



A TEREX BRAND

## ***Parts Manual***

Serial Number Range

***Z-30/20 N***  
***Z-30/20 N RJ***

from SN Z30N15D-101 to  
Z30N16D-199

from SN Z30ND-200

Part No. 1285596GT  
Rev: A21  
May 2026

---

## Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

---

## Contact Us:

Internet: [www.genielift.com](http://www.genielift.com)  
e-mail: [awp.techpub@terex.com](mailto:awp.techpub@terex.com)

---

## Find a Manual for this Model

Go to <http://www.genielift.com>

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

---

Copyright © 2017 by Terex Corporation

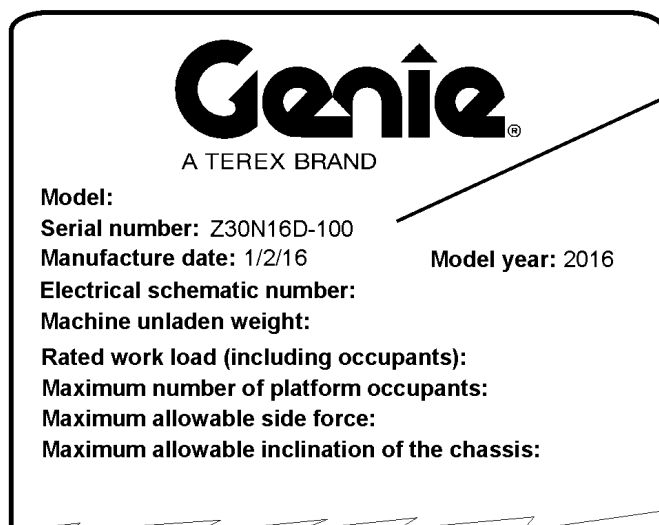
1285596 Rev A21 May 2026  
First Edition, First Printing

Genie is a registered trademark of Terex South Dakota, Inc. in the USA and many other countries. "Z" is a trademark of Terex South Dakota, Inc.



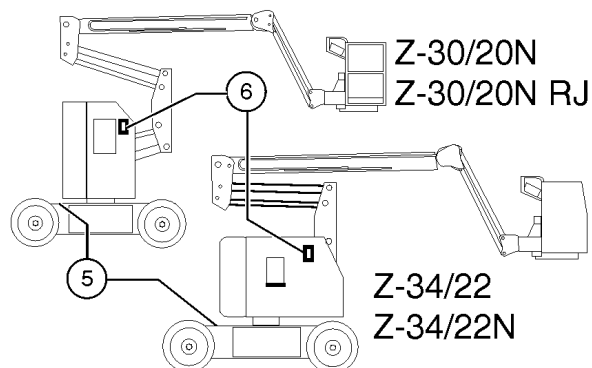
Printed on recycled paper

To August 31, 2016



**Z30N** **16** **D - 100**

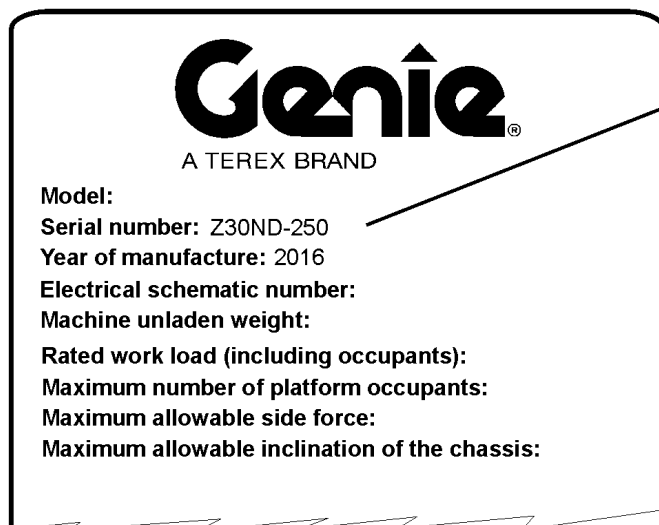
1 2 3 4



- 1 Model
- 2 Model year
- 3 Facility code

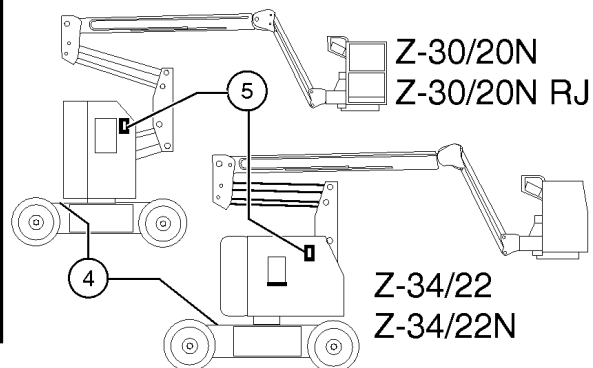
- 4 Sequence number
- 5 Serial number (stamped on chassis)
- 6 Serial label (located under cover)

From September 1, 2016



**Z30N** **D - 250**

1 2 3



- 1 Model
- 2 Facility code
- 3 Sequence number

- 4 Serial number (stamped on chassis)
- 5 Serial label (located under cover)

## How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

## Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

### North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email [AWP.PartsSalesPO@terex.com](mailto:AWP.PartsSalesPO@terex.com)

<http://genielift.com/en>

### EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

### Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

### Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

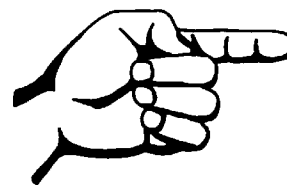
<http://genielift.com.au>

### South America

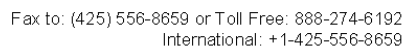
Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630

Please refer to section 001 for the Recommended Spare  
Parts List.



This page intentionally left blank.



|                             |                         |
|-----------------------------|-------------------------|
| Date _____                  | Account Number _____    |
| Your Name _____             | Your Fax Number _____   |
| _____                       | Your Phone Number _____ |
| Bill To _____               | Ship To _____           |
| _____                       | _____                   |
| _____                       | _____                   |
| _____                       | _____                   |
| Purchase Order Number _____ | Ship Via _____          |

Optional Equipment \_\_\_\_\_

[illegible]

☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

| <b>Description</b>                                                    | <b>Page</b> |
|-----------------------------------------------------------------------|-------------|
| <b>001 Parts Stocking List .....</b>                                  | <b>10</b>   |
| 001.1 Parts Stocking List .....                                       | 10          |
| <b>100 Decals .....</b>                                               | <b>12</b>   |
| 101.1 Decals with Word, Chassis/Battery Box (ANSI & Australia) .....  | 12          |
| 102.1 Decals with Word, Turntable Covers (ANSI & Australia) .....     | 14          |
| 103.1 Decals with Word, Boom (ANSI & Australia) .....                 | 16          |
| 104.1 Decals with Word, Platform (ANSI & Australia) .....             | 18          |
| 105.1 Decals with Symbol, Chassis/Battery Box (ANSI & CE) .....       | 20          |
| 106.1 Decals with Symbol, Turntable Covers (ANSI & CE) .....          | 22          |
| 107.1 Decals with Symbol, Boom (ANSI & CE) .....                      | 24          |
| 108.1 Decals with Symbol, Platform (ANSI & CE) .....                  | 26          |
| 109.1 Decals with Word, Chassis/Battery Box, From Sep 1, 2020 .....   | 28          |
| 110.1 Decals with Word, Turntable Covers, From Sep 1, 2020 .....      | 30          |
| 111.1 Decals with Word, Boom, From Sep 1, 2020 .....                  | 32          |
| 112.1 Decals with Word, Platform, From Sep 1, 2020 .....              | 34          |
| 113.1 Decals with Symbol, Chassis/Battery Box, From Sep 1, 2020 ..... | 36          |
| 114.1 Decals with Symbol, Turntable Covers, From Sep 1, 2020 .....    | 38          |
| 115.1 Decals with Symbol, Boom, From Sep 1, 2020 .....                | 40          |
| 116.1 Decals with Symbol, Platform, From Sep 1, 2020 .....            | 42          |
| <b>200 Chassis Components .....</b>                                   | <b>44</b>   |
| 201.1 Steer Axle Linkage, Wheels and Hubs .....                       | 44          |
| 202.1 Non-steer Axle .....                                            | 48          |
| 203.1 Battery Charger .....                                           | 52          |
| 204.1 Battery Packs .....                                             | 54          |
| 205.1 Electronic Control Module .....                                 | 58          |
| 206.1 Power Cable Diagram .....                                       | 62          |
| <b>300 Turntable Components .....</b>                                 | <b>64</b>   |
| 301.1 Turntable Rotator .....                                         | 64          |
| 302.1 Ground Controls Side .....                                      | 68          |
| 302.2 Ground Controls Side .....                                      | 72          |
| 303.1 Ground Control Panel .....                                      | 74          |
| 304.1 Power Unit Side .....                                           | 78          |
| 305.1 Turntable Covers .....                                          | 82          |
| 306.1 Wire Harness Diagram .....                                      | 86          |
| <b>400 Boom Components, Z30/20N (Non-Rotating Jib) .....</b>          | <b>90</b>   |
| 401.1 Secondary Boom - View 1 .....                                   | 90          |
| 402.1 Secondary Boom - View 2 .....                                   | 96          |

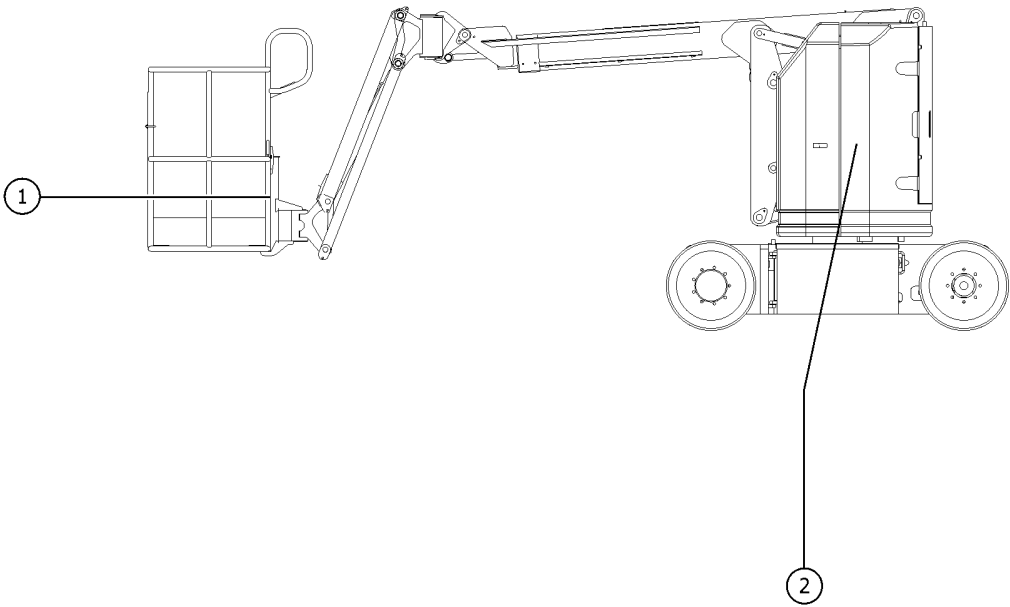
## Table of Contents

| <b>Description</b>                                            | <b>Page</b> |
|---------------------------------------------------------------|-------------|
| 403.1 Upper Pivot .....                                       | 98          |
| 404.1 Primary and Extension Booms .....                       | 100         |
| 405.1 Cable Track .....                                       | 104         |
| 406.1 Jib Boom and Platform Rotator .....                     | 106         |
| <b>500 Boom Components, Z-30/20N RJ (Rotating Jib) .....</b>  | <b>110</b>  |
| 501.1 Primary Boom Wear Pads .....                            | 110         |
| 502.1 Primary and Extension Booms .....                       | 112         |
| 503.1 Rotating Jib Boom Assembly .....                        | 116         |
| 504.1 Secondary Boom - View 1 .....                           | 120         |
| 505.1 Secondary Boom - View 2 .....                           | 124         |
| 506.1 Cable Track .....                                       | 126         |
| 507.1 Mid Pivot .....                                         | 128         |
| <b>600 Platform Components .....</b>                          | <b>130</b>  |
| 601.1 Platform .....                                          | 130         |
| 602.1 Platform Controls - External View .....                 | 136         |
| 603.1 Platform Controls - Internal View .....                 | 140         |
| 604.1 Joystick Controller .....                               | 144         |
| 605.1 Rotational Controller .....                             | 146         |
| <b>700 Manifolds .....</b>                                    | <b>148</b>  |
| 701.1 Function Manifold .....                                 | 148         |
| 702.1 Jib Boom Manifolds .....                                | 158         |
| <b>800 Hydraulic Hoses and Fittings .....</b>                 | <b>160</b>  |
| 801.1 Drive Chassis and Turntable Components .....            | 160         |
| 802.1 Boom Components .....                                   | 164         |
| <b>900 Accessories .....</b>                                  | <b>166</b>  |
| 901.1 Flashing Beacon .....                                   | 166         |
| 902.1 Air Line to Platform .....                              | 168         |
| 903.1 Platform Options - View 1 .....                         | 170         |
| 904.1 Platform Options - View 2 .....                         | 174         |
| 905.1 Platform Overload .....                                 | 176         |
| 906.1 Inverter Option, 120V .....                             | 178         |
| 907.1 Drive Light Option .....                                | 180         |
| 908.1 Work Light Option .....                                 | 182         |
| 909.1 Aircraft Protection .....                               | 184         |
| 910.1 Auxiliary Rail Assembly .....                           | 188         |
| 911.1 Hostile Environment - Z30N Primary Boom Wipers .....    | 190         |
| 912.1 Hostile Environment - Z30N RJ Primary Boom Wipers ..... | 192         |

| Description                                              | Page |
|----------------------------------------------------------|------|
| 913.1 Hostile Environment - Cylinder Bellows .....       | 194  |
| 914.1 Operators Protection Alarm (to January 2017) ..... | 196  |
| 914.2 Lift Guard Contact Alarm (from January 2017) ..... | 198  |
| 915.1 Charger Protector .....                            | 202  |
| 916.1 Telematics Option .....                            | 204  |
| 916.2 China Telematics Option, TZ200, STD .....          | 206  |
| 917.1 ACCESS MANAGER OPTION .....                        | 208  |
| 918.1 Power To Platform OPTION .....                     | 210  |
| 919.1 White Noise Alarm option .....                     | 212  |
| 920.1 Secondary guarding option .....                    | 214  |
| Part Number Index .....                                  | 216  |

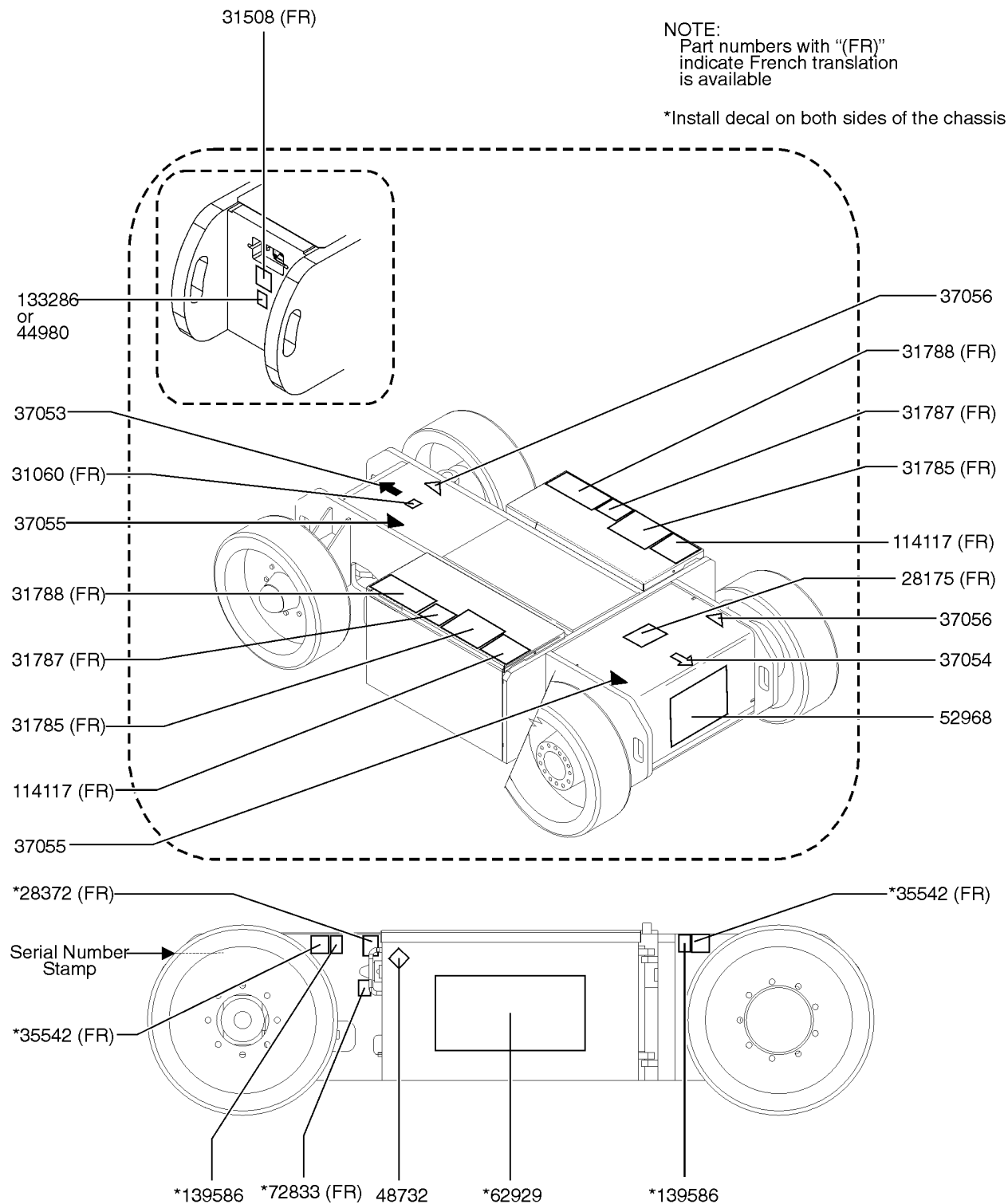


001.1 Parts Stocking List



| Item | Part No.  | Description                                              | Qty. |
|------|-----------|----------------------------------------------------------|------|
| A    |           | — GENERAL SERVICE PARTS —                                |      |
| A-   | 1484GT    | PAINT, AEROSOL, BRIGHT BLUE***<br>12-ounce spray paint   |      |
| A-   | 1268GT    | PAINT, AEROSOL, GENIE GRAY***<br>12-ounce spray paint    |      |
| A-   | 1258567GT | PAINT, AEROSOL, TRAFFIC BLACK<br>12-ounce spray paint    |      |
| A-   | 32150GT   | PAINT, WET, GENIE BLUE (1 GL)**<br>1-gallon              |      |
| A-   | 32151GT   | PAINT, WET, GENIE GRAY (1GL)**<br>1-gallon               |      |
| A-   | 1257733GT | PAINT, WET, TRAFFIC BLACK(1 GL)**<br>1-gallon            |      |
| A-   | 66399GT   | GREASE, DIELECTRIC 4 OZ**                                |      |
| A-   | 1283776GT | SEAL MARKER,CROSS CHECK,BLUE,TUBE                        |      |
| A-   | 93500GT   | PARKER DIGITAL PRESSURE GAUGE                            |      |
| A-   | 49612GT   | O-RING KIT (ORFS FITTINGS)<br>O-ring kit, ORFS           |      |
| A-   | 49613GT   | PLUG AND CAP KIT-SERVICE,ORFS*<br>Plug and cap kit, ORFS |      |
| A-   | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD*<br>O-ring kit, SAE        |      |
| A-   | 33994GT   | PLUG AND CAP KIT-SERVICE,37?***<br>Plug and cap kit, SAE |      |
| A-   | 36555GT   | CHOCK,CYLINDER (SERVICE TOOL)                            |      |
| 1    |           | — MANUALS —                                              |      |
| 1-   | 27581GT   | MANUAL, EMI SAFETY                                       |      |
| 1-   | 1298933GT | MANUAL, SAIA MANUAL OF RESPONSIBILITIES, MEWP            |      |
| 2    |           | — HYD FILTERS —                                          |      |
| 2-   | 44788GT   | FILTER ELEMENT-10MICRON, PAPER*                          |      |

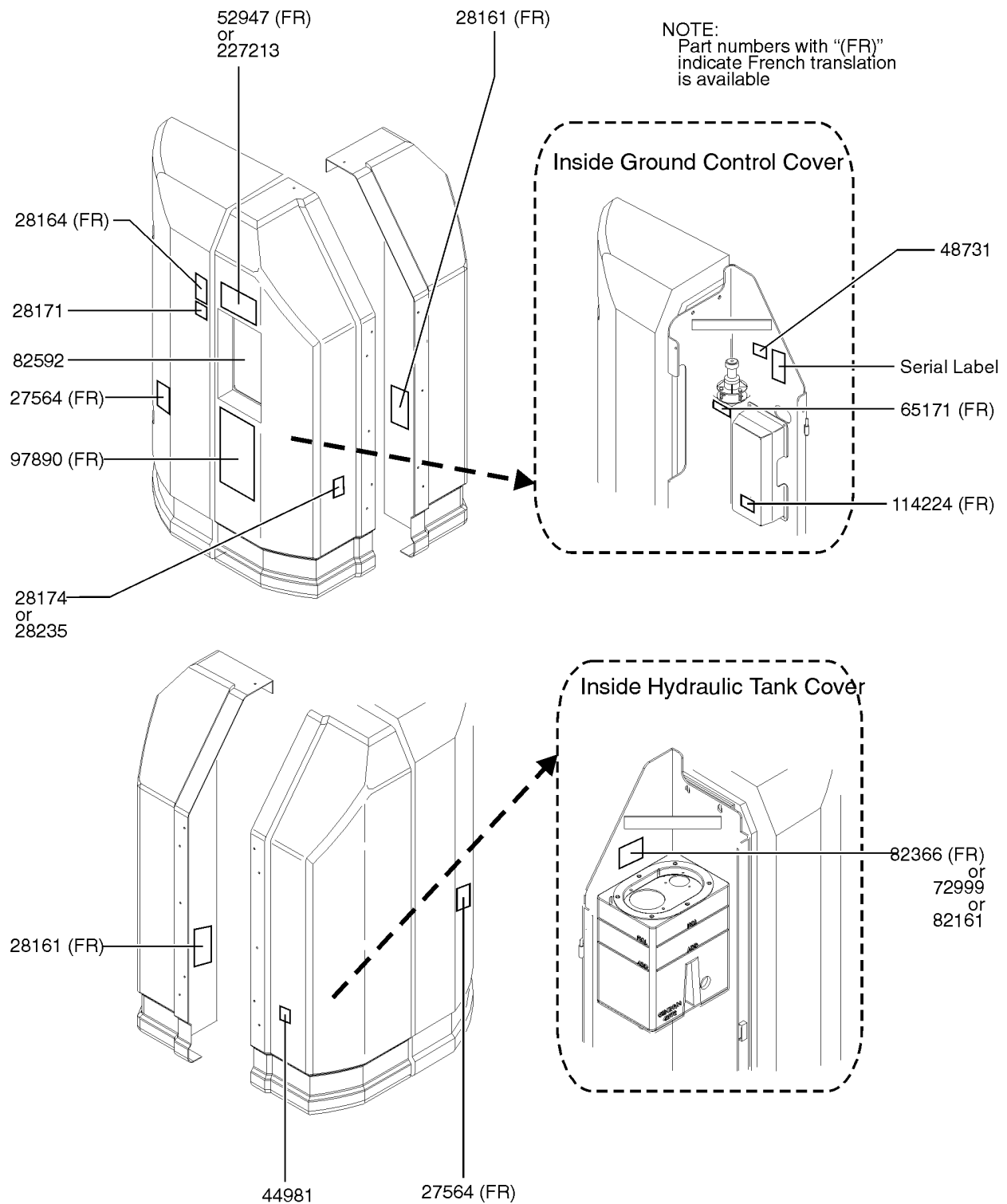
## 101.1 Decals with Word, Chassis/Battery Box (ANSI &amp; Australia)



## 101.1 Decals with Word, Chassis/Battery Box (ANSI &amp; Australia)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                      | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------|-------------|
| 1           | 28175GT         | DECAL,WARNING-COMPART ACCESS .....                      | 1           |
| 2           | 28372GT         | DECAL,NOTICE,BATTERY CABLES .....                       | 2           |
| 3           | 31060GT         | DECAL,DANGER DO NOT ALTER SWTC .....                    | 1           |
| 4           | 31508GT         | DECAL,DANGER,ELECT HAZARD,PLUG .....                    | 1           |
| 5           | 31785GT         | DECAL,NOTICE,CHARGER INSTRUC .....                      | 2           |
| 6           | 31787GT         | DECAL,DANGER,TIP-OVER BATTERY .....                     | 2           |
| 7           | 31788GT         | DECAL,DANGER,BATTERY SAFETY*** .....                    | 2           |
| 8           | 35542GT         | DECAL,NOTICE,LUG NUT TORQUE*** .....                    | 4           |
| 9           | 37053GT         | DECAL,ARROW,BLUE .....                                  | 1           |
| 10          | 37054GT         | DECAL,ARROW,YELLOW SM 5-3/8" .....                      | 1           |
| 11          | 37055GT         | DECAL,TRIANGLE,BLUE .....                               | 2           |
| 12          | 37056GT         | DECAL,TRIANGLE,YELLOW .....                             | 2           |
| 13          | 44980GT         | DECAL, LABEL, PWR TO CHARGER 115 UK<br>option, EE ..... | 1           |
| 15          | 52968GT         | DECAL,COSMETIC,GENIE BOOM,VERT .....                    | 1           |
| 16          | 62929GT         | DECAL,COSM,GENIE Z-30/20N(BOX) .....                    | 2           |
| 17          | 72833GT         | DECAL,LABEL,OPEN,LATCH .....                            | 2           |
| 18          | 114117GT        | DECAL,BATT CONN DIAGRAM .....                           | 2           |
| 19          | 133286GT        | DECAL, POWER TO CHARGER, UNIV .....                     | 1           |
| 20          | 139586GT        | DECAL,LABEL,WHEEL LOAD Z30N&RJ .....                    | 4           |

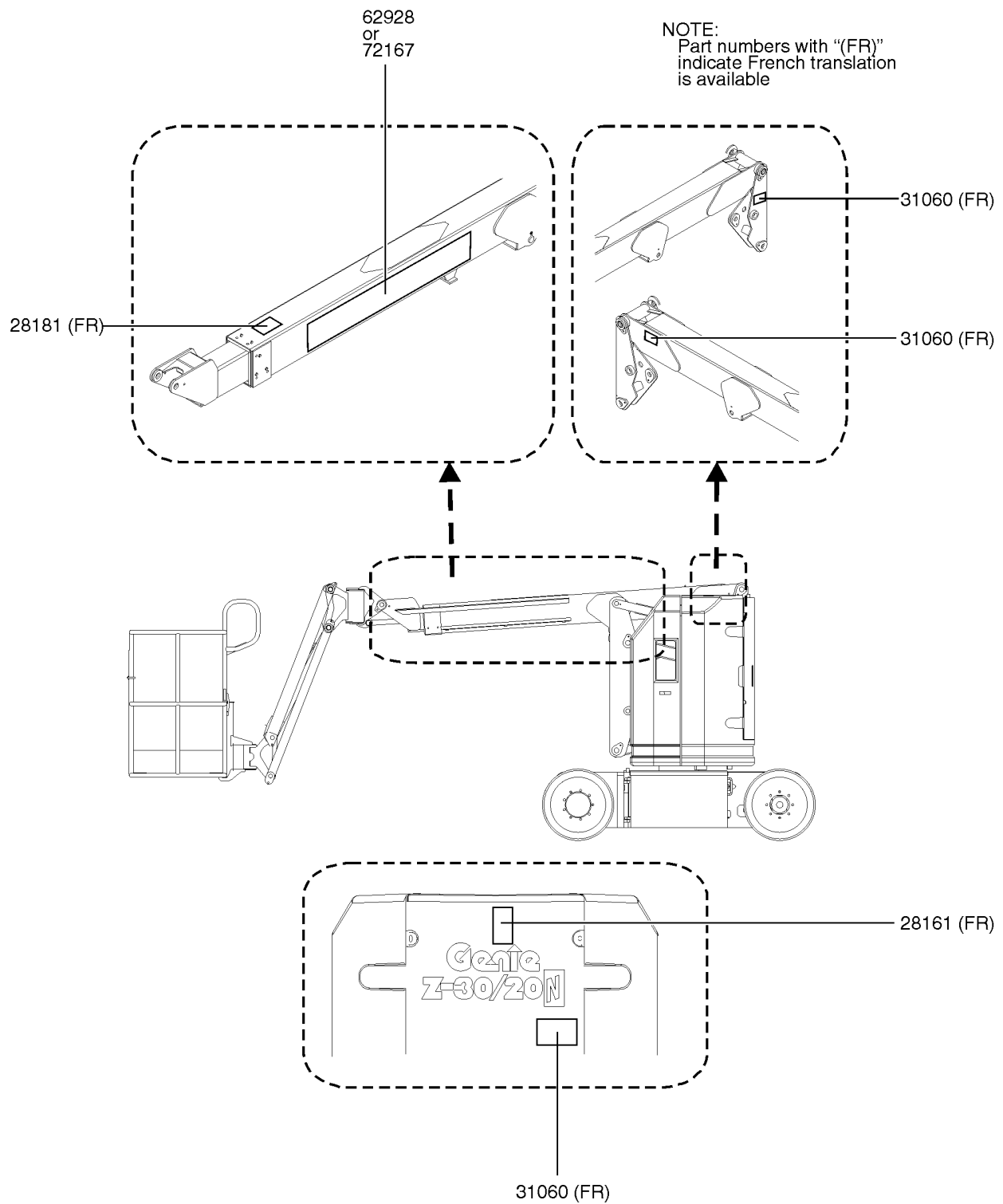
## 102.1 Decals with Word, Turntable Covers (ANSI &amp; Australia)



## 102.1 Decals with Word, Turntable Covers (ANSI &amp; Australia)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 27564GT         | DECAL,DANGER,ELEC.HAZ.STAY CLR .....  | 2           |
| 2           | 28161GT         | DECAL,WARN,CRUSH HAZARD HAND .....    | 2           |
| 3           | 28164GT         | DECAL,NOTICE,HAZARDOUS MAT'LS* .....  | 1           |
| 4           | 28171GT         | DECAL,DANGER,NO SMOKING *** .....     | 1           |
| 5           | 28174GT         | DECAL, POWER TO PLATFORM 230V** ..... | 1           |
| 6           | 28235GT         | DECAL, POWER TO PLATFORM 115V** ..... | 1           |
| 7           | 44981GT         | DECAL,LABEL, AIR LINE 110 PSI .....   | 1           |
|             |                 | option, air line to platform          |             |
| 9           | 52947GT         | DECAL,OPERATING INSTR,GROUND .....    | 1           |
|             |                 | ANSI                                  |             |
| 10          | 65171GT         | DECAL,LABEL,CB & STATUS LIGHT .....   | 1           |
| 11          | 72999GT         | DECAL,LABEL,PETRO CANADA*** .....     | 1           |
|             |                 | option, hydraulic oil                 |             |
| 12          | 82161GT         | DECAL,LABEL,UCON HYDROLUBE .....      | 1           |
|             |                 | option, hydraulic oil                 |             |
| 13          | 82366GT         | DECAL, LABEL - CHEVRON RANDO .....    | 1           |
|             |                 | option, hydraulic oil                 |             |
| 14          | 82592GT         | DECAL,GROUND CONTROL PANEL *** .....  | 1           |
| 15          | 97890GT         | DECAL,DANGER,GEN SAFETY RULES .....   | 1           |
| 16          | 114224GT        | DECAL,LABEL,RELAYS,Z30N,Z34NDC .....  | 1           |
| 17          | 227213GT        | DECAL,OPER INST,DC BOOM GND AU .....  | 1           |
|             |                 | AUS                                   |             |

## 103.1 Decals with Word, Boom (ANSI &amp; Australia)

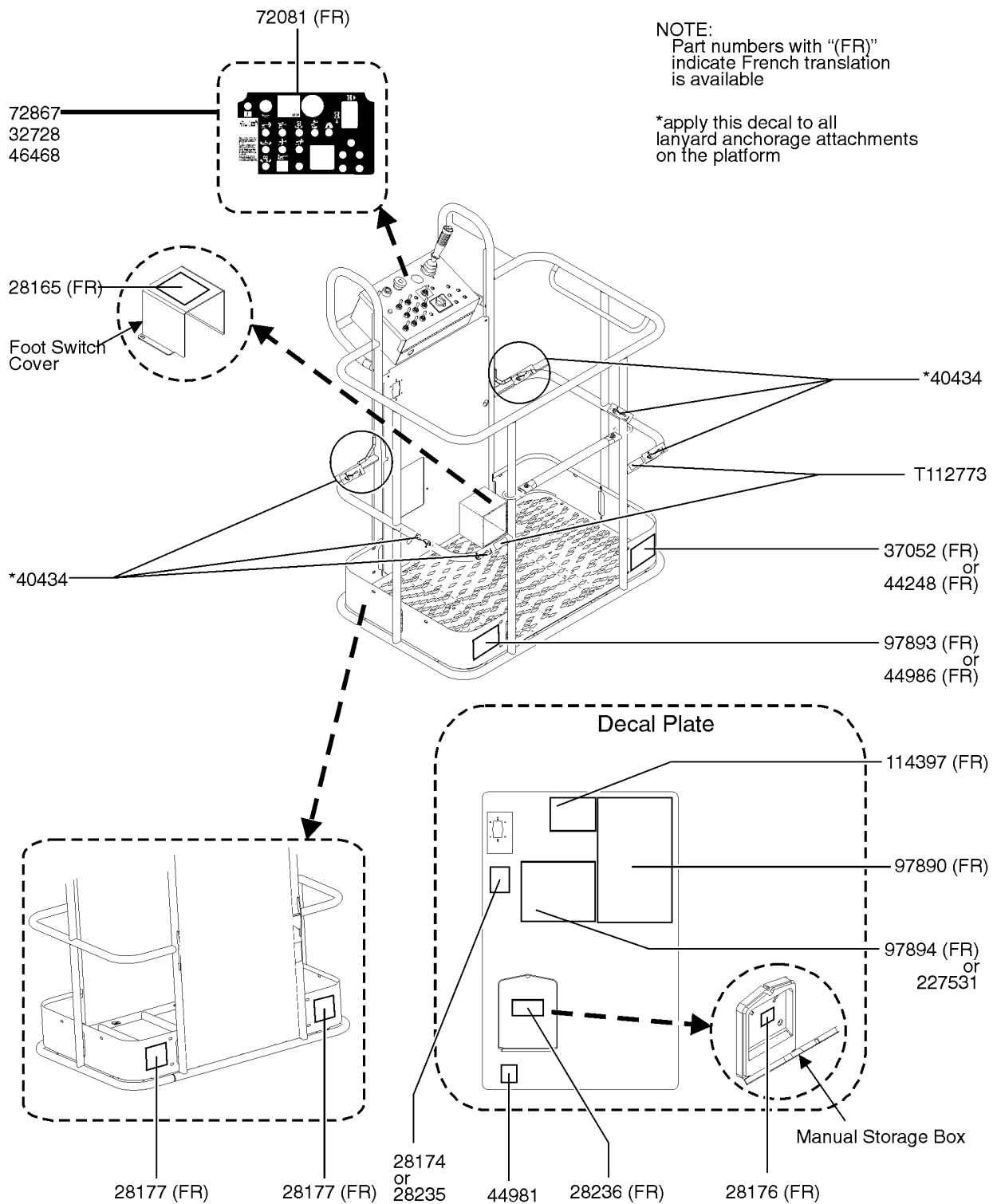


103.1 Decals with Word, Boom (ANSI & Australia)

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 28161GT  | DECAL,WARN,CRUSH HAZARD HAND .....   | 1    |
| 2    | 28181GT  | DECAL,WARN,FALL HAZARD .....         | 1    |
| 3    | 31060GT  | DECAL,DANGER DO NOT ALTER SWTC ..... | 3    |
| 4    | 62928GT  | DECAL,COSMETIC,GENIE Z-30/20N .....  | 1    |
| 5    | 72167GT  | DECAL,COSMETIC,GENIE Z30/20NRJ ..... | 1    |



