 - Cover complete inside of hood with insulation. Fasten with Item 125 Tape) | |
| 125 | 1001117140 | AR | Tape, Aluminized Polyester (GM Engine Only) | |
| 126 | 0100011 | AR | Compound, Locking (GM Engine Only) | |
| | 1671228 | Ref | **HOOD ASSEMBLY (TANK SIDE)** | A |
| | | Ref | **Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.** | |
| 201 | 1671231 | 1 | Hood | |
| 202 | 1671232 | 1 | Frame, Tubular | |
| 203 | 2940088 | 2 | Latch | |
| 204 | 0721008 | 4 | Screw, Machine #10-24NC x 1in | |
| 205 | 4751000 | 4 | Flatwasher #10 Regular | |
| 206 | 3311005 | 4 | Locknut #10-24NC | |
| 207 | 2600233 | 1 | Hinge | |
| 208 | 1321384 | 4 | Hold Down | |
| 209 | 0641606 | 9 | Bolt 3/8in-16NC x 3/4in | |
| 210 | 4711600 | 9 | Flatwasher 3/8in Thin | |
| 211 | 3960464 | 83 in /2.11m | Seal | |
| 212 | 3960438 | 55 in /1.4m | Seal | |
| 213 | 3960462 | 53 in /1.35m | Seal | |
| | 0272081 | Ref | **NOISE REDUCTION INSTALLATION (DEUTZ/CATERPILLAR ENGINE MACHINES) (OPTIONAL)** | 4 |
| 301 | 2820078 | 1 | Foam, Acoustical (Turntable Side) | |

## FIGURE 2-17. HOODS INSTALLATION (STEEL)




NOTE: REPLACEMENT DECALS
MUST BE PURCHASED SEPARATELY.

## FIGURE 2-17. HOODS INSTALLATION (STEEL)

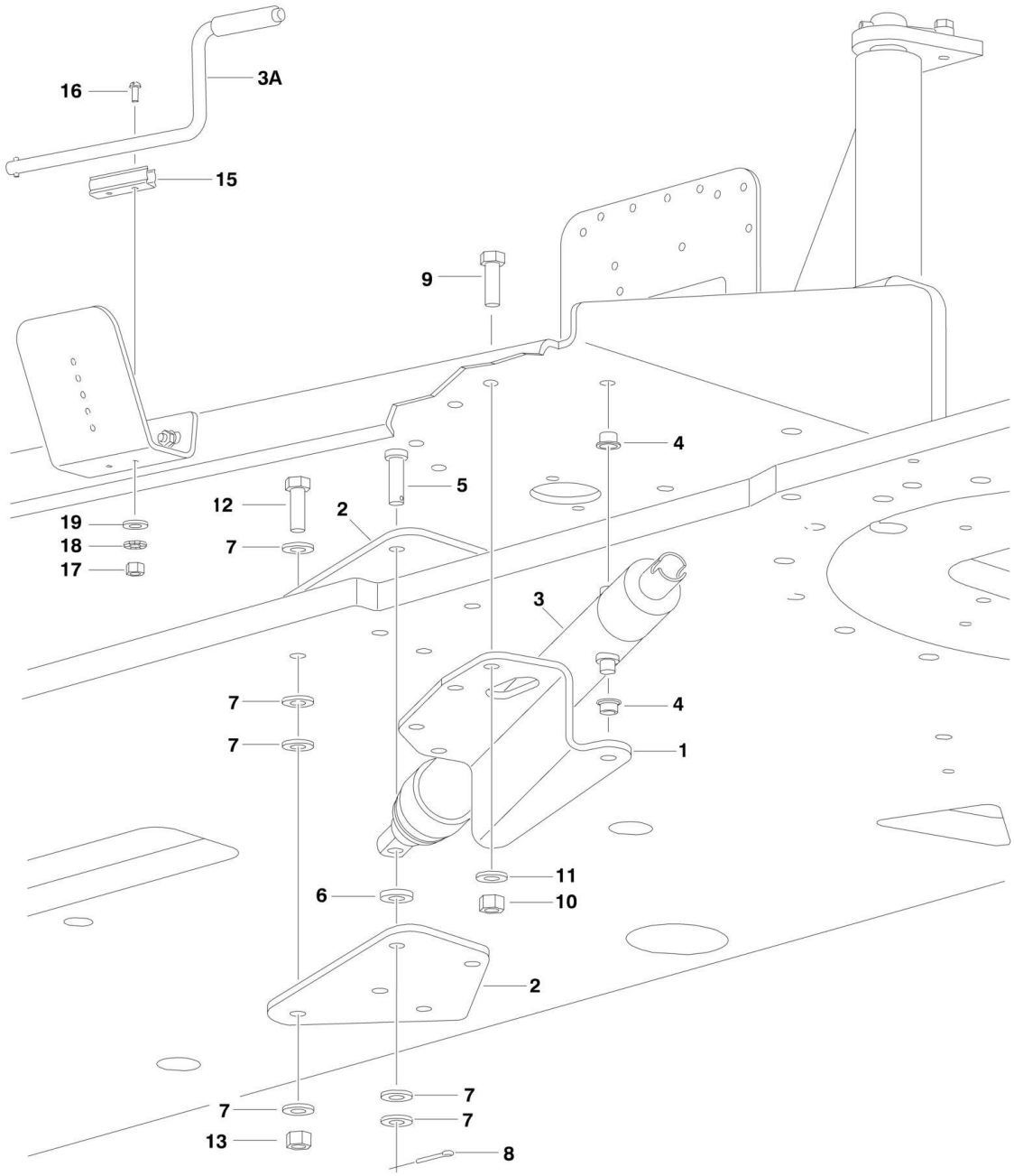
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **HOODS INSTALLATIONS** | |
| | 1001117138 | Ref | **HOODS INSTALLATIONS 800S WITH CATERPILLAR AND GM ENGINES** | E |
| | 1001125504 | Ref | **HOODS INSTALLATIONS 800S WITH CATERPILLAR (HOSTILE ENVIRONMENT MACHINES)** | B |
| | 1001116787 | Ref | **HOODS INSTALLATIONS 800S WITH DEUTZ ENGINES** | F |
| | 1001125503 | Ref | **HOODS INSTALLATIONS 800S WITH DEUTZ ENGINES (HOSTILE ENVIRONMENT MACHINES)** | B |
| | 1001118435 | Ref | **HOODS INSTALLATIONS 860SJ WITH CATERPILLAR AND GM ENGINES** | F |
| | 1001118434 | Ref | **HOODS INSTALLATIONS 860SJ WITH DEUTZ ENGINES** | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0182077 | 1 | Angle, Hood Support | |
| 3 | 0630507 | 8 | Bolt, Carriage 1/2in-13NC x 1-1/4in | |
| 4 | 0630485 | 16 | Bolt, Carriage 3/8in-16NC x 1in | |
| 5 | 0641406 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 6 | 0641408 | AR | Bolt 1/4in-20NC x 1in | |
| 7 | 0641607 | 8 | Bolt 3/8in-16NC x 7/8in | |
| 8 | 0641609 | 4 | Bolt 3/8in-16NC x 1-1/8in | |
| 9 | 0641616 | 4 | Bolt 3/8in-16NC x 2in | |
| 10 | 0641818 | 4 | Bolt 1/2in-13NC x 2-1/4in | |
| 11 | 0811606 | 1 | Screw 3/8in-16NC x 3/4in (800S Only) | |
| 12 | 0902673 | 1 | Bracket, Support (Front Cover) | |
| 13 | 0940049 | 2 | Stopper, Hood | |
| 14 | 1321384 | 8 | Clamp | |
| 15 | 2080040 | 4 | Fastener, Huck | |
| 16 | 2600280 | 4 | Hinge, Offset | |
| 17 | 2940045 | 2 | Latch, Paddle | |
| 18 | 2940173 | 2 | Latch, Rotary | |
| 19 | 3311405 | AR | Locknut 1/4in-20NC | |
| 20 | 3311501 | 4 | Nut 5/16in-18NC | |
| 21 | 3300364 | 5 | Nut 5/16in-18NC (Tinnerman) | |
| 22 | 3311601 | 1 | Nut 3/8in-16NC | |
| 23 | 3311605 | 46 | Locknut 3/8in-16NC | |
| 24 | 3311805 | 12 | Locknut 1/2in-13NC | |
| 25 | 3380580 | 1 | Panel, Storage Box (Top) | |
| 26 | 3520030 | 1 | Plug, Hole | |
| 27 | 3900210 | 5 | Screw 5/16in-18NC x 3/4in | |
| 28 | 3900316 | 48 | Screw 3/8in-16NC x 1in | |
| 29 | 3960389 | 4.5 ft /1.4m | Seal | |
| 30 | 3960462 | 9 ft/2.7m | Seal | |
| 31 | 4061032 | 1 | Shield | |
| 32 | 4160149 | 1 | Spring, Compression (800S Only) | |
| 33 | 4160194 | 4 | Spring, Gas | |
| 34 | 4240018 | 3 | Strap, Cable Tie | |
| 35 | 4740500 | 2 | Washer, Nylon Shoulder (800S Only) | |
| 36 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 37 | 4751500 | 7 | Flatwasher 5/16in Regular | |
| 38 | 4751600 | 93 | Flatwasher 3/8in Regular | |
| 39 | 4751800 | 16 | Flatwasher 1/2in Regular | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 40 | 1001110166 | 7 ft/2.1m | Seal | |
| 41 | 1001113047 | 7 ft/2.1m | Seal (Adhesive Back) | |
| 42 | 1001116280 | 1 | Bracket, Hood Support | |
| 43 | 1001116322 | 1 | Door | |
| 44 | | Ref | Door, Fuel Options: | |
| 44 | 1001116344 | 1 | Standard Machines | |
| 44 | 1001125501 | 1 | Hostile Environment Machines | |
| 45 | 1001116356 | 1 | Plate | |
| 46 | 1001116358 | 1 | Bracket, Hood Support | |
| 47 | | Ref | Pipe, Exhaust Options: | |
| 47 | 1001116457 | 1 | Caterpillar and GM Engines | |
| 47 | 1001116456 | 1 | Deutz Engines | |
| 48 | | Ref | Hood, Fixed Tank Side Options: | |
| 48 | 1001116558 | 1 | Standard Machines | |
| 48 | 1001125502 | 1 | Hostile Environment Machines | |
| | | Ref | **Note: Replacement Decals Must be purchased separately - See DECALS SECTION.** | |
| 49 | 1001116560 | 1 | Bracket, Hinge Support | |
| 50 | 1001116562 | 1 | Support, Substructure | |
| 51 | 1001116617 | 1 | Bracket, Hinge Support | |
| 52 | 1001116618 | 1 | Support, Substructure | |
| 53 | 1001116620 | 1 | Hood, Fixed Engine Side | |
| | | Ref | **Note: Replacement Decals Must be purchased separately - See DECALS SECTION.** | |
| 54 | 1001116668 | 1 | Plate, Hood Stop (800S Only) | |
| 55 | 1001116704 | 1 | Bracket, Striker | |
| 56 | 1001117027 | 1 | Bracket, Hood Support | |
| 57 | 1001117051 | 3 | Bracket, Hood Mounting | |
| 58 | 1001117054 | 1 | Bracket, Hood Support | |
| 59 | 1001117523 | 1 | Bracket, Striker | |
| 60 | 1001117525 | 1 | Bracket, Striker Mounting | |
| 61 | 1001118344 | 1 | Hood, Engine Side Assembly (See Items 101-112 for Breakdown) | |
| | | Ref | **Note: Replacement Decals Must be purchased separately - See DECALS SECTION.** | |
| 62 | 1001118345 | 1 | Hood, Tank Side Assembly (See Items 201-212 for Breakdown) | |
| | | Ref | **Note: Replacement Decals Must be purchased separately - See DECALS SECTION.** | |
| 63 | 1001117307 | 1 | Decal - Emergency Stop | |
| 64 | 1001120508 | 1 | Shield, Heat (Deutz Engine Only) | |
| 65 | 0100081 | AR | Adhesive (USA Built Machines) **(SN 0300144798 through 0300182743)** | |
| 65 | 0100081 | AR | Adhesive (China Built Machines) **(SN B300000215 through B300001091)** | |
| 66 | 1001126828 | 5 | Nut 3/8in-16NC (Tinnerman) (USA Built Machines) **(SN 0300144798 through 0300182743)** | |
| 66 | 1001126828 | 5 | Nut 3/8in-16NC (Tinnerman) (China Built Machines) **(SN B300000215 through B300001091)** | |
| | 1001118344 | Ref | **HOOD ASSEMBLIES (ENGINE SIDE)** | G |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0100081 | AR | Adhesive | |
| 103 | 0700616 | 1 | Bolt M6 x 40mm | |
| 104 | 2560187 | 1 | Handle, Push Button | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 105 | 3290601 | 1 | Nut M6 | |
| 106 | 3311505 | 15 | Locknut 5/16in-18NC | |
| 107 | 3340877 | 4 | Pad | |
| 108 | 3900210 | 15 | Screw, Button Head 5/16in-18NC x 3/4in | |
| 109 | 3900363 | 2 | Screw, Button Head M6 x 25mm | |
| 110 | 4711500 | 17 | Flatwasher 5/16in Thin | |
| 111 | 1001116290 | 1 | Plate, Latch Mounting | |
| 112 | 1001116292 | 4 | Mount, Clamp | |
| | 1001118345 | Ref | **HOOD ASSEMBLIES (TANK SIDE)** | G |
| 201 | 0100011 | AR | Compound, Locking | |
| 202 | 0100081 | AR | Adhesive | |
| 203 | 0700616 | 1 | Bolt M6 x 40mm | |
| 204 | 2560187 | 1 | Handle, Push Button | |
| 205 | 3290601 | 1 | Nut M6 | |
| 206 | 3311505 | 15 | Locknut 5/16in-18NC | |
| 207 | 3340877 | 4 | Pad | |
| 208 | 3900210 | 15 | Screw, Button Head 5/16in-18NC x 3/4in | |
| 209 | 3900363 | 2 | Screw, Button Head M6 x 25mm | |
| 210 | 4711500 | 17 | Flatwasher 5/16in Thin | |
| 211 | 1001116290 | 1 | Plate, Latch Mounting | |
| 212 | 1001116292 | 4 | Mount, Clamp | |
| | 1001114633 | Ref | **HEAT SHIELD INSTALLATION (GM ENGINE MACHINES)** | D |
| 301 | 3311405 | 3 | Locknut 1/4in-20NC | |
| 302 | 4751400 | 3 | Flatwasher 1/4in Regular | |
| 303 | 0641408 | 3 | Bolt 1/4in-20NC x 1in | |
| 304 | 1001120508 | 1 | Shield, Heat | |
| | 0272081 | Ref | **NOISE REDUCTION INSTALLATION (DEUTZ/CATERPILLAR ENGINE MACHINES) (OPTIONAL)** | 4 |
| 401 | 2820078 | 1 | Foam, Acoustical (Turntable Side) | |

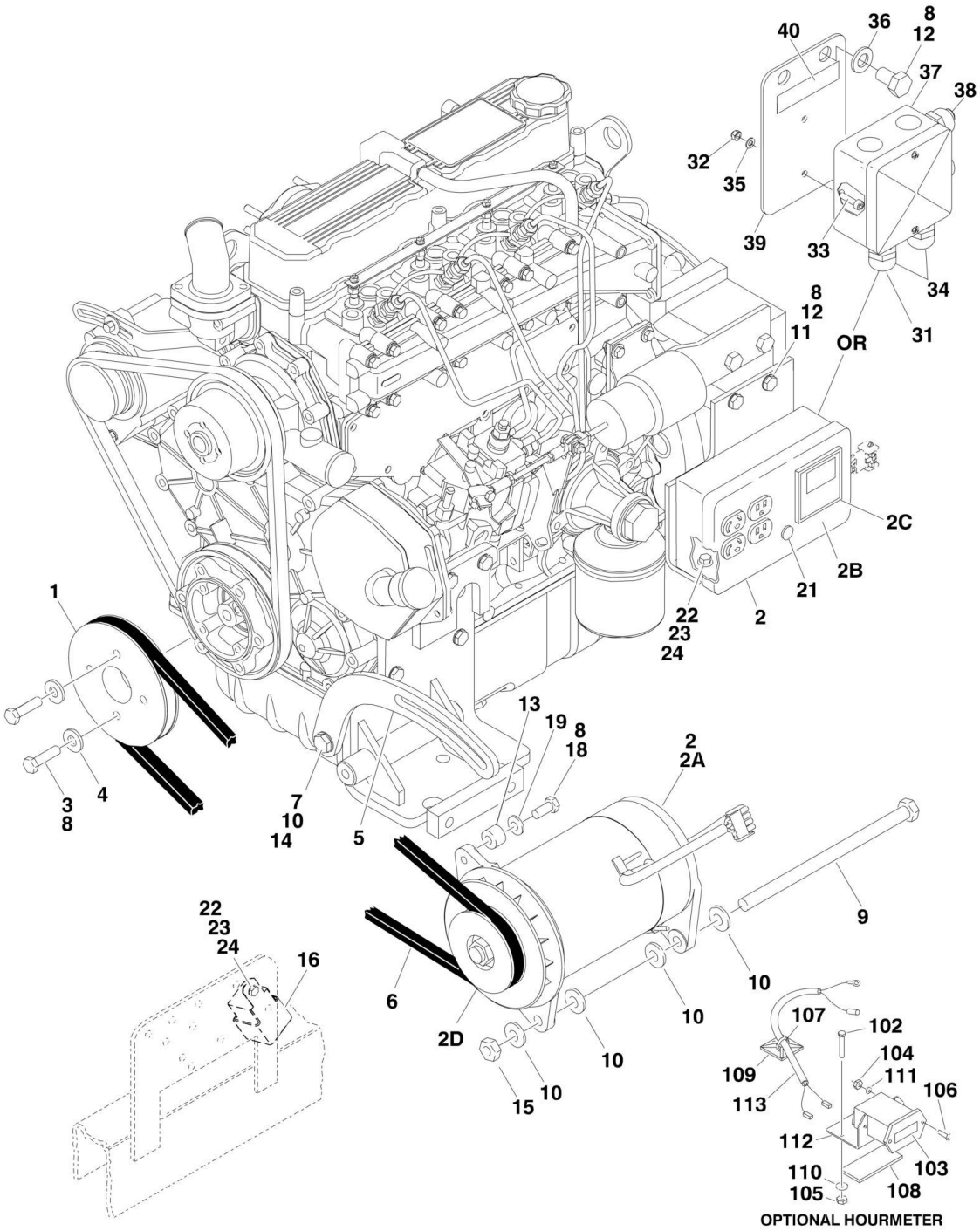
## FIGURE 2-18. ENGINE TRAY JACK INSTALLATION (OPTIONAL)



## FIGURE 2-18. ENGINE TRAY JACK INSTALLATION (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258728 | Ref | **ENGINE TRAY JACK INSTALLATION** | 2-C |
| 1 | 3537445 | 1 | Bracket | |
| 2 | 3537446 | 2 | Bracket | |
| 3 | 2840016 | 1 | Jack and Handle Assembly | F |
| 3A | 7024598 | 1 | Handle | |
| 4 | 0962051 | 2 | Bearing, Flange | |
| 5 | 3430816 | 1 | Pin, Clevis | |
| 6 | 4891800 | 1 | Flatwasher 1/2in Hardened | |
| 7 | 4711800 | 6 | Flatwasher 1/2in Thin | |
| 8 | 3450404 | 1 | Pin, Cotter 1/8in x 1in | |
| 9 | 0641609 | 4 | Bolt 3/8in-16NC x 1-1/8in | |
| 10 | 3311605 | 4 | Locknut 3/8in-16NC | |
| 11 | 4891600 | 4 | Flatwasher 3/8in Hardened | |
| 12 | 0641818 | 4 | Bolt 1/2in-13NC x 2-1/4in | |
| 13 | 3311805 | 4 | Locknut 1/2in-13NC | |
| 15 | 1380147 | 1 | Clip, Spring | |
| 16 | 3910608 | 2 | Screw, Round Head #6-32NC x 1in | |
| 17 | 3310601 | 2 | Nut #6-32NC | |
| 18 | 4770600 | 2 | Starwasher #6 | |
| 19 | 4740119 | 2 | Washer, Aluminum | |

## FIGURE 2-19. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)



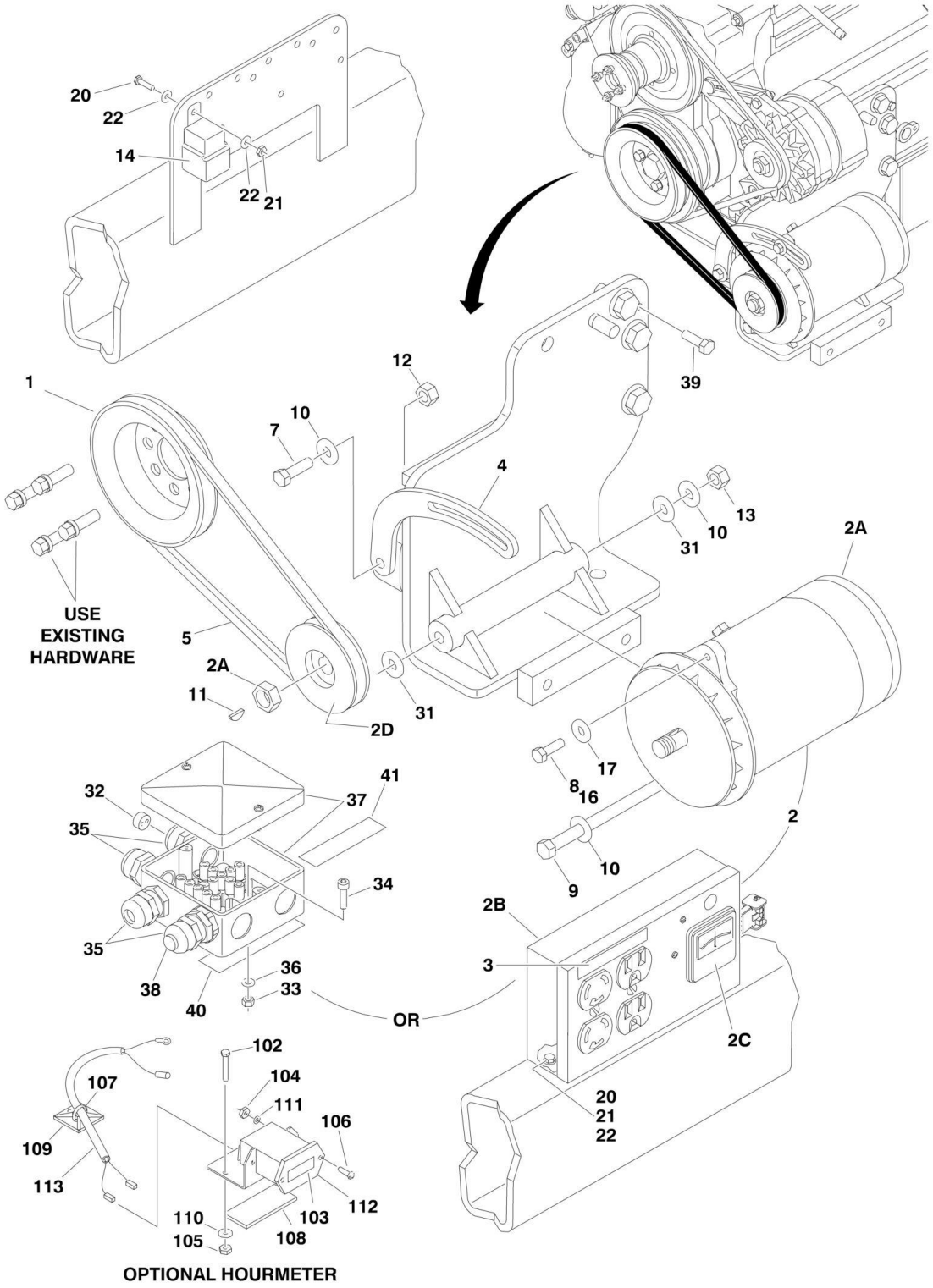
## FIGURE 2-19. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **GENERATOR INSTALLATION OPTIONS:** | |
| | 1001115404 | Ref | **ANSI Specs - 110V/60Hz** | A |
| | 1001115413 | Ref | **ANSI Export and CE Specs - 110V/50Hz** | A |
| | 1001115414 | Ref | **ANSI Export, Australian and CE Specs - 220V/50Hz** | A |
| 1 | 3580322 | 1 | Pulley | |
| 2 | | Ref | Generator and Control Box Assembly Options: | |
| 2 | 2460055 | 1 | 110V/60Hz | |
| 2 | 2460049 | 1 | 110V/50Hz Generator Only | |
| 2 | 1001100321 | 1 | 220V/50Hz Generator Only | |
| 2A | | Ref | Generator Options: | |
| 2A | 7012558 | 1 | 110V/60Hz | |
| 2A | 2460049 | 1 | 110V/50Hz | |
| 2A | 1001100321 | 1 | 220V/50Hz | |
| | | Ref | **Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.** | |
| 2A | 7026199 | 1 | 110V/60Hz Armature with Slip Rings | |
| 2A | 70000122 | 1 | 110V/50Hz Armature with Slip Rings | |
| 2A | 70000123 | 1 | 220V/50Hz Armature with Slip Rings | |
| 2A | 7012513 | 4 | Cap, Brush Holder | |
| 2A | 7020108 | 4 | Brush | |
| 2A | 7020109 | 4 | Holder, Brush | |
| 2A | 7012514 | 1 | Fan | |
| 2A | 7020190 | 2 | Bearing | |
| 2A | 7020110 | 1 | End Bell, Front | |
| 2A | 7020111 | 1 | End Bell, Rear | |
| 2B | 7019680 | 1 | Box, Control (110V/60Hz Generator Only) | |
| 2B | 4360542 | 1 | Breaker, Circuit | |
| 2B | 4460190 | AR | Receptacle, Double (110V Box) | |
| 2B | 4460027 | AR | Receptacle, Double Twist Lock (110V Box) | |
| 2C | 2420203 | 1 | Voltmeter | |
| 2D | | Ref | Pulley Options: | |
| 2D | 3580276 | 1 | 110V/60Hz | |
| 2D | 3580134 | 1 | 110V/50Hz | |
| 2D | 3580134 | 1 | 220V/50Hz | |
| 2D | 7027887 | 1 | Key, Woodruff | |
| 3 | 0700816 | 4 | Bolt M8 x 40mm | |
| 4 | 4811900 | 4 | Flatwasher M8 | |
| 5 | 0200819 | 1 | Arm, Adjusting | |
| 6 | | Ref | V-Belt Options: | |
| 6 | 0480121 | 1 | 110V/60Hz | |
| 6 | 0480120 | 1 | 110V/50Hz | |
| 6 | 0480120 | 1 | 220V/50Hz | |
| 7 | 0641610 | 1 | Bolt 3/8in-16NC x 1-1/4in | |
| 8 | 0100011 | AR | Compound, Locking | |
| 9 | 0641772 | 1 | Bolt 7/16in-14NC x 9in | |
| 10 | 4751600 | 6 | Flatwasher 3/8in Regular | |
| 11 | 3574684 | 1 | Plate, Box Mounting | |
| 12 | 0701210 | 2 | Bolt M12 x 20mm | |
| 13 | 0962563 | 1 | Bushing, Spacer | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 3311605 | 1 | Locknut 3/8in-16NC | |
| 15 | 3311705 | 1 | Locknut 7/16in-14NC | |
| 16 | 3740080 | 1 | Relay | |
| 18 | 0641508 | 1 | Bolt 5/16in-18NC x 1in | |
| 19 | 4751500 | 1 | Flatwasher 5/16in Regular | |
| 21 | 3520028 | 1 | Plug, Hole | |
| 22 | 0721006 | AR | Bolt #10-24NC x 3/4in | |
| 23 | 3311005 | AR | Locknut #10-24NC | |
| 24 | 4751000 | AR | Flatwasher #10 Regular | |
| 25 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 27 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 28 | | Ref | Decal - Voltage Options (Not Shown - Located at Platform): | |
| 28 | Not Required | 0 | 110V/60Hz | |
| 28 | 1705325 | 1 | 110V/50Hz | |
| 28 | 3252507 | 1 | 220V/50Hz | |
| 29 | 2820031 | 4 in/10cm | Heat Shrink (Not Shown - Located at Platform) | |
| 30 | 3251102 | 1 | Decal (Not Shown - Located at Platform) | |
| | | Ref | **Note: Items 31 thru 40 Used with 1001115413 & 1001115414 Installations Only.** | |
| 31 | 0962449 | 1 | Bushing, Silicone | |
| 32 | 3290505 | 1 | Locknut M5 | |
| 33 | 4031608 | 2 | Capscrew M5 x 20mm | |
| 34 | 4460968 | 3 | Bushing, Strain Relief | |
| 35 | 4811600 | 2 | Flatwasher M5 | |
| 36 | 4812100 | 2 | Flatwasher M12 | |
| 37 | 1001099869 | 1 | Box, Junction | |
| 38 | | Ref | Light, Red Options: | |
| 38 | 1001100233 | 1 | 110V/50Hz | |
| 38 | 1001100234 | 1 | 220V/50Hz | |
| 39 | 1001102644 | 1 | Bracket, AC Junction Box | |
| 40 | | Ref | Decal - Voltage Options: | |
| 40 | 1705325 | 1 | 110V/50Hz | |
| 40 | 3252507 | 1 | 220V/50Hz | |
| | 1001094475 | Ref | **HOURMETER INSTALLATION (OPTIONAL)** | B |
| 102 | 0720808 | 1 | Screw #8-32 x 1in | |
| 103 | 2420165 | 1 | Hourmeter | |
| 104 | 3310601 | 2 | Nut #6-32 | |
| 105 | 3310805 | 1 | Locknut #8-32 | |
| 106 | 3910608 | 2 | Screw #6-32 x 1/2in | |
| 107 | 4240032 | 4 | Strap, Tie | |
| 108 | 4420060 | 3 in/7cm | Tape, Double-Sided | |
| 109 | 4460234 | 3 | Mount, Tie Strap | |
| 110 | 4750800 | 1 | Flatwasher #8 Regular | |
| 111 | 4760600 | 2 | Lockwasher #6 | |
| 112 | 1001094375 | 1 | Bracket, Hourmeter | |
| 113 | 1001094509 | 1 | Harness, Hourmeter | |
| 114 | 4460018 | 1 | Connector, Butt Splice (Not Shown) | |

## FIGURE 2-20. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)



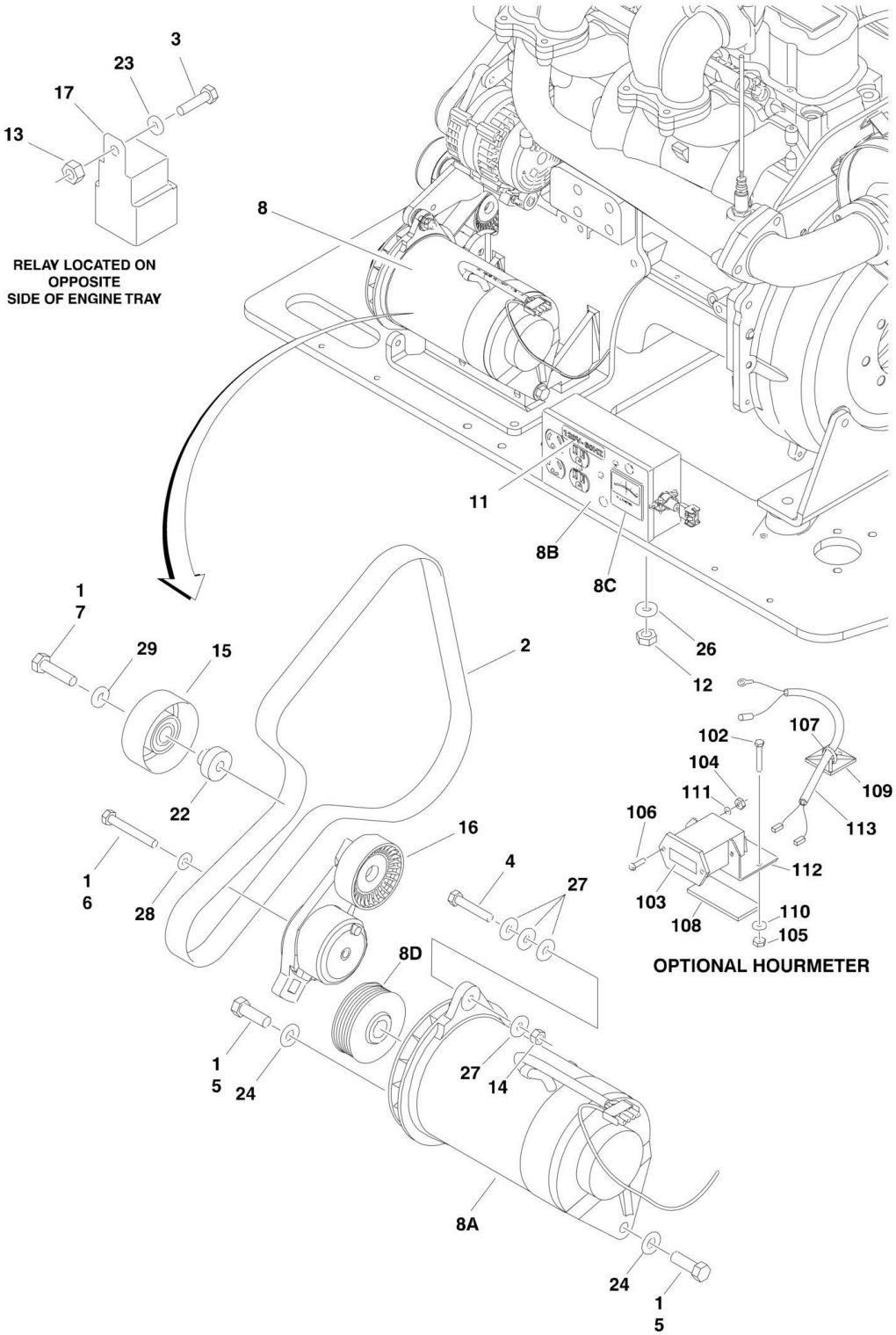
## FIGURE 2-20. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **GENERATOR INSTALLATION OPTIONS:** | |
| | 1001115405 | Ref | **ANSI Specs - 110V/60Hz** | A |
| | 1001115410 | Ref | **ANSI Export Specs - 110V/50Hz** | A |
| | 1001115409 | Ref | **ANSI Export Specs - 220V/50Hz** | A |
| 1 | 3580158 | 1 | Pulley | |
| 2 | | Ref | Generator and Control Box Assembly Options: | |
| 2 | 2460055 | 1 | 110V/60Hz | |
| 2 | 2460049 | 1 | 110V/50Hz Generator Only | |
| 2 | 1001100321 | 1 | 220V/50Hz Generator Only | |
| 2A | | Ref | Generator Options: | |
| 2A | 7012558 | 1 | 110V/60Hz | |
| 2A | 2460049 | 1 | 110V/50Hz | |
| 2A | 1001100321 | 1 | 220V/50Hz | |
| | | Ref | **Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.** | |
| 2A | 7026199 | 1 | 110V/60Hz Armature with Slip Rings | |
| 2A | 70000122 | 1 | 110V/50Hz Armature with Slip Rings | |
| 2A | 70000123 | 1 | 220V/50Hz Armature with Slip Rings | |
| 2A | 7012513 | 4 | Cap, Brush Holder | |
| 2A | 7020108 | 4 | Brush | |
| 2A | 7020109 | 4 | Holder, Brush | |
| 2A | 7012514 | 1 | Fan | |
| 2A | 7020190 | 2 | Bearing | |
| 2A | 7020110 | 1 | End Bell, Front | |
| 2A | 7020111 | 1 | End Bell, Rear | |
| 2B | 7019680 | 1 | Box, Control - 110V/60Hz Generator Only | |
| 2B | 4360542 | 1 | Breaker, Circuit | |
| 2B | 4460190 | AR | Receptacle, Double (110V Box) | |
| 2B | 4460027 | AR | Receptacle, Double Twist Lock (110V Box) | |
| 2C | 2420203 | 1 | Voltmeter | |
| 2D | | Ref | Pulley Options: | |
| 2D | 3580276 | 1 | 110V/60Hz | |
| 2D | 3580134 | 1 | 110V/50Hz | |
| 2D | 3580134 | 1 | 220V/50Hz | |
| 3 | 3251243 | 1 | Decal - 120V - 60Hz (110V/60Hz Generator Only) | |
| 4 | 0200742 | 1 | Arm, Adjusting | |
| 5 | 0480121 | 1 | V-Belt | |
| 7 | 0641610 | 1 | Bolt 3/8in-16NC x 1-1/4in | |
| 8 | 0100011 | AR | Compound, Locking | |
| 9 | 0641772 | 1 | Bolt 7/16in-14NC x 9in | |
| 10 | 4751600 | 6 | Flatwasher 3/8in Regular | |
| 11 | 2860012 | 1 | Key, Woodruff | |
| 12 | 3311605 | 1 | Locknut 3/8in-16NC | |
| 13 | 3311705 | 1 | Nut, 7/16-14 Hex Lock Nut | |
| 14 | 3740080 | 1 | Relay | |
| 16 | 0641508 | 1 | Bolt 5/16in-18NC x 1in | |
| 17 | 4751500 | 1 | Flatwasher 5/16in Regular | |
| 20 | 0721006 | AR | Bolt #10-24NC x 3/4in | |
| 21 | 3311005 | AR | Locknut #10-24NC | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 22 | 4751000 | AR | Flatwasher #10 Regular | |
| 25 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 26 | 4740397 | 1 | Bushing (Not Shown - Located at Platform) | |
| 27 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 28 | 3252507 | 1 | Decal - 220V-50/60Hz (Not Shown - Located on Inside Platform Rail) (220V/50Hz Generator Only) | |
| 28 | 1705325 | 1 | Decal - 120V-50Hz (Not Shown - Located on Inside Platform Rail) (110V/50Hz Generator Only) | |
| 29 | 2820031 | 4 in/10cm | Heat Shrink (Not Shown - Located at Platform) | |
| 30 | 3251102 | 1 | Decal (Not Shown - Located at Platform) | |
| 31 | 4070585 | AR | Shim | |
| | | Ref | **Note: Items 32 thru 41 Used with 1001115410 & 1001115409 Installations Only.** | |
| 32 | 0962449 | 1 | Bushing, Silicone | |
| 33 | 3290505 | 1 | Locknut M5 | |
| 34 | 4031608 | 1 | Capscrew M5 x 20mm | |
| 35 | 4460968 | 4 | Bushing, Strain Relief | |
| 36 | 4811600 | 1 | Flatwasher M5 | |
| 37 | 1001099869 | 1 | Box, Junction | |
| 38 | | Ref | Light, Red Options: | |
| 38 | 1001100233 | 1 | 110V/50Hz | |
| 38 | 1001100234 | 1 | 220V/50Hz | |
| 39 | 0641404 | 1 | Bolt 1/4in-20NC x 1/2in | |
| 40 | 4420060 | AR | Tape, Double Sided | |
| 41 | | Ref | Decal Options: | |
| 41 | 3252507 | 1 | Decal - 220V-50/60Hz | |
| 41 | 1705325 | 1 | Decal - 120V-50Hz | |
| | 1001094475 | Ref | **HOURMETER INSTALLATION (OPTIONAL)** | B |
| 102 | 0720808 | 1 | Screw #8-32 x 1in | |
| 103 | 2420165 | 1 | Hourmeter | |
| 104 | 3310601 | 2 | Nut #6-32 | |
| 105 | 3310805 | 1 | Locknut #8-32 | |
| 106 | 3910608 | 2 | Screw #6-32 x 1/2in | |
| 107 | 4240032 | 4 | Strap, Tie | |
| 108 | 4420060 | 3 in/7cm | Tape, Double-Sided | |
| 109 | 4460234 | 3 | Mount, Tie Strap | |
| 110 | 4750800 | 1 | Flatwasher #8 Regular | |
| 111 | 4760600 | 2 | Lockwasher #6 | |
| 112 | 1001094375 | 1 | Bracket, Hourmeter | |
| 113 | 1001094509 | 1 | Harness, Hourmeter | |
| 114 | 4460018 | 1 | Connector, Butt Splice (Not Shown) | |

## FIGURE 2-21. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)



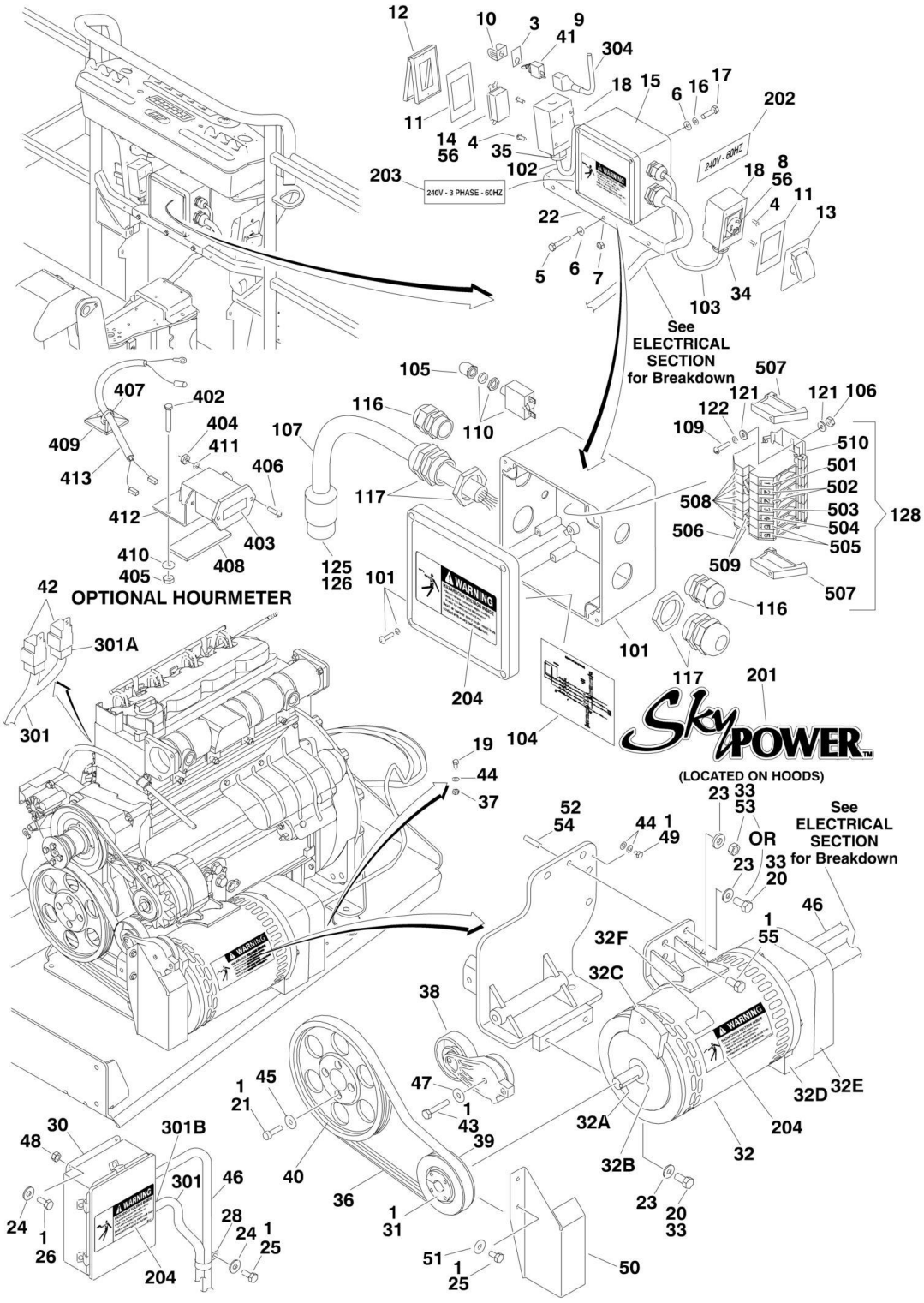
## FIGURE 2-21. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Only Available on USA Built Machines.** | |
| | | Ref | **GENERATOR INSTALLATION OPTIONS:** | |
| | 0275039 | Ref | **110V Generator** | E |
| | See Note | Ref | **220V Generator (Note: Not Available)** | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0480142 | 1 | V-Belt | |
| 3 | 0641405 | 1 | Bolt 1/4in-20NC x 5/8in | |
| 4 | 0641510 | 1 | Bolt 5/16in-18NC x 1-1/4in | |
| 5 | 0641710 | 2 | Bolt 7/16in-14NC x 1-1/4in | |
| 6 | 0700820 | 1 | Bolt 8mm x 60mm | |
| 7 | 0701016 | 1 | Bolt 10mm x 340mm | |
| 8 | 2460051 | 1 | Generator and Control Box Assembly | |
| 8A | 7012558 | 1 | Generator | |
| | | Ref | **Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.** | |
| 8A | 7026199 | 1 | Armature with Slip Rings | |
| 8A | 7020109 | 4 | Holder, Brush | |
| 8A | 7020108 | 4 | Brush | |
| 8A | 7012513 | 4 | Cap, Brush Holder | |
| 8A | 7012514 | 1 | Fan | |
| 8A | 7020190 | 2 | Bearing | |
| 8A | 7020110 | 1 | End Bell, Front | |
| 8A | 7020111 | 1 | End Bell, Rear | |
| 8B | 7019680 | 1 | Box Control | |
| 8B | 4360542 | 1 | Breaker, Circuit | |
| 8B | 4460190 | 1 | Receptacle, Double (110V Box) | |
| 8B | 4460027 | 1 | Receptacle, Double Twist Lock (110V Box) | |
| 8C | 2420203 | 1 | Voltmeter | |
| 8D | 3580324 | 1 | Pulley | |
| 8D | 7027887 | 1 | Key, Woodruff | |
| 9 | 2820031 | AR | Heat Shrink (Not Shown - Located at Platform) | |
| 10 | 3251102 | 1 | Nameplate - Generator (Not Shown - Located at Platform) | |
| 11 | 3251243 | 1 | Decal | |
| 12 | 3311005 | 2 | Locknut # 10-24NC | |
| 13 | 3311405 | 1 | Locknut 1/4in-20NC | |
| 14 | 3311505 | 1 | Locknut 5/16in-18NC | |
| 15 | 3580312 | 1 | Pulley, Idler | |
| 16 | 3580348 | 1 | Tensioner, Belt | |
| 17 | 3740080 | 1 | Relay, Bosch | |
| 18 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 19 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 20 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 21 | 4460906 | 3 | Terminal (Not Shown) | |
| 22 | 4568735 | 1 | Spacer, Tube (Idler Pulley Grooved) | |
| 23 | 4711400 | 1 | Flatwasher 1/4in Thin | |
| 24 | 4711700 | 2 | Flatwasher 7/16in Thin | |
| 25 | 4740397 | 1 | Spacer (Not Shown - Located at Platform) | |
| 26 | 4751000 | 2 | Flatwasher #10 Regular | |
| 27 | 4751500 | 4 | Flatwasher 5/16in Regular | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 28 | 4811900 | 1 | Flatwasher M8 | |
| 29 | 4891600 | 1 | Flatwasher 3/8in Hardened | |
| | 1001094475 | Ref | **HOURMETER INSTALLATION (OPTIONAL)** | B |
| 102 | 0720808 | 1 | Screw #8-32 x 1in | |
| 103 | 2420165 | 1 | Hourmeter | |
| 104 | 3310601 | 2 | Nut #6-32 | |
| 105 | 3310805 | 1 | Locknut #8-32 | |
| 106 | 3910608 | 2 | Screw #6-32 x 1/2in | |
| 107 | 4240032 | 4 | Strap, Tie | |
| 108 | 4420060 | 3 in/7cm | Tape, Double-Sided | |
| 109 | 4460234 | 3 | Mount, Tie Strap | |
| 110 | 4750800 | 1 | Flatwasher #8 Regular | |
| 111 | 4760600 | 2 | Lockwasher #6 | |
| 112 | 1001094375 | 1 | Bracket, Hourmeter | |
| 113 | 1001094509 | 1 | Harness, Hourmeter | |
| 114 | 4460018 | 1 | Connector, Butt Splice (Not Shown) | |

## FIGURE 2-22. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ ENGINES



## FIGURE 2-22. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **7500W SKYPOWER GENERATOR INSTALLATION** | |
| | | Ref | **Caterpillar Engine:** | |
| | 1001115398 | Ref | **60Hz (ANSI Specs and CSA Specs)** | C |
| | 1001115400 | Ref | **50Hz (All Specs except ANSI Specs and CSA Specs)** | C |
| | | Ref | **Deutz Engine:** | |
| | 1001115388 | Ref | **60Hz (ANSI Specs and CSA Specs)** | B |
| | 1001115394 | Ref | **50Hz (All Specs except ANSI Specs and CSA Specs)** | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 3 | 3252764 | 1 | Nameplate | |
| 4 | 3910606 | 8 | Screw #6-32NC x 3/8in | |
| 5 | 0641516 | 3 | Bolt 5/16in-18NC x 2in | |
| 6 | | Ref | Flatwasher Options: | |
| 6 | 4711500 | 10 | Flatwasher 5/16in Thin (Caterpillar Engine) | |
| 6 | 4751500 | 7 | Flatwasher 5/16in Regular (Deutz Engine) | |
| 7 | | Ref | Locknut Options: | |
| 7 | 3311505 | 3 | Locknut 5/16in-18NC (Caterpillar Engine) | |
| 7 | 3311508 | 3 | Nut 5/16in-18NC (Deutz Engine) | |
| 8 | | Ref | Receptacle, Female Twist-Lock Options: | |
| 8 | 4460958 | 1 | 60Hz | |
| 8 | See Note | 1 | 50Hz (Note: Not Available - Purchase Locally) | |
| 9 | 4360336 | 1 | Switch, Toggle | |
| 10 | 4060802 | 1 | Guard, Switch | |
| 11 | | Ref | Gasket Options: | |
| 11 | 3960422 | 2 | 60Hz | |
| 11 | See Note | 2 | 50Hz (Note: Not Available - Purchase Locally) | |
| 12 | | Ref | Cover, Receptacle Options: | |
| 12 | 1001110873 | 1 | 60Hz Cover, Top Hinged | |
| 12 | See Note | 1 | 50Hz Cover (Note: Not Available - Purchase Locally) | |
| 13 | | Ref | Cover, Receptacle Options: | |
| 13 | 1001110872 | 1 | 60HzCover, Top Hinged | |
| 13 | See Note | 1 | 50Hz Cover (Note: Not Available - Purchase Locally) | |
| 14 | | Ref | Receptacle, Female Options (110-120V): | |
| 14 | 4460346 | 1 | 60Hz | |
| 14 | See Note | 1 | 50Hz (Note: Not Available - Purchase Locally) | |
| 15 | | Ref | Junction Box Assembly Options (See Items 101-128 for Breakdown): | |
| 15 | 0861542 | 1 | 60Hz Spec | |
| 15 | 0861567 | 1 | 50Hz Spec | |
| 16 | 4761500 | 4 | Lockwasher 5/16in (Caterpillar Engine Only) | |
| 17 | | Ref | Bolt Options: | |
| 17 | 0641505 | 4 | Bolt 5/16in-18NC x 5/8in (Caterpillar Engine) | |
| 17 | 0641508 | 4 | Bolt 5/16in-18NC x 1in (Deutz Engine) | |
| 18 | | Ref | Box, Switch Options: | |
| 18 | 0860038 | 2 | 60Hz Spec | |
| 18 | See Note | 2 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 19 | 0641406 | 1 | Bolt 1/4in-20NC x 3/4in (Caterpillar Engine Only) | |
| 20 | 0641808 | AR | Bolt 1/2in-13NC x 1in | |
| 21 | | Ref | Bolt, Metric Options: | |
| 21 | 0700815 | 4 | Caterpillar Engine (Bolt M8 x 35mm) | |

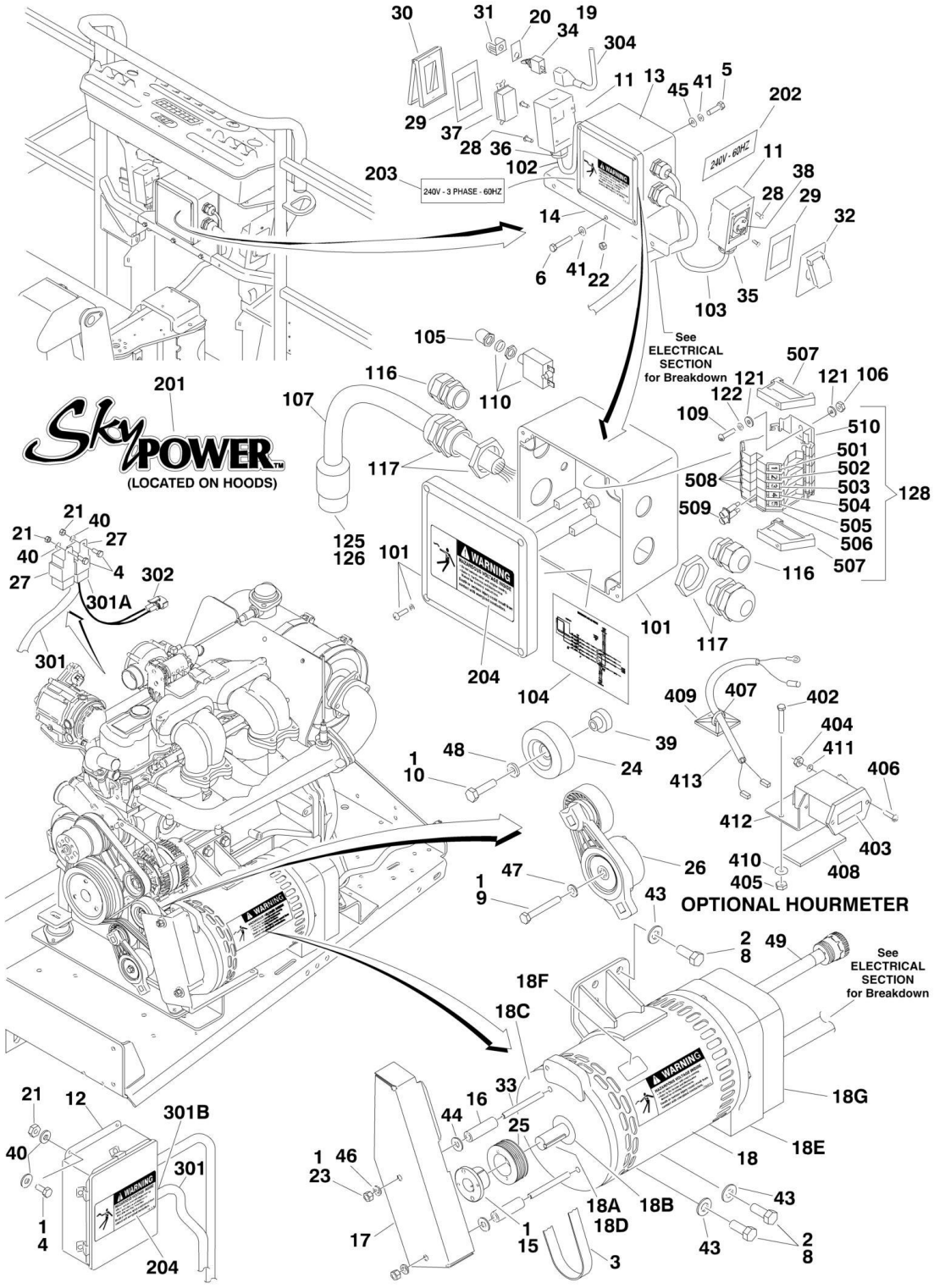
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 21 | 4032015 | 4 | Deutz Engine (Capscrew M10 x 55mm) | |
| 22 | 0902888 | 1 | Bracket, Box Mounting | |
| 23 | 4711800 | AR | Flatwasher 1/2in Thin | |
| 24 | | Ref | Flatwasher Options: | |
| 24 | 4711400 | AR | Flatwasher 1/4in Thin | |
| 24 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 25 | | Ref | Bolt Options: | |
| 25 | 0641405 | AR | Bolt 1/4in-20NC x 5/8in | |
| 25 | 0641404 | AR | Bolt 1/4in-20NC x 1/2in | |
| 26 | | Ref | Bolt Options: | |
| 26 | 0641404 | AR | Bolt 1/4in-20NC x 1/2in | |
| 26 | 0641405 | AR | Bolt 1/4in-20NC x 5/8in | |
| 28 | 1320318 | AR | Clamp (Caterpillar Engine) | |
| 29 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 30 | | Ref | CONTROL BOX ASSEMBLY OPTIONS: | |
| 30 | 0861538 | 1 | 60Hz Control Box | |
| 30 | 0861572 | 1 | 50Hz Control Box | |
| 30 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 30 | See Note | 1 | Fuse (Note: Not Available - Purchase Locally) | |
| 30 | 7024489 | 1 | Card, Circuit - Control | |
| 30 | 70000619 | 1 | Harness, Control Box (Internal) | |
| | | Ref | **Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz. When replacing card, rocker switch on card must be set for required application.** | |
| 31 | 0962520 | 1 | Bushing, Split Taper | |
| 32 | | Ref | Generator Assembly Options: | |
| 32 | 2460050 | 1 | Caterpillar Engine | |
| 32 | 2460048 | 1 | Deutz Engine | |
| 32 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 32 | 70001384 | 1 | Bearing, Ball Radial (Not Shown) | |
| 32 | 70000863 | 1 | Fan (Not Shown) | |
| 32 | | Ref | Stator Options (Not Shown): | |
| 32 | 70001969 | 1 | 2460050 Generator | |
| 32 | 70002088 | 1 | 2460048 Generator | |
| 32 | 70002297 | 1 | Stud (Not Shown) | |
| 32 | 7024484 | 1 | Brushholder Assembly (Not Shown) | |
| 32A | 70004171 | 1 | Key (was p/n 7024561) | |
| 32B | 70001966 | 1 | Bearing, Ball Redial (Located in Belt Tensioner Endbell) | |
| 32B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 32B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 32C | 70001953 | 1 | Endbell, Belt Tensioner | |
| 32D | | Ref | Endbell, Brush Block Options (was p/n 70001385): | |
| 32D | 70004170 | 1 | Caterpillar Engine Machines | |
| 32D | 70004169 | 1 | Deutz Engine Machines | |
| 32E | | Ref | Shroud Options: | |
| 32E | 70004170 | 1 | Caterpillar Engine (was p/ns 70001970 & 70001971) | |
| 32E | 70004169 | 1 | Deutz Engine (was p/n 70002290) | |
| 32E | 7027799 | 1 | Block, Connection - 6 Position (Not Shown) | |
| 32E | 70002460 | 6 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 32E | 7024485 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 32E | 70001696 | 1 | Boot, Breaker (Not Shown) | |
| 32E | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | into Item 46) | |
| 32E | 7026597 | 1 | Connector, with Lead (Not Shown) | |
| 32E | 7026188 | 1 | Connector, Clamp (Not Shown) | |
| 32E | | Ref | Panel, End Options (Not Shown): | |
| 32E | 70004170 | 1 | Caterpillar Engine (was p/n 70001972) | |
| 32E | 70004169 | 1 | Deutz Engine (was p/n 70002255) | |
| 32E | 70001974 | 1 | Decal - Terminal Connections (Not Shown) | |
| 32F | 70001973 | 1 | Decal - Warning Moving Parts | |
| 33 | 0100019 | AR | Compound, Locking | |
| 34 | | Ref | Connector, Strain Relief Options: | |
| 34 | 4460051 | 1 | 60Hz | |
| 34 | See Note | 1 | 50Hz (Note: Not Available - Purchase Locally) | |
| 35 | | Ref | Connector, Strain Relief | |
| 35 | 4460071 | 1 | 60Hz | |
| 35 | See Note | 1 | 50Hz (Note: Not Available - Purchase Locally) | |
| 36 | | Ref | Belt, Drive Options: | |
| 36 | | Ref | 60Hz Generators: | |
| 36 | 0480129 | 1 | Caterpillar Engine | |
| 36 | 0480129 | 1 | Deutz Engine | |
| 36 | | Ref | 50Hz Generators: | |
| 36 | 0480125 | 1 | Caterpillar Engine | |
| 36 | 0480126 | 1 | Deutz Engine | |
| 37 | 3311405 | 1 | Locknut 1/4in-20NC (Caterpillar Engine Only) | |
| 38 | 3580317 | 1 | Tensioner, Belt | |
| 39 | | Ref | Pulley Options: | |
| 39 | 3580318 | 1 | 60Hz | |
| 39 | 3580319 | 1 | 50Hz | |
| 40 | | Ref | Pulley Options: | |
| 40 | 3580321 | 1 | Caterpillar Engine | |
| 40 | 3580320 | 1 | Deutz Engine | |
| 41 | 2820031 | 1 | Insulator | |
| 42 | 3740080 | 2 | Relay | |
| 43 | 0641618 | 1 | Bolt 3/8in-16NC x 2-1/4in Options: | |
| 44 | 4791400 | AR | Starwasher 1/4in | |
| 45 | 4811900 | 4 | Flatwasher M8 (Caterpillar Engine Only) | |
| 46 | 4922925 | 1 | Harness, Generator | |
| 47 | 4711600 | 1 | Flatwasher 3/8in Thin | |
| 48 | 3311405 | 4 | Locknut 1/4in-20NC (Deutz Engine Only) | |
| 49 | 0641404 | 1 | Bolt 1/4in-20NC x 1/2in (Deutz Engine Only): | |
| 50 | | Ref | Shield Options: | |
| 50 | 1001118599 | 1 | Caterpillar Engine (USA Built Machines) (Not Shown) **(SN 0300143929 through 0300172828)** | |
| 50 | 1001118599 | 1 | Caterpillar Engine (China Built Machines) (Not Shown) **(SN B300000203 through B300000762)** | |
| 50 | 4061049 | 1 | Deutz Engine (USA Built Machines) (Shown) **(SN 0300140000 through 0300172828)** | |
| 50 | 4061049 | 1 | Deutz Engine (China Built Machines) (Shown) **(SN B300000100 through B300000762)** | |
| 51 | | Ref | Washer 1/4in Options: | |
| 51 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 51 | 4761400 | AR | Lockwasher 1/4in | |
| 52 | 4300157 | 1 | Stud (Deutz Engine Only) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 53 | 3311801 | 1 | Nut 1/2in-13NC (Deutz Engine Only) | |
| 54 | 0100062 | 1 | Loctite (Deutz Engine Only) | |
| 55 | 0771415 | 1 | Bolt (Metric) M14 x 35mm (Deutz Engine Only) | |
| 56 | 4460315 | 4 | Terminal (Deutz Engine Only) | |
| 57 | 0100020 | AR | Pipe Sealant (Deutz Engine Only) (Not Shown) | |
| | | Ref | **JUNCTION BOX ASSEMBLY** | |
| | 0861542 | Ref | **60Hz** | D |
| | 0861567 | Ref | **50Hz** | B |
| 101 | 0861541 | 1 | Box, Junction | |
| 102 | | Ref | Cable, Electrical 12/3 Options: | |
| 102 | 1060494 | 2 ft/.6m | 60Hz Spec | |
| 102 | See Note | 2 ft/.6m | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 103 | | Ref | Cable, Electrical 10/3 | |
| 103 | 1060708 | 2.5 ft /0.76m | 60Hz Spec | |
| 103 | See Note | 2.5 ft /0.76m | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 104 | 1705376 | 1 | Decal - Wiring Schematic | |
| 105 | 3300396 | 1 | Cover, Fuse | |
| 106 | 3310601 | 2 | Nut 6-32NC | |
| 107 | 1060343 | 1.5 ft /0.46m | Cable, Electrical 10/4 (60Hz Spec Only) | |
| 109 | 3910610 | 2 | Bolt 6-32NC x 5/8 | |
| 110 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 116 | 4460425 | 2 | Strain Relief, Terminal | |
| 117 | 4460426 | 2 | Connector, Strain Relief | |
| 121 | 4750600 | 4 | Flatwasher, #6 Regular | |
| 122 | 4760600 | 2 | Lockwasher #6 | |
| 125 | 1671092 | 1 | Cover (60Hz Spec Only) | |
| 126 | 4460963 | 1 | Connector (60Hz Spec Only) | |
| 128 | 1001121340 | 1 | Terminal Block Assembly (See Items 501-510 for Breakdown) | |
| | | Ref | **DECAL INSTALLATION** | |
| | 0272435 | Ref | **60Hz Specs** | A |
| | 0272589 | Ref | **50Hz Spec** | A |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 1705374 | 1 | Decal - 240V - 60Hz (60Hz Specs Only) | |
| 203 | | Ref | Decal - 240V - 3 Phase Options: | |
| 203 | 1705375 | 1 | 60Hz Spec | |
| 203 | 1705461 | 1 | 50Hz Spec | |
| 204 | | Ref | Decal, Hazardous Voltage Options: | |
| 204 | 1705387 | 3 | 60Hz Spec | |
| 204 | 1705489 | 3 | 50Hz Spec | |
| | 1001112586 | Ref | **ELECTRICAL DIAGRAM COMPONENTS** | A |
| 301 | 1001112587 | 1 | Generator Harness | A |
| 301A | 4460374 | 2 | Plug, Sealed Relay | |
| 301A | 4460375 | 7 | Terminal | |
| 301B | 4460967 | 1 | Plug, Male - 3 Position | |
| 301B | 4460465 | 3 | Socket, Female | |
| 301C | 2400060 | 1 | Fuseholder (Not Shown) | |
| 301C | 2400064 | 1 | Fuse - 5Amp (Not Shown) | |
| 304 | 4922641 | 1 | Switch Harness | |
| | 1001094475 | Ref | **HOURMETER INSTALLATION (OPTIONAL)** | B |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 402 | 0720808 | 1 | Screw #8-32 x 1in | |
| 403 | 2420165 | 1 | Hourmeter | |
| 404 | 3310601 | 2 | Nut #6-32 | |
| 405 | 3310805 | 1 | Locknut #8-32 | |
| 406 | 3910608 | 2 | Screw #6-32 x 1/2in | |
| 407 | 4240032 | 4 | Strap, Tie | |
| 408 | 4420060 | 3 in/7cm | Tape, Double-Sided | |
| 409 | 4460234 | 3 | Mount, Tie Strap | |
| 410 | 4750800 | 1 | Flatwasher #8 Regular | |
| 411 | 4760600 | 2 | Lockwasher #6 | |
| 412 | 1001094375 | 1 | Bracket, Hourmeter | |
| 413 | 1001094509 | 1 | Harness, Hourmeter | |
| 414 | 4460018 | 1 | Connector, Butt Splice (Not Shown) | |
| | 1001121340 | Ref | **TERMINAL BLOCK ASSEMBLY** | A |
| 501 | 70002818 | 2 | Marker Strip #1 | |
| 502 | 70002819 | 4 | Marker Strip #2 | |
| 503 | 70002820 | 2 | Marker Strip #3 | |
| 504 | 70002821 | 2 | Marker Strip #4 | |
| 505 | 70002822 | 4 | Marker Strip #5 | |
| 506 | 70002823 | 1 | Terminal, End Barrier | |
| 507 | 70002824 | 2 | Terminal, End Block | |
| 508 | 70002825 | 7 | Terminal, Block | |
| 509 | 70002826 | 2 | Terminal, Cross Connector Jumper | |
| 510 | 3641533 | 1 | Rail, Relay | |

## FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - GM ENGINES



## FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - GM ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **NOTE: ONLY AVAILABLE ON USA BUILT MACHINES.** | |
| | 0275257 | Ref | **7500W SKYPOWER GENERATOR INSTALLATION** | F |
| | | Ref | **Note: See ELECTRICAL SECTION for Boom Cable Installation.** | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0480142 | 1 | Belt, Generator | |
| 4 | 0641405 | 6 | Bolt 1/4in-20NC x 5/8in | |
| 5 | 0641505 | 4 | Bolt 5/16in-18NC x 5/8in | |
| 6 | 0641516 | 3 | Bolt 5/16in-18NC x 2in | |
| 8 | 0641808 | 4 | Bolt 1/2in-13NC x 1in | |
| 9 | 0700820 | 1 | Bolt M8 x 60mm | |
| 10 | 0701016 | 1 | Bolt M10 x 40mm | |
| 11 | 0860038 | 2 | Box, Switch | |
| 12 | 0861538 | 1 | Control Box Assembly | |
| 12 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 12 | See Note | 1 | Fuse (Note: Not Available - Purchase Locally) | |
| 12 | 7024489 | 1 | Card, Circuit - Control | |
| 12 | 70000619 | 1 | Harness, Control Box (Internal) | |
| 13 | 0861542 | 1 | Junction Box Assembly (See Items 101-128 for Breakdown) | |
| 14 | 0902888 | 1 | Bracket, Box Mounting | |
| 15 | 0962520 | 1 | Bushing, Split Taper | |
| 16 | 0962521 | 2 | Spacer, Tube (USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 16 | 0962521 | 2 | Spacer, Tube (China Built Machines) **(SN B300000100 through B300000762)** | |
| 17 | 1671311 | 1 | Cover, Generator Belt(USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 17 | 1671311 | 1 | Cover, Generator Belt (China Built Machines) **(SN B300000100 through B300000762)** | |
| 18 | 2460048 | 1 | Generator Assembly | |
| 18 | 7024484 | 1 | Brushholder Assembly (Not Shown) | |
| 18 | 7024485 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 18 | 70001696 | 1 | Boot, Breaker (Not Shown) | |
| 18 | 7027799 | 1 | Block, Connection - 6 Position (Not Shown) | |
| 18 | 70002460 | 6 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 18 | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 49) | |
| 18 | 7026597 | 1 | Connector, with Lead (Not Shown) | |
| 18 | 7026188 | 1 | Connector, Clamp (Not Shown) | |
| 18 | 70004169 | 1 | Plate, End Panel (was p/n 70002255) | |
| 18 | 70002088 | 1 | Stator (Not Shown) | |
| 18 | 70001974 | 1 | Decal - Terminal Connections (Not Shown) | |
| 18 | 70000863 | 1 | Fan (Not Shown) | |
| 18 | 70002297 | 4 | Stud (Not Shown) | |
| 18A | 70004171 | 1 | Key (was p/n 7024561) | |
| 18B | 70001966 | 1 | Bearing, Shaft (Front) | |
| 18C | 70001953 | 1 | Endbell (Front) | |
| 18D | 70001100 | 1 | Shaft/Rotor/Windings/Fan/Rear Bearing Assembly | |
| 18D | 70001384 | 1 | Bearing, Shaft (Rear) | |
| 18E | 70004169 | 1 | Endbell, Brush Block (was p/n 70001385) | |
| 18F | 70001973 | 1 | Decal - Warning Moving Parts | |

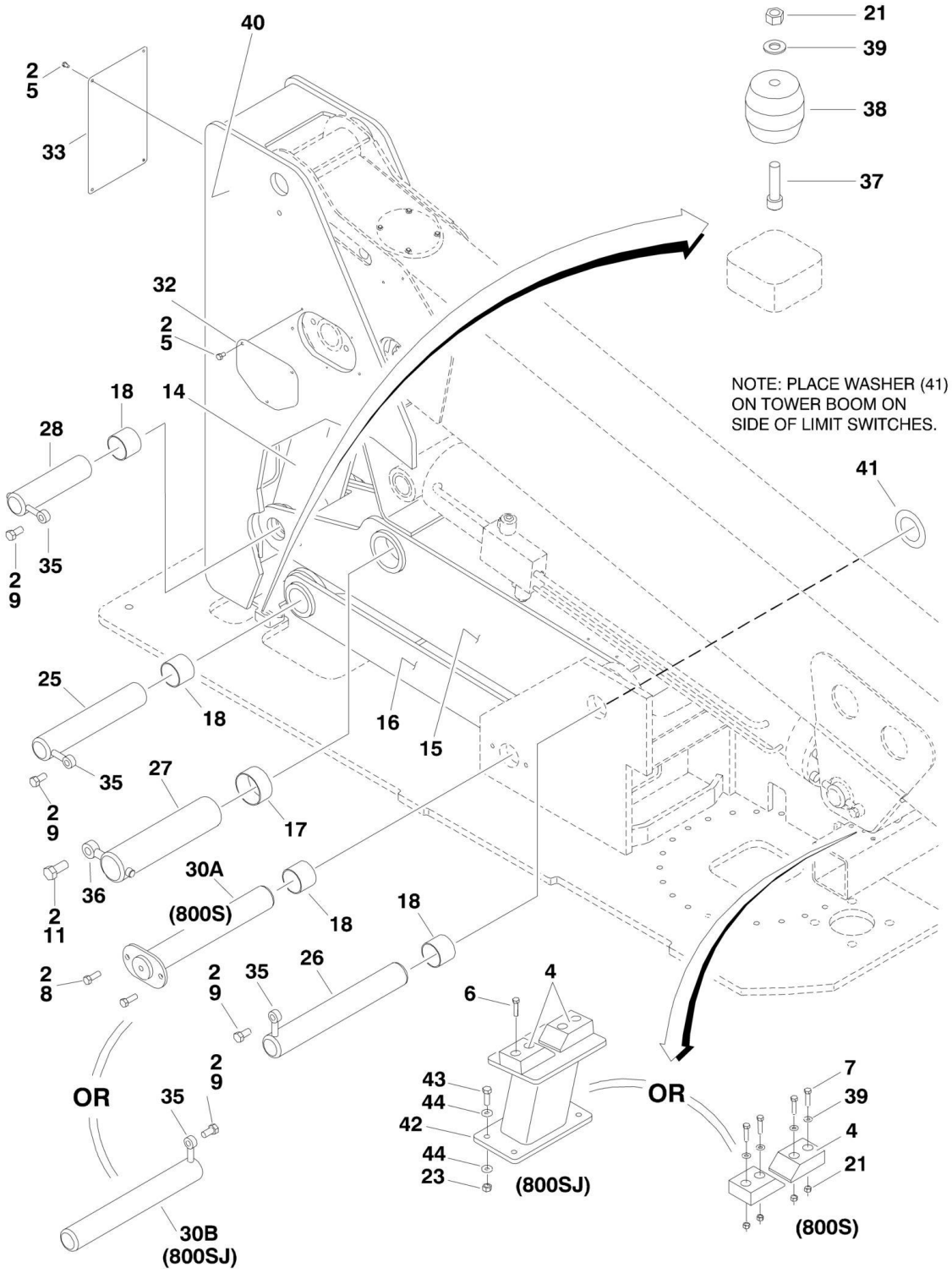
# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 18G | 70004169 | 1 | Shroud (was p/n 70002290) | |
| 19 | 2820031 | 1 | Insulator | |
| 20 | 3252764 | 1 | Nameplate | |
| 21 | 3311405 | 6 | Locknut 1/4in-20NC | |
| 22 | 3311505 | 3 | Locknut 5/16in-18NC | |
| 23 | 3311601 | 2 | Nut 3/8in-16NC (USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 23 | 3311601 | 2 | Nut 3/8in-16NC (China Built Machines) **(SN B300000100 through B300000762)** | |
| 24 | 3580312 | 1 | Pulley, Idler | |
| 25 | 3580314 | 1 | Pulley, Drive Grooved | |
| 26 | 3580348 | 1 | Pulley, Belt Tensioner | |
| 27 | 3740080 | 2 | Relay | |
| 28 | 3910606 | 8 | Screw #6-32NC x 3/8in | |
| 29 | 3960422 | 2 | Gasket | |
| 30 | 1001110873 | 1 | Cover, Receptacle | |
| 31 | 4060802 | 1 | Guard, Switch | |
| 32 | 1001110872 | 1 | Cover, Receptacle | |
| 33 | 4300111 | 2 | Stud, Chain Assembly (USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 33 | 4300111 | 2 | Stud, Chain Assembly (China Built Machines) **(SN B300000100 through B300000762)** | |
| 34 | 4360336 | 1 | Switch, Toggle | |
| 35 | 4460051 | 1 | Connector, Strain Relief | |
| 36 | 4460071 | 1 | Connector, Strain Relief | |
| 37 | 4460346 | 1 | Receptacle | |
| 38 | 4460958 | 1 | Receptacle, Female Twist-Lock | |
| 39 | 4568735 | 1 | Tube, Spacer Pulley Grooved | |
| 40 | 4711400 | 10 | Flatwasher 1/4in Thin | |
| 41 | 4711500 | 10 | Flatwasher 5/16in Thin | |
| 43 | 4711800 | 4 | Flatwasher 1/2in Thin | |
| 44 | 4751600 | 2 | Flatwasher 3/8in Regular (USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 44 | 4751600 | 2 | Flatwasher 3/8in Regular (China Built Machines) **(SN B300000100 through B300000762)** | |
| 45 | 4761500 | 4 | Lockwasher 5/16in | |
| 46 | 4761600 | 2 | Lockwasher 3/8in (USA Built Machines) **(SN 0300140000 through 0300172828)** | |
| 46 | 4761600 | 2 | Lockwasher 3/8in (China Built Machines) **(SN B300000100 through B300000762)** | |
| 47 | 4811900 | 1 | Flatwasher M8 | |
| 48 | 4891600 | 1 | Flatwasher 3/8in Hardened | |
| 49 | 4922925 | 1 | Harness, Generator | |
| | 0861542 | Ref | **JUNCTION BOX ASSEMBLY** | D |
| 101 | 0861541 | 1 | Box, Junction | |
| 102 | 1060494 | 2 ft/0.6m | Cable, Electrical 12/3 | |
| 103 | 1060708 | 2.5 ft /0.76m | Cable, Electrical 10/3 | |
| 104 | 1705376 | 1 | Decal - Wiring Schematic | |
| 105 | 3300396 | 1 | Cover, Fuse | |
| 106 | 3310601 | 2 | Nut 6-32NC | |
| 107 | 1060343 | 1.5 ft /0.46m | Cable, Electrical 10/4 | |
| 109 | 3910610 | 2 | Bolt 6-32NC x 5/8in | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 110 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 116 | 4460425 | 2 | Strain Relief, Terminal | |
| 117 | 4460426 | 2 | Connector, Strain Relief | |
| 121 | 4750600 | 4 | Flatwasher, #6 Regular | |
| 122 | 4760600 | 2 | Lockwasher #6 | |
| 125 | 1671092 | 1 | Cover | |
| 126 | 4460963 | 1 | Connector | |
| 128 | 1001121340 | 1 | Terminal Block Assembly (See Items 501-510 for Breakdown) | |
| | 0272435 | Ref | **DECAL INSTALLATION** | A |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 1705374 | 1 | Decal - 240V - 60Hz | |
| 203 | 1705375 | 1 | Decal - 240V - 3 Phase | |
| 204 | 1705387 | 3 | Decal, Hazardous Voltage | |
| | 4933349 | Ref | **ELECTRICAL DIAGRAM COMPONENTS** | A |
| 301 | 4923420 | 1 | Generator Harness | A |
| 301A | 4460374 | 2 | Plug, Sealed Relay | |
| 301A | 4460375 | 8 | Terminal | |
| 301B | 4460967 | 1 | Plug, Male - 3 Position | |
| 301B | 4460465 | 3 | Socket, Female | |
| 301C | 2400060 | 2 | Fuseholder (Not Shown) | |
| 301C | 2400064 | 2 | Fuse - 5Amp (Not Shown) | |
| 302 | 4460742 | 1 | Connector - 2 Position | |
| 302 | 4460743 | 2 | Socket, Female | |
| 302 | 4460458 | 2 | Seal | |
| 304 | 4922641 | 1 | Switch Harness | |
| | 1001094475 | Ref | **HOURMETER INSTALLATION (OPTIONAL)** | B |
| 402 | 0720808 | 1 | Screw #8-32 x 1in | |
| 403 | 2420165 | 1 | Hourmeter | |
| 404 | 3310601 | 2 | Nut #6-32 | |
| 405 | 3310805 | 1 | Locknut #8-32 | |
| 406 | 3910608 | 2 | Screw #6-32 x 1/2in | |
| 407 | 4240032 | 4 | Strap, Tie | |
| 408 | 4420060 | 3 in/7cm | Tape, Double-Sided | |
| 409 | 4460234 | 3 | Mount, Tie Strap | |
| 410 | 4750800 | 1 | Flatwasher #8 Regular | |
| 411 | 4760600 | 2 | Lockwasher #6 | |
| 412 | 1001094375 | 1 | Bracket, Hourmeter | |
| 413 | 1001094509 | 1 | Harness, Hourmeter | |
| 414 | 4460018 | 1 | Connector, Butt Splice (Not Shown) | |
| | 1001121340 | Ref | **TERMINAL BLOCK ASSEMBLY** | A |
| 501 | 70002818 | 2 | Marker Strip #1 | |
| 502 | 70002819 | 4 | Marker Strip #2 | |
| 503 | 70002820 | 2 | Marker Strip #3 | |
| 504 | 70002821 | 2 | Marker Strip #4 | |
| 505 | 70002822 | 4 | Marker Strip #5 | |
| 506 | 70002823 | 1 | Terminal, End Barrier | |
| 507 | 70002824 | 2 | Terminal, End Block | |
| 508 | 70002825 | 7 | Terminal, Block | |
| 509 | 70002826 | 2 | Terminal, Cross Connector Jumper | |
| 510 | 3641533 | 1 | Rail, Relay | |

# SECTION 3 - BOOM

## FIGURE 3-1. TOWER BOOM, UPRIGHT AND CYLINDERS INSTALLATION

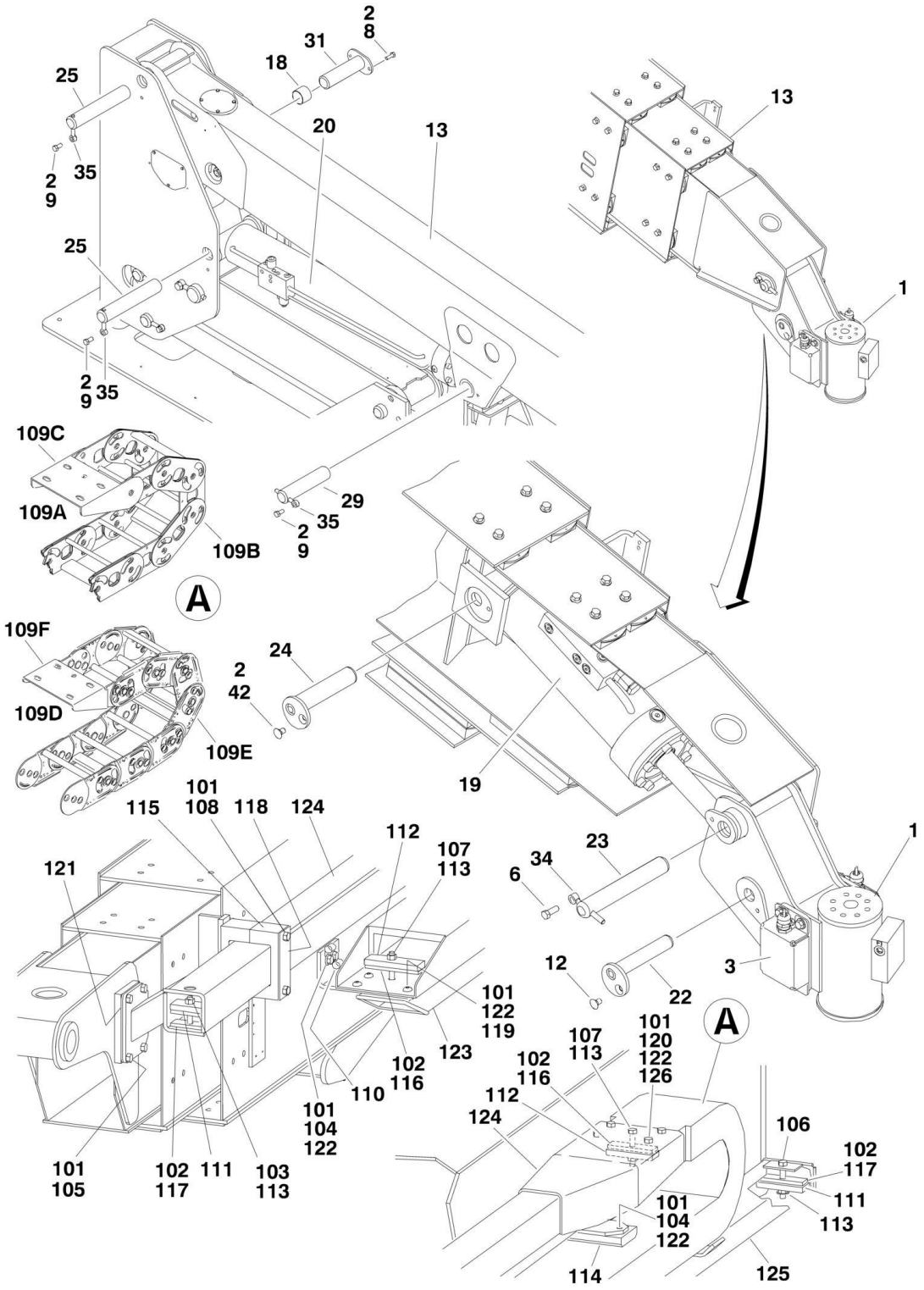


## FIGURE 3-1. TOWER BOOM, UPRIGHT AND CYLINDERS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **TOWER BOOM, UPRIGHT AND CYLINDERS INSTALLATIONS** | |
| | 0270876 | Ref | **Tower Boom, Upright and Cylinders Installations 800S (SN 0300140000 through 0300182108)** | N |
| | 1001155751 | Ref | **Tower Boom, Upright and Cylinders Installations 800S (SN 0300182109 through 0300182743)** | B |
| | 1001155751 | Ref | **Tower Boom, Upright and Cylinders Installations 800S (SN B300000100 through B300001091)** | B |
| | 0270877 | Ref | **Tower Boom, Upright and Cylinders Installations 860SJ (SN 0300140000 through 0300182108)** | M |
| | 1001155752 | Ref | **Tower Boom, Upright and Cylinders Installations 860SJ (SN 0300182109 through 0300182743)** | C |
| | 1001155752 | Ref | **Tower Boom, Upright and Cylinders Installations 860SJ (SN B300000100 through B300001091)** | C |
| 2 | 0100011 | AR | Compound, Locking | |
| 4 | 0561380 | 1 | Block, Boom Rest | |
| 5 | 0641504 | AR | Bolt 5/16in-18NC x 5/8in | |
| 6 | 0641612 | AR | Bolt 3/8in-16NC x 1-1/2in (860SJ Only) | |
| 6 | 0641615 | AR | Bolt 3/8in-16NC x 1-7/8in (860SJ Only) | |
| 7 | 0641613 | 4 | Bolt 3/8in-16NC x 1-5/8in (800S Only) | |
| 8 | 0642014 | AR | Bolt 5/8in-11NC x 1-3/4in | |
| 9 | 0642212 | AR | Bolt 3/4in-10NC x 1-1/2in | |
| 11 | 0642618 | 1 | Bolt 1in-8NC x 2-1/4in | |
| 14 | | Ref | Power Link Weldment Options: | |
| 14 | 1001117804 | 1 | Power Link Weldment 800S (Includes Qty 4 of Item 18) | |
| 14 | 1001117805 | 1 | Power Link Weldment 860SJ (Includes Qty 4 of Item 18) | |
| 15 | | Ref | Tower Weldment Options: | |
| 15 | 0801279 | 1 | Tower Weldment 800S | |
| 15 | 0801306 | 1 | Tower Weldment 860SJ | |
| 16 | | Ref | Link (Tower) Weldment Options: | |
| 16 | 0801280 | 1 | Link (Tower) Weldment 800S | |
| 16 | 0801307 | 1 | Link (Tower) Weldment 860SJ | |
| 17 | 0962122 | 2 | Bushing | |
| 18 | 0962297 | 10 | Bushing | |
| 21 | 3311605 | 6 | Locknut 3/8in-16NC | |
| 23 | 3311805 | 4 | Locknut 1/2in-13NC (860SJ Only) | |
| 25 | 3422908 | 1 | Pin | |
| 26 | 3422909 | 1 | Pin | |
| 27 | 3422910 | 1 | Pin | |
| 28 | 3422920 | 1 | Pin | |
| 30 | | Ref | Pin Options: | |
| 30A | 3422930 | 1 | Pin 800S | |
| 30B | 3422909 | 1 | Pin 860SJ | |
| 32 | 3573049 | 2 | Cover, Upright Side (USA Built Machines) **(SN 0300140000 through 0300175645)** | |
| 32 | 3573049 | 2 | Cover, Upright Side (China Built Machines) **(SN B300000100 through B300000817)** | |
| 33 | 3573050 | 1 | Cover, Upright Rear | |
| 35 | 3841287 | AR | Keeper, Pin | |
| 36 | 3841356 | 1 | Keeper, Pin | |
| 37 | 3931624 | 2 | Capscrew, Socket Head 3/8in-16NC x 1-1/2in | |
| 38 | 4160187 | 2 | Spring, Rubber | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 39 | 4711600 | AR | Flatwasher 3/8in Thin | |
| 40 | | Ref | Upright Options: | |
| 40 | 4846355 | 1 | USA Built Machines **(SN 0300140000 through 0300175645)** | |
| 40 | 4846355 | 1 | China Built Machines **(SN B300000100 through B300000816)** | |
| 40 | 1001157180 | 1 | USA Built Machines **(SN 0300175646 through 0300182743)** | |
| 40 | 1001157180 | 1 | China Built Machines **(SN B300000817 through B300001091)** | |
| 41 | 4740492 | 1 | Thrustwasher | |
| 42 | 4846427 | 1 | Rest, Boom (860SJ Only) | |
| 43 | 0641812 | 4 | Bolt 1/2in-13NC x 1-1/2in (860SJ Only) | |
| 44 | 4711800 | 8 | Flatwasher 1/2in Thin (860SJ Only) | |

## FIGURE 3-2. MAIN BOOM INSTALLATION - 800S

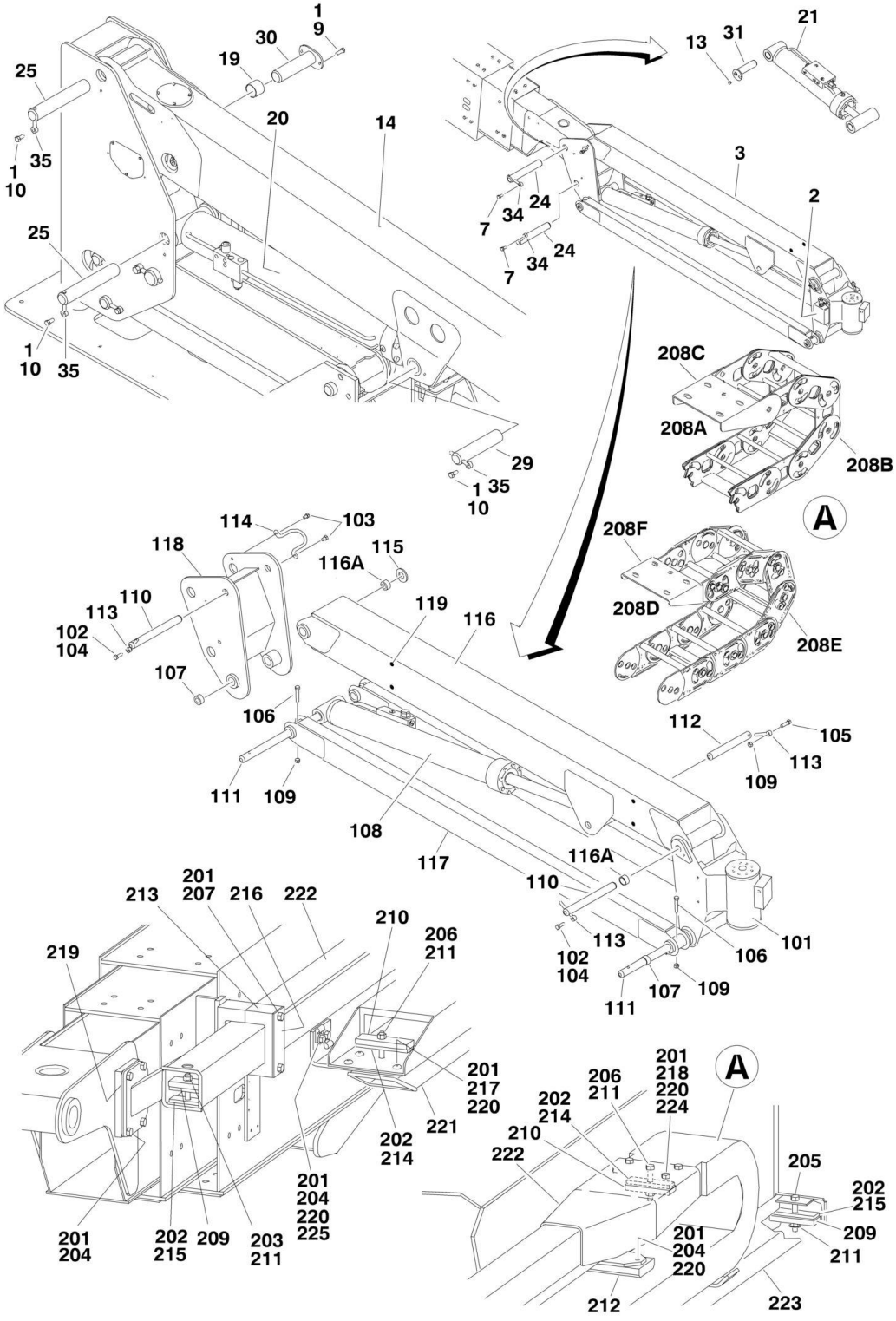


## FIGURE 3-2. MAIN BOOM INSTALLATION - 800S

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **BOOM AND CYLINDERS INSTALLATION - 800S** | |
| | 0270876 | Ref | **Boom and Cylinders Installation (SN 0300140000 through 0300182108)** | N |
| | 1001155751 | Ref | **Boom and Cylinders Installation (SN 0300182109 through 0300182743)** | B |
| | 1001155751 | Ref | **Boom and Cylinders Installation (SN B300000100 through B300001091)** | B |
| 1 | 0060061 | 1 | Rotator Assembly (See ROTATOR ASSEMBLY for Breakdown) | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0273695 | 1 | Platform Level Sensor Switch Assembly (See PLATFORM SUPPORT AND CONTROL VALVES INSTALLATION for Breakdown) | |
| 6 | 0641608 | 1 | Bolt 3/8in-16NC x 1in | |
| 8 | 0642014 | 2 | Bolt 5/8in-11NC x 1-3/4in | |
| 9 | 0642212 | 3 | Bolt 3/4in-10NC x 1-1/2in | |
| 12 | 0741605 | 1 | Bolt 3/8in-16NC x 5/8in | |
| 13 | | Ref | Main Boom Assembly (See MAIN BOOM ASSEMBLY for Breakdown) | |
| 13 | 0801274 | 1 | Main Boom Assembly **(SN 0300140000 through 0300182108)** | |
| 13 | 1001155760 | 1 | Main Boom Assembly **(SN 0300182109 through 0300182743)** | |
| 13 | 1001155760 | 1 | Main Boom Assembly **(SN B300000100 through B300001091)** | |
| 18 | 0962297 | 2 | Bushing | |
| 19 | 1684189 | NLA | Platform Level Cylinder Assembly (Use p/n 1001228027) (Original Equipment) (See CYLINDER SECTION for Breakdown) | |
| 19 | 1001228027 | 1 | Platform Level Cylinder Assembly (See CYLINDER SECTION for Breakdown) (Service Replacement) | |
| 20 | 1684199 | NLA | Lift Cylinder Assembly - Main (Use p/n 1001228028) (Original Equipment) (See CYLINDER SECTION for Breakdown) | |
| 20 | 1001228028 | 1 | Lift Cylinder Assembly - Main (See CYLINDER SECTION for Breakdown) (Service Replacement) | |
| 22 | 3422580 | 1 | Pin | |
| 23 | 3422562 | 1 | Pin | |
| 24 | 3422569 | 1 | Pin | |
| 25 | 3422908 | 2 | Pin | |
| 29 | | Ref | Pin Options: | |
| 29 | 3422922 | 1 | Pin **(SN 0300140000 through 0300182108)** | |
| 29 | 3422920 | 1 | Pin **(SN 0300182109 through 0300182743)** | |
| 29 | 3422920 | 1 | Pin **(SN B300000100 through B300001091)** | |
| 31 | 3422931 | 1 | Pin | |
| 34 | 3841143 | 1 | Keeper, Pin | |
| 35 | 3841287 | 3 | Keeper, Pin | |
| 42 | 3900192 | 1 | Screw 3/8in-16NC x 1/2in | |
| | 0271990 | Ref | **POWER TRACK INSTALLATION** | E |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0100081 | AR | Adhesive | |
| 103 | 0630539 | 1 | Bolt 3/8in-16NC x 3-1/2in | |
| 104 | 0641606 | 12 | Bolt 3/8in-16NC x 3/4in | |
| 105 | 0641608 | 4 | Bolt 3/8in-16NC x 1in | |
| 106 | 0641620 | 1 | Bolt 3/8in-16NC x 2-1/2in | |
| 107 | 0641622 | 2 | Bolt 3/8in-16NC x 2-3/4in | |
| 108 | 0641652 | 2 | Bolt 3/8in-16NC x 6-1/2in | |
| 109 | | Ref | Power Track Assembly Options: | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment Power Track may have been replaced with a Service Replacement. Visually identify the power track before ordering parts.** | |
| 109A | 1180375 | NLA | Power Track Assembly (USA Built Machines) (Use p/n 1001131731) **(SN 0300140000 through 0300155911)** | |
| 109A | 1180375 | NLA | Power Track Assembly (China Built Machines) (Use p/n 1001131731) **(SN B300000100 through B300000516)** | |
| 109B | 7024369 | AR | Repair Section for 1180375 (Includes Inner and Outer Links, Joining Bars and Rollers and Assembling Hardware) | |
| 109C | 7024370 | 1 | Mounting Feet for 1180375 (Includes Mounting Brackets for Both Ends, 1 Roller Assembly and Assembling Hardware) | |
| 109D | 1001131731 | 1 | Power Track Assembly (USA Built Machines) **(SN 0300155912 through 0300182743)** | |
| 109D | 1001131731 | 1 | Power Track Assembly (China Built Machines) **(SN B300000517 through B300001091)** | |
| 109E | 70003921 | AR | Repair Section for 1001131731 (Includes 1 Pin Assembly for each end) | |
| 109F | 70003922 | 1 | Mounting Feet for 1001131731 (Includes Both Pair of Feet) | |
| 110 | 1320263 | 2 | Clamp, Cable (3/8 Dia) | |
| 110 | 1320061 | 1 | Clamp, Cable (5/8 Dia with Black Vinyl Coating) | |
| 111 | 1320289 | 2 | Clamp, Hose | |
| 112 | 1320294 | 2 | Bar, Clamping | |
| 113 | 3311605 | 4 | Locknut 3/8in-16NC | |
| 114 | 3340787 | 1 | Pad, Wear | |
| 115 | 3340936 | 2 | Pad, Push Tube | |
| 116 | 3340942 | 2 | Pad, Rubber | |
| 117 | 3340943 | 4 | Pad, Rubber | |
| 118 | 3573418 | 1 | Plate, Backing | |
| 119 | 3900283 | 4 | Screw, Button Head 3/8in-16NC x 3/4in | |
| 120 | 3900316 | 4 | Screw, Button Head 3/8in-16NC x 1in | |
| 121 | 4070969 | 2 | Shim | |
| 122 | 4711600 | 20 | Flatwasher 3/8in Thin | |
| 123 | 4846553 | 2 | Support, Push Tube | |
| 124 | 4846554 | 1 | Tube, Push | |
| 125 | 4846558 | 1 | Support, Track | |
| 126 | 3311608 | 4 | Locknut 3/8in-16NC | |

## FIGURE 3-3. MAIN BOOM INSTALLATION - 860SJ



## FIGURE 3-3. MAIN BOOM INSTALLATION - 860SJ

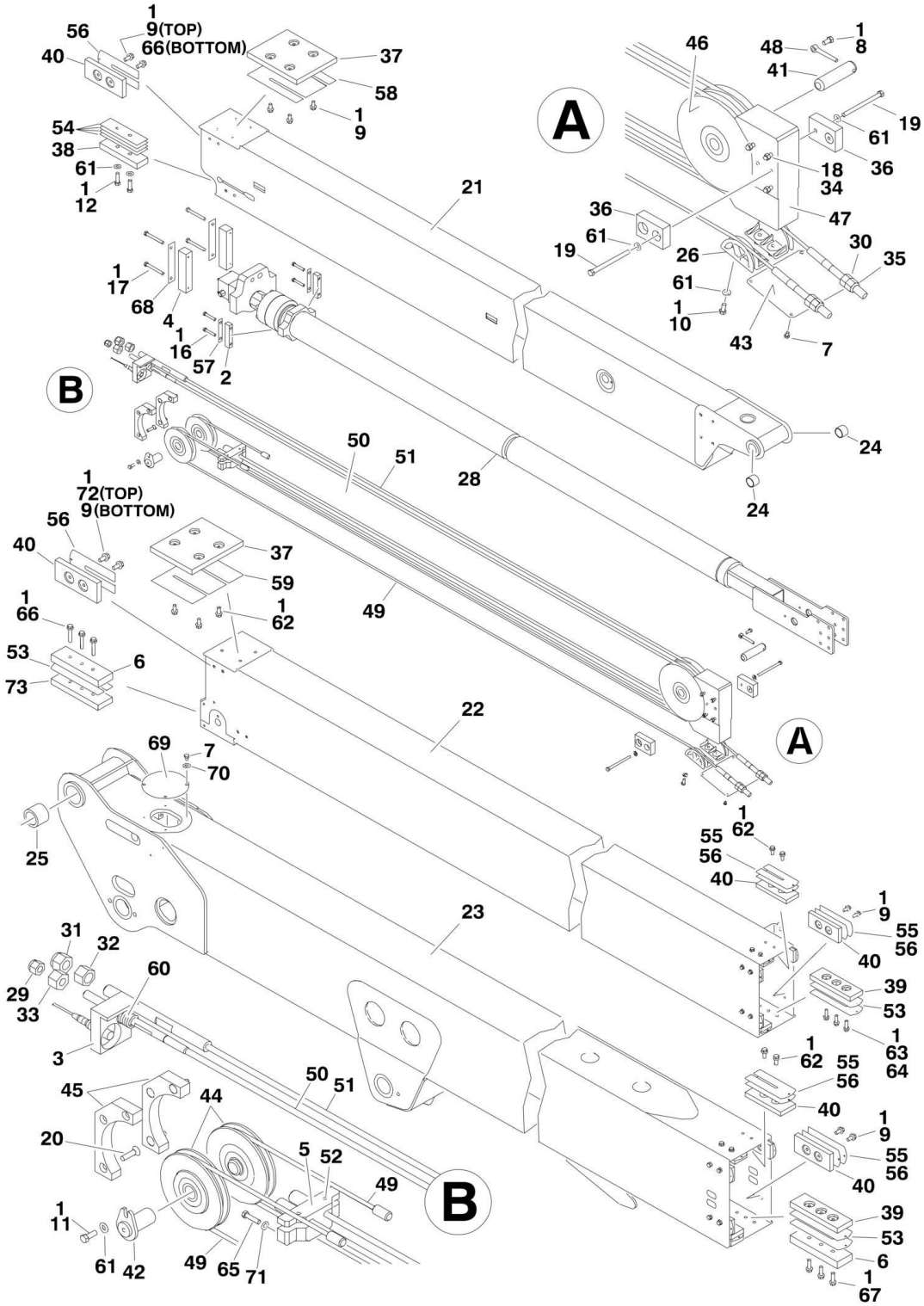
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **BOOM AND CYLINDERS INSTALLATION - 860SJ** | |
| | 0270877 | Ref | **Boom and Cylinders Installation (SN 0300140000 through 0300182108)** | M |
| | 1001155752 | Ref | **Boom and Cylinders Installation (SN 0300182109 through 0300182743)** | C |
| | 1001155752 | Ref | **Boom and Cylinders Installation (SN B300000100 through B300001091)** | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0273695 | 1 | Platform Level Sensor Switch Assembly (See PLATFORM SUPPORT AND CONTROL VALVES INSTALLATION for Breakdown) | |
| 3 | 0271444 | 1 | Jib Assembly (See Items 101-120 for Breakdown) | |
| 7 | 0641808 | 2 | Bolt 1/2in-13NC x 1in | |
| 9 | 0642014 | 2 | Bolt 5/8in-11NC x 1-3/4in | |
| 10 | 0642212 | 3 | Bolt 3/4in-10NC x 1-1/2in | |
| 13 | 3900192 | 1 | Screw 3/8in-16NC x 1/2in | |
| 14 | | Ref | Main Boom Assembly (See MAIN BOOM ASSEMBLY for Breakdown) | |
| 14 | 0801281 | 1 | Main Boom Assembly **(SN 0300140000 through 0300182108)** | |
| 14 | 1001155762 | 1 | Main Boom Assembly **(SN 0300182109 through 0300182743)** | |
| 14 | 1001155762 | 1 | Main Boom Assembly **(SN B300000100 through B300001091)** | |
| 19 | 0962297 | 2 | Bushing | |
| 20 | 1684202 | NLA | Lift Cylinder Assembly - Main (Use p/n 1001228029) (Original Equipment) (See CYLINDER SECTION for Breakdown) | |
| 20 | 1001228029 | 1 | Lift Cylinder Assembly - Main (Service Replacement) (See CYLINDER SECTION for Breakdown) | |
| 21 | 1684136 | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001228022) (Original Equipment) (See CYLINDER SECTION for Breakdown) **(SN 0300140000 through 0300173218)** | |
| 21 | 1001228022 | 1 | Level Cylinder Assembly - Platform Slave (See CYLINDER SECTION for Breakdown) (Service Replacement) | |
| 21 | 1001140459 | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001228022) (Original Equipment) (See CYLINDER SECTION for Breakdown) **(SN 0300173219 through 0300182113)** | |
| 21 | 1684136 | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001228022) (Original Equipment) (See CYLINDER SECTION for Breakdown) **(SN 0300182114 through 0300182743)** | |
| 21 | 1001228022 | 1 | Level Cylinder Assembly - Platform Slave (Service Replacement) (See CYLINDER SECTION for Breakdown) | |
| 21 | 1684136 | NLA | Level Cylinder Assembly - Platform Slave (Use p/n 1001228022) (Original Equipment) (See CYLINDER SECTION for Breakdown) **(SN B300000100 through B300001091)** | |
| 21 | 1001228022 | 1 | Level Cylinder Assembly - Platform Slave (Service Replacement) (See CYLINDER SECTIONfor Breakdown) | |
| 24 | 3422793 | 2 | Pin | |
| 25 | 3422908 | 2 | Pin | |
| 29 | | Ref | Pin Options: | |
| 29 | 3422922 | 1 | Pin **(SN 0300140000 through 0300182108)** | |
| 29 | 3422920 | 1 | Pin **(SN 0300182109 through 0300182743)** | |
| 29 | 3422920 | 1 | Pin **(SN B300000100 through B300001091)** | |
| 30 | 3422931 | 1 | Pin | |
| 31 | 3422932 | 1 | Pin | |
| 34 | 3841203 | 3 | Keeper, Pin | |
| 35 | 3841287 | 3 | Keeper, Pin | |

# SECTION 3 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0271444 | Ref | **JIB ASSEMBLY** | H |
| 101 | 0060048 | 1 | Rotator Assembly (See ROTATOR ASSEMBLY for Breakdown) | |
| 102 | 0100011 | AR | Compound, Locking | |
| 103 | 0641604 | 2 | Bolt 3/8in-16NC x 1/2in | |
| 104 | 0641608 | 2 | Bolt 3/8in-16NC x 1in | |
| 105 | 0641610 | 1 | Bolt 3/8in-16NC x 1-1/4in | |
| 106 | 0641618 | 4 | Bolt 3/8in-16NC x 2-1/4in | |
| 107 | 0961947 | AR | Bushing | |
| 108 | 1683609 | NLA | Jib Lift Cylinder Assembly (Use p/n 1001248012) (Original Equipment) (See CYLINDER SECTION for Breakdown) | |
| 108 | 1001228012 | NLA | Jib Lift Cylinder Assembly (Use p/n 1001248012) (Original Equipment) (See CYLINDER SECTION for Breakdown) | |
| 108 | 1001248012 | 1 | Jib Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown) (Service Replacement) | |
| 109 | 3311605 | 5 | Locknut 3/8in-16NC | |
| 110 | 3422860 | 2 | Pin | |
| 111 | 3422861 | 2 | Pin | |
| 112 | 3422867 | 1 | Pin | |
| 113 | 3841143 | 3 | Keeper, Pin | |
| 114 | 3841340 | 1 | Loop, Hose | |
| 115 | 4740439 | 2 | Thrustwasher | |
| 116 | 4844816 | 1 | Link, Jib (Upper) | |
| 116A | 0962335 | 4 | Bushing | |
| 117 | 4844817 | 2 | Link, Jib (Lower) | |
| 118 | 4846435 | 1 | Pivot, Jib | |
| 119 | 3520034 | 4 | Plug, Hole | |
| | 0271991 | Ref | **POWER TRACK INSTALLATION** | F |
| 201 | 0100011 | AR | Compound, Locking | |
| 202 | 0100081 | AR | Adhesive | |
| 203 | 0630539 | 1 | Bolt 3/8in-16NC x 3-1/2in | |
| 204 | 0641606 | 16 | Bolt 3/8in-16NC x 3/4in | |
| 205 | 0641620 | 1 | Bolt 3/8in-16NC x 2-1/2in | |
| 206 | 0641622 | 2 | Bolt 3/8in-16NC x 2-3/4in | |
| 207 | 0641652 | 2 | Bolt 3/8in-16NC x 6-1/2in | |
| 208 | | Ref | Power Track Assembly Options: | |
| | | Ref | **Note: Original Equipment Power Track may have been replaced with a Service Replacement. Visually identify the power track before ordering parts.** | |
| 208A | 1180375 | NLA | Power Track Assembly (USA Built Machines) (Use p/n 1001131731) **(SN 0300140000 through 0300155911)** | |
| 208A | 1180375 | NLA | Power Track Assembly (China Built Machines) (Use p/n 1001131731) **(SN B300000100 through B300000516)** | |
| 208B | 7024369 | AR | Repair Section for 1180375 (Includes Inner and Outer Links, Joining Bars and Rollers and Assembling Hardware) | |
| 208C | 7024370 | 1 | Mounting Feet for 1180375 (Includes Mounting Brackets for Both Ends, 1 Roller Assembly and Assembling Hardware) | |
| 208D | 1001131731 | 1 | Power Track Assembly (USA Built Machines) **(SN 0300155912 through 0300182743)** | |
| 208D | 1001131731 | 1 | Power Track Assembly (China Built Machines) **(SN B300000517 through B300001091)** | |
| 208E | 70003921 | AR | Repair Section for 1001131731(Includes 1 Pin Assembly for each end) | |
| 208F | 70003922 | 1 | Mounting Feet for 1001131731(Includes Both Pair of Feet) | |
| 209 | 1320289 | 2 | Clamp, Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 210 | 1320294 | 2 | Bar, Clamping | |
| 211 | 3311605 | 4 | Locknut 3/8in-16NC | |
| 212 | 3340787 | 1 | Pad, Wear | |
| 213 | 3340936 | 2 | Pad, Push Tube | |
| 214 | 3340942 | 2 | Pad, Rubber | |
| 215 | 3340943 | 4 | Pad, Rubber | |
| 216 | 3573418 | 1 | Plate, Backing | |
| 217 | 3900283 | 4 | Screw, Button Head 3/8in-16NC x 3/4in | |
| 218 | 3900316 | 4 | Screw, Button Head 3/8in-16NC x 1in | |
| 219 | 4070969 | 2 | Shim | |
| 220 | 4711600 | 20 | Flatwasher 3/8in Thin | |
| 221 | 4846553 | 1 | Support, Push Tube | |
| 222 | 4846555 | 1 | Tube, Push | |
| 223 | 4846558 | 1 | Support, Track | |
| 224 | 3311608 | 4 | Locknut 3/8in-16NC | |
| 225 | 1320263 | 2 | Clamp, Cable (3/8 Dia) | |
| 225 | 1320061 | 1 | Clamp, Cable (5/8 Dia with Black Vinyl Coating) | |

## FIGURE 3-4. MAIN BOOM ASSEMBLIES



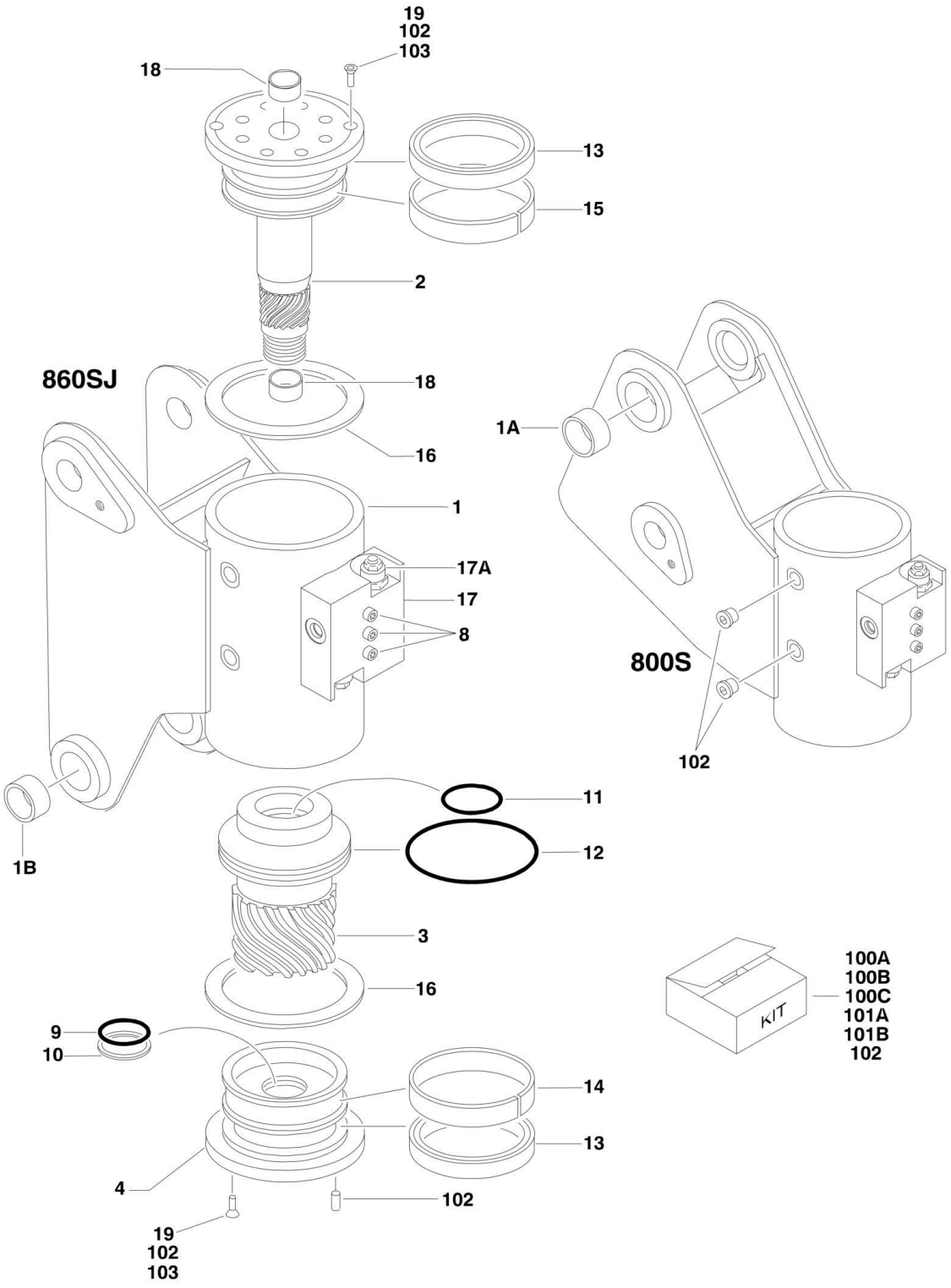
## FIGURE 3-4. MAIN BOOM ASSEMBLIES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **MAIN BOOM ASSEMBLY OPTIONS:** | |
| | 0801274 | Ref | **Main Boom Assembly 800S (SN 0300140000 through 0300182108)** | L |
| | 1001155760 | Ref | **Main Boom Assembly 800S (SN 0300182109 through 0300182743)** | B |
| | 1001155760 | Ref | **Main Boom Assembly 800S (SN B300000100 through B300001091)** | B |
| | 0801281 | Ref | **Main Boom Assembly 860SJ (SN 0300140000 through 0300182108)** | M |
| | 1001155763 | Ref | **Main Boom Assembly 860SJ (SN 0300182109 through 0300182743)** | B |
| | 1001155763 | Ref | **Main Boom Assembly 860SJ (SN B300000100 through B300001091)** | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0561445 | 1 | Block, Spring Mounting | |
| 4 | 0561446 | 2 | Block, Tele Mount | |
| 5 | 0561447 | 1 | Block, Cable Mount | |
| 6 | 0561449 | 3 | Block, Spacer | |
| 7 | 0641403 | 8 | Bolt 1/4in-20NC x 3/8in | |
| 8 | 0641606 | 1 | Bolt 3/8in-16NC x 3/4in | |
| 9 | 0811606 | 28 | Screw 3/8in-16NC x 3/4in | |
| 10 | 0641607 | 4 | Bolt 3/8in-16NC x 7/8in | |
| 11 | 0641608 | 2 | Bolt 3/8in-16NC x 1in | |
| 12 | 0641610 | 4 | Bolt 3/8in-16NC x 1-1/4in | |
| 16 | 0641616 | 4 | Bolt 3/8in-16NC x 2in | |
| 17 | 0641626 | 4 | Bolt 3/8in-16NC x 3-1/4in | |
| 18 | 0641634 | 4 | Bolt 3/8in-16NC x 4 1/4in | |
| 19 | 0641640 | 2 | Bolt 3/8in-16NC x 5in | |
| 20 | 0741612 | 6 | Screw, Flathead 3/8in-16NC x 1-1/2in | |
| 21 | | Ref | Fly Weldment Options: | |
| 21 | 0801275 | 1 | Fly Weldment 800S | |
| 21 | 0801282 | 1 | Fly Weldment 860SJ | |
| 22 | | Ref | Mid Weldment Options: | |
| 22 | 0801649 | 1 | Mid Weldment 800S | |
| 22 | 0801647 | 1 | Mid Weldment 860SJ | |
| 23 | | Ref | Base Weldment Options: | |
| 23 | 0801325 | 1 | Base Weldment 800S **(SN 0300140000 through 0300182108)** | |
| 23 | 1001155770 | 1 | Base Weldment 800S **(SN 0300182109 through 0300182743)** | |
| 23 | 1001155770 | 1 | Base Weldment 800S **(SN B300000100 through B300001091)** | |
| 23 | 0801326 | 1 | Base Weldment 860SJ **(SN 0300140000 through 0300182108)** | |
| 23 | 1001155771 | 1 | Base Weldment 860SJ **(SN 0300182109 through 0300182743)** | |
| 23 | 1001155771 | 1 | Base Weldment 860SJ **(SN B300000100 through B300001091)** | |
| 24 | 0961948 | 2 | Bearing (860SJ Only) | |
| 25 | 0962297 | 2 | Bearing | |
| 26 | 1220078 | 2 | Sheave, Block | |
| 28 | | Ref | Telescope Cylinder Assembly Options (See CYLINDER SECTION for Breakdown): | |
| 28 | 1684041 | NLA | Telescope Cylinder Assembly (Use p/n 1001228081) (Original Equipment) 800S | |
| 28 | 1001177317 | NLA | Telescope Cylinder Assembly (Use p/n 1001228081) (Service | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | Replacement) 800S | |
| 28 | 1001228081 | 1 | Telescope Cylinder Assembly (Service Replacement) 800S | |
| 28 | 1684043 | NLA | Telescope Cylinder Assembly (Use p/n 1001228083) (Original Equipment) 860SJ | |
| 28 | 1001181588 | NLA | Telescope Cylinder Assembly (Use p/n 1001228083) (Service Replacement) 860SJ | |
| 28 | 1001228083 | 1 | Telescope Cylinder Assembly (Service Replacement) 860SJ | |
| 29 | 3300240 | 1 | Nut | |
| 30 | 3300241 | 2 | Locknut 3/4in-10NC | |
| 31 | 3300242 | 1 | Locknut 7/8in-9NC | |
| 32 | 3272401 | 1 | Nut 7/8in-9NC | |
| 33 | 3272001 | 1 | Nut 5/8in-11NC | |
| 34 | 3311605 | 4 | Locknut 3/8in-16NC | |
| 35 | 3312201 | 2 | Nut 3/4in-10NC | |
| 36 | | Ref | Pad, Wear Options; | |
| 36 | 3340755 | 2 | USA Built Machines **(SN 0300140000 through 0300169344)** | |
| 36 | 1001148651 | 2 | USA Built Machines **(SN 0300169345 through 0300182743)** | |
| 36 | 3340755 | 2 | China Built Machines **(SN B300000100 through B300000748)** | |
| 36 | 1001148651 | 2 | China Built Machines **(SN B300000749 through B300001091)** | |
| 37 | 3340757 | 2 | Pad, Wear | |
| 38 | | Ref | Pad, Rubber Options: | |
| 38 | 3340758 | 2 | USA Built Machines **(SN 0300140000 through 0300169344)** | |
| 38 | 1001148650 | 2 | USA Built Machines **(SN 0300169345 through 0300182743)** | |
| 38 | 3340758 | 2 | China Built Machines **(SN B300000100 through B300000748)** | |
| 38 | 1001148650 | 2 | China Built Machines **(SN B300000749 through B300001091)** | |
| 39 | 3340871 | 4 | Pad, Wear | |
| 40 | | Ref | Pad, Rubber Options: | |
| 40 | 3340881 | 20 | USA Built Machines **(SN 0300140000 through 0300169344)** | |
| 40 | 1001148652 | 20 | USA Built Machines **(SN 0300169345 through 0300182743)** | |
| 40 | 3340881 | 20 | China Built Machines **(SN B300000100 through B300000748)** | |
| 40 | 1001148652 | 20 | China Built Machines **(SN B300000749 through B300001091)** | |
| 41 | 3422417 | 1 | Pin, Extend Sheave | |
| 42 | 3422424 | 2 | Pin | |
| 43 | 3539622 | 1 | Plate, Cover | |
| 44 | 3580243 | 2 | Sheave, Retract | |
| 44 | 0961951 | 1 | Bushing | |
| 45 | 3580249 | 2 | Guard, Sheave | |
| 46 | 3580288 | 1 | Sheave, Extend | |
| 46 | 0961951 | 2 | Bushing | |
| 47 | 3580289 | 1 | Guard, Sheave | |
| 48 | 3841143 | 1 | Keeper, Pin | |
| 49 | | Ref | Cable, Wire Rope | |
| 49 | 3890013 | 2 | Cable, Wire Rope 800S | |
| 49 | 3890016 | 2 | Cable, Wire Rope 860SJ | |
| 50 | | Ref | Cable, Wire Rope | |
| 50 | 3890014 | 1 | Cable, Wire Rope 800S | |
| 50 | 3890017 | 1 | Cable, Wire Rope 860SJ | |
| 51 | | Ref | Cable, Wire Rope | |
| 51 | 3890015 | 1 | Cable, Wire Rope 800S | |
| 51 | 3890018 | 1 | Cable, Wire Rope 860SJ | |
| 52 | 3951608 | 2 | Setscrew 3/8in-16NC x 1in | |
| 53 | 4070863 | 5 | Shim (#11 Gauge) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 54 | 4070895 | 8 | Shim (#16 Gauge) | |
| 55 | 4070897 | 10 | Shim (#18 Gauge) | |
| 56 | 4070898 | 22 | Shim (#11 Gauge) | |
| 57 | 4070929 | 2 | Shim (#16 Gauge) | |
| 58 | 4070939 | 1 | Shim (#16 Gauge) | |
| 59 | 4070940 | 1 | Shim (#16 Gauge) | |
| 60 | 4160149 | 1 | Spring, Torsion | |
| 61 | 4711600 | 12 | Flatwasher 3/8in Thin | |
| 62 | 0811607 | 8 | Screw 3/8in-16NC x 7/8in | |
| 63 | 0811608 | 6 | Screw 3/8in-16NC x 1in | |
| 64 | 0811610 | 6 | Screw 3/8in-16NC x 1-1/4in | |
| 65 | 0641613 | 2 | Screw 3/8in-16NC x 1-5/8in | |
| 66 | 0811614 | 6 | Screw 3/8in-16NC x 1-3/4in | |
| 67 | 0811616 | 6 | Screw 3/8in-16NC x 2in | |
| 68 | 4071020 | 2 | Shim (#16 Gauge) | |
| 69 | 1120510 | 1 | Cover, Pin | |
| 70 | 4751400 | 4 | Flatwasher 1/4in Regular | |
| 71 | 4891600 | 2 | Flatwasher 3/8in Hardened | |
| 72 | 0641613 | 4 | Screw 3/8in-16NC x 1-5/8in | |
| 73 | | Ref | Pad, Wear | |
| 73 | 3340871 | 1 | USA Built Machines **(SN 0300140000 through 0300169344)** | |
| 73 | 1001148653 | 1 | USA Built Machines **(SN 0300169345 through 0300182743)** | |
| 73 | 3340871 | 1 | China Built Machines **(SN B300000100 through B300000748)** | |
| 73 | 1001148653 | 1 | China Built Machines **(SN B300000749 through B300001091)** | |