## 104.1 Decals with Word, Platform (ANSI &amp; Australia)

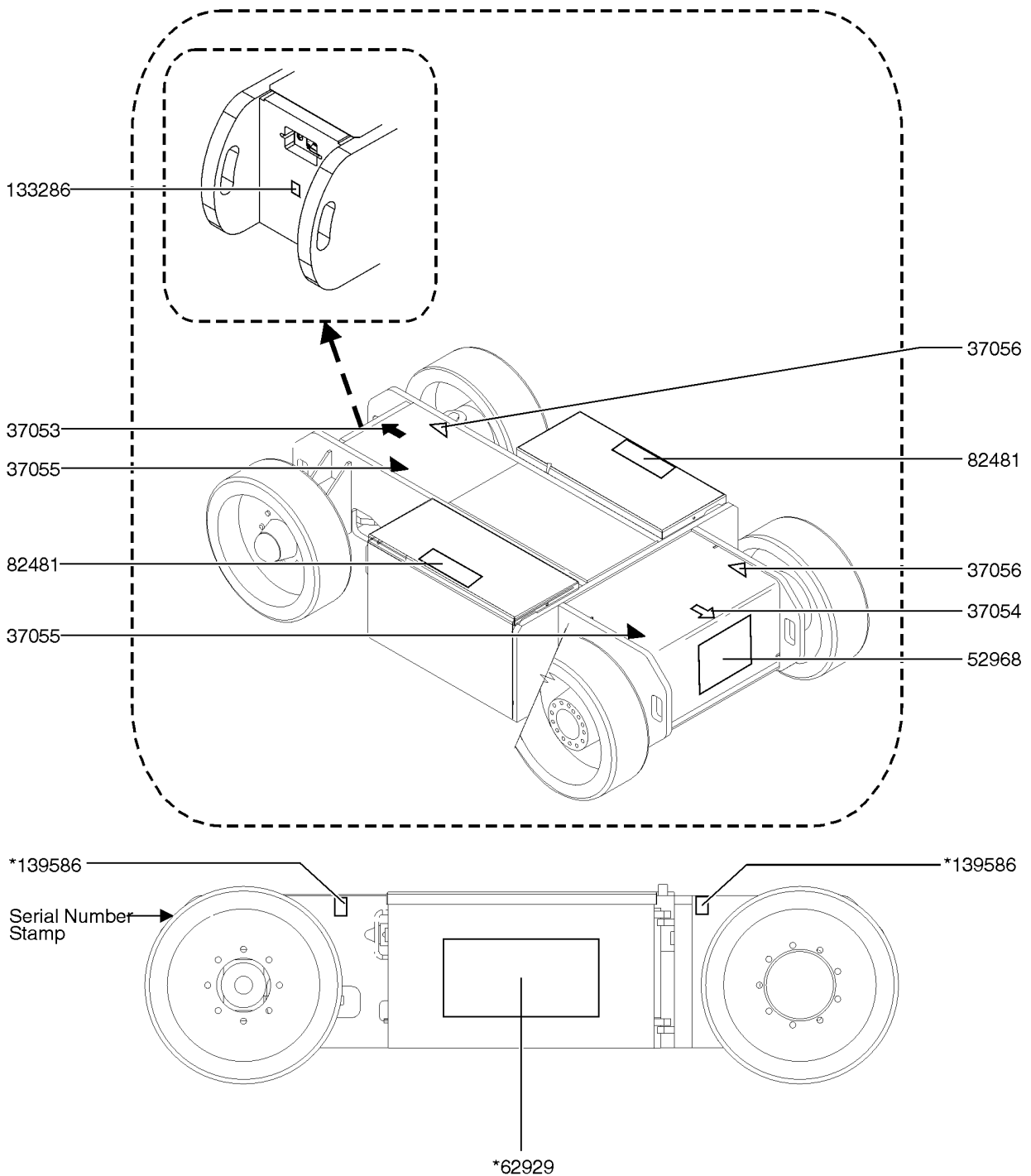


## 104.1 Decals with Word, Platform (ANSI &amp; Australia)

| Item | Part No.  | Description                                                        | Qty. |
|------|-----------|--------------------------------------------------------------------|------|
| 1    | 28165GT   | DECAL,INSTRUCT,FOOTSWITCH OPER .....                               | 1    |
| 2    | 28174GT   | DECAL, POWER TO PLATFORM 230V** .....                              | 1    |
| 3    | 28176GT   | DECAL,LABEL,MANUAL NOT HERE .....                                  | 1    |
| 4    | 28177GT   | DECAL,WARN,CRUSH HAZARD PLAT .....                                 | 2    |
| 5    | 28235GT   | DECAL, POWER TO PLATFORM 115V** .....                              | 1    |
| 6    | 28236GT   | DECAL,WARN,IMPROPER OPERATION .....                                | 1    |
| 7    | 32728GT   | DECAL,OPTION GENERATOR***<br>option, inverter .....                | 1    |
| 8    | 37052GT   | DECAL,NOTICE,MAX LOAD 500 LBS .....                                | 1    |
| 9    | 40434GT   | DECAL,LANYARD ANCHORAGE POINT .....                                | 6    |
| 10   | 44248GT   | DECAL,NOTICE,MAX CAP 440 LBS<br>option, aircraft protection .....  | 1    |
| 11   | 44981GT   | DECAL,LABEL, AIR LINE 110 PSI<br>option, airline to platform ..... | 1    |
| 12   | 44986GT   | DECAL,INSTR,SIDE FRC/WIND,AUS<br>AUS .....                         | 1    |
| 13   | 46468GT   | DECAL,FUNCTION OVERRIDE<br>option, aircraft protection .....       | 1    |
| 14   | 72081GT   | DECAL,PLATFORM CONTROL PANEL** .....                               | 1    |
| 15   | 72867GT   | DECAL,LABEL,LIGHTS***<br>option, work lights .....                 | 1    |
| 16   | 97890GT   | DECAL,DANGER,GEN SAFETY RULES .....                                | 1    |
| 17   | 97893GT   | DECAL,NOTICE,SIDE FRC/WINDANSI<br>ANSI .....                       | 1    |
| 18   | 97894GT   | DECAL,NOTICE,OPER INST PLAT,DC<br>ANSI .....                       | 1    |
| 19   | 114397GT  | DECAL,DANGER,TILT ALARM .....                                      | 1    |
| 20   | 227531GT  | DECAL, OPERATING INSTRUCTIONS<br>AUS .....                         | 1    |
| 21   | T112773GT | TAPE, PROTECTIVE MASK .....                                        | 2    |

## 105.1 Decals with Symbol, Chassis/Battery Box (ANSI &amp; CE)

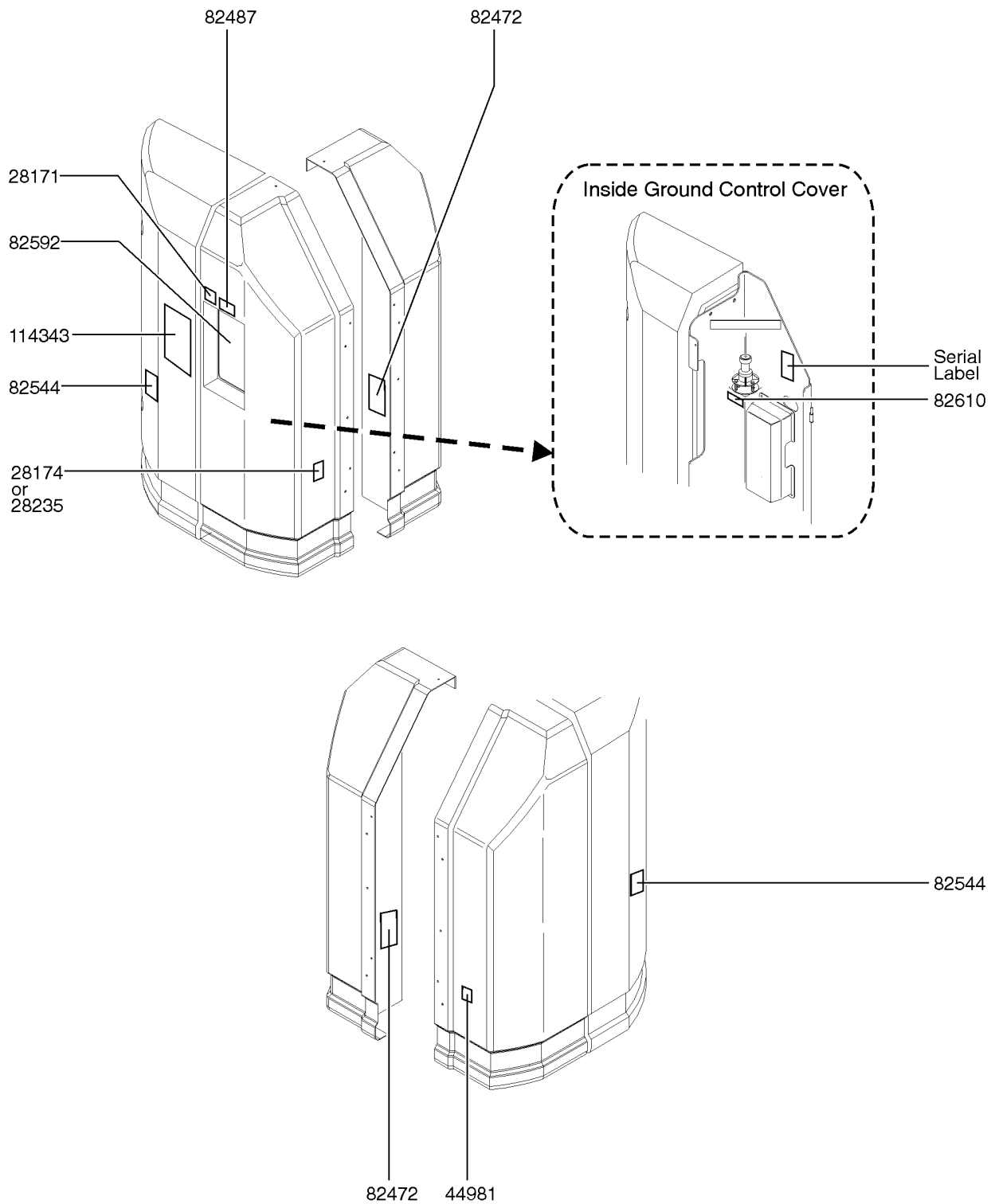
NOTE:  
\*Install decal on both sides of the chassis



## 105.1 Decals with Symbol, Chassis/Battery Box (ANSI &amp; CE)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 37053GT         | DECAL,ARROW,BLUE .....               | 1           |
| 2           | 37054GT         | DECAL,ARROW,YELLOW SM 5-3/8" .....   | 1           |
| 3           | 37055GT         | DECAL,TRIANGLE,BLUE .....            | 2           |
| 4           | 37056GT         | DECAL,TRIANGLE,YELLOW .....          | 2           |
| 5           | 52968GT         | DECAL,COSMETIC,GENIE BOOM,VERT ..... | 1           |
| 6           | 62929GT         | DECAL,COSM,GENIE Z-30/20N(BOX) ..... | 2           |
| 7           | 82481GT         | DECAL SYMBOL BATTERY SAFETY .....    | 2           |
| 8           | 133286GT        | DECAL, POWER TO CHARGER, UNIV .....  | 1           |
| 9           | 139586GT        | DECAL,LABEL,WHEEL LOAD Z30N&RJ ..... | 4           |

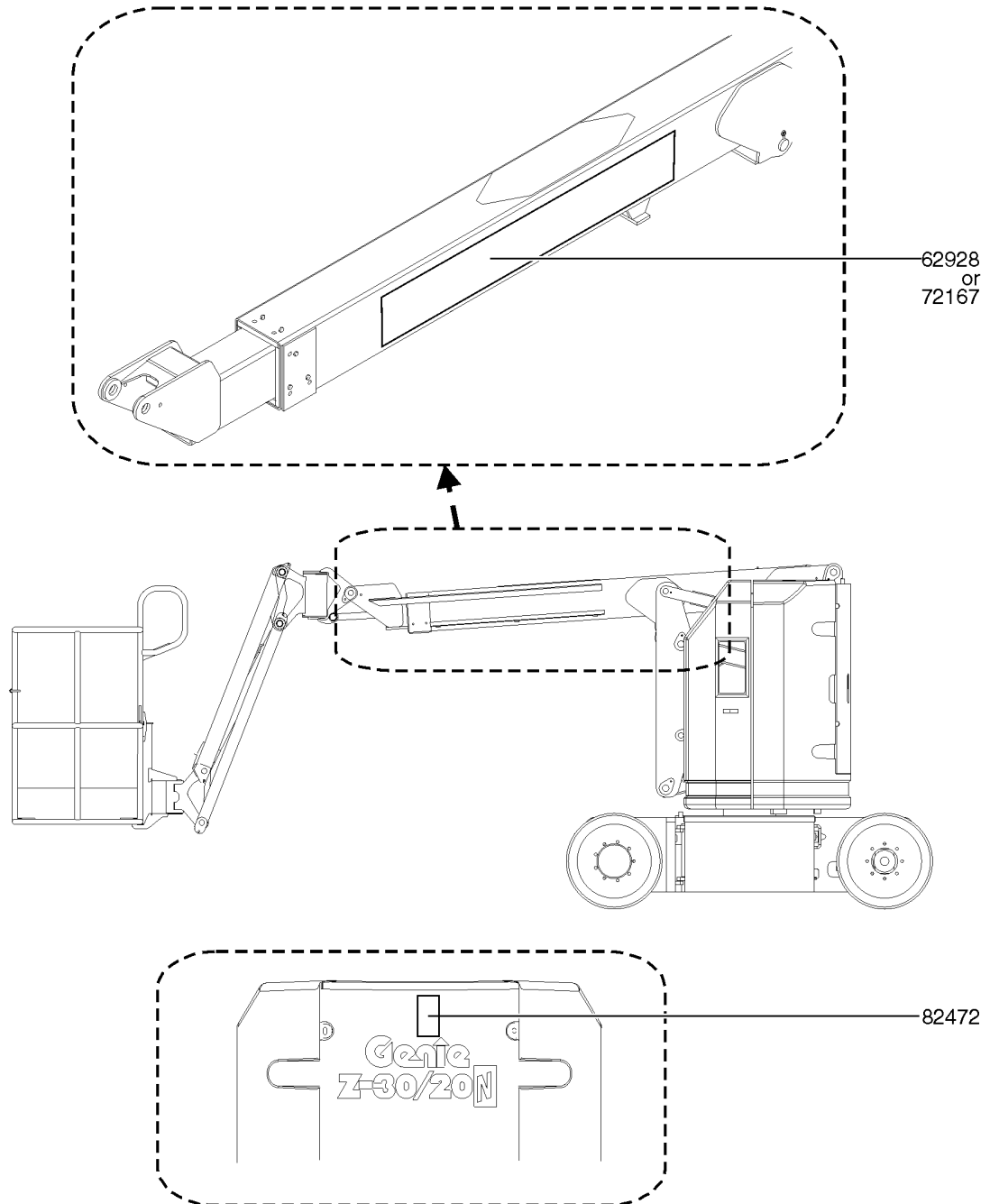
106.1 Decals with Symbol, Turntable Covers (ANSI & CE)



## 106.1 Decals with Symbol, Turntable Covers (ANSI &amp; CE)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 28171GT         | DECAL,DANGER,NO SMOKING *** .....     | 1           |
| 2           | 28174GT         | DECAL, POWER TO PLATFORM 230V** ..... | 1           |
| 3           | 28235GT         | DECAL, POWER TO PLATFORM 115V** ..... | 1           |
| 4           | 44981GT         | DECAL,LABEL, AIR LINE 110 PSI .....   | 1           |
|             |                 | option, airline to platform           |             |
| 5           | 82472GT         | DECAL,WARNING,CRUSHING HAZARD .....   | 2           |
| 6           | 82487GT         | DECAL, SYMBOL - READ THE MANUAL ..... | 1           |
| 7           | 82544GT         | DECAL,DANGER,ELEC.HAZ.STAY CLR .....  | 2           |
| 8           | 82592GT         | DECAL,GROUND CONTROL PANEL *** .....  | 1           |
| 9           | 82610GT         | DECAL,LABEL,CB & STATUS LIGHT .....   | 1           |
| 10          | 114343GT        | DECAL,LABEL,EMERGENCY DOWN .....      | 1           |

## 107.1 Decals with Symbol, Boom (ANSI &amp; CE)

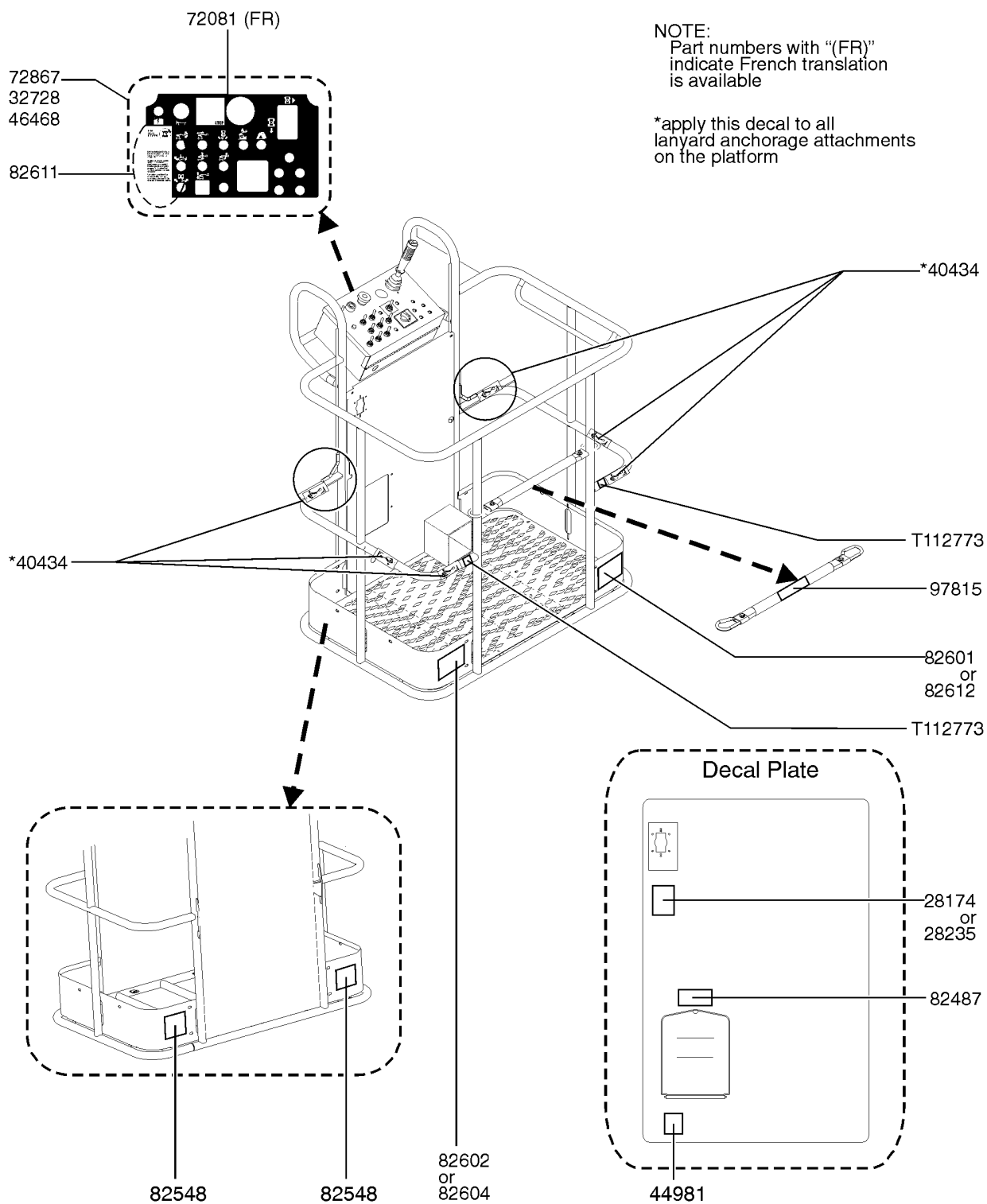


107.1 Decals with Symbol, Boom (ANSI & CE)

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 62928GT  | DECAL,COSMETIC,GENIE Z-30/20N .....  | 1    |
| 2    | 72167GT  | DECAL,COSMETIC,GENIE Z30/20NRJ ..... | 1    |
| 3    | 82472GT  | DECAL,WARNING,CRUSHING HAZARD .....  | 1    |



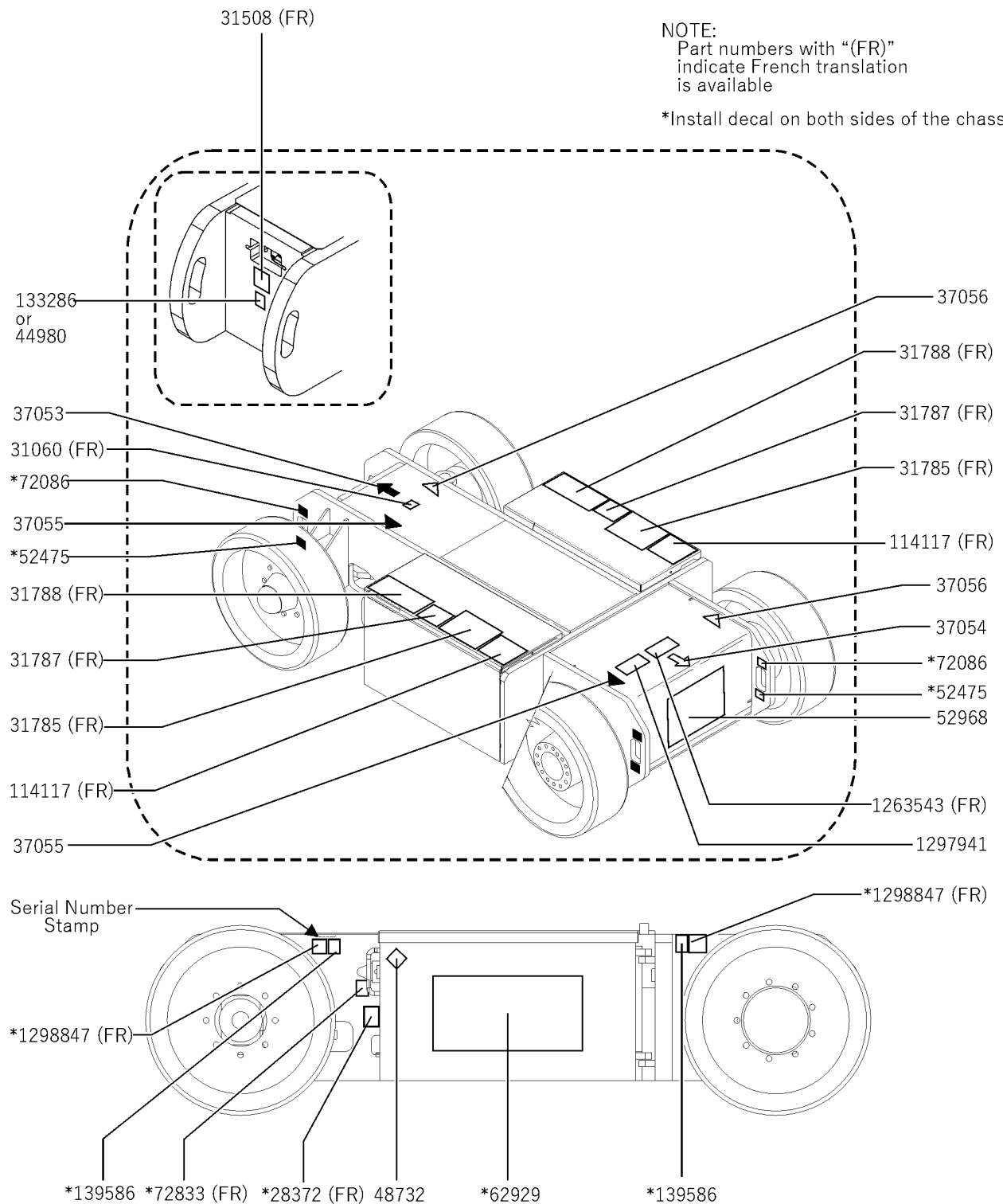
## 108.1 Decals with Symbol, Platform (ANSI &amp; CE)



## 108.1 Decals with Symbol, Platform (ANSI &amp; CE)

| Item | Part No.  | Description                           | Qty. |
|------|-----------|---------------------------------------|------|
| 1    | 28174GT   | DECAL, POWER TO PLATFORM 230V** ..... | 1    |
| 2    | 28235GT   | DECAL, POWER TO PLATFORM 115V** ..... | 1    |
| 3    | 32728GT   | DECAL,OPTION GENERATOR*** .....       | 1    |
|      |           | option, inverter                      |      |
| 4    | 40434GT   | DECAL,LANYARD ANCHORAGE POINT .....   | 6    |
| 5    | 44981GT   | DECAL,LABEL, AIR LINE 110 PSI .....   | 1    |
|      |           | option, airline to platform           |      |
| 6    | 46468GT   | DECAL,FUNCTION OVERRIDE .....         | 1    |
|      |           | option, aircraft protection           |      |
| 7    | 72081GT   | DECAL,PLATFORM CONTROL PANEL** .....  | 1    |
| 8    | 72867GT   | DECAL,LABEL,LIGHTS*** .....           | 1    |
|      |           | option, work lights                   |      |
| 9    | 82487GT   | DECAL, SYMBOL - READ THE MANUAL ..... | 1    |
| 10   | 82548GT   | DECAL,WARN,CRUSH HAZARD PLAT .....    | 2    |
| 11   | 82601GT   | DECAL,LABEL,MAX CAPACITY*** .....     | 1    |
| 12   | 82602GT   | DECAL,DANGER,MAX SIDE FRC,667N .....  | 1    |
|      |           | ANSI                                  |      |
| 13   | 82604GT   | DECAL,DANGER,SIDE FRC 400N .....      | 1    |
|      |           | CE                                    |      |
| 14   | 82611GT   | DECAL,DRIVE ENABLE PATCH .....        | 1    |
| 15   | 82612GT   | DECAL,DANGER,MAX CAP,200KG .....      | 1    |
|      |           | option, aircraft protection           |      |
| 16   | 97815GT   | DECAL,LABEL,LOWER MIDRAIL .....       | 1    |
| 17   | T112773GT | TAPE, PROTECTIVE MASK .....           | 2    |

## 109.1 Decals with Word, Chassis/Battery Box, From Sep 1, 2020

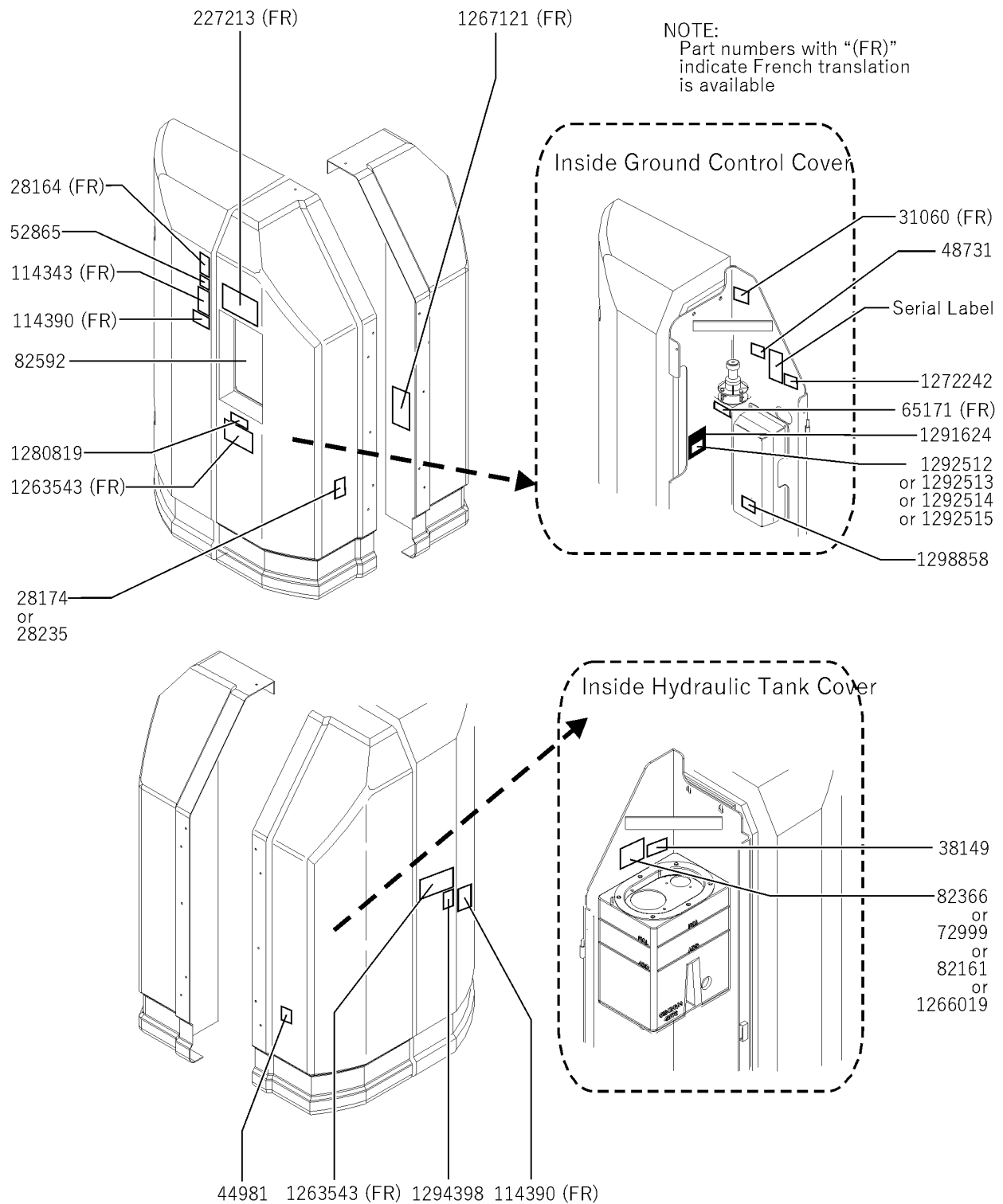


109.1 Decals with Word, Chassis/Battery Box, From Sep 1, 2020

| Item | Part No.  | Description                                           | Qty. |
|------|-----------|-------------------------------------------------------|------|
| 1    | 28372GT   | DECAL,NOTICE,BATTERY CABLES .....                     | 2    |
| 2    | 31060GT   | DECAL,DANGER DO NOT ALTER SWTC .....                  | 1    |
| 3    | 31508GT   | DECAL,DANGER,ELECT HAZARD,PLUG .....                  | 1    |
| 4    | 31785GT   | DECAL,NOTICE,CHARGER INSTRUC .....                    | 2    |
| 5    | 31787GT   | DECAL,DANGER,TIP-OVER BATTERY .....                   | 2    |
| 6    | 31788GT   | DECAL,DANGER,BATTERY SAFETY*** .....                  | 2    |
| 7    | 37053GT   | DECAL,ARROW,BLUE .....                                | 1    |
| 8    | 37054GT   | DECAL,ARROW,YELLOW SM 5-3/8" .....                    | 1    |
| 9    | 37055GT   | DECAL,TRIANGLE,BLUE .....                             | 2    |
| 10   | 37056GT   | DECAL,TRIANGLE,YELLOW .....                           | 2    |
| 11   | 44980GT   | DECAL, LABEL, PWR TO CHARGER 115 UK .....             | 1    |
|      |           | option, EE                                            |      |
| 12   | 48732GT   | DECAL,LABEL,EE RATING .....                           | 1    |
| 13   | 52475GT   | DECAL LABEL TRANSPORT TIE DOWN* .....                 | 4    |
| 14   | 52968GT   | DECAL,COSMETIC,GENIE BOOM,VERT .....                  | 1    |
| 15   | 62929GT   | DECAL,COSM,GENIE Z-30/20N(BOX) .....                  | 2    |
| 16   | 72086GT   | DECAL,LABEL,LIFTING EYE .....                         | 4    |
| 17   | 72833GT   | DECAL,LABEL,OPEN,LATCH .....                          | 2    |
| 18   | 114117GT  | DECAL,BATT CONN DIAGRAM .....                         | 2    |
| 19   | 133286GT  | DECAL, POWER TO CHARGER, UNIV .....                   | 1    |
| 20   | 139586GT  | DECAL,LABEL,WHEEL LOAD Z30N&RJ .....                  | 4    |
| 21   | 1263543GT | DECAL, WARNING, IMPROPER OPERATION .....              | 1    |
| 22   | 1297941GT | DECAL,TRANSPORT/LIFT DIAGRAM, Z-30 .....              | 1    |
| 23   | 1298847GT | DECAL,DANGER,TIPOVR,TIRES NMF, Z-30N, Z34N,WORD ..... | 4    |