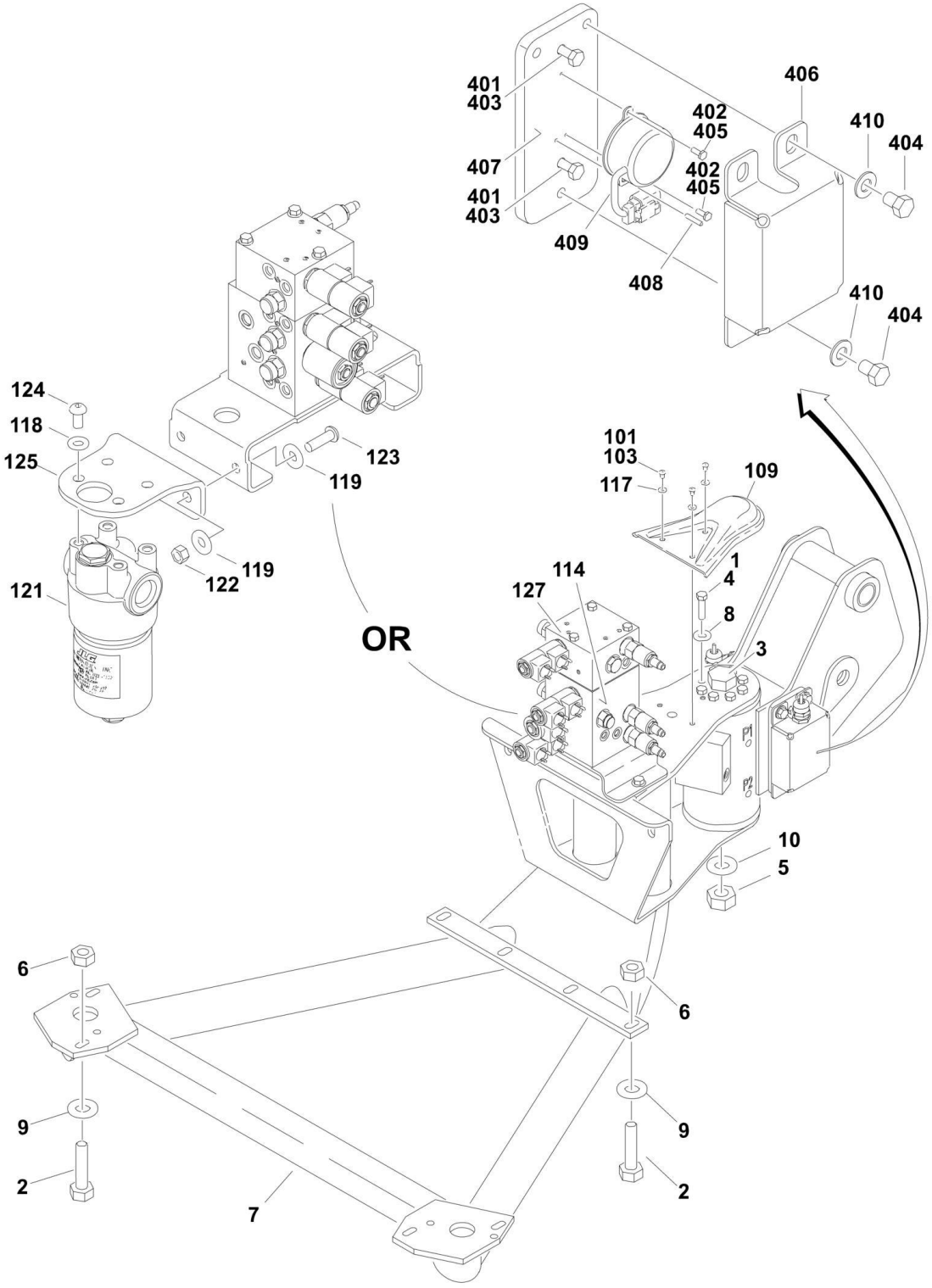
## FIGURE 3-5. ROTATOR ASSEMBLIES

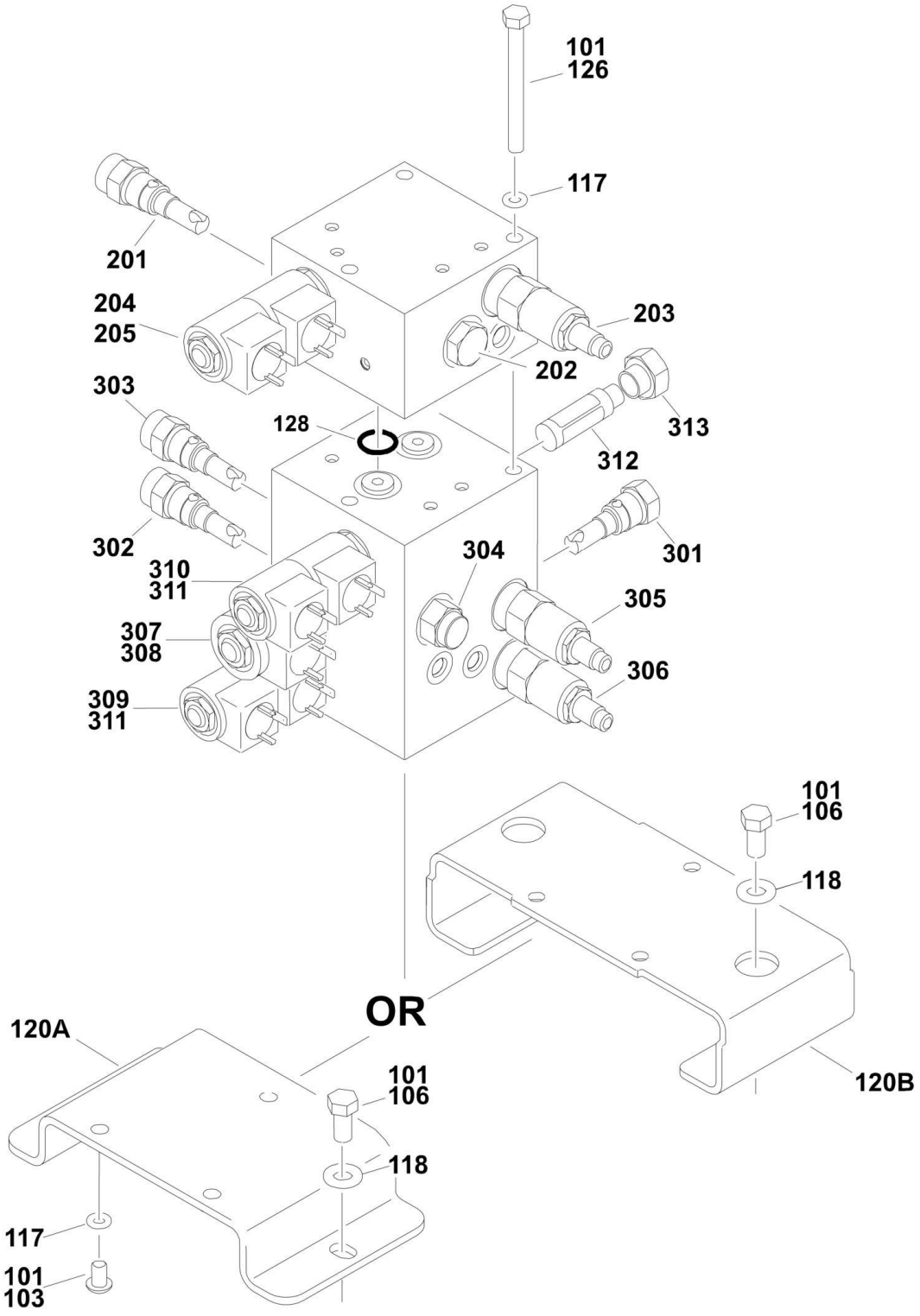


## FIGURE 3-5. ROTATOR ASSEMBLIES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **ROTATOR ASSEMBLIES** | |
| | 0060061 | Ref | **Rotator Assemblies 800S** | I |
| | 0060048 | Ref | **Rotator Assemblies 860SJ** | I |
| 1 | | Ref | Case/Bracket Weldment | |
| 1 | 7017175 | 1 | 0060061 Rotator | |
| 1 | 7017141 | 1 | 0060048 Rotator | |
| 1A | | Ref | Bushing Options: (Top) | |
| 1A | 0961951 | 2 | 0060061 Rotator | |
| 1A | Not Required | 0 | 0060048 Rotator | |
| 1B | | Ref | Bushing Options: (Bottom) | |
| 1B | Not Required | 0 | 0060061 Rotator | |
| 1B | 0961947 | 2 | 0060048 Rotator | |
| 2 | | Ref | Shaft Options: | |
| 2 | 7017162 | 1 | 0060061 Rotator | |
| 2 | 7017140 | 1 | 0060048 Rotator | |
| 3 | | Ref | Sleeve, Piston Options: | |
| 3 | 7017163 | 1 | 0060061 Rotator | |
| 3 | 7017139 | 1 | 0060048 Rotator | |
| 4 | 7017164 | 1 | Cap, End | |
| 8 | See Note | NSS | Bolt 1/4in-20NC x 1-1/2in (Grade 8) (Note: Purchase Locally) | |
| 9 | See Note | NSS | Seal, Cap (Note: Use Items 100A, 100B & 100C) | |
| 10 | See Note | NSS | Ring, Back-up Cap (Note: Use Items 100A, 100B & 100C) | |
| 11 | See Note | NSS | Seal, Rod (Note: Use Items 100A, 100B & 100C) | |
| 12 | See Note | NSS | Seal, Piston (Note: Use Items 100A, 100B & 100C) | |
| 13 | See Note | NSS | Packing, Bearing (Note: Use Items 100A, 100B & 100C) | |
| 14 | See Note | NSS | Bearing, Cap (Note: Use Items 101A & 101B) | |
| 15 | See Note | NSS | Bearing, Shaft (Note: Use Items 101A & 101B) | |
| 16 | See Note | NSS | Thrustwasher (Note: Use Items 101A & 101B) | |
| 17 | | Ref | Counterbalance Valve Assembly Options: | |
| 17 | 7017172 | 1 | 0060061 Rotator | |
| 17 | 7017125 | 1 | 0060048 Rotator | |
| 17A | | Ref | Valve, Cartridge Options: | |
| 17A | 7017192 | 2 | 0060061 Rotator | |
| 17A | 7011323 | 2 | 0060048 Rotator | |
| 17A | | Ref | Seal Kit (1 Per Assembly) | |
| 17A | See Note | NSS | 7017192 Cartridge (Note: Use p/n 7017192) | |
| 17A | 2900770 | 2 | 7011323 Cartridge | |
| 18 | 7017136 | 2 | Bushing | |
| 19 | 70001697 | 6 | Screw, Countersunk (0060048 Rotator) | |
| | | Ref | **KIT OPTIONS:** | |
| 100 | | Ref | Seal Kit Options: (Includes Items 9-13 & 102) | |
| 100A | 7017158 | 1 | 0060061 Rotators (Standard) | |
| 100B | 70000342 | 1 | 0060061 Rotators (Low Temperature) | |
| 100C | 7017137 | 1 | 0060048 Rotator | |
| 101 | | Ref | Bearing Kit Options: (Includes Items 14-16) | |
| 101A | 7017159 | 1 | 0060061 Rotators | |
| 101B | 7017138 | 1 | 0060048 Rotator | |
| 102 | 7017142 | 1 | Hardware Kit (Includes End Cap Dowel Pins, Plugs and 103) | |
| 103 | 70001697 | 4 | Screw, Countersunk 1/4in-20NC x 3/8in (Grade 8) | |

## FIGURE 3-6. PLATFORM SUPPORT AND CONTROL VALVES INSTALLATIONS




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OR
120A
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120B

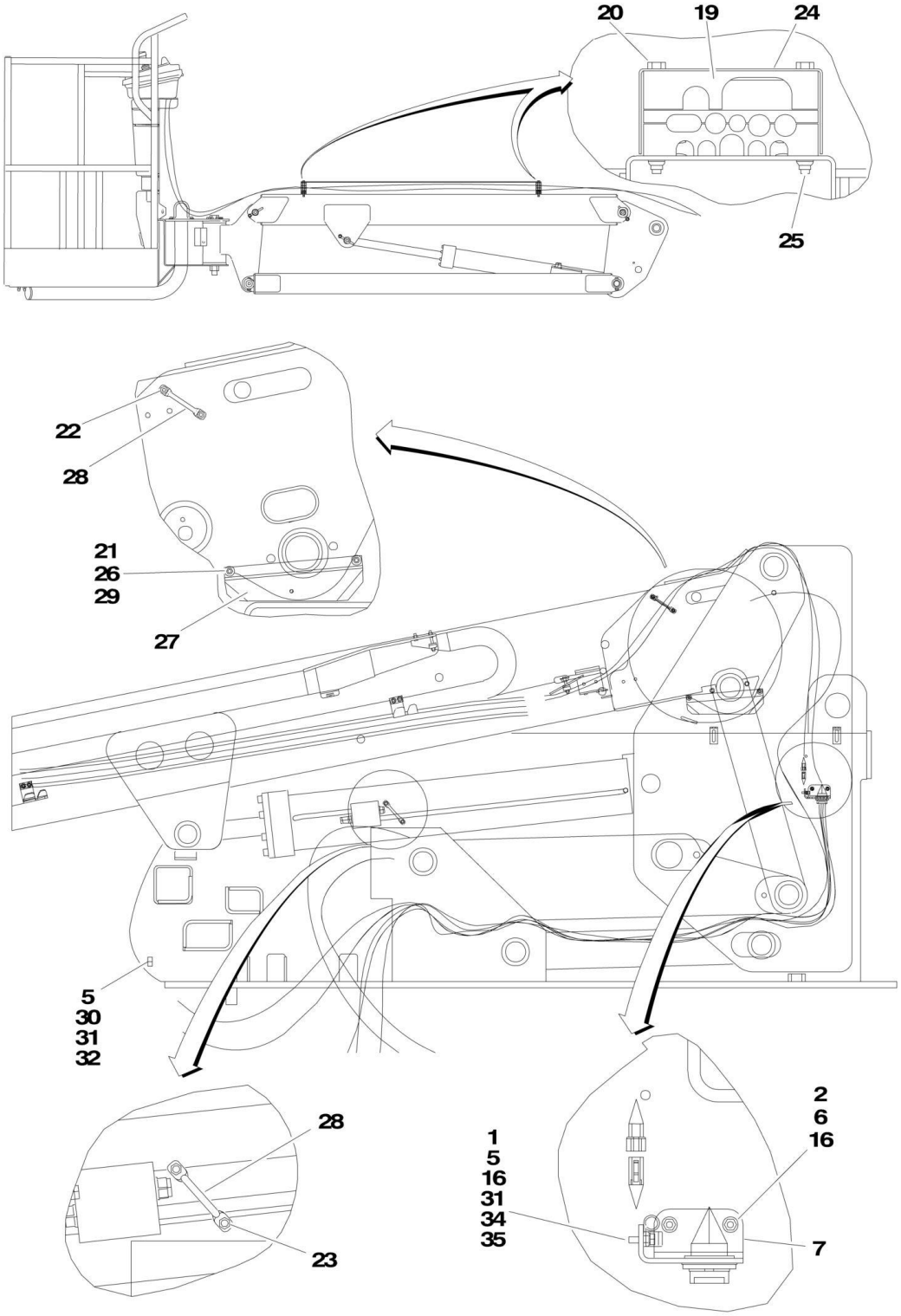
## FIGURE 3-6. PLATFORM SUPPORT AND CONTROL VALVES INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **PLATFORM SUPPORT INSTALLATION** | |
| | 0272070 | Ref | **Side Entry Platform Machines without Load Sensing and without SkyGlazier** | E |
| | See Note | Ref | **Side Entry Platform Machines without Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124242)** | |
| | See Note | Ref | **Side Entry Platform Machines with Load Sensing and without SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287)** | |
| | See Note | Ref | **Side Entry Platform Machines with Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287)** | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641812 | 8 | Bolt 1/2in-13NC x 1-1/2in | |
| 3 | 0642684 | 1 | Bolt 1in-8NC x 10-1/2in | |
| 4 | 0681608 | 8 | Bolt 3/8in-16NC x 1in (Grade 8) | |
| 5 | 3300243 | 1 | Locknut 1in-8NC | |
| 6 | 3311805 | 8 | Locknut 1/2in-13NC | |
| 7 | 4846573 | 1 | Support Weldment | |
| 8 | 4891600 | 8 | Flatwasher 3/8in Hardened | |
| 9 | 4891800 | 8 | Flatwasher 1/2in Hardened | |
| 10 | 4892600 | 1 | Flatwasher 1in Hardened | |
| | | Ref | **CONTROL VALVE INSTALLATIONS** | |
| | | Ref | **Control Valve Installations 800S** | |
| | 0274644 | Ref | **Machines without Hostile Environment** | K |
| | 0274644 | Ref | **Machines with Hostile Environment (USA Built Machines) (SN 0300140000 through 0300174926)** | K |
| | 1001155814 | Ref | **Machines with Hostile Environment (USA Built Machines) (SN 0300174927 through 0300182743)** | A |
| | 0274644 | Ref | **Machines with Hostile Environment (China Built Machines) (SN B300000100 through B300000803)** | K |
| | 1001155814 | Ref | **Machines with Hostile Environment (China Built Machines) (SN B300000804 through B300001091)** | A |
| | 0274645 | Ref | **Control Valve Installations 860SJ** | I |
| 101 | 0100011 | AR | Compound, Locking | |
| 103 | 0630467 | AR | Screw, Button Head | |
| 106 | 0641606 | 2 | Bolt 3/8in-16NC x 3/4in | |
| 109 | | Ref | Cover Options: | |
| 109 | | Ref | Cover 800S | |
| 109 | 1670964 | 1 | Machines without Hostile Environment | |
| 109 | 1670964 | 1 | Machines with Hostile Environment (USA Built Machines) **(SN 0300140000 through 0300174926)** | |
| 109 | Not Required | 0 | Machines with Hostile Environment (USA Built Machines) **(SN 0300174927 through 0300182743)** | |
| 109 | 1670964 | 1 | Machines with Hostile Environment (China Built Machines) **(SN B300000100 through B300000803)** | |
| 109 | Not Required | 0 | Machines with Hostile Environment (China Built Machines) **(SN B300000804 through B300001091)** | |
| 109 | 1670964 | 1 | Cover 860SJ | |
| 114 | | Ref | Valve, Level/Rotate Options (See Items 301-313 for Breakdown): | |
| 114 | 4641251 | 1 | USA Built Machines **(SN 0300140000 through 0300141318 Only)** | |
| 114 | 1001118473 | 1 | USA Built Machines **(SN 0300141319 through 0300182743** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **Only)** | |
| 114 | 1001118473 | 1 | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 117 | 4711500 | AR | Flatwasher 5/16in Thin | |
| 118 | 4711600 | 6 | Flatwasher 3/8in Thin | |
| 119 | 4751600 | AR | Flatwasher 3/8in Regular | |
| 120 | | Ref | Plate, Valve Mounting Options: | |
| 120A | 4846218 | 1 | USA Built Machines **(SN 0300140000 through 0300141318 Only)** | |
| 120B | 4341264 | 1 | USA Built Machines **(SN 0300141319 through 0300182743 Only)** | |
| 120B | 4341264 | 1 | China Built Machines Only **(SN B300000100 through B300001091)** | |
| 121 | 2120217 | 1 | Filter, High Pressure (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 121 | 2120217 | 1 | Filter, High Pressure (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 121 | 70002097 | 1 | Element, Filter | |
| 121 | 70001499 | 1 | Kit, Seal | |
| 121 | 70004328 | 1 | Plug, Indicator | |
| 122 | 3311605 | 2 | Locknut 3/8in-16NC (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 122 | 3311605 | 2 | Locknut 3/8in-16NC (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 123 | 3900232 | 2 | Screw 3/8in-16NC x 1-1/4in (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 123 | 3900232 | 2 | Screw 3/8in-16NC x 1-1/4in (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 124 | 3900283 | 4 | Screw 3/8in-16NC x 3/4in (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 124 | 3900283 | 4 | Screw 3/8in-16NC x 3/4in (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 125 | 0903530 | 1 | Bracket, Filter Mounting (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 125 | 0903530 | 1 | Bracket, Filter Mounting (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 126 | 0641526 | 3 | Bolt 5/16in-18NC x 3-1/4in (860SJ Only) | |
| 127 | | Ref | Valve, Jib (See Items 201-205 for Breakdown) | |
| 127 | Not Required | 0 | Valve, Jib 800S | |
| 127 | 4641186 | 1 | Valve, Jib 860SJ | |
| 128 | 3780117 | 2 | O-Ring (860SJ Only) | |
| 130 | 1001141137 | 1 | Harness, Upper Valve (Not Shown - See ELECTRICAL SECTION for Breakdown) | |
| | 4641186 | Ref | **JIB VALVE ASSEMBLY (860SJ ONLY)** | B |
| 201 | 7012965 | 1 | Valve, Cartridge | |
| 201 | 7012953 | 1 | Seal Kit - 7012965 Valve | |
| 202 | 7010542 | 1 | Valve, Load Shuttle | |
| 202 | 7010543 | 1 | Seal Kit - 7010542 Valve | |
| 203 | 7023915 | 1 | Valve, Relief | |
| 203 | 7012967 | 1 | Seal Kit - 7023915 Valve | |
| 204 | 7023922 | 1 | Valve, Solenoid | |
| 204 | 7017402 | 1 | Seal Kit - 7017452 Valve | |
| 205 | 7012944 | 2 | Coil | |
| | | Ref | **LEVEL/ROTATE VALVE ASSEMBLY** | |
| | 4641251 | Ref | **USA Built Machines (SN 0300140000 through 0300141318** | B |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **Only)** | |
| | 1001118473 | Ref | **USA Built Machines (SN 0300141319 through 0300182743 Only)** | A |
| | 1001118473 | Ref | **China Built Machines Only (SN B300000100 through B300001091)** | A |
| 301 | 7012955 | 1 | Valve, Check | |
| 301 | 7012967 | 1 | Seal Kit - 7012955 Valve | |
| 302 | 7023984 | 1 | Valve, Flow Regulator | |
| 302 | 7012953 | 1 | Seal Kit - 023984 Valves | |
| 303 | 7012989 | 1 | Valve, Flow Regulator | |
| 303 | 7012953 | 1 | Seal Kit - 7012989 Valve | |
| 304 | 7012965 | 1 | Valve, Flow Regulator | |
| 304 | 7012953 | 1 | Seal Kit - 7012965 Valves | |
| 305 | 7023983 | 1 | Valve, Relief (Level Up) | |
| 305 | 7012967 | 1 | Seal Kit - 7023983 Valve | |
| 306 | 7023911 | 1 | Valve, Relief (Level Down) | |
| 306 | 7012967 | 1 | Seal Kit - 7023911 Valve | |
| 307 | 7017479 | 1 | Valve, Solenoid (Pressure) | |
| 307 | 7012518 | 1 | Seal Kit - 7017479 Valve | |
| 308 | 7012943 | 1 | Coil | |
| 309 | 7023922 | 1 | Valve, Solenoid (Platform Level) | |
| 309 | 7017402 | 1 | Seal Kit - 7023922 Valve | |
| 310 | 7017452 | 1 | Valve, Solenoid (Rotator) | |
| 310 | 7017402 | 2 | Seal Kit - 7017452 Valve | |
| 311 | 7012944 | 4 | Coil | |
| 312 | 7021616 | 1 | Filter (Used on p/n 4641251 Valve Only) | |
| 313 | 7024832 | 1 | Plug (Used on p/n 4641251 Valve Only) | |
| | 0273695 | Ref | **LEVEL SENSOR SWITCH INSTALLATION** | C |
| 401 | 0100011 | AR | Compound, Locking | |
| 402 | 0100035 | AR | Compound, Locking | |
| 403 | 0641406 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 404 | 0641604 | 6 | Bolt 3/8in-16NC x 1/2in | |
| 405 | 3930606 | 4 | Capscrew #6-32NC x 3/8in | |
| 406 | 1671044 | 2 | Cover, Sensor | |
| 407 | 3200449 | 2 | Mount, Sensor | |
| 408 | 3440410 | 2 | Rollpin | |
| 409 | | Ref | Switch, Tilt Sensor Options: | |
| 409 | 4360544 | NLA | Sensor-Analog (USA Built Machines) (Use p/n 1001135114) **(SN 0300140000 through 0300161729 Only)** | |
| 409 | 1001133329 | 2 | Sensor-Digital (USA Built Machines) **(SN 0300161730 through 0300182743 Only)** | |
| 409 | 4360544 | NLA | Sensor-Analog (China Built Machines) (Use p/n 1001135114) **(SN B300000100 through B300000639 Only)** | |
| 409 | 1001133329 | 2 | Sensor-Digital (China Built Machines Only) **(SN B300000640 through B300001091)** | |
| 410 | 4711600 | 6 | Flatwasher 3/8in Thin | |

**FIGURE 3-7. BOOM CABLE CLAMPS INSTALLATIONS**



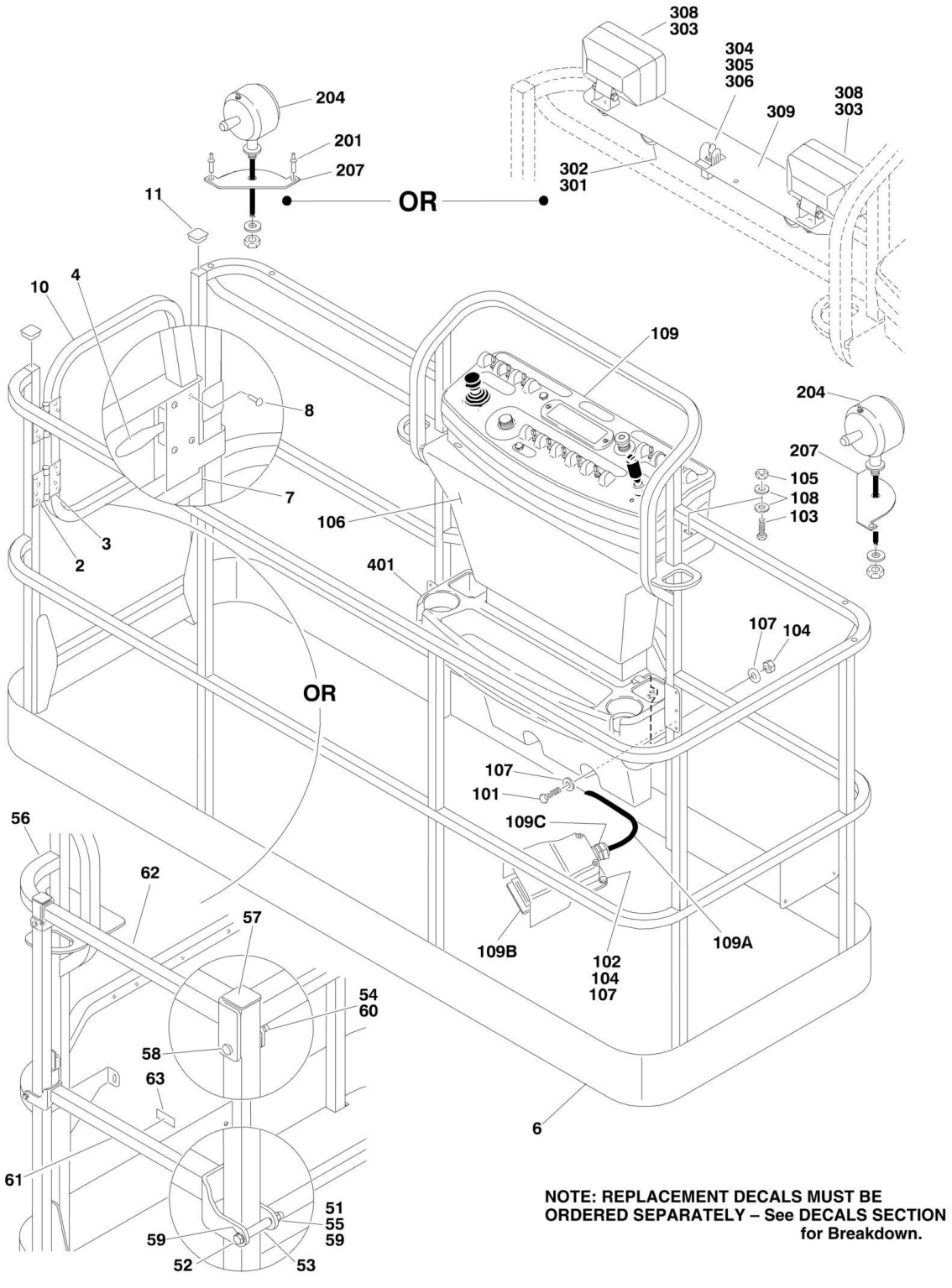
## FIGURE 3-7. BOOM CABLE CLAMPS INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **BOOM CABLE CLAMPS INSTALLATION** | |
| | | Ref | **Boom Cable Clamps Installation 800S** | |
| | 0271322 | Ref | **All Specs except Australian and CE Specs** | I |
| | 0271323 | Ref | **Australian and CE Specs Only** | I |
| | 0272388 | Ref | **All Specs except Australian and CE Specs with 7500W Generator and without Arctic Package** | G |
| | 1001117399 | Ref | **Australian and CE Specs Only with 7500W Generator and without Arctic Package** | B |
| | 1001091609 | Ref | **All Specs except Australian, CE and Japanese Specs without 7500W Generator and with Arctic Package** | C |
| | 1001091664 | Ref | **All Specs except Australian, CE and Japanese Specs with 7500W Generator and Arctic Package** | E |
| | | Ref | **Boom Cable Clamps Installation 860SJ** | |
| | 0271324 | Ref | **All Specs except Australian and CE Specs** | I |
| | 0271325 | Ref | **Australian and CE Specs Only** | K |
| | 0272389 | Ref | **All Specs except Australian and CE Specs with 7500W Generator and without Arctic Package** | F |
| | 1001117400 | Ref | **Australian and CE Specs Only with 7500W Generator and without Arctic Package** | B |
| | 0275586 | Ref | **All Specs except Australian, CE and Japanese Specs without 7500W Generator and with Arctic Package** | B |
| | 1001091665 | Ref | **All Specs except Australian, CE and Japanese Specs with 7500W Generator and with Arctic Package** | E |
| 1 | 0641408 | 1 | Bolt 1/4in-20NC x 1in | |
| 2 | 0641412 | 2 | Bolt 1/4in-20NC x 1-1/2in | |
| 5 | | Ref | Clamp Options: | |
| 5 | 1320223 | 2 | Machines without 7500W Generator | |
| 5 | Not Required | 0 | Machines with 7500W Generator | |
| 7 | 3573047 | 1 | Plate, Terminal Mounting | |
| 16 | 4711400 | 5 | Flatwasher 1/4in Thin | |
| 19 | | Ref | Block, Clamp (860SJ Only) Options: | |
| 19 | 0561484 | 2 | 0271324, 0271325, 0272389 & 1001117400 Installations | |
| 19 | 1001091472 | 2 | 0275586 & 1001091665 Installations | |
| 20 | 0641424 | 4 | Bolt 1/4in-20NC x 3in (860SJ Only) | |
| 21 | 0641511 | 2 | Bolt 5/16in-18NC x 1-3/8in | |
| 22 | 0641604 | 2 | Bolt 3/8in-16NC x 1/2in | |
| 23 | 0641607 | 2 | Bolt 3/8in-16NC x 7/8in | |
| 24 | 1671034 | 1 | Cover, Jib (860SJ Only) | |
| 25 | 2080044 | 4 | Rivnut (860SJ Only) | |
| 26 | 3311505 | 2 | Locknut 5/16in-18NC | |
| 27 | 3573296 | 1 | Plate, Hose Cover | |
| 28 | 3841340 | 2 | Loop, Hose | |
| 29 | 4751500 | 4 | Flatwasher 5/16in | |
| 30 | | Ref | Bolt 1/4in-20NC x 1-1/4in Options: | |
| 30 | 0641410 | 1 | Machines without 7500W Generator | |
| 30 | Not Required | 0 | Machines with 7500W Generator | |
| 31 | 3311405 | AR | Locknut 1/4in-20NC | |
| 32 | | Ref | Flatwasher 1/4in Regular Options: | |
| 32 | 4751400 | 1 | Machines without 7500W Generator | |
| 32 | Not Required | 0 | Machines with 7500W Generator | |
| 34 | 1320061 | 1 | Clamp | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 35 | 1320041 | 1 | Clamp (Machines with 7500W Generator Only) | |

# SECTION 4 - PLATFORM

## FIGURE 4-1. PLATFORM ASSEMBLIES



## FIGURE 4-1. PLATFORM ASSEMBLIES

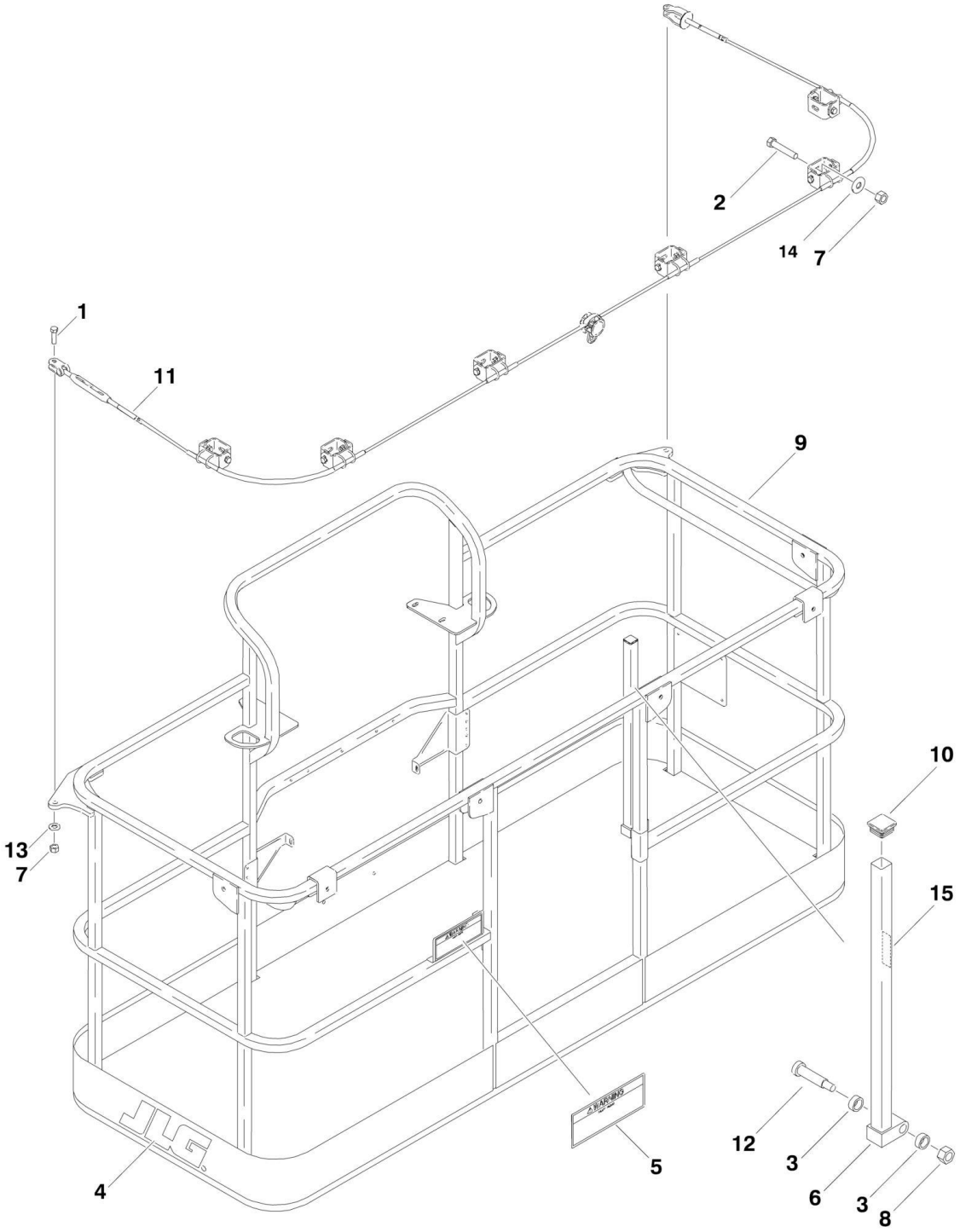
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **PLATFORM ASSEMBLIES:** | |
| | 3510830 | Ref | **Platform 30in x 4ft (76cm x 1.22m) with No Mesh (Use p/n 1001144027)** | B-M |
| | 3510831 | Ref | **Platform 30in x 5ft (76cm x 1.5m) with No Mesh (Use p/n 1001144026)** | B-L |
| | 3510833 | Ref | **Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (Use p/n 1001144024)** | B-I |
| | 3510822 | Ref | **Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (Use p/n 1001144023)** | B-J |
| | | Ref | **Note: For Platform with Mesh to Top Rail, Platform and Mesh must be ordered separately. See SPECIAL OPTIONS SECTION for Mesh Installations.** | |
| | | Ref | **Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.** | |
| | | Ref | **Note: When replacing 8ft/2.44m platform with Soft Touch option, new Soft Touch Rail p/n 4846673 must be purchased to accommodate limit switch locations.** | |
| | | Ref | **Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.** | |
| 2 | 2080040 | 16 | Fastener, Huck | |
| 3 | 2600281 | 2 | Hinge, Self-Closing | |
| 4 | 2940074 | 1 | Latch | |
| 6 | See Note | 1 | Platform (Note: Not Available - Purchase Complete Platform Assembly) | |
| 7 | 3520072 | 1 | Cap-Plug | |
| 8 | 3820020 | 4 | Rivet, Pop | |
| 10 | | Ref | Gate Options: | |
| 10 | 4846452 | 1 | Gate for Platform p/ns 3510822, 3120830, 3510831 & 3510833 | |
| 10 | 1001144629 | 1 | Gate for Platform p/ns 1001144023, 1001144024, 1001144026 & 1001144027 | |
| 11 | 3520198 | 2 | Cap-Plug | |
| | | Ref | **PLATFORM ASSEMBLY WITH DROP-BAR** | |
| | 1001138431 | Ref | **Platform 30in x 4ft (76cm x 1.22m) with No Mesh (Use p/n 1001144018)** | B-B |
| | 1001138432 | Ref | **Platform 36in x 5ft (91.5cm x 1.5m) (Use p/n 1001144019)** | B-B |
| | 1001138434 | Ref | **Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (Use p/n 1001144021)** | B-B |
| | 1001138430 | Ref | **Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (Use p/n 1001144022)** | B-B |
| | 1001128598 | Ref | **Platform 36in x 6ft (91.5cm x 1.83m) Mesh to Mid Rail (Not Shown)** | B |
| | 1001128479 | Ref | **Platform 36in x 6ft (91.5cm x 1.83m) Mesh to Mid Rail (Not Shown)** | B |
| | 1001111018 | Ref | **Platform 36in x 6ft (91.5cm x 1.83m) Mesh to Mid Rail (Not Shown)** | E |
| | | Ref | **Note: For Platform with Mesh to Top Rail, Platform and Mesh must be ordered separately (except where specified). See SPECIAL OPTIONS SECTION for Mesh Installations.** | |
| | | Ref | **Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.** | |
| | | Ref | **Note: When replacing 8ft/2.44m platform with Soft Touch option, new Soft Touch Rail p/n 4846673 must be purchased to accommodate limit switch locations.** | |

# SECTION 4 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.** | |
| 51 | 0100011 | AR | Compound, Locking | |
| 52 | 0641418 | 2 | Bolt 1/4in-20NC x 2-1/4in | |
| 53 | 0961845 | 2 | Bushing | |
| 54 | 3290606 | 2 | Nut M6 | |
| 55 | 3300151 | 2 | Nut, Acorn | |
| 56 | See Note | 1 | Platform (Note: Not Available - Purchase Complete Platform Assembly) | |
| 57 | 3520198 | 2 | Cap-Plug | |
| 58 | 4010618 | 2 | Screw M6 x 50mm | |
| 59 | 4711400 | 4 | Flatwasher 1/4in Thin | |
| 60 | 4811700 | 2 | Flatwasher M6 | |
| 61 | | Ref | Bar, Drop Options: | |
| 61 | 1001138494 | 1 | Drop Bar (Not Shown) for p/ns 1001144018, 1001144019, 1001144021 & 1001144022 Platforms | |
| 61 | 1001111346 | 1 | Drop Bar (Not Shown) for p/ns 1001128598, 1001128479 & 1001111018 Platforms | |
| 62 | 1001138514 | 1 | Rail (Top) | |
| 63 | 1001140429 | 1 | Decal - Drop-Bar | |
| | 1001114897 | Ref | **FOOTSWITCH AND COVERS INSTALLATIONS** | C |
| 101 | 0641406 | 2 | Bolt 1/4in-20NC x 3/4in | |
| 102 | 0641408 | 3 | Bolt 1/4in-20NC x 1in | |
| 103 | 0641610 | 4 | Bolt 3/8in-16NC x 1-1/4in | |
| 104 | 3311405 | 5 | Locknut 1/4in-20NC | |
| 105 | 3311605 | 4 | Locknut 3/8in-16NC | |
| 106 | 3380434 | 1 | Panel, Molded | |
| 107 | 4740362 | 7 | Washer, Fender | |
| 108 | 4751600 | 8 | Flatwasher 3/8in Regular | |
| 109 | | Ref | Platform Console Assembly Options (See PLATFORM CONSOLE ASSEMBLY for Breakdown): | |
| 109 | 1001114896 | 1 | USA Built Machines **(SN 0300140000 through 0300161446)** | |
| 109 | 1001141140 | 1 | USA Built Machines **(SN 0300161447 through 0300182743)** | |
| 109 | 1001114896 | 1 | China Built Machines **(SN 300000100 through B300000639)** | |
| 109 | 1001141140 | 1 | China Built Machines **(SN B300000640 through B300001091)** | |
| 109 | | Ref | Footswitch Assembly (Includes Footswitch, Electrical Cable, Strain Relief Connectors and Connecting Terminals) Options (See ELECTRICAL SECTION for Further Breakdown): | |
| 109 | 0272970 | 1 | USA Built Machines **(SN 03000140000 through 0300161446)** | B |
| 109 | 1001117174 | 1 | USA Built Machines **(SN 0300161447 through 0300182743)** | B |
| 109 | 0272970 | 1 | China Built Machines **(SN B300000100 through B300000639)** | B |
| 109 | 1001117174 | 1 | China Built Machines **(SN B300000640 through B300001091)** | B |
| 109A | 1060918 | 7 ft/2.14m | Cable, Electrical - 18/3 | |
| 109B | | Ref | Footswitch Options: | |
| 109B | 4360031 | NLA | USA Built Machines (Use p/n 0272970) **(SN 03000140000 through 0300161446)** | |
| 109B | 4360031 | NLA | China Built Machines (Use p/n 0272970) **(SN B300000100 through B300000640)** | |
| | | Ref | **Note: Assembly p/n 0272970 may use either p/n 4360031 or p/n 1001117320. If Original Equipment was replaced as an "assembly," p/n 1001117320 may have been used as part of the Service Replacement. Identify** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **component before ordering parts.** | |
| 109B | | Ref | Footswitch Less Cable Options: | |
| 109B | 4360031 | 1 | Original Equipment | |
| 109B | 1001117320 | 1 | Service Replacement | |
| 109B | | Ref | Block, Contact Options (See Note Above): | |
| 109B | 7000625 | 2 | Contact Block for 4360031 Footswitch | |
| 109B | 70003483 | 1 | Contact Block for 1001117320 Footswitch | |
| 109B | 1001117172 | Ref | USA Built Machines **(SN 0300161447 through 0300182743)** | |
| 109B | 1001117172 | Ref | China Built Machines **(SN B300000203 through B300001091)** | |
| 109B | 70002902 | 1 | Switch, 20Amp | |
| 109B | 70002903 | 1 | Gasket | |
| 109B | 70002904 | 4 | Replacement Kit, Bolt | |
| 109B | 70002905 | 1 | Cover, Aluminum | |
| 109C | 4460071 | 1 | Connector, Strain Relief | |
| | | Ref | **WORKLIGHTS INSTALLATIONS (OPTIONAL)** | |
| | 0273472 | Ref | **Worklights Installations 800S** | D |
| | 0273483 | Ref | **Worklights Installations 860SJ** | D |
| | 1001128153 | Ref | **Worklights Installations 860SJ (Worklights/Double Qty Listed for 4 Corner Worklight)** | A |
| 201 | 2080040 | AR | Huck Fastener | |
| 204 | 2920140 | 2 | Worklight | |
| 204 | 7016399 | 2 | Bulb, Replacement (1 Per Worklight) | |
| 207 | 3536089 | 2 | Plate, Mounting | |
| 213 | 4460426 | 1 | Connector, Strain Relief (Not Shown - Located at Console Box) | |
| 217 | | Ref | Hardware Options (Not Shown): | |
| 217 | 2820035 | 9 ft | Loom, Vinyl (2 Work Lights) | |
| 217 | 2820020 | 1 ft | Shrink, Heat (4 Work Lights) | |
| 218 | 4240099 | 10 | Tie-Strap (Not Shown) | |
| | 0272058 | Ref | **FLOODLIGHTS INSTALLATION** | B |
| 301 | 0641518 | 2 | Bolt 5/16in-18NC x 2-1/4in | |
| 302 | 2560173 | 2 | Handle, Star Knob | |
| 303 | 2920157 | 2 | Floodlight | |
| 303 | 7024452 | 2 | Bulb, Replacement (1 Per Light) | |
| 304 | 3250585 | 1 | Nameplate - Lights On | |
| 305 | 4060802 | 1 | Guard, Switch | |
| 306 | 4360336 | 1 | Switch, Toggle | |
| 307 | 4420037 | AR | Tape, Insulation (Not Shown) | |
| 308 | 4751800 | 2 | Flatwasher 1/2in Regular | |
| 309 | 4846561 | 1 | Mount, Light | |
| | | Ref | **TRAY INSTALLATIONS (OPTIONAL)** | |
| 401 | 1580012 | 1 | Tray, Storage (Center) | |
| 402 | 1580013 | 1 | Tray, Storage (Rail Mounted - Not Shown) | |

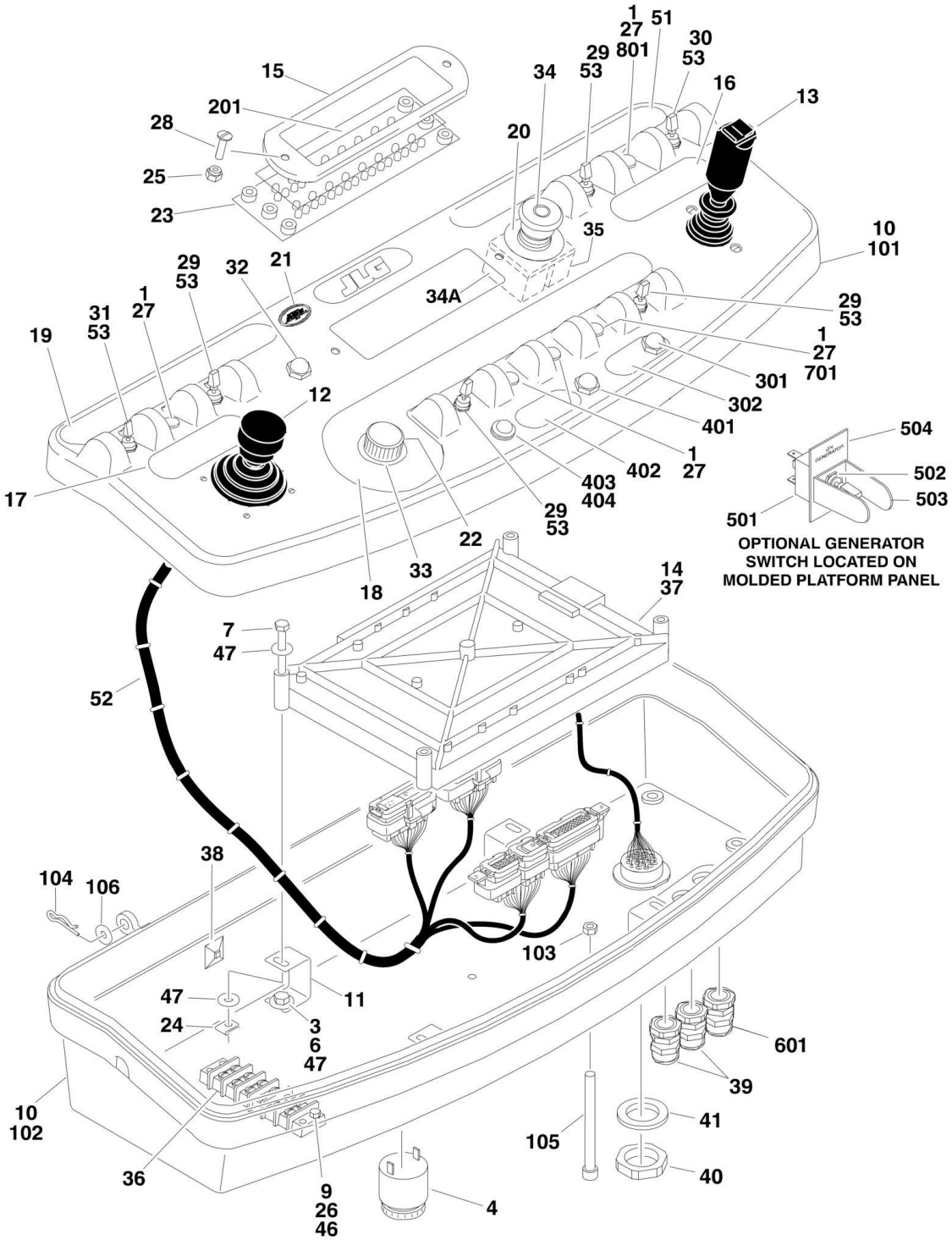
## FIGURE 4-2. PLATFORM COMPONENTS INSTALLATION (FALL ARREST PLATFORM)



## FIGURE 4-2. PLATFORM COMPONENTS INSTALLATION (FALL ARREST PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **PLATFORM ASSEMBLY (FALL ARREST)** | |
| | 3510884 | Ref | **PLATFORM ASSEMBLY (36 x 72)** | E |
| | 3510868 | Ref | **PLATFORM ASSEMBLY (36 x 96)** | E |
| | | Ref | **Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.** | |
| 1 | 0681814 | 2 | Bolt 1/2in-13NC x 1-3/4in (Grade 8) | |
| 2 | 0681822 | AR | Bolt 1/2in-13NC x 2-3/4in (Grade 8) | |
| 3 | 0962270 | 2 | Bearing, Oilite | |
| 4 | 1702773 | 1 | Decal - JLG | |
| 5 | 1705014 | 1 | Decal - Safety | |
| 6 | 2410014 | 1 | Gate | |
| 7 | 3271805 | AR | Locknut 1/2in-13NC (Grade 8) | |
| 8 | 3311605 | 1 | Locknut 3/8in-16NC | |
| 9 | See Note | 1 | Platform (Note: Purchase Platform Assembly) | |
| 10 | 3520072 | 1 | Cap-Plug | |
| 11 | | Ref | Cable, Fall Arrest Options: | |
| 11 | 1060919 | 1 | 36 x 72 | |
| 11 | 3890040 | 1 | 36 x 96 | |
| 12 | 3900054 | 1 | Bolt 1/2in-13NC x 1-3/4in | |
| 13 | 4711800 | 2 | Flatwasher 1/2in Thin | |
| 14 | 4751800 | AR | Flatwasher 1/2in Regular | |
| 15 | 1706385 | 1 | Decal - Drop Bar | |

## FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY



## FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **PLATFORM CONSOLE ASSEMBLIES** | |
| | 1001114896 | Ref | **USA Built Machines (SN 0300140000 through 0300161729)** | G |
| | 1001141140 | Ref | **USA Built Machines (SN 0300161730 through 0300182743)** | B |
| | 1001114896 | Ref | **China Built Machines (SN 300000100 through B300000639)** | G |
| | 1001141140 | Ref | **China Built Machines (SN B300000640 through B300001091)** | B |
| 1 | 0100009 | AR | Sealant | |
| 3 | 0100081 | AR | Compound, Loctite | |
| 4 | 0140011 | 1 | Alarm | |
| 6 | 0641406 | 4 | Bolt 1/4in-20NC x 3/4in | |
| 7 | 0641414 | 4 | Bolt 1/4in-20NC x 1-3/4in | |
| 8 | 0721003 | 2 | Bolt #10-24NC x 3/8in | |
| 9 | 0721006 | 2 | Screw #10-24NC x 3/4in | |
| 10 | 0861441 | 1 | Box, Console (See Items 101-106 for Breakdown) | |
| 11 | 0902751 | 4 | Bracket, Support | |
| 12 | 1600317 | NLA | Controller Assembly (Lift and Swing) (See CONTROLLER ASSEMBLY (LIFT AND SWING) for Breakdown) (Use p/n 1001129555) | |
| 13 | 1600318 | NLA | Controller Assembly (Drive and Steer) (See CONTROLLER ASSEMBLY (DRIVE AND STEER) for Breakdown) (Use p/n 1001212415) | |
| 14 | | Ref | Controller, Module Options: | |
| | | Ref | Note: Re-calibration Required when Replaced. | |
| 14 | 1001110701 | 1 | USA Built Machines **(SN 0300140000 through 0300161729)** | |
| 14 | 1001141138 | 1 | USA Built Machines **(SN 0300161730 through 0300182743)** | |
| 14 | 1001110701 | 1 | China Built Machines **(SN 300000100 through B300000639)** | |
| 14 | 1001141138 | 1 | China Built Machines **(SN B300000640 through B300001091)** | |
| 15 | 1671176 | 1 | Bezel | |
| 16 | 1702565 | 1 | Decal (Drive and Steer) | |
| 17 | 1702566 | 1 | Decal (Lift and Swing) | |
| 18 | 1702567 | 1 | Decal (Function Speed) | |
| 19 | 1702676 | 1 | Decal (Horn) | |
| 20 | 1704260 | 1 | Decal - EMS | |
| 21 | 1705132 | 1 | Decal - Control ADE | |
| 22 | 2560136 | 1 | Handle, Knob | |
| 23 | 2920154 | 1 | Panel, LED Light | |
| 24 | 3300353 | 4 | Nut, Tinnermen | |
| 25 | 3300408 | 2 | Insert, Nylon | |
| 26 | 3311005 | 2 | Locknut #10-24NC | |
| 27 | 3520054 | 5 | Plug, Hole | |
| 28 | 3911018 | 2 | Screw, Round Head #10 | |
| 29 | 4360328 | 4 | Switch, Toggle | |
| 30 | 4360330 | 1 | Switch, Toggle | |
| 31 | 4360331 | 1 | Switch, Toggle | |
| 32 | 4360387 | 1 | Switch, Pushbutton | |
| 33 | 4360407 | 1 | Controller, Speed | |
| 33 | See Note | 1 | Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller) | |
| 33 | 70003784 | 1 | Seal | |
| 34 | 4360475 | 1 | Switch, Emergency Stop | |
| 34 | 7020175 | 1 | Cap, Red | |
| 34A | 7020176 | 1 | Contact Block | |