## 110.1 Decals with Word, Turntable Covers, From Sep 1, 2020

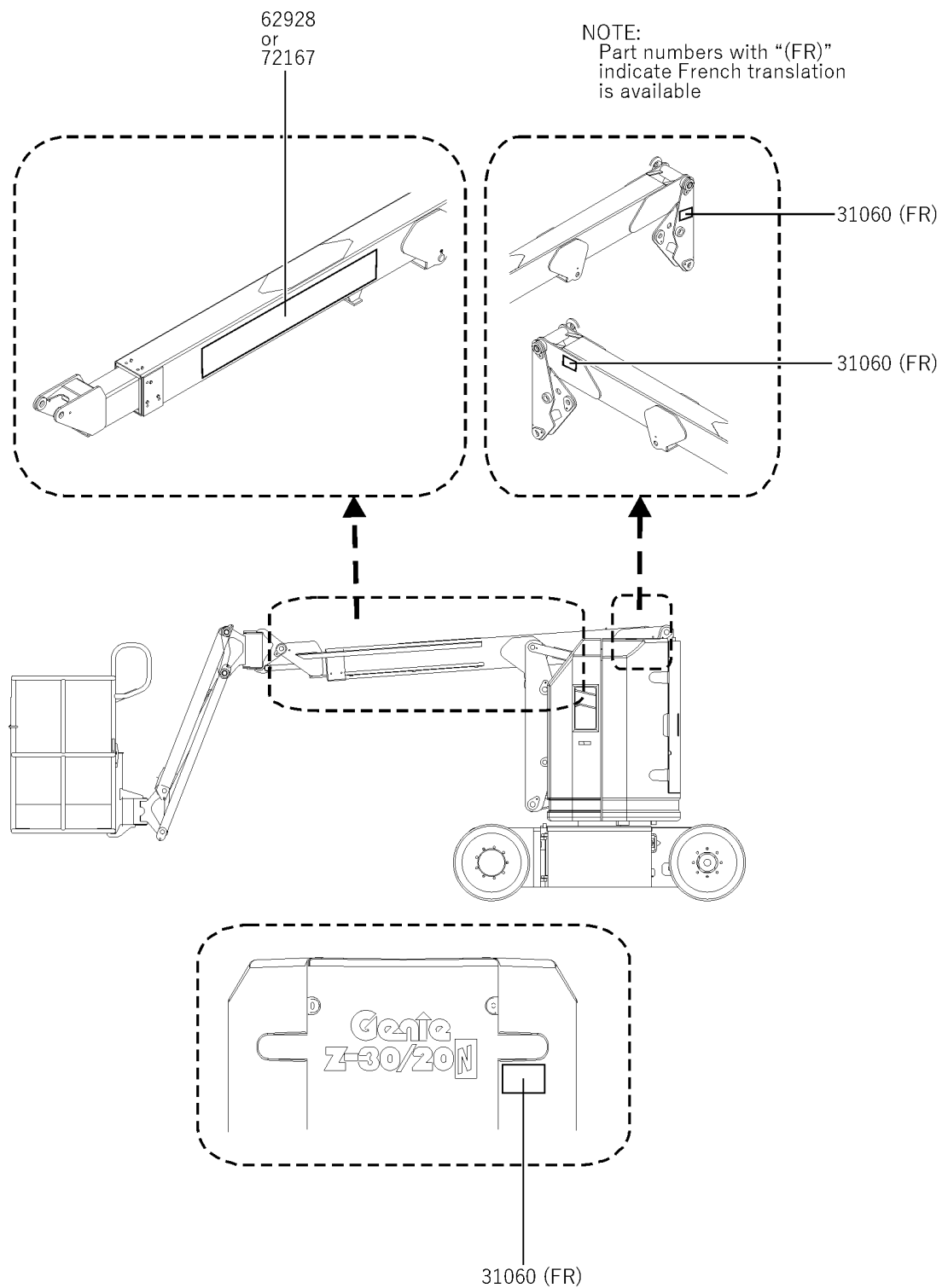


110.1 Decals with Word, Turntable Covers, From Sep 1, 2020

| Item | Part No.  | Description                                               | Qty. |
|------|-----------|-----------------------------------------------------------|------|
| 1    | 28164GT   | DECAL,NOTICE,HAZARDOUS MAT'LS* .....                      | 1    |
| 2    | 28174GT   | DECAL, POWER TO PLATFORM 230V** .....                     | 1    |
| 3    | 28235GT   | DECAL, POWER TO PLATFORM 115V** .....                     | 1    |
| 4    | 31060GT   | DECAL,DANGER DO NOT ALTER SWTC .....                      | 1    |
| 5    | 38149GT   | DECAL LABEL PATENTS .....                                 | 1    |
| 6    | 44981GT   | DECAL,LABEL, AIR LINE 110 PSI .....                       | 1    |
|      |           | option, air line to platform                              |      |
| 7    | 48731GT   | DECAL,LABEL,FMRC APPROVED .....                           | 1    |
| 8    | 52865GT   | DECAL,ANNUAL INSP*** .....                                | 1    |
| 9    | 65171GT   | DECAL,LABEL,CB & STATUS LIGHT .....                       | 1    |
| 10   | 72999GT   | DECAL,LABEL,PETRO CANADA*** .....                         | 1    |
|      |           | option, hydraulic oil                                     |      |
| 11   | 82161GT   | DECAL,LABEL,UCON HYDROLUBE .....                          | 1    |
|      |           | option, hydraulic oil                                     |      |
| 12   | 82366GT   | DECAL, LABEL - CHEVRON RANDO .....                        | 1    |
|      |           | option, hydraulic oil                                     |      |
| 13   | 82592GT   | DECAL,GROUND CONTROL PANEL*** .....                       | 1    |
| 14   | 114343GT  | DECAL,LABEL,EMERGENCY DOWN .....                          | 1    |
| 15   | 114390GT  | DECAL,DANGER,ELECT HAZARD*** .....                        | 2    |
| 16   | 227213GT  | DECAL,OPER INST,DC BOOM GND AU .....                      | 1    |
| 17   | 1263543GT | DECAL, WARNING, IMPROPER OPERATION .....                  | 2    |
| 18   | 1266019GT | DECAL, LABEL, SHELL TELLUS .....                          | 1    |
| 19   | 1267121GT | DECAL, BOOM SUPPORT .....                                 | 1    |
| 20   | 1272242GT | DECAL,MACHINE REGISTRATION/OWNER TRANSFER .....           | 1    |
| 21   | 1280819GT | DECAL,WARNING,CANCER AND REPRODUCTIVE HARM, PROP 65 ..... | 1    |
| 22   | 1291624GT | DECAL COSM,GENIE LIFT CONNECT,LEXAN COVER .....           | 1    |
| 23   | 1292512GT | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-1 .....            | 1    |
|      |           | No longer available (Supplier Part)                       |      |
| 24   | 1292513GT | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-2 .....            | 1    |
|      |           | No longer available (Supplier Part)                       |      |
| 25   | 1292514GT | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-3 .....            | 1    |
|      |           | No longer available (Supplier Part)                       |      |
| 26   | 1292515GT | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-4 .....            | 1    |
|      |           | No longer available (Supplier Part)                       |      |
| 27   | 1294398GT | NEW ANSI CHECK MASK .....                                 | 1    |
| 28   | 1298858GT | DECAL,RELAY LABEL,Z30/34 DC .....                         | 1    |



## 111.1 Decals with Word, Boom, From Sep 1, 2020

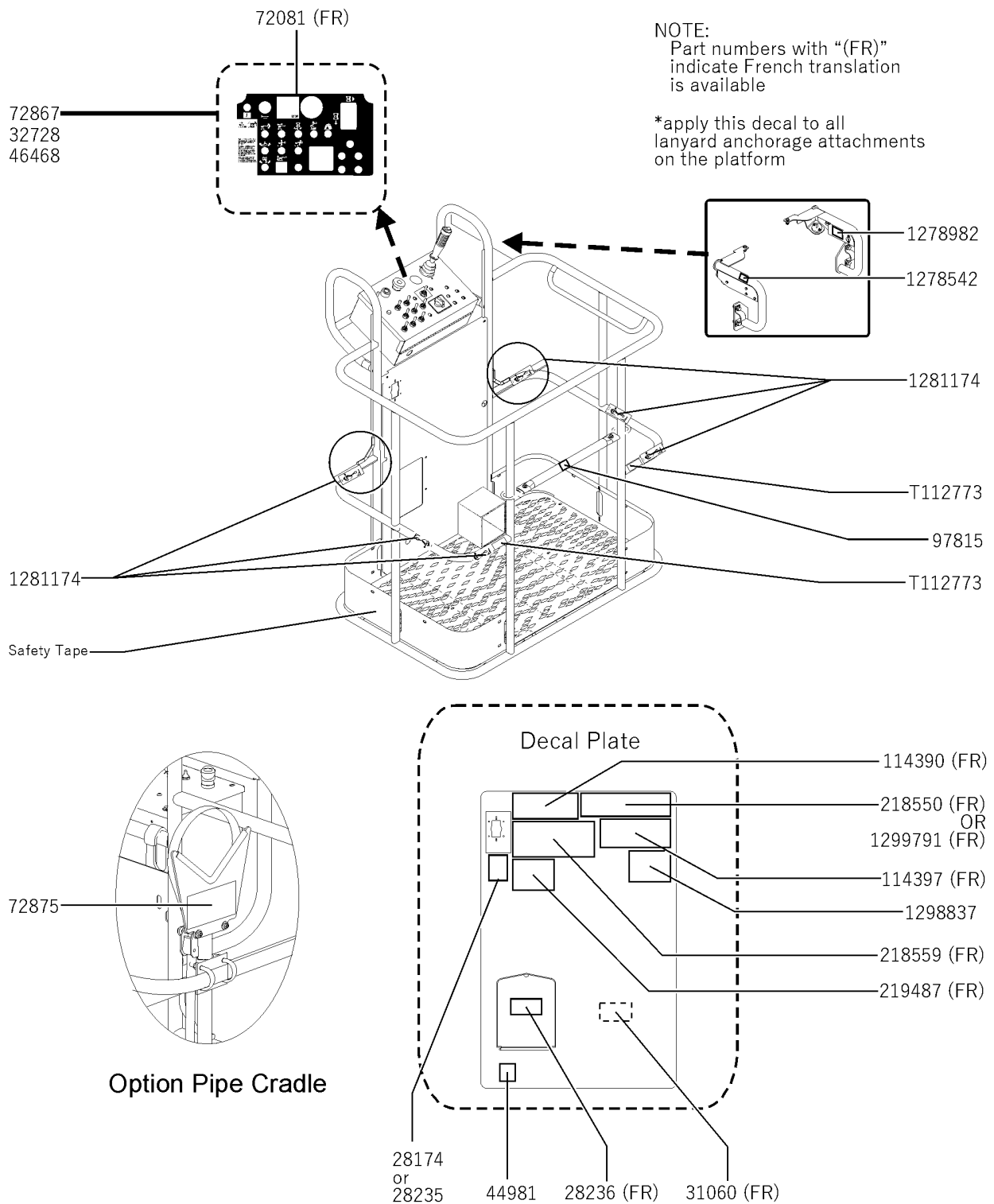


111.1 Decals with Word, Boom, From Sep 1, 2020

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 31060GT  | DECAL,DANGER DO NOT ALTER SWTC ..... | 3    |
| 2    | 62928GT  | DECAL,COSMETIC,GENIE Z-30/20N .....  | 1    |
| 3    | 72167GT  | DECAL,COSMETIC,GENIE Z30/20NRJ ..... | 1    |



## 112.1 Decals with Word, Platform, From Sep 1, 2020

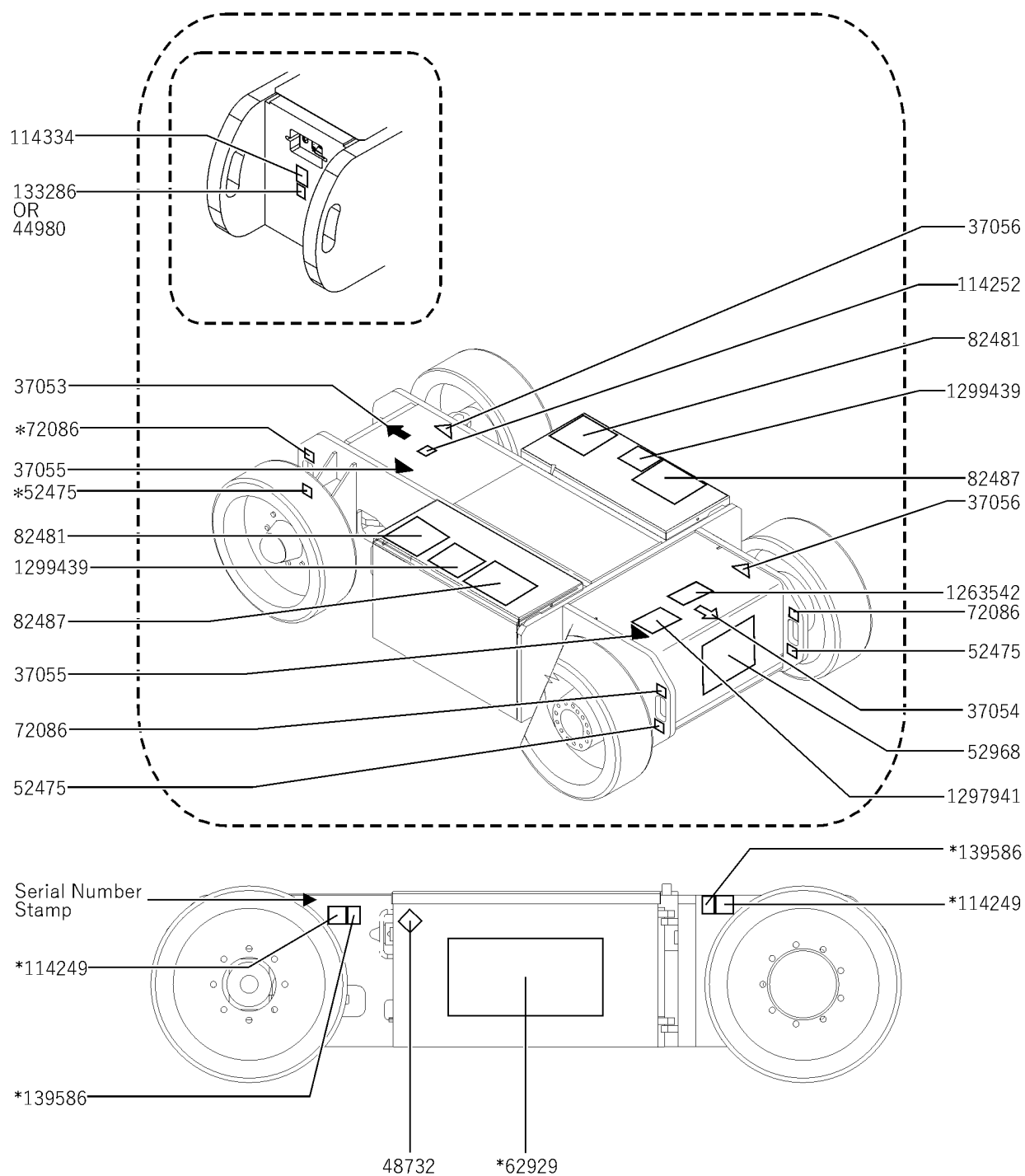


112.1 Decals with Word, Platform, From Sep 1, 2020

| Item | Part No.  | Description                                                        | Qty. |
|------|-----------|--------------------------------------------------------------------|------|
| 1    | 28174GT   | DECAL, POWER TO PLATFORM 230V** .....                              | 1    |
| 2    | 28235GT   | DECAL, POWER TO PLATFORM 115V** .....                              | 1    |
| 3    | 28236GT   | DECAL,WARN,IMPROPER OPERATION .....                                | 1    |
| 4    | 31060GT   | DECAL,DANGER DO NOT ALTER SWTC .....                               | 1    |
| 5    | 32728GT   | DECAL,OPTION GENERATOR***<br>option, inverter .....                | 1    |
| 6    | 44981GT   | DECAL,LABEL, AIR LINE 110 PSI<br>option, airline to platform ..... | 1    |
| 7    | 46468GT   | DECAL,FUNCTION OVERRIDE<br>option, aircraft protection .....       | 1    |
| 8    | 72081GT   | DECAL,PLATFORM CONTROL PANEL** .....                               | 1    |
| 9    | 72867GT   | DECAL,LABEL,LIGHTS***<br>option, work lights .....                 | 1    |
| 10   | 72875GT   | DECAL,WARNING,PIPE CRADLE,BOOM .....                               | 1    |
| 11   | 97815GT   | DECAL,LABEL,LOWER MIDRAIL .....                                    | 1    |
| 12   | 114390GT  | DECAL,DANGER,ELECT HAZARD*** .....                                 | 1    |
| 13   | 114397GT  | DECAL,DANGER,TILT ALARM .....                                      | 1    |
| 14   | 218550GT  | DECAL,DANGER,CAP,AUS WORD .....                                    | 1    |
| 15   | 218559GT  | DECAL,DANGER/WARNING COMBO .....                                   | 1    |
| 16   | 219487GT  | DECAL,PLATFORM OVERLOAD .....                                      | 1    |
| 17   | 1278542GT | DECAL, INSTRUCTION, CONTACT ALARM .....                            | 2    |
| 18   | 1278982GT | DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET .....                   | 2    |
| 19   | 1281174GT | DECAL,LANYARD,FALL ARREST/FALL RESTRAINED .....                    | 2    |
| 20   | 1298837GT | DECAL,WARNING,RUNAWAY MACHINE,Z30N/RJ, Z34N,WORD .....             | 2    |
| 21   | 1299791GT | DECAL,DANGER,CAP, AIRCRAFT, WORD .....                             | 2    |
| 22   | T112773GT | TAPE, PROTECTIVE MASK .....                                        | 2    |

## 113.1 Decals with Symbol, Chassis/Battery Box, From Sep 1, 2020

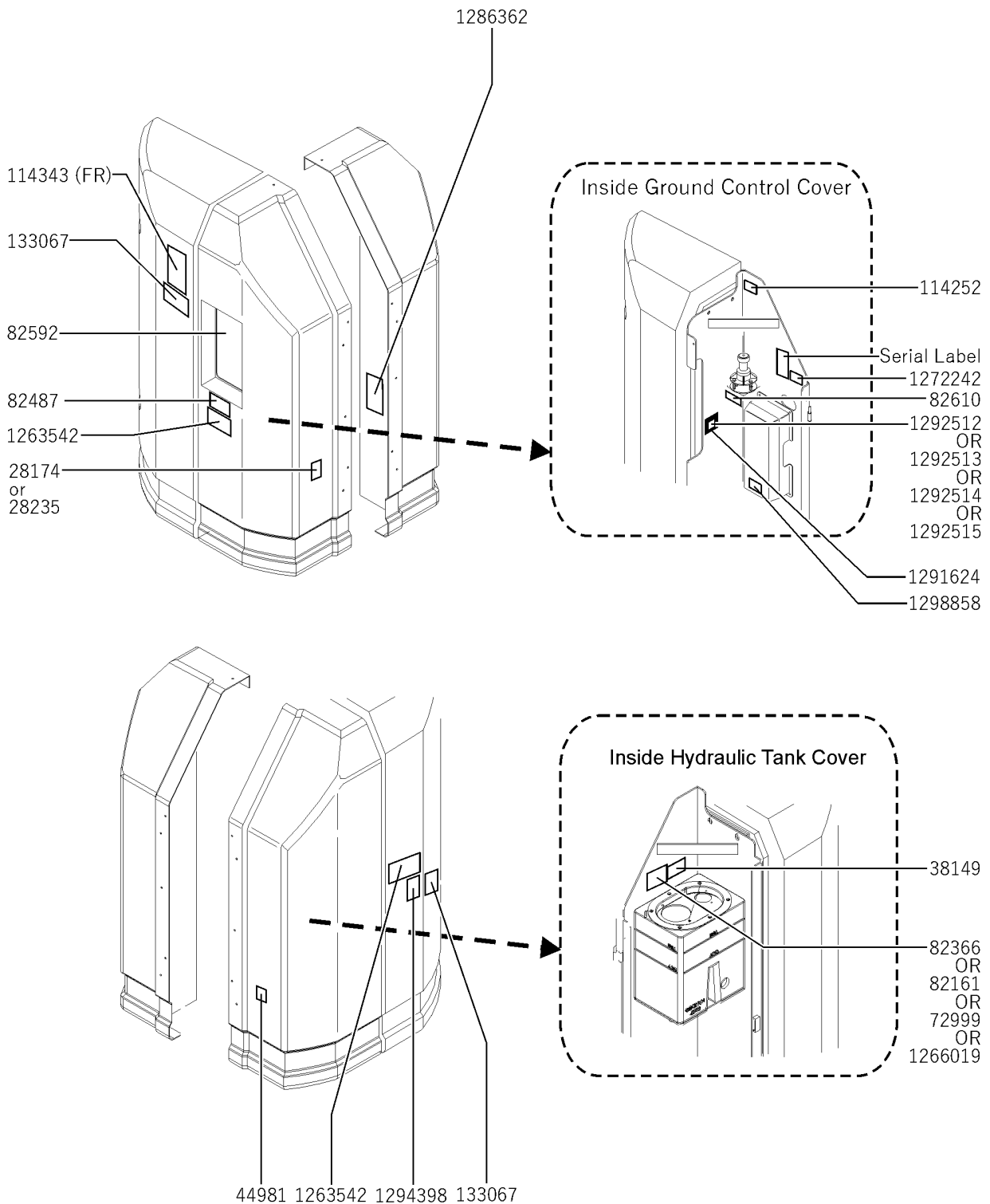
NOTE:  
\*Install decal on both sides of the chassis



## 113.1 Decals with Symbol, Chassis/Battery Box, From Sep 1, 2020

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                 | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------|-------------|
| 1           | 37053GT         | DECAL,ARROW,BLUE .....                             | 1           |
| 2           | 37054GT         | DECAL,ARROW,YELLOW SM 5-3/8" .....                 | 1           |
| 3           | 37055GT         | DECAL,TRIANGLE,BLUE .....                          | 2           |
| 4           | 37056GT         | DECAL,TRIANGLE,YELLOW .....                        | 2           |
| 5           | 44980GT         | DECAL, LABEL, PWR TO CHARGER 115 UK .....          | 1           |
| 6           | 48732GT         | DECAL,LABEL,EE RATING .....                        | 1           |
| 7           | 52475GT         | DECAL LABEL TRANSPORT TIE DOWN* .....              | 4           |
| 8           | 52968GT         | DECAL,COSMETIC,GENIE BOOM,VERT .....               | 1           |
| 9           | 62929GT         | DECAL,COSM,GENIE Z-30/20N(BOX) .....               | 2           |
| 10          | 72086GT         | DECAL,LABEL,LIFTING EYE .....                      | 4           |
| 11          | 82481GT         | DECAL SYMBOL BATTERY SAFETY .....                  | 2           |
| 12          | 82487GT         | DECAL, SYMBOL - READ THE MANUAL .....              | 2           |
| 13          | 114249GT        | DECAL,LABEL,TIPOVER,TIRES,SYMB .....               | 4           |
| 14          | 114252GT        | DECAL,LABEL,TIP OVER LMT SWTCH .....               | 1           |
| 15          | 114334GT        | DECAL SYMBOL ELECTRIC HAZARD PLUG .....            | 1           |
| 16          | 133286GT        | DECAL, POWER TO CHARGER, UNIV .....                | 1           |
| 17          | 139586GT        | DECAL,LABEL,WHEEL LOAD Z30N&RJ .....               | 4           |
| 18          | 1263542GT       | DECAL,IMPROPER OPERATION,SYMBOL .....              | 1           |
| 19          | 1297941GT       | DECAL,TRANSPORT/LIFT DIAGRAM, Z-30 .....           | 1           |
| 20          | 1299439GT       | DECAL,ANSI SYMBOL, BATT WEIGHT/TIP OVER,Z30N ..... | 2           |

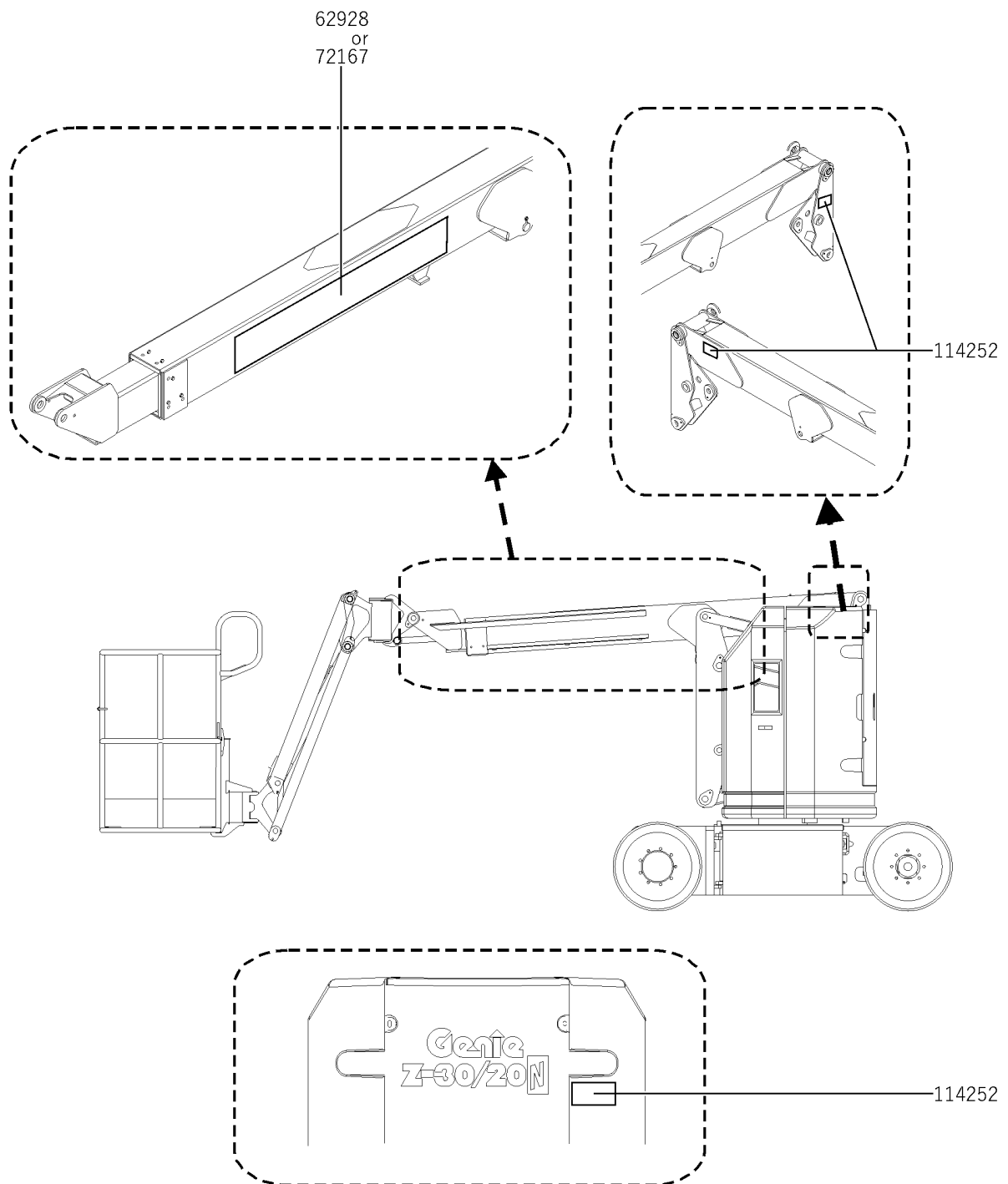
## 114.1 Decals with Symbol, Turntable Covers, From Sep 1, 2020



114.1 Decals with Symbol, Turntable Covers, From Sep 1, 2020

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                              | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------------|-------------|
| 1           | 28174GT         | DECAL, POWER TO PLATFORM 230V** .....           | 1           |
| 2           | 28235GT         | DECAL, POWER TO PLATFORM 115V** .....           | 1           |
| 3           | 38149GT         | DECAL LABEL PATENTS .....                       | 1           |
| 4           | 44981GT         | DECAL,LABEL, AIR LINE 110 PSI .....             | 1           |
|             |                 | option, airline to platform                     |             |
| 5           | 72999GT         | DECAL,LABEL,PETRO CANADA*** .....               | 1           |
| 6           | 82161GT         | DECAL,LABEL,UCON HYDROLUBE .....                | 1           |
| 7           | 82366GT         | DECAL, LABEL - CHEVRON RANDO .....              | 1           |
| 8           | 82487GT         | DECAL, SYMBOL - READ THE MANUAL .....           | 1           |
| 9           | 82592GT         | DECAL,GROUND CONTROL PANEL *** .....            | 1           |
| 10          | 82610GT         | DECAL,LABEL,CB & STATUS LIGHT .....             | 1           |
| 11          | 114252GT        | DECAL,LABEL,TIP OVER LMT SWTCH .....            | 1           |
| 12          | 114343GT        | DECAL,LABEL,EMERGENCY DOWN .....                | 1           |
| 13          | 133067GT        | DECAL,DANGER,ELEC.HAZ.STAY CLR .....            | 2           |
| 14          | 1263542GT       | DECAL,IMPROPER OPERATION,SYMBOL .....           | 2           |
| 15          | 1266019GT       | DECAL, LABEL, SHELL TELLUS .....                | 1           |
| 16          | 1272242GT       | DECAL,MACHINE REGISTRATION/OWNER TRANSFER ..... | 1           |
| 17          | 1286362GT       | DECAL, BOOM SUPPORT, SYMBOL .....               | 1           |
| 18          | 1291624GT       | DECAL COSM,GENIE LIFT CONNECT,LEXAN COVER ..... | 1           |
| 19          | 1292512GT       | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-1 .....  | 1           |
|             |                 | No longer available (Supplier Part)             |             |
| 20          | 1292513GT       | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-2 .....  | 1           |
|             |                 | No longer available (Supplier Part)             |             |
| 21          | 1292514GT       | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-3 .....  | 1           |
|             |                 | No longer available (Supplier Part)             |             |
| 22          | 1292515GT       | DECAL COSM,GENIE LIFT CONNECT,ESN,SKU4-4 .....  | 1           |
|             |                 | No longer available (Supplier Part)             |             |
| 23          | 1294398GT       | NEW ANSI CHECK MASK .....                       | 1           |
| 24          | 1298858GT       | DECAL,RELAY LABEL,Z30/34 DC .....               | 1           |

## 115.1 Decals with Symbol, Boom, From Sep 1, 2020

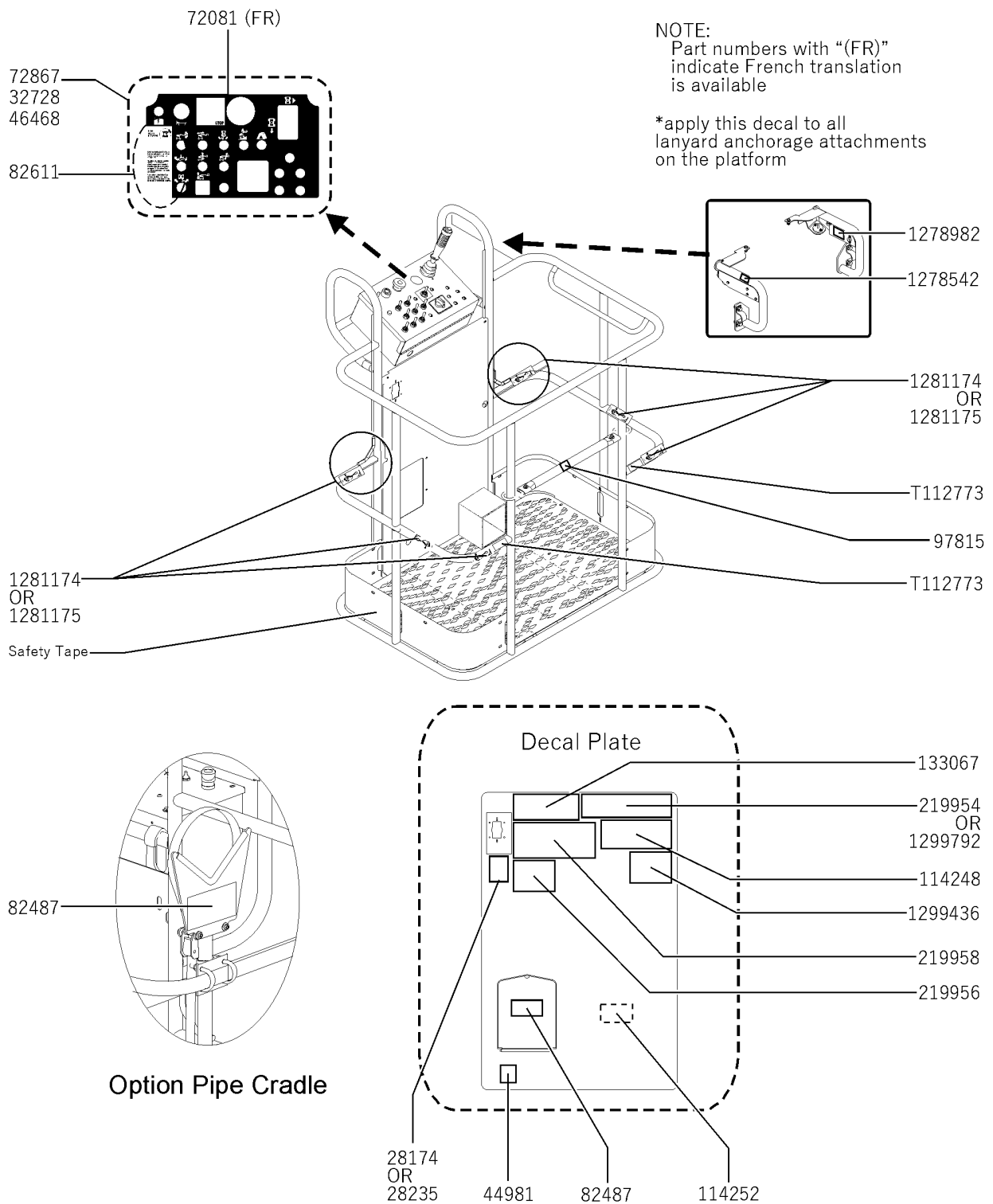


115.1 Decals with Symbol, Boom, From Sep 1, 2020

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 62928GT  | DECAL,COSMETIC,GENIE Z-30/20N .....  | 1    |
| 2    | 72167GT  | DECAL,COSMETIC,GENIE Z30/20NRJ ..... | 1    |
| 3    | 114252GT | DECAL,LABEL,TIP OVER LMT SWTCH ..... | 3    |