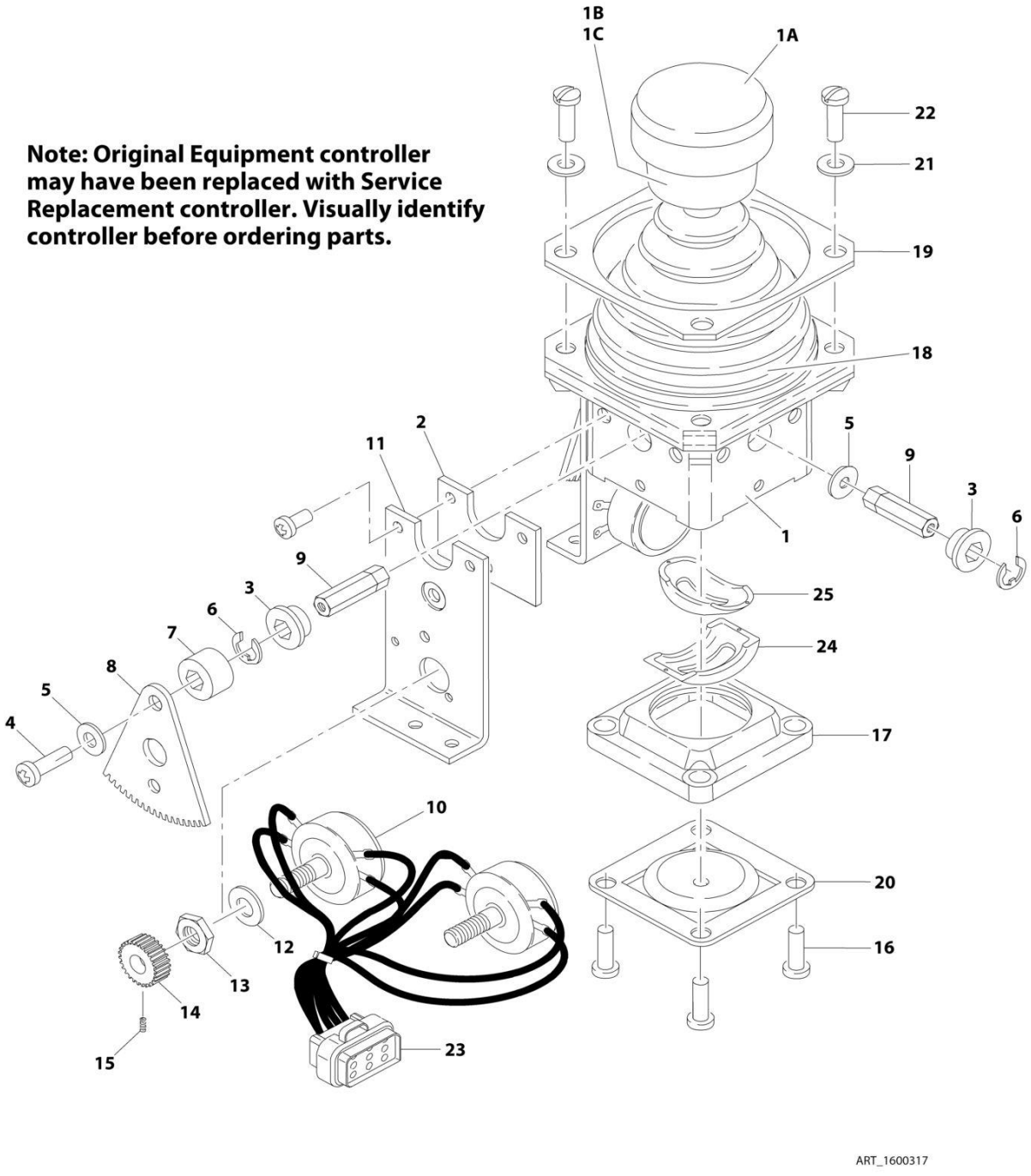
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 35 | 4360476 | 1 | Block, Contact | |
| 36 | 4460007 | 1 | Bar, Buss - Ground | |
| 37 | 0100048 | AR | Grease, Dielectric | |
| 38 | 4460234 | 3 | Base, Mounting | |
| 39 | 4460428 | 2 | Connector, Strain Relief | |
| 40 | 4460470 | 1 | Nut, Terminal | |
| 41 | 4460471 | 1 | Lockwasher, Terminal | |
| 42 | 4460496 | 1 | Nut, Terminal (Not Shown - See ELECTRICAL SECTION for Location) | |
| 43 | 4460497 | 1 | Lockwasher, Terminal (Not Shown - See ELECTRICAL SECTION for Location) | |
| 44 | 4460708 | 2 | Connector, Female - 15 Position (Not Shown - See ELECTRICAL SECTION for Location) | |
| 45 | 4460905 | 5 | Seal, Plug (Not Shown - See ELECTRICAL SECTION for Location) | |
| 46 | 4751000 | 2 | Flatwasher #10 Regular | |
| 47 | 4751400 | 8 | Flatwasher 1/4in Regular | |
| 48 | 4761000 | 2 | Lockwasher #10 | |
| 49 | 4922666 | 1 | Harness, Analyzer Cable (Not Shown - See ELECTRICAL SECTION for Breakdown) | |
| 50 | | Ref | Harness, Upper Valve Options (Not Shown - See ELECTRICAL SECTION for Breakdown): | |
| 50 | 4922749 | 1 | USA Built Machines **(SN 0300140000 through 0300161729)** | |
| 50 | 1001141137 | 1 | USA Built Machines **(SN 0300161730 through 0300182743)** | |
| 50 | 4922749 | 1 | China Built Machines **(SN 300000100 through B300000639)** | |
| 50 | 1001141137 | 1 | China Built Machines **(SN B300000640 through B300001091)** | |
| 51 | | Ref | Decal (Stop) Options: | |
| 51 | 1001107677 | 1 | USA Built Machines **(SN 0300140000 through 0300150266)** | |
| 51 | 1001131168 | 1 | USA Built Machines **(SN 0300150267 through 0300182743)** | |
| 51 | 1001107677 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 51 | 1001131168 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |
| 52 | | Ref | Harness, Platform Box Options (See ELECTRICAL SECTION for Breakdown): | |
| 52 | 1001107796 | 1 | USA Built Machines **(SN 0300140000 through 0300161729)** | |
| 52 | 1001141136 | 1 | USA Built Machines **(SN 0300161730 through 0300182743)** | |
| 52 | 1001107796 | 1 | China Built Machines **(SN 300000100 through B300000639)** | |
| 52 | 1001141136 | 1 | China Built Machines **(SN B300000640 through B300001091)** | |
| 53 | 3790012 | AR | O-Ring | |
| | 0861441 | Ref | **CONSOLE BOX ASSEMBLY** | F |
| 101 | See Note | NSS | Console Top (Note: Not Available for Purchase) | |
| 102 | See Note | NSS | Console Bottom (Note: Not Available for Purchase) | |
| 103 | 3311601 | 1 | Nut 3/8in-16NC | |
| 104 | 3470003 | 2 | Pin, Hairpin | |
| 105 | 0630568 | 1 | Screw 3/8in-16NC x 4-1/2in | |
| 106 | 4711500 | 2 | Flatwasher 5/16in Thin | |
| | | Ref | **LIGHT PANEL DECAL INSTALLATION** | |
| | | Ref | **USA Built Machines (SN 0300140000 through 0300143293 Only)** | |
| | | Ref | **China Built Machines (SN B300000100 through B300000152 Only)** | |
| | | Ref | **Light Panel Decal Installation 800S** | |
| | 1001108993 | Ref | **All Specs except CE Spec** | A |
| | 1001108992 | Ref | **CE Spec Only** | A |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Light Panel Decal Installation 860SJ** | |
| | 1001108991 | Ref | **All Specs except CE Spec** | A |
| | 1001108992 | Ref | **CE Spec Only** | A |
| | | Ref | **USA Built Machines (SN 0300143294 through 0300182743 Only)** | |
| | | Ref | **China Built Machines (SN B300000153 through B300001091)** | |
| | | Ref | **Light Panel Decal Installation 800S** | |
| | 1001125008 | Ref | **All Specs except Australian and CE Specs** | A |
| | | Ref | **Australian Spec Only Options:** | |
| | 1001108993 | Ref | **USA Built Machines (SN 0300143294 through 0300147420 Only)** | A |
| | 1001108992 | Ref | **USA Built Machines (SN 0300147421 through 0300182743 Only)** | A |
| | 1001108993 | Ref | **China Built Machines (SN B300000153 through B300000279 Only)** | A |
| | 1001108992 | Ref | **China Built Machines (SN B300000280 through B300001091)** | A |
| | 1001108992 | Ref | **CE Spec Only** | A |
| | | Ref | **Light Panel Decal Installation 860SJ** | |
| | 1001125009 | Ref | **All Specs except Australian and CE Specs** | A |
| | | Ref | **Australian Spec Only Options:** | |
| | 1001108991 | Ref | **USA Built Machines (SN 0300143294 through 0300147420 Only)** | A |
| | 1001108992 | Ref | **USA Built Machines (SN 0300147421 through 0300182743 Only)** | A |
| | 1001108991 | Ref | **China Built Machines (SN B300000153 through B300000279 Only)** | A |
| | 1001108992 | Ref | **China Built Machines (SN B300000280 through B300001091)** | A |
| | 1001108992 | Ref | **CE Spec Only** | A |
| 201 | | Ref | Decal - Display Options: | |
| 201 | | Ref | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |
| 201 | | Ref | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 201 | 1001107954 | 1 | Decal - Display 800S - All Specs except CE Spec | |
| 201 | 1001107952 | 1 | Decal - Display 800S - CE Spec Only | |
| 201 | 1001107953 | 1 | Decal - Display 860SJ - All Specs except CE Spec | |
| 201 | 1001107952 | 1 | Decal - Display 860SJ - CE Spec Only | |
| 201 | | Ref | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 201 | | Ref | China Built Machines **(SN B300000153 through B300001091)** | |
| 201 | 1001125010 | 1 | Decal - Display 800S - All Specs except Australian and CE Specs | |
| 201 | | Ref | Decal - Display 800S - Australian Spec Only Options: | |
| 201 | 1001107954 | 1 | USA Built Machines **(SN 0300143294 through 0300147420 Only)** | |
| 201 | 1001107952 | 1 | USA Built Machines **(SN 0300147421 through 0300182743 Only)** | |
| 201 | 1001107954 | 1 | China Built Machines **(SN B300000153 through B300000279 Only)** | |
| 201 | 1001107952 | 1 | China Built Machines **(SN B300000280 through B300001091)** | |
| 201 | 1001107952 | 1 | Decal - Display 800S - CE Spec Only | |

# SECTION 4 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 201 | 1001125011 | 1 | Decal - Display 860SJ - All Specs except Australian and CE Specs | |
| 201 | | Ref | Decal - Display 860SJ - Australian Spec Only Options: | |
| 201 | 1001107953 | 1 | USA Built Machines **(SN 0300143294 through 0300147420 Only)** | |
| 201 | 1001107952 | 1 | USA Built Machines **(SN 0300147421 through 0300182743 Only)** | |
| 201 | 1001107953 | 1 | China Built Machines **(SN B300000153 through B300000279 Only)** | |
| 201 | 1001107952 | 1 | China Built Machines **(SN B300000280 through B300001091)** | |
| 201 | 1001107952 | 1 | Decal - Display 860SJ - CE Spec Only | |
| | 0271552 | Ref | **HEAD AND TAIL LIGHTS INSTALLATION (OPTIONAL)** | C |
| 301 | 4360522 | 1 | Switch, Push Button | |
| 302 | 1705170 | 1 | Decal - Lights | |
| | | Ref | **SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)** | |
| 401 | 4360387 | 1 | Switch, Pushbutton | |
| 402 | 1702938 | 1 | Decal - Soft Touch Override | |
| 403 | 2920028 | 1 | Light, Indicator | |
| 404 | 2920029 | 1 | Bulb, Light | |
| | | Ref | **GENERATOR INSTALLATION (OPTIONAL)** | |
| 501 | 4360336 | 1 | Switch, Toggle | |
| 502 | 4740397 | 1 | Bushing | |
| 503 | 4060802 | 1 | Guard, Switch | |
| 504 | 3251102 | 1 | Decal - Generator ON/OFF | |
| | | Ref | **PLATFORM WORKLIGHT INSTALLATION (OPTIONAL)** | |
| 601 | 4460426 | 1 | Connector, Strain Relief | |
| | 0258608 | Ref | **JIB SWITCH INSTALLATION (860SJ ONLY)** | B |
| 701 | 4360328 | 1 | Switch, Toggle | |
| | | Ref | **DUAL FUEL SWITCH INSTALLATION** | |
| 801 | 4360336 | 1 | Switch, Toggle | |
| 801 | 3790012 | 1 | O-Ring | |

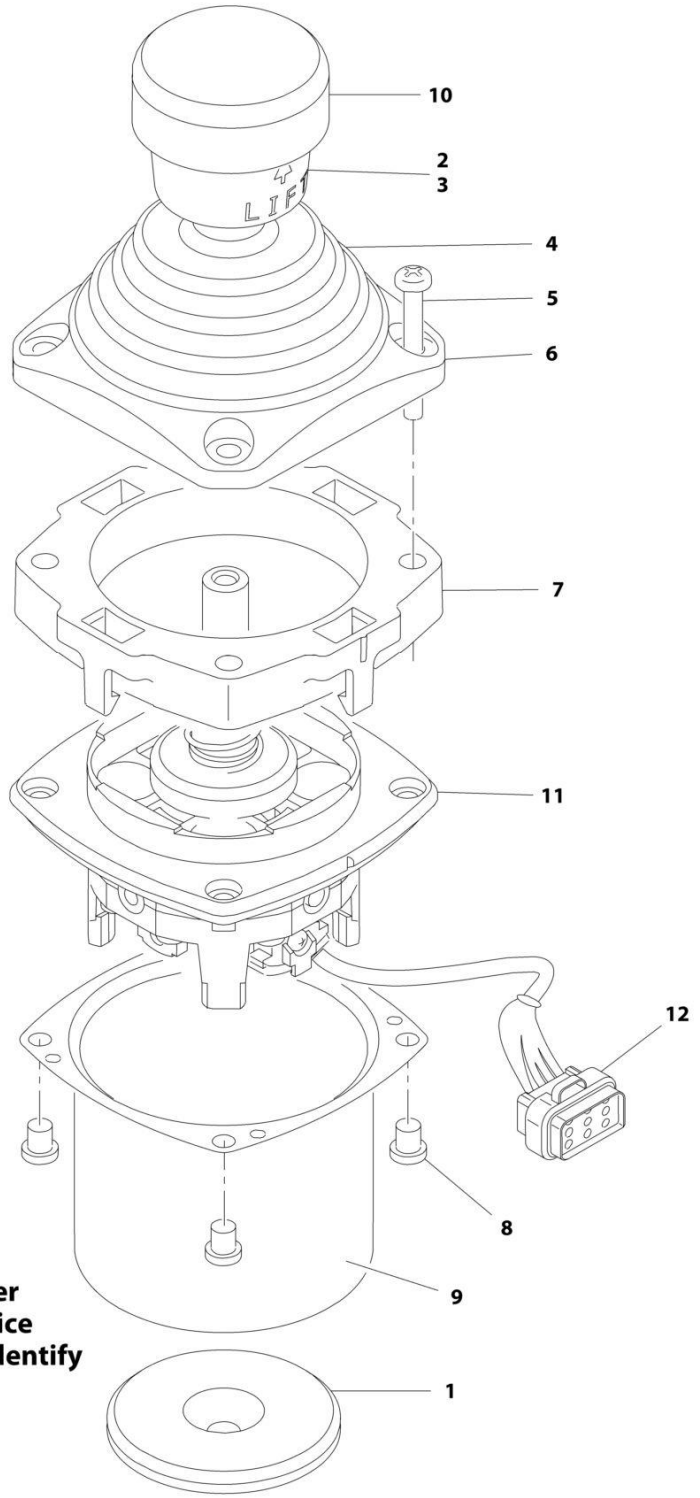
## FIGURE 4-4. CONTROLLER ASSEMBLY (LIFT AND SWING)



## FIGURE 4-4. CONTROLLER ASSEMBLY (LIFT AND SWING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1600317 | Ref | **CONTROLLER ASSEMBLY (LIFT & SWING)** | C |
| | | Ref | **Note: Use p/n 1001129555 Kit as Replacement.** | |
| 1 | 7019141 | 1 | Mechanical Assembly (Includes Base, Handle Stem and Items 1A, 1B, 1C & 18) | |
| 1A | 7019197 | 1 | Handle Cap and Rod | |
| 1B | 7003928 | 1 | Spring | |
| 1C | 7022808 | 1 | Cap, Lift | |
| 2 | 7019171 | 2 | Plate | |
| 3 | 7019111 | 4 | Bearing, Gear | |
| 4 | 7019143 | 2 | Screw | |
| 5 | 7019144 | 2 | Spacer, Cam | |
| 6 | 7019145 | 4 | E-Clip | |
| 7 | 7019174 | 2 | Spacer | |
| 8 | 7003977 | 2 | Gear, Drive | |
| 9 | | Ref | Shaft Options: | |
| 9 | 7019147 | 2 | Shaft, Short | |
| 9 | 7019177 | 2 | Shaft, Long | |
| 10 | 7022818 | 2 | Potentiometer | |
| 11 | 7019142 | 2 | Plate | |
| 12 | 7003992 | 2 | Washer | |
| 13 | 7003993 | 2 | Nut | |
| 14 | 7003976 | 2 | Gear, Slave | |
| 15 | 7019149 | 2 | Setscrew | |
| 16 | 7022816 | 4 | Screw | |
| 17 | 7019150 | 1 | Gate | |
| 18 | 7022814 | 1 | Boot | |
| 19 | 7022815 | 1 | Bezel | |
| 20 | See Note | NSS | Detent, Center (Note: Use p/n 1001129555) | |
| 21 | 7003953 | 4 | Washer | |
| 22 | 7022817 | 4 | Screw | |
| 23 | 7022819 | 1 | Plug, Male - 8 Position (Natural) | |
| 23 | 4460871 | 8 | Socket, Female | |
| 24 | 7019122 | 1 | Gimble, Outer | |
| 25 | 7019123 | 1 | Gimble, Inner | |

## FIGURE 4-5. CONTROLLER ASSEMBLY (LIFT AND SWING)

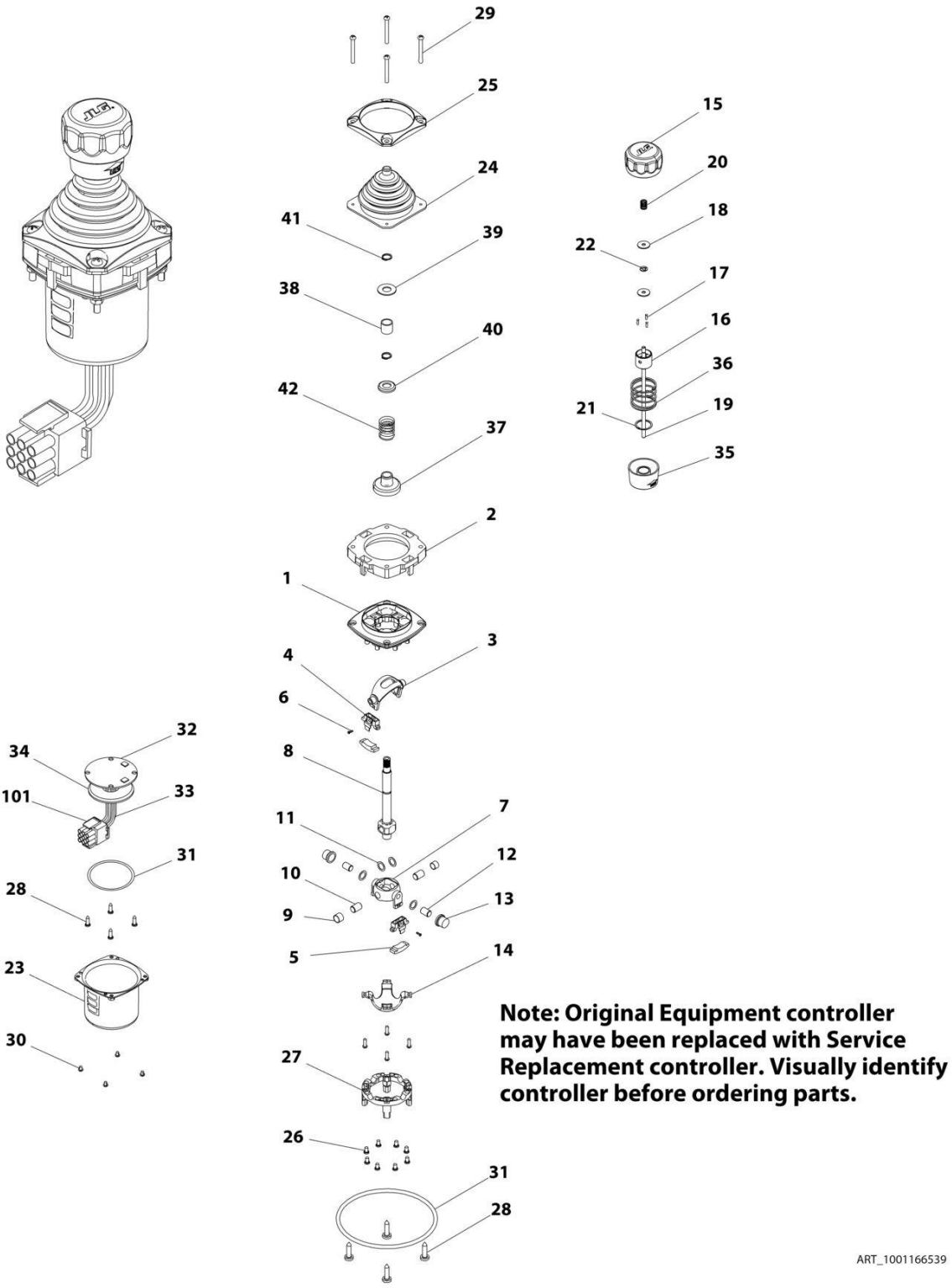



**Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.**

## FIGURE 4-5. CONTROLLER ASSEMBLY (LIFT AND SWING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1001118417 | Ref | **CONTROLLER ASSEMBLY (LIFT AND SWING)** | E |
| | | Ref | **Note: Use p/n 1001129555 as Replacement.** | |
| 1 | 70002730 | 1 | Gasket | |
| 2 | 7003928 | 1 | Spring | |
| 3 | 7022808 | 1 | Cap, Lift | |
| 4 | 70002731 | 1 | Boot | |
| 5 | 70002732 | 4 | Screw | |
| 6 | 7022815 | 1 | Bezel | |
| 7 | 70002733 | 1 | Adapter | |
| 8 | 70002734 | 4 | Screw | |
| 9 | 70002735 | 1 | Can, Enclosure | |
| 10 | 70002906 | 1 | Cap | |
| 11 | See Note | NSS | Mechanical Assembly (Note: Use p/n 1001129555) | |
| 12 | 7022819 | 1 | Connector - 8 Position | |
| 12 | 4460871 | 6 | Socket, Female | |

## FIGURE 4-6. CONTROLLER ASSEMBLY (LIFT AND SWING)

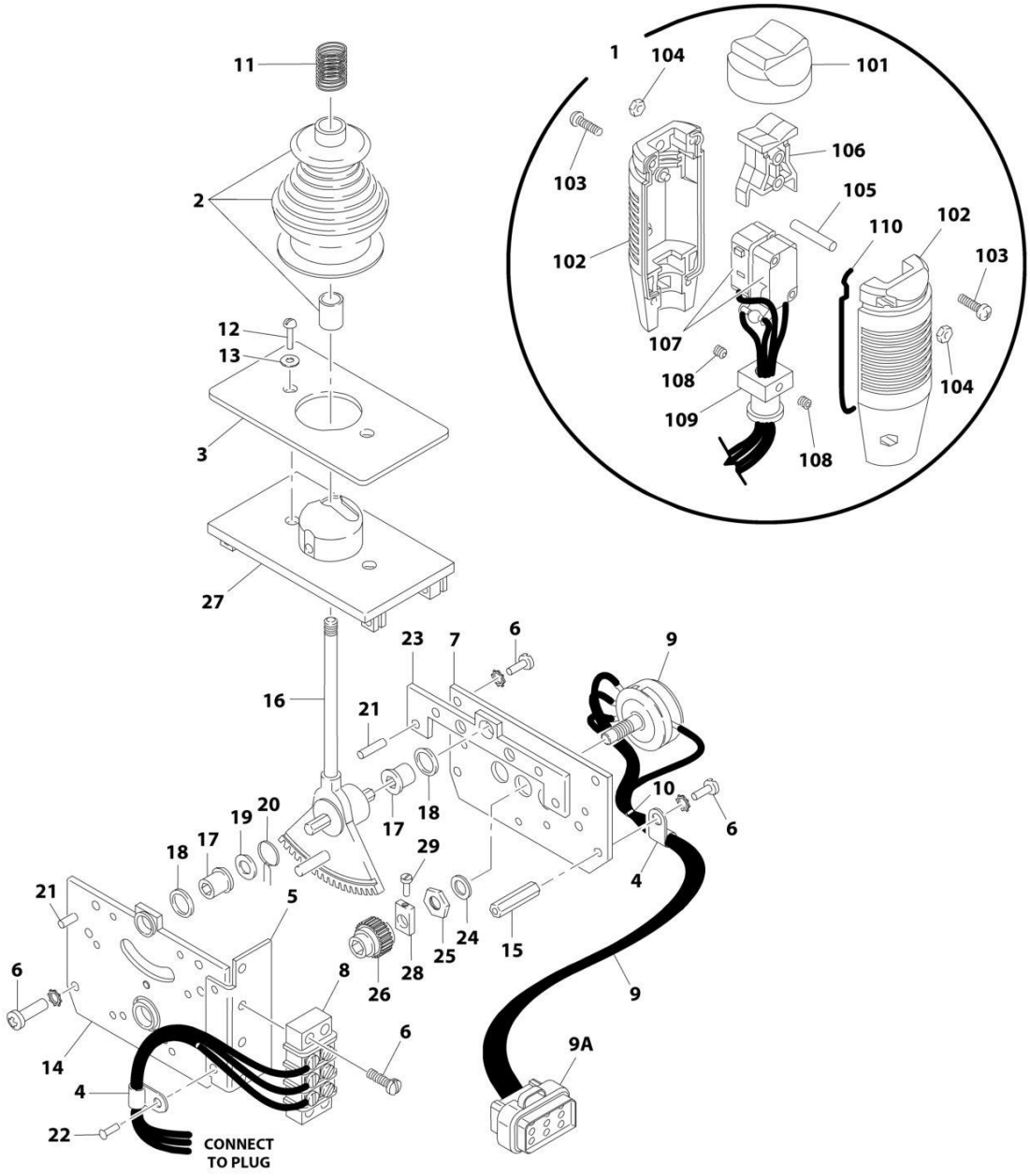


## FIGURE 4-6. CONTROLLER ASSEMBLY (LIFT AND SWING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1001166539 | Ref | **CONTROLLER ASSEMBLY (LIFT AND SWING)** | D |
| | | Ref | **Note: Use p/n 1001129555 as Replacement.** | |
| 1 | See Note | NSS | Main Cast Body (Note: 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 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | 70004775 | 1 | Spring | |
| 101 | 4460265 | 1 | Connector - 9 Position | |
| 101 | 4460226 | 6 | Socket, Female | |

## FIGURE 4-7. CONTROLLER ASSEMBLY (DRIVE AND STEER)



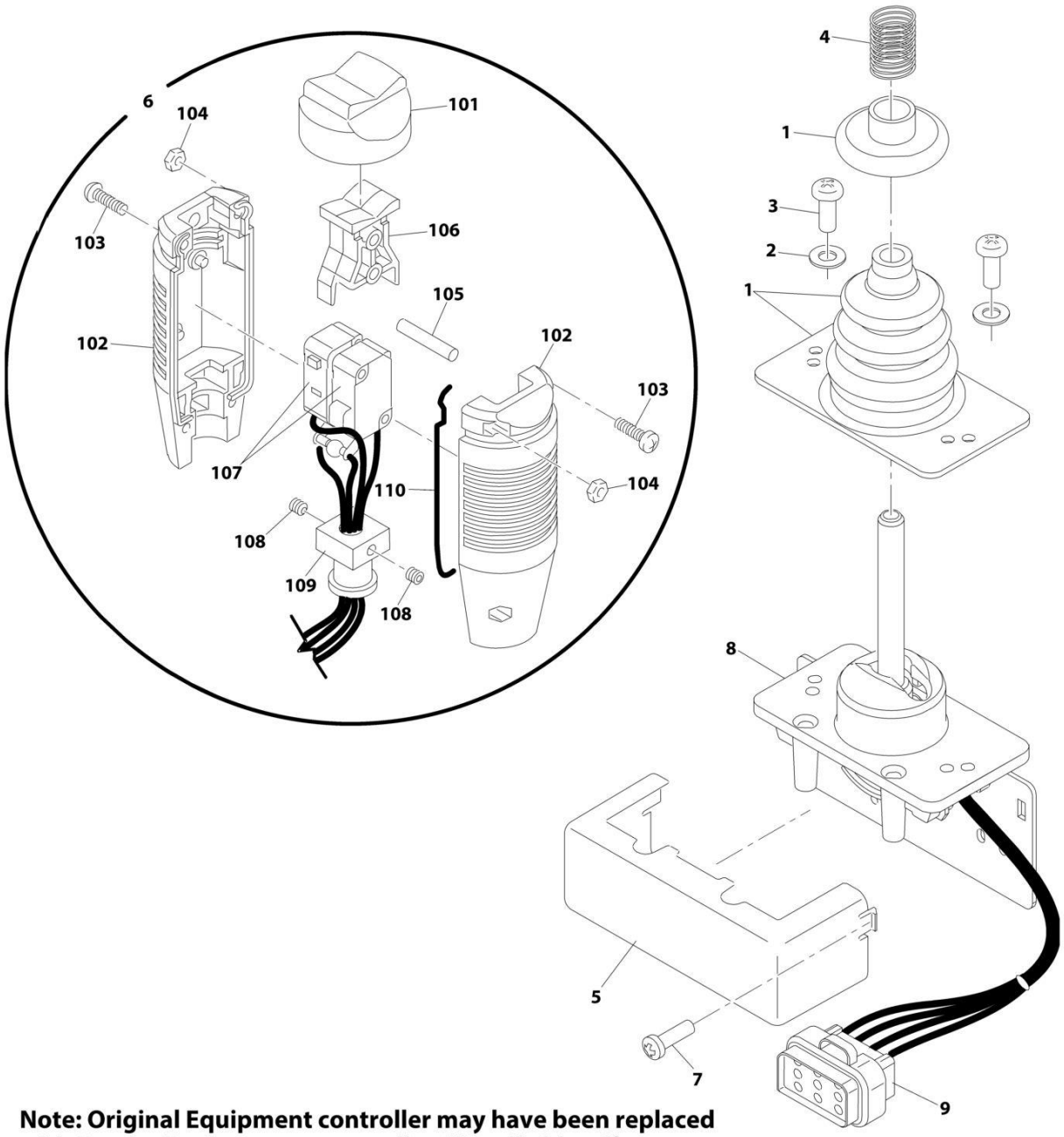

**Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.**

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## FIGURE 4-7. CONTROLLER ASSEMBLY (DRIVE AND STEER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1600318 | Ref | **CONTROLLER ASSEMBLY (DRIVE & STEER)** | C |
| | | Ref | **Note: Use p/n 1001212415 as Replacement.** | |
| 1 | 7022812 | 1 | Handle Assembly (See Items 101-110 for Breakdown) | |
| 2 | 7019161 | 1 | Boot and Sleeve | |
| 3 | 7003933 | 1 | Gasket | |
| 4 | 7019154 | 2 | Clamp, Wire | |
| 5 | 7022823 | 1 | Bracket, Mounting | |
| 6 | 7003994 | 1 | Screw | |
| 7 | 7022822 | 1 | Plate, Pot Mounting | |
| 8 | 7003986 | 1 | Strip, Terminal - 3 Position | |
| 9 | 7022824 | 1 | Electric Assembly | |
| 9A | 1001113961 | 1 | Plug, Male - 8 Position (Black) (was p/n 7022825) | |
| 9A | 4460871 | 7 | Socket, Female | |
| 10 | 7019151 | AR | Tie-Strap | |
| 11 | 7019162 | 1 | Spring | |
| 12 | 7003969 | 2 | Screw | |
| 13 | 7003941 | 2 | Washer | |
| 14 | See Note | NSS | Plate, Mounting (Left Side) (Note: Use p/n 1001166538) | |
| 15 | 7019115 | 2 | Stand-Off | |
| 16 | 7019155 | 1 | Shaft 8mm | |
| 17 | 7019111 | 2 | Bearing | |
| 18 | 7019110 | 2 | Spacer, Head Gear | |
| 19 | 7019112 | 1 | Washer | |
| 20 | 7003946 | 1 | Spring, Return | |
| 21 | 7019103 | 4 | Pin | |
| 22 | See Note | NSS | Rivet (Note: Not Available - Purchase Locally) | |
| 23 | 7019168 | 1 | Plate, Mounting (Right Side) | |
| 24 | 7003992 | 1 | Washer | |
| 25 | 7003993 | 1 | Nut | |
| 26 | 7003935 | 1 | Gear, Slave | |
| 27 | 7019160 | 1 | Plate, Base | |
| 28 | 7019114 | 1 | Coupling, Potentiometer | |
| 29 | See Note | NSS | Cup Point Screw (Note: Not Available for Purchase) | |
| | 7022812 | Ref | **HANDLE ASSEMBLY** | |
| 101 | 7003972 | 1 | Boot, Switch | |
| 102 | 7003973 | 2 | Half, Handle | |
| 103 | 7003980 | 4 | Screw | |
| 104 | 7019167 | 4 | Nut | |
| 105 | 7019164 | 1 | Axle | |
| 106 | 7019165 | 1 | Rocker | |
| 107 | See Note | NSS | Wiring for Controller Assembly p/n 1600318 (Note: Use p/n 1001166538) | |
| 107 | 7019166 | 2 | Switch, Micro | |
| 108 | 7003983 | 2 | Setscrew | |
| 109 | 7019194 | 1 | Coupling | |
| 110 | 7003989 | 2 | Gasket | |

## FIGURE 4-8. CONTROLLER ASSEMBLY (DRIVE AND STEER)

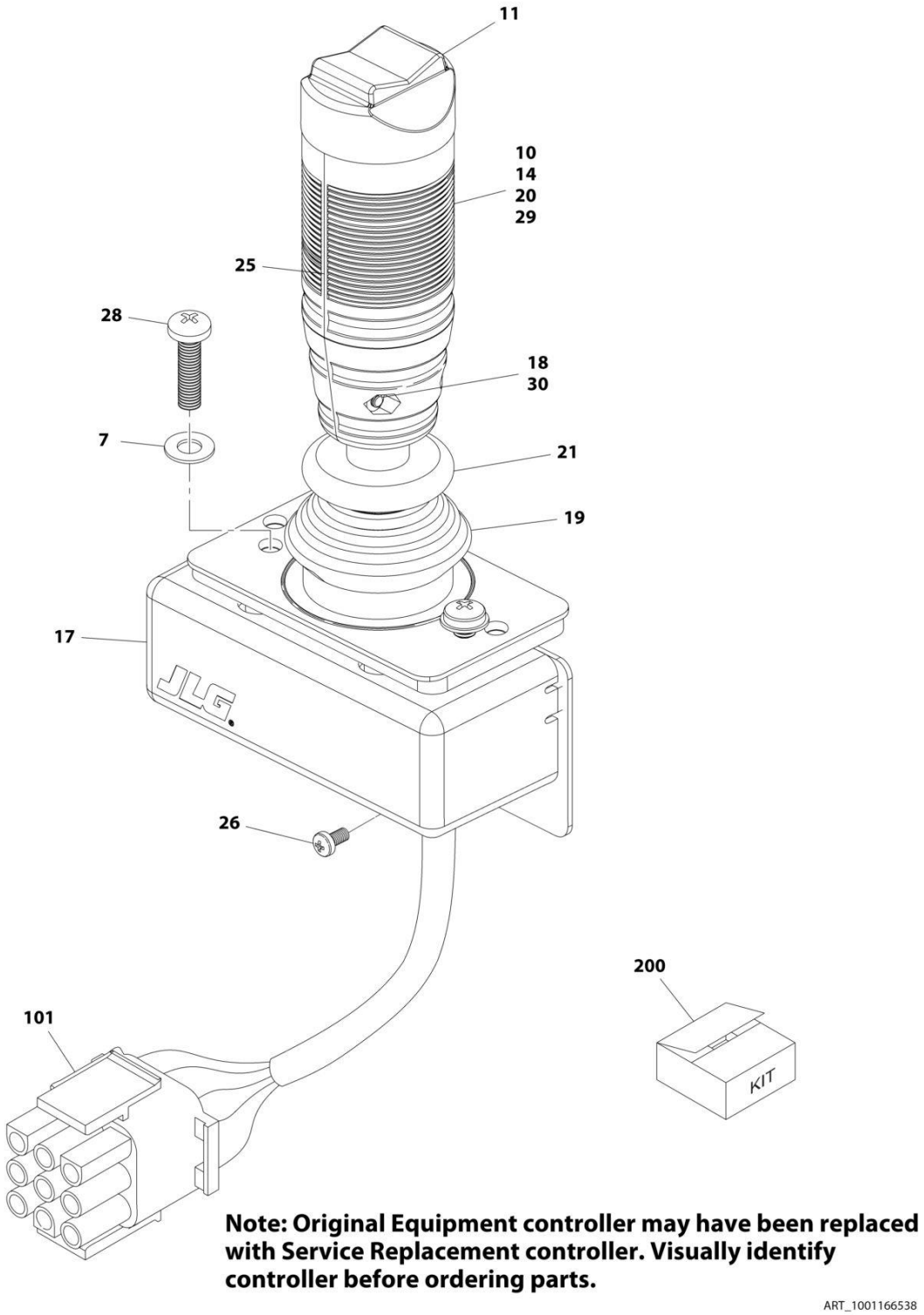



**Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.**

## FIGURE 4-8. CONTROLLER ASSEMBLY (DRIVE AND STEER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1001118416 | Ref | **CONTROLLER ASSEMBLY (DRIVE AND STEER)** | D |
| | | Ref | **Note: Use p/n 1001212415 as Replacement.** | |
| 1 | 70002724 | 1 | Boot and Control Lock Assembly | |
| 2 | 7003941 | 2 | Washer | |
| 3 | 70002725 | 2 | Screw | |
| 4 | 7019162 | 1 | Spring | |
| 5 | 70002726 | 1 | Enclosure | |
| 6 | 70002727 | 1 | Handle Assembly (See Items 101-110 for Breakdown) | |
| 7 | 70002728 | 1 | Screw | |
| 8 | See Note | NSS | Mechanical Assembly (Note: Use p/n 1001166538) | |
| 9 | 1001113961 | 1 | Plug, Male - 8 Position (Black) (was p/n 7022825) | |
| 9 | 4460871 | 7 | Socket, Female | |
| | 70002727 | Ref | **HANDLE ASSEMBLY** | |
| 101 | 7003972 | 1 | Boot, Switch | |
| 102 | 7003973 | 2 | Half, Handle | |
| 103 | 7003980 | 4 | Screw | |
| 104 | 7019167 | 4 | Nut | |
| 105 | 7019164 | 1 | Axle | |
| 106 | 7019165 | 1 | Rocker | |
| 107 | 70002729 | 1 | Wiring Assembly | |
| 107 | 7003982 | 2 | Switch, Micro | |
| 108 | 7003983 | 2 | Setscrew | |
| 109 | 7019194 | 1 | Coupling | |
| 110 | 7003989 | 2 | Gasket | |

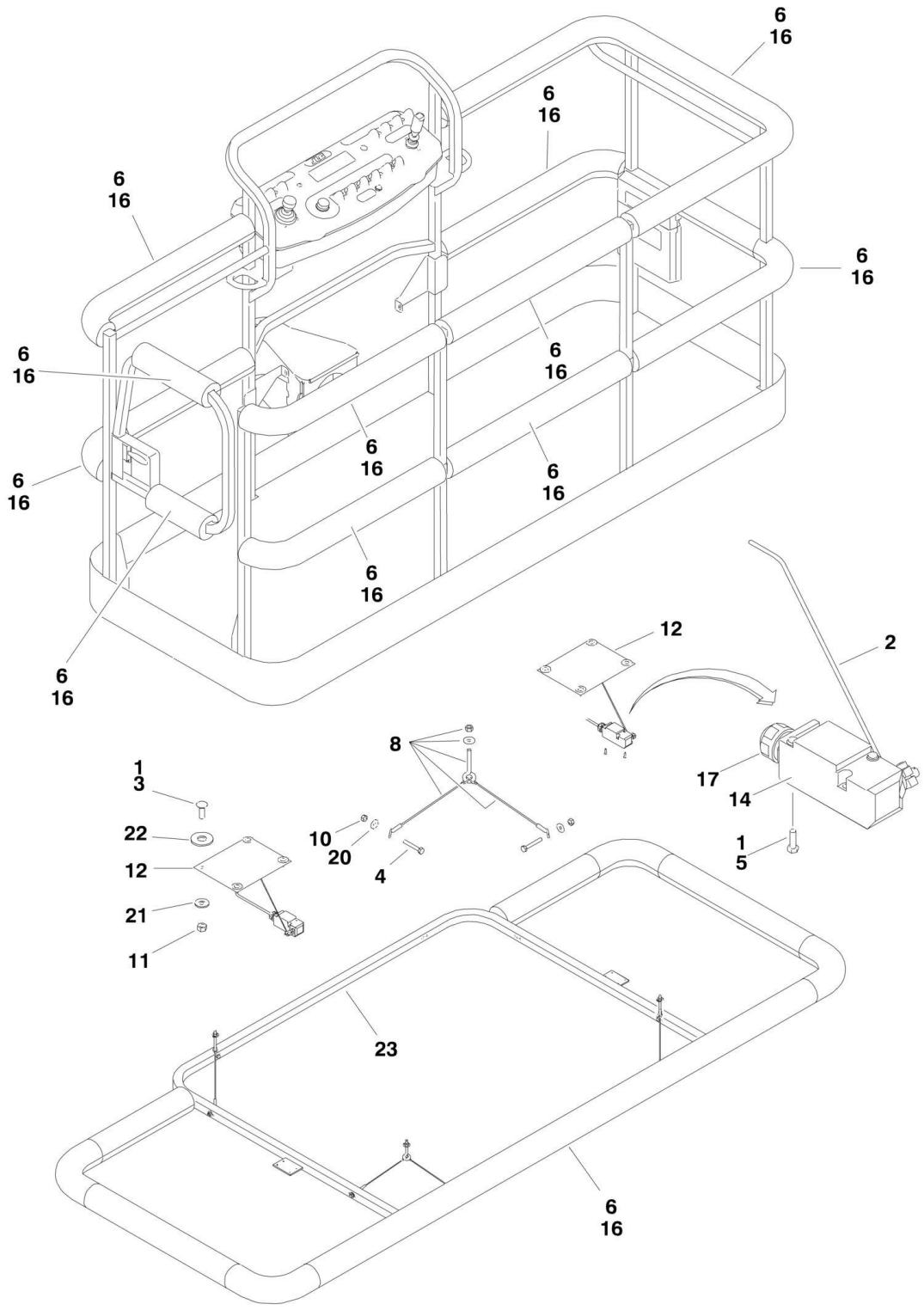
## FIGURE 4-9. CONTROLLER ASSEMBLY (DRIVE AND STEER)



## FIGURE 4-9. CONTROLLER ASSEMBLY (DRIVE AND STEER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.** | |
| | 1001166538 | Ref | **CONTROLLER ASSEMBLY (DRIVE AND STEER)** | E |
| | | Ref | **Note: Use p/n 1001212415 as Replacement.** | |
| 7 | 70004738 | 2 | Washer | |
| 10 | 70004739 | 1 | Roller | |
| 11 | 70004740 | 1 | Boot, Switch | |
| 14 | 70004741 | 2 | Half, Handle | |
| 17 | 70004742 | 1 | Enclosure | |
| 18 | 70004743 | 4 | Nut | |
| 19 | 70004744 | NLA | Boot, Controller (Note: Use Item 200) | |
| 20 | 70004745 | NLA | Tube, Locking (Note: Use Item 200) | |
| 21 | 70004746 | NLA | Disc, Locking (Note: Use Item 200) | |
| 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 | |
| 200 | 70005230 | 1 | Boot Kit (Includes Items 19-21) | |

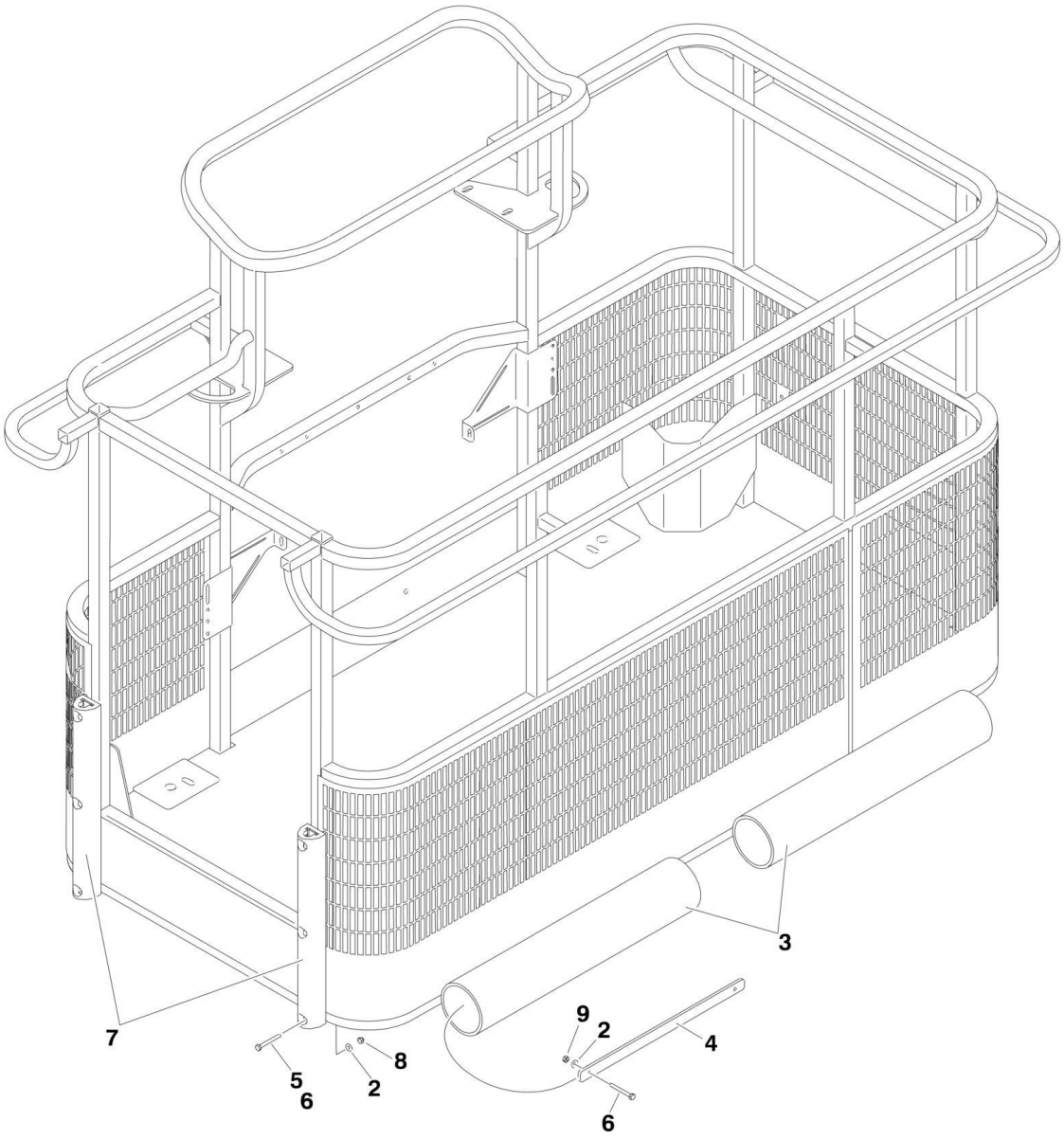
## FIGURE 4-10. SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)



## FIGURE 4-10. SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **SOFT TOUCH SYSTEM INSTALLATIONS** | |
| | 0273824 | Ref | **6ft Platforms** | B |
| | 0272427 | Ref | **8ft Platforms** | E |
| | 1001108256 | Ref | **6ft/1.8m Platforms with Fall Arrest** | A |
| | 0273706 | Ref | **8ft/2.4m Platforms with Fall Arrest** | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt, Carriage | |
| 4 | 0641414 | 8 | Bolt 1/4in-20NC x 1-3/4in | |
| 5 | 0721005 | 4 | Bolt #10-24NC x 5/8in | |
| 6 | | Ref | Bumper Kits (Includes Corners and Enough Straight Material for One Platform) | |
| 6 | 0940134 | 1 | 6ft Platform | |
| 6 | 0940103 | 1 | 8ft Platform | |
| 6 | 0940177 | 1 | 6ft/1.8m Platforms with Fall Arrest | |
| 6 | 0940133 | 1 | 8ft/2.4m Platforms with Fall Arrest | |
| 6 | 0940092 | 1 | Bumper (Corner) Options: | |
| 6 | 0940092 | 12 | Standard Platform | |
| 6 | 0940092 | 8 | Fall Arrest Platforms | |
| 6 | 0940094 | AR | Bumper (12ft Length) | |
| 7 | 1060341 | | Cable, Electrical - 16/2 Options: | |
| 7 | 1060341 | 22 ft /6.7m | Cable, Electrical - 16/2 6ft Platform | |
| 7 | 1060341 | 23 ft/7m | Cable, Electrical - 16/2 8ft Platform | |
| 8 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 9 | 1702938 | 1 | Decal - Soft Touch Override | |
| 10 | 3311401 | 8 | Nut 1/4in-20NC | |
| 11 | 3311501 | 8 | Nut 5/16in-18NC | |
| 12 | | Ref | Plate, Switch Strike Options: | |
| 12 | 3575359 | 2 | Plate, Switch Strike 6ft Platform | |
| 12 | 3574091 | 2 | Plate, Switch Strike 8ft Platform | |
| 13 | 4240099 | 7 | Tie-Strap | |
| 14 | 4360057 | 2 | Switch, Limit | |
| 15 | 4360387 | 1 | Switch, Push Button | |
| 16 | 4420068 | AR | Tape, Adhesive | |
| 17 | 4460049 | 2 | Connector, Strain Relief | |
| 18 | 4460234 | 7 | Tie-Strap | |
| 19 | 4460425 | 1 | Connector, Strain Relief | |
| 20 | 4751400 | 8 | Flatwasher 1/4in Regular | |
| 21 | 4751500 | AR | Flatwasher 5/16in Regular | |
| 22 | 4751800 | 8 | Flatwasher 1/2in Regular | |
| 23 | | Ref | Rail, Soft Touch Options: | |
| 23 | 3641569 | 1 | Rail, Soft Touch 6ft Platform | |
| 23 | 4846673 | 1 | Rail, Soft Touch 8ft Platform | |
| 25 | 2920028 | 1 | Light, Indicator | |
| 26 | 2920028 | 1 | Bulb, Light | |

## FIGURE 4-11. PLATFORM BUMPER PADDING INSTALLATION (OPTIONAL)

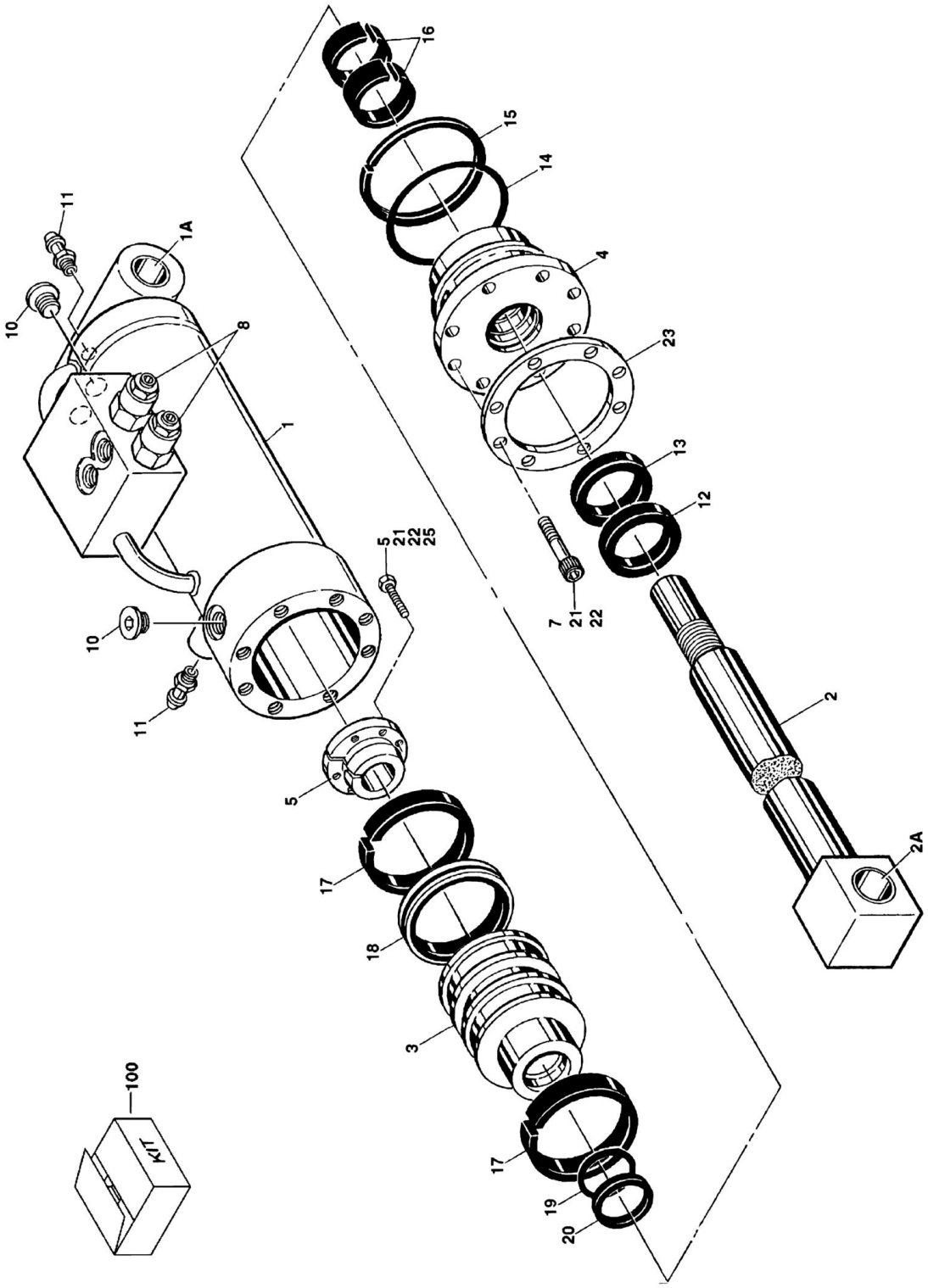


## FIGURE 4-11. PLATFORM BUMPER PADDING INSTALLATION (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001110982 | Ref | **BUMPER INSTALLATION** | D |
| 2 | 4711400 | 10 | Flatwasher1/4in Thin | |
| 3 | 1001110979 | 3 | Bumper | |
| 4 | 1001110980 | 3 | Clamp, Bumper | |
| 5 | 0100011 | AR | Compound, Locking | |
| 6 | 0641418 | 10 | Bolt 1/4in-20NC x 2-1/4in | |
| 7 | 0940159 | 2 | Bumper | |
| 8 | 3300430 | 4 | Nut, Acorn 1/4in-20NC | |
| 9 | 3311405 | 6 | Locknut 1/4in-20NC | |

# SECTION 5 - CYLINDER

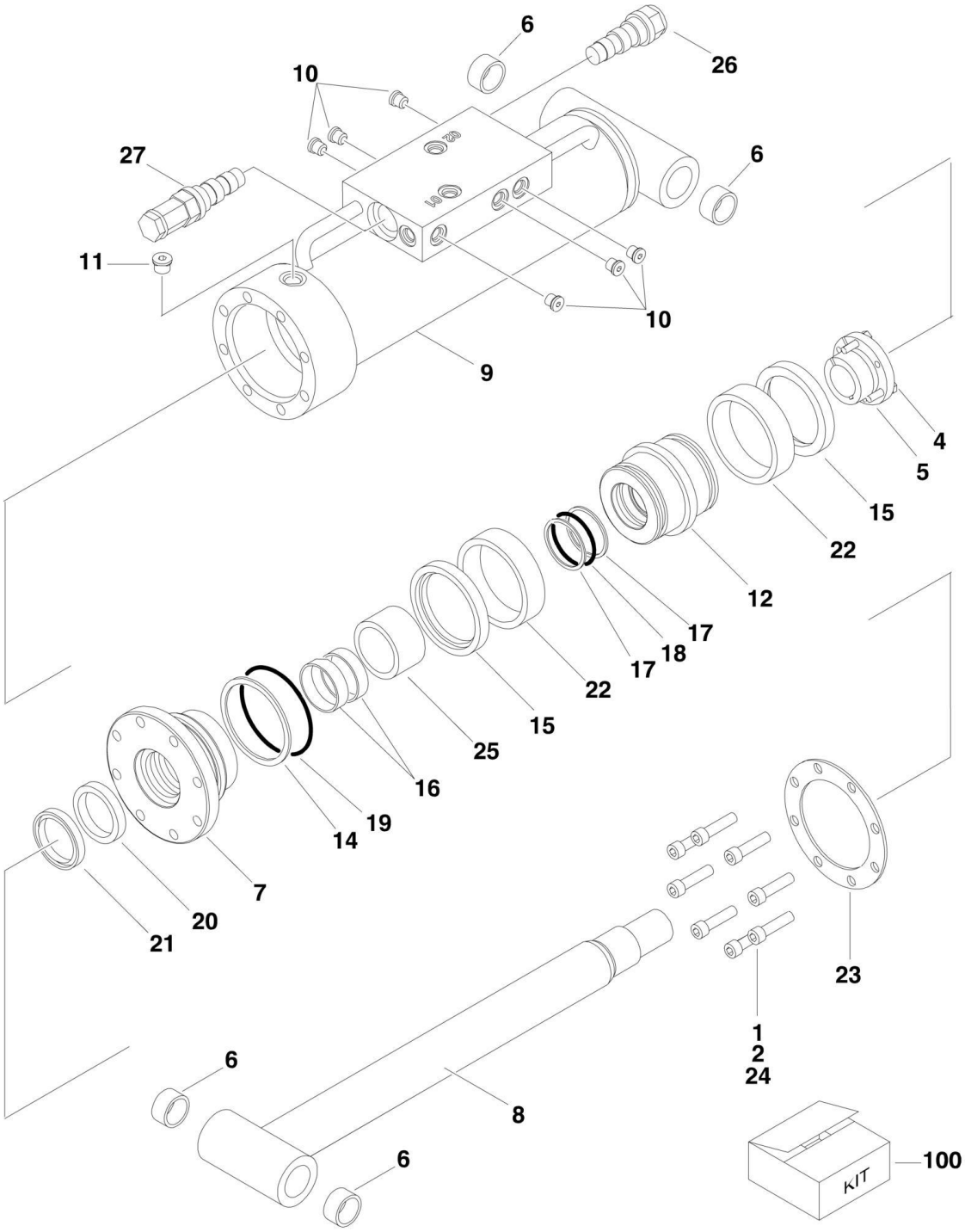
## FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY



## FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1683078 | Ref | **AXLE LOCKOUT CYLINDER ASSEMBLY** | N |
| 1 | 1684191 | 1 | Barrel Weldment (Note: Includes Item 1A) | |
| 1A | 0962496 | 2 | Bushing | |
| 2 | 1683986 | 1 | Rod Weldment (Note: Includes Item 2A) | |
| 2A | 0962496 | 2 | Bushing | |
| 3 | 3480176 | 1 | Piston | |
| 4 | 1683059 | 1 | Head | |
| 5 | 0961895 | 1 | Bushing | |
| 7 | 3931720 | 8 | Bolt, Socket Head 7/16in-14NC x 1-1/4in | |
| 8 | 4641162 | 2 | Cartridge, Valve (Counterbalance) | |
| 8 | 2900770 | 2 | Seal Kit - 4641162 Valve (1 Per Assembly) | |
| 9 | 2220886 | 1 | Plug, O-Ring | |
| 10 | 2220885 | 2 | Plug, O-Ring | |
| 11 | 4640858 | 3 | Valve, Bleeder | |
| 12 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 13 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 15 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 16 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 18 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 20 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 21 | 0100011 | AR | Compound, Locking | |
| 22 | 0100038 | AR | Primer, Locking | |
| 23 | 3760370 | 1 | Ring, Washer | |
| 25 | 0630535 | 3 | Bolt 1/4in-20NC x 1-1/8in | |
| 100 | 2901271 | 1 | Seal Kit (Includes Items 12-20) | |

## FIGURE 5-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

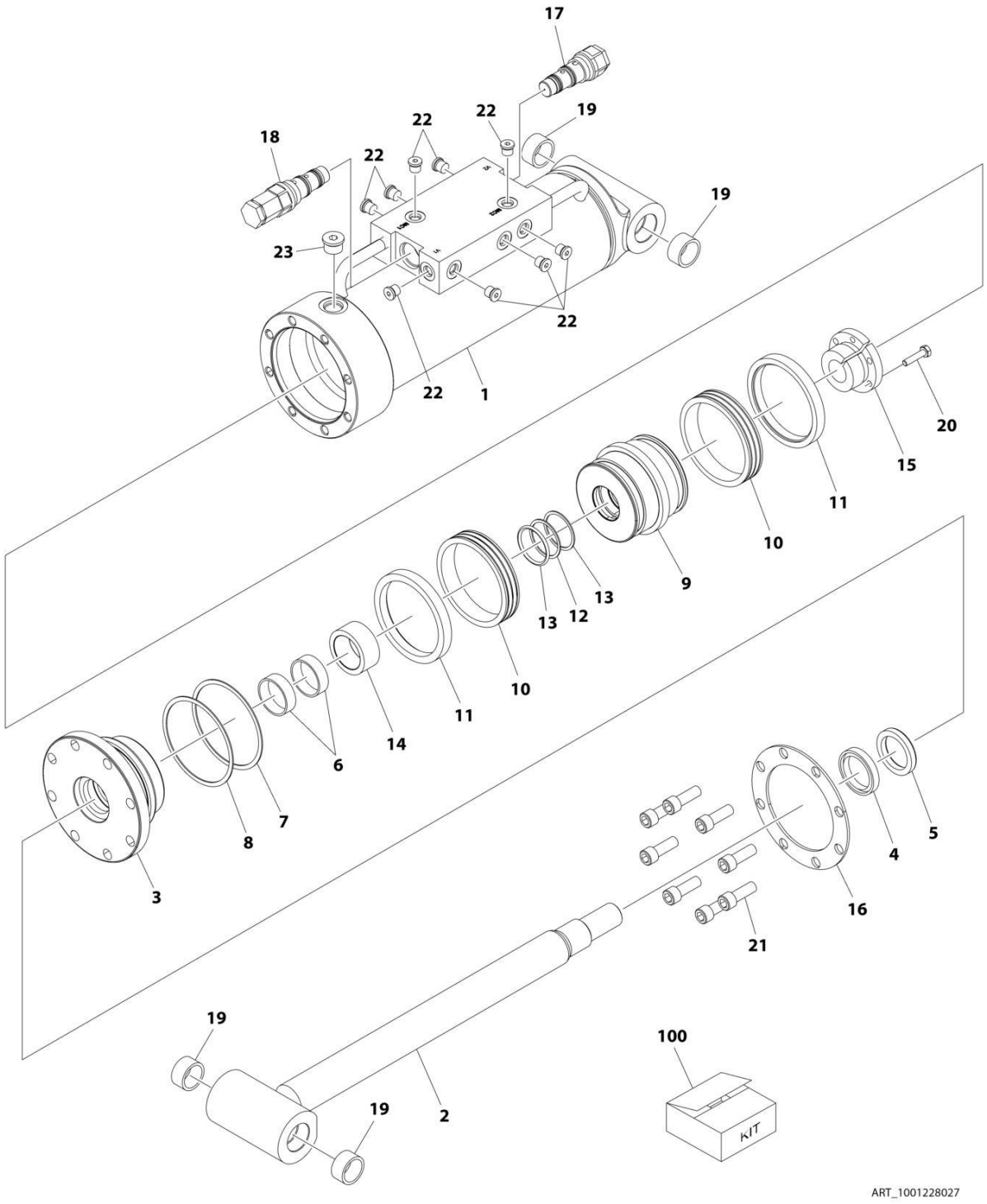


## FIGURE 5-2. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE** | |
| | 1684189 | Ref | **Platform Level Cylinder Assembly (Original Equipment) (800S)** | E |
| | 1684136 | Ref | **Platform Level Cylinder Assembly (Original Equipment) (860SJ) (SN 0300140000 through 0300173218)** | F |
| | 1684136 | Ref | **Platform Level Cylinder Assembly (Original Equipment) (860SJ) (SN 0300182114 through 0300182743)** | F |
| | 1684136 | Ref | Platform Level Cylinder Assembly (Original Equipment) (860SJ) **(SN B300000100 through B300001091)** | F |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0100063 | AR | Loctite #RC 609 | |
| 4 | 0630535 | 3 | Capscrew, Socket Head 1/4in-20NC x 1in | |
| 5 | 0961894 | 1 | Bushing, Tapered | |
| 6 | | Ref | Bushing Options: | |
| 6 | 0961947 | 4 | Bushing 800S - Garmax | |
| 6 | 0961948 | 4 | Bushing 860SJ - Composite | |
| 7 | 1683059 | 1 | Head | |
| 8 | | Ref | Rod Options: | |
| 8 | 1683976 | 1 | Rod 800S (Note: Includes Item 6) | |
| 8 | 1684133 | 1 | Rod 860SJ (Note: Item 6 not included - Purchase Separately) | |
| 9 | | Ref | Barrel Options: | |
| 9 | 1684188 | 1 | Barrel 800S (Note: Includes Item 6) | |
| 9 | 1684135 | 1 | Barrel 860SJ (Note: Item 6 not included - Purchase Separately) | |
| 10 | 2220883 | 10 | Plug | |
| 11 | 2220885 | 1 | Plug | |
| 12 | 3480267 | 1 | Piston | |
| 14 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 15 | See Note | NSS | Ring, Lock (Note: Use Item 100) | |
| 16 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 18 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 20 | See Note | NSS | Seal (Note: Use Item 100) | |
| 21 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 22 | See Note | NSS | Seal (Note: Use Item 100) | |
| 23 | 3760370 | 1 | Ring, Washer | |
| 24 | 3931620 | 8 | Capscrew 3/8in-16NC x 1-1/4in | |
| 25 | | Ref | Spacer, Tube Options: | |
| 25 | 4568402 | 1 | Spacer, Tube 800S | |
| 25 | 4566468 | 1 | Spacer, Tube 860SJ | |
| 26 | 4641232 | 1 | Valve, Cartridge | |
| 26 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 27 | 4640932 | 1 | Valve, Cartridge | |
| 27 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 100 | 2902061 | 1 | Seal Kit (Includes Items 14-22) | |