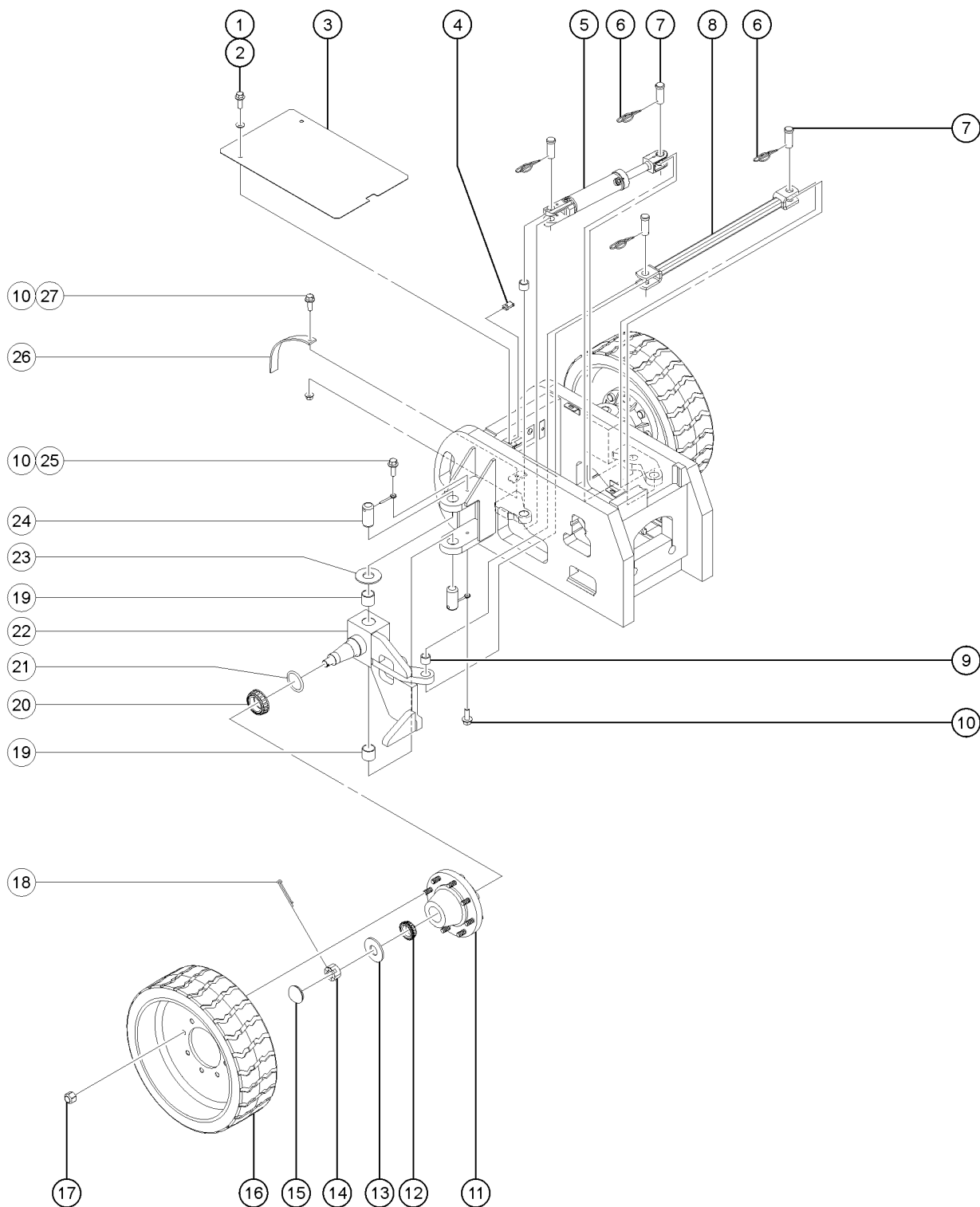
## 116.1 Decals with Symbol, Platform, From Sep 1, 2020



116.1 Decals with Symbol, Platform, From Sep 1, 2020

| Item | Part No.  | Description                                      | Qty. |
|------|-----------|--------------------------------------------------|------|
| 1    | 28174GT   | DECAL, POWER TO PLATFORM 230V** .....            | 1    |
| 2    | 28235GT   | DECAL, POWER TO PLATFORM 115V** .....            | 1    |
| 3    | 32728GT   | DECAL,OPTION GENERATOR*** .....                  | 1    |
|      |           | option, inverter                                 |      |
| 4    | 44981GT   | DECAL,LABEL, AIR LINE 110 PSI .....              | 1    |
|      |           | option, airline to platform                      |      |
| 5    | 46468GT   | DECAL,FUNCTION OVERRIDE .....                    | 1    |
|      |           | option, aircraft protection                      |      |
| 6    | 72081GT   | DECAL,PLATFORM CONTROL PANEL** .....             | 1    |
| 7    | 72867GT   | DECAL,LABEL,LIGHTS*** .....                      | 1    |
|      |           | option, work lights                              |      |
| 8    | 82487GT   | DECAL, SYMBOL - READ THE MANUAL .....            | 2    |
| 9    | 82611GT   | DECAL,DRIVE ENABLE PATCH .....                   | 1    |
| 10   | 97815GT   | DECAL,LABEL,LOWER MIDRAIL .....                  | 1    |
| 11   | 114248GT  | DECAL,LABEL,TIPOVER,TILT AL SY .....             | 1    |
| 12   | 114252GT  | DECAL,LABEL,TIP OVER LMT SWTCH .....             | 1    |
| 13   | 133067GT  | DECAL,DANGER,ELEC.HAZ.STAY CLR .....             | 1    |
| 14   | 219954GT  | DECAL,TIP-OVER HAZARD,CE .....                   | 1    |
| 15   | 219956GT  | DECAL,PLATFORM OVERLOAD .....                    | 1    |
| 16   | 219958GT  | DECAL,TIP-OVER,CRUSH .....                       | 1    |
| 17   | 1278542GT | DECAL, INSTRUCTION, CONTACT ALARM .....          | 1    |
| 18   | 1278982GT | DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET ..... | 1    |
| 19   | 1281174GT | DECAL,LANYARD,FALL ARREST/FALL RESTRAINED .....  | 6    |
| 20   | 1281175GT | DECAL,LANYARD,FALL RESTRAINED .....              | 6    |
| 21   | 1299436GT | DECAL,SYMBOL,SLOPE RATING,Z30N/34N .....         | 1    |
| 22   | 1299792GT | DECAL,TIP-OVER HAZARD, AIRCRAFT, SYM .....       | 1    |
| 23   | T112773GT | TAPE, PROTECTIVE MASK .....                      | 2    |

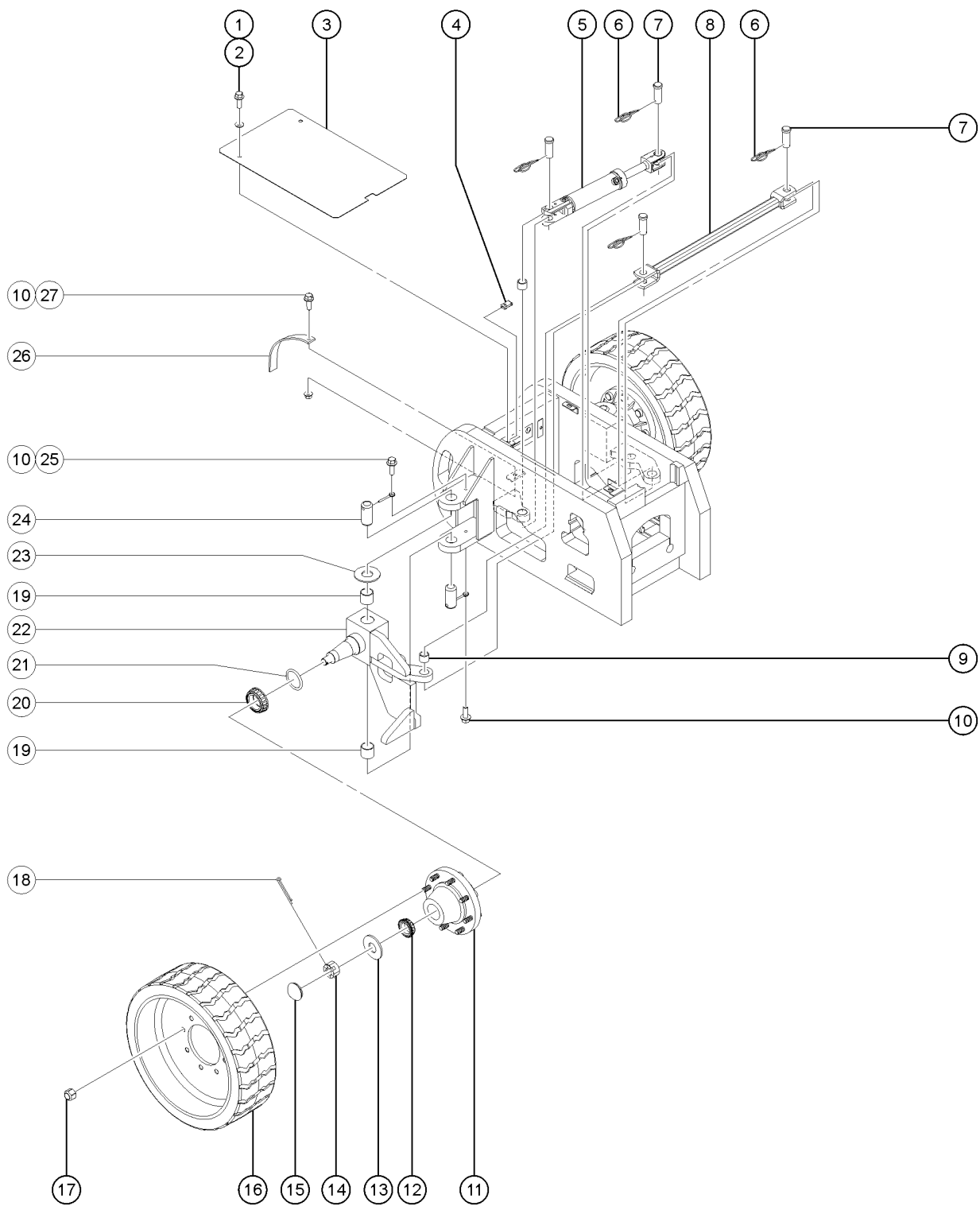
201.1 Steer Axle Linkage, Wheels and Hubs



## 201.1 Steer Axle Linkage, Wheels and Hubs

| Item | Part No.  | Description                                                                       | Qty. |
|------|-----------|-----------------------------------------------------------------------------------|------|
| 1    | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....                                                  |      |
| 2    | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                                                     |      |
| 3    | 37100GT   | COVER W/DECAL DR CHAS STR END*<br>word decals .....                               | 1    |
| 3B   | 106038GT  | FRT COVER ASSY. W/SYM DECALS**<br>symbol decals .....                             | 1    |
| 4    | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                         | 2    |
| 5    | 88337GT   | CYLINDER,STEER .....                                                              | 1    |
| 5-   | 88338GT   | SEAL KIT, 88337 .....                                                             |      |
| 6    | 824129GT  | RUE RING,1.0,ZAG .....                                                            | 4    |
| 7    | 824127GT  | PIN, CLEVIS, SAE 1.0 X 2.41, ZAG .....                                            | 4    |
| 8    | 36163-SGT | TIE ROD,WELDMENT,Z30N**<br>US part number .....                                   | 1    |
| 8B   | 1282054GT | TIE ROD,WELDMENT,Z30N, METRIC<br>China part number .....                          | 1    |
| 9    | 25817GT   | BEARING,1.00IDX1.25ODX1.00L .....                                                 | 4    |
| 10   | 824090GT  | SCREW,HHF,3/8-16X1,8,ZAG .....                                                    |      |
| 11   | 45043GT   | HUB ASSEMBLY MODEL#60-8*** .....                                                  | 2    |
| 11-  | 45873GT   | SEAL/BEARING KIT (45043,54840)<br>includes items 12, 15, 20 and 21 .....          |      |
| 11-  | 21166GT   | LUG BOLT,5/8-18,WHEEL HUB*** .....                                                |      |
| 12   | 45108GT   | OUTER CONE - MODEL 60-8<br>small bearing race not included .....                  | 2    |
| 12-  | 40146GT   | BEARING RACE (SMALL) (45873)<br>outer cone not included .....                     |      |
| 13   | 45112GT   | WASHER,SPINDLE .....                                                              | 2    |
| 14   | 45113GT   | NUT,SPINDLE,1-14 .....                                                            | 2    |
| 15   | 45111GT   | CAP,DUST,45873 HUB KIT .....                                                      | 2    |
| 16   | 94908GT   | TIRE & WHEEL ASSY,FRONT N-M<br>non-marking 8-hole wheel, (to SN Z30ND-3025) ..... | 2    |
| 16B  | 1335016GT | TIRE & WHEEL ASSY,FRONT NM EXMILE<br>(from SN Z30ND-3026) .....                   | 2    |
| 17   | 824042GT  | NUT, LUG, 5/8-18 X 90 DEG, ZAG .....                                              |      |
| 18   | 45114GT   | PIN,COTTER,.219 X 1.75 .....                                                      |      |
| 19   | 45071GT   | BEARING,1.5IDX1.75ODX1.5L .....                                                   |      |
| 20   | 45107GT   | INNER CONE - MODEL 60-8<br>large bearing race not included .....                  | 2    |
| 20-  | 40145GT   | BEARING RACE (LARGE) (45873)<br>inner cone not included .....                     |      |

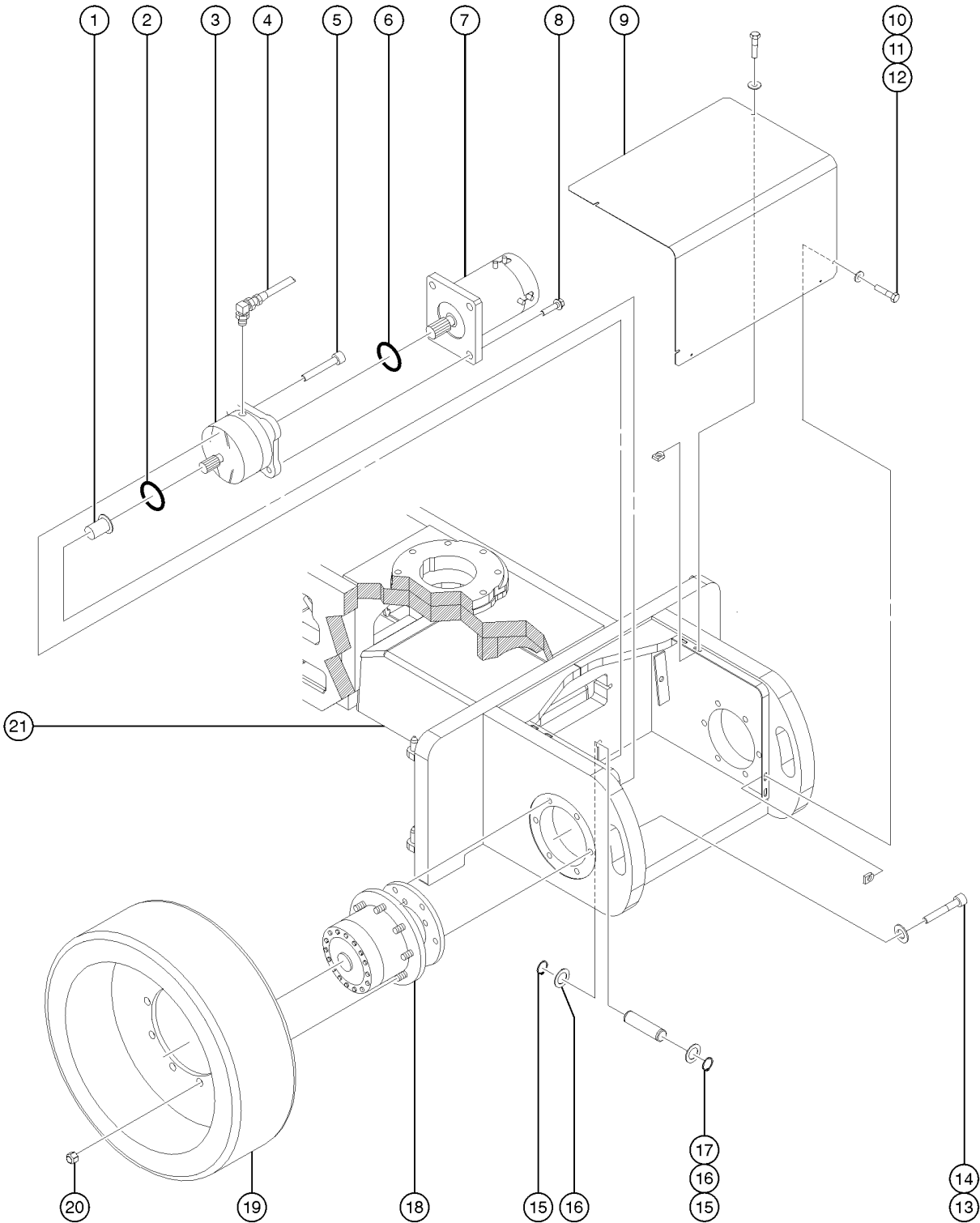
201.1 Steer Axle Linkage, Wheels and Hubs



## 201.1 Steer Axle Linkage, Wheels and Hubs

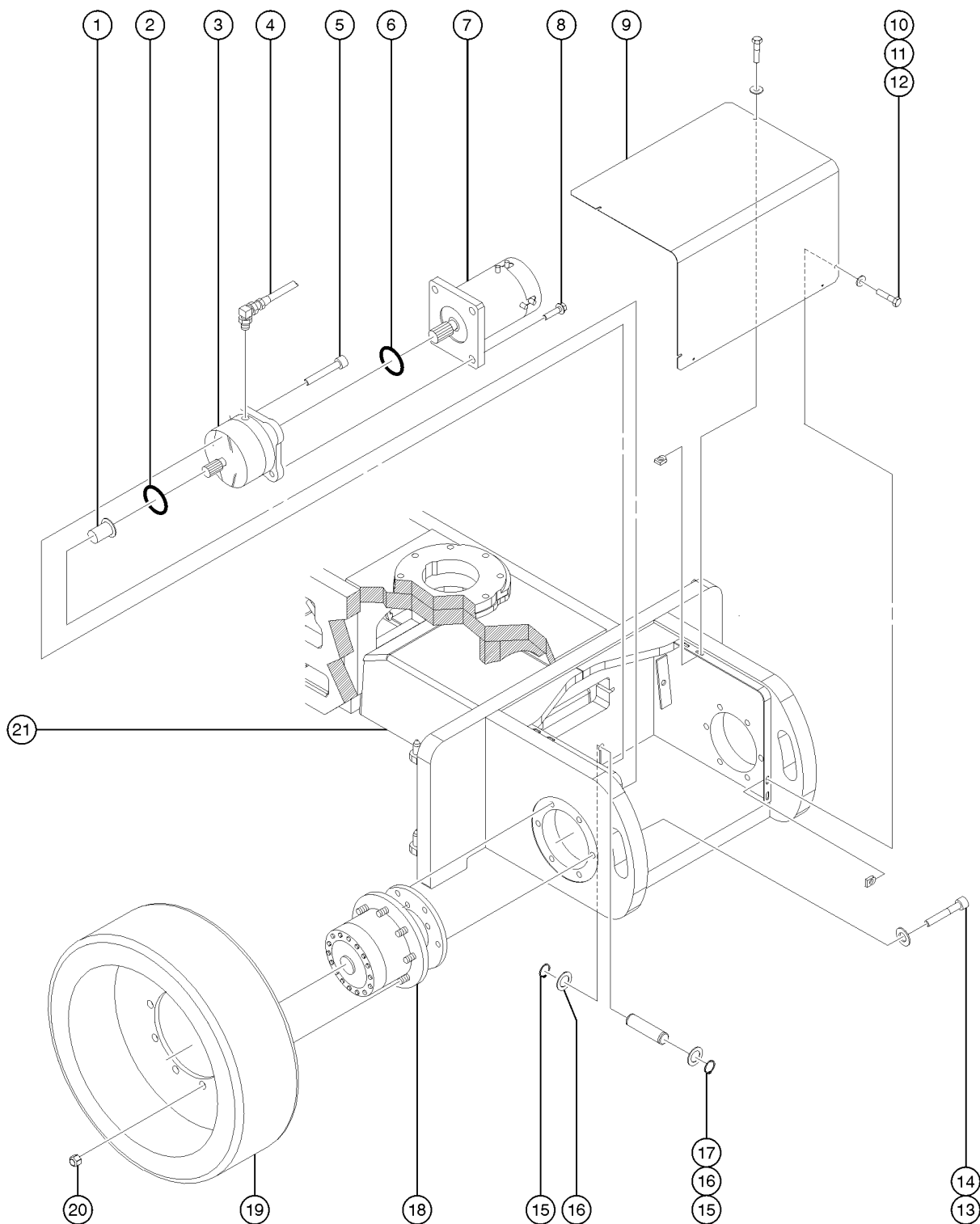
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                            | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------------|-------------|
| 21          | 45110GT         | SEAL-GREASE,MODEL 60-8 .....                                  | 2           |
| 22          | 74246GT         | WELDMENT,YOKE LH<br>left side; includes items 9 and 19 .....  | 1           |
| 22B         | 74247GT         | WELDMENT,YOKE RH<br>right side; includes items 9 and 19 ..... | 1           |
| 23          | 45074GT         | WASHER,THRUST,1.5 X 3.5 X .187 .....                          | 2           |
| 24          | 36211GT         | PIN,1.50DIAX3.25LG,1HOLE .....                                | 4           |
| 25          | 825019GT        | ROD END,.375 X 3.69,ZAG .....                                 | 4           |
| 26          | 96317GT         | GROUND STRAP,12"LG*** .....                                   | 1           |
| 27          | 824029GT        | NUT, TL FLG, 3/8-16, G, ZAG .....                             |             |

202.1 Non-steer Axle



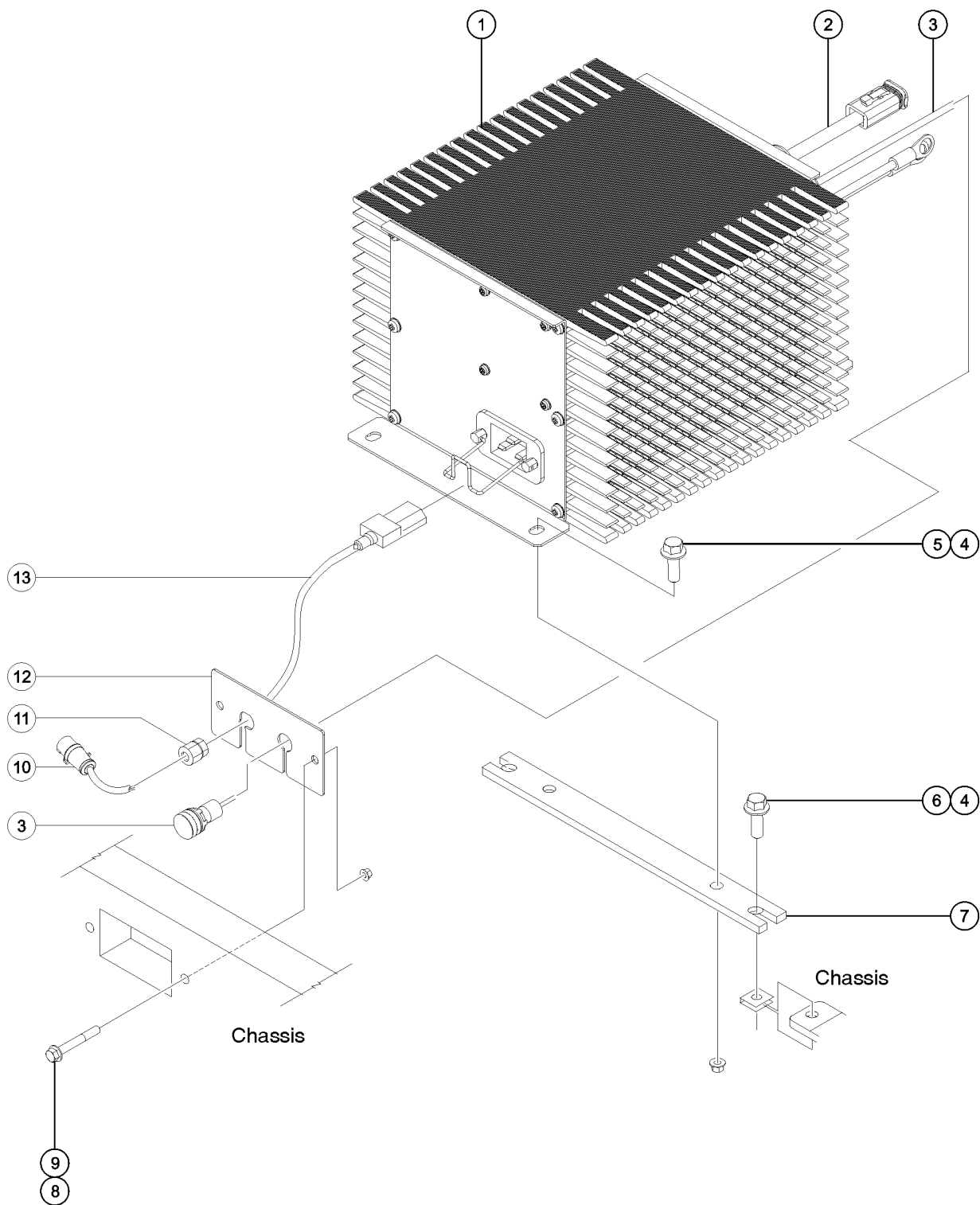
| Item | Part No.  | Description                                                                      | Qty. |
|------|-----------|----------------------------------------------------------------------------------|------|
| 1    | 38113GT   | COUPLER,INTERNAL SPLINE,T-HUB .....                                              | 2    |
| 2    | 52087GT   | O-RING,2-044 BUNA*** .....                                                       | 2    |
| 3    | 139351GT  | BRAKE, NEMA, 1200 IN/LB .....                                                    | 2    |
| 3-   | 105352GT  | GASKET, BRAKE (VENDOR#78917) .....                                               |      |
| 3-   | 65608GT   | BEARING KIT, AUSCO*** .....                                                      |      |
| 3-   | 139353GT  | STACK KIT, AUSCO 1200 IN/LB .....                                                |      |
| 3-   | 139354GT  | O-RING KIT, AUSCO 1200 IN/LB .....                                               |      |
| 3-   | 139355GT  | GASKET KIT, AUSCO 1200 IN/LB .....                                               |      |
| 4    |           | Ref. Hydraulic Hoses and Fittings (refer to 801.1) .....                         |      |
| 5    | 824103GT  | SCREW,SHC,1/2-13X3,A574,ZAG .....                                                | 4    |
| 6    | 22811GT   | O-RING,MOTOR TO BRAKE*** .....                                                   | 2    |
| 7    | 56831GT   | MOTOR, DRIVE, SEPEX .....                                                        | 2    |
| 7-   | 44778GT   | BEARING,MOTOR,36843,BRUSH END* .....                                             | 1    |
| 7-   | 65872GT   | BRUSH LEAD ASSEMBLY KIT(56831) .....                                             |      |
| 7-   | 72078GT   | BRUSH BOX ASSY .....                                                             |      |
| 7-   | T108887GT | SPRING, BRUSH .....                                                              |      |
| 8    | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....                                          | 8    |
| 9    | 128732GT  | COVER, DRIVE CHASSIS,Z30N<br>decals not included, refer to 101.1 and 105.1 ..... | 1    |
| 9B   | 1281274GT | COVER, DRIVE CHASSIS,Z30N , METRIC<br>Metric PN .....                            |      |
| 10   | 824060GT  | SCREW, HHC, 1/4-20 X 1, 8, ZAG .....                                             | 4    |
| 11   | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                                                    | 4    |
| 12   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                        | 4    |
| 13   | 824107GT  | SCREW, SHC, 5/8-11 X 3, A574, ZAG .....                                          | 12   |
| 14   | 824121GT  | WASHER, FLAT, .688 X 1.160 X .09, ZAG .....                                      | 12   |
| 15   | 1304483GT | PIN,1.00DIAX29.5LG,2 RING GROVE .....                                            | 2    |
| 16   | 1256119GT | WASHER,SHIM,1.01X1.63X.062,ZAG .....                                             | 4    |
| 17   | 1253843GT | SNAP RING,EXTERNAL,1.00,ZAG .....                                                | 4    |
| 18   | 106445GT  | WHEEL DRIVE,4HB,57:1***<br>(Seal Kit 1286600, Bearing Kit 1286601) .....         | 2    |

202.1 Non-steer Axle



| Item | Part No.  | Description                                                                                                                                          | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 18-  | 106121GT  | ROD,DISCONNECT 4HP/4HB*** .....<br>for 106445                                                                                                        |      |
| 18-  | 106122GT  | CAP,DISENGAGE,4HP/4HB*** .....<br>for 106445                                                                                                         |      |
| 18-  | 106123GT  | O-RING,END COVER,4HP/4HB*** .....<br>for 106445                                                                                                      |      |
| 18-  | 1286600GT | SEAL KIT,WHEEL DRIVE (106148/106445/107712) .....<br>for 106445 (inventory limited to stock on hand as component is no longer available)             |      |
| 18-  | 1286600GT | SEAL KIT,WHEEL DRIVE (106148/106445/107712) .....<br>for 106445                                                                                      |      |
| 18-  | 106120GT  | WHEEL STUD, 4HP, 5/8-18*** .....<br>replaces 21149GT                                                                                                 |      |
| 18-  | 232486GT  | SNAP RING,WHEEL DRIVE .....<br>for 106445                                                                                                            |      |
| 18-  | 58320GT   | KIT,TORQUE HUB COVER(101584)** .....<br>for 106445                                                                                                   |      |
| 18-  | 74714GT   | BEARING KIT-74097 TORQUE HUB** .....<br>for 106445 (inventory limited to stock on hand as component is no longer available),<br>replace by 1286601GT |      |
| 18-  | 1286601GT | BEARING KIT,WHEEL DRIVE (106148/106445/107712) .....<br>for 106445                                                                                   |      |
| 18-  | 83092GT   | SNAP RING (74097) .....<br>for 106445                                                                                                                |      |
| 19   | 94909GT   | TIRE & WHEEL ASSY,REAR N-M .....<br>non-marking 9-hole wheel, (to SN Z30ND-3025)                                                                     | 2    |
| 19B  | 1335018GT | TIRE & WHEEL ASSY,REAR NM EXMILE .....<br>(from SN Z30ND-3026)                                                                                       | 2    |
| 20   | 824042GT  | NUT, LUG, 5/8-18 X 90 DEG, ZAG .....<br>for 106445                                                                                                   | 18   |
| 21   | 36612GT   | COUNTERWEIGHT,CAST,645 LBS.*** .....<br>for 106445                                                                                                   | 1    |

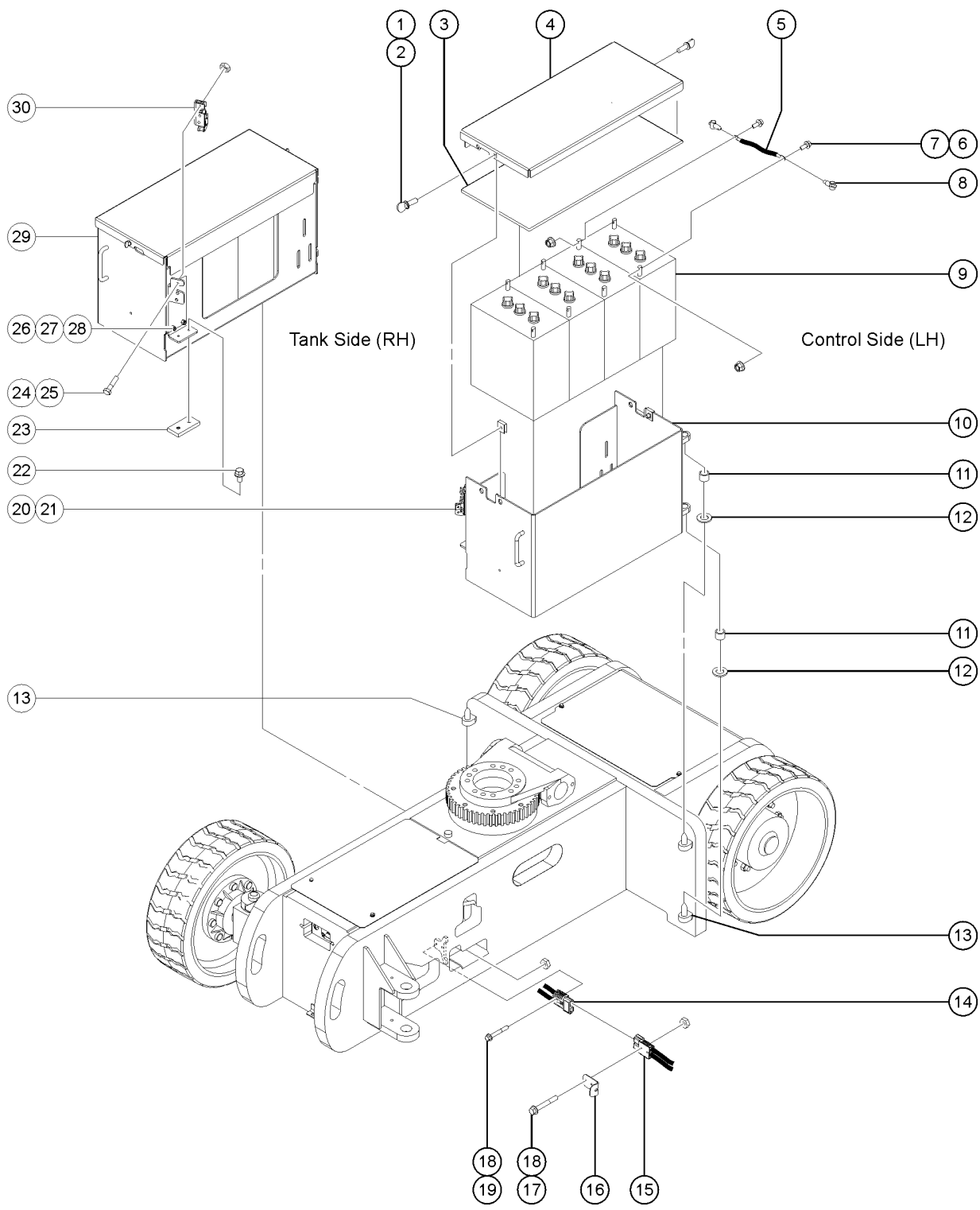
203.1 Battery Charger



## 203.1 Battery Charger

| Item | Part No.  | Description                                                                     | Qty. |
|------|-----------|---------------------------------------------------------------------------------|------|
| 1    | 128375GT  | CHARGER 48V/30A AUTO AC X-LED<br>includes item 2 and 3; power cord not included | 1    |
| 1B   | 58494GT   | CHARGER, 48V, 110/60, 12A, EERATNG<br>EE rated models only                      |      |
| 1-   | 133286GT  | DECAL, POWER TO CHARGER, UNIV                                                   | 1    |
| 1-   | 228947GT  | CLIP, RETAINING, IES CHARGER                                                    | 1    |
| 2    | 139858GT  | HARN. CHARGER INTERLOCK Z34                                                     | 1    |
| 3    | 228973GT  | KIT, ASSY, LED, IES CHARGER                                                     | 1    |
| 4    | 824078GT  | SCREW, HHF, 1/4-20X.75, 8, ZAG                                                  | 8    |
| 5    | 1277924GT | NUT, NYLOCK FLG, 1/4-20, F, ZAG                                                 | 4    |
| 6    | 56912GT   | SPRING CLIP, 1/4-20, .025-.15X.54, ZAG                                          | 4    |
| 7    | 36269GT   | PLATE, CHARGER MOUNT<br>US part number                                          | 2    |
| 7B   | 1281328GT | PLATE, CHARGER MOUNT, METRIC<br>China part number                               | 2    |
| 8    | 824094GT  | SCREW, HHF, 3/8-16 X 2.75, 8, ZAG                                               | 2    |
| 9    | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG                                                     | 2    |
| 10   | 119403GT  | CONN, PLUG 120 AC/15A DOMESTIC<br>included with item 13                         | 1    |
| 11   | 128118GT  | BUSHING, STRAIN RELIEF, .875/.40<br>domestic                                    | 1    |
| 11B  | 139318GT  | BUSHING, STRAIN RELIEF, .875/.30<br>UK                                          | 1    |
| 12   | 128825GT  | BRACKET, CHARGER CORD AND LED<br>US part number                                 | 1    |
| 12B  | 1281327GT | BRACKET, CHARGER CORD AND LED, METRIC<br>China part number                      | 1    |
| 13   | 128377GT  | CORD AC IEC320-C19 TO 110US<br>complete domestic power cord                     | 1    |
| 13B  | 128376GT  | CORD EURO AC IEC320-C19PIGTAIL<br>does not include item 10                      | 1    |

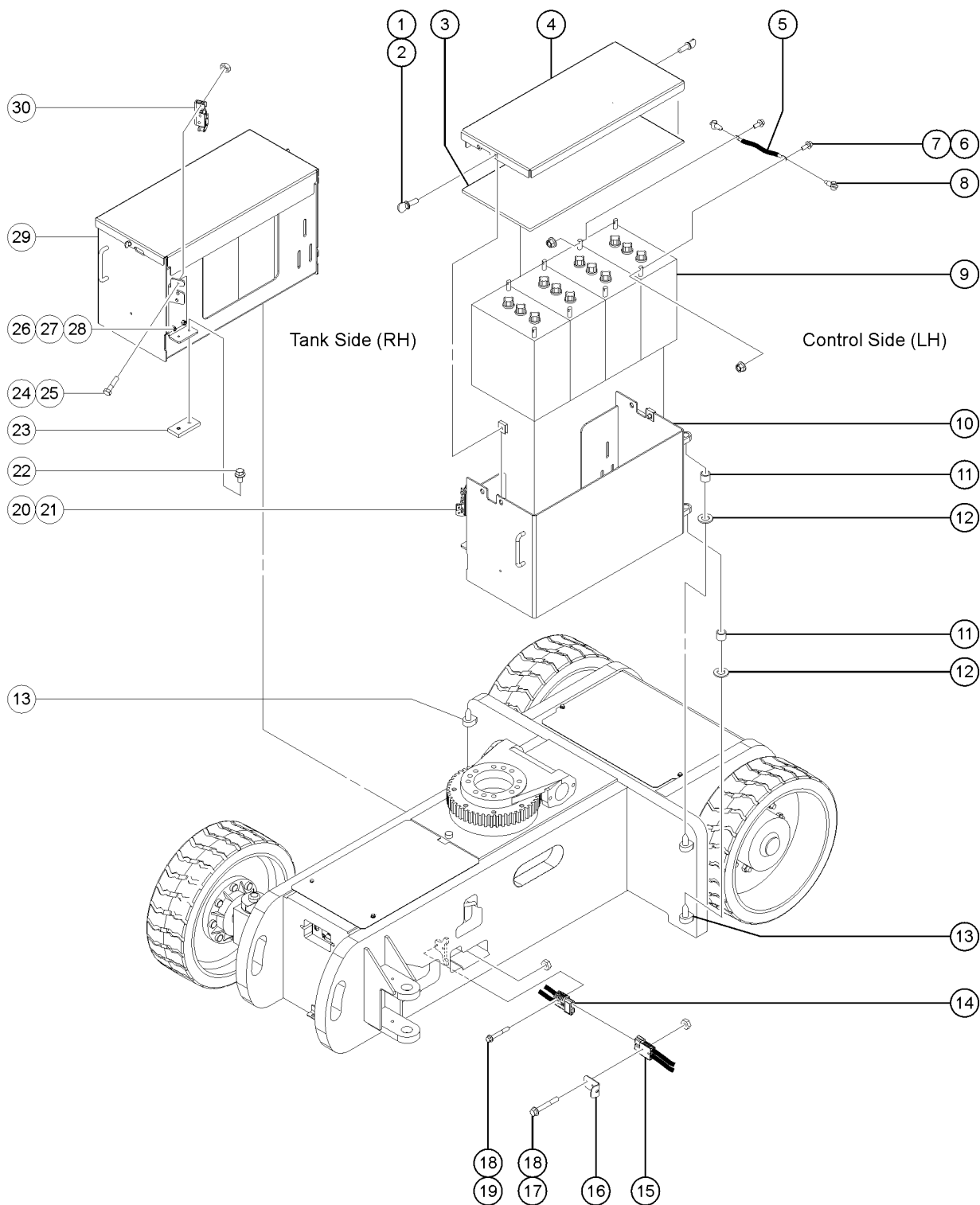
204.1 Battery Packs



## 204.1 Battery Packs

| Item | Part No.  | Description                                                                                       | Qty. |
|------|-----------|---------------------------------------------------------------------------------------------------|------|
| A-   | 824046GT  | BATTERY BOX ASSY,TANK SIDE DWN .....<br>includes items 11, 21-29; lid not included                | 1    |
| B-   | 824047GT  | BATTERY BOX ASSY,CONTRL SIDE** .....<br>includes items 10, 11, 19-24, 26 and 27; lid not included | 1    |
| 1    | 824228GT  | SCREW,THUMB,A-REG,3/8-16X1,ZAG .....                                                              | 4    |
| 2    | 29868GT   | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....                                                          | 4    |
| 3    | 106241GT  | INSULATION,48V BATT.BOX LID .....<br>models with AGM option                                       | 2    |
| 4    | 94001GT   | LID-BATTERY BOX W/DECALS** .....                                                                  | 2    |
| 4B   | 106025GT  | LID,BATT PACK, W/SYM DECALS** .....                                                               | 2    |
| 5    |           | Ref. Cable Assembly .....<br>refer to 206.1                                                       |      |
| 6    | 13002GT   | SCREW,HHC,5/16-18 X 1 GR5 .....                                                                   | 16   |
| 7    | 18503GT   | NUT, LOCKING - LG FLANGE 5/16 - 18 .....                                                          | 16   |
| 8    | 8910GT    | BOOT,CABLE TERM,MED.RED,4/0 .....                                                                 | 16   |
| 9    | 56461GT   | BATTERY, 390AH L16,WET .....<br>to Z30D-2433                                                      | 8    |
| 9B   | 1320681GT | BATTERY, 6V 420AH,DT-L16,WET .....<br>from Z30D-2434                                              | 8    |
| 9C   | 823684GT  | BATTERY,AGM,6V/390A,L16 .....<br>models with AGM option                                           | 8    |
| 10   | 161551GT  | WELDMENT, BATTERY BOX, LH .....<br>control side; includes item 11                                 | 1    |
| 11   | 36369GT   | BEARING,0.75IDX1.00ODX0.75L .....                                                                 | 4    |
| 12   | 36212GT   | WASHER,THRUST,.75 X 1.38X.13 .....                                                                | 4    |
| 13   | 94151GT   | PIN,HINGE*** .....                                                                                | 4    |
| 14   | 94011GT   | BATTERY CABLE ASSEMBLY** .....                                                                    | 2    |
| 15   | 94012GT   | BATTERY CABLE ASSEMBLY .....                                                                      | 2    |
| 16   | 74651GT   | FORMING,HANDLE BATTERY CONN .....                                                                 | 2    |
| 17   | 824080GT  | SCREW, HHF, 1/4-20 X 1.25, 8, ZAG .....                                                           | 4    |
| 18   | 824037GT  | NUT, HH JAM, 1/4-20, A, ZAG .....                                                                 | 8    |
| 19   | 824081GT  | SCREW,HHF,1/4-20X1.5,8,ZAG .....                                                                  | 4    |
| 20   | 66901GT   | LATCH,ROTARY, W/KNOB,RIGHT .....<br>installed on LEFT side of chassis                             | 1    |
| 21   | 229805GT  | FORMING,BATTERY BOX LATCH LH .....                                                                | 1    |
| 22   | 824077GT  | SCREW, HHF, 1/4-20 X .5, 8, ZAG .....                                                             | 4    |
| 23   | 45209GT   | WEAR PAD,4X2X.5 W/INSERT*** .....                                                                 | 2    |

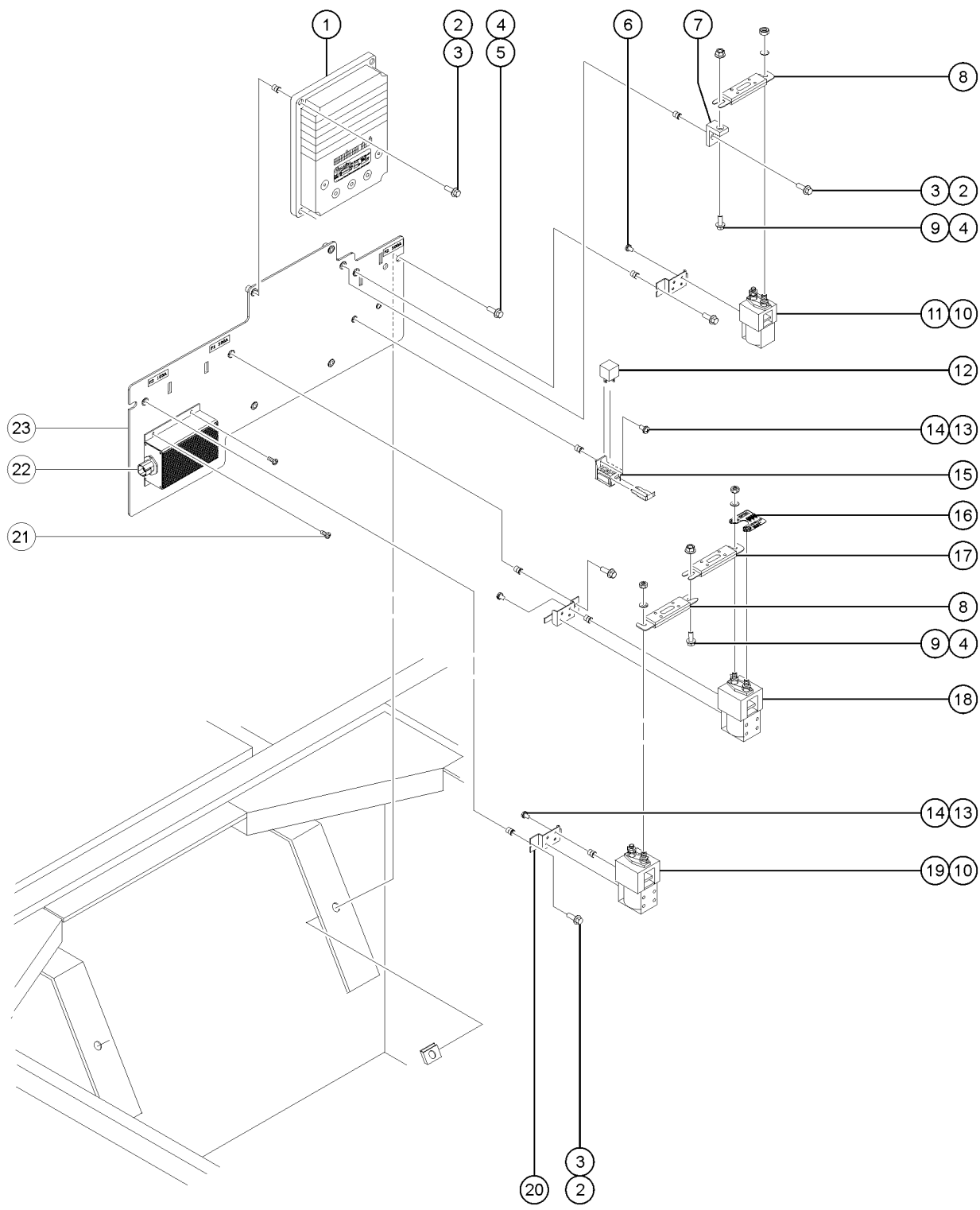
204.1 Battery Packs



## 204.1 Battery Packs

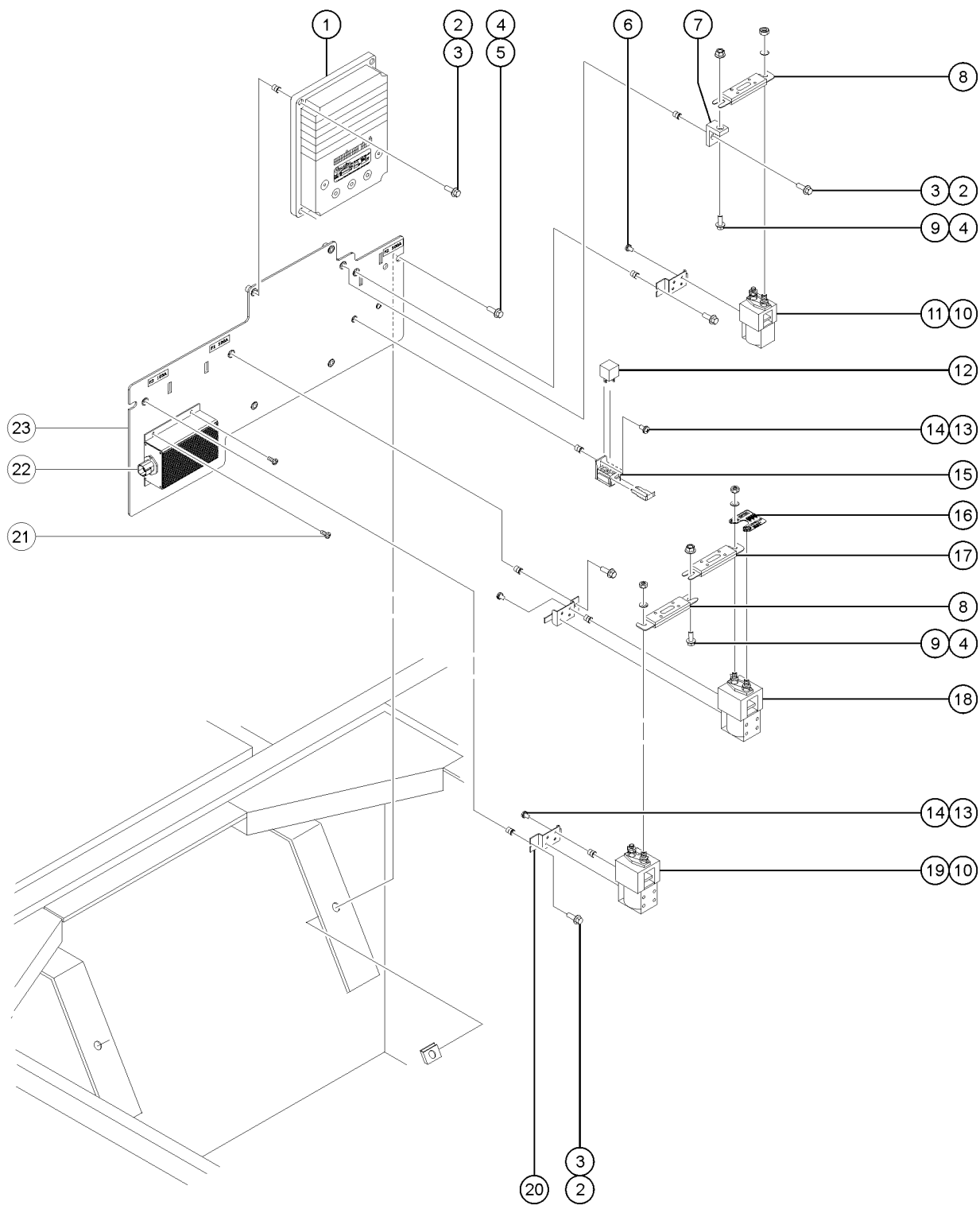
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------|-------------|
| 24          | 824066GT        | SCREW,HHC,5/16-18X1.375,8,ZAG ..... | 6           |
| 25          | 1252977GT       | NUT,TL JAM,5/16-18,A,ZAG .....      | 6           |
| 26          | 229806GT        | FORMING,BATTERY BOX LATCH RH .....  | 1           |
| 27          | 824125GT        | BOLT,CARRIAGE,3/8-16X1,5,ZAG .....  | 6           |
| 28          | 1274322GT       | NUT,NYLOCK FLG,3/8-16,F,ZAG .....   | 6           |
| 29          | 161550GT        | WELDMENT, BATTERY BOX, RH .....     | 1           |
|             |                 | tank side; includes item 11         |             |
| 30          | 66900GT         | LATCH,ROTARY, W/KNOB, LEFT .....    | 1           |
|             |                 | installed on RIGHT side of chassis  |             |

205.1 Electronic Control Module



| Item | Part No.  | Description                                                                                                                                | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|------|
| C-   | 56029GT   | CONNECTOR,MOLEX 24-WAY** .....                                                                                                             |      |
| D-   | 56030GT   | TERMINAL,MOLEX 16 GAUGE*** .....                                                                                                           |      |
| E-   | 56561GT   | TOOL,TERMINAL CRIMPER,MOLEX*** .....                                                                                                       |      |
| F-   | 56562GT   | TOOL,TERMINAL EXTRACTOR,MOLEX .....                                                                                                        |      |
| 1    | T114858GT | CONTROLLER,SEP-EX Z30N,AMD .....                                                                                                           | 1    |
| 2    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                                                                                                             | 7    |
| 3    | 23404GT   | NUTSERT,1/4-20,STEEL CAD PLTD .....                                                                                                        | 7    |
| 4    | 824086GT  | SCREW, HHF, 5/16-18 X 1, 8, ZAG .....                                                                                                      | 4    |
| 5    | 36456GT   | SPRING CLIP,5/16-18,.025-.15X.83,ZAG .....                                                                                                 | 2    |
| 6    | 824217GT  | SCREW, PHPM SEMS ET, M4-.7 X 8, ZAB .....                                                                                                  | 4    |
| 7    | 56281GT   | ANGLE,FUSE MOUNT .....                                                                                                                     | 1    |
| 8    | 36355GT   | FUSE,100 AMP,VERY FAST ACTING .....                                                                                                        | 2    |
| 9    | 824028GT  | NUT, TL FLG, 5/16-18, G, ZAG .....                                                                                                         | 2    |
| 10   | 74282GT   | DUST SHIELDS,180A CONTACTOR<br>(EE models only) Limited inventory available; this component is no longer available from<br>our supplier .. | 4    |
| 11   | 1304130GT | CONTACTOR,24V,80A,SPST,SEAL,UNBRANDED .....                                                                                                | 1    |
| 11A- | 22262GT   | CONTACT,MOVING,19549RELAY* .....                                                                                                           |      |
| 11A- | 22263GT   | CONTACT,STATIONARY,19549RELAY* .....                                                                                                       |      |
| 11A- | 74495GT   | SPRING, RETURN (FOR 74268) .....                                                                                                           |      |
| 11B  | 1270457GT | CONTACTOR, DRIVE, 24V, 180A UNBRANDED .....                                                                                                |      |
| 12   | 823226GT  | POWER RELAY, 24V COIL .....                                                                                                                | 1    |
|      |           | for drive light option                                                                                                                     |      |
| 13   | 824221GT  | SCREW,PHPM SEMS ET,10-32X.313, .....                                                                                                       | 5    |
| 14   | 23405GT   | NUTSERT,10-32 STEEL CAD PLTD .....                                                                                                         | 5    |
| 15   | 61226GT   | RELAY SOCKET,70AMP .....                                                                                                                   | 1    |
| 16   | 56930GT   | DIODE,PCB DRIVE CONTACTOR** .....                                                                                                          | 1    |
| 17   | 43179GT   | FUSE,500 AMP,VERY FAST ACTING .....                                                                                                        | 1    |
| 18   | 1270456GT | CONTACTOR,DRIVE,24V,180A (W/logo) .....                                                                                                    |      |
|      |           | Replaces 74267GT                                                                                                                           |      |
| 19   | 1270457GT | CONTACTOR, DRIVE, 24V, 180A UNBRANDED .....                                                                                                | 1    |
| 19-  | 62695GT   | CONTACT,STATIONARY (56434)** .....                                                                                                         |      |

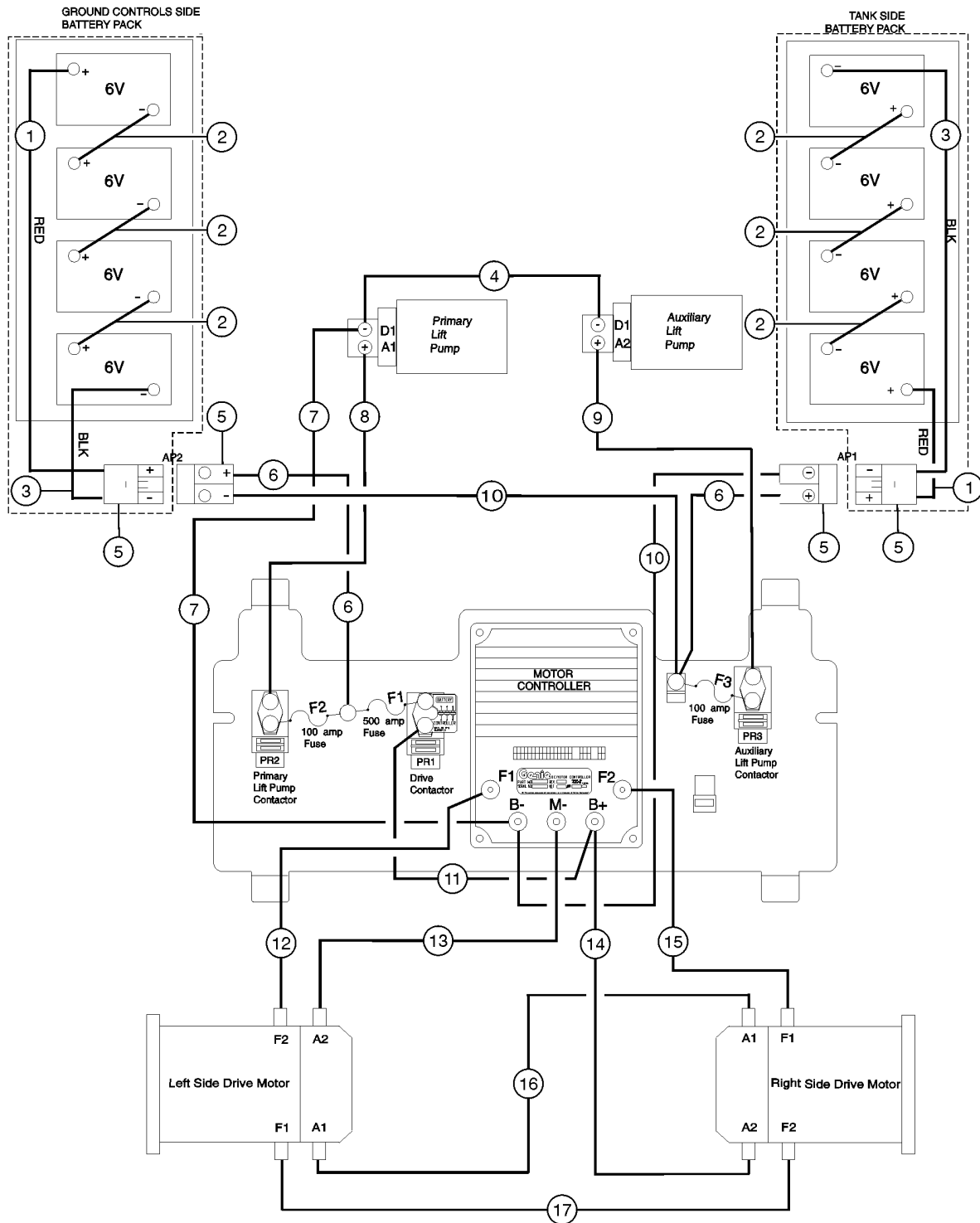
205.1 Electronic Control Module



## 205.1 Electronic Control Module

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                           | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------|-------------|
| 19-         | 62696GT         | CONTACT-MOVEABLE (56434)** .....             |             |
| 19-         | 74471GT         | SPRING,RETURN (74266) .....                  |             |
| 20          | 56095GT         | BRACKET,CONTACTOR MOUNT SINGLE .....         | 3           |
|             |                 | US part number                               |             |
| 20B         | 1281335GT       | BRACKET,CONTACTOR MOUNT SINGLE, METRIC ..... | 3           |
|             |                 | China part number                            |             |
| 21          | 1251757GT       | SCREW,PHPM,10-32X.50,ZAG .....               | 4           |
| 22          | 79452GT         | CONVERTER, DC-DC, 48-26 VOLT** .....         | 1           |
| 22-         | 822917GT        | KIT, DC-DC CONVERTER, DC .....               | 1           |
|             |                 | field install kit for units without inverter |             |
| 22-         | 822919GT        | KIT, DC-DC CONV,Z30N W/INVERTER .....        | 1           |
|             |                 | field install kit for units with inverter    |             |
| 23          | 236665GT        | ASSEMBLY, CONTROLLER PLATE .....             | 1           |

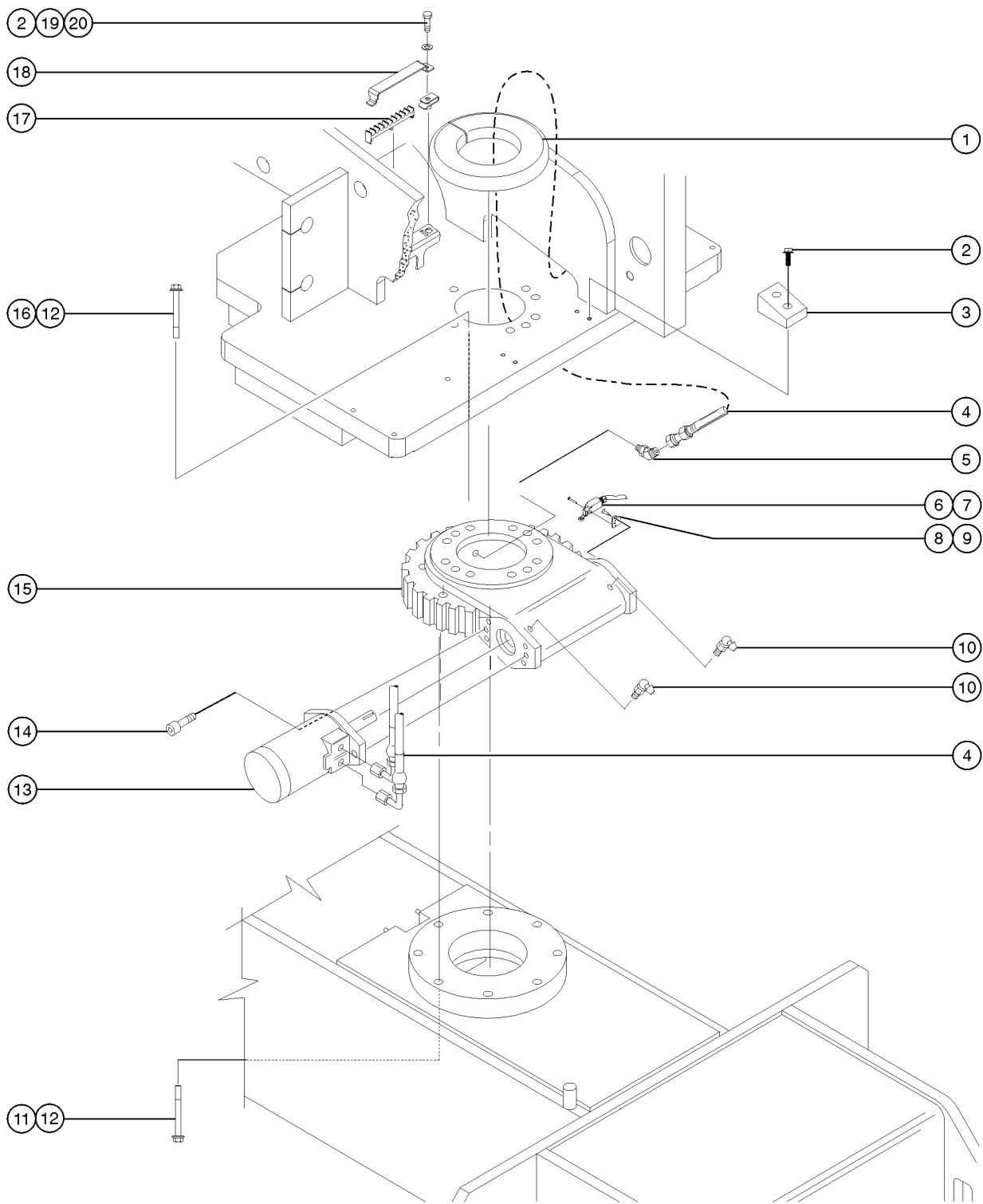
## 206.1 Power Cable Diagram



## 206.1 Power Cable Diagram

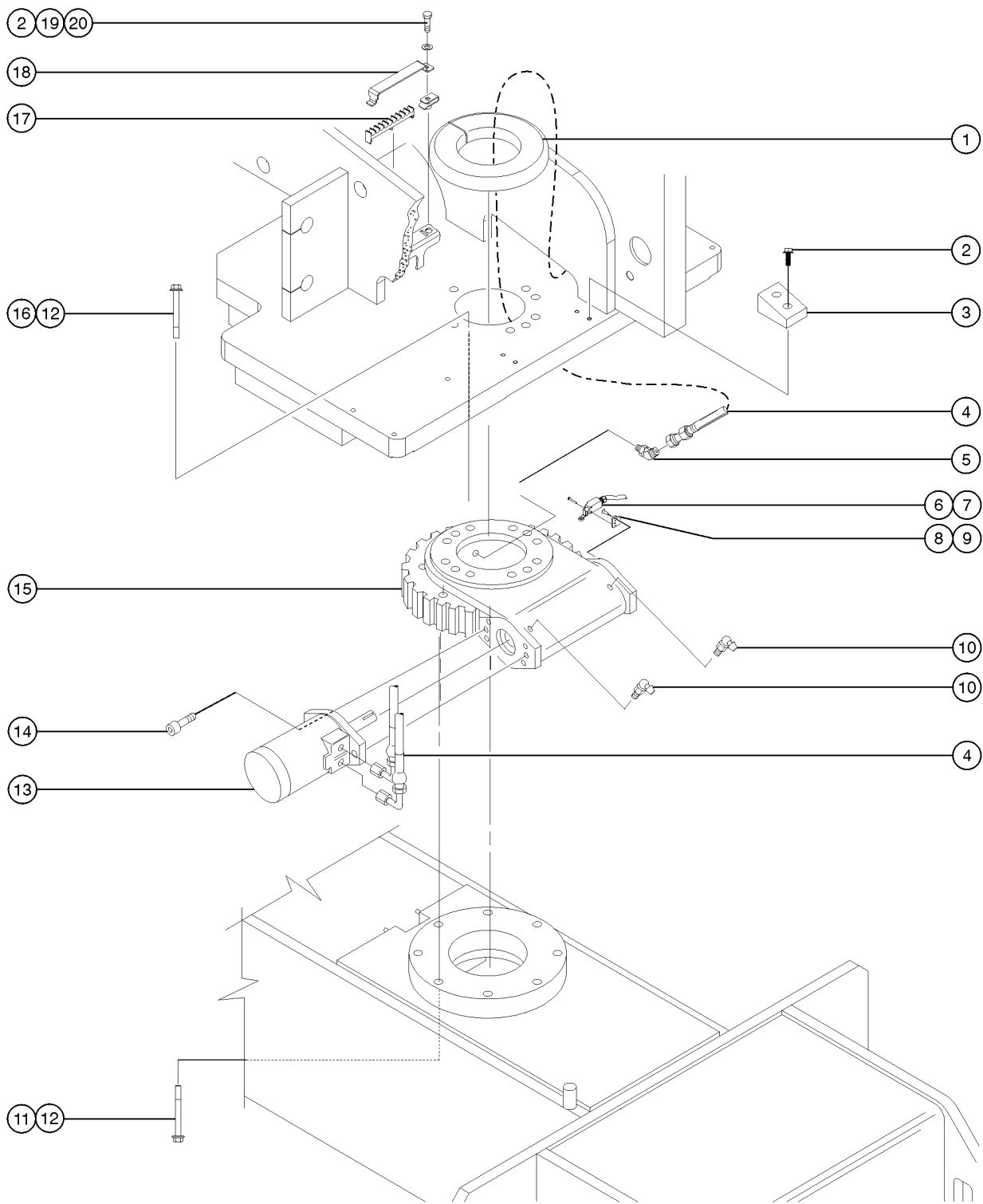
| Item | Part No. | Description                                                             | Qty. |
|------|----------|-------------------------------------------------------------------------|------|
| A-   | 139010GT | HARN ASSY, POWER DRIVE CHASS .....<br>includes 1 each items 5, 6 and 10 |      |
| B-   | 825066GT | HARN ASSY, POWER BATT PACK .....<br>includes 1 each items 1, 3, and 5   |      |
| C-   | 51147GT  | BOOT,CABLE TERMINAL,LG,RED,2/0 .....<br>(to SN Z30ND-2582)              |      |
| D-   | 8910GT   | BOOT,CABLE TERM,MED.RED,4/0 .....<br>(from SN Z30ND-2583)               |      |
| 1    | 128465GT | CABLE ASSY #2 RED BATT .....                                            | 2    |
| 2    | 19520GT  | BATTERY CABLE ASSY,9.5"JUMPER .....                                     | 6    |
| 3    | 128466GT | CABLE ASSY #2 BLK AP1/AP2 BATT .....                                    | 2    |
| 4    | 139019GT | CABLE ASSY #4 BLK LP-D1/AP-D1 .....                                     | 1    |
| 5    | 19436GT  | CONNECTOR,ANDERSON SB 175*** .....                                      | 4    |
| 5-   | 66397GT  | QUICK DISCONNECT CASING, BATT** .....                                   | 8    |
| 5-   | 128135GT | TERM CONTACTS #2GA SB175 BATT .....                                     | 8    |
| 6    | 128458GT | CABLE ASSY #2 RED AP1/AP2 DRIV .....                                    | 2    |
| 7    | 139018GT | CABLE ASSY #4 BLK B(-)/LP-D1 .....                                      | 1    |
| 8    | 139016GT | CABLE ASSY #4 RED PR2/LP-A1 .....                                       | 1    |
| 9    | 139017GT | CABLE ASSY #4 RED PR3/AP-A2 .....                                       | 1    |
| 10   | 128459GT | CABLE ASSY #2 BLK AP1/AP2 DRIV .....                                    | 2    |
| 11   | 139013GT | CABLE ASSY #2 BLK B(+)/PR1 .....                                        | 1    |
| 12   | 139020GT | WIRE ASSY #10 RED F1/F2 .....                                           | 1    |
| 13   | 139014GT | CABLE ASSY #2 BLK M(-)/A2 .....                                         | 1    |
| 14   | 139012GT | CABLE ASSY #2 BLK B(+)/A2 .....                                         | 1    |
| 15   | 139021GT | WIRE ASSY #10 RED F2/F1 .....                                           | 1    |
| 16   | 139015GT | CABLE ASSY #2 BLK A1/A1 .....                                           | 1    |
| 17   | 139022GT | WIRE ASSY #10 RED F1/F2 .....                                           | 1    |