# SECTION 5 - CYLINDER

## FIGURE 5-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SERVICE REPLACEMENT) (800S)

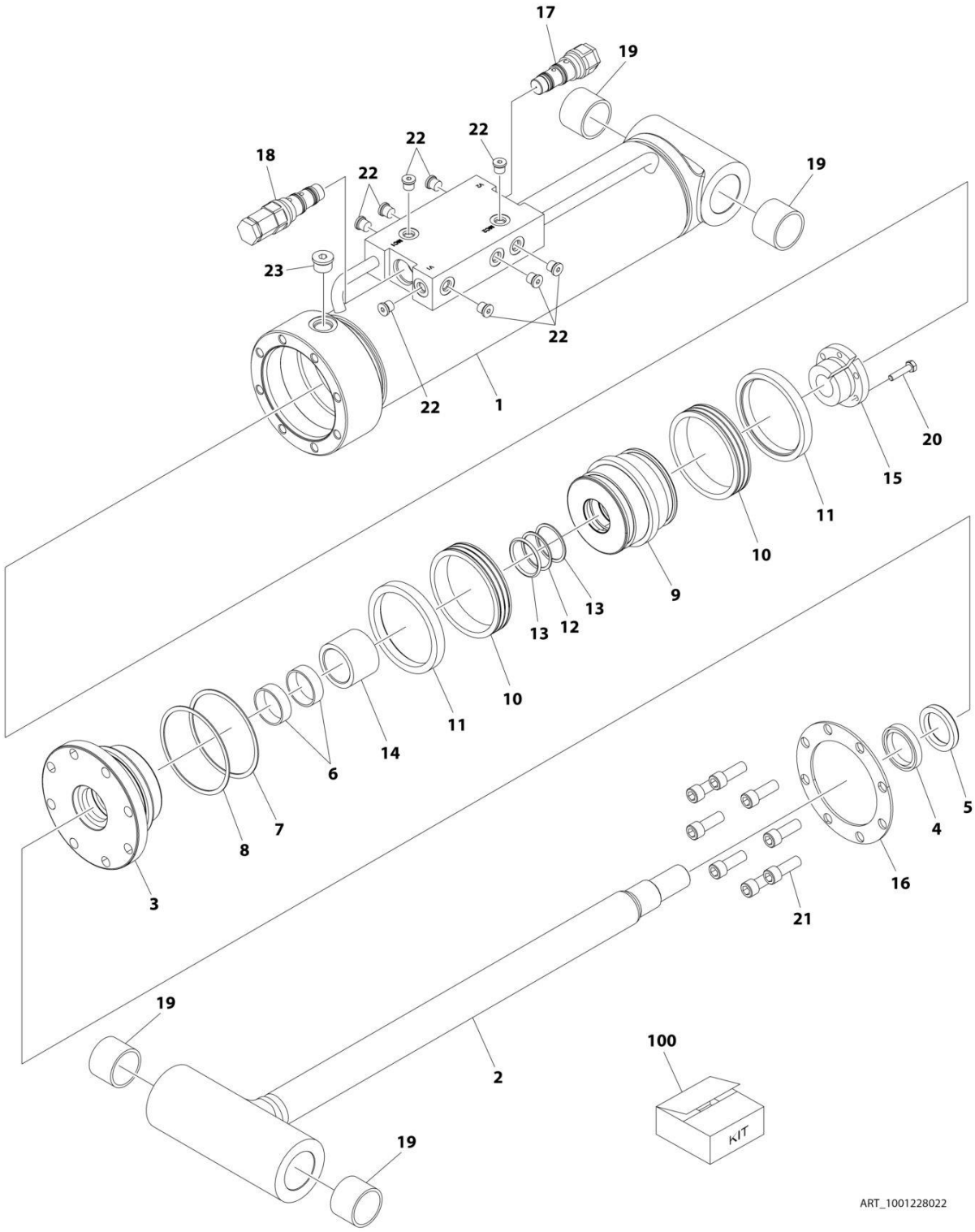


## FIGURE 5-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SERVICE REPLACEMENT) (800S)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228027 | Ref | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006648 | 1 | Rod | |
| 3 | 70006699 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006700 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 70006701 | 1 | Spacer, Tube | |
| 15 | 0961894 | 1 | Bushing, Tapered | |
| 16 | 3760370 | 1 | Washer | |
| 17 | 4641232 | 1 | Valve, Cartridge | |
| 17 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 18 | 4640932 | 1 | Valve, Cartridge | |
| 18 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 19 | 0961947 | 4 | Bushing | |
| 20 | 0630535 | 3 | Capscrew 1/4 x 1 | |
| 21 | 3931720 | 8 | Capscrew 7/16 x 1-1/4 | |
| 22 | 2220883 | 10 | Plug | |
| 23 | 2220886 | 1 | Plug | |
| 100 | 2902061 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

# SECTION 5 - CYLINDER

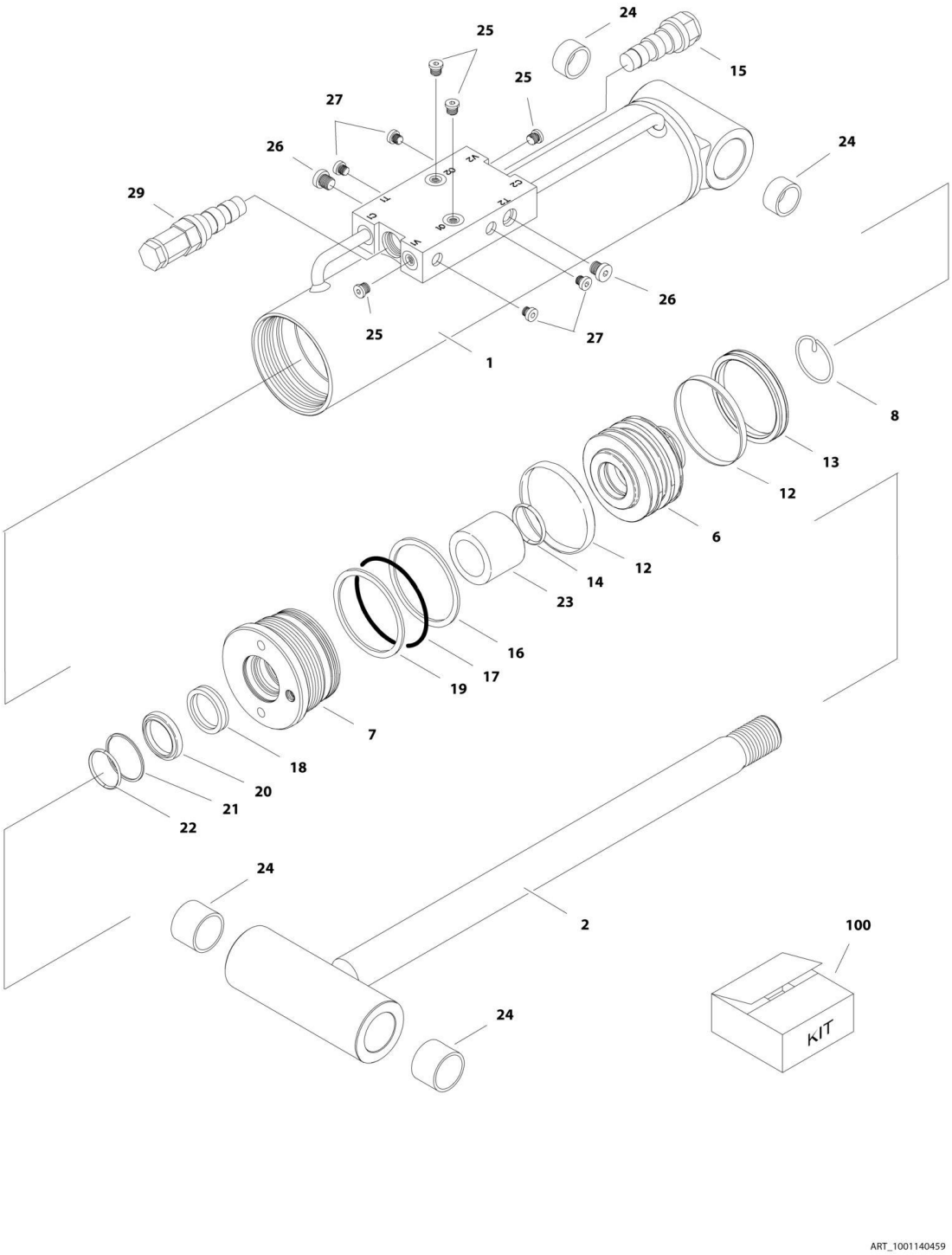
## FIGURE 5-4. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SERVICE REPLACEMENT) (860SJ)



## FIGURE 5-4. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (SERVICE REPLACEMENT) (860SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228022 | Ref | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006726 | 1 | Rod | |
| 3 | 70006699 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006700 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 70006645 | 1 | Spacer, Tube | |
| 15 | 0961894 | 1 | Bushing, Tapered | |
| 16 | 70006727 | 2 | Washer | |
| 17 | 4641232 | 1 | Valve, Cartridge | |
| 17 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 18 | 4640932 | 1 | Valve, Cartridge | |
| 18 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 19 | 0961948 | 4 | Bushing | |
| 20 | 0630535 | 3 | Capscrew 1/4 x 1 | |
| 21 | 70006728 | 8 | Bolt | |
| 22 | 2220883 | 10 | Plug | |
| 23 | 2220886 | 1 | Plug | |
| 100 | 2902061 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

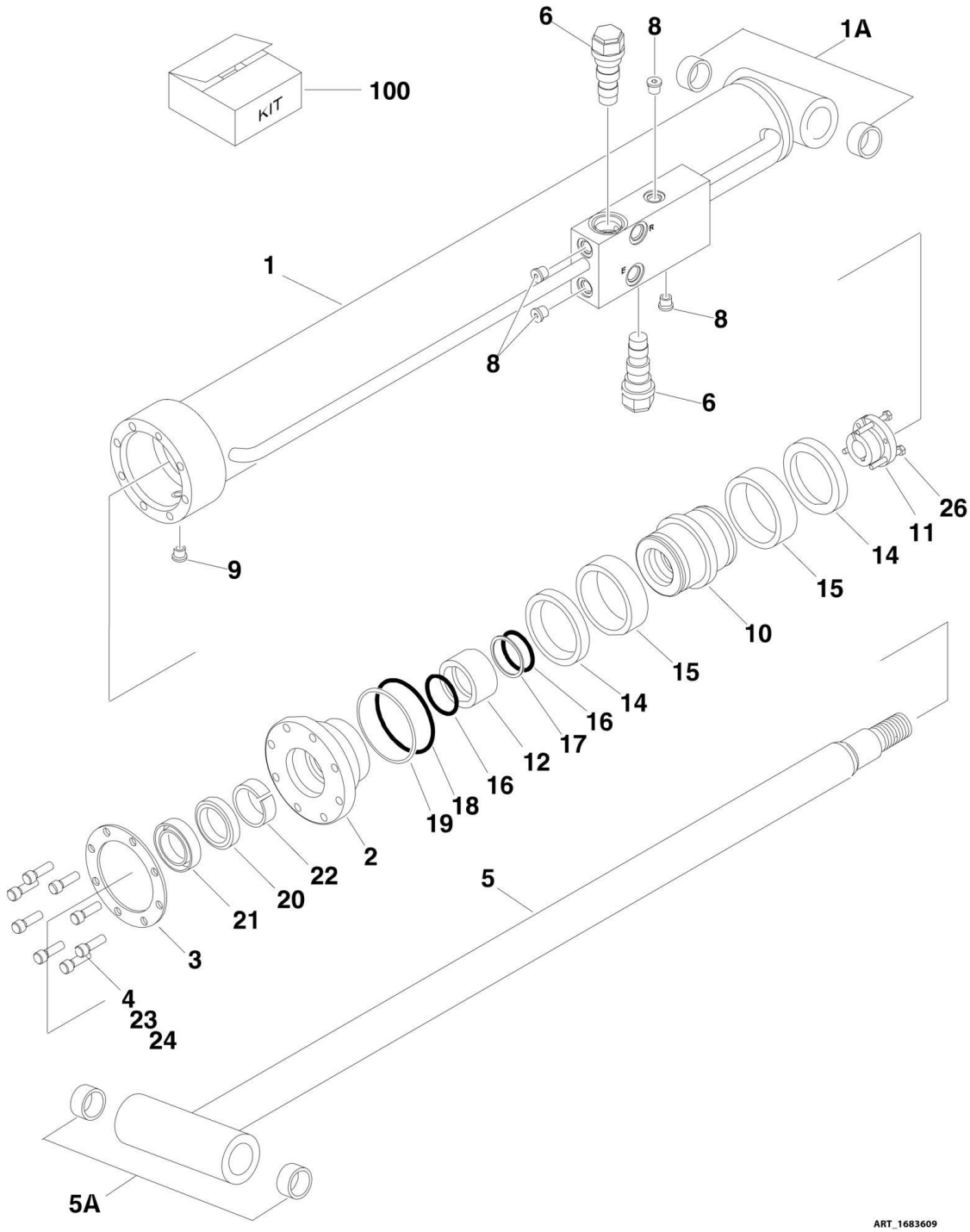
## FIGURE 5-5. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (860SJ ONLY)



## FIGURE 5-5. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (860SJ ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001140459 | Ref | **LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (860SJ ONLY) (SN 0300173219 through 0300182113)** | A |
| 1 | 70003861 | 1 | Barrel | |
| 2 | 70003862 | 1 | Rod | |
| 6 | 70003854 | 1 | Piston | |
| 7 | 70003855 | 1 | Head | |
| 8 | 70002224 | 1 | Rollpin | |
| 12 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 13 | See Note | NSS | Seal (Note: Use Item 100) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 15 | 4641232 | 1 | Valve, Cartridge | |
| 15 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 16 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 18 | See Note | NSS | Seal (Note: Use Item 100) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 20 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 21 | 70003838 | 1 | Ring, Retaining | |
| 22 | 70003856 | 1 | O-Ring | |
| 23 | 70003860 | 1 | Spacer, Tube | |
| 24 | 0961948 | 4 | Bushing | |
| 25 | 7017406 | 4 | Plug | |
| 26 | See Note | 4 | Plug (Note: Not Available for Purchase) | |
| 27 | See Note | 2 | Plug (Note: Not Available for Purchase) | |
| 29 | 4640932 | 1 | Valve, Cartridge | |
| 29 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 100 | 70003859 | 1 | Seal Kit (Includes Items 12-20) | |

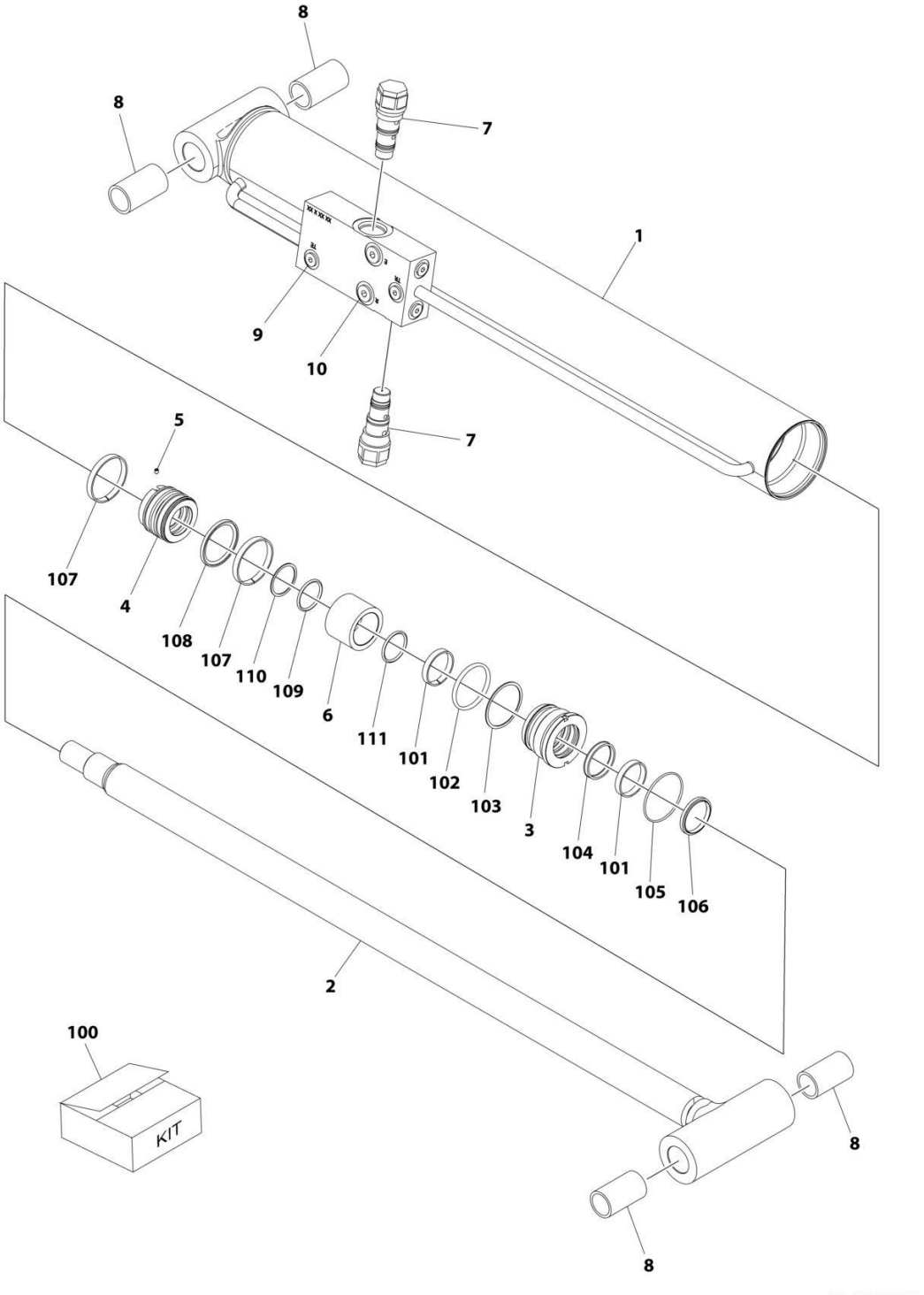
## FIGURE 5-6. LIFT CYLINDER ASSEMBLY - JIB (860SJ ONLY) (ORIGINAL EQUIPMENT)



## FIGURE 5-6. LIFT CYLINDER ASSEMBLY - JIB (860SJ ONLY) (ORIGINAL EQUIPMENT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1683609 | Ref | **JIB LIFT CYLINDER ASSEMBLY** | |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 1684089 | 1 | Barrel Weldment (Note: Includes Item 1A) | |
| 1A | 0962336 | 2 | Bushing | |
| 2 | 1683053 | 1 | Head | |
| 3 | 3760368 | 1 | Washer, Ring | |
| 4 | 3931516 | 8 | Bolt, Socket Head 5/16in-18NC x 2in | |
| 5 | 1684090 | 1 | Rod Weldment (Note: Includes Item 5A) | |
| 5A | 0962336 | 2 | Bushing | |
| 6 | 4640509 | 2 | Cartridge, Valve (Counterbalance Non-Vented) | |
| 6 | 2900792 | 2 | Seal Kit - 4640509 Valve | |
| 8 | 2220883 | 4 | Plug, O-Ring | |
| 9 | 2220885 | 1 | Plug, O-Ring | |
| 10 | 3480210 | 1 | Piston | |
| 11 | 0961893 | 1 | Bushing, Tapered | |
| 12 | 4100100 | 1 | Spacer, Tube | |
| 14 | See Note | NSS | Ring, Lock (Note: Use Item 100) | |
| 15 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 16 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 18 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 19 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 20 | See Note | NSS | Seal (Note: Use Item 100) | |
| 21 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 22 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 23 | 0100011 | AR | Compound, Locking | |
| 24 | 0100038 | AR | Primer, Locking | |
| 26 | 0630534 | 3 | Capscrew, Socket Head #10-24NC x 1in | |
| 100 | 2901303 | 1 | Seal Kit (Includes Items 14-22) | |

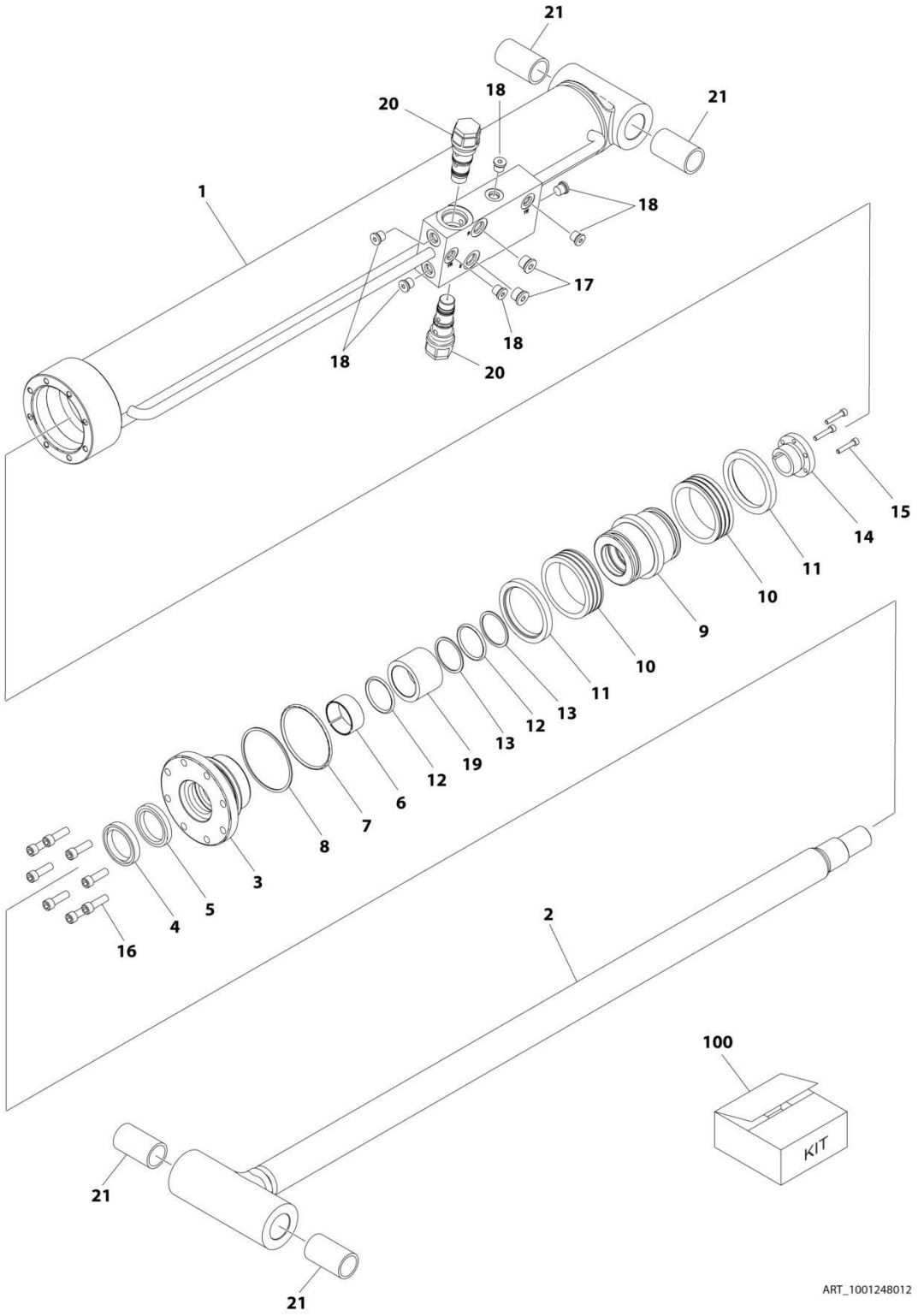
## FIGURE 5-7. LIFT CYLINDER ASSEMBLY - JIB (USAGE MAY VARY) (SERVICE REPLACEMENT) (860SJ ONLY)



## FIGURE 5-7. LIFT CYLINDER ASSEMBLY - JIB (USAGE MAY VARY) (SERVICE REPLACEMENT) (860SJ ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228012 | Ref | LIFT CYLINDER ASSEMBLY - JIB | C |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006572 | 1 | Rod | |
| 3 | 70006571 | 1 | Head | |
| 4 | 70006570 | 1 | Piston | |
| 5 | 70023915 | 1 | Screw | |
| 6 | 70006569 | 1 | Spacer | |
| 7 | 4640509 | 2 | Cartridge, Valve | |
| 7 | 2900792 | 2 | Seal Kit - 4640509 Valve | |
| 8 | 0962336 | 4 | Bushing | |
| 9 | 2220883 | 6 | Plug, O-Ring | |
| 10 | 2220885 | 2 | Plug, O-Ring | |
| 100 | 70006568 | 1 | Seal Kit (Includes Items 101-111) | |
| 101 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 102 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 103 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 104 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 105 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 106 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 107 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 108 | See Note | NSS | Seal (Note: Use Item 100) | |
| 109 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 110 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 111 | See Note | NSS | O-Ring (Note: Use Item 100) | |

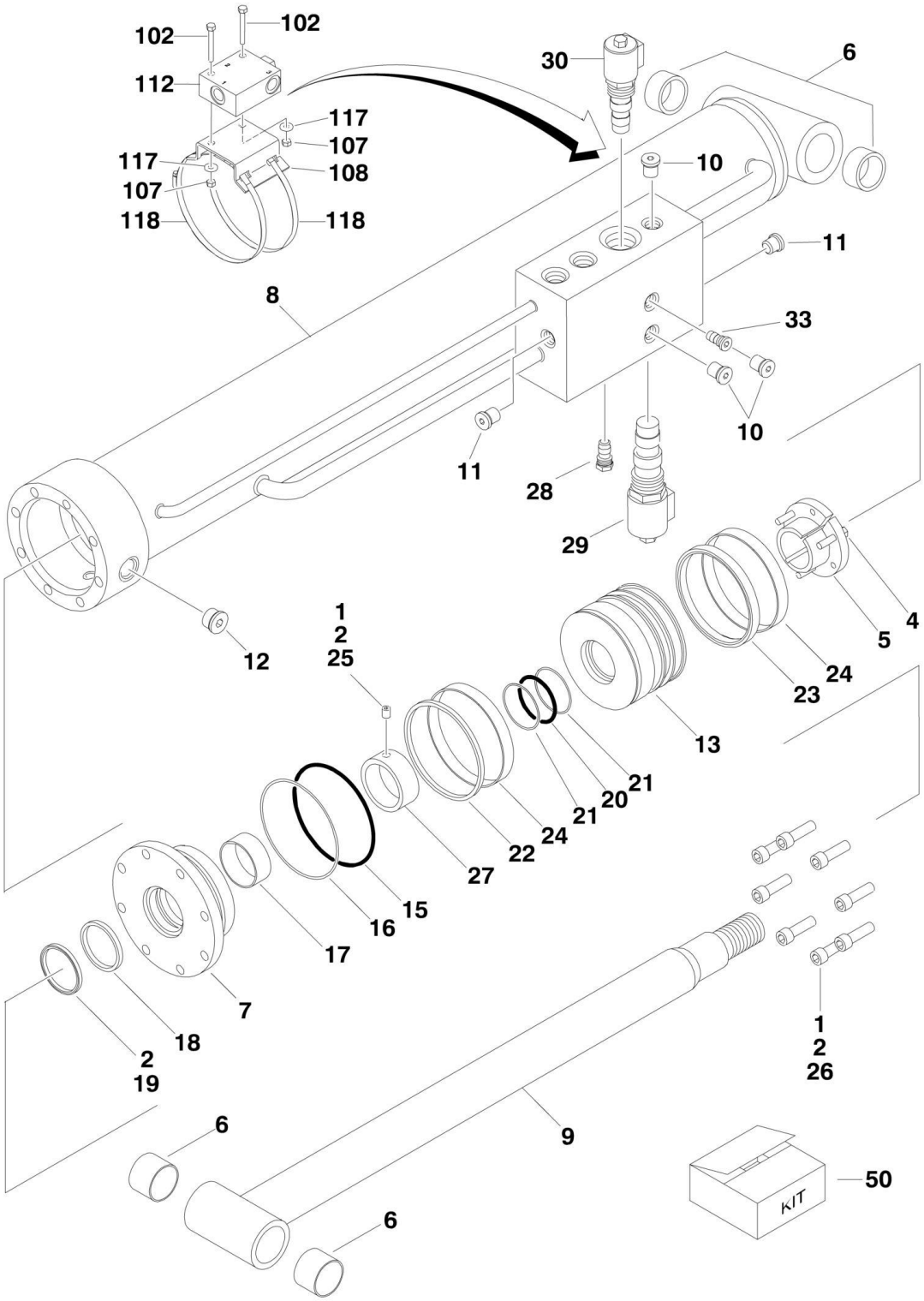
## FIGURE 5-8. LIFT CYLINDER ASSEMBLY - JIB (USAGE MAY VARY) (SERVICE REPLACEMENT) (860SJ ONLY)



## FIGURE 5-8. LIFT CYLINDER ASSEMBLY - JIB (USAGE MAY VARY) (SERVICE REPLACEMENT) (860SJ ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248012 | Ref | LIFT CYLINDER ASSEMBLY - JIB | C |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006734 | 1 | Rod | |
| 3 | 70006649 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006650 | 1 | Piston | |
| 10 | See Note | NSS | Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Lock (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 0961893 | 1 | Bushing, Tapered | |
| 15 | 0630534 | 3 | Capscrew, Socket Head #10 x 1 | |
| 16 | 70006735 | 8 | Capscrew 5/16 | |
| 17 | 2220885 | 2 | Plug, O-Ring | |
| 18 | 2220883 | 6 | Plug, O-Ring | |
| 19 | 70006736 | 1 | Spacer | |
| 20 | 4640509 | 2 | Cartridge, Valve | |
| 20 | 2900792 | 2 | Seal Kit - 4640509 Valve | |
| 21 | 0962336 | 4 | Bushing | |
| 100 | 1001138795 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

## FIGURE 5-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM



## FIGURE 5-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM

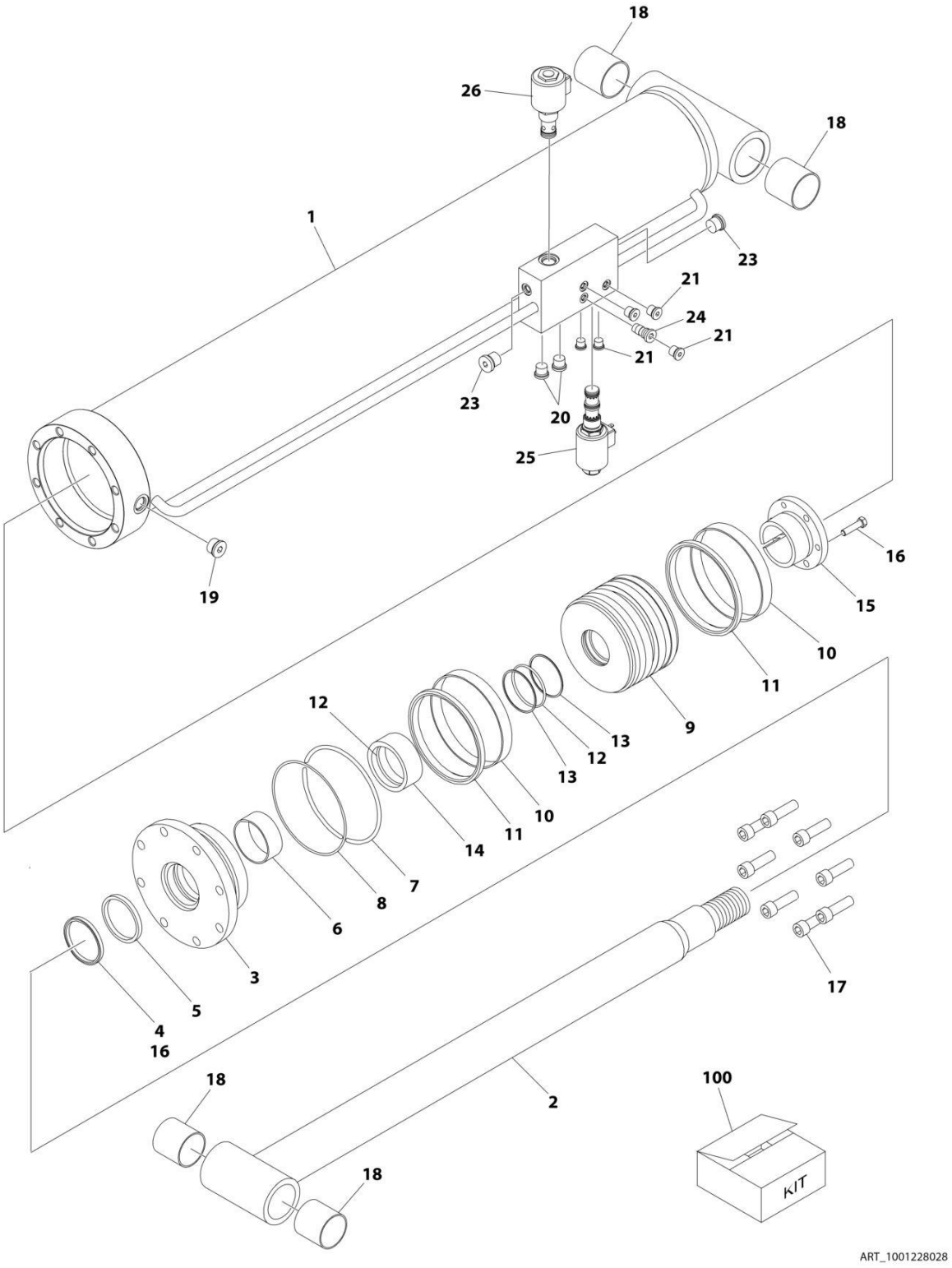
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **MAIN LIFT CYLINDER ASSEMBLY** | |
| | 1684199 | Ref | **Main Lift Cylinder Assembly (Original Equipment) (800S)** | E |
| | 1684202 | Ref | **Main Lift Cylinder Assembly (Original Equipment) (860SJ)** | F |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 4 | 0630536 | 3 | Bolt | |
| 5 | 0961898 | 1 | Bushing, Tapered | |
| 6 | 0962033 | 4 | Bushing | |
| 7 | 1683818 | 1 | Head | |
| 8 | 1684198 | 1 | Barrel Weldment | |
| 9 | | Ref | Rod Weldment Options: | |
| 9 | 1684080 | 1 | 1684199 Cylinder | |
| 9 | 1684123 | 1 | 1684202 Cylinder | |
| 10 | 2220883 | 5 | Plug, O-Ring | |
| 11 | 2220885 | 2 | Plug, O-Ring | |
| 12 | 2220888 | 1 | Plug, O-Ring | |
| 13 | 3480275 | 1 | Piston | |
| 15 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 16 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 17 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 18 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 19 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 20 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 21 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 22 | See Note | NSS | Ring, Guidelock (Note: Use Item 50) | |
| 23 | See Note | NSS | Seal (Note: Use Item 50) | |
| 24 | See Note | NSS | Ring, Guidelock (Note: Use Item 50) | |
| 25 | 3900310 | 1 | Setscrew | |
| 26 | 3932240 | 6 | Capscrew 3/4in-10NC x 2-1/2in | |
| 27 | | Ref | Spacer, Tube Options: | |
| 27 | 4568240 | 1 | 1684199 Cylinder | |
| 27 | 4568273 | 1 | 1684202 Cylinder | |
| 28 | 4641144 | 1 | Cartridge, Restrictor/Check Valve | |
| 28 | 7012967 | 1 | Seal Kit - 4641144 Valve | |
| 29 | 4641234 | 1 | Cartridge, Lift Dump Proportional Solenoid | |
| 29 | 7023982 | 1 | Cartridge - 4641234 Valve | |
| 29 | 7012925 | 1 | Seal Kit - 4641234 Valve | |
| 29 | 7017451 | 1 | Coil - 4641234 Valve | |
| 30 | 4641188 | 1 | Cartridge, Lift Holding Solenoid | |
| 30 | 7023923 | 1 | Cartridge - 4641188 Valve | |
| 30 | 7023919 | 1 | Seal Kit - 4641188 Valve | |
| 30 | 7012943 | 1 | Coil - 4641188 Valve | |
| 33 | 4641194 | 1 | Cartridge, Relief Valve | |
| 33 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 50 | 2901537 | 1 | Seal Kit (Includes Items 15-24) | |
| | 0272750 | Ref | **MANUAL DESCENT INSTALLATION (OPTIONAL)** | B |
| 102 | 0641514 | 2 | Bolt 5/16in-18NC x 1-3/4in | |

# SECTION 5 - CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 107 | 3311505 | 2 | Locknut 5/16in-18NC | |
| 108 | 3574172 | 1 | Plate, Valve Mounting | |
| 112 | 4640673 | 1 | Valve, Check | |
| 112 | 7011325 | 1 | Cartridge, Valve Check | |
| 117 | 4751500 | 2 | Flatwasher 5/16in Regular | |
| 118 | 1320315 | 2 | Clamp | |

# SECTION 5 - CYLINDER

## FIGURE 5-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SERVICE REPLACEMENT) (800S)

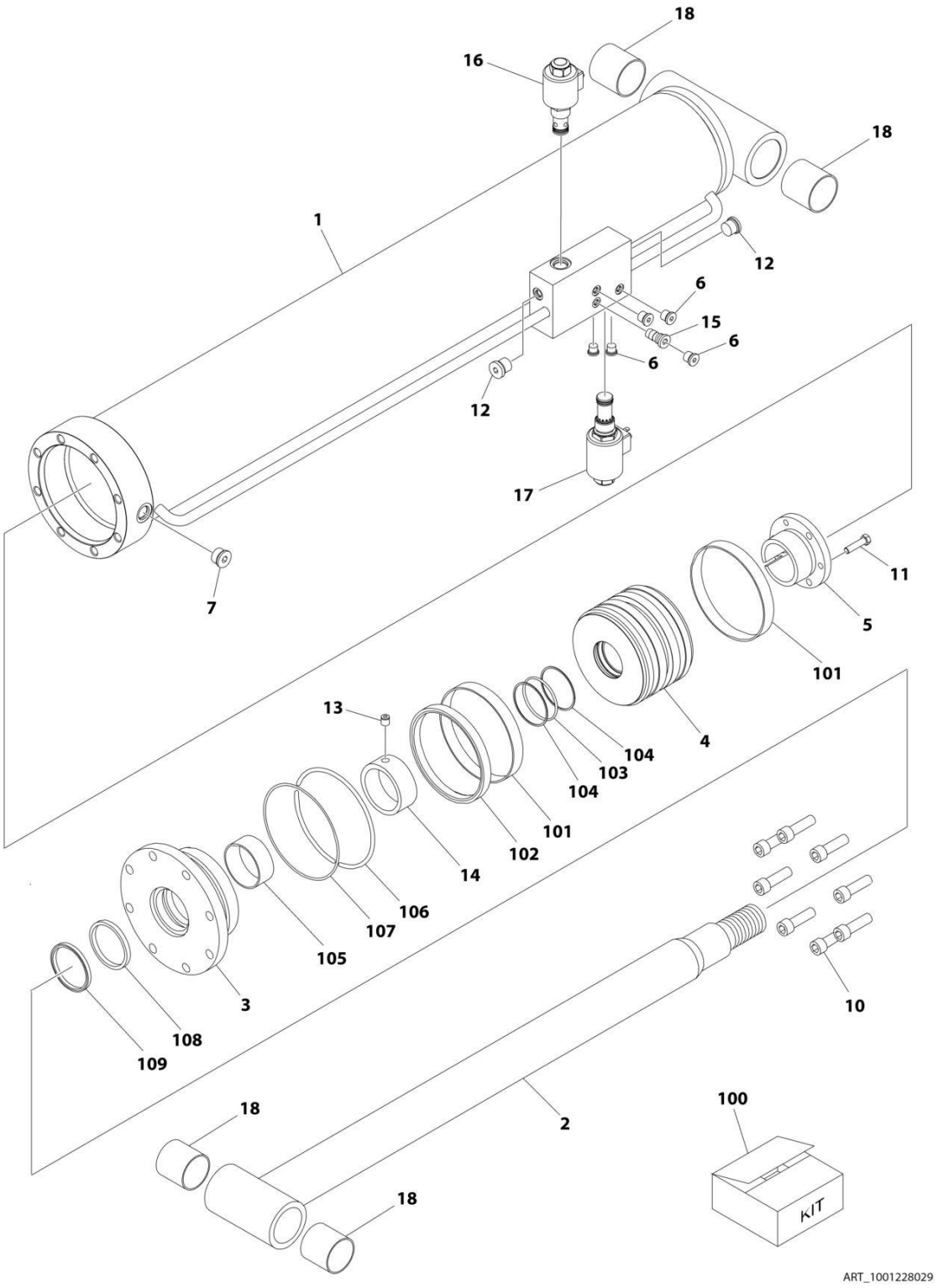


## FIGURE 5-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SERVICE REPLACEMENT) (800S)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228028 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | C |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006506 | 1 | Rod | |
| 3 | 70006505 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006504 | 1 | Piston | |
| 10 | See Note | NSS | Ring, Guidelock (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Guidelock (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 70006503 | 1 | Spacer, Tube | |
| 15 | 0961898 | 1 | Bushing, Tapered | |
| 16 | 0630536 | 3 | Bolt | |
| 16 | 0100011 | AR | Compound, Locking | |
| 16 | 0100038 | AR | Primer, Locking | |
| 17 | 3932240 | 8 | Capscrew 3/4 x 2-1/2 | |
| 17 | 0100011 | AR | Compound, Locking | |
| 17 | 0100038 | AR | Primer, Locking | |
| 18 | 0962033 | 4 | Bushing | |
| 19 | 2220888 | 3 | Plug | |
| 20 | 2220887 | 2 | Plug | |
| 21 | 2220883 | 4 | Plug | |
| 23 | 2220885 | 2 | Plug | |
| 24 | 4641194 | 1 | Cartridge, Relief Valve | |
| 24 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 25 | 4641188 | 1 | Cartridge, Lift Holding Solenoid **(SN 0300257003 through 0300272492, SN B300003768 through B300005730, Except SN 0300272449 through 0300272454, Excluding B300005568)** | |
| 25 | 7023923 | 1 | Cartridge - 4641188 Valve | |
| 25 | 7023919 | 1 | Seal Kit - 4641188 Valve | |
| 25 | 7012943 | 1 | Coil - 4641188 Valve | |
| 26 | 4641234 | 1 | Cartridge, Lift Relief Proportional Solenoid **(SN 0300257003 through 0300272492, SN B300003768 through B300005730, Except SN 0300272449 through 0300272454, Excluding B300005568)** | |
| 26 | 7023982 | 1 | Cartridge - 4641234 Valve | |
| 26 | 7012925 | 1 | Seal Kit - 4641234 Valve | |
| 26 | 7017451 | 1 | Coil - 4641234 Valve | |
| 100 | 2901537 | 1 | Seal Kit (Includes Items 5-8 & 10-13) | |

# SECTION 5 - CYLINDER

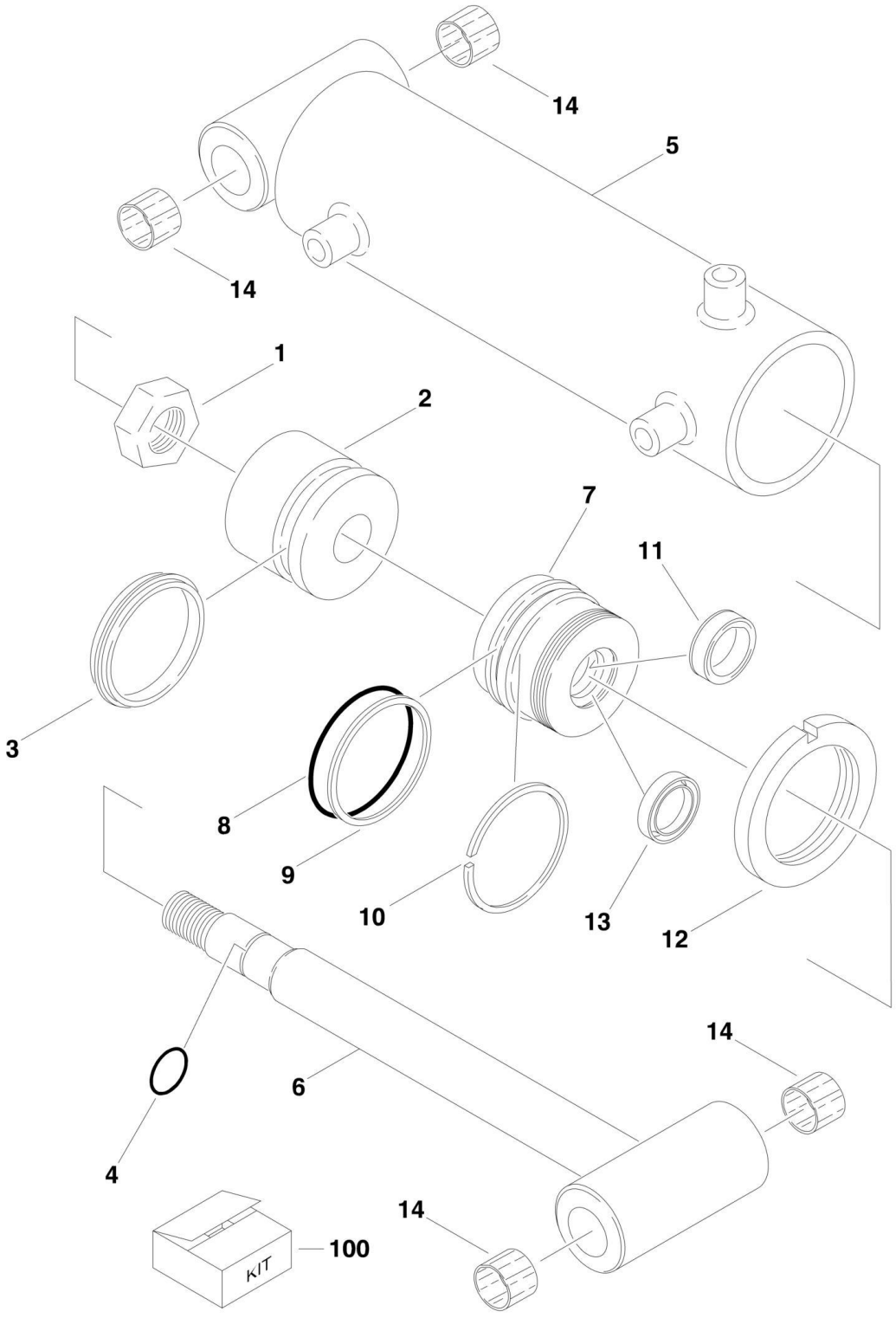
## FIGURE 5-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SERVICE REPLACEMENT) (860SJ)



## FIGURE 5-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (SERVICE REPLACEMENT) (860SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228029 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006395 | 1 | Rod | |
| 3 | 70006377 | 1 | Head | |
| 4 | 70006394 | 1 | Piston | |
| 5 | 70006365 | 1 | Bushing, Tapered | |
| 6 | 2220883 | 5 | Plug | |
| 7 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 10 | 3932240 | 8 | Capscrew 3/4 x 2-1/2 | |
| 11 | 0630536 | 3 | Bolt | |
| 12 | 2220885 | 2 | Plug | |
| 13 | 3900310 | 1 | Setscrew | |
| 14 | 70006393 | 1 | Spacer, Tube | |
| 15 | 4641194 | 1 | Cartridge, Relief Valve | |
| 15 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 16 | 4641234 | 1 | Cartridge, Relief Valve | |
| 16 | 7023982 | 1 | Cartridge Less Coil | |
| 16 | 7012925 | 1 | Seal Kit - 7023982/4641234 Valve | |
| 16 | 7017451 | 1 | Coil | |
| 17 | 4641188 | 1 | Cartridge, Holding Valve | |
| 17 | 7023923 | 1 | Cartridge Less Coil | |
| 17 | 7023919 | 1 | Seal Kit - 7023923/4641188 Valve | |
| 17 | 7012943 | 1 | Coil | |
| 18 | 0962033 | 4 | Bushing | |
| 100 | 70006392 | 1 | Seal Kit (Includes Items 101-109) | |
| 101 | See Note | NSS | Ring, Guidelock (Note: Use Item 100) | |
| 102 | See Note | NSS | Seal (Note: Use Item 100) | |
| 103 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 104 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 105 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 106 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 107 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 108 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 109 | See Note | NSS | Wiper (Note: Use Item 100) | |

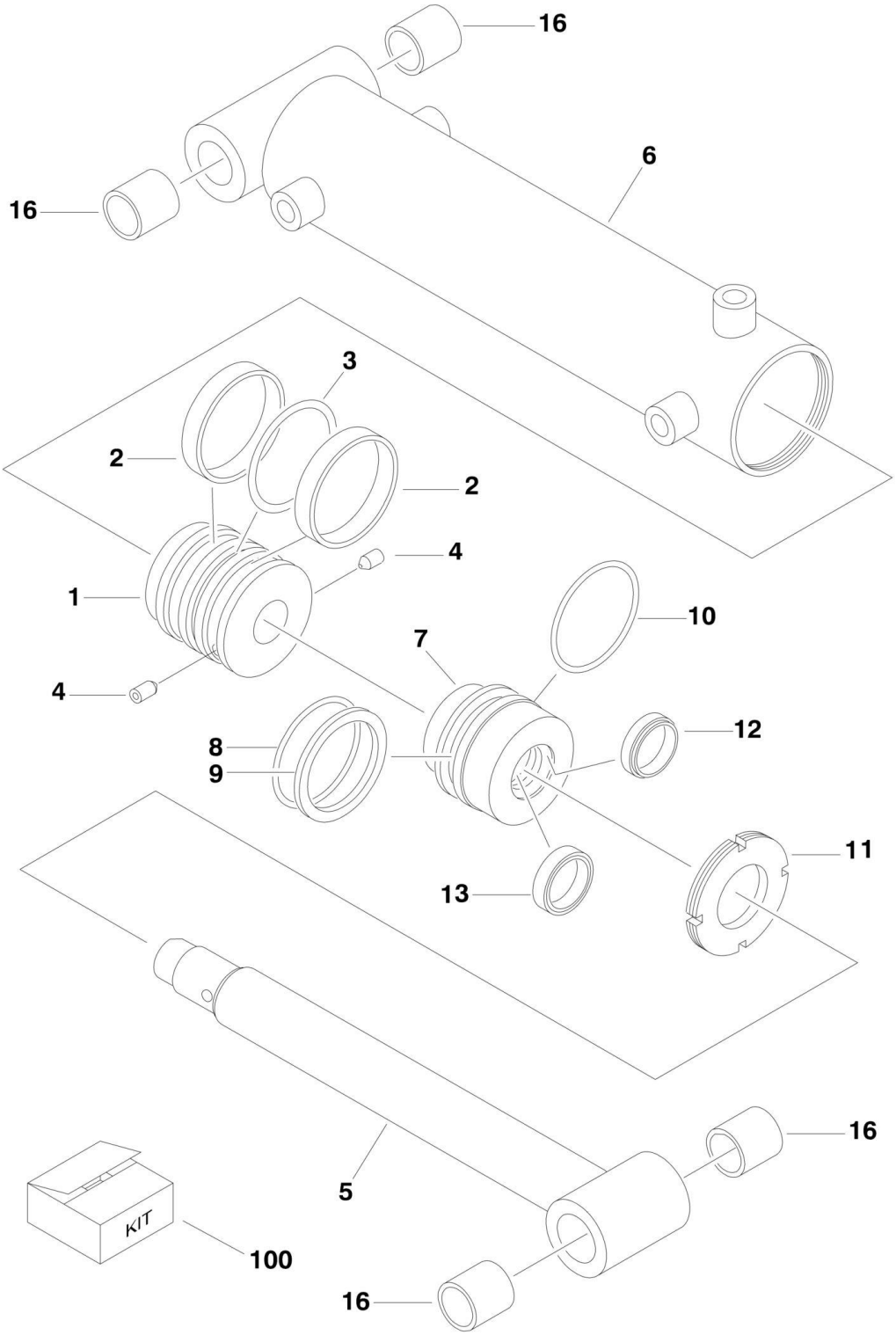
## FIGURE 5-12. STEER CYLINDER ASSEMBLY (SN 0300140000 through 0300142665)



## FIGURE 5-12. STEER CYLINDER ASSEMBLY (SN 0300140000 through 0300142665)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1683740 | Ref | **STEER CYLINDER ASSEMBLY** | C |
| 1 | 7017210 | 1 | Locknut | |
| 2 | 7017211 | 1 | Piston | |
| 3 | See Note | NSS | Seal (Note: Use Item 100) | |
| 4 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 5 | 7023023 | 1 | Barrel | |
| 6 | 7017236 | 1 | Rod | |
| 7 | 7017213 | 1 | Head | |
| 8 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 9 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 10 | See Note | NSS | Ring, Retainer (Note: Use Item 100) | |
| 11 | See Note | NSS | Seal (Note: Use Item 100) | |
| 12 | 7017214 | 1 | Nut, Spanner | |
| 13 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 14 | 0961977 | 4 | Bushings | |
| 100 | 7017215 | 1 | Seal Kit (Includes Items 3, 4, 8-11 & 13) | |

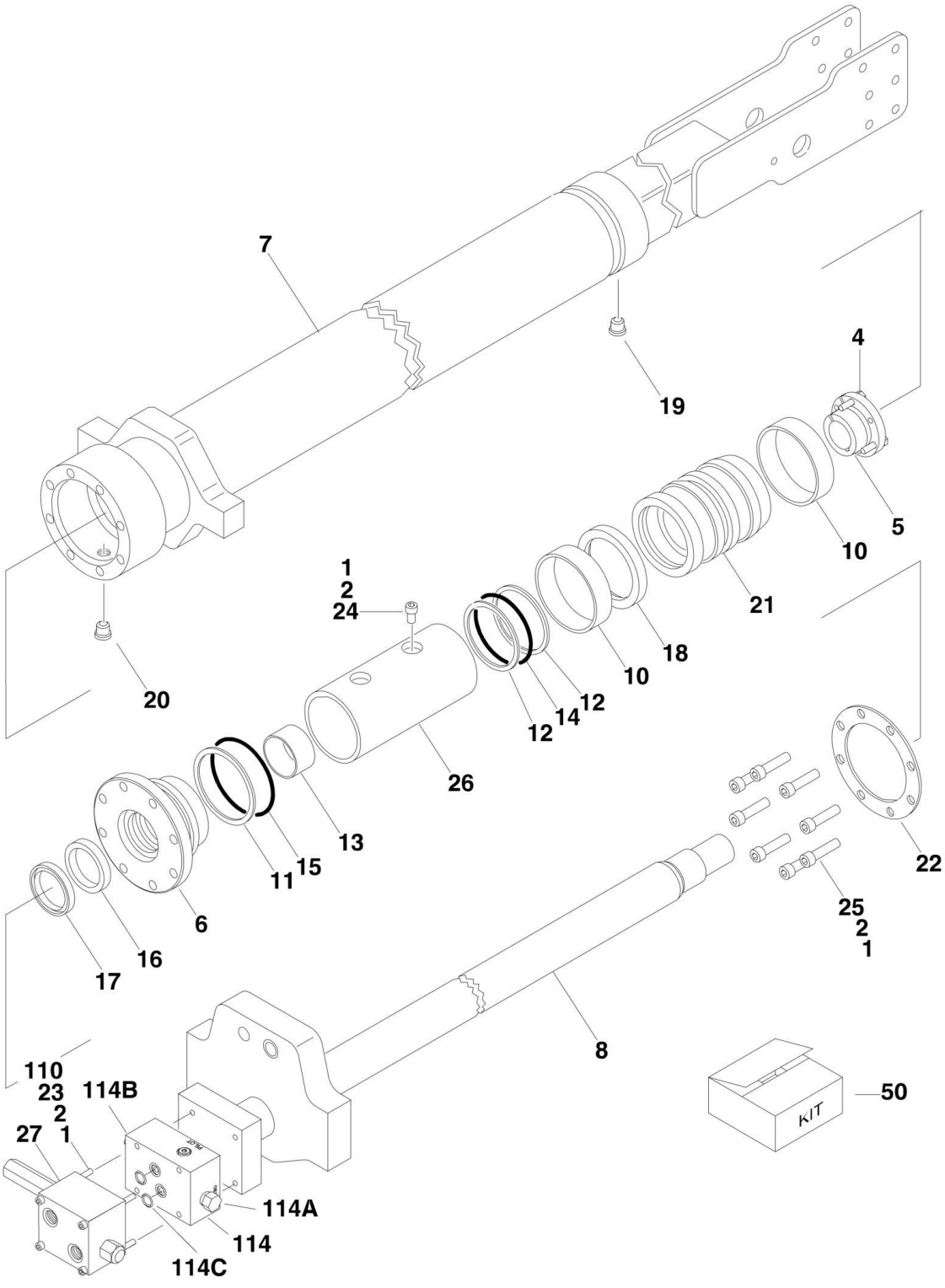
**FIGURE 5-13. STEER CYLINDER ASSEMBLY (SN 0300014266 through 0300182743, SN B300000100 through B300001091)**



## FIGURE 5-13. STEER CYLINDER ASSEMBLY (SN 0300014266 through 0300182743, SN B300000100 through B300001091)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001097243 | Ref | **STEER CYLINDER ASSEMBLY** | C |
| 1 | 70002744 | 1 | Piston | |
| 2 | See Note | NSS | Seal (Note: Use Item 100) | |
| 3 | See Note | NSS | Seal (Note: Use Item 100) | |
| 4 | 70002745 | 2 | Setscrew | |
| 5 | 70002746 | 1 | Rod Weldment | |
| 6 | 70002747 | 1 | Barrel Weldment | |
| 7 | 70002748 | 1 | Head | |
| 8 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 9 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 10 | See Note | NSS | Ring, Retainer (Note: Use Item 100) | |
| 11 | 70002749 | 1 | Nut, Spanner | |
| 12 | See Note | NSS | Seal (Note: Use Item 100) | |
| 13 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 15 | 70002750 | 5 | Plug, Port | |
| 16 | 0962356 | 4 | Bushings | |
| 100 | 70002751 | 1 | Seal Kit (Includes Items 2, 3, 8-10 & 12-14) | |