301.1 Turntable Rotator



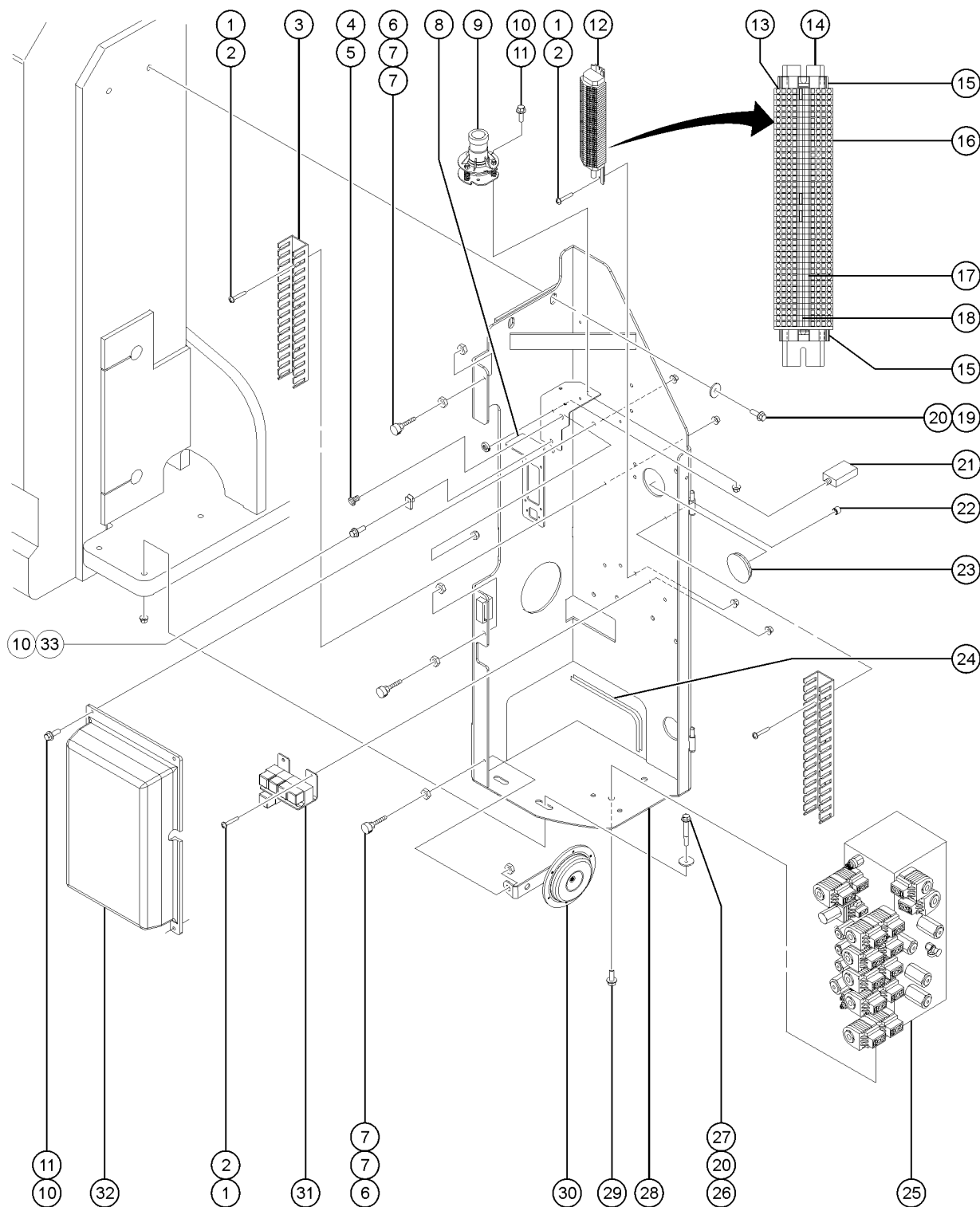
| Item | Part No.      | Description                                                                  | Qty. |
|------|---------------|------------------------------------------------------------------------------|------|
| 1    | 42363GT       | RING,HOSE PROTECTOR .....                                                    | 1    |
| 2    | 824090GT      | SCREW,HHF,3/8-16X1,8,ZAG .....                                               |      |
| 3    | 74256GT       | REST PAD, LOWER REST Z30N .....                                              | 2    |
| 4    |               | Ref. Hydraulic Hoses and Fittings (refer to 802.1) .....                     |      |
| 5    | 31194GT       | ELBOW,070302-4-2 .....                                                       |      |
| 6    | 824223GT      | SCREW,PHPM SEMS ET,10-32X1.25, .....                                         | 2    |
| 7    | 110637GT      | HARNESS LS3 OP DRIVE ENABLE .....                                            | 1    |
| 7-   | 88356-12103GT | SWITCH,LIMIT,W/ROLLER ARM .....                                              | 1    |
| 7-   | 43960GT       | WIRE CABLE,16/4 CON.TPE JKT .....                                            | 50   |
| 7-   | 119762GT      | CONN PLUG 4 WAY EXTEND DT .....                                              | 1    |
| 7-   | 73714GT       | TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP .... | 4    |
| 7-   | 60429GT       | LOCK,PLUG 4 WAY,14-18GA .....                                                | 1    |
| 8    | 824224GT      | SCREW,FHPM,10-32X.5,ZAG .....                                                | 2    |
| 9    | 119917GT      | PLATE, TURNTABLE LS. MT. ....<br>US part number                              | 1    |
| 9B   | 1281270GT     | PLATE, TURNTABLE LS. MT. METRIC ....<br>China part number                    | 1    |
| 10   | 22794GT       | ZERK,GREASE,1/8 NPT,45DEG .....                                              |      |
| 11   | 1263141GT     | SCREW,HHC,5/8-11X5.5,8,ZAG .....                                             | 8    |
| 12   | 1256182GT     | WASHER,FLAT,5/8,F436,HRD,ZAG .....                                           | 20   |
| 13   | 128453GT      | MOTOR,TURNTABLE,125CC*** .....                                               | 1    |
|      |               | replaced by 1318714GT                                                        |      |
| 13-  | 84312GT       | SEAL KIT,ROTATE MOTOR .....                                                  | 1    |
| 13B  | 1318714GT     | MOTOR, TURNTABLE,125CC .....                                                 | 1    |
| 14   | 824102GT      | SCREW, SHC, 1/2-13 X 1.5, A574, ZAG .....                                    | 2    |
| 15   | 1320883GT     | ROTATOR, TURNTABLE ASSEMBLY .....                                            | 1    |
| 15-  | 1338495GT     | KIT, SHIM AND SEAL, TURNTABLE WORM GEAR .....                                |      |
| 15-  | 1338496GT     | KIT, MOTOR ADAPTER AND END CAP, TURNTABLE WORM GEAR .....                    |      |
| 15-  | 1338497GT     | KIT, HARDWARE, TURNTABLE WORM GEAR .....                                     |      |
| 15-  | 1321313GT     | SHIM KIT,TURNTABLE .....                                                     |      |
|      |               | for 1320883                                                                  |      |
| 15-  | 1321314GT     | MOTOR ADAPTER, TURNTABLE .....                                               |      |
|      |               | for 1320883                                                                  |      |

301.1 Turntable Rotator



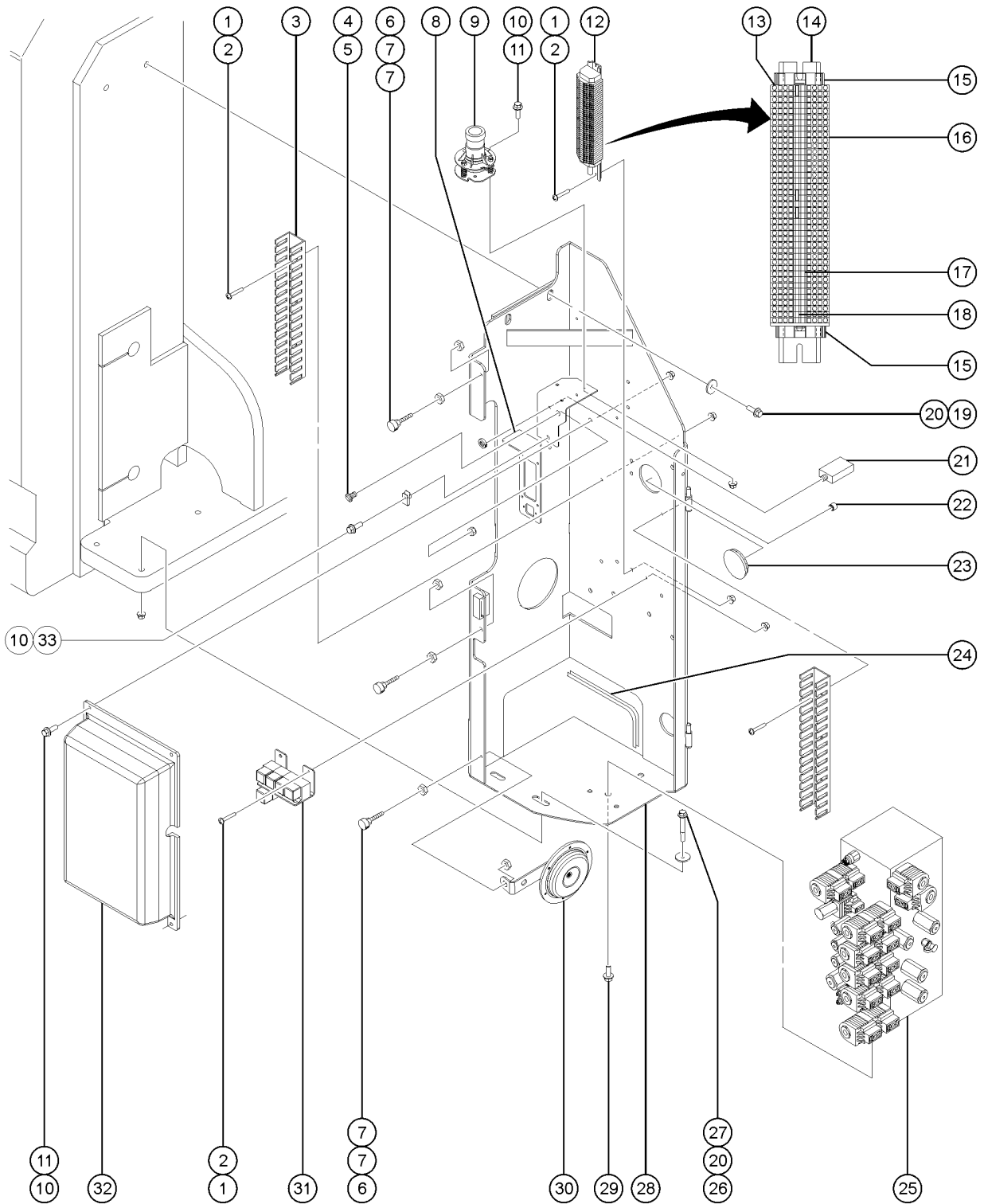
| Item | Part No.  | Description                                                   | Qty. |
|------|-----------|---------------------------------------------------------------|------|
| 15-  | 1321315GT | TAPER ROLLER BEARING, CUP, TURNTABLE .....<br>for 1320883     |      |
| 15-  | 1321316GT | END CAP, TURNTABLE .....<br>for 1320883                       |      |
| 15-  | 1321317GT | WORM SHAFT, TURNTABLE .....<br>for 1320883                    |      |
| 15-  | 1321318GT | HOUSING, TURNTABLE .....<br>for 1320883                       |      |
| 15-  | 1321319GT | OIL SEAL (TC 55 72 9), TURNTABLE .....<br>for 1320883         |      |
| 15-  | 1321320GT | OIL SEAL (TC 38 58 11), TURNTABLE .....<br>for 1320883        |      |
| 15-  | 1321321GT | O-RING(G75, NBR), TURNTABLE .....<br>for 1320883              |      |
| 15-  | 1321322GT | GREASE NIPPLE (PT1/8-B-TYPE), TURNTABLE .....<br>for 1320883  |      |
| 15-  | 1321323GT | SLEWING BEARING ASSEMBY, TURNTABLE .....<br>for 1320883       |      |
| 15-  | 1322056GT | SCREW, M10 X 35-12.9-DACR, TURNTABLE .....<br>for 1320883     |      |
| 15-  | 1322057GT | SCREW, M10 X 30-12.9-DACR, TURNTABLE .....<br>for 1320883     |      |
| 15-  | 1322058GT | OIL SEAL, OD72, TURNTABLE .....<br>for 1320883                |      |
| 15-  | 1322059GT | POSITIONING SCREW, TURNTABLE .....<br>for 1320883             |      |
| 15-  | 1322060GT | SCREW, M8X45-8.8-DACR, TURNTABLE .....<br>for 1320883         |      |
| 16   | 139866GT  | SCREW,HHC,5/8-11X4.50GR8 PLAIN .....<br>(to SN Z30N16F-17573) | 12   |
| 16B  | 1263142GT | SCREW,HHC,5/8-11X4.5,8,ZAG .....<br>(from SN Z30N16F-17574)   | 12   |
| 17   | 106959GT  | GUIDE,HOSE .....<br>US part number                            | 1    |
| 18   | 106960PGT | FORMING,HOSE LOCK,PAINTED .....<br>US part number             | 1    |
| 18B  | 1281268GT | FORMING,HOSE LOCK,PAINTED, METRIC .....<br>China part number  | 1    |
| 19   | 5397GT    | WASHER,FLAT,5/16,USS,ZAG .....<br>China part number           | 1    |
| 20   | 824213GT  | SPRING CLIP, 3/8-16, ZAG .....<br>China part number           | 1    |

302.1 Ground Controls Side



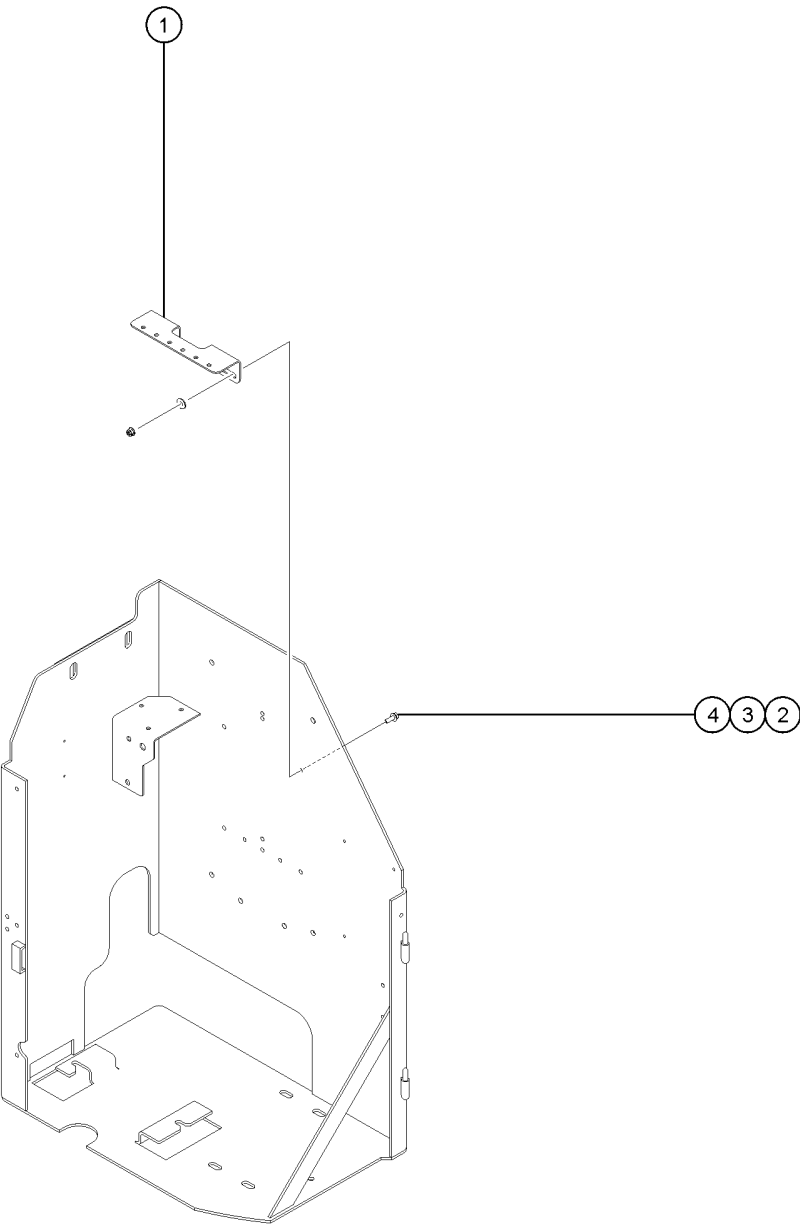
| Item | Part No.  | Description                                                   | Qty. |
|------|-----------|---------------------------------------------------------------|------|
| A-   | 74920GT   | MARKING TAGS,# 1-10,WIELAND .....                             |      |
| B-   | 74921GT   | MARKING TAGS,# 11-20,WIELAND .....                            |      |
| C-   | 74922GT   | MARKING TAGS,# 21-30,WIELAND .....                            |      |
| D-   | 74923GT   | MARKING TAGS,# 31-40,WIELAND .....                            |      |
| E-   | 74924GT   | MARKING TAGS,# 41-50,WIELAND** .....                          |      |
| F-   | 74925GT   | MARKING TAGS,# 51-60,WIELAND .....                            |      |
| 1    | 824215GT  | SCREW, PHPM, 10-32 X .75, ZAG .....                           | 8    |
| 2    | 824032GT  | NUT, TL FLG, 10-32, F, ZAG .....                              | 8    |
| 3    | 28298GT   | WIRING DUCT, 1.5 X 1.5 .....                                  | 2    |
| 3B   | 1262218GT | COVER, DUCT, WIRING .....                                     |      |
| 4    | 824878GT  | LIGHT,LED IND. RED 24V NH .....                               | 1    |
| 5    | 814884GT  | LOCKWASHER,LT IND. OD.868/530 .....                           | 1    |
| 6    | 36388GT   | BUMPER,RUBBER,.75 X .50H,STUD .....                           | 3    |
| 7    | 824037GT  | NUT, HH JAM, 1/4-20, A, ZAG .....                             | 6    |
| 8    | 119618GT  | FORMING,BRACKET .....                                         | 1    |
|      |           | US part number                                                |      |
| 8B   | 1281269GT | FORMING,BRACKET, METRIC .....                                 | 1    |
|      |           | China part number                                             |      |
| 9    | 94077GT   | SENSOR,LEVEL 4.5 DEG .....                                    | 1    |
|      |           | ANSI models; white ring, to SN Z30D-288                       |      |
| 9B   | 110382GT  | LEVEL SENSOR,LS60,YL,2.5X4.5 .....                            | 1    |
|      |           | CE models; yellow ring, to SN Z30D-288                        |      |
| 9C   | 42439GT   | SENSOR,LEVEL 3 DEG** .....                                    | 1    |
|      |           | AUS models; black ring, to SN Z30D-288                        |      |
| 9D   | 1261984GT | SENSOR, LEVEL, 4.5 X 4.5 DEG .....                            | 1    |
|      |           | ANSI models; white ring, from SN Z30D-289                     |      |
| 9E   | 1263187GT | SENSOR, LEVEL,2.5 X 4.5 DEG .....                             | 1    |
|      |           | CE models; yellow ring, from SN Z30D-289                      |      |
| 9F   | 1288895GT | SENSOR,LEVEL 3 DEG .....                                      | 1    |
|      |           | AUS models; black ring, from SN Z30D-289                      |      |
| 10   | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....                              | 9    |
| 11   | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                             | 8    |
| 12   | 216788GT  | ASSY,TERMINAL RAIL,Z30/34DC .....                             |      |
|      |           | ANSI to SN 16298; CE to SN 16278; includes items 13-16 and 18 |      |
| 12B  | 1259574GT | TERMINAL RAIL, Z30/34DC .....                                 |      |
|      |           | ANSI from SN 16299; CE from SN 16279; includes items 13-18    |      |
| 13   | 216793GT  | TERMINAL BLOCK END PLATE .....                                | 1    |
| 14   | 56994GT   | DIN RAIL,11.25" .....                                         |      |

302.1 Ground Controls Side



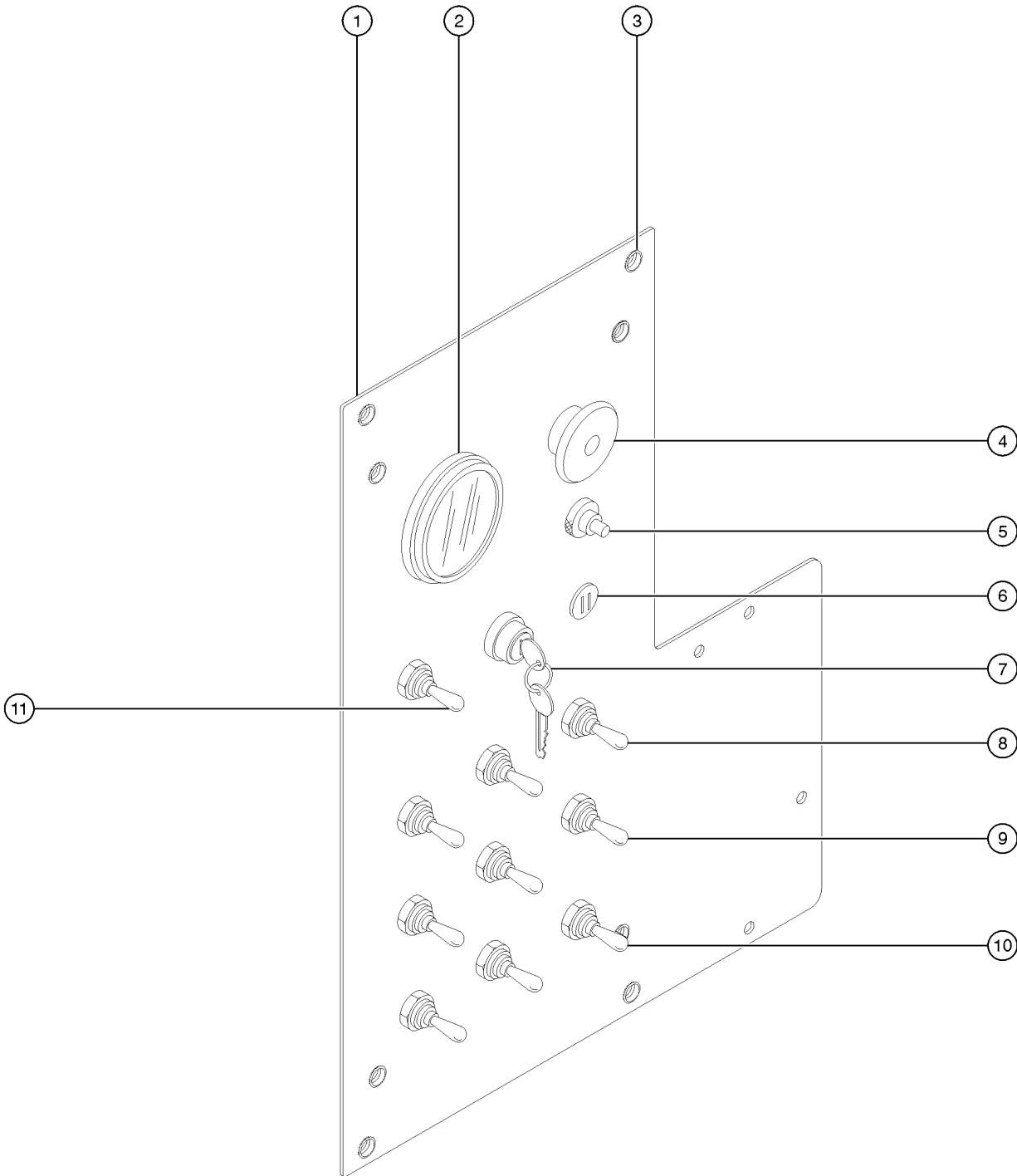
| Item | Part No.  | Description                                                             | Qty. |
|------|-----------|-------------------------------------------------------------------------|------|
| 15   | 74913GT   | END STOP, DIN RAIL,SCREW CLAMP .....                                    | 2    |
| 16   | 217046GT  | KIT, TERMINAL BLOCK<br>use if replacing a jumpered terminal block ..... |      |
| 16B  | 216791GT  | TERMINAL BLOCK,WIELAND .....                                            | 26   |
|      |           | to SN 16283                                                             |      |
| 16C  | 216791GT  | TERMINAL BLOCK,WIELAND .....                                            | 28   |
|      |           | from SN 16284                                                           |      |
| 17   | 74918GT   | JUMPER COMB, 3-WAY,WIELAND .....                                        | 1    |
|      |           | from SN 16284                                                           |      |
| 18   | 74917GT   | JUMPER COMB, 2-WAY,WIELAND .....                                        | 3    |
| 19   | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....                                 | 2    |
| 20   | 824120GT  | WASHER, FLAT, .375 X 1.50 X .125, ZAG .....                             | 4    |
| 21   | 147093GT  | ASSY, CIRCUIT BREAKER 10A .....                                         | 1    |
|      |           | includes mounting fastener                                              |      |
| 22   | 23404GT   | NUTSERT,1/4-20,STEEL CAD PLTD .....                                     |      |
| 23   | 39640GT   | PLUG,NYLON 2.50 BLACK DOMED .....                                       | 1    |
| 24   | 19018GT   | TRIMLOCK,BLACK,5/32" .....                                              | 23   |
| 25   |           | Ref. Function Manifold (refer to 701.1) .....                           |      |
| 26   | 824095GT  | SCREW, HHF, 3/8-16 X 3, 8, ZAG .....                                    | 2    |
| 27   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                                       | 2    |
| 28   | 56875GT   | WELD,COVER SUPPORT LH Z30N* .....                                       | 1    |
|      |           | US part number                                                          |      |
| 28B  | 1283366GT | WELD,COVER SUPPORT LH Z30N*, METRIC .....                               | 1    |
|      |           | China part number                                                       |      |
| 29   | 824090GT  | SCREW,HHF,3/8-16X1,8,ZAG .....                                          | 2    |
| 30   | 1311282GT | HORN,24VDC,SPADE TERMINALS .....                                        | 1    |
| 31   | 56791GT   | ANGLE RELAY MOUNTING .....                                              |      |
| 31B  | 56302GT   | RELAY,24VDC,40/30A,SEALED*** .....                                      | 7    |
|      |           | to SN 16283                                                             |      |
| 31C  | 56302GT   | RELAY,24VDC,40/30A,SEALED*** .....                                      | 8    |
|      |           | from SN 16284                                                           |      |
| 31D  | 56318GT   | BRACKET .....                                                           | 1    |
| 31E  | 56319GT   | EDC FEMALE CONNECTOR - 4 PRONG .....                                    |      |
| 31F  | 824215GT  | SCREW, PHPM, 10-32 X .75, ZAG .....                                     |      |
| 31G  | 824032GT  | NUT, TL FLG, 10-32, F, ZAG .....                                        |      |
| 32   | 110626GT  | COVER,TERMINAL STRIP, CONN .....                                        | 1    |
| 33   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                               | 1    |

302.2 Ground Controls Side



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------|-------------|
| 1           | 1298550GT       | BRACKET, RELAY MOUNT .....        | 1           |
| 2           | 824078GT        | SCREW,HHF,1/4-20X.75,8,ZAG .....  | 2           |
| 3           | 824113GT        | WASHER,FLAT,USS,1/4,ZAG .....     | 2           |
| 4           | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG ..... | 2           |