## FIGURE 5-14. TELESCOPE CYLINDER ASSEMBLY



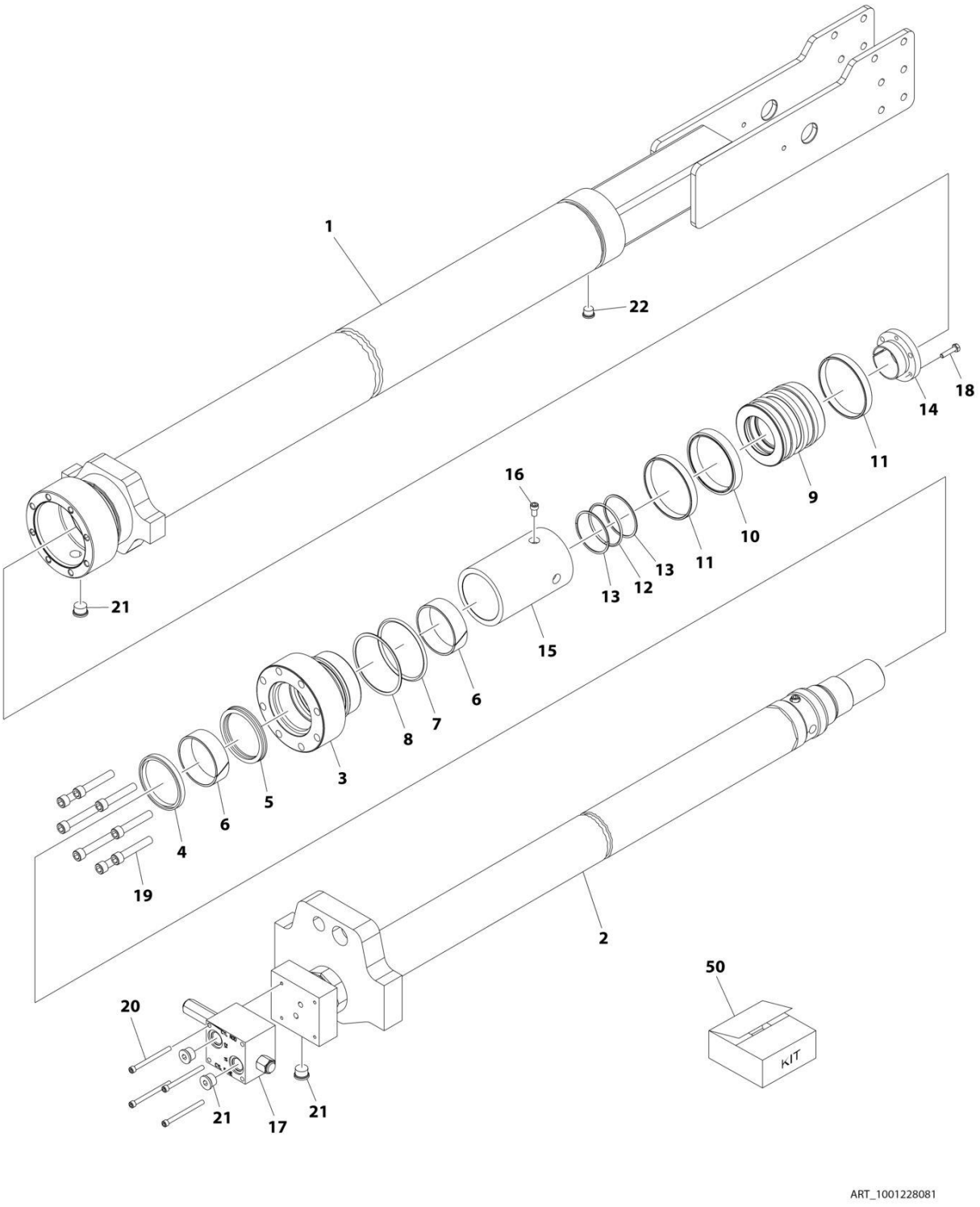
## FIGURE 5-14. TELESCOPE CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **TELESCOPE CYLINDER ASSEMBLY** | |
| | 1684041 | Ref | **Telescope Cylinder Assembly (Original Equipment) (800S)** | F |
| | 1001177317 | Ref | **Telescope Cylinder Assembly (Service Equipment) (800S)** | B |
| | 1684043 | Ref | **Telescope Cylinder Assembly (Original Equipment) (860SJ)** | G |
| | 1001181588 | Ref | **Telescope Cylinder Assembly (Service Equipment) (860SJ)** | C |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 4 | 0630535 | 3 | Bolt 1/4in-20NC x 1-1/8in | |
| 5 | 0961897 | 1 | Bushing, Tapered | |
| 6 | | Ref | Head Options: | |
| 6 | 1683077 | 1 | Head (1684041 & 1684043 Cylinders) | |
| 6 | 1001175884 | 1 | Head (1001177317 & 1001181588 Cylinders) | |
| 7 | | Ref | Barrel Options: | |
| 7 | 1684049 | 1 | Barrel 800S | |
| 7 | 1684045 | 1 | Barrel 860SJ | |
| 8 | | Ref | Rod Options: | |
| 8 | | Ref | Rod 800S | |
| 8 | 1684267 | 1 | USA Built Machines **(SN 0300140000 through 0300150026)** | |
| 8 | 1001115631 | 1 | USA Built Machines **(SN 0300150027 through 0300182743)** | |
| 8 | 1684267 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 8 | 1001115631 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |
| 8 | | Ref | Rod 860SJ | |
| 8 | 1684269 | 1 | USA Built Machines **(SN 0300140000 through 0300150026)** | |
| 8 | 1001115465 | 1 | USA Built Machines **(SN 0300150027 through 0300182743)** | |
| 8 | 1684269 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 8 | 1001115465 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |
| 10 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 12 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 15 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 16 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 17 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 18 | See Note | NSS | T-Seal (Note: Use Item 50) | |
| 19 | 2220885 | 1 | Plug, O-Ring | |
| 20 | 2220886 | 2 | Plug, O-Ring | |
| 21 | | Ref | Piston Options: | |
| 21 | 3480266 | 1 | USA Built Machines **(SN 0300140000 through 0300150026)** | |
| 21 | 1001115504 | 1 | USA Built Machines **(SN 0300150027 through 0300182743)** | |
| 21 | 3480266 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 21 | 1001115504 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |

# SECTION 5 - CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 22 | 1001108958 | 1 | Ring, Washer | |
| 23 | 3931448 | 4 | Capscrew 1/4in-20NC x 3in | |
| 24 | 3931508 | 1 | Capscrew 5/16in-18NC x 1/2in | |
| 25 | | Ref | Capscrew Options: | |
| 25 | 3931724 | 8 | Capscrew 7/16in-14NC x 1-1/2in (1684041 & 1684043 Cylinders) | |
| 25 | 3931740 | 8 | Capscrew 7/16in-14NC x 2-1/2in (1001177317 & 1001181588 Cylinders) | |
| 26 | | Ref | Spacer, Tube Options: | |
| 26 | | Ref | Spacer, Tube 800S | |
| 26 | 4568264 | 1 | USA Built Machines **(SN 0300140000 through 0300150026)** | |
| 26 | 1001115633 | 1 | USA Built Machines **(SN 0300150027 through 0300182743)** | |
| 26 | 4568264 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 26 | 1001115633 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |
| 26 | | Ref | Spacer, Tube 860SJ | |
| 26 | 4568282 | 1 | USA Built Machines **(SN 0300140000 through 0300150026)** | |
| 26 | 1001115469 | 1 | USA Built Machines **(SN 0300150027 through 0300182743)** | |
| 26 | 4568282 | 1 | China Built Machines **(SN B300000100 through B300000281)** | |
| 26 | 1001115469 | 1 | China Built Machines **(SN B300000282 through B300001091)** | |
| 27 | 4641033 | 1 | Valve Assembly (No serviceable parts - sold as assembly only) | |
| 27 | 7024508 | 2 | O-Ring (Not Shown - Located between valve and cylinder) | |
| 50 | | Ref | Seal Kit (Includes Items 10-18) Options: | |
| 50 | 2901554 | 1 | USA Built Machines (1684041 & 1684043 Cylinders) **(SN 0300140000 through 0300150026)** | |
| 50 | 1001115617 | 1 | USA Built Machines (1684041 & 1684043 Cylinders) **(SN 0300150027 through 0300182743)** | |
| 50 | 1001181694 | 1 | USA Built Machines (1001177317 & 1001181588 Cylinders) | |
| 50 | 2901554 | 1 | China Built Machines (1684041 & 1684043 Cylinders) **(SN B300000100 through B300000281)** | |
| 50 | 1001115617 | 1 | China Built Machines (1684041 & 1684043 Cylinders) **(SN B300000282 through B300001091)** | |
| 50 | 1001181694 | 1 | China Built Machines (1001177317 & 1001181588 Cylinders) | |
| | 0272750 | Ref | **MANUAL DESCENT INSTALLATION** | B |
| 110 | 3931480 | 4 | Capscrew 1/4in-20NC x 5in | |
| 114 | 4641262 | 1 | Valve, Assembly (Manual Descent) | |
| 114A | 7026015 | 1 | Cartridge | |
| 114A | 7026004 | 1 | Seal Kit - 7026015 Cartridge | |
| 114B | 7026016 | 1 | Cartridge | |
| 114B | 7011346 | 1 | Seal Kit - 7026016 Cartridge | |
| 114C | 3790112 | 2 | O-Ring | |

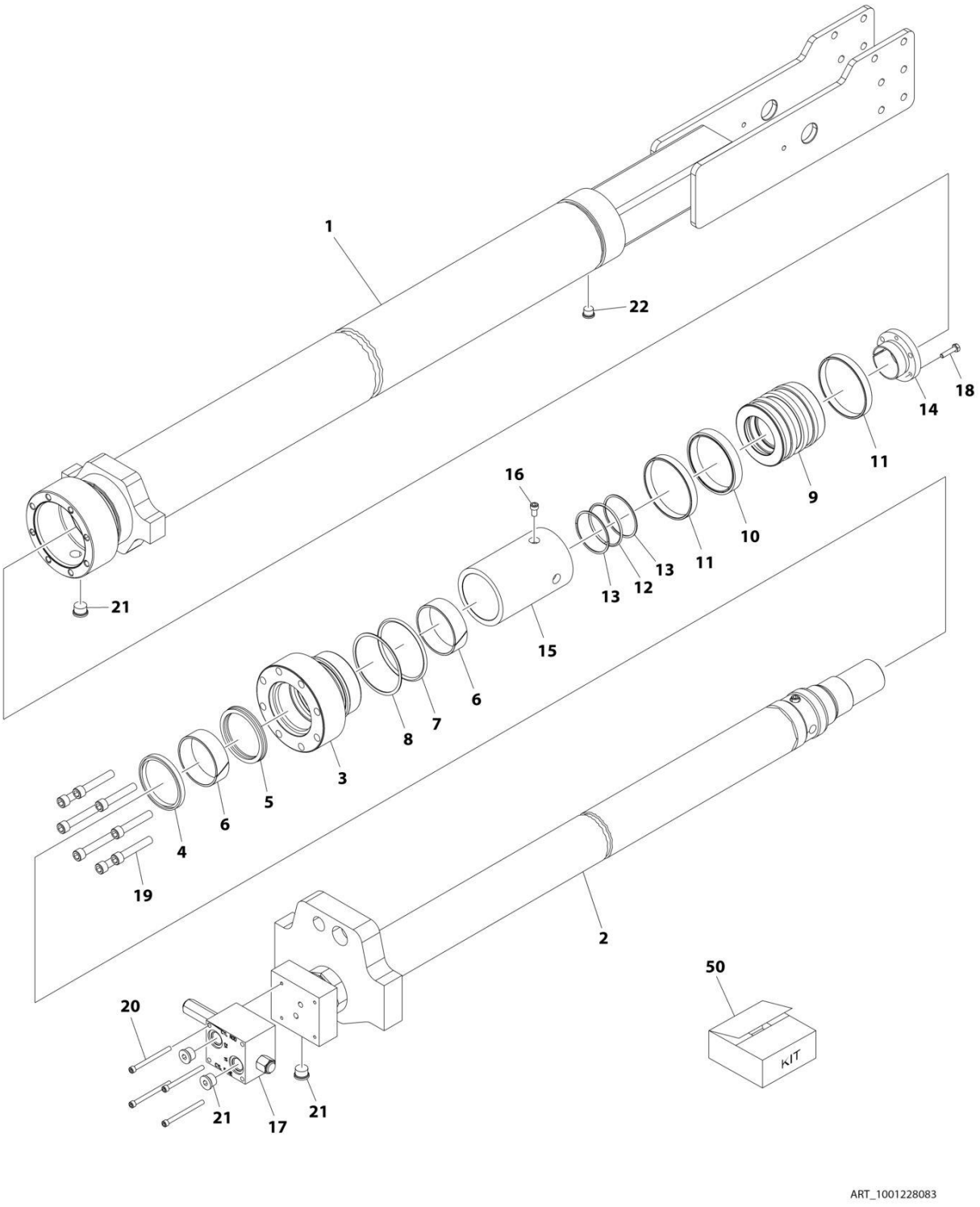
## FIGURE 5-15. TELESCOPE CYLINDER ASSEMBLY (SERVICE REPLACEMENT) (800S)



## FIGURE 5-15. TELESCOPE CYLINDER ASSEMBLY (SERVICE REPLACEMENT) (800S)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228081 | Ref | TELESCOPE CYLINDER ASSEMBLY | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006719 | 1 | Rod | |
| 3 | 70006694 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | 70006720 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | 0961897 | 1 | Bushing, Tapered | |
| 15 | 70006721 | 1 | Spacer, Tube | |
| 16 | 3931508 | 1 | Capscrew 5/16 x 1/2 | |
| 17 | 4641033 | 1 | Valve Assembly (No serviceable parts - sold as assembly only) | |
| 17 | 7024508 | 2 | O-Ring (Not Shown - Located between valve and cylinder) | |
| 18 | 0630535 | 3 | Bolt 1/4 x 1-1/8 | |
| 19 | 3931740 | 8 | Capscrew 7/16 x 2-1/2 | |
| 20 | 3931448 | 4 | Capscrew 1/4 x 3 | |
| 21 | 2220886 | 2 | Plug, O-Ring | |
| 22 | 2220885 | 1 | Plug, O-Ring | |
| 50 | 1001181694 | 1 | Seal Kit Options (Includes Items 4-8 & 10-13) | |

## FIGURE 5-16. TELESCOPE CYLINDER ASSEMBLY (SERVICE REPLACEMENT) (860SJ)

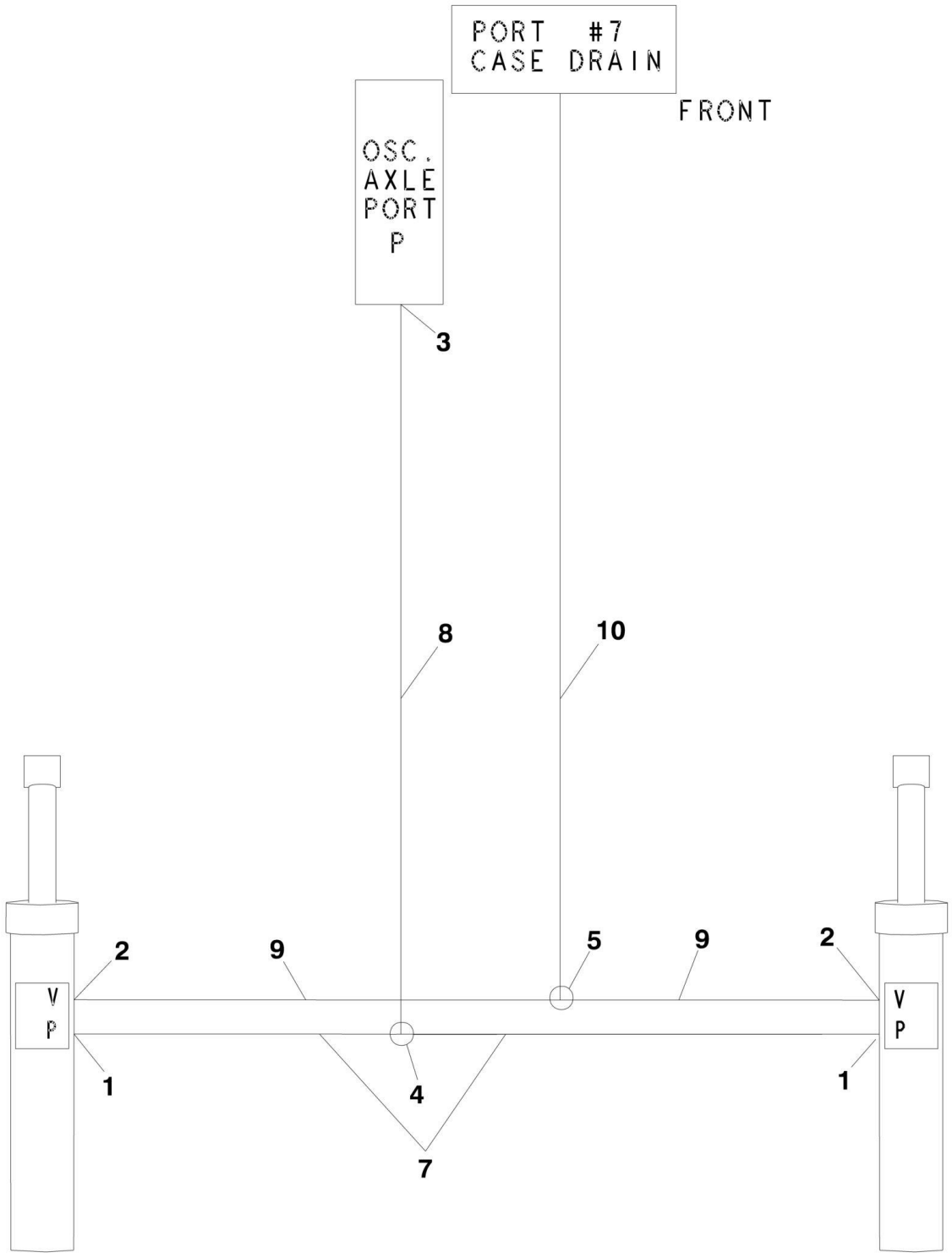


## FIGURE 5-16. TELESCOPE CYLINDER ASSEMBLY (SERVICE REPLACEMENT) (860SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228083 | Ref | TELESCOPE CYLINDER ASSEMBLY | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006729 | 1 | Rod | |
| 3 | 70006694 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | 70006720 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | 0961897 | 1 | Bushing, Tapered | |
| 15 | 70006730 | 1 | Spacer, Tube | |
| 16 | 70006731 | 1 | Bolt | |
| 17 | 4641033 | 1 | Valve Assembly (No serviceable parts - sold as assembly only) | |
| 17 | 7024508 | 2 | O-Ring (Not Shown - Located between valve and cylinder) | |
| 18 | 0630535 | 3 | Bolt 1/4 x 1-1/8 | |
| 19 | 70006732 | 8 | Bolt | |
| 20 | 70006733 | 4 | Bolt | |
| 21 | 2220886 | 4 | Plug, O-Ring | |
| 22 | 2220885 | 1 | Plug, O-Ring | |
| 50 | 1001181694 | 1 | Seal Kit Options (Includes Items 4-8 & 10-13) | |

# SECTION 6 - HYDRAULIC

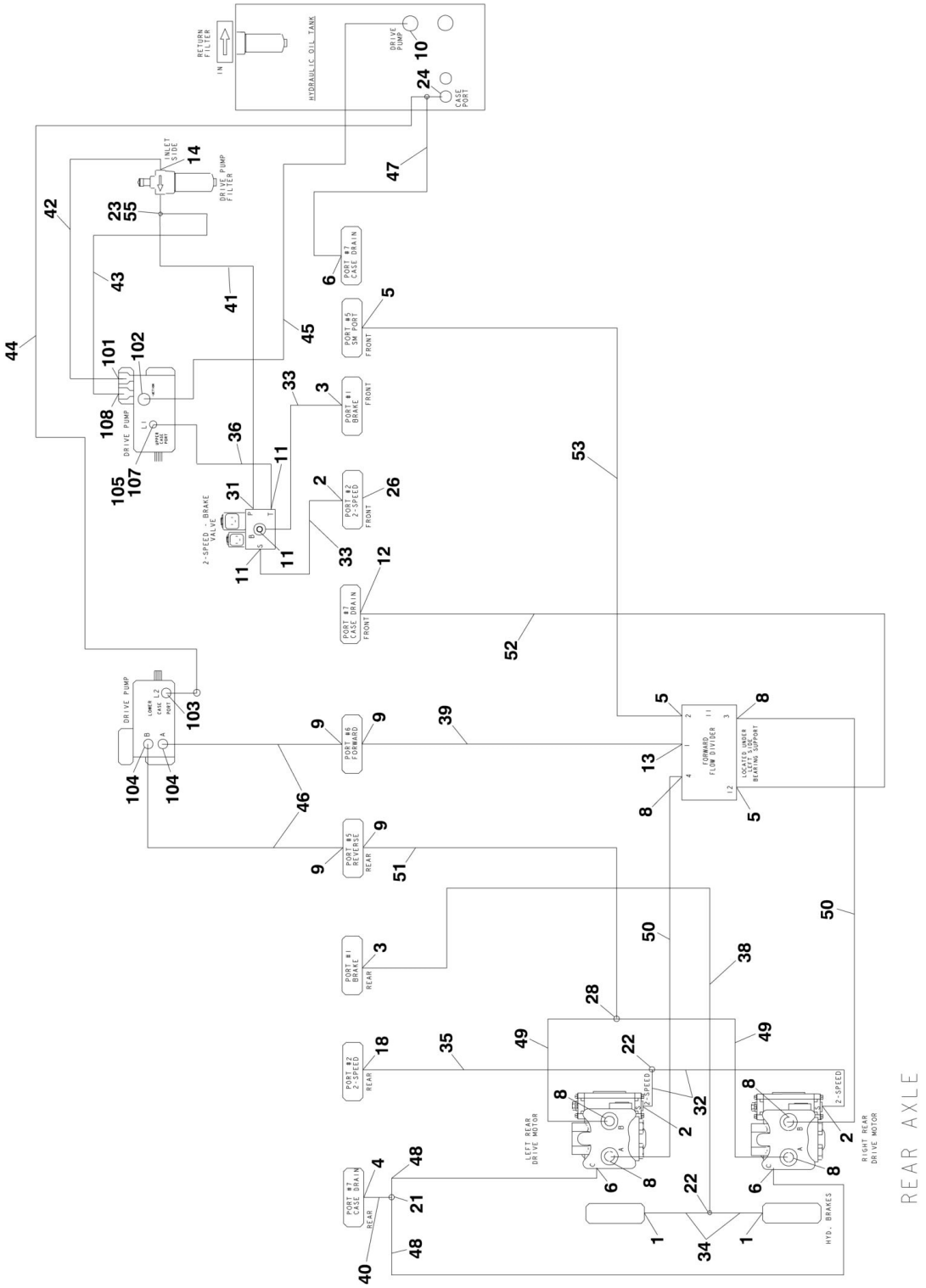
**FIGURE 6-1. AXLE LOCKOUT HYDRAULIC DIAGRAM**



## FIGURE 6-1. AXLE LOCKOUT HYDRAULIC DIAGRAM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2792648 | Ref | **AXLE LOCKOUT HYDRAULIC DIAGRAM** | 3-L |
| 1 | 2110406 | 2 | Fitting, Straight | |
| 2 | 2110606 | 2 | Fitting, Straight | |
| 3 | 2110408 | 1 | Fitting, Straight | |
| 4 | 2170504 | 1 | Fitting, Tee | |
| 5 | 2170506 | 1 | Fitting, Tee | |
| 7 | 2753629 | 2 | Hose | |
| 8 | 2753630 | 1 | Hose | |
| 9 | 2753624 | 2 | Hose | |
| 10 | 2753627 | 1 | Hose | |

## FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD

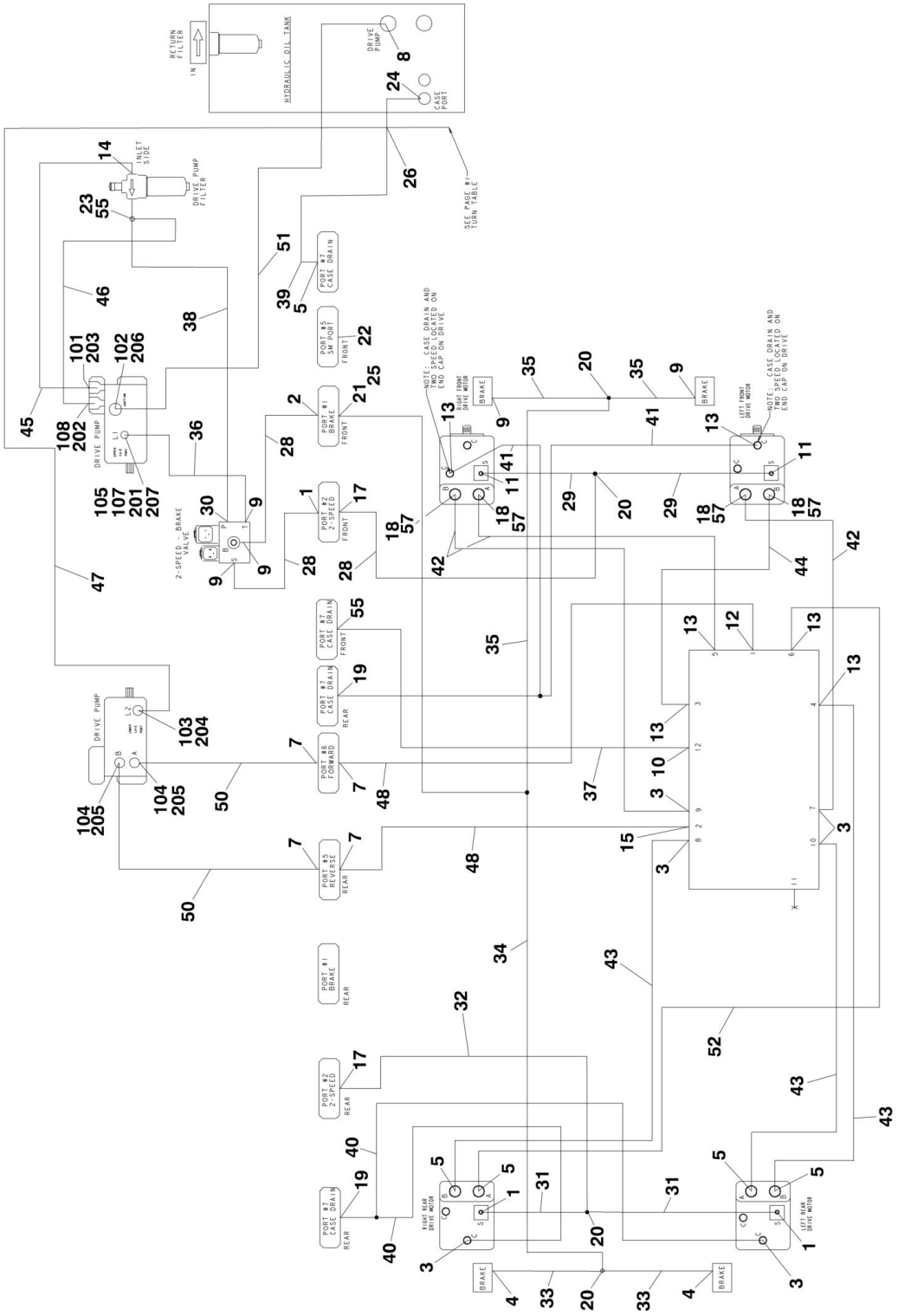


## FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2792714 | Ref | **DRIVE HYDRAULIC DIAGRAM - 2WD** | B-L |
| 1 | 2110404 | 2 | Fitting, Straight | |
| 2 | 2110406 | 3 | Fitting, Straight | |
| 3 | 2110408 | 2 | Fitting, Straight | |
| 4 | 2110808 | 1 | Fitting, Straight | |
| 5 | 2110606 | 3 | Fitting, Straight | |
| 6 | 2110812 | 3 | Fitting, Straight | |
| 8 | 2111212 | 6 | Fitting, Straight | |
| 9 | 2111616 | 4 | Fitting, Straight | |
| 10 | 2111620 | 1 | Fitting, Straight | |
| 11 | 2130404 | 3 | Fitting, 90 | |
| 12 | 2170406 | 1 | Fitting, Tee | |
| 13 | 2151616 | 1 | Fitting, 45 | |
| 14 | 2131012 | 1 | Fitting, 90 | |
| 18 | 2150406 | 1 | Fitting, 45 | |
| 21 | 2170508 | 1 | Fitting, Tee | |
| 22 | 2170504 | 2 | Fitting, Tee | |
| 23 | 2221183 | 1 | Fitting, Reducer | |
| 24 | 2221088 | 2 | Fitting, Tee | |
| 26 | 2220237 | 1 | Fitting, Plug | |
| 28 | 2170516 | 1 | Fitting, Tee | |
| 31 | 2170204 | 1 | Fitting, 90 | |
| 32 | 2754401 | 2 | Hose | |
| 33 | 2753540 | 2 | Hose | |
| 34 | 2753725 | 2 | Hose | |
| 35 | 3753550 | 1 | Hose | |
| 36 | 2753935 | 1 | Hose | |
| 38 | 2753622 | 1 | Hose | |
| 39 | 2753635 | 1 | Hose | |
| 40 | 2753685 | 1 | Hose | |
| 41 | 1001095307 | 1 | Hose | |
| 42 | 2753660 | 1 | Hose | |
| 43 | 1001095308 | 1 | Hose | |
| 44 | 2753664 | 1 | Hose | |
| 45 | 2753807 | 1 | Hose | |
| 46 | 2753667 | 2 | Hose | |
| 47 | 2754242 | 1 | Hose | |
| 48 | 2754240 | 2 | Hose | |
| 49 | 2754238 | 2 | Hose | |
| 50 | 2753688 | 2 | Hose | |
| 51 | 2754402 | 1 | Hose | |
| 52 | 2754242 | 1 | Hose | |
| 53 | 2754243 | 1 | Hose | |
| 55 | 2221084 | 1 | Fitting, Tee | |
| | 3600410 | Ref | **PISTON PUMP ASSEMBLY** | C |
| 101 | 2111010 | 1 | Fitting, Straight | |
| 102 | 2111616 | 1 | Fitting, Straight | |
| 103 | 2131212 | 1 | Fitting, 90 | |
| 104 | 2131616 | 2 | Fitting, 90 | |
| 105 | 2110408 | 1 | Fitting, Straight | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 107 | 2220811 | 1 | Fitting, Reducer | |
| 108 | 2110810 | 1 | Fitting, Straight | |

## FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD

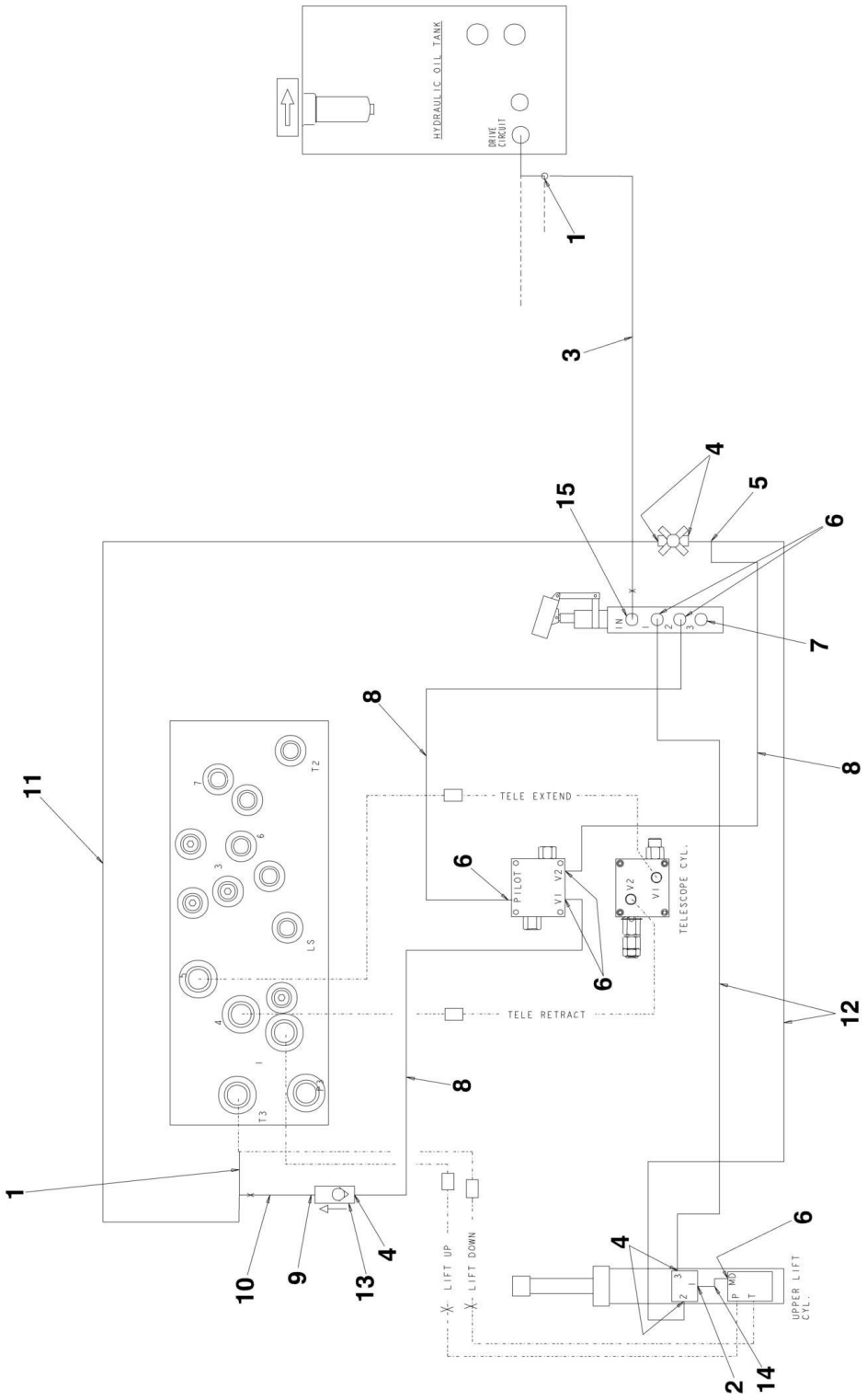


## FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **DRIVE HYDRAULIC DIAGRAM - 4WD** | |
| | 2792713 | Ref | **Without Arctic Package** | C-L |
| | 2792770 | Ref | **With Arctic Package** | C |
| 1 | 2110406 | 3 | Fitting, Straight | |
| 2 | 2110408 | 1 | Fitting, Straight | |
| 3 | 2110808 | 6 | Fitting, Straight | |
| 4 | 2110404 | 2 | Fitting, Straight | |
| 5 | 2110812 | 5 | Fitting, Straight | |
| 7 | 2111616 | 4 | Fitting, Straight | |
| 8 | 2111620 | 1 | Fitting, Straight (Sauer-Danfoss Drive Pump) | |
| 8 | 2112020 | 1 | Fitting, Straight (Eaton Drive Pump) | |
| 9 | 2130404 | 5 | Fitting, Elbow | |
| 10 | 2130604 | 1 | Fitting, Elbow | |
| 11 | 2130406 | 2 | Fitting, Elbow | |
| 12 | 2151616 | 1 | Fitting, Elbow | |
| 13 | 2130808 | 6 | Fitting, Elbow | |
| 14 | 2131012 | 1 | Fitting, Elbow | |
| 15 | 2131616 | 1 | Fitting, Elbow | |
| 17 | 2150406 | 2 | Fitting, Elbow | |
| 18 | 2150808 | 4 | Fitting, Elbow | |
| 19 | 2170408 | 2 | Fitting, Tee | |
| 20 | 2170504 | 4 | Fitting, Tee | |
| 21 | 2170350 | 1 | Fitting, Tee | |
| 22 | 2220237 | 1 | Fitting, Plug | |
| 23 | 2221183 | 1 | Fitting, Reducer | |
| 24 | 2221088 | 1 | Fitting, Tee | |
| 25 | 2220591 | 1 | Fitting, Reducer | |
| 26 | 2170708 | 1 | Fitting, Tee | |
| 28 | 2753540 | 3 | Hose | |
| 29 | | Ref | Hose Options: | |
| 29 | 2753549 | 2 | Without Arctic Package | |
| 29 | 2754718 | 2 | With Arctic Package | |
| 30 | 2130204 | 1 | Fitting, Elbow | |
| 31 | 2754401 | 2 | Hose | |
| 32 | 2753550 | 1 | Hose | |
| 33 | 2754337 | 2 | Hose | |
| 34 | 2754044 | 1 | Hose | |
| 35 | | Ref | Hose Options: | |
| 35 | 2753622 | 3 | Without Arctic Package | |
| 35 | 2754719 | 3 | With Arctic Package | |
| 36 | 2753935 | 1 | Hose | |
| 37 | 2753626 | 1 | Hose | |
| 38 | 1001095307 | 1 | Hose | |
| 39 | 2753685 | 1 | Hose | |
| 40 | 2753686 | 2 | Hose | |
| 41 | | Ref | Hose Options: | |
| 41 | 2753628 | 2 | Without Arctic Package | |
| 41 | 2754720 | 2 | With Arctic Package | |
| 42 | | Ref | Hose Options: | |
| 42 | 2753970 | 3 | Without Arctic Package | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | 2754743 | 3 | With Arctic Package | |
| 43 | 2753971 | 3 | Hose | |
| 44 | | Ref | Hose Options: | |
| 44 | 2754040 | 1 | Without Arctic Package | |
| 44 | 2754744 | 1 | With Arctic Package | |
| 45 | 2753660 | 1 | Hose | |
| 46 | 1001095308 | 1 | Hose | |
| 47 | 2753664 | 1 | Hose | |
| 48 | 2753634 | 2 | Hose | |
| 50 | 2753667 | 2 | Hose | |
| 51 | 2753807 | 1 | Hose (Sauer-Danfoss Drive Pump) | |
| 51 | 1001157866 | 1 | Hose (Eaton Drive Pump) | |
| 52 | 2754338 | 1 | Hose | |
| 54 | 2170406 | 1 | Fitting, Tee | |
| 55 | 2221084 | 1 | Fitting, Tee | |
| 57 | 2220811 | 4 | Fitting, Reducer | |
| | 3600410 | Ref | **SAUER-DANFOSS PUMP ASSEMBLY** | C |
| 101 | 2111010 | 1 | Fitting, Straight | |
| 102 | 2111616 | 1 | Fitting, Straight | |
| 103 | 2131212 | 1 | Fitting, Elbow | |
| 104 | 2131616 | 2 | Fitting, Elbow | |
| 105 | 2110408 | 1 | Fitting, Straight | |
| 107 | 2220811 | 1 | Fitting, Reducer | |
| 108 | 2110810 | 1 | Fitting, Straight | |
| | 1001152522 | Ref | **EATON PUMP ASSEMBLY** | B |
| 201 | 2110408 | 1 | Fitting, Straight | |
| 202 | 2110810 | 1 | Fitting, Straight | |
| 203 | 2111016 | 1 | Fitting, Straight | |
| 204 | 2131212 | 1 | Fitting, Elbow | |
| 205 | 2131616 | 2 | Fitting, Elbow | |
| 206 | 2132016 | 1 | Fitting, Elbow | |
| 207 | 2220811 | 1 | Fitting, Reducer | |

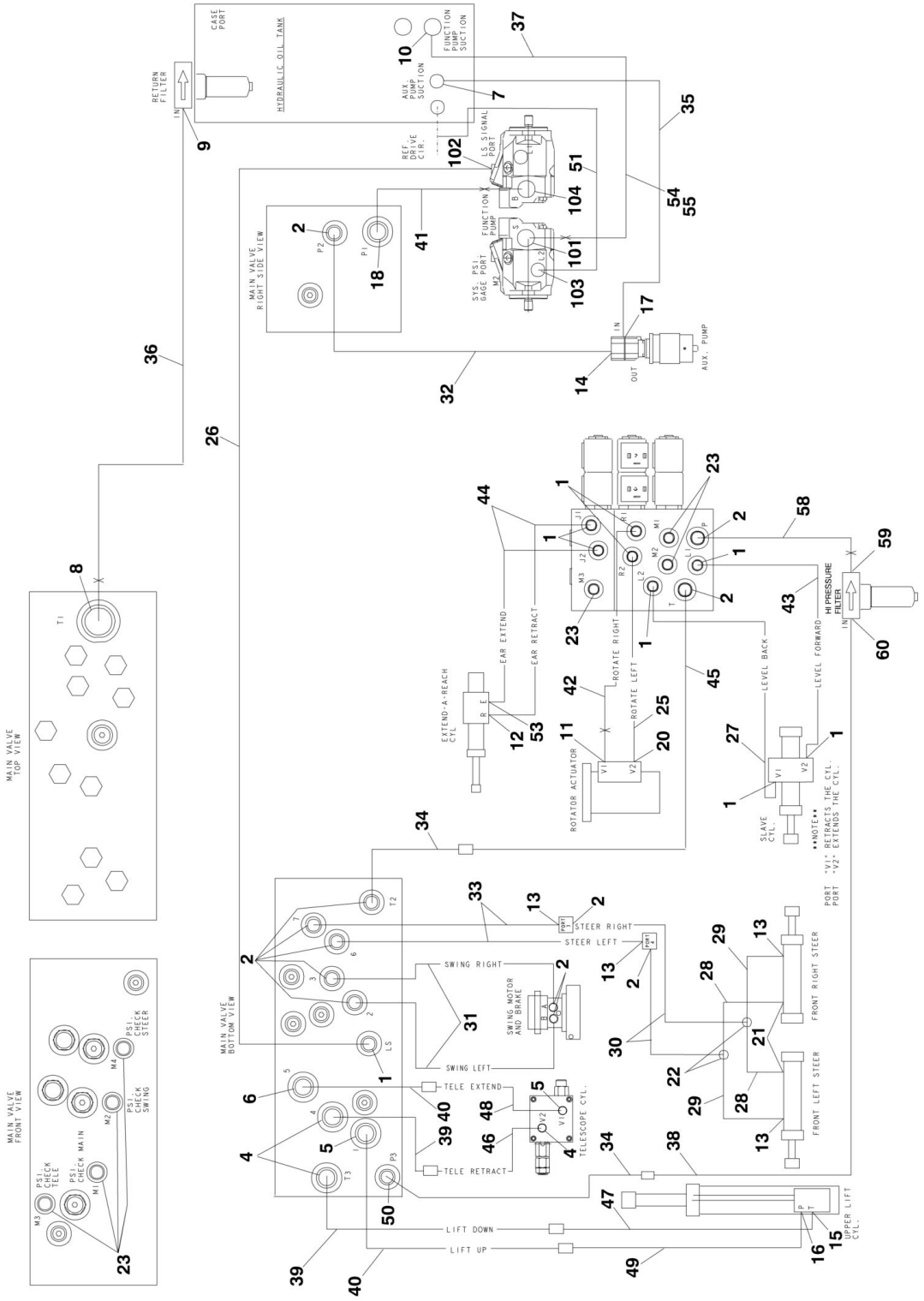
## FIGURE 6-4. MANUAL DESCENT HYDRAULIC DIAGRAM (OPTIONAL)



## FIGURE 6-4. MANUAL DESCENT HYDRAULIC DIAGRAM (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2792597 | Ref | **MANUAL DESCENT HYDRAULIC DIAGRAM** | A |
| 1 | 2170708 | 2 | Fitting, Tee | |
| 2 | 2110406 | 1 | Fitting | |
| 3 | 2753578 | 1 | Hose | |
| 4 | 2130406 | 5 | Fitting, Elbow | |
| 5 | 2170804 | 1 | Fitting, Tee | |
| 6 | 2130404 | 6 | Fitting, Elbow | |
| 7 | 2220235 | 1 | Fitting, Plug | |
| 8 | 2753678 | 3 | Hose | |
| 9 | 2170306 | 1 | Fitting, Tee | |
| 10 | 2753895 | 1 | Hose | |
| 11 | 2753896 | 1 | Hose | |
| 12 | 2753897 | 2 | Hose | |
| 13 | 4640774 | 1 | Valve, Check | |
| 14 | 4568708 | 1 | Tube | |
| 15 | 2110604 | 1 | Fitting | |

## FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM



## FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **STANDARD HYDRAULIC DIAGRAM** | |
| | | Ref | **Standard Hydraulic Diagram 800S** | |
| | 2792649 | Ref | **USA Built Machines (SN 0300140000 through 0300176301 Only)** | B-L |
| | 1001151207 | Ref | **USA Built Machines (SN 0300176302 through 0300182743 Only)** | A-M |
| | 2792649 | Ref | **China Built Machines (SN B300000100 through B300000825 Only)** | B-L |
| | 1001151207 | Ref | **China Built Machines Only (SN B300000826 through B300001091)** | A-M |
| | | Ref | **Standard Hydraulic Diagram 860SJ** | |
| | 2792650 | Ref | **USA Built Machines (SN 0300140000 through 0300176301 Only)** | B-L |
| | 1001151208 | Ref | **USA Built Machines (SN 0300176302 through 0300182743 Only)** | A-M |
| | 2792650 | Ref | **China Built Machines (SN B300000100 through B300000825 Only)** | B-L |
| | 1001151208 | Ref | **China Built Machines Only (SN B300000826 through B300001091)** | A-M |
| 1 | 2110404 | AR | Fitting, Straight | |
| 2 | 2110606 | 12 | Fitting, Straight | |
| 4 | 2110808 | 3 | Fitting, Straight | |
| 5 | 2111008 | 2 | Fitting, Straight | |
| 6 | 2111010 | 1 | Fitting, Straight | |
| 7 | | Ref | Fitting Options: | |
| 7 | 2111212 | 1 | Fitting, Straight (USA Built Machines) **(SN 0300140000 through 0300143625 Only)** | |
| 7 | 2151212 | 1 | Fitting, Elbow (USA Built Machines) **(SN 300143626 through 0300182743 Only)** | |
| 7 | 2111212 | 1 | Fitting, Straight (China Built Machines) **(SN B300000100 through B300000160 Only)** | |
| 7 | 2151212 | 1 | Fitting, Elbow (China Built Machines Only) **(SN B300000161 through B300001091)** | |
| 8 | | Ref | Fitting Options: | |
| 8 | 2111612 | 1 | Fitting 800S - Fitting, Straight (USA Built Machines) **(SN 0300140000 through 0300144797 Only)** | |
| 8 | 2131612 | 1 | Fitting 800S - Fitting, Elbow (USA Built Machines) **(SN 0300144798 through 0300182743 Only)** | |
| 8 | 2111612 | 1 | Fitting 800S - Fitting, Straight (China Built Machines) **(SN B300000100 through B300000214 Only)** | |
| 8 | 2131612 | 1 | Fitting 800S - Fitting, Elbow (China Built Machines Only) **(SN B300000215 through B300001091)** | |
| 8 | 2111612 | 1 | Fitting 860SJ - Fitting, Straight | |
| 9 | 2111616 | 1 | Fitting, Straight | |
| 10 | 2112424 | 1 | Fitting, Straight | |
| 11 | 2130404 | 1 | Fitting, Elbow | |
| 12 | | Ref | Fitting, Elbow Options: | |
| 12 | Not Required | 0 | Fitting, Elbow 800S | |
| 12 | 2130406 | 1 | Fitting, Elbow 860SJ | |
| 13 | 2130606 | 4 | Fitting, Elbow | |
| 14 | 2130608 | 1 | Fitting, Elbow | |
| 15 | 2130810 | 1 | Fitting, Elbow | |
| 16 | 2131010 | 1 | Fitting, Elbow | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 17 | | Ref | Fitting Options: | |
| 17 | 2131210 | 1 | Fitting, Elbow (USA Built Machines) **(SN 0300140000 through 0300176301 Only)** | |
| 17 | 2111208 | 1 | Fitting, Straight (USA Built Machines Only) **(SN 0300176302 through 0300182743)** | |
| 17 | 2131210 | 1 | Fitting, Elbow (China Built Machines) **(SN B300000100 through B300000825 Only)** | |
| 17 | 2111208 | 1 | Fitting, Straight (China Built Machines Only) **(SN B300000826 through B300001091)** | |
| 18 | 2131212 | 1 | Fitting, Elbow | |
| 20 | 2150404 | 1 | Fitting, Elbow | |
| 21 | 2150606 | 2 | Fitting, Elbow | |
| 22 | 2170506 | 2 | Fitting, Tee | |
| 23 | 2221086 | AR | Fitting, Pressure Check | |
| 25 | 2753545 | 1 | Hose | |
| 26 | 2753622 | 1 | Hose | |
| 27 | | Ref | Hose Options: | |
| 27 | 2753622 | 1 | Hose 800S | |
| 27 | 2753677 | 1 | Hose 860SJ | |
| 28 | 2753625 | 2 | Hose | |
| 29 | 2753626 | 2 | Hose | |
| 30 | 2753627 | 2 | Hose | |
| 31 | 2753653 | 2 | Hose | |
| 32 | 2753654 | 1 | Hose | |
| 33 | 2753656 | 2 | Hose | |
| 34 | 2753657 | 2 | Hose | |
| 35 | | Ref | Hose Options: | |
| 35 | 2753662 | 1 | USA Built Machines **(SN 0300140000 through 0300176301 Only)** | |
| 35 | 1001111968 | 1 | USA Built Machines Only **(SN 0300176302 through 0300182743)** | |
| 35 | 2753662 | 1 | China Built Machines **(SN B300000100 through B300000825 Only)** | |
| 35 | 1001111968 | 1 | China Built Machines Only **(SN B300000826 through B300001091)** | |
| 36 | 2753665 | 1 | Hose | |
| 37 | 2753808 | 1 | Hose | |
| 38 | | Ref | Hose Options: | |
| 38 | 2753693 | 1 | Hose 800S | |
| 38 | 2753692 | 1 | Hose 860SJ | |
| 39 | 2753670 | 2 | Hose | |
| 40 | 2753671 | 2 | Hose | |
| 41 | 2753672 | 1 | Hose | |
| 42 | 2753674 | 1 | Hose | |
| 43 | | Ref | Hose Options: | |
| 43 | 2753675 | 1 | Hose 800S | |
| 43 | 2753678 | 1 | Hose 860SJ | |
| 44 | | Ref | Hose Options: | |
| 44 | Not Required | 0 | Hose 800S | |
| 44 | 2753676 | 2 | Hose 860SJ | |
| 45 | | Ref | Hose Options: | |
| 45 | 2753679 | 1 | Hose 800S | |
| 45 | 2753680 | 1 | Hose 860SJ | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 2753681 | 1 | Hose | |
| 47 | 2753682 | 1 | Hose | |
| 48 | 2753683 | 1 | Hose | |
| 49 | 2753684 | 1 | Hose | |
| 50 | 2110608 | 1 | Fitting, Straight | |
| 51 | 2753590 | 1 | Hose | |
| 53 | | Ref | Fitting, Elbow Options: | |
| 53 | Not Required | 0 | Fitting, Elbow 800S | |
| 53 | 2180829 | 1 | Fitting, Elbow 860SJ | |
| 54 | 4061032 | 1 | Hose Guard | |
| 55 | 4240018 | 3 | Tie Strap | |
| 58 | 2717059 | 1 | Hose (USA Built Machines) **(SN 0300141319 through 0300182743)** | |
| 58 | 2717059 | 1 | Hose (China Built Machines) **(SN B300000100 through B300001091)** | |
| 59 | 2110612 | 1 | Fitting, Adapter (USA Built Machine) **(SN 0300141319 through 0300182743 Only)** | |
| 59 | 2110612 | 1 | Fitting, Adapter (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| 60 | 2130612 | 1 | Fitting, Adapter (USA Built Machines) **(SN 0300141319 through 0300182743 Only)** | |
| 60 | 2130612 | 1 | Fitting, Adapter (China Built Machines Only) **(SN B300000100 through B300001091)** | |
| | 2902460 | 1 | Hose Kit - 800S (Includes Items 26, 38, 42, 43 & 45) | |
| | 2902461 | 1 | Hose Kit - 800S/860SJ (Includes Items 34, 39, 40, 47 & 49) | |
| | 2902462 | 1 | Hose Kit - 860SJ (Includes Items 27, 38 & 42-45) | |
| | 3600411 | Ref | **LOAD SENSING PUMP AND FITTING ASSEMBLY** | A |
| 101 | 2112424 | 1 | Fitting, Straight | |
| 102 | 2130404 | 1 | Fitting, Elbow | |
| 103 | 2130810 | 1 | Fitting, Elbow | |
| 104 | 2131216 | 1 | Fitting, Elbow | |

## FIGURE 6-6. HYDRAULIC DIAGRAM LIST

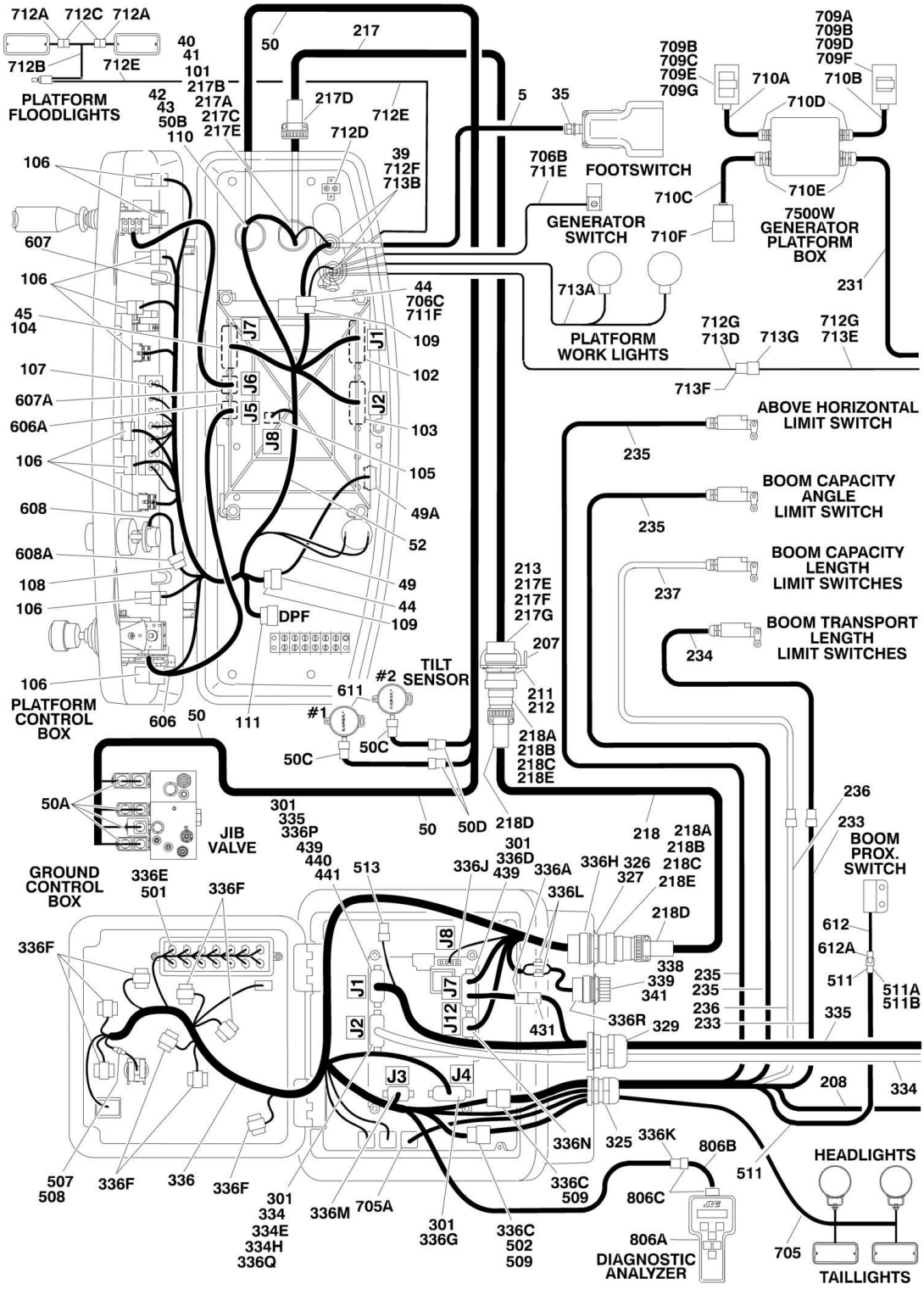
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: Information on diagrams not shown are available from JLG Service/Parts Departments.** | |
| | 2792648 | Ref | **Axle Lockout Hydraulic Diagram** | |
| | 1283387 | Ref | **Axle Lockout Hydraulic Diagram** | |
| | | Ref | **Drive Hydraulic Diagrams:** | |
| | 2792714 | Ref | **2WD Machines** | |
| | 1283387 | Ref | **2WD Machines** | |
| | 2792713 | Ref | **4WD Machines** | |
| | 1283387 | Ref | **4WD Machines** | |
| | 2792770 | Ref | **4WD Machines with Arctic Package** | |
| | 2792597 | Ref | **Manual Descent Hydraulic Diagram (Optional)** | |
| | | Ref | **Oil Cooler Hydraulic Diagrams:** | |
| | | Ref | **Deutz Engine Options:** | |
| | 1001108703 | Ref | **USA Built Machines (SN 0300140000 through 0300163079)** | |
| | 1001108703 | Ref | **China Built Machines (SN B300000100 through B300000661)** | |
| | 1001138328 | Ref | **USA Built Machines (SN 0300163080 through 0300182743)** | |
| | 1001138328 | Ref | **China Built Machines (SN B300000662 through B300001091)** | |
| | 0271939 | Ref | **GM Engine Machines** | |
| | 1283309 | Ref | **GM Engine Machines** | |
| | | Ref | **Standard Hydraulic Diagrams:** | |
| | 2792649 | Ref | **Standard Hydraulic Diagrams 800S** | |
| | 1283387 | Ref | **Standard Hydraulic Diagrams 800S** | |
| | 2792650 | Ref | **Standard Hydraulic Diagrams 860SJ** | |
| | 1283387 | Ref | **Standard Hydraulic Diagrams 860SJ** | |
| | 2792678 | Ref | **Standard Hydraulic Schematic** | |
| | 2792653 | Ref | **Tow Hydraulic Diagram** | |
| | 1283387 | Ref | **Tow Hydraulic Diagram** | |

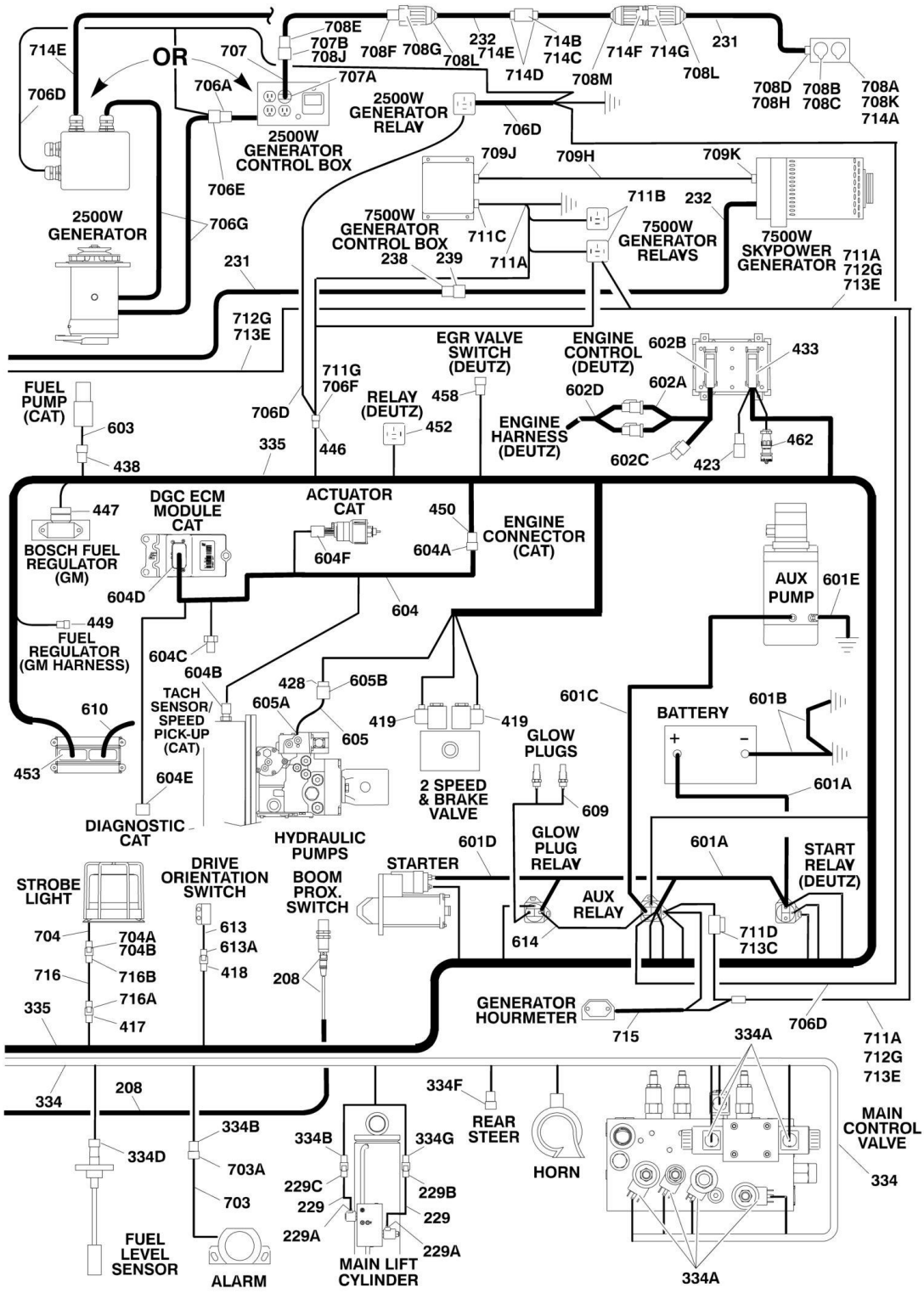
# SECTION 7 - ELECTRICAL

## FIGURE 7-1. ELECTRICAL DIAGRAM LIST

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **GENERATOR ELECTRICAL DIAGRAM** | |
| | | Ref | **2500W Generators (50Hz)** | |
| | 1001112743 | Ref | **ANSI Export Specs - Caterpillar/Deutz** | |
| | | Ref | **2500W Generators (60Hz)** | |
| | 1001112588 | Ref | **ANSI Specs - Caterpillar and Deutz Engines Only** | |
| | 4933350 | Ref | **ANSI Specs - GM Engines Only** | |
| | | Ref | **7500W Generators (60Hz/50Hz)** | |
| | 1001112586 | Ref | **Caterpillar and Deutz Engine Machines** | |
| | 4933349 | Ref | **GM Engine Machines** | |
| | | Ref | **LIGHTS ELECTRICAL DIAGRAM** | |
| | 4933231 | Ref | **CHASSIS FLOOD LIGHTS** | |
| | 4933219 | Ref | **HEAD AND TAIL LIGHTS** | |
| | 4933249 | Ref | **PLATFORM FLOOD LIGHTS** | |
| | | Ref | **PLATFORM WORKLIGHTS ELECTRICAL DIAGRAM** | |
| | 0273472 | Ref | **Platform Worklights Electrical Diagram 800S** | |
| | 0273483 | Ref | **Platform Worklights Electrical Diagram 860SJ** | |
| | 1001128153 | Ref | **Platform Worklights Electrical Diagram 860SJ (4 Corner Worklights)** | |
| | 4933218 | Ref | **SOFT TOUCH ELECTRICAL DIAGRAM** | |
| | | Ref | **STANDARD ELECTRICAL DIAGRAMS** | |
| | 1001110344 | Ref | **Caterpillar Machines** | |
| | 1001110343 | Ref | **Deutz Machines** | |
| | 1001110342 | Ref | **GM Machines** | |
| | | Ref | **STANDARD ELECTRICAL SCHEMATICS** | |
| | | Ref | **Caterpillar, Deutz and GM Engine Machines Options:** | |
| | 1001110325 | Ref | **USA Built Machines (SN 0300140000 through 0300161729)** | |
| | 1001110325 | Ref | **China Built Machines (SN 300000100 through B300000639)** | |
| | 1001141141 | Ref | **USA Built Machines (SN 0300161730 through 0300182743)** | |
| | 1001141141 | Ref | **China Built Machines (SN B300000640 through B300001091)** | |
| | 1001131992 | Ref | **GM Engine Schematic (Engine Schematic Only. P/N 1001110325 or P/N 1001141141 is Schematic for complete machine)** | |

## FIGURE 7-2. HARNESS COMPONENTS INSTALLATION




OR
714E
706D
707
706A
708E
707B
708J
707A
708F
708G
708L
232
714E
714B
714C
714D
714F
714G
231
708M
708L
708D
708H
708B
708C
708A
708K
714A
2500W GENERATOR RELAY
2500W GENERATOR CONTROL BOX
706D
706E
706G
2500W GENERATOR
709J
709H
709K
711B
232
7500W GENERATOR CONTROL BOX
711C
711A
238
239
7500W GENERATOR RELAYS
7500W SKYPOWER GENERATOR
711A
712G
713E
231
712G
713E
EGR VALVE SWITCH (DEUTZ)
ENGINE CONTROL (DEUTZ)
602B
433
602A
602D
711G
706F
706D
RELAY (DEUTZ)
458
452
ENGINE HARNESS (DEUTZ)
602C
423
462
FUEL PUMP (CAT)
603
438
335
446
447
DGC ECM MODULE CAT
ACTUATOR CAT
450
604A
604F
ENGINE CONNECTOR (CAT)
BOSCH FUEL REGULATOR (GM)
604D
604
AUX PUMP
601E
449
FUEL REGULATOR (GM HARNESS)
604C
604B
428
605B
605A
605
419
419
601C
BATTERY
601B
610
TACH SENSOR/ SPEED PICK-UP (CAT)
GLOW PLUGS
453
604E
2 SPEED & BRAKE VALVE
609
601A
DIAGNOSTIC CAT
HYDRAULIC PUMPS
601D
GLOW PLUG RELAY
601A
START RELAY (DEUTZ)
STROBE LIGHT
DRIVE ORIENTATION SWITCH
BOOM PROX. SWITCH
STARTER
AUX RELAY
704
704A
704B
613
613A
711D
713C
716
716B
716A
418
208
614
335
417
GENERATOR HOURMETER
715
706D
711A
712G
713E
334A
334
208
334F
REAR STEER
MAIN CONTROL VALVE
334B
334G
334D
703A
HORN
334
229C
229B
229
703
229
229A
229A
FUEL LEVEL SENSOR
ALARM
MAIN LIFT CYLINDER
334A

## FIGURE 7-2. HARNESS COMPONENTS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **PLATFORM CONSOLE BOX COMPONENTS** | |
| | 1001114896 | Ref | **USA Built Machines (SN 0300140000 through 0300161729)** | G |
| | 1001141140 | Ref | **USA Built Machines (SN 0300161730 through 0300182743)** | A |
| | 1001114896 | Ref | **China Built Machines (SN B300000100 through B300000639)** | G |
| | 1001141140 | Ref | **China Built Machines (SN B300000640 through B300001091)** | A |
| 5 | 1060918 | 7 ft/2.14m | Cable, Electrical - 18/3 | |
| 35 | 4460071 | 1 | Connector, Strain Relief | |
| 39 | 4460428 | 2 | Connector, Strain Relief | |
| 40 | 4460470 | 1 | Nut, Terminal | |
| 41 | 4460471 | 1 | Lockwasher, Terminal | |
| 42 | 4460496 | 1 | Lockwasher, Terminal | |
| 43 | 4460497 | 1 | Nut, Terminal | |
| 44 | 4460708 | 2 | Receptacle - 15 Position | |
| 45 | 4460905 | 5 | Seal, Plug | |
| 49 | 4922666 | 1 | Harness, Analyzer Cable | 2-B |
| 49 | 4460226 | 4 | Socket, Female (Not Shown - Located at J2) | |
| 49A | 4460761 | 1 | Connector, Female - 4 Position | |
| 49A | 4460227 | 4 | Pin, Male | |
| 50 | | Ref | Harness, Upper Valve Options: | |
| 50 | 4922749 | 1 | USA Built Machines **(SN 0300140000 through 0300161729)** | 3-B |
| 50 | 1001141137 | 1 | USA Built Machines **(SN 0300161730 through 0300182743)** | A |
| 50 | 4922749 | 1 | China Built Machines **(SN B300000100 through B300000639)** | 3-B |
| 50 | 1001141137 | 1 | China Built Machines **(SN B300000640 through B300001091)** | A |
| 50A | 4460880 | 7 | Connector, DIN | |
| 50B | 4460928 | 8 | Socket, Female | |
| 50B | 4460918 | 8 | Socket, Female | |
| 50B | 4460926 | 1 | Connector, Deutsch - 21 Position | |
| 50C | | Ref | Lock Wedge - 3 Position Options: | |
| 50C | 4460913 | 2 | USA Built Machines **(SN 0300140000 through 0300161729)** | |
| 50C | 4460913 | 2 | China Built Machines **(SN 300000100 through B300000639)** | |
| 50C | 4460910 | 2 | Connector, Female Deutsch - 3 Position | |
| 50C | 4460917 | 6 | Pin, Male | |
| 50C | 4460912 | 2 | USA Built Machines **(SN 0300161730 through 0300182743)** | |
| 50C | 4460912 | 2 | China Built Machines **(SN B300000640 through B300001091)** | |
| 50C | 4460911 | 2 | Connector, Female Deutsch - 3 Position | |
| 50C | 4460918 | 6 | Pin, Male | |
| 50D | 1560011 | 2 | Connector, Strain Relief | |
| 50D | 1560012 | 2 | Nut, Conduit | |
| 52 | | Ref | Harness, Platform Box Options (See Items 101-110 for Breakdown): | |
| 52 | 1001107796 | 1 | USA Built Machines **(SN 0300140000 through 0300161729)** | |
| 52 | 1001141136 | 1 | USA Built Machines **(SN 0300161730 through 0300182743)** | |
| 52 | 1001107796 | 1 | China Built Machines **(SN B300000100 through B300000639)** | |
| 52 | 1001141136 | 1 | China Built Machines **(SN B300000640 through B300001091)** | |
| | | Ref | **PLATFORM BOX HARNESS ASSEMBLY** | |
| | 1001107796 | Ref | **USA Built Machines (SN 0300140000 through 0300161729)** | D |
| | 1001141136 | Ref | **USA Built Machines (SN 0300161730 through 0300182743)** | A |
| | 1001107796 | Ref | **China Built Machines (SN B300000100 through B300000639)** | D |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141136 | Ref | **China Built Machines (SN B300000640 through B300001091)** | A |
| 101 | 4460866 | 1 | Connector - 19 Pin | |
| 101 | 4460929 | 10 | Pin, Male Deutsch 16 Ga | |
| 101 | 4460508 | 3 | Pin, Male Deutsch 12 Ga | |
| 102 | 4460874 | 1 | Connector - 35 Position (Natural) | |
| 102 | 4460871 | 23 | Socket, Female | |
| 103 | 4460876 | 1 | Connector - 35 Position (Blue) | |
| 103 | 4460871 | 23 | Socket, Female | |
| 104 | 4460873 | 1 | Connector - 35 Position (Black) | |
| 104 | 4460871 | 28 | Socket, Female | |
| 105 | 4460879 | 1 | Connector, Male 2 Position | |
| 105 | 4460887 | 2 | Terminal (12 Gauge) | |
| 106 | 4460418 | 7 | Connector, Female - 6 Position | |
| 106 | 4460419 | 21 | Socket, Female | |
| 107 | 4460225 | 4 | Connector - 6 Position | |
| 107 | 4460226 | 18 | Terminal (16 Gauge) | |
| 108 | 4460225 | 1 | Connector - 6 Position | |
| 108 | 4460227 | 5 | Pin, Male | |
| 109 | 4460434 | 2 | Connector - 15 Position | |
| 109 | 4460227 | AR | Pin, Male | |
| 110 | 4460925 | 1 | Connector - 21 Pin | |
| 110 | 4460929 | 8 | Pin, Male Deutsch 16 Ga | |
| 110 | 4460917 | 8 | Pin, Male Deutsch 12 Ga | |
| 111 | 4460266 | 1 | Connector - 9 Position (USA Built Machines) **(SN 0300161730 through 0300182743)** | |
| 111 | 4460266 | 1 | Connector - 9 Position (China Built Machines) **(SN B300000640 through B300001091)** | |
| 111 | 4460227 | 7 | Pin, Male | |
| | | Ref | **BOOM CABLES INSTALLATION** | |
| | | Ref | **Boom Cables Installation 800S** | |
| | 0271322 | Ref | **All Specs except Australian and CE Specs** | I |
| | 0271323 | Ref | **Australian and CE Specs Only** | I |
| | 0272388 | Ref | **All Specs except Australian and CE Specs with 7500W Generator and without Arctic Package** | G |
| | 1001117399 | Ref | **Australian and CE Specs Only with 7500W Generator and without Arctic Package** | B |
| | 1001091609 | Ref | **All Specs except Australian, CE and Japanese Specs without 7500W Generator and with Arctic Package** | C |
| | 1001091664 | Ref | **All Specs except Australian, CE and Japanese Specs with 7500W Generator and Arctic Package** | E |
| | | Ref | **Boom Cables Installation 860SJ** | |
| | 0271324 | Ref | **All Specs except Australian and CE Specs** | I |
| | 0271325 | Ref | **Australian and CE Specs Only** | K |
| | 0272389 | Ref | **All Specs except Australian and CE Specs with 7500W Generator and without Arctic Package** | F |
| | 1001117400 | Ref | **Australian and CE Specs Only with 7500W Generator and without Arctic Package** | B |
| | 0275586 | Ref | **All Specs except Australian, CE and Japanese Specs without 7500W Generator and with Arctic Package** | B |
| | 1001091665 | Ref | **All Specs except Australian, CE and Japanese Specs with 7500W Generator and Arctic Package** | E |
| 207 | 3573047 | 1 | Plate, Receptacle Mounting | |
| 208 | 4360506 | 1 | Proximity Switch and Harness Assembly | |
| 211 | 4460470 | 1 | Nut, Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 212 | 4460471 | 1 | Lockwasher, Terminal | |
| 213 | 4460866 | 1 | Connector - 19 Position | |
| 217 | | Ref | Harness Assembly - Main Boom (12/4 - 18/8) Options: | |
| 217 | 4922566 | 1 | Harness Assembly - Main Boom (12/4 -18/8) 800S | 2-B |
| 217 | 1001091618 | 1 | Harness Assembly - Main Boom (12/4 -18/8) 800S (With Arctic Package) | 1-A |
| 217 | 4922567 | 1 | Harness Assembly - Main Boom (12/4 -18/8) 860SJ | 3-C |
| 217 | 4923595 | 1 | Harness Assembly - Main Boom (12/4 -18/8) 860SJ (With Arctic Package) | 1-A |
| 217 | | Ref | Cable, Electrical - 12/4 & 18/8 Options: | |
| 217 | 1060896 | 85 ft/26m | Cable, Electrical - 12/4 & 18/8 800S | |
| 217 | 4923462 | 85 ft/26m | Cable, Electrical - 12/4 & 18/8 800S (With Arctic Package) | |
| 217 | 1060896 | 95 ft/29m | Cable, Electrical - 12/4 & 18/8 860SJ | |
| 217 | 4923462 | 95 ft/29m | Cable, Electrical - 12/4 & 18/8 860SJ (With Arctic Package) | |
| 217 | 2820031 | 4 in/9cm | Heat Shrink | |
| 217A | 4460465 | 11 | Socket, Female 18 Gauge | |
| 217B | 4460865 | 1 | Connector - 19 Position | |
| 217C | 4460509 | 4 | Socket, Female 12 Gauge | |
| 217D | 4460473 | 1 | Clamp, Cable | |
| 217E | 4460466 | 8 | Seal, Plug | |
| 217F | 4460464 | 11 | Pin, Male 18 Gauge | |
| 217G | 4460508 | 4 | Pin, Male 12 Gauge | |
| 218 | | Ref | Harness Assembly - Tower Boom (12/4 - 18/8) Options: | |
| 218 | 4922569 | 1 | Without Arctic Package | 1-A |
| 218 | 4923596 | 1 | With Arctic Package | 2-B |
| 218 | | Ref | Cable, Electrical - 12/4 & 18/8 Options: | |
| 218 | 1060896 | 20 ft/6.1m | Without Arctic Package | |
| 218 | 4923462 | 20 ft/6.1m | With Arctic Package | |
| 218A | 4460465 | 22 | Socket, Female 18 Gauge | |
| 218B | 4460865 | 2 | Connector - 19 Position | |
| 218C | 4460509 | 8 | Socket, Female 12 Gauge | |
| 218D | 4460473 | 2 | Clamp, Cable | |
| 218E | 4460466 | 8 | Seal, Plug | |
| 229 | | Ref | Holding Valve/Lift Dump Harness Assembly Options: (Note: This is actually two separate harnesses under the same p/n) | |
| 229 | 4922660 | 1 | Without Arctic Package | E |
| 229 | 4923597 | 1 | With Arctic Package | 1-A |
| 229A | 4460880 | 2 | Connector, DIN | |
| 229B | 4460320 | 1 | Plug, Male - 2 Position | |
| 229B | 4460226 | 2 | Socket, Female | |
| 229C | 4460424 | 1 | Connector, Female - 2 Position | |
| 229C | 4460267 | 2 | Pin, Male | |
| 231 | | Ref | Harness, 110V A/C (To Bulkhead) Options : | |
| 231 | | Ref | Harness, 110V A/C (To Bulkhead) 800S: | |
| 231 | 4922873 | 1 | All Specs except Australian and CE Specs | |
| 231 | 4922875 | 1 | Australian and CE Specs Only | |
| 231 | 4922790 | NLA | All Specs except Australian and CE Specs (Harness, 8/5 Cable - with 7500W Generator) (Use p/n 1001121670) | |
| 231 | 1001091620 | 1 | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with Arctic Package) | |
| 231 | 4922790 | NLA | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with 7500W Generator and Arctic Package) (Use p/n 1001121670) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 231 | | Ref | Harness, 110V A/C (To Bulkhead) 860SJ: | |
| 231 | 4922877 | 1 | All Specs except Australian and CE Specs | |
| 231 | 4922878 | 1 | Australian and CE Specs Only | |
| 231 | 4922808 | NLA | All Specs (Harness, 8/5 Cable - with 7500W Generator) (Use p/n 1001121671) | |
| 231 | 4923600 | 1 | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with Arctic Package) | |
| 231 | 4922808 | NLA | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with 7500W Generator and Arctic Package) (Use p/n 1001121671) | |
| 232 | | Ref | Harness, 110V A/C (To Generator Box) Options: | |
| 232 | 4922874 | 1 | All Specs except Australian and CE Specs | |
| 232 | 4922876 | 1 | Australian and CE Specs Only | |
| 232 | 4922809 | NLA | All Specs (Harness, 8/5 Cable - With 7500W Generator) (Use p/n 1001121669) | |
| 232 | 4923601 | 1 | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with Arctic Package) | |
| 232 | 4922809 | NLA | All Specs except Australian, CE and Japanese Specs (Harness, 8/5 Cable - with 7500W Generator and Arctic Package) (Use p/n 1001121669) | |
| 233 | | Ref | Harness, Limit Switch Lower Options (To Boom Transport Length Limit Switch): | |
| 233 | 4922872 | 1 | Without Arctic Package | |
| 233 | 4923599 | 1 | With Arctic Package | |
| 233 | | Ref | Cable, Electrical - 18/2 Options: | |
| 233 | 1060902 | 20 ft/6m | Without Arctic Package | |
| 233 | 4923466 | 20 ft/6m | With Arctic Package | |
| 233 | 4460465 | 2 | Socket, Female | |
| 233 | 4460891 | 1 | Plug, Male - 2 Position | |
| 234 | | Ref | Harness, Limit Switch Upper Options (To Boom Transport Length Limit Switch): | |
| 234 | 4922871 | 1 | Without Arctic Package | |
| 234 | 4923598 | 1 | With Arctic Package | |
| 234 | | Ref | Cable, Electrical - 18/2 Options: | |
| 234 | 1060902 | 34 ft /10.4m | Without Arctic Package | |
| 234 | 4923466 | 34 ft /10.4m | With Arctic Package | |
| 234 | 4460464 | 2 | Pin, Male | |
| 234 | 4460897 | 1 | Receptacle, Female - 2 Position | |
| 235 | | Ref | Cable, Electrical - 18/2 | |
| 235 | 1061018 | AR | Cable, Electrical - 18/2 800S | |
| 235 | | Ref | All Specs except Australian and CE Specs | |
| 235 | | Ref | Australian and CE Specs Only | |
| 235 | | Ref | All Specs with 7500W Generator | |
| 235 | 1061019 | AR | 860SJ | |
| 235 | | Ref | All Specs except Australian and CE Specs | |
| 235 | | Ref | Australian and CE Specs Only | |
| 235 | | Ref | All Specs with 7500W Generator | |
| 236 | | Ref | Harness, Limit Switch Lower Options (To Boom Capacity Length Switch) (All Specs except Australian and CE Specs): | |
| 236 | 1001098908 | 1 | Without Arctic Package | |
| 236 | 1001098910 | 1 | With Arctic Package | |
| 236 | | Ref | Cable, Electrical - 18/2 Options: | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 236 | 1060902 | 20 ft/6m | Standard and SkyWelder | |
| 236 | 4923466 | 20 ft/6m | With Arctic Package | |
| 236 | 4460464 | 2 | Pin, Male | |
| 236 | 4460897 | 1 | Plug, Male - 2 Position | |
| 237 | | Ref | Harness, Limit Switch Upper Options (To Boom Capacity Length Switch) (All Specs except Australian and CE Specs): | |
| 237 | 1001098909 | 1 | Without Arctic Package | |
| 237 | 1001098911 | 1 | With Arctic Package | |
| 237 | | Ref | Cable, Electrical - 18/2 Options: | |
| 237 | 1060902 | 34 ft /10.4m | Standard and SkyWelder | |
| 237 | 4923466 | 34 ft /10.4m | With Arctic Package | |
| 237 | 4460465 | 2 | Socket, Female | |
| 237 | 4460891 | 1 | Plug, Male - 2 Position | |
| 238 | 4460959 | 1 | Terminal, Turnlock Plug (With 7500W Generator) | |
| 238 | 1671092 | 1 | Cover, Female Connector | |
| 239 | 4460960 | 1 | Terminal, Turnlock Connector (With 7500W Generator) | |
| 239 | 1671093 | 1 | Cover, Male Connector | |
| | | Ref | **GROUND CONTROL BOX COMPONENTS** | |
| 301 | 0100048 | AR | Grease, Dielectric | |
| 325 | 4460426 | 1 | Connector, Strain Relief | |
| 326 | 4460470 | 1 | Nut, Terminal | |
| 327 | 4460471 | 1 | Locknut, Terminal | |
| 329 | 4460526 | 1 | Connector, Strain Relief | |
| 334 | 4922594 | 1 | Valve Harness Assembly | 7-K |
| 334A | 4460880 | 7 | DIN Connector | |
| 334B | 4460320 | 2 | Plug, Male - 2 Position | |
| 334B | 4460267 | 4 | Pin, Male | |
| 334D | 4460834 | 1 | Connector, Female - 2 Position | |
| 334D | 4460842 | 2 | Terminal, Female | |
| 334E | 4460871 | 22 | Socket, Female | |
| 334F | 4460225 | 1 | Plug, Male - 6 Position | |
| 334F | 4460267 | 6 | Pin, Male | |
| 334G | 4460424 | 1 | Connector, Female - 2 Position | |
| 334G | 4460267 | 2 | Pin, Male | |
| 334H | 4460226 | 1 | Socket, Female | |
| 335 | | Ref | Engine Harness Assembly (See Items 401-462 for Breakdown) | |
| 335 | 1001110341 | 1 | Caterpillar Engine Machines | |
| 335 | 1001110340 | 1 | Deutz Engine Machines | |
| 335 | 1001110338 | 1 | GM Engine Machines | |
| 336 | 1001110339 | 1 | Ground Control Box Harness Assembly | B |
| 336A | 4460536 | 1 | Connector, Female 3- Position | |
| 336A | 4460943 | 3 | Pin, Male | |
| 336B | 3990010 | 2 | Diode - 6Amp (Not Shown - Located at Power Down Relay) | |
| 336C | 4460434 | 2 | Plug, Male - 15 Position | |
| 336C | 4460227 | 21 | Pin, Male | |
| 336D | 4460873 | 1 | Connector - 35 Position (Black) | |
| 336D | 4460871 | 19 | Socket, Female | |
| 336D | 4460905 | 1 | Seal, Plug | |
| 336E | 4120035 | 6 | Base, Light | |
| 336E | 4460634 | 7 | Terminal (16 Gauge) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 336E | 4460635 | 5 | Terminal (12 Gauge) | |
| 336F | 4460418 | 7 | Connector, Female - 6 Position | |
| 336F | 4460419 | 21 | Socket, Female | |
| 336G | 4460876 | 1 | Connector - 35 Position (Blue) | |
| 336G | 4460871 | 24 | Socket, Female | |
| 336G | 4460905 | 1 | Seal, Plug | |
| 336H | 4460866 | 1 | Connector - 19 Pin | |
| 336H | 4460464 | 10 | Pin, Male Deutsch 16 Ga | |
| 336H | 4460508 | 3 | Pin, Male Deutsch 12 Ga | |
| 336J | 4460878 | 1 | Housing, Terminal - 4 Position | |
| 336J | 4460887 | 3 | Terminal (12 Gauge) | |
| 336K | 4460761 | 1 | Connector, Female 4 - Position | |
| 336K | 4460227 | 4 | Pin, Male | |
| 336L | 8229242 | 2 | Fuse 5Amp | |
| 336L | 2400060 | 2 | Holder, Fuse | |
| 336M | 1001106339 | 1 | Connector, Male - 14 Position | |
| 336M | 4460871 | 2 | Socket, Female | |
| 336N | 1001106340 | 1 | Connector, Male - 14 Position | |
| 336N | 4460871 | 5 | Socket, Female | |
| 336P | 4460874 | 1 | Connector, Natural | |
| 336P | 4460871 | 10 | Socket, Female | |
| 336Q | 4460875 | 1 | Connector, Gray | |
| 336Q | 4460871 | 5 | Socket, Female | |
| 336R | 1001112612 | 1 | Connector - 9 Position | |
| 336R | 4460943 | 4 | Pin, Male | |
| 337 | | Ref | Ground Control Box Wiring Diagram (Not Shown - See Items 501-513 for Breakdown) | |
| 337 | 1001110344 | 1 | Caterpillar Engine Machines | |
| 337 | 1001110343 | 1 | Deutz Engine Machines | |
| 337 | 1001110342 | 1 | GM Engine Machines | |
| 338 | 4460496 | 1 | Lockwasher, Terminal | |
| 339 | 4460497 | 1 | Nut, Terminal | |
| 341 | 1001106736 | 1 | Cap, Dust | |
| | | Ref | **ENGINE HARNESS ASSEMBLY** | |
| | 1001110341 | Ref | **Caterpillar Engine** | B |
| | 1001110340 | Ref | **Deutz Engine** | A |
| | 1001110338 | Ref | **GM Engine** | A |
| 417 | 4460424 | 1 | Receptacle, Female - 2 Position | |
| 417 | 4460268 | 2 | Socket, Female | |
| 418 | 4460424 | 1 | Receptacle, Female - 2 Position | |
| 418 | 4460226 | 2 | Socket, Female | |
| 419 | 4460880 | 2 | DIN Connector without Diode | |
| 423 | 4461070 | 1 | Receptacle, Female with Resistor (3 Position) (Deutz Engine Only) | |
| 423 | 4461095 | 1 | Plug, Male - 3 Position (Deutz Engine Only) | |
| 423 | 4460944 | 3 | Socket, Female (Deutz Engine Only) | |
| 428 | 4460460 | 1 | Connector, Male - 4 Position | |
| 428 | 4460457 | 4 | Terminal, Female | |
| 428 | 4460458 | 4 | Seal, Terminal | |
| 431 | 4460539 | 1 | Plug, Male - 3 Position | |
| 431 | 4460944 | 3 | Socket, Female | |
| 433 | 4461052 | 1 | Connector, Receptacle - 25 Position (Deutz Engine Only) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 433 | 4461005 | 5 | Terminal (Gold) (Deutz Engine Only) | |
| 433 | 4461006 | 5 | Seal, Terminal (Deutz Engine Only) | |
| 433 | 4461060 | 2 | Terminal (Tin) (Deutz Engine Only) | |
| 433 | 4461054 | 2 | Seal, Terminal (Deutz Engine Only) | |
| 433 | 4461053 | 1 | Cover, Plug (Deutz Engine Only) | |
| 433 | 4461008 | 18 | Plug, Hole (Deutz Engine Only) | |
| 438 | 4460891 | 2 | Connector, Male - 2 Position (Caterpillar Engine Only) | |
| 438 | 4460465 | 7 | Socket, Female | |
| 439 | 4460871 | AR | Socket, Female | |
| 440 | 4460464 | 1 | Pin, Male | |
| 441 | 4460887 | 1 | Terminal, Molex | |
| 446 | 4461157 | 1 | Receptacle, Female - 2 Position | |
| 446 | 4460979 | 2 | Pin, Male | |
| 446 | 4460458 | 2 | Seal, Terminal | |
| 447 | 4461121 | 1 | Plug, Male - 4 Position (GM Engine Only) | |
| 447 | 4461122 | 4 | Socket, Female (GM Engine Only) | |
| 447 | 4461123 | 4 | Seal, Terminal (GM Engine Only) | |
| 449 | 4461124 | 1 | Receptacle, Female - 4 Position (GM Engine Only) | |
| 449 | 4460693 | 4 | Pin, Male (GM Engine Only) | |
| 449 | 4460608 | 4 | Seal, Terminal (GM Engine Only) | |
| 449 | 4461161 | 1 | Lock, Terminal (GM Engine Only) | |
| 450 | 4460899 | 1 | Connector - 6 Position (Caterpillar Engines Only) | |
| 450 | 4460464 | 5 | Pin, Male (Caterpillar Engines Only) | |
| 450 | 4460466 | 1 | Seal, Plug (Caterpillar Engines Only) | |
| 452 | 4460374 | 1 | Plug, Sealed Relay (Deutz Engine) | |
| 452 | 4460375 | 4 | Terminal (Deutz Engine) | |
| 453 | 4461109 | 1 | Plug, Male - 16 Position (GM Engine Only) | |
| 453 | 4461111 | 7 | Pin, Male (GM Engine Only) | |
| 453 | 4461113 | 7 | Seal, Terminal (GM Engine Only) | |
| 453 | 4461222 | 9 | Plug, Terminal (GM Engine Only) | |
| 458 | 1001102290 | 1 | Connector, 2 Position (Deutz Engine) | |
| 458 | 1001102304 | 2 | Seal (Deutz Engine) | |
| 458 | 1001102291 | 2 | Terminal, Receptacle (Deutz Engine) | |
| 462 | 2902443 | 1 | Kit, Receptacle (Deutz Engine Only) | |
| 462 | 4461071 | 8 | Terminal, Female (Gold) (Deutz Engine Only) | |
| 462 | 4461072 | 1 | Connector, Flange Mount (Deutz Engine Only) | |
| 462 | 4461073 | 1 | Connector, Dust Cap (Deutz Engine Only) | |
| 462 | 4461074 | 1 | Connector, Shell (Deutz Engine Only) | |
| | | Ref | **GROUND CONTROL BOX WIRING DIAGRAM** | |
| | 1001110344 | Ref | **Caterpillar Engine** | C |
| | 1001110343 | Ref | **Deutz Engine** | C |
| | 1001110342 | Ref | **GM Engine** | A |
| 501 | 2920129 | AR | Bulb, Light | |
| 502 | 4922636 | 1 | Harness, Jumper | |
| 502 | 4460226 | 2 | Socket, Female | |
| 507 | 2400065 | 1 | Fuse, 30Amp | |
| 508 | 2400066 | 1 | Fuse, Holder | |
| 509 | 4460708 | 2 | Receptacle, Female - 15 Position | |
| 509 | 4460226 | 13 | Socket, Female | |
| 511 | 4922771 | 1 | Harness, Angle Sensor (Boom Proximity Sensor) | |
| 511 | 1060902 | 9.5 ft /2.9m | Cable - 18/2 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 511A | 4460226 | 2 | Socket, Female | |
| 511B | 4460424 | 1 | Receptacle, Female - 2 Position | |
| 513 | 4460894 | 1 | Plug, Male - 6 Position | |
| 513 | 4460892 | 1 | Connector, Bussbar - 6 Position | |
| | | Ref | **STANDARD HARNESS COMPONENTS** | |
| 601 | | Ref | Battery Cable Kit Options: | |
| 601 | 1001112762 | 1 | Caterpillar Engines Machines | B |
| 601 | 2902401 | 1 | Deutz Engines Machines | C |
| 601 | 2902533 | 1 | GM Engine Machines | C |
| 601A | | Ref | Cable, Battery (Red) Options: | |
| 601A | 7027028 | 1 | Caterpillar Engines Machines (Battery to Glow Plug Relay to Aux Relay to Starter) | |
| 601A | 7027027 | 1 | Deutz Engines Machines (Battery to Start Relay to Aux Relay to Glow Plug Relay to Starter) | |
| 601A | 7027015 | 1 | GM Engine Machines (Battery to Aux Relay to Starter) | |
| 601B | | Ref | Cable, Battery (Black) Options: | |
| 601B | 7027029 | 1 | Caterpillar Engines Machines | |
| 601B | 7027004 | 1 | Deutz Engines Machines | |
| 601B | 7027018 | 1 | GM Engine Machines | |
| 601C | | Ref | Cable (Red) Options: | |
| 601C | 7027030 | 1 | Caterpillar Engines Machines | |
| 601C | 7016824 | 1 | Deutz and GM Engines Machines | |
| 601D | | Ref | Cable, Battery (Red) Options: | |
| 601D | Not Required | 0 | Caterpillar and Deutz Engines Machines | |
| 601D | 7027017 | 1 | GM Engine Machines | |
| 601E | | Ref | Cable (Black) Options: | |
| 601E | 7027031 | 1 | Caterpillar Engines Machines | |
| 601E | 7016825 | 1 | Deutz and GM Engine Machines | |
| 602 | See Note | AR | Deutz Engine Harness Components (Deutz Engine Machines Only) (Note: Not Available at Time of Printing) | |
| 602A | 7027796 | 1 | Deutz Engine Harness | |
| 602B | See Note | 1 | Receptacle, Female - 25 Position (Note: Not Available - Purchase Complete Harness) | |
| 602C | 7027793 | 1 | Plug-In, Connector | |
| 602D | 70001872 | 1 | Deutz Tier III Engine Harness (For other replacement parts refer to Deutz engine dealer) | |
| 603 | See Note | 1 | Fuel Pump Harness (Caterpillar Engines Only) (Note: Not Available for Purchase) | |
| 603 | 4460897 | 1 | Receptacle, Female - 2 Position (Caterpillar Engines Only) | |
| 603 | 4460464 | 2 | Pin, Male (Caterpillar Engines Only) | |
| 604 | 1001112071 | 1 | Caterpillar Engine Harness Components (Caterpillar Engine Machines Only) | B |
| 604 | 70004318 | 1 | Fuse 5Amp (at Fuse Box F1) | |
| 604 | 70004319 | 3 | Fuse 10Amp (at Fuse Box F2, F3 & F4) | |
| 604 | 70004316 | 1 | Relay, Starter (at Fuse Box) | |
| 604 | 70004317 | 2 | Relay, Shut-Off and Glow Plug Control 25Amp (At Fuse Box) | |
| 604A | 4460894 | 1 | Plug, Male - 6 Position | |
| 604A | 4460465 | 5 | Socket, Female | |
| 604A | 4460466 | 1 | Seal, Plug | |
| 604B | 4460891 | 1 | Plug, Male - 2 Position | |
| 604B | 4460465 | 2 | Socket, Female | |
| 604C | 4460891 | 1 | Plug, Male - 2 Position | |
| 604C | 4460465 | 2 | Socket, Female | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 604D | 70020808 | 1 | Plug, Male - 23 Position | |
| 604D | 70020809 | 16 | Socket, Female | |
| 604E | See Note | 1 | Connector - 8 Position (Note: Not Available for Purchase) | |
| 604F | See Note | 1 | Connector - 5 Position (Note: Not Available for Purchase) | |
| 605 | See Note | 1 | Pump Harness (Note: Not Available for Purchase) | |
| 605A | 7007497 | 1 | Plug (Pump End) | |
| 605B | 7007498 | 1 | Plug (Engine Harness End) | |
| 606 | See Note | 1 | Controller Harness Assembly (Lift and Swing) (Note: Not Available for Purchase) | |
| 606A | 7022819 | 1 | Plug, Male - 8 Position (Natural) | |
| 606A | 4460871 | 8 | Socket, Female | |
| 607 | See Note | 1 | Controller Harness/Circuit Board Assembly (Drive and Steer) (Note: Not Available for Purchase) | |
| 607A | 7022825 | 1 | Plug, Male - 8 Position (Black) | |
| 607A | 4460871 | 7 | Socket, Female | |
| 608 | See Note | 1 | Controller Harness (Speed Control) (Note: Not Available for Purchase) | |
| 608A | 4460224 | 1 | Receptacle, Female - 6 Position | |
| 608A | 4460226 | 6 | Socket, Female | |
| 609 | 4923379 | 1 | Harness, Glowplug | |
| 610 | 7027991 | AR | GM Engine Harness Components (GM Engine Machines Only) | |
| 611 | | Ref | Switch, Tilt Sensor Options: (Includes Tilt Sensor) | |
| 611 | 4360544 | NLA | USA Built Machines (Use p/n 1001135114) **(SN 0300140000 through 0300161729 only)** | |
| 611 | 4360544 | NLA | China Built Machines (Use p/n 1001135114) **(SN B300000100 through B300000639 only)** | |
| 611 | 4460911 | 2 | Plug, Male Deutsch - 3 Position | |
| 611 | 4460918 | 6 | Socket, Female | |
| 611 | 4460912 | 2 | Lock, Wedge | |
| 611 | 1001133329 | 2 | USA Built Machines **(SN 0300161730 through 0300182743 Only)** | |
| 611 | 1001133329 | 2 | China Built Machines **(SN B300000640 through B300001091)** | |
| 611 | 4460910 | 2 | Plug, Male Deutsch - 3 Position | |
| 611 | 4460917 | 6 | Socket, Female | |
| 611 | 4460913 | 2 | Lock, Wedge | |
| 612 | 4360517 | 1 | Harness, Boom Proximity Sensor (Includes Sensor) | |
| 612A | 4460320 | 1 | Plug, Male - 2 Position | |
| 612A | 4460227 | 2 | Pin, Male | |
| 613 | 4360517 | 1 | Harness, Swivel Coupling Sensor (Includes Sensor) | |
| 613A | 4460320 | 1 | Plug, Male - 2 Position | |
| 613A | 4460227 | 2 | Pin, Male | |
| 614 | 1060904 | 1 | Cable, Battery (Deutz Engine Machines Only) (USA Built Machines) **(SN 0300140000 through 0300140567 Only)** | |
| | | Ref | **OPTIONAL HARNESS COMPONENTS** | |
| 703 | 0257887 | 1 | Alarm Harness (Includes Alarm) | |
| 703 | 0140032 | 1 | Alarm | |
| 703 | 2820035 | 6 in/15cm | Loom | |
| 703A | 4460424 | 1 | Plug, Male - 2 Position | |
| 703A | 4460268 | 2 | Socket, Female | |
| 704 | | Ref | Strobe Light Harness (Includes Strobe Light) Options: | |
| 704 | 0272507 | 1 | USA Built Machines **(SN 0300140000 through 0300171627)** | |
| 704 | 2920161 | 1 | USA Built Machines **(SN 0300171628 through 0300182743)** | |
| 704 | 2920161 | 1 | China Built Machines **(SN B300000100 through B300001091)** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 704A | 4460320 | 1 | Connector, Female - 2 Position (Strobe Light - 0272507) | |
| 704A | 4460267 | 2 | Pin, Male (Strobe Light - 0272507) | |
| 704B | 4460891 | 1 | Connector, Male - 2 Position (Strobe Light - 2920161) | |
| 704B | 4460465 | 2 | Socket, Female (Strobe Light - 2920161) | |
| 705 | See Note | 1 | Headlight and Taillight/Chassis Illumination Harness (Note: Not Available for Purchase) | |
| 705 | 1060341 | AR | Cable, Electrical 16/2 Options: | |
| 705 | 1060341 | 37 ft /11.3m | Headlights and Taillights | |
| 705 | 1060341 | 40 ft /12.2m | Chassis Illumination Lights | |
| 705A | 3740049 | 1 | Relay | |
| 705A | 4460259 | 3 | Terminal | |
| 705A | 4460260 | 4 | Housing, Terminal | |
| 705A | 4460297 | 1 | Terminal | |
| 705A | 4922643 | 1 | Lights Harness for Ground Control Box | 1-A |
| 705A | 4460226 | 2 | Socket, Female | |
| 706 | | Ref | 2500W Generator Electrical Components | |
| 706 | 1001112588 | AR | ANSI Specs - Caterpillar/Deutz Engines Only | A |
| 706 | 1001112743 | AR | ANSI Export Specs - Caterpillar/Deutz Engines Only | B |
| 706 | 4933350 | AR | ANSI Specs - GM Engines Only | B |
| 706A | 4460321 | 1 | Connector, Male - 4 Position (ANSI Spec Only) | |
| 706A | 4460906 | 4 | Socket, Female | |
| 706B | 4922641 | 1 | Harness - On/Off Switch | |
| 706C | 4460226 | 2 | Socket, Female | |
| 706D | | Ref | Powermite Control Box to Relay Options: | |
| 706D | 1001112589 | 1 | Caterpillar and Deutz Engines | |
| 706D | 4923445 | 1 | GM Engines | |
| 706D | 4460374 | 1 | Plug, Sealed Relay | |
| 706D | 4460375 | 3 | Terminal | |
| 706D | 4460742 | 1 | Plug, Male - 2 Position | |
| 706D | 4460743 | 1 | Socket, Female | |
| 706D | 4460458 | 1 | Seal, Terminal | |
| 706E | 4460961 | 1 | Connector, Female - 4 Position (ANSI Spec Only) | |
| 706E | 4460705 | 4 | Pin, Male | |
| 706F | 4460742 | 1 | Plug, Male - 2 Position (GM Engine Only) | |
| 706F | 4460743 | 2 | Socket, Female (GM Engine Only) | |
| 706F | 4460458 | 2 | Seal, Terminal (GM Engine Only) | |
| 706G | 7020193 | 1 | Harness, Generator Power | |
| 707 | 4922741 | 1 | Generator to Rear of Boom Harness | |
| | | Ref | **Note: Harness used to connect AC at platform harness to Powermite Generator Control Box receptacle.** | |
| 707 | 1060708 | 6 ft/1.8m | Cable, Electrical - 10/3 | |
| 707A | 4460205 | 1 | Plug, Male | |
| 707B | 4460134 | 1 | Receptacle, Female | |
| 708 | | Ref | AC to Platform Receptacle Components Options: | |
| 708 | 0272259 | Ref | 110V GFI Receptacle (ANSI Spec) | B |
| 708 | 0272260 | Ref | 220V GFI Receptacle (ANSI Spec) | B |
| 708 | 0256202 | Ref | Australian Spec | C |
| 708 | | Ref | CE Spec Options without Powermite Generator: | |
| 708 | 0256202 | Ref | 110/220V Receptacle (Locally Supplied Box and Receptacle) | B |
| 708 | 1001091969 | Ref | 110V with IEC Yellow Receptacle and Plug and Circuit Breaker | B |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 708 | 1001091970 | Ref | 220V with IEC Blue Receptacle and Plug and Circuit Breaker | B |
| 708 | 1001091971 | Ref | 220V with CEE7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) | B |
| 708 | 1001091972 | Ref | 220V with CEE7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) | B |
| 708 | 1001091973 | Ref | 220V with CEE7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | C |
| 708 | 1001091974 | Ref | 220V with CEE7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | C |
| 708 | 1001091975 | Ref | 220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | C |
| 708 | | Ref | CE Spec Options with Powermite Generator: | |
| 708 | 1001100326 | Ref | 110V with IEC Yellow Receptacle and Plug and Circuit Breaker | B |
| 708 | 1001100327 | Ref | 220V with IEC Blue Receptacle and Plug and Circuit Breaker | B |
| 708 | 1001100328 | Ref | 220V with CEE7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) | B |
| 708 | 1001100329 | Ref | 220V with CEE7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) | B |
| 708 | 1001100331 | Ref | 220V with CEE7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | B |
| 708 | 1001100333 | Ref | 220V with CEE7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | B |
| 708 | 1001100337 | Ref | 220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box) | B |
| 708A | | Ref | Box, Switch Options: | |
| 708A | 0860038 | 1 | 0272259 & 0272260 Installations | |
| 708A | Not Required | 0 | 0256202 Installation | |
| 708A | 0861781 | 1 | 1001091969, 1001091970, 1001100326, 1001100327 Installations | |
| 708A | See Note | 1 | 1001091971, 1001100328, 1001091972, 1001100329 Installations (Note: Was p/n 0861782 which is no longer available. Use p/n 1001141970 CEE7 Side Ground Service Kit or p/n 1001141971 CEE7 Post Ground Service Kit. Kits includes Box p/n 1001141967 and items 708B, 708C, 708E & 708J) | |
| 708A | 0861731 | 1 | 1001091969, 1001091970, 1001100326, 1001100327 Installations | |
| 708A | 1001141967 | 1 | 1001100343, 1001100344, 1001141970 & 1001141971 Kits | |
| 708B | | Ref | Receptacle Options: | |
| 708B | 4460346 | 1 | 0272259 Installation | |
| 708B | 4460125 | 1 | 0272260 Installation | |
| 708B | Not Required | 0 | 0256202 Installation | |
| 708B | 4461198 | 1 | 1001091969, 1001100326 Installations | |
| 708B | 4461201 | 1 | 1001091970, 1001100327 Installations | |
| 708B | 4461204 | NLA | 1001091971, 1001100328 Installations (Use p/n 100110343) | |
| 708B | 4461207 | NLA | 1001091972, 1001100329 Installations (Use p/n 100110344) | |
| 708B | 4461244 | 1 | 1001091973, 1001100331 Installations | |
| 708B | 4461245 | 1 | 1001091974, 1001100333 Installations | |
| 708B | 4461246 | 1 | 1001091975, 1001100337 Installations | |
| 708B | 1001141968 | 1 | 1001100343 & 1001141971 Kits | |
| 708B | 1001141969 | 1 | 1001100344 & 1001141970 Kits | |
| 708C | | Ref | Shield, Cover Options: | |
| 708C | 1001110873 | 1 | 0272259 Installation | |
| 708C | 4060092 | 1 | 0272260 Installation | |
| 708C | Not Required | 0 | 0256202 Installation (Purchase Locally) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 708C | Purchase Receptacle | 1 | 1001091973, 1001091974, 1001091975, 1001091969, 1001091970, 1001091971, 1001091972, 1001100331, 1001100333, 1001100337, 1001100326, 1001100327, 1001100328 & 1001100329 Installations | |
| 708C | 3960422 | 1 | Gasket, Cover (0272259 & 0272260 Installations Only) | |
| 708D | | Ref | Connector, Strain Relief Options: | |
| 708D | 4460051 | 1 | 0272259 & 0272260 Installations | |
| 708D | Not Required | 0 | 0256202 Installation | |
| 708D | 1001101191 | 1 | 1001091969, 1001100326, 1001091970, 1001100327 1001091971, 1001100328, 1001091972, 1001100329, 1001091973, 1001100331, 1001091974, 1001100333, 1001091975 & 1001100337 Installations | |
| 708E | | Ref | Plug, Male Options: | |
| 708E | 4460205 | 1 | 0272259 Installation | |
| 708E | 4460233 | 1 | 0272260 Installation | |
| 708E | Not Required | 0 | 0256202 Installation | |
| 708E | 4461196 | 1 | 1001091969 Installation | |
| 708E | 4461199 | 1 | 1001091970 Installation | |
| 708E | 4461202 | 1 | 1001091971, 1001091973 Installations and 1001100343 & 1001141971 Kits | |
| 708E | 4461205 | 1 | 1001091972, 1001091974 Installations and 1001100344 & 1001141970 Kits | |
| 708E | 4461249 | 1 | 1001091975 Installation | |
| 708E | Not Required | 0 | 1001100326, 1001100327, 1001100328, 1001100329, 1001100331, 1001100333 & 1001100337 Installations | |
| 708F | | Ref | Plug, Male Options: | |
| 708F | 4460205 | 1 | 110V GFI (ANSI Spec) | |
| 708F | 4460233 | 1 | 220V GFI (ANSI Spec) | |
| 708F | 4460709 | 1 | ANSI Export, Australian and CE Specs | |
| 708G | | Ref | Connector, Female Options: | |
| 708G | 4460134 | 1 | 110V GFI (ANSI Spec) | |
| 708G | 4460701 | 1 | 220V GFI (ANSI Spec) | |
| 708G | 4460710 | 1 | ANSI Export, Australian and CE Specs | |
| 708H | | Ref | Connector, Adapter Options: | |
| 708H | Not Required | 0 | 0272259 & 0272260 Installations | |
| 708H | Not Required | 0 | 0256202 Installation | |
| 708H | 1001101196 | 1 | 1001091969, 1001100326, 1001091970, 1001100327, 1001091971, 1001100328, 1001091972, 1001100329 Installations | |
| 708H | 1001101197 | 1 | 1001091973, 1001100331, 1001091974, 1001091975 & 1001100337 Installations | |
| 708J | | Ref | Receptacle, Female Options (CE Specs with Powermite Generator Control Box Only): | |
| 708J | 4461197 | 1 | 1001100326 Installation | |
| 708J | 4461200 | 1 | 1001100327 Installation | |
| 708J | 4461203 | 1 | 1001100328 & 1001100331 Installations and 1001100343 & 1001141971 Kits | |
| 708J | 4461206 | 1 | 1001100329 & 1001100333 Installations and 1001100344 & 1001141970 Kits | |
| 708J | 4461250 | 1 | 1001100337 Installation | |
| 708K | | Ref | Receptacle Box Kit Options (CE Specs Only): | 1 |
| 708K | | Ref | **Without Powermite Generator (Includes Items 708A, 708B, 708C & 708E):** | |
| 708K | 0275216 | 1 | Kit for 110V IEC Yellow (1001091969 Installation) | 1 |
| 708K | 0275217 | 1 | Kit for 220V IEC Blue (1001091970 Installation) | 1 |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 708K | 0275218 | NLA | Kit for 220V CEE7 Post Ground (1001091971 Installation) (Use p/n 1001100343) | B-B |
| 708K | 0275219 | NLA | Kit for 220V CEE7 Side Ground (1001091972 Installation) (Use p/n 1001100344) | B-B |
| 708K | 0275452 | 1 | Kit for 220V CEE7 Post Ground (1001091973 Installation) | 1 |
| 708K | 0275453 | 1 | Kit for 220V CEE7 Side Ground (1001091974 Installation) | 1 |
| 708K | 0275454 | 1 | Kit for 220V AFSINT 107 Keyed Ground (1001091975 Installation) | 1 |
| 708K | | Ref | **With Powermite Generator (Includes Items 708A, 708B, 708C, 708E & 708J):** | |
| 708K | 1001100341 | 1 | Kit for 110V IEC Yellow (1001100326 Installation) | 2 |
| 708K | 1001100342 | 1 | Kit for 220V IEC Blue (1001100327 Installation) | 2 |
| 708K | 1001091971 | NLA | Kit for 220V CEE7 Post Ground (1001100328 Installation) (Use p/n 1001100343 Kit) | B |
| 708K | 1001091970 | NLA | Kit for 220V CEE7 Side Ground (1001100329 Installation) (Use p/n 1001100344 Kit) | B |
| 708K | 1001100345 | 1 | Kit for 220V CEE7 Post Ground (1001100331 Installation) | 2 |
| 708K | 1001100347 | 1 | Kit for 220V CEE7 Side Ground (1001100333 Installation) | 2 |
| 708K | 1001100346 | 1 | Kit for 220V AFSINT 107 Keyed Ground (1001100337 Installation) | 2 |
| 708L | | Ref | Cover, Connector Options (ANSI Export, Australian and CE Specs): | |
| 708L | 1671092 | 2 | USA Built Machines **(SN 0300167882 through 0300175276)** | |
| 708L | 1671092 | 2 | China Built Machines **(SN B300000724 through B300000808)** | |
| 708L | 1001156351 | 2 | USA Built Machines **(SN 0300175277 through 0300182743)** | |
| 708L | 1001156351 | 2 | China Built Machines **(SN B300000809 to Present)** | |
| 708M | | Ref | Cover, Plug Options (ANSI Export, Australian and CE Specs): | |
| 708M | 1671093 | 1 | USA Built Machines **(SN 0300167882 through 0300175276)** | |
| 708M | 1671093 | 1 | China Built Machines **(SN B300000100 through B300000808)** | |
| 708M | 1001156352 | 1 | USA Built Machines **(SN 0300175277 through 0300182743)** | |
| 708M | 1001156352 | 1 | China Built Machines **(SN B300000809 to Present)** | |
| 709 | | Ref | 7500W SkyPower Generator Installation | |
| 709 | 1001115398 | Ref | 60Hz and Caterpillar Engine | C |
| 709 | 1001115400 | Ref | 50Hz Spec and Caterpillar Engine | C |
| 709 | 1001115388 | Ref | 60Hz and Deutz Engine | B |
| 709 | 1001115394 | Ref | 50Hz Spec and Deutz Engine | B |
| 709 | 0275257 | Ref | 60Hz Spec and GM Engine | F |
| | | Ref | **Note: SkyPower Generator is Standard On ANSI and CSA Specs. Optional on All Other Specs.** | |
| 709A | | Ref | Receptacle, Female Twist-Lock Options: | |
| 709A | 4460958 | 1 | 60Hz Spec | |
| 709A | See Note | 1 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 709B | | Ref | Gasket Options: | |
| 709B | 3960422 | 2 | 60Hz Spec | |
| 709B | See Note | 2 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 709C | | Ref | Cover, Receptacle Options: | |
| 709C | 1001110873 | 1 | 60Hz Spec (Top Hinged Cover) | |
| 709C | See Note | 1 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 709D | | Ref | Cover, Receptacle Options: | |
| 709D | 1001110872 | 1 | 60Hz Spec (Top Hinged Cover) | |
| 709D | See Note | 1 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 709E | | Ref | Receptacle Options: | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 709E | 4460346 | 1 | 60Hz Spec | |
| 709E | See Note | 1 | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 709F | 4460051 | 1 | Connector, Strain Relief | |
| 709G | 4460071 | 1 | Connector, Strain Relief | |
| 709H | 4922925 | 1 | Harness, Generator | C |
| 709J | See Note | 1 | Plug, Male - 6 Position (Note: Not Available for Purchase) | |
| 709J | 77363229 | 6 | Socket, Female | |
| 709K | 4460225 | 1 | Plug, Male - 6 Position | |
| 709K | 4460226 | 6 | Socket, Female | |
| 710 | | Ref | 7500W SkyPower Generator Junction Box Components | |
| 710 | 0861542 | Ref | 60Hz Spec | C |
| 710 | 0861567 | Ref | 50Hz Specs | B |
| 710A | | Ref | Cable, Electrical 12/3 | |
| 710A | 1060494 | 2 ft/.6m | 60Hz Spec | |
| 710A | See Note | 2 ft/.6m | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 710B | | Ref | Cable, Electrical 10/3 | |
| 710B | 1060708 | 2.5 ft /.76m | 60Hz Spec | |
| 710B | See Note | 2.5 ft /.76m | 50Hz Spec (Note: Not Available - Purchase Locally) | |
| 710C | 1060343 | 1.5 ft /.46m | Cable, Electrical 10/4 (60Hz Spec Only) | |
| 710D | 4460425 | 2 | Connector, Strain Relief | |
| 710E | | Ref | Component Options: | |
| 710E | 4460426 | 2 | Connector, Strain Relief (60Hz Spec Only) | |
| 710E | 4460426 | 1 | Connector, Strain Relief (50Hz Spec Only) | |
| 710E | 3520189 | 1 | Plug (50Hz Spec Only) | |
| 710F | 1671092 | 1 | Cover (60Hz Spec Only) | |
| 710F | 4460963 | 1 | Connector (60Hz Spec Only) | |
| 711 | | Ref | 7500W Generator Electrical Diagram Components | |
| 711 | 1001112586 | Ref | Caterpillar and Deutz Engine Machines | A |
| 711 | 4933349 | Ref | GM Engine Machines | 1-A |
| 711A | | Ref | Generator Harness Options: | |
| 711A | 1001112587 | 1 | Caterpillar and Deutz Engine Machines | A |
| 711A | 4923420 | 1 | GM Engine Machines | 1-A |
| 711B | 4460374 | 2 | Plug, Sealed Relay | |
| 711B | 4460375 | 7 | Terminal | |
| 711C | 4460967 | 1 | Plug, Male - 3 Position | |
| 711C | 4460465 | 3 | Socket, Female | |
| 711D | 2400060 | 1 | Fuseholder | |
| 711D | 2400064 | 1 | Fuse - 5Amp | |
| 711E | 4922641 | 1 | Switch Harness | |
| 711F | 4460226 | 2 | Socket, Female | |
| 711G | 4460742 | 1 | Plug, Male - 2 Position (GM Engine Only) | |
| 711G | 4460743 | 2 | Socket, Female (GM Engine Only) | |
| 712 | 4933249 | 1 | Floodlights Harness Components | 2-A |
| 712A | 4460320 | 2 | Plug, Male - 2 Position | |
| 712A | 4460227 | 4 | Pin, Male | |
| 712B | 4922764 | 1 | Floodlight Harness (Lights to Switch) | 1-A |
| 712C | 4460424 | 2 | Connector, Female - 2 Position | |
| 712C | 4460226 | 4 | Socket, Female | |
| 712D | 4360232 | 1 | Circuit Breaker - 15Amp | |

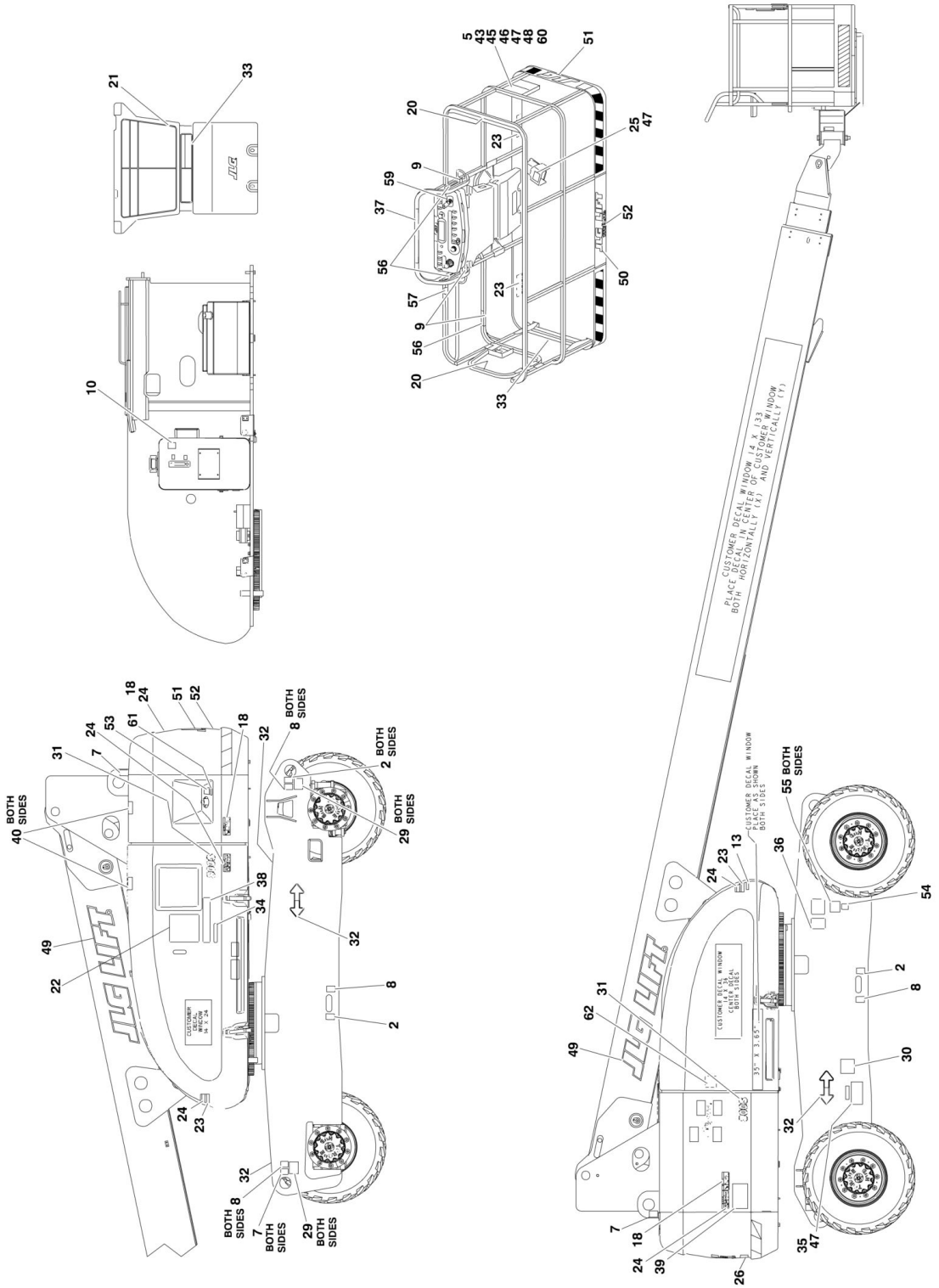
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 712E | 1060977 | 1 | Cord, 2 Wire Coiled (Console Box Circuit Breaker to Switch) | |
| 712F | 4460425 | 1 | Connector, Strain Relief | |
| 712G | 4922883 | 1 | Harness, Console Box to Aux Relay | |
| 712G | 1060708 | 120 ft /36.6m | 10/3 Cable | |
| 713 | | Ref | Platform Worklights Components | |
| 713A | 2920140 | AR | Platform Worklights External Harness (Includes Light and Wire Only) | |
| 713B | 4460426 | 1 | Connector, Strain Relief | |
| 713C | | Ref | Fuse Options: | |
| 713C | 2400070 | 1 | 20Amp Fuse (2 Worklights) | |
| 713C | 2400065 | 1 | 30Amp Fuse (4 Worklights) | |
| 713C | 2400066 | 1 | Holder, Fuse | |
| 713D | 4922874 | AR | Harness, Console Box to Connector Options: | |
| 713D | | Ref | 2 Worklights | |
| 713D | | Ref | 4 Worklights | |
| 713D | 1060708 | 11 ft/3.4m | 10/3 Cable (1 per Harness) | |
| 713E | | Ref | Harness, Connector to Aux Relay Options: | |
| 713E | 4922873 | 1 | 800S Harness (85ft/25.9m of 10/3 Cable P/N 1060708) | |
| 713E | 4922877 | 1 | 860SJ Harness (92ft/28m of 10/3 Cable P/N 1060708) | |
| 713F | 1001098234 | 1 | Connector, Female - 3 Position (Platform Worklights Only) | |
| 713G | 1001098349 | 1 | Connector, Male - 3 Position (Platform Worklights Only) | |
| 714 | | Ref | AC Cable with Breaker (Required Only on CE Spec Installations) | |
| 714 | 1001091790 | Ref | Without Powermite Generator | D |
| 714 | 1001109559 | Ref | With Powermite Generator | A |
| 714A | 0903484 | 1 | Bracket, Receptacle Box Mounting | |
| 714A | 0641416 | 2 | Bolt 1/4in-20NC x 2in | |
| 714A | 3311405 | 2 | Locknut 1/4in-20NC | |
| 714A | 4711400 | 4 | Flatwasher 1/4in (Narrow) | |
| 714B | 0903697 | 1 | Bracket, Circuit Breaker Mounting | |
| 714B | 0641412 | 2 | Bolt 1/4in-20NC x 1-1/2in | |
| 714B | 3311405 | 2 | Locknut 1/4in-20NC | |
| 714B | 4711400 | 4 | Flatwasher 1/4in (Narrow) | |
| 714C | | Ref | Kit, Box and Breaker (Required on CE Spec Installations): | |
| 714C | 1001109654 | AR | Machines without Powermite Generator Control Box | A |
| 714C | 1001109648 | AR | Machines with Powermite Generator Control Box | A |
| 714C | | Ref | Circuit Breaker | |
| 714C | 1001109477 | NLA | Breaker 10A (Use p/n 1001181046 - 10Amp/30mAmp Combination) | |
| 714C | 1001109475 | NLA | Breaker 16A (Use p/n 1001181045 - 16Amp/30mAmp Combination) | |
| 714C | 1001109482 | NLA | Breaker 30mA (Use p/n 1001181046 - 10Amp/30mAmp Combination or p/n 1001181045 - 16Amp/30mAmp Combination) | |
| 714C | 0861880 | 1 | Breaker Box | |
| 714C | 4460956 | 1 | Terminal, Block End Barrier | |
| 714C | 1060908 | 6 ft/1.8m | Cable, Extension | |
| 714C | 4460957 | 1 | Terminal Block | |
| 714D | | Ref | Connector, Strain Relief Options: | |
| 714D | 1001101191 | 1 | Top | |
| 714D | 1001097150 | 1 | Bottom | |
| 714D | 0641406 | 2 | Bolt 1/4in-20NC x 3/4in | |
| 714D | 3311405 | 2 | Locknut 1/4in-20NC | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 714D | 4711400 | 4 | Flatwasher 1/4in (Narrow) | |
| 714E | 1060908 | 12 ft/3.6m | Cable, Electrical 12/3 | |
| 714F | 4460709 | 1 | Plug, Male | |
| 714G | 4460710 | 1 | Connector, Female | |
| 715 | 1001094509 | 1 | Generator Hourmeter Harness | A |
| 716 | 1001149818 | 1 | Strobe Light Extension Harness (USA Built Machines) **(SN 0300171628 through 0300182743)** | A |
| 716A | 4460320 | 1 | Connector, Female - 2 Position | |
| 716A | 4460267 | 2 | Pin, Male | |
| 716B | 4460897 | 1 | Connector, Female - 2 Position | |
| 716B | 4460464 | 2 | Pin, Male | |
| | | Ref | **TOOLS** | |
| 801 | 7002821 | 1 | Crimper (For Wire to Pin/Socket Connections) (Not Shown) | |
| 802 | 7002823 | 1 | Extractor (For Removal of Pin/Socket from Connectors) (Not Shown) | |
| 803 | 4460467 | 1 | Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown) | |
| 804 | 4460510 | 1 | Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown) | |
| 805 | 7002828 | 1 | Stripper, Wire (Not Shown) | |
| 806 | 2901443 | 1 | Analyzer Kit (Not Shown) | |
| 806A | 1600244 | 1 | Analyzer | |
| 806B | 1060633 | 1 | Cable, Analyzer | 1-A |
| 806C | 4460321 | 2 | Plug, Male | |
| 806C | 4460226 | 8 | Socket, Female | |