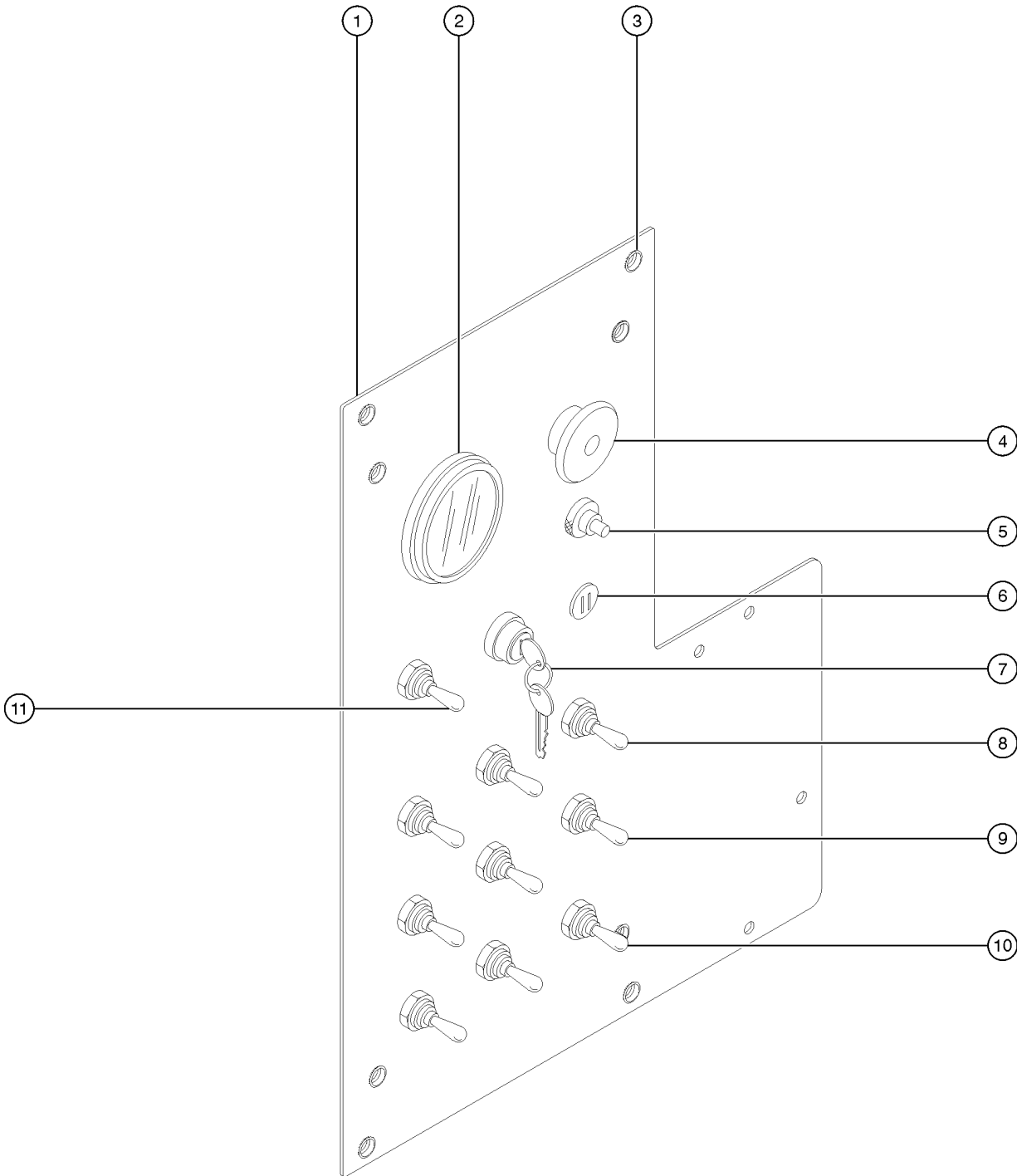
303.1 Ground Control Panel



## 303.1 Ground Control Panel

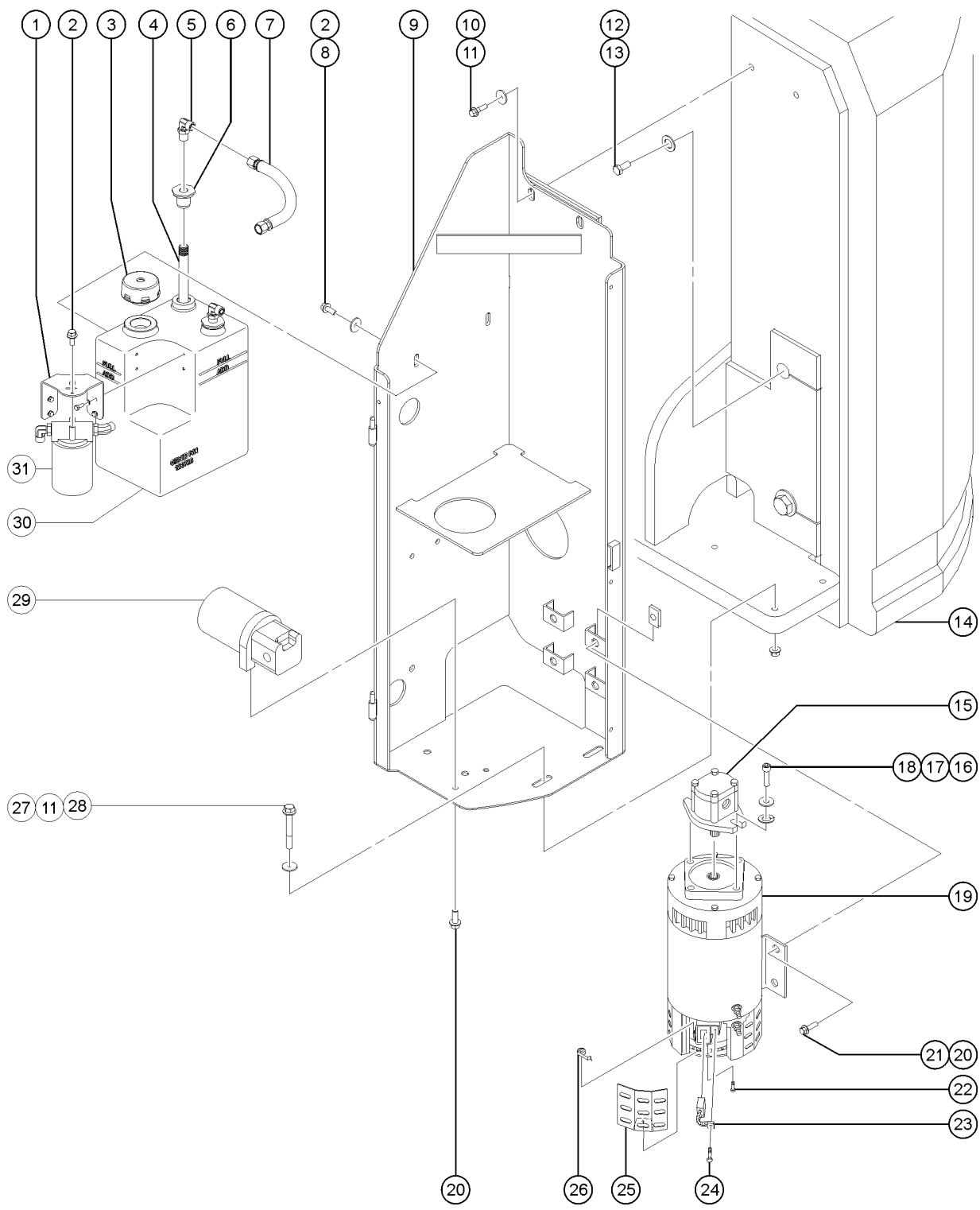
| Item | Part No.  | Description                                                                           | Qty. |
|------|-----------|---------------------------------------------------------------------------------------|------|
| A-   | 56445GT   | DIODE,6 AMP 200 PIV,REEL .....                                                        |      |
| B-   | 37947GT   | KEYS,10 PACK*** .....                                                                 |      |
| 1    | 94512GT   | PANEL,GROUND CONTROL BOX***<br>US part number .....                                   |      |
| 1B   | 1281264GT | PANEL,GROUND CONTROL BOX, METRIC<br>China part number .....                           |      |
| 2    | 19506GT   | HOUR METER, 10-80 VOLTS*** .....                                                      | 1    |
| 3    | 23404GT   | NUTSERT,1/4-20,STEEL CAD PLTD .....                                                   |      |
| 4    | 122514GT  | KIT,ESTOP SVC BB&SM BOOM .....                                                        | 1    |
| 4-   | 66812GT   | BUTTON,PUSH,RED MUSHROOM HEAD .....                                                   | 1    |
| 4-   | 66818GT   | CONTACT,NC .....                                                                      | 2    |
| 4-   | 66821GT   | BASE,WITHOUT CONTACTS .....                                                           | 1    |
| 5    | 147093GT  | ASSY, CIRCUIT BREAKER 10A<br>includes jam nut .....                                   | 1    |
| 6    | 13511GT   | RECEPTICAL,SNAP-IN (1450G1)***<br>receptacle for 13930GT .....                        | 1    |
| 6B   | 13930GT   | SWITCH ASSY,REMOTE BRAKE REL. ....                                                    |      |
| 7    | 96008-SGT | KEYSWITCH,3 POS. W/KEYS*** .....                                                      | 1    |
| 7-   | 21982GT   | KEY,SINGLE*** .....                                                                   | 1    |
| 7-   | 83093GT   | KEY SINGLE***<br>key with rubber boot .....                                           |      |
| 7-   | 85239GT   | RETAINER NUT (96008)*** .....                                                         |      |
| 7-   | 88827GT   | GASKET,KEYSWITCH,PLASTIC*** .....                                                     |      |
| 7-   | 824218GT  | SCREW,PHPM SEMS ET,8-32X.25,ZA .....                                                  |      |
| 8    | 16397-SGT | SWITCH,TOGGLE,DPDT,3POS MOMEN<br>includes mounting fasteners; Z-30/20NRJ models ..... | 1    |
| 8-   | 19268GT   | DIODE ASSEMBLY .....                                                                  |      |
| 8-   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                       |      |
| 8-   | 54692GT   | SPACER,NYLON,.718 X .526 X.219 .....                                                  |      |
| 9    | 16397-SGT | SWITCH,TOGGLE,DPDT,3POS MOMEN<br>includes mounting fasteners .....                    | 7    |
| 9-   | 19268GT   | DIODE ASSEMBLY .....                                                                  |      |
| 9-   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                       |      |
| 9-   | 54692GT   | SPACER,NYLON,.718 X .526 X.219 .....                                                  |      |
| 10   | 13037-SGT | SWITCH,TOGGLE,SPDT,3POS MOMEN*<br>includes mounting fasteners .....                   | 1    |

303.1 Ground Control Panel



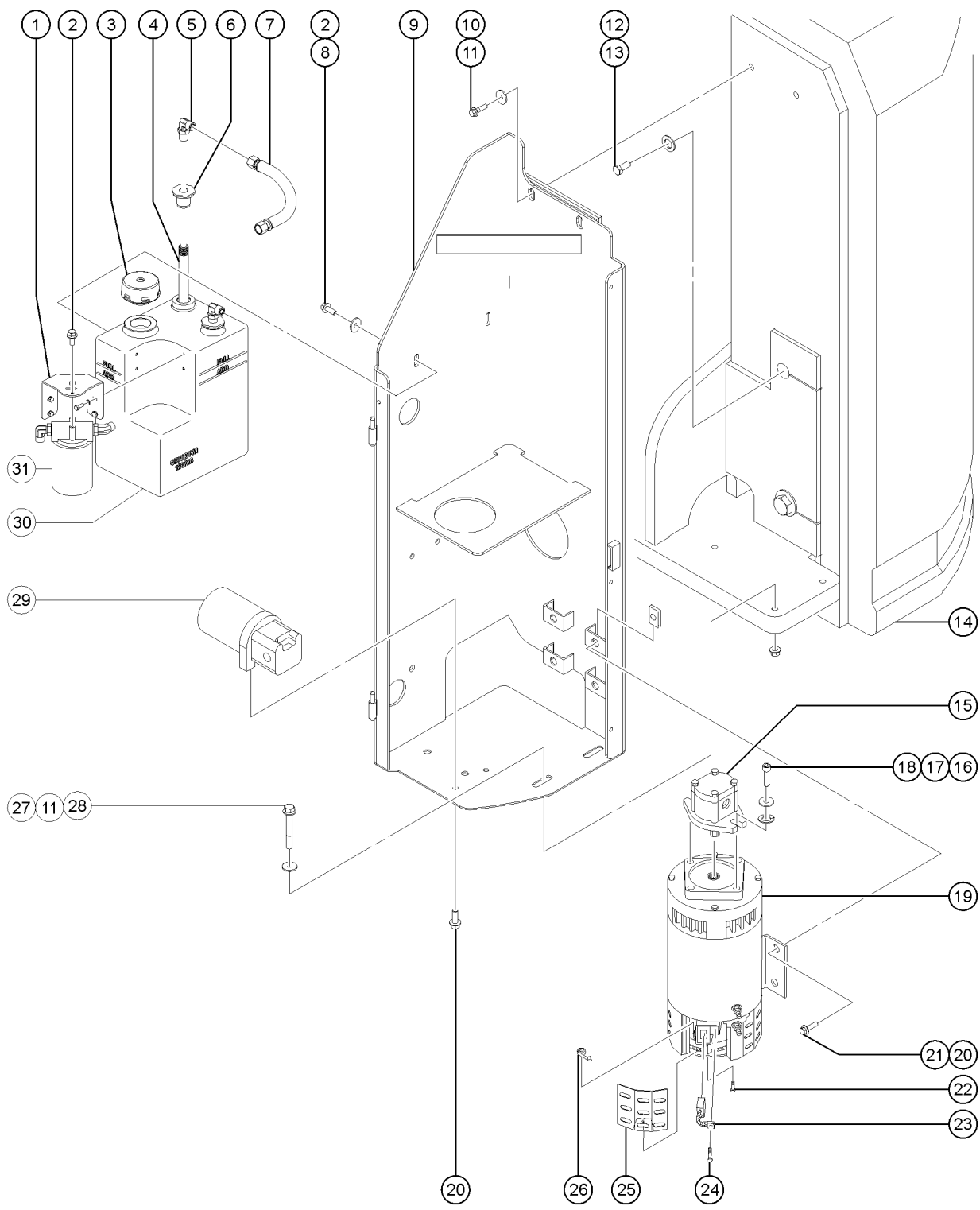
| Item | Part No.  | Description                          | Qty. |
|------|-----------|--------------------------------------|------|
| 10-  | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....      |      |
| 10-  | 54692GT   | SPACER,NYLON,.718 X .526 X.219 ..... |      |
| 11   | 13480-SGT | SWITCH,TOGGLE,DPDT,2POS MOMEN .....  | 1    |
|      |           | includes mounting fasteners          |      |
| 11-  | 13471GT   | COVER, AUXILIARY POWER SWITCH .....  |      |
| 11-  | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....      |      |
| 11-  | 54692GT   | SPACER,NYLON,.718 X .526 X.219 ..... |      |

304.1 Power Unit Side



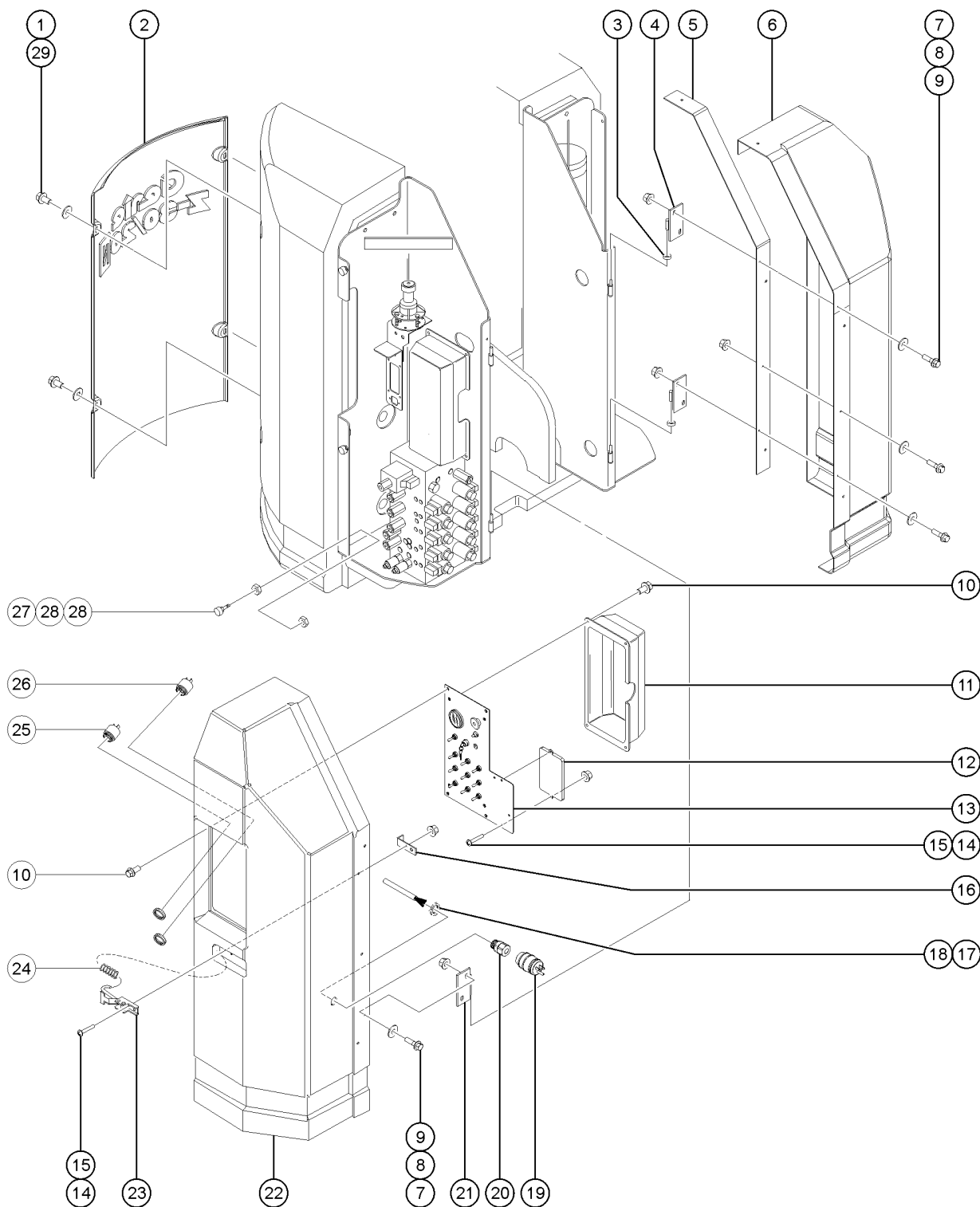
| Item | Part No.     | Description                                                  | Qty. |
|------|--------------|--------------------------------------------------------------|------|
| 1    | 128808GT     | BRACKET, RETURN FILTER .....<br>US part number               | 1    |
| 1B   | 1281275GT    | BRACKET, RETURN FILTER, METRIC .....<br>China part number    | 1    |
| 2    | 824077GT     | SCREW, HHF, 1/4-20 X .5, 8, ZAG .....                        |      |
| 3    | 42019GT      | TANK BREATHER,NYLON ** .....                                 | 1    |
| 4    | 128818GT     | TUBE, HYDRAULIC TANK .....                                   | 2    |
| 5    | 128811GT     | ELBOW,90D,520201-8 .....                                     | 2    |
| 6    | 39223GT      | BULKHEAD FITTING,PLASTIC X 8** .....                         | 2    |
| 7    | 81812-1188GT | ASSY, HOSE, HYD, -8, 2500, STR, STR .....                    | 1    |
| 8    | 824119GT     | WASHER, FLAT, .25 X 1.25 X .062, ZAG .....                   | 2    |
| 9    | 94428GT      | WELDMENT,COVER SUPPORT RH*** .....<br>US part number         |      |
| 9B   | 1283371GT    | WELDMENT,COVER SUPPORT RH, METRIC .....<br>China part number |      |
| 10   | 824091GT     | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....                      | 2    |
| 11   | 824120GT     | WASHER, FLAT, .375 X 1.50 X .125, ZAG .....                  | 4    |
| 12   | 824074GT     | SCREW,HHC,1-8X3,8,ZAG .....                                  | 2    |
| 13   | 824116GT     | WASHER,FLAT,1.0,F436,HRD,ZAG .....                           | 2    |
| 14   | 36086GT      | COUNTERWEIGHT,Z30N .....<br>cast iron; 5330 pounds           | 1    |
| 15   | 1295585GT    | PUMP, LIFT, 3CC, CCW .....                                   | 1    |
| 15-  | 77990GT      | KIT,SEAL,3CC PUMP*** .....                                   |      |
| 16   | 824100GT     | SCREW, SHC, 3/8-24 X 1.25, A574, ZAG .....                   | 2    |
| 17   | 824110GT     | WASHER, LOCK, 3/8, ZAG .....                                 | 2    |
| 18   | 825358GT     | WASHER,FLAT,5/16,USS,ZAG .....                               | 2    |
| 19   | 48504GT      | MOTOR,FUNCTION,48V DC .....<br>(US part number)              | 1    |
| 19-  | 44778GT      | BEARING,MOTOR,36843,BRUSH END* .....<br>drive end            | 1    |
| 19-  | 44777GT      | BEARING,MOTOR .....<br>commutator end                        |      |
| 19-  | 52915GT      | BRUSH LEAD ASSEMBLY KIT(48504) .....                         |      |
| 19-  | 58933GT      | BRUSH SPRING SET .....                                       |      |
| 19-  | 58934GT      | BRUSH BOX ASSEMBLY .....                                     |      |
| 19B  | 1263609GT    | MOTOR,FUNCTION,48V DC,XINYU .....<br>(China part number)     | 1    |

304.1 Power Unit Side



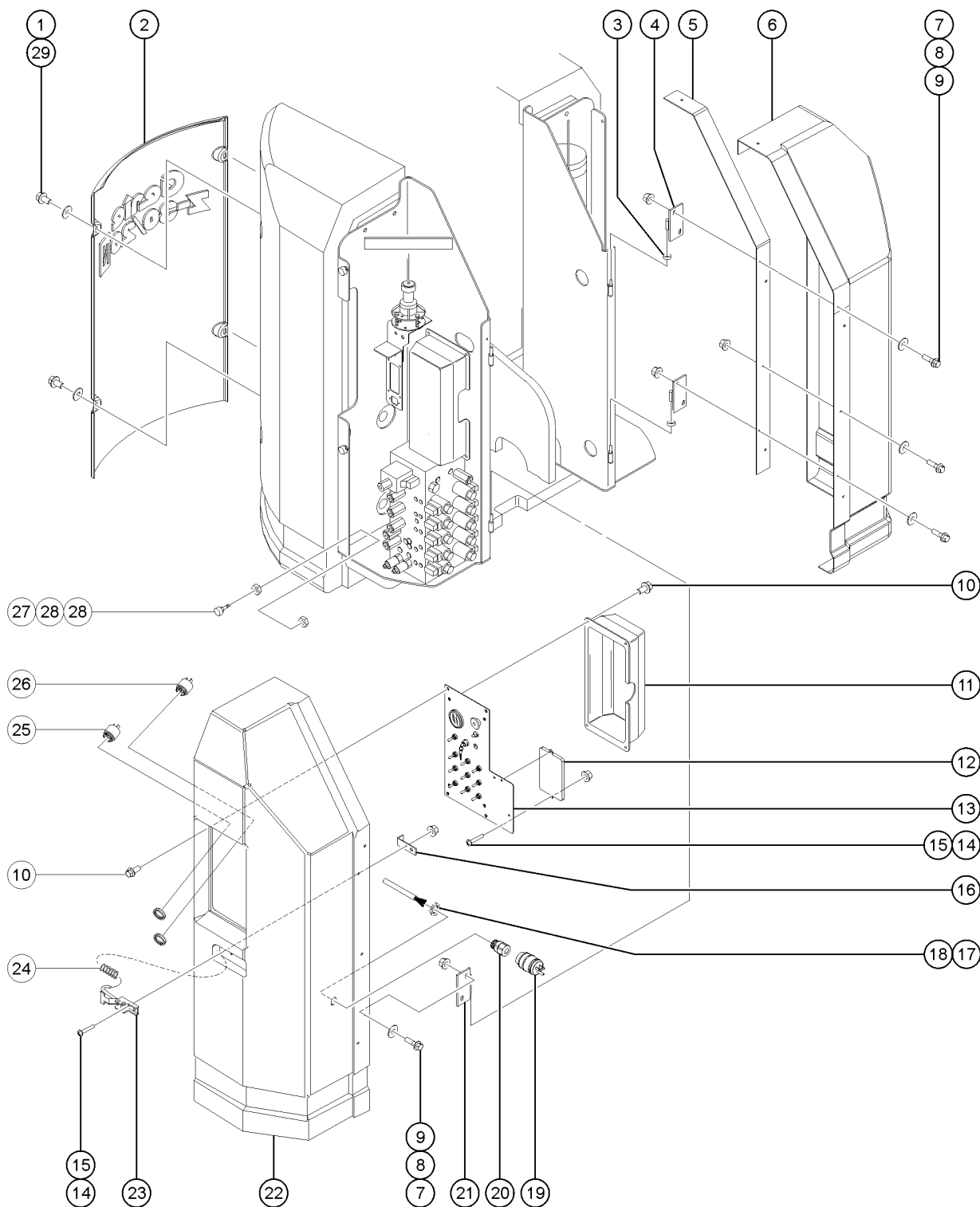
| Item | Part No.  | Description                                   | Qty. |
|------|-----------|-----------------------------------------------|------|
| 20   | 824085GT  | SCREW, HHF, 5/16-18 X .75, 8, ZAG .....       | 6    |
| 21   | 36456GT   | SPRING CLIP, 5/16-18, .025-.15X.83, ZAG ..... | 4    |
| 22   | 52914GT   | SCREW, HHTAPTITE THREAD8-32X.38 .....         |      |
| 23   | 58932GT   | BRUSH SET 4 EA .....                          | 1    |
| 24   | 52913GT   | SCREW, HH TAPETITE THRD8-32X.50 .....         |      |
| 25   | 58936GT   | BRUSH COVER -PLATE-(48504)* .....             |      |
| 26   | 58933GT   | BRUSH SPRING SET .....                        |      |
| 27   | 824095GT  | SCREW, HHF, 3/8-16 X 3, 8, ZAG .....          | 2    |
| 28   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....             | 2    |
| 29   | 36179GT   | POWER UNIT, AUX PUMP 24VDC .....              | 1    |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37184GT   | MOTOR, 24V (36179) .....                      |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37185GT   | PUMP ASSEMBLY (36179) .....                   |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37186GT   | VALVE, CHECK (36179) .....                    |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37187GT   | SEAL KIT, 37185 PUMP .....                    |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37191GT   | GASKET, PUMP / MOTOR (36179) .....            |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29-  | 37192GT   | COUPLER, PUMP / MOTOR (36179) .....           |      |
|      |           | (to SN Z30ND-1749)                            |      |
| 29B  | 1309537GT | POWER UNIT, AUX PUMP, 24VDC .....             | 1    |
|      |           | (from SN Z30ND-1750)                          |      |
| 30   | 128728GT  | HYDRAULIC TANK, Z30N .....                    | 1    |
| 31   | 78622GT   | FILTER ASSY, SAE8, 10 MIC, PAPR** .....       | 1    |
| 31-  | 44788GT   | FILTER ELEMENT-10MICRON, PAPER* .....         |      |

305.1 Turntable Covers



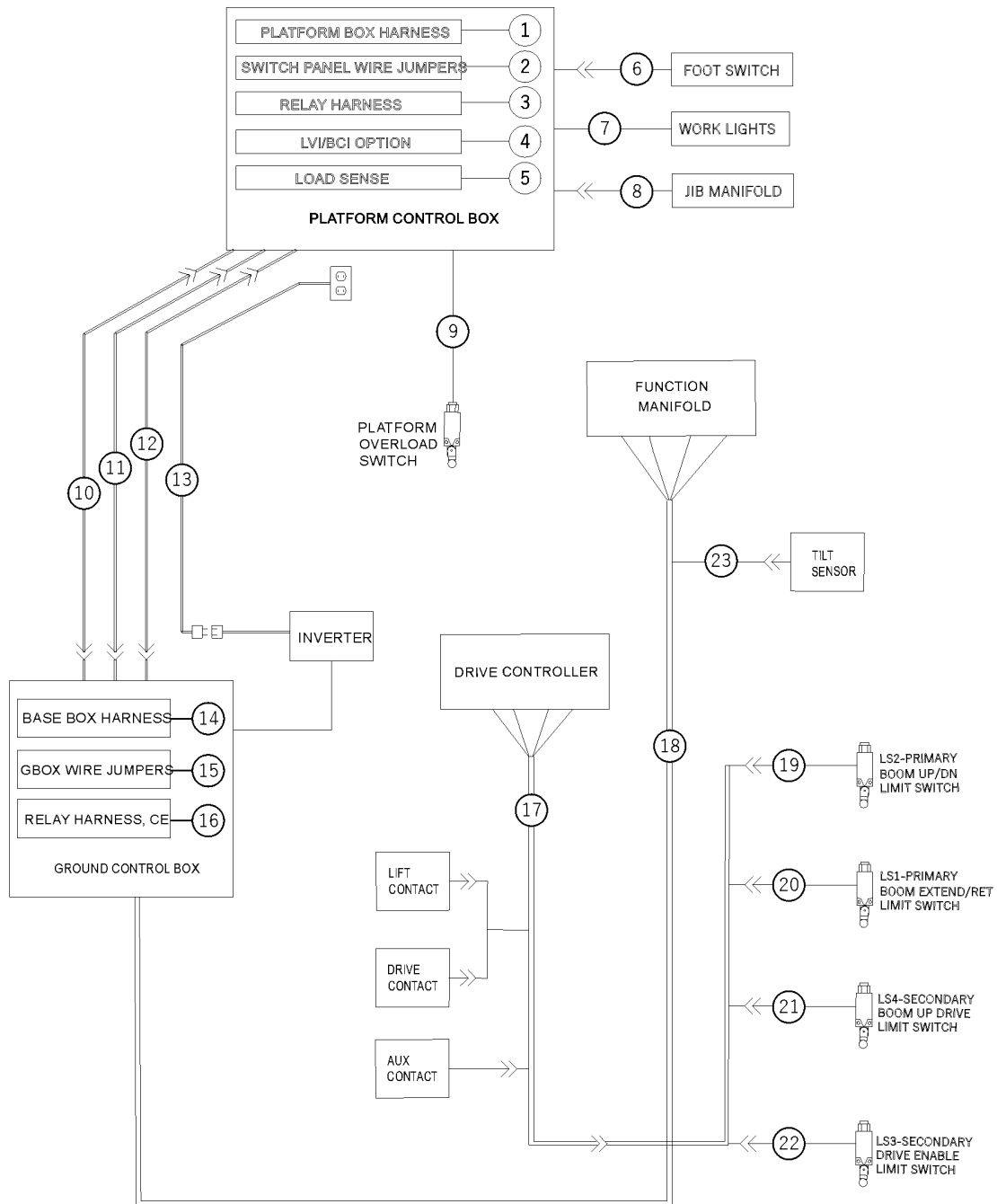
| Item | Part No.  | Description                                      | Qty. |
|------|-----------|--------------------------------------------------|------|
| 1    | 824089GT  | SCREW, HHF, 3/8-16 X .75, 8, ZAG .....           | 4    |
| 2    | 58108GT   | COVER W/DECALS,COUNTERWEIGHT** .....             | 1    |
| 3    | 36457GT   | WASHER,THRUST,.313 X .50 X .10 .....             |      |
| 4    | 36414GT   | HINGE,WELD.,COVER,PUMP GRY/BLU .....             | 2    |
|      |           | US part number                                   |      |
| 4B   | 1281281GT | HINGE,WELD.,COVER,PUMP GRY/BLU, METRIC .....     | 2    |
|      |           | China part number                                |      |
| 5    | 36391GT   | BRACE,RIGHT HINGE .....                          | 1    |
|      |           | US part number                                   |      |
| 5B   | 1281279GT | BRACE,RIGHT HINGE, METRIC .....                  | 1    |
|      |           | China part number                                |      |
| 6    | 101969GT  | COVER ASSY W/DECAL,PUMP SIDE .....               |      |
|      |           | includes items 15-16 and 23                      |      |
| 6B   | 101970GT  | COVER ASSY W/SYM DCAL,PUMP SID .....             |      |
|      |           | includes items 15-16 and 23                      |      |
| 7    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                   | 10   |
| 8    | 824119GT  | WASHER, FLAT, .25 X 1.25 X .062, ZAG .....       | 10   |
| 9    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                | 10   |
| 10   | 824077GT  | SCREW, HHF, 1/4-20 X .5, 8, ZAG .....            | 8    |
| 11   | 36257GT   | COVER,CONTROL PANEL .....                        | 1    |
| 12   | 128045GT  | MODULE,LOAD SENSE 2007 .....                     | 1    |
| 13   |           | Ref. Ground Control Panel (refer to 303.1) ..... |      |
| 14   | 824215GT  | SCREW, PHPM, 10-32 X .75, ZAG .....              | 6    |
| 15   | 824032GT  | NUT, TL FLG, 10-32, F, ZAG .....                 | 6    |
| 16   | 36570GT   | BRACKET,COVER LATCH .....                        | 2    |
|      |           | US part number                                   |      |
| 16B  | 1281342GT | BRACKET,COVER LATCH, METRIC .....                | 2    |
|      |           | China part number                                |      |
| 17   | 6935GT    | LOCKNUT,CONN, SQZ, 1/2NPT .....                  | 1    |
| 18   | 43956GT   | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....          |      |
| 19   | 119403GT  | CONN,PLUG 120 AC/15A DOMESTIC .....              | 1    |
| 19B  | 119404GT  | CONN,RECEP 120AC/15A DOMESTIC .....              |      |
| 19C  | 144161GT  | PLUG,POWER,UK,16AMP,3PIN .....                   |      |
| 19D  | 25388GT   | PLUG,FUSED,250V,13AMP,U.K.** .....               |      |
| 19E  | 1280665GT | PLUG, TYPE F, 230V, 50HZ, 16A, IP44 .....        |      |
|      |           | EU plug                                          |      |
| 20   | 7056GT    | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....            | 1    |

305.1 Turntable Covers



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                        | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------------------------------------------------------|-------------|
| 21          | 36415GT         | HINGE,WELD,COVER,CTRLS GRY/BLU .....<br>US part number                                    | 2           |
| 21B         | 1281282GT       | HINGE,WELD,COVER,CTRLS GRY/BLU, METRIC .....<br>China part number                         | 2           |
| 22          | 101967GT        | COVER ASSY W/DECAL,GRND CTRL .....<br>ANSI/CSA/AUS; includes items 15-16 and 23           |             |
| 22A-        | 36392GT         | BRACE,LEFT HINGE .....<br>US part number                                                  |             |
| 22A-        | 1281280GT       | BRACE,LEFT HINGE, METRIC .....<br>China part number                                       |             |
| 22B         | 101968GT        | COVER ASSY W/SYM DCAL,GC SIDE .....<br>CE/Asia/S. America; includes items 14-16 and 23-24 |             |
| 22B-        | 36392GT         | BRACE,LEFT HINGE .....<br>China part number                                               |             |
| 22B-        | 1281280GT       | BRACE,LEFT HINGE, METRIC .....<br>China part number                                       |             |
| 23          | 36575GT         | LATCH,ADJUSTABLE DRAW ..... 2                                                             | 2           |
| 24          | 36574GT         | SPRING,EXTENSION,.36 X 1.25 ..... 2                                                       | 2           |
| 25          | 18963GT         | ALARM, INTERMITTENT TONE 6-30V* ..... 1                                                   | 1           |
|             |                 | travel alarm does not include nut                                                         |             |
| 25-         | 72326GT         | NUT - PLASTIC, RING FOR ALARMS ..... 1                                                    | 1           |
| 26          | 45462GT         | ALARM,CHIME TONE 5-25VDC*** ..... 1                                                       | 1           |
|             |                 | descent alarm does not include nut                                                        |             |
| 26-         | 72326GT         | NUT - PLASTIC, RING FOR ALARMS ..... 3                                                    | 3           |
| 27          | 36388GT         | BUMPER,RUBBER,.75 X .50H,STUD ..... 6                                                     | 6           |
| 28          | 824037GT        | NUT, HH JAM, 1/4-20, A, ZAG ..... 4                                                       | 4           |
| 29          | 1255758GT       | WASHER,FLAT,3/8,USS,ZAG ..... 4                                                           | 4           |