# SECTION 8 - DECALS

# SECTION 8 - DECALS

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



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

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **STANDARD DECAL INSTALLATIONS** | |
| | 0274499 | Ref | **Standard Decal Installations 800S** | B |
| | 0274500 | Ref | **Standard Decal Installations 860SJ** | B |
| | 0274518 | Ref | **JLG Logo Decals** | B |
| 2 | 1701499 | 4 | Decal - No Lift | |
| 5 | 1701509 | 1 | Decal - Manual | |
| 7 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 8 | 1703814 | 6 | Decal - Tie Down | |
| 9 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 10 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 13 | 3251243 | 1 | Nameplate - 120V-60Hz | |
| 18 | 1703953 | 4 | Decal - Warning Crushing | |
| 20 | 1702868 | 2 | Decal - No Hands | |
| 21 | 1703797 | 1 | Decal - Warning/Danger | |
| 22 | 1705336 | 1 | Decal - Warning Inspection (MTB) | |
| 23 | 1703804 | 4 | Decal - Warning Crushing | |
| 24 | 1703805 | 4 | Decal - Danger Electrocution | |
| 25 | 3252347 | 1 | Decal - Footswitch | |
| 26 | 3251813 | 1 | Decal - USA (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 26 | 3251813 | 1 | Decal - USA (China Built Machines) **(SN B300000100 through B300000357 Only)** | |
| 28 | 1703475 | 4 | Decal - Max Tire Load (800S) | |
| 28 | 1703482 | 4 | Decal - Max Tire Load (860SJ) | |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | | Ref | Decal Options: | |
| 31 | 1704906 | 2 | Decal - 800S | |
| 31 | 1704907 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal- Arrow | |
| 33 | | Ref | Decal Capacity Options: | |
| 33 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity | |
| 33 | 1705088 | 2 | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |
| 33 | 1001122507 | 2 | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 33 | 1705088 | 2 | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 33 | 1001122507 | 2 | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 33 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity | |
| 33 | 1704995 | 2 | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |
| 33 | 1001122508 | 2 | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 33 | 1704995 | 2 | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 33 | 1001122508 | 2 | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 34 | | Ref | Decal Capacity Options: | |
| 34 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity: | |
| 34 | 1707016 | 1 | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |

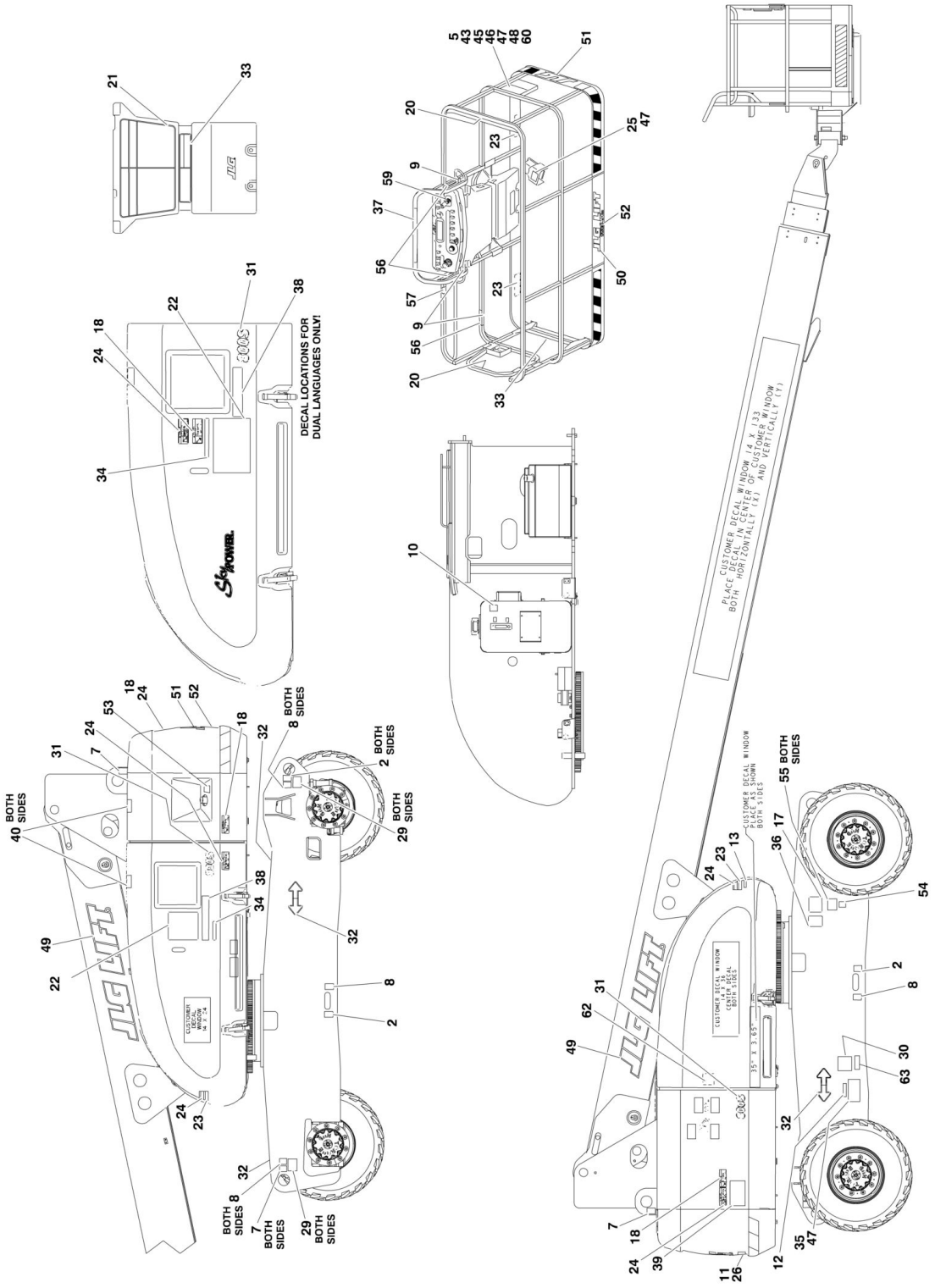
# SECTION 8 - DECALS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 34 | 1001122515 | 1 | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 34 | 1707016 | 1 | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 34 | 1001122515 | 1 | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 34 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity: | |
| 34 | 1707015 | 1 | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |
| 34 | 1001122516 | 1 | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 34 | 1707015 | 1 | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 34 | 1001122516 | 1 | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 35 | See Note | NSS | Nameplate, Manufacturers (Note: Not Available for Purchase) | |
| 36 | | Ref | Decal - Patent Options: | |
| 36 | 1700584 | 1 | USA Built Machines **(SN 0300140000 through 0300151567 Only)** | |
| 36 | 1001131269 | 1 | USA Built Machines **(SN 0300151568 through 0300182743 Only)** | |
| 36 | 1700584 | 1 | China Built Machines **(SN B300000100 through B300000356 Only)** | |
| 36 | 1001131269 | 1 | China Built Machines Only **(SN B300000357 through B300001091)** | |
| 37 | 1001108496 | 1 | Decal - Legend Options | |
| 38 | 1706941 | 1 | Decal - Legend (MTB) | |
| 39 | 3252781 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (USA Built Machines) **(SN 0300140000 through 0300143929)** | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (China Built Machines) **(SN B300000100 through B300000203)** | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 45 | 1060279 | 1 | Cable, Lanyard (USA Built Machines) **(SN 0300140000 through 0300143929)** | |
| 45 | 1060279 | 1 | Cable, Lanyard (China Built Machines) **(SN B300000100 through B300000203)** | |
| 46 | 3311405 | AR | Locknut 1/4in | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 49 | 1702861 | 2 | Decal - JLG Lift (8in Height) | |
| 50 | 1702774 | 1 | Decal - JLG Lift (3-1/2in Height) | |
| 51 | 1702773 | 1 | Decal - JLG (5in Height) | |
| 52 | 1704885 | AR | Decal - Website | |
| 53 | | Ref | Decal - Fuel | |
| 53 | 1701505 | 1 | Diesel | |
| 53 | 1701542 | 1 | Gas | |
| 54 | 1701543 | 1 | Decal - LP Gas (GM Engine Machines Only) | |
| 55 | 1700818 | 2 | Decal - LP Gas (Liquid) (GM Engine Machines Only) | |
| 56 | 1703175 | 1 | Decal - Lanyard Attach (GM Spec) | |
| 57 | 1702962 | 1 | Decal - Warning Prop (DSL) | |
| 58 | 1702961 | 1 | Decal - Warning Prop (Gas) | |
| 59 | 1705351 | 1 | Decal - Drive/Steer Instructions | |
| 60 | 0641406 | 1 | Bolt 1/4in-20NC x 3/4in | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 61 | 1001108923 | 1 | Decal - Low Sulfur Fuel (Caterpillar and Deutz Machines) | |
| 62 | 1704972 | 1 | Decal - Warning Explosion/Fire | |

# SECTION 8 - DECALS

## FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)



## FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **DECAL INSTALLATIONS** | |
| | 0274505 | Ref | **Decal Installations 800S Brazil Spec (English/Portuguese)** | B |
| | 0274503 | Ref | **Decal Installations 800S Chinese Spec (English/Chinese)** | B |
| | 0274507 | Ref | **Decal Installations 800S CSA Spec (English/French)** | B |
| | 0274511 | Ref | **Decal Installations 800S Japanese Spec (English/Japanese)** | B |
| | 0274501 | Ref | **Decal Installations 800S Korean Spec (English/Korean)** | B |
| | 0274513 | Ref | **Decal Installations 800S Latin America Spec (English/Spanish)** | B |
| | 0274506 | Ref | **Decal Installations 860SJ Brazil Spec (English/Portuguese)** | B |
| | 0274504 | Ref | **Decal Installations 860SJ Chinese Spec (English/Chinese)** | B |
| | 0274508 | Ref | **Decal Installations 860SJ CSA Spec (English/French)** | B |
| | 0274512 | Ref | **Decal Installations 860SJ Japanese Spec (English/Japanese)** | B |
| | 0274502 | Ref | **Decal Installations 860SJ Korean Spec (English/Korean)** | B |
| | 0274514 | Ref | **Decal Installations 860SJ Latin America Spec (English/Spanish)** | B |
| | 0274518 | Ref | **JLG Logo Decals** | B |
| 2 | 1701499 | 4 | Decal - No Tie Down /Lift | |
| 5 | 1701509 | 1 | Decal - Manual | |
| 6 | Not Required | 0 | Not Required | |
| 7 | 1703811 | 4 | Decal - Tie Down /Lift | |
| 8 | 1703814 | 6 | Decal - Tie Down | |
| 9 | 1704277 | 3 | Decal - Attach Lanyard | |
| 10 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 11 | Not Required | 0 | Not Required | |
| 12 | | Ref | Decal - CSA (Booms) | |
| 12 | Not Required | 0 | Brazil/ Chinese/ Japanese/ Korean/ Latin American Spec | |
| 12 | 1705514 | 1 | CSA Spec | |
| 13 | | Ref | Decal Options: | |
| 13 | Not Required | 0 | Brazil/Chinese/Korean Spec | |
| 13 | 3251243 | 1 | 120V-60Hz - CSA/Japanese/Latin American Spec | |
| 17 | | Ref | Decal - Inspection Options: | |
| 17 | 1705901 | 1 | Brazil Spec (English/Portuguese) (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 17 | 1705901 | 1 | Brazil Spec (English/Portuguese) (China Built Machines) **(SN B300000100 through B300000357 Only)** | |
| 17 | Not Required | 0 | Chinese/Japanese/Korean Spec | |
| 17 | 1704006 | 1 | CSA Spec (English/Portuguese) (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 17 | 1704006 | 1 | CSA Spec (English/Portuguese) (China Built Machines) **(SN B300000100 through B300000357 Only)** | |
| 17 | 1704007 | 1 | Latin American Spec (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 17 | 1704007 | 1 | Latin American Spec (China Built Machines) **(SN B300000100 through B300000357 Only)** | |
| 18 | | Ref | Decal - Warning Crushing (Rotate) Options: | |
| 18 | 1705903 | 1 | Brazil Spec (English/Portuguese) | |
| 18 | 1703943 | 7 | Chinese Spec | |
| 18 | 1703942 | 7 | CSA Spec | |
| 18 | 1703944 | 6 | Japanese Spec | |
| 18 | 1703945 | 6 | Korean Spec | |
| 18 | 1703941 | 7 | Latin American Spec | |

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| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 20 | | Ref | Decal - No Hands Options: | |
| 20 | 1705967 | 2 | Brazil Spec (English/Portuguese) | |
| 20 | 1001116846 | 2 | Chinese Spec (Traditional) | |
| 20 | 1705968 | 2 | Chinese Spec (Simplified) | |
| 20 | 1704000 | 2 | CSA Spec | |
| 20 | Not Required | 0 | Japanese Spec | |
| 20 | 1705969 | 2 | Korean Spec | |
| 20 | 1704001 | 2 | Latin American Spec | |
| 21 | | Ref | Decal - Warning/Danger (PLF) Options: | |
| 21 | 1705895 | 1 | Brazil Spec (English/Portuguese) | |
| 21 | 1703925 | 1 | Chinese Spec | |
| 21 | 1703924 | 1 | CSA Spec | |
| 21 | 1703926 | 1 | Japanese Spec | |
| 21 | 1703927 | 1 | Korean Spec | |
| 21 | 1703923 | 1 | Latin American Spec | |
| 22 | | Ref | Decal - Warning Inspection (MTB) Options: | |
| 22 | 1705896 | 1 | Brazil Spec (English/Portuguese) | |
| 22 | 1001116849 | 1 | Chinese Spec (Traditional) | |
| 22 | 1705348 | 1 | Chinese Spec (Simplified) | |
| 22 | 1705347 | 1 | CSA Spec | |
| 22 | 1705344 | 1 | Japanese Spec | |
| 22 | 1705345 | 1 | Korean Spec | |
| 22 | 1705917 | 1 | Latin American Spec | |
| 23 | | Ref | Decal - Warning Crushing (Down) Options: | |
| 23 | 1705898 | 6 | Brazil Spec (English/Portuguese) | |
| 23 | 1703949 | 6 | Chinese Spec | |
| 23 | 1703948 | 6 | CSA Spec | |
| 23 | 1703950 | 6 | Japanese Spec | |
| 23 | 1703951 | 6 | Korean Spec | |
| 23 | 1703947 | 6 | Latin American Spec | |
| 24 | | Ref | Decal - Danger Electrocution Options: | |
| 24 | 1705897 | 5 | Brazil Spec (English/Portuguese) | |
| 24 | 1001116851 | 5 | Chinese Spec (Traditional) | |
| 24 | 1703937 | 5 | Chinese Spec (Simplified) | |
| 24 | 1703936 | 5 | CSA Spec | |
| 24 | 1703938 | 5 | Japanese Spec | |
| 24 | 1703939 | 5 | Korean Spec | |
| 24 | 1703935 | 5 | Latin American Spec | |
| 25 | | Ref | Decal - Foot Switch Options: | |
| 25 | 1705902 | 1 | Brazil Spec (English/Portuguese) | |
| 25 | 1703982 | 1 | Chinese Spec | |
| 25 | 1703984 | 1 | CSA Spec | |
| 25 | 1703980 | 1 | Japanese Spec | |
| 25 | 1703981 | 1 | Korean Spec | |
| 25 | 1703983 | 1 | Latin American Spec | |
| 26 | | Ref | Decal - USA Options: | |
| 26 | 3251813 | 1 | Brazil/ Chinese/ CSA/ Japanese/ Korean/ Latin American Spec (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 26 | 3251813 | 1 | Brazil/Chinese/CSA/Japanese/Korean/Latin American Spec (China Built Machines) **(SN B300000100 through B300000357 Only)** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 26 | Not Required | 0 | Korean Spec | |
| 28 | 1703475 | 4 | Decal - Max Tire Load (800S) | |
| 28 | 1703482 | 4 | Decal - Max Tire Load (860SJ) | |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | | Ref | Decal Options: | |
| 31 | 1704906 | 2 | Decal - 800S | |
| 31 | 1704907 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal- Arrow | |
| 33 | | Ref | Decal Capacity Options: | |
| 33 | | Ref | USA Built Machines **(SN 0300140000 through 0300143293 Only)** | |
| 33 | | Ref | China Built Machines **(SN B300000100 through B300000152 Only)** | |
| 33 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity | |
| 33 | 1706380 | 2 | Brazil Spec (English/Portuguese) | |
| 33 | 1704101 | 2 | Chinese Spec | |
| 33 | 1704099 | 2 | CSA Spec | |
| 33 | 1704102 | 2 | Japanese Spec | |
| 33 | 1704103 | 2 | Korean Spec | |
| 33 | 1704098 | 2 | Latin American Spec | |
| 33 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity | |
| 33 | 1001094804 | 2 | Brazil Spec (English/Portuguese) | |
| 33 | 1001094800 | 2 | Chinese Spec | |
| 33 | 1001094806 | 2 | CSA Spec | |
| 33 | 1001094809 | 2 | Japanese Spec | |
| 33 | 1001094798 | 2 | Korean Spec | |
| 33 | 1001094802 | 2 | Latin American Spec | |
| 33 | | Ref | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 33 | | Ref | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 33 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity | |
| 33 | 1001121806 | 2 | Brazil Spec (English/Portuguese) | |
| 33 | 1001121809 | 2 | Chinese Spec | |
| 33 | 1001121802 | 2 | CSA Spec | |
| 33 | 1001121807 | 2 | Japanese Spec | |
| 33 | 1001122200 | 2 | Korean Spec | |
| 33 | 1001121804 | 2 | Latin American Spec | |
| 33 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity | |
| 33 | 1001122512 | 2 | Brazil Spec (English/Portuguese) | |
| 33 | 1001122510 | 2 | Chinese Spec | |
| 33 | 1001122513 | 2 | CSA Spec | |
| 33 | 1001122514 | 2 | Japanese Spec | |
| 33 | 1001122509 | 2 | Korean Spec | |
| 33 | 1001122511 | 2 | Latin American Spec | |
| 34 | | Ref | Decal Capacity Options: | |
| 34 | | Ref | USA Built Machines **(SN 0300140000 through 0300143293 only)** | |
| 34 | | Ref | China Built Machines **(SN B300000100 through B300000152 only)** | |
| 34 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity | |
| 34 | 1707051 | 1 | Brazil Spec (English/Portuguese) | |
| 34 | 1707045 | 1 | Chinese Spec | |

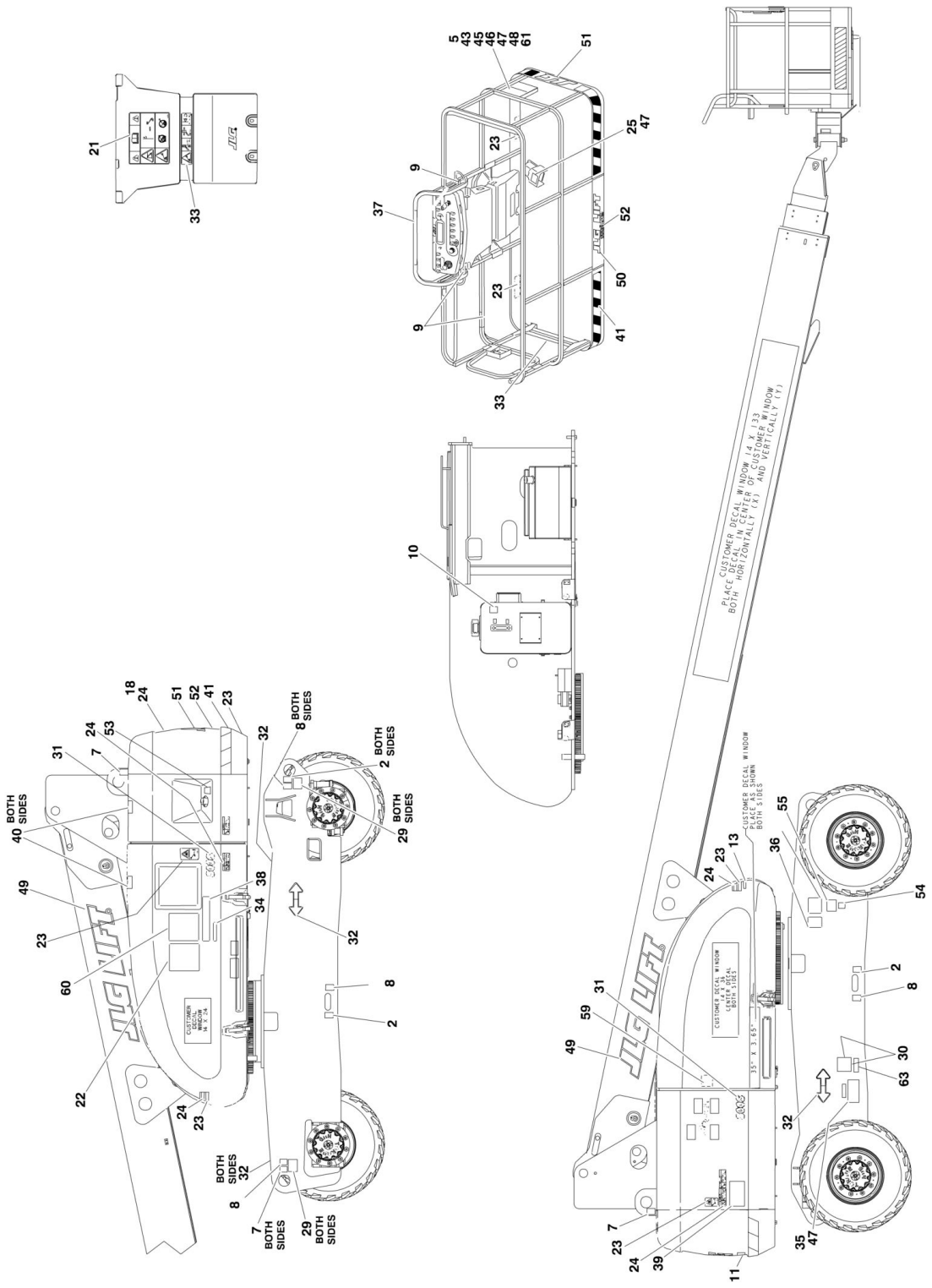
# SECTION 8 - DECALS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 34 | 1707046 | 1 | CSA Spec | |
| 34 | 1707053 | 1 | Japanese Spec | |
| 34 | 1707043 | 1 | Korean Spec | |
| 34 | 1707048 | 1 | Latin American Spec | |
| 34 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity | |
| 34 | 1001094805 | 1 | Brazil Spec (English/Portuguese) | |
| 34 | 1707044 | 1 | Chinese Spec | |
| 34 | 1001094808 | 1 | CSA Spec | |
| 34 | 1001094810 | 1 | Japanese Spec | |
| 34 | 1001094799 | 1 | Korean Spec | |
| 34 | 1001094803 | 1 | Latin American Spec | |
| 34 | | Ref | USA Built Machines **(SN 0300143294 through 0300182743 Only)** | |
| 34 | | Ref | China Built Machines Only **(SN B300000153 through B300001091)** | |
| 34 | | Ref | Decal Capacity 800S - Decal - 500LBS Unrestricted Capacity | |
| 34 | 1001121819 | 1 | Brazil Spec (English/Portuguese) | |
| 34 | 1001121822 | 1 | Chinese Spec | |
| 34 | 1001121815 | 1 | CSA Spec | |
| 34 | 1001121820 | 1 | Japanese Spec | |
| 34 | 1001122201 | 1 | Korean Spec | |
| 34 | 1001121817 | 1 | Latin American Spec | |
| 34 | | Ref | Decal Capacity 860SJ - Decal - 500LBS Maximum Capacity | |
| 34 | 1001122520 | 1 | Brazil Spec (English/Portuguese) | |
| 34 | 1001122518 | 1 | Chinese Spec | |
| 34 | 1001122521 | 1 | CSA Spec | |
| 34 | 1001122522 | 1 | Japanese Spec | |
| 34 | 1001122517 | 1 | Korean Spec | |
| 34 | 1001122519 | 1 | Latin American Spec | |
| 35 | See Note | NSS | Nameplate, Manufacturers (Note: Not Available for Purchase) | |
| 36 | | Ref | Decal - Patent Options: | |
| 36 | 1700584 | 1 | All Specs except CSA Spec (USA Built Machines) **(SN 0300140000 through 0300151567 Only)** | |
| 36 | 1001131269 | 1 | CSA Spec Only (USA Built Machines) **(SN 0300151568 through 0300182743 Only)** | |
| 36 | 1700584 | 1 | All Specs except CSA Spec (China Built Machines) **(SN B300000100 through B300000356 Only)** | |
| 36 | 1001131269 | 1 | CSA Spec Only (China Built Machines Only) **(SN B300000357 through B300001091)** | |
| 37 | 1001108496 | 1 | Decal - Legend | |
| 38 | 1706941 | 1 | Decal - Legend (MTB) | |
| 39 | 3252781 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (USA Built Machines) **(SN 0300140000 through 0300179244 Only)** | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (China Built Machines) **(SN B300000100 through B300000855 Only)** | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 45 | 1060279 | 1 | Cable, Lanyard (USA Built Machines) **(SN 0300140000 through 0300179244 Only)** | |
| 45 | 1060279 | 1 | Cable, Lanyard (China Built Machines) **(SN B300000100 through B300000855 Only)** | |
| 46 | 3311405 | AR | Locknut 1/4in | |
| 47 | 3820001 | 2 | Rivet | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 49 | 1702861 | 2 | Decal - JLG Lift (8in Height) | |
| 50 | 1702774 | 1 | Decal - JLG Lift (3-1/2in Height) | |
| 51 | 1702773 | 1 | Decal - JLG (5in Height) | |
| 52 | 1704885 | AR | Decal - Website | |
| 53 | | Ref | Decal - Fuel | |
| 53 | 1701505 | 1 | Diesel | |
| 53 | 1701542 | 1 | Gas | |
| 56 | | Ref | Decal - Lanyard Attach (GM Spec) | |
| 56 | Not Required | 0 | Brazil/ Chinese/ Japanese/ Korean/ Latin American Spec | |
| 56 | 1703175 | 1 | CSA Spec | |
| 59 | | Ref | Decal - Drive/Steer Instructions Options: | |
| 59 | 1705905 | 1 | Brazil Spec (English/Portuguese) | |
| 59 | 1705430 | 1 | Chinese Spec | |
| 59 | 1705429 | 1 | CSA Spec | |
| 59 | 1705426 | 1 | Japanese Spec | |
| 59 | 1705427 | 1 | Korean Spec | |
| 59 | 1705910 | 1 | Latin American Spec | |
| 60 | 0641406 | 1 | Bolt 1/4in-20NC x 3/4in | |
| 62 | | Ref | Decal - Warning Explosion/Fire Options: | |
| 62 | 1706059 | 1 | Brazil Spec (English/Portuguese) | 1 |
| 62 | 1706060 | 1 | Chinese Spec | |
| 62 | 1706064 | 1 | CSA Spec | |
| 62 | 1706062 | 1 | Japanese Spec | |
| 62 | 1706061 | 1 | Korean Spec | |
| 62 | 1706063 | 1 | Latin American Spec | |
| 63 | 1001143852 | | Decal - Emissions Compliance **(SN 0300181349 through 0300182743 Only)** | |

# SECTION 8 - DECALS

## FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN AND CE SPEC)



## FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN AND CE SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **DECAL INSTALLATIONS** | |
| | 1001114371 | Ref | **Decal Installations 800S Australian Spec** | B |
| | 0274509 | Ref | **Decal Installations 800S CE Spec** | C |
| | 1001114372 | Ref | **Decal Installations 860SJ Australian Spec** | B |
| | 0274510 | Ref | **Decal Installations 860SJ CE Spec** | C |
| | 0274518 | Ref | **JLG Logo Decals** | B |
| 2 | 1701499 | AR | Decal - No Lift | |
| 5 | 1701509 | 1 | Decal - Manual | |
| 7 | 1703811 | 4 | Decal - Lift | |
| 8 | 1703814 | 6 | Decal - Tie Down | |
| 9 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 10 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 11 | | Ref | Decal - Sound Power Level Options: | |
| 11 | 1705084 | 1 | USA Built Machines **(SN 0300140000 through 0300174920 Only)** | |
| 11 | 1705084 | 1 | China Built Machines **(SN B300000100 through B300000803 Only)** | |
| 11 | 1705980 | 1 | USA Built Machines **(SN 0300174921 through 0300182743 Only)** | |
| 11 | 1705980 | 1 | China Built Machines Only **(SN B300000804 through B300001091)** | |
| 21 | 1705921 | 1 | Decal - Tipping/e (PLF) | |
| 22 | 1705822 | 1 | Decal - e/Safety Manual | |
| 23 | 1701518 | 10 | Decal - Warning Crushing | |
| 24 | 1705961 | 5 | Decal - Danger Electrocution | |
| 25 | 1705828 | 1 | Decal - Footswitch | |
| 28 | 1703475 | 4 | Decal - Max Tire Load (800S) | |
| 28 | 1703482 | 4 | Decal - Max Tire Load (860SJ) | |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | | Ref | Decal Options: | |
| 31 | 1704906 | 2 | Decal - 800S | |
| 31 | 1704907 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal- Arrow | |
| 33 | 1705978 | 1 | Decal - 230kg Capacity | |
| 34 | 1705978 | 1 | Decal - 230kg Capacity | |
| 35 | See Note | NSS | Nameplate, Manufacturers (Note: Not Available for Purchase) | |
| 36 | 1700584 | 1 | Decal - Patent (USA Built Machines) **(SN 0300140000 through 0300151568 Only)** | |
| 36 | 1700584 | 1 | Decal - Patent (China Built Machines) **(SN B300000100 through B300000357 Only)** | |
| 37 to 38 | Not Required | 0 | Not Required | |
| 39 | 3252781 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 42 | 3251242 | 1 | Decal - 240V-50Hz | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (USA Built Machines) **(SN 0300140000 through 0300179244 Only)** | |
| 43 | 0641408 | 1 | Bolt 1/4in-20NC x 1in (China Built Machines) **(SN B300000100 through B300000855 Only)** | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 45 | 1060279 | 1 | Cable, Lanyard (USA Built Machines) **(SN 0300140000 through 0300179244 Only)** | |

# SECTION 8 - DECALS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 45 | 1060279 | 1 | Cable, Lanyard (China Built Machines) **(SN B300000100 through B300000855 Only)** | |
| 46 | 3311405 | AR | Locknut 1/4in | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | AR | Flatwasher 1/4in Regular | |
| 49 | 1702861 | 2 | Decal - JLG Lift (8in Height) | |
| 50 | 1702774 | 1 | Decal - JLG Lift (3-1/2in Height) | |
| 51 | 1702773 | 1 | Decal - JLG (5in Height) | |
| 52 | 1704885 | AR | Decal - Website | |
| 53 | 1701505 | 1 | Decal - Fuel | |
| 59 | 1706098 | 1 | Decal - Warning Explosion/Fire | |
| 60 | 1001112551 | 1 | Decal - Emergency Control (Australian Spec Only) | |
| 61 | 0641406 | 1 | Bolt 1/4in-20NC x 3/4in | |
| 63 | 1001143852 | 1 | Decal - Emissions Compliance **(SN 0300181349 through 0300182743 Only)** | |

# SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

# SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

## FIGURE 9-1. MODEL 800S/860SJ STANDARD PARTS

| 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** | |
| | 1001108617 | 12 | Element, Filter | |
| | 7012944 | 1 | Coil | |
| | 7012943 | 1 | Coil | |
| | 7017451 | 1 | Coil | |
| | 70000582 | 1 | Coil | |
| | 7012664 | 1 doz | Element, Air Cleaner | |
| | 3740067 | 1 | Relay | |
| | 3740080 | 1 | Relay | |
| | 7024444 | 3 | Breather, Hydraulic Tank | |
| | 7024375 | 3 | Element, Hydraulic Filter | |
| | 4360517 | 1 | Switch, Proximity | |
| | 3740049 | 1 | Relay | |
| | 4360328 | 1 | Switch, Toggle | |
| | 2860030 | 1 | Key, Replacement | |
| | 4360475 | 1 | Switch, Mushroom | |
| | 4360476 | 1 | Contact, Switch Block | |
| | 1001133329 | 1 | Switch, Level Sensor | |
| | 2940074 | 1 | Latch | |
| | 1001117172 | 1 | Footswitch | |
| | 4360330 | 1 | Switch, Toggle | |
| | 4360331 | 1 | Switch, Toggle | |
| | 4360387 | 1 | Switch, Push Button | |
| | 1001129555 | 1 | Controller (Lift and Swing) | |
| | 1001212415 | 1 | Controller (Drive and Steer) | |
| | 4360506 | 1 | Switch, Proximity | |

## FIGURE 9-2. MODEL 800S/860SJ VARIABLE PARTS

| 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 | **VARIABLE PARTS** | |
| | 7026811 | 1 doz | Filter, Oil (Caterpillar Engine Machines) | |
| | 7026830 | 1 doz | Filter, Fuel (Caterpillar Engine Machines) | |
| | 1001112067 | 1 | Module, Engine Control (Caterpillar Engine Machines) | |
| | 7016331 | 1 doz | Filter, Oil (Deutz Engine Machines) | |
| | 7016328 | 1 doz | Filter, Fuel (Deutz Engine Machines) | |
| | 7027795 | 1 | Module, Engine Control (Deutz Engine Machines) | |
| | 7027965 | 1 doz | Filter, Oil (GM Engine Machines) | |
| | 7027972 | 1 doz | Filter, Fuel (GM Engine Machines) | |
| | 70002895 | 1 | Module, Engine Control (GM Engine Machines) | |
| | 1001103667 | 1 | Module, Ground Control | |
| | 4360469 | 1 | Switch, Key (All Specs except CE Specs) | |
| | 4360470 | 1 | Switch, Key (CE Specs Only) | |
| | 4360578 | 1 | Switch, Limit | |
| | 3740080 | 1 | Relay (Machine with Generator Option) | |
| | 4360336 | 1 | Switch, Toggle (Machines with Generator Option) | |
| | 4360070 | 1 | Breaker, Circuit (Machines with SkyPower) | |
| | 2400064 | 2 | Fuse - 5Amp (Machines with SkyPower) | |
| | 70003921 | 1 | Powertrack Repair Section | |
| | 70003922 | 1 | Powertrack Mounting Bracket Kit | |
| | 4360522 | 1 | Switch, Push Button (Machines with Headlights Option) | |
| | 4360336 | 1 | Switch, Toggle (Machines with Dual Fuel Option) | |
| | 4360328 | 1 | Switch, Toggle (860SJ Only) | |
| | 1001141138 | 1 | Module, Controller | |
| | 4360057 | 1 | Switch, Limit | |
| | 4360232 | 1 | Breaker, Circuit (Machines with Platform Worklights) | |
| | 3990010 | 2 | Diode (Machines with Generator Option) | |
| | 2400070 | 2 | Fuse (Machines with Platform Worklights) | |
| | 70004318 | 2 | Fuse 5Amp (Caterpillar Engine Machines) | |
| | 70004319 | 2 | Fuse 10Amp (Caterpillar Engine Machines) | |
| | 70004317 | 1 | Relay 25Amp (Caterpillar Engine Machines) | |
| | 70004316 | 1 | Relay (Caterpillar Engine Machines) | |

# SECTION 10 - SPECIAL OPTIONS

# SECTION 10 - SPECIAL OPTIONS

## FIGURE 10-1. SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.** | |
| | | Ref | **MISCELLANEOUS SPECIAL OPTIONS** | |
| | 1340061 | Ref | **Air Cleaner with Dust Evacuator Valve** | |
| | 0271472 | Ref | **Air Line at Platform Installation - 800S** | |
| | 1001091712 | Ref | **Air Line at Platform Installation - 800S (With Arctic Package)** | |
| | 0271473 | Ref | **Air Line at Platform Installation - 860SJ** | |
| | 1001091713 | Ref | **Air Line at Platform Installation - 860SJ (With Arctic Package)** | |
| | 1001156415 | Ref | **Battery Relocation (860SJ Only)** | |
| | | Ref | **Bellows Installations** | |
| | 0271476 | Ref | **Bellows Installations 800S Boom Bellows** | |
| | 0271477 | Ref | **Bellows Installations 860SJ Boom Bellows** | |
| | 0258757 | Ref | **Fixed Axle with 2WS Frame Bellows** | |
| | 0258759 | Ref | **Fixed Axle with 4WS Frame Bellows** | |
| | 0258387 | Ref | **Oscillating Axle with 2WS Frame Bellows** | |
| | 0258758 | Ref | **Oscillating Axle with 4WS Frame Bellows** | |
| | | Ref | **Boom Rope Service Kits** | |
| | 1001111231 | Ref | **Boom Rope Service Kit (800S)** | |
| | 1001197240 | Ref | **Boom Rope Service Kit (860SJ)** | |
| | 2910888 | Ref | **Boom Wear Pad Kit** | |
| | | Ref | **Boom Wiper Installation** | |
| | 0271448 | Ref | **Standard Machines** | |
| | 1001122305 | Ref | **Hostile Environment Machines** | |
| | | Ref | **Cable Carrier Installations** | |
| | 1001116419 | Ref | **2.5ft Platform** | |
| | 1001116420 | Ref | **3ft Platform** | |
| | 0256789 | Ref | **Camera Mount Assembly** | |
| | 0272057 | Ref | **Chassis Flood Lights Installation** | |
| | | Ref | **ClearSky (Telematics) Installation (Factory Installed)** | |
| | | Ref | **Note: Refer to Manual Supplement p/n 3128499 for available replacement parts.** | |
| | | Ref | **With (ABS) Hood (USA Built Machines) (SN 0300140000 through 0300144482 Only)** | |
| | | Ref | **With (ABS) Hood (China Built Machines) (SN B300000100 through B300000199 Only)** | |
| | 1001112990 | Ref | **ANSI Spec** | |
| | 1001112991 | Ref | **ANSI Export and Japanese Specs** | |
| | 1001112992 | Ref | **CSA Spec** | |
| | | Ref | **With (Steel) Hood (USA Built Machines) (SN 0300144483 through 0300182743 Only)** | |
| | | Ref | **With (Steel) Hood (China Built Machines) (SN B300000200 through B300001091)** | |
| | 1001118963 | Ref | **ANSI SPEC** | |
| | 1001134103 | Ref | **Australian Specs Only** | |
| | 1001118964 | Ref | **CSA Specs** | |
| | 1001127087 | Ref | **Brazil and New Zealand Specs Only** | |
| | | Ref | **ClearSky (Telematics) Kit (Dealer Installed)** | |
| | 1001119939 | Ref | **ANSI Spec** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139151 | Ref | **Australian Spec** | |
| | 1001119947 | Ref | **CSA Spec** | |
| | | Ref | **Cold Weather Start Kits** | |
| | 0273575 | Ref | **Caterpillar Engine Machines** | |
| | 0256060 | Ref | **Deutz Engine Machines (Ether)** | |
| | 0271912 | Ref | **Deutz Engine Machines (Glow Plugs)** | |
| | 0275262 | Ref | **GM Engine Machines** | |
| | 1001115918 | Ref | **Cribbing Switch Installation** | |
| | | Ref | **Decal Installations** | |
| | | Ref | Decal - ClearSky Options: | |
| | 1001116597 | Ref | ANSI Spec (USA Built Machines) **(SN 0300140000 through 0300143784 Only)** | |
| | 1001116597 | Ref | ANSI Spec (China Built Machines) **(SN B300000100 through B300000199 Only)** | |
| | 1001116598 | Ref | CSA Spec (USA Built Machines) **(SN 0300140000 through 0300143784 Only)** | |
| | 1001116598 | Ref | CSA Spec (China Built Machines) **(SN B300000100 through B300000199 Only)** | |
| | 1001120993 | Ref | ANSI and CSA Spec (USA Built Machines) **(SN 0300143785 through 0300182743 Only)** | |
| | 1001120993 | Ref | ANSI and CSA Spec (China Built Machines) **(SN B300000200 through B300001091)** | |
| | 1001154503 | Ref | Decal - Boels Rentals (ANSI Export Specs) | |
| | 0257195 | Ref | Decal - Government Warranty Installation (ANSI Spec) | |
| | 1703175 | 1 | Decal - Lanyard Attach (GM K-1 Spec) (ANSI and CSA Specs) | |
| | 1702962 | 1 | Decal - Prop 65 Warning (Diesel Machines) (California Spec) | |
| | 1702961 | 1 | Decal - Prop 65 Warning (Gasoline Machines) (California Spec) | |
| | 0274528 | Ref | Decals - Head and Engquist Equipment L.L.C. (H and E) (ANSI Spec) | |
| | 0274455 | Ref | Decal - FedEx (ANSI and CSA Specs) | |
| | 0273251 | Ref | Decal - Hertz (ANSI and CSA Specs) **(SN 0300140000 through 0300147422)** | |
| | 1001128989 | Ref | Decal - Hertz (ANSI and CSA Specs) **(SN 0300147423 through 0300182743)** | |
| | 1001143078 | Ref | Decals - Hewitt the Rental Store (English) | |
| | 1001143513 | Ref | Decals - Hewitt the Rental Store (French) | |
| | 1001140645 | Ref | Decal - Leavitt (ANSI and CSA Specs) | |
| | 0274244 | Ref | Decal - National Equipment Services (ANSI and CSA Specs) | |
| | 1001095392 | Ref | Decal - RSC Equipment Rental (ANSI and CSA Specs) | |
| | 0273687 | Ref | Decal - SkyAir (ANSI, ANSI Export and CSA Specs) | |
| | 0272599 | Ref | Decal - SkyCutter (ANSI, ANSI Export and CSA Specs) | |
| | 0272607 | Ref | Decal - SkyCutter (Japanese Spec) | |
| | 0272418 | Ref | Decal - SkyGlazier (All Specs except CE and Japanese Specs) | |
| | 0272589 | Ref | Decal - SkyPower (All Specs except ANSI and CSA Specs) | |
| | 0272448 | Ref | Decal - SkyWelder (ANSI and CSA Specs) | |
| | 0272588 | Ref | Decal - SkyWelder (All Specs except ANSI and CSA Specs) | |
| | 1001120206 | Ref | Decal - Sunbelt (ANSI and CSA Specs) | |
| | 1001151082 | Ref | Decal - Titan Rentals (ANSI and CSA Specs) | |
| | 0271815 | Ref | Decal - United Rentals (ANSI and CSA Specs) | |
| | 1001140221 | Ref | Decal - Volvo Rents (ANSI and CSA Specs) | |
| | | Ref | **Decal Kits Options:** | |
| | 2902307 | Ref | Decal Kit - Country Spec (ANSI and ANSI Export) | |
| | 2902329 | Ref | Decal Kit - Country Spec (Australian and CE) | |

# SECTION 10 - SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2902312 | Ref | Decal Kit - Country Spec (Brazil) | |
| | 2902322 | Ref | Decal Kit - Country Spec (CSA) | |
| | 1001116844 | Ref | Decal Kit - Country Spec (Chinese - Simplified) | |
| | 2902309 | Ref | Decal Kit - Country Spec (Chinese - Traditional) | |
| | 2902308 | Ref | Decal Kit - Country Spec (Japanese) | |
| | 2902310 | Ref | Decal Kit - Country Spec (Korean) | |
| | 2902311 | Ref | Decal Kit - Country Spec (Latin America) | |
| | 1001109029 | Ref | Decal Kit - Master | |
| | 1001193640 | Ref | Decal Kit - Machine (ANSI Spec Only) | |
| | 1001108722 | Ref | Decal Kit - Platform (800S) | |
| | 1001108723 | Ref | Decal Kit - Platform (860SJ) | |
| | 1001119564 | Ref | Decal Kit - Platform Console Box (ANSI Spec) | |
| | 2902354 | Ref | Decal Kit - Tire Load (800S) | |
| | 2902429 | Ref | Decal Kit - Tire Load (860SJ) | |
| | | Ref | **Filter Kits:** | |
| | | Ref | Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil) | |
| | | Ref | Caterpillar Engine Machines | |
| | 1001114054 | 1 | Caterpillar Engine Machines **(SN 0300140000 through 0300141318)** | |
| | 1001114055 | 1 | Caterpillar Engine Machines **(SN 0300141319 through 0300182743)** | |
| | | Ref | Deutz Engine Machines | |
| | 1001111004 | 1 | Deutz Engine Machines **(SN 0300140000 through 0300141318)** | |
| | 1001114049 | 1 | Deutz Engine Machines **(SN 0300141319 through 0300182743)** | |
| | | Ref | GM Engine Machines | |
| | 1001113981 | 1 | GM Engine Machines **(SN 0300140000 through 0300141318)** | |
| | 1001151650 | 1 | GM Engine Machines **(SN 0300141319 through 0300182743)** | |
| | | Ref | Hydraulic/Air Filter Options: | |
| | See Note | NLA | Caterpillar/GM Engine Machines (Note: Not Available for Purchase) | |
| | 1001182239 | 1 | Deutz Engine Machines **(SN 0300141319 through 0300182743)** | |
| | | Ref | Engine - Fuel/Engine Oil Filter | |
| | See Note | NSS | Caterpillar/GM Engine Machines (Note: Not Available for Purchase) | |
| | 1001110133 | 1 | Deutz Engine Machines | |
| | 2902394 | Ref | **Drive/Steer Cutout Kit** | |
| | | Ref | **Electrical Connector Kits** | |
| | 1001148902 | Ref | Amp/Tyco Electrical Connector Kit | |
| | 1001148903 | Ref | Deutsch DT Electrical Connector Kit | |
| | 1001148904 | Ref | Deutsch HD Electrical Connector Kit | |
| | 1001148905 | Ref | Packard Electrical Connector Kit | |
| | 1001148906 | Ref | Various Electrical Connectors Kit | |
| | 0275261 | Ref | **Engine Block Heater Installation (GM Engines)** | |
| | 1001093389 | Ref | **Fan Cover Installation (Deutz Engines Only)** | |
| | 1001185078 | Ref | **Fan Cover Add-on Kit (Deutz Engines Only)** | |
| | 1001125824 | Ref | **Fire Extinguisher Brackets installation (Frame Mounted)** | |
| | 1001139099 | Ref | **Fire Extinguisher Installation (20lb) (Platform Mounted)** | |
| | 1001121862 | Ref | **Fire Protection For Hoses and Cables** | |
| | | Ref | **Footswitch Shield Installation** | |
| | 4060959 | 1 | Shield, Footswitch (USA Built Machines) **(SN 0300140000** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | **through 0300143928)** | |
| | 4060959 | 1 | Shield, Footswitch (China Built Machines) **(SN B300000100 through B300000203)** | |
| | | Ref | **Footswitch Shield (With Arctic Package) Options:** | |
| | 3380652 | Ref | **Footswitch Shield (With Arctic Package) (SN 0300140000 through 0300143928)** | |
| | 1001117294 | Ref | **Footswitch Shield (With Arctic Package) (SN 0300143929 through 0300182743)** | |
| | | Ref | **Fluids:** | |
| | 2300004 | Ref | Coolant, Standard | |
| | 2300041 | Ref | Coolant, Arctic | |
| | 2300040 | Ref | Diesel Fuel Conditioner | |
| | 3020016 | Ref | Engine Oil, (15W-40) | |
| | 3020044 | Ref | Engine Oil, (0W-40) | |
| | 1001115930 | Ref | Engine Oil, (10W-30) | |
| | 1001115931 | Ref | Engine Oil, Fully Synthetic (5W-30) | |
| | | Ref | Hydraulic Fluids Options: | |
| | 2300014 | Ref | Mobil 424 | |
| | 2300027 | Ref | Mobil 224H Bio | |
| | 2300029 | Ref | Mobil EAL ISO 46 Bio | |
| | | Ref | Hydraulic Fluids Options: | |
| | 2300016 | Ref | Mobil DTE 10 EXCEL 32 | |
| | 2300021 | Ref | Union Carbide Ucon HP5046 Fire Resistant | |
| | 2300039 | Ref | Exxon Univis Hvl (Arctic Package Only) | |
| | 1001204149 | Ref | **Fuel/Water Separater (WIF) Filter Add-on Kit (Deutz D2011 Engines)** | |
| | 1001211931 | Ref | **Generator (4000W/50Hz SkyPower) Add-on Kit (Deutz D2011 Engines)** | |
| | 1001213603 | Ref | **Generator (4000W/60Hz SkyPower) Add-on Kit (Deutz D2011 Engines)** | |
| | 1001116163 | Ref | **Generator (7500W SkyPower) Add-on Kit (Deutz D2011 Engines)** | |
| | | Ref | **Hood (ABS to Steel) Replacement Kits** | |
| | 1001121708 | Ref | Hood Kit (800S with Deutz Engine) | |
| | 1001121709 | Ref | Hood Kit (800S with GM/Caterpillar Engines) | |
| | 1001121710 | Ref | Hood Kit (860SJ with Deutz Engine) | |
| | 1001121711 | Ref | Hood Kit (860SJ with GM/Caterpillar Engines) | |
| | | Ref | **Hose Kits** | |
| | 1001187509 | Ref | Hose Kit - Boom (Upper) (800S) | |
| | 1001187500 | Ref | Hose Kit - Boom (Upper) (860SJ) | |
| | 1001209634 | Ref | Hose Kit - Platform Valve (800S) | |
| | 1001209635 | Ref | Hose Kit - Platform Valve (860SJ) | |
| | 1001121412 | Ref | **Hostile (Extreme) Environment (2WS)** | |
| | 1001204929 | Ref | **Hostile Environment Add-on Kit (800S)** | |
| | 1001241416 | Ref | **Hostile Environment Add-on Kit (860SJ)** | |
| | 1001148971 | Ref | **Lanyard (Bolt-on) Kit Installation** | |
| | | Ref | **Oil Cooler Installations** | |
| | 1001108703 | 1 | Deutz Powered Machines (All Specs) | |
| | 0271939 | 1 | GM Powered Machines (All Specs except Australian and CE Spec) | |
| | 0257728 | Ref | **Pipe Jacks Installations (ANSI Spec 800S/860SJ Only)** | |
| | 0274661 | Ref | **Pipe Jacks Installations (Australian Spec 860SJ Only)** | |
| | | Ref | **Platform Cover Installations** | |

# SECTION 10 - SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258703 | Ref | USA Built Machines | |
| | 1001112821 | Ref | China Built Machines | |
| | 1001110974 | Ref | Curved Cover (All Specs except China and Korean Specs) | |
| | 1001125229 | Ref | Curved Cover (Korean Spec) | |
| | 1001125230 | Ref | Curved Cover (Chinese Spec) | |
| | 1001205175 | Ref | Steel Cover Add-on Kit | |
| | | 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 | **Platform Mesh To Mid Rail Installation (Side Entry Platform)** | |
| | 1001140318 | Ref | **Platform Mesh To Mid Rail Installation 800S/860SJ - 2.5ftx4ft Platforms (ANSI, ANSI Export and Australian Specs)** | |
| | 1001140315 | Ref | **Platform Mesh To Mid Rail Installation 800S/860SJ - 2.5ftx5ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 1001138772 | Ref | **Platform Mesh To Mid Rail Installation 800S/860SJ - 3ftx6ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 1001138773 | Ref | **Platform Mesh To Mid Rail Installation 800S/860SJ - 3ftx8ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | | Ref | **Platform Mesh To Mid Rail Add-on Kit (Side Entry Platform)** | |
| | 1001214478 | Ref | **Kit for 30in x 4ft (76cm x 1.22m) Platform with Gate** | |
| | 1001214515 | Ref | **Kit for 30in x 5ft (76cm x 1.52m) Platform with Gate** | |
| | 1001214540 | Ref | **Kit for 36in x 6ft (91.5cm x 1.83m) Platform with Gate** | |
| | 1001214548 | Ref | **Kit for 36in x 8ft (91.5cm x 2.44m) Platform with Gate** | |
| | | Ref | **Platform Mesh To Top Rail Installation (Side Entry Platform)** | |
| | 0273147 | Ref | **Platform Mesh To Top Rail Installation 800S/860SJ - 2.5ftx4ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 0273146 | Ref | **Platform Mesh To Top Rail Installation 800S/860SJ - 2.5ftx5ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 0273149 | Ref | **Platform Mesh To Top Rail Installation 800S/860SJ - 3ftx6ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 0273145 | Ref | **Platform Mesh To Top Rail Installation 800S/860SJ - 3ftx8ft Platforms (ANSI, ANSI Export and CSA Specs)** | |
| | 1001120532 | Ref | **Platform Mesh To Top Rail Installation 800S - 3ftx8ft Platforms (With Fall Arrest) (ANSI Export Specs)** | |
| | 1702868 | Ref | Decal - No Hands (ANSI Spec) | |
| | 1704000 | Ref | Decal - No Hands (CSA Spec) | |
| | | Ref | **Platform Mesh To Top Rail Add-on Kit (Side Entry Platform)** | |
| | 1001214552 | Ref | **Kit for 30in x 4ft (76cm x 1.22m) Platform with Gate** | |
| | 1001214559 | Ref | **Kit for 30in x 5ft (76cm x 1.52m) Platform with Gate** | |
| | 1001214561 | Ref | **Kit for 36in x 6ft (91.5cm x 1.83m) Platform with Gate** | |
| | 1001214562 | Ref | **Kit for 36in x 8ft (91.5cm x 2.44m) Platform with Gate** | |
| | 1001149730 | Ref | **Platform Mid Rail Repair Kit** | |
| | | Ref | **Platform Top Rail Extension Installations** | |
| | 0272733 | 1 | Platform 6ft (1.83m) | |
| | 0272725 | 1 | Platform 8ft (2.44m) | |
| | 1001177328 | Ref | **Power Track Mounting Block Repair Kit** | |
| | 1001100121 | Ref | **Programmable Security Lock Installation (CE Spec Only)** | |
| | 1001162546 | Ref | **Pump Coupling Service Kit (Deutz D2011 Engines)** | |
| | 1001139944 | Ref | **Pump Mounting Bracket Kit (Sauer Danfoss)** | |
| | | Ref | **Sky Accessory:** | |
| | 0273596 | Ref | SkyAir Compressor Installation (ANSI, ANSI Export and CSA Specs) | |
| | 1001098149 | Ref | SkyCutter Plasma Cutter (All Specs except Australian and CE Spec) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273353 | Ref | SkyCutter/SkyWelder Combo (ANSI, ANSI Export and CSA Specs) | |
| | 1001101422 | Ref | SkyGlazier (ANSI and CSA Specs) | |
| | 1001099421 | Ref | SkyGlazier (ANSI Export Spec 800S Only) (Spanish) | |
| | 1001099422 | Ref | SkyGlazier (ANSI Export Spec 800S Only) (Portuguese) | |
| | 1001115398 | Ref | SkyPower - 7500W 60Hz (Caterpillar Engine) (ANSI and CSA Specs) | |
| | 1001115400 | Ref | SkyPower - 7500W 50Hz (Caterpillar Engine) (All Specs except ANSI and CSA Specs) | |
| | 1001115388 | Ref | SkyPower - 7500W 60Hz (Deutz Engine) (ANSI and CSA Specs) | |
| | 1001115394 | Ref | SkyPower - 7500W 50Hz (Deutz Engine) (All Specs except ANSI and CSA Specs) | |
| | 0275257 | Ref | SkyPower - 7500W 60Hz (GM Engine) (ANSI and CSA Specs) | |
| | 0272254 | Ref | SkyWelder - Stick, 250A (All Specs except CE Spec) | |
| | 0272521 | Ref | SkyWelder - Stick, 250A (CE Spec Only) | |
| | | Ref | **Note: For Breakdown of Sky Accessories Refer to Accessory Manual p/n 3124242** | |
| | | Ref | **SkyGuard Component Options:** | |
| | 1001143669 | NLA | SkyGuard Complete Add-on Kit (Blue Beacon) (UGM Machines) (Use p/n 1001206477) | |
| | 1001206477 | Ref | SkyGuard Complete Add-on Kit (Blue Beacon) (UGM Machines) | |
| | 1001137672 | Ref | SkyGuard Platform Sensor Kit (UGM Machines) | |
| | 1001137440 | 1 | SkyGuard Sensor Harness | |
| | 1001186431 | 2 | Relay | |
| | 1001143256 | NLA | SkyGuard Blue Beacon Kit (Use p/n 1001206311) | |
| | 1001206311 | Ref | SkyGuard Blue Beacon Kit | |
| | 1001210025 | Ref | SkyGuard Red Beacon Kit | |
| | 1001116163 | Ref | **SkyPower Kit, Deutz 7500W (800S Only)** | |
| | 1001110926 | Ref | **Soft Touch (Overhead) Installation (Chinese/Korean Specs Only)** | |
| | 1001125393 | Ref | **Soft Touch (Overhead) Kit (Chinese/Korean Specs Only)** | |
| | | Ref | **Strobe Light Installations (Amber)** | |
| | 1001152965 | Ref | **Platform Mounted** | |
| | 1001154231 | Ref | **Platform/Ground Mounted** | |
| | 1001228357 | Ref | **Telematics Retrofit Harness Kit (Machines with UGM)** | |
| | 1001184931 | Ref | **Telescope Cylinder Service Kit** | |
| | 0272325 | Ref | **Tire Sealant Installation (ANSI Spec Only)** | |
| | 0272312 | Ref | **Tire Sealant Decal Installation** | |
| | 2902203 | 1 | Kit, Tire Sealant Decal | |
| | | 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) | |
| | 7002822 | 1 | Screwdriver, Potentiometer (To Adjust Drive Controllers) | |
| | 7016654 | 1 | Screwdriver, Magnetic | |
| | 7004275 | 1 | Seal Installation Tool - 1in | |
| | 7004276 | 1 | Seal Installation Tool - 1-1/2in | |
| | 7002826 | 1 | Seal Installation Tool - 2in | |

# SECTION 10 - SPECIAL OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7016655 | 1 | Wire Rope Sheave Gauge | |
| | 1001137005 | 1 | Software Cable Kit | |
| | 2915094 | Ref | **Turntable Bearing Kit** | |
| | 0258918 | Ref | **Utility Rack Installation** | |
| | | Ref | **Weld Leads at Platform Installations** | |
| | 0271487 | Ref | **Weld Leads at Platform Installations 800S** | |
| | 0271488 | Ref | **Weld Leads at Platform Installations 860SJ** | |

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