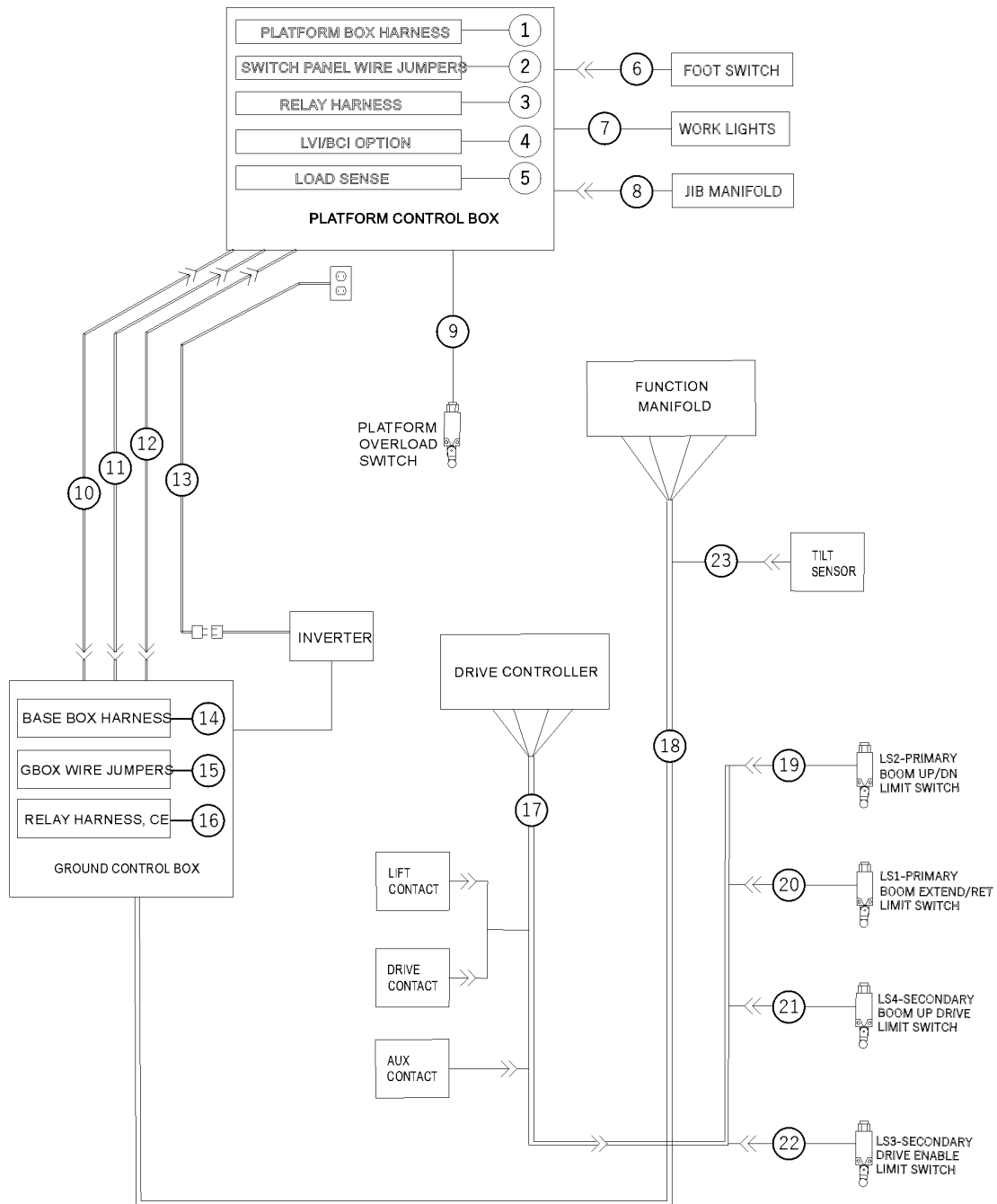
## 306.1 Wire Harness Diagram



## 306.1 Wire Harness Diagram

| Item | Part No.  | Description                                                                | Qty. |
|------|-----------|----------------------------------------------------------------------------|------|
| A    | 58253GT   | KIT,REPAIR,DEUTSCH PLUG,W/TUBE .....<br>(small kit)                        |      |
| B    | 83129GT   | CONNECTOR KIT,DEUTSCH*** .....<br>(large kit)                              |      |
| C    | 61794GT   | CRIMPER,DEUTSCH,LIGHT DUTY*** .....<br>(tool)                              |      |
| D    | 1264822GT | KIT, TRC RETROFIT, STNDRD .....<br>Telematics (includes 1264834)           |      |
| D-   | 1264834GT | INSTRN, TRC RETROFIT, STNDRD .....                                         |      |
| 1    | 237503GT  | HARNESS,PLAT BOX,Z30/34DC .....<br>ANSI, (to SN Z30ND-1399)                | 1    |
| 1B   | 1260928GT | HARNESS,BASE BOX, RELAY, CE .....                                          | 1    |
| 2    | 822872GT  | HARNESS,PBOX JUMPER,Z30/34DC .....                                         | 1    |
| 3    | 1260887GT | HARNESS, RELAY, PBOX, CE .....<br>CE                                       | 1    |
| 4    | 119133GT  | HARN LVI/BCI ENGAGE II Z34DC .....                                         | 1    |
| 5    | 218602GT  | HARNESS,LOAD SENSE RECOVERY .....<br>CE                                    | 1    |
| 6    | 227620GT  | ASSEMBLY,FOOT SWITCH .....                                                 | 1    |
| 7    | 823942GT  | OPTION,WORK LIGHTS,48V .....                                               | 1    |
| 8    | 139584GT  | HARNESS,JIB MANIFOLD,NON RJ .....<br>models without rotating jib           | 1    |
| 8B   | 139585GT  | HARNESS, JIB MANIFOLD, RJ .....<br>models with rotating jib                | 1    |
| 9    | 121848GT  | ASSY,LS,LOAD SENSE,38.5 IN .....<br>CE                                     | 1    |
| 10   | 110239GT  | HARNESS CABLE3 18/19 COND. ....<br>black and gray connectors               | 1    |
| 11   | 110243GT  | HARNESS CABLE1 18/19 COND. ....<br>green and brown connectors              | 1    |
| 12   | 110235GT  | HARNESS CABLE2 12/3 COND. ....                                             | 1    |
| 13   | 43956GT   | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....<br>inverter option                 | 564  |
| 14   | 1259575GT | HARNESS, BASE CONTROL BOX .....<br>ANSI, (to SN Z30ND-758)                 | 1    |
| 14C  | 1297677GT | HARNESS,GBOX,Z30/34N,ANSI .....<br>ANSI, (from SN Z30ND-1400)              | 1    |
| 14D  | 1260639GT | HARNESS, GBOX, CE .....<br>CE, (to SN Z30ND-758)                           | 1    |
| 14E  | 1292312GT | HARNESS,GBOX,CE Z30/34DC .....<br>CE, (from SN Z30ND-759 to SN Z30ND-1399) | 1    |
| 14F  | 1298942GT | HARNESS,GBOX,Z30/34DC,CE .....<br>CE, (from SN Z30ND-1400)                 | 1    |
| 15   | 110242GT  | HARNESS, GBOX WIRE JUMPER .....                                            | 1    |
| 16   | 1260643GT | HARNESS,BASE BOX, RELAY, CE .....<br>CE                                    | 1    |
| 17   | 822704GT  | HARNESS, DRIVE CHASSIS, DC .....                                           | 1    |

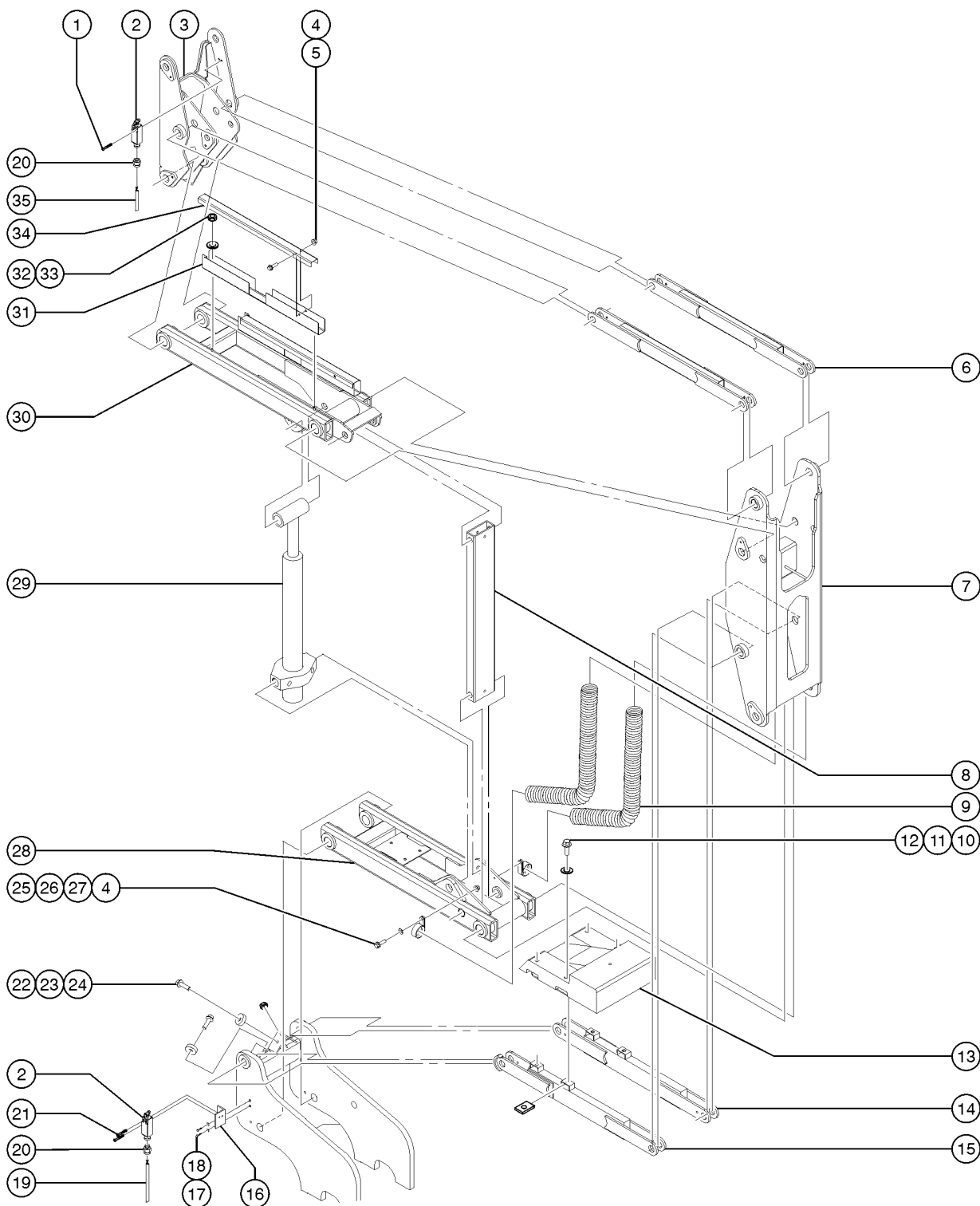
## 306.1 Wire Harness Diagram



## 306.1 Wire Harness Diagram

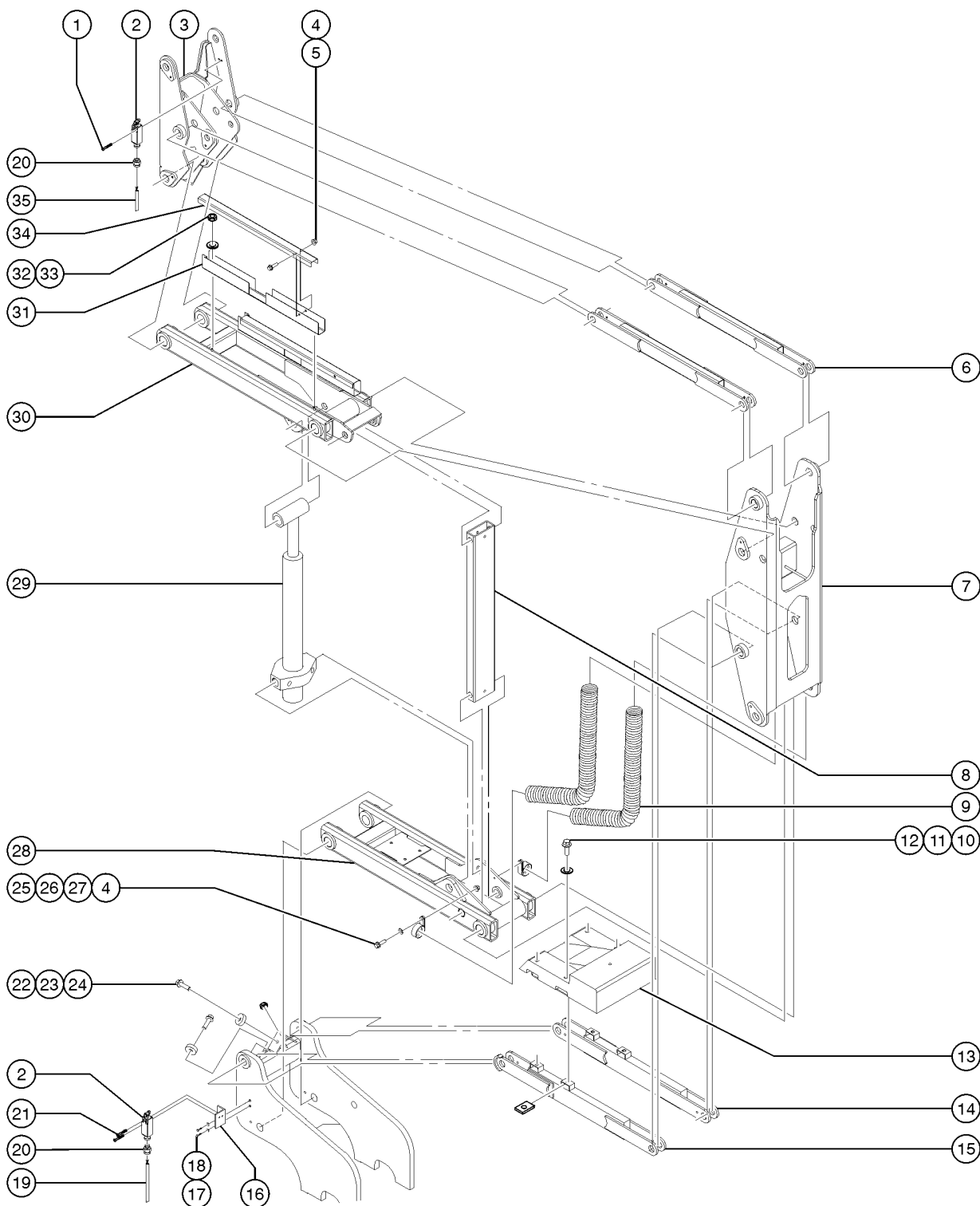
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------------------------------|-------------|
| 18          | 110249GT        | HARNESS,FUNC. MAN.,Z30/34DC .....<br>(to Z30ND-1815)              | 1           |
| 18B         | 1295168GT       | HARNESS,FUNC. MAN.,Z30/34DC W/ DT CONN .....<br>(from Z30ND-1816) |             |
| 19          | 110639GT        | HARNESS LS2 OP PRIMARY .....                                      | 1           |
| 20          | 110638GT        | HARNESS LS1 OP EXT/RET .....                                      | 1           |
| 21          | 110246GT        | HARNESS LS4 OP SECONDARY .....                                    | 1           |
| 22          | 110637GT        | HARNESS LS3 OP DRIVE ENABLE .....                                 | 1           |
| 23          | 1261845GT       | HARNESS,TILT 24V,CSA PROD .....<br>CSA models (from Z3015-16759)  | 1           |

401.1 Secondary Boom - View 1



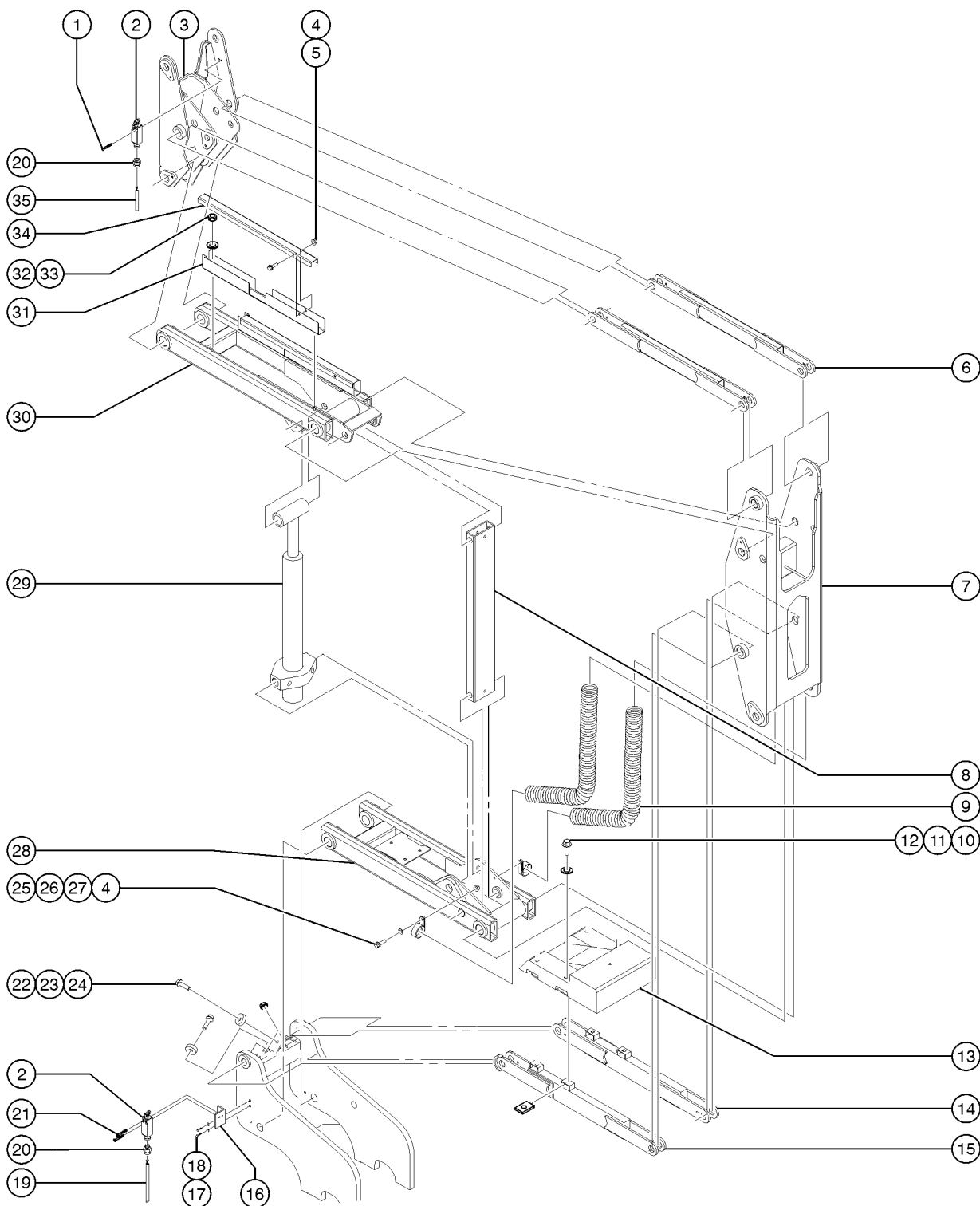
| Item | Part No.      | Description                                                      | Qty. |
|------|---------------|------------------------------------------------------------------|------|
| 1    | 824219GT      | SCREW,PHPM SEMS ET,8-32X1.25,Z .....<br>to SN Z30N16F-17342      | 2    |
| 1B   | 1261606GT     | SCREW,PHPM,8-32X1.75,ZAG .....<br>from SN Z30N16F-17343          | 2    |
| 1C   | 1255803GT     | NUT,TL FLG,8-32,F,ZAG .....<br>from SN Z30N16F-17343             | 2    |
| 2    | 110246GT      | HARNESS LS4 OP SECONDARY .....                                   |      |
| 2-   | 88356-116R5GT | SWITCH,LIMIT,W/ROLLER ARM .....                                  | 1    |
| 2-   | 106427GT      | LS ROT.HEAD W/O LEVER (ZCE01) .....                              |      |
| 2-   | 106428GT      | LS STL ROLLER PLUNGER (ZCE02) .....                              |      |
| 2-   | 106429GT      | LS METAL END PLUNGER (ZCE10) .....                               |      |
| 2-   | 106434GT      | LS BLUE PLASTIC BODY (XCKP) .....                                |      |
| 2-   | 19491GT       | CONTACTOR,LIMIT SWITCH .....                                     |      |
| 2-   | 76450GT       | CONN.SQZ,PG 11,.07-.26,W/ORING .....                             |      |
| 2-   | 97128GT       | ROLLER ARM,LIMIT SWITCH*** .....                                 |      |
| 2-   | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....                              | 101  |
| 3    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N .....                             | 1    |
| 4    | 1277924GT     | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                                | 3    |
| 5    | 824083GT      | SCREW, HHF, 1/4-20 X 2.5, 8, ZAG .....                           | 4    |
| 6    | 74945GT       | COMPRESSION ARM WLDMT 38.50 ** .....<br>US part number           | 2    |
| 6B   | 1282071GT     | COMPRESSION ARM WLDMT, METRIC .....<br>China part number         | 2    |
| 7    | 40446GT       | LOWER MIDPIVOT ASSY,Z34 & Z34N* .....                            | 1    |
| 8    | 74232-SGT     | CONNECTING LINK 30N&34 PAINTED .....<br>US part number           | 1    |
| 8B   | 1282063GT     | CONNECTING LINK Z30N & Z34***, METRIC .....<br>China part number | 1    |
| 9    | 42939-18700GT | WIRE LOOM,1.88 DIA. ....<br>(187 inches long)                    | 1    |
| 10   | 824095GT      | SCREW, HHF, 3/8-16 X 3, 8, ZAG .....                             | 4    |
| 11   | 824120GT      | WASHER, FLAT, .375 X 1.50 X .125, ZAG .....                      | 4    |
| 12   | 29868GT       | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....                         | 4    |
| 13   | 36620GT       | COUNTERWEIGHT,CAST,400 LBS. ....                                 | 1    |
| 14   | 94425GT       | COMP ARM WELD LOWER, RIGHT*** .....<br>US part number            | 1    |
| 14B  | 1283375GT     | WDMT, ENGINE COMPARTMENT, METRIC .....<br>China part number      | 1    |

401.1 Secondary Boom - View 1



| Item | Part No.  | Description                                                     | Qty. |
|------|-----------|-----------------------------------------------------------------|------|
| 15   | 128634GT  | WELDMENT, LWR COMPRESION ARM .....<br>US part number            | 1    |
| 15B  | 1282047GT | WELDMENT, LWR COMPRESION ARM, METRIC .....<br>China part number | 1    |
| 16   | 42413GT   | ANGLE, SWITCH MOUNT*** .....<br>US part number                  | 1    |
| 16B  | 1281284GT | ANGLE, SWITCH MOUNT***, METRIC .....<br>China part number       | 1    |
| 17   | 824059GT  | SCREW, HHC, 1/4-20 X .75, 8, ZAG .....                          | 2    |
| 18   | 824109GT  | WASHER, LOCK, 1/4, ZAG .....                                    | 2    |
| 19   | 56051GT   | WIRE CABLE, 16/2, WHT/BLK, SJEOW .....                          | 72   |
| 20   | 7056GT    | CONN, SQZ, 1/2NPT, 0.38-0.50, SM .....                          | 2    |
| 21   | 824223GT  | SCREW, PHPM SEMS ET, 10-32X1.25, .....                          | 2    |
| 22   | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....                         | 2    |
| 23   | 74085GT   | REST PAD, UPPER PIVOT Z30N .....                                | 2    |
| 24   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                               | 2    |
| 25   | 824079GT  | SCREW, HHF, 1/4-20X1, 8, ZAG .....                              | 2    |
| 26   | 824113GT  | WASHER, FLAT, USS, 1/4, ZAG .....                               | 2    |
| 27   | 1288080GT | CLAMP, RUBBER CUSHIONED-2 5/32 .....                            | 2    |
| 28   | 37127GT   | LOWER SECONDARY BOOM ASSEMBLY* .....                            | 1    |
| 28B  | 42610PGT  | HOSE TRACK, LOWER ARM Z30N .....<br>not shown                   |      |
| 28C  | 42611GT   | HOSE TRACK COVER, LOWER ARM .....<br>not shown                  |      |
| 29   | 101349GT  | CYLINDER, ELEVATE, Z30N .....                                   | 1    |
| 29-  | 94254GT   | SEAL KIT, 94211, 94254, 101349 .....                            |      |
| 29-  | 31106GT   | VALVE, CINTERBAL, CBBB-LHN@3000** .....                         |      |
| 30   | 74334GT   | UPPER SECONDARY BOOM ASSEMBLY* .....                            | 1    |
| 31   | 74271GT   | HOSE TRACK, UPPER*** .....                                      | 1    |
| 32   | 824040GT  | NUT, ACORN, 3/8-16, ZAG .....<br>to SN 19093                    | 4    |
| 32B  | 1274322GT | NUT, NYLOCK FLG, 3/8-16, F, ZAG .....<br>from SN 19094          |      |
| 33   | 824122GT  | WASHER, FLAT, .375 X 1.25 X .062, ZAG .....<br>to SN 19093      | 4    |
| 33B  | 825353GT  | WASHER, FLAT, 1/2, SAE, HRD, ZAG .....<br>from SN 19094         |      |
| 34   | 42609GT   | HOSE TRACK COVER, UPPER ARM .....<br>US part number             | 1    |

401.1 Secondary Boom - View 1

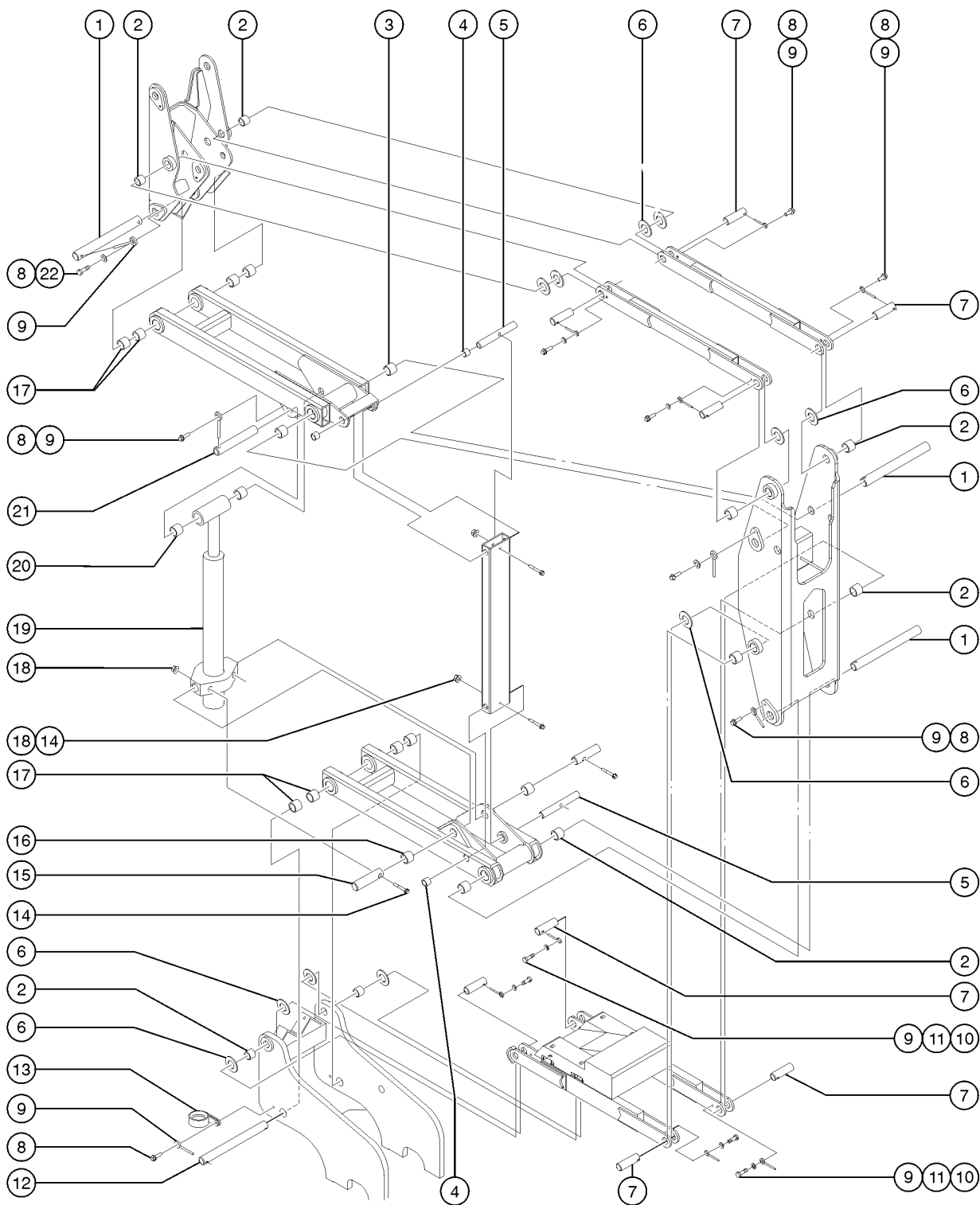


401.1 Secondary Boom - View 1

| Item | Part No.  | Description                                                   | Qty. |
|------|-----------|---------------------------------------------------------------|------|
| 34B  | 1281285GT | HOSE TRACK COVER,UPPER ARM, METRIC .....<br>China part number | 1    |
| 35   | 44133GT   | WIRE CABLE,16/4 CON.TPE JKT* .....                            | 184  |



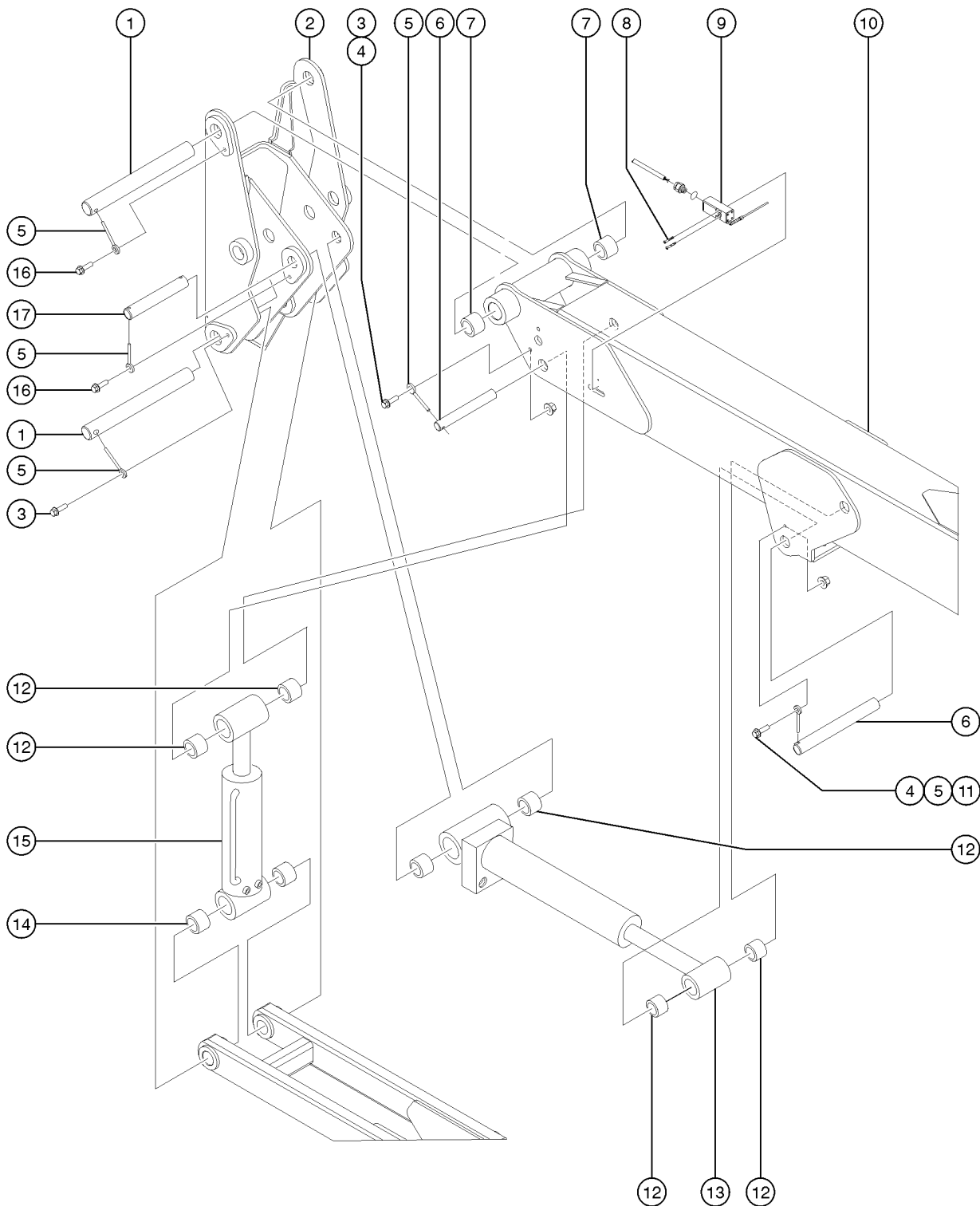
402.1 Secondary Boom - View 2



## 402.1 Secondary Boom - View 2

| Item | Part No.  | Description                                                                                               | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------|------|
| -    | 107935GT  | KIT, SWING HOSE CLAMP, FIELD<br>includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT |      |
| 1    | 36194GT   | PIN, 1.50 DIA X 15.13 LG, 1 HOLE                                                                          | 3    |
| 2    | 34245GT   | BEARING, 1.25 ID X 1.50 X 1.25 L                                                                          | 10   |
| 3    | 45071GT   | BEARING, 1.5 ID X 1.75 O D X 1.5 L                                                                        | 2    |
| 4    | 36245GT   | BEARING, FL, 1.00 ID X 1.25 O D X 0.84 L                                                                  | 4    |
| 5    | 36202GT   | PIN, 1.00 DIA X 7.25 LG, 1 HOLE                                                                           | 2    |
| 6    | 824151GT  | WASHER, SHIM, 1.270 X 2.130 X .062, Z                                                                     | 8    |
| 7    | 36390GT   | PIN, 1.25 DIA X 3.63 LG, THREADED                                                                         | 8    |
| 8    | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG                                                                         | 9    |
| 9    | 825019GT  | ROD END, .375 X 3.69, ZAG                                                                                 | 3    |
| 10   | 824067GT  | SCREW, HHC, 3/8-16 X 1, 8, ZAG                                                                            | 4    |
| 11   | 824110GT  | WASHER, LOCK, 3/8, ZAG                                                                                    | 4    |
| 12   | 36389GT   | PIN, 1.50 DIA X 16.13 LG, 1 HOLE                                                                          | 1    |
| 13   | 1288080GT | CLAMP, RUBBER CUSHIONED-2 5/32                                                                            | 1    |
| 14   | 824094GT  | SCREW, HHF, 3/8-16 X 2.75, 8, ZAG                                                                         | 4    |
| 15   | 36205GT   | PIN, 1.25 DIA X 3.00 LG, THREADED                                                                         | 2    |
| 16   | 36246GT   | BEARING, FL, 1.25 ID X 1.50 O D X 1.09 L                                                                  | 2    |
| 17   | 18396GT   | BEARING, 1.5 ID X 1.75 O D X 1.0 L                                                                        | 4    |
| 18   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG                                                                               | 4    |
| 19   |           | Ref. Elevate Cylinder (refer to 401.1)                                                                    |      |
| 20   | 25683GT   | BEARING, POLYGON, 20 DU 12                                                                                | 2    |
| 21   | 74089GT   | PIN, 1.25 DIA X 9.63 LG, 1 HOLE                                                                           | 2    |
| 22   | 825358GT  | WASHER, FLAT, 5/16, USS, ZAG                                                                              | 1    |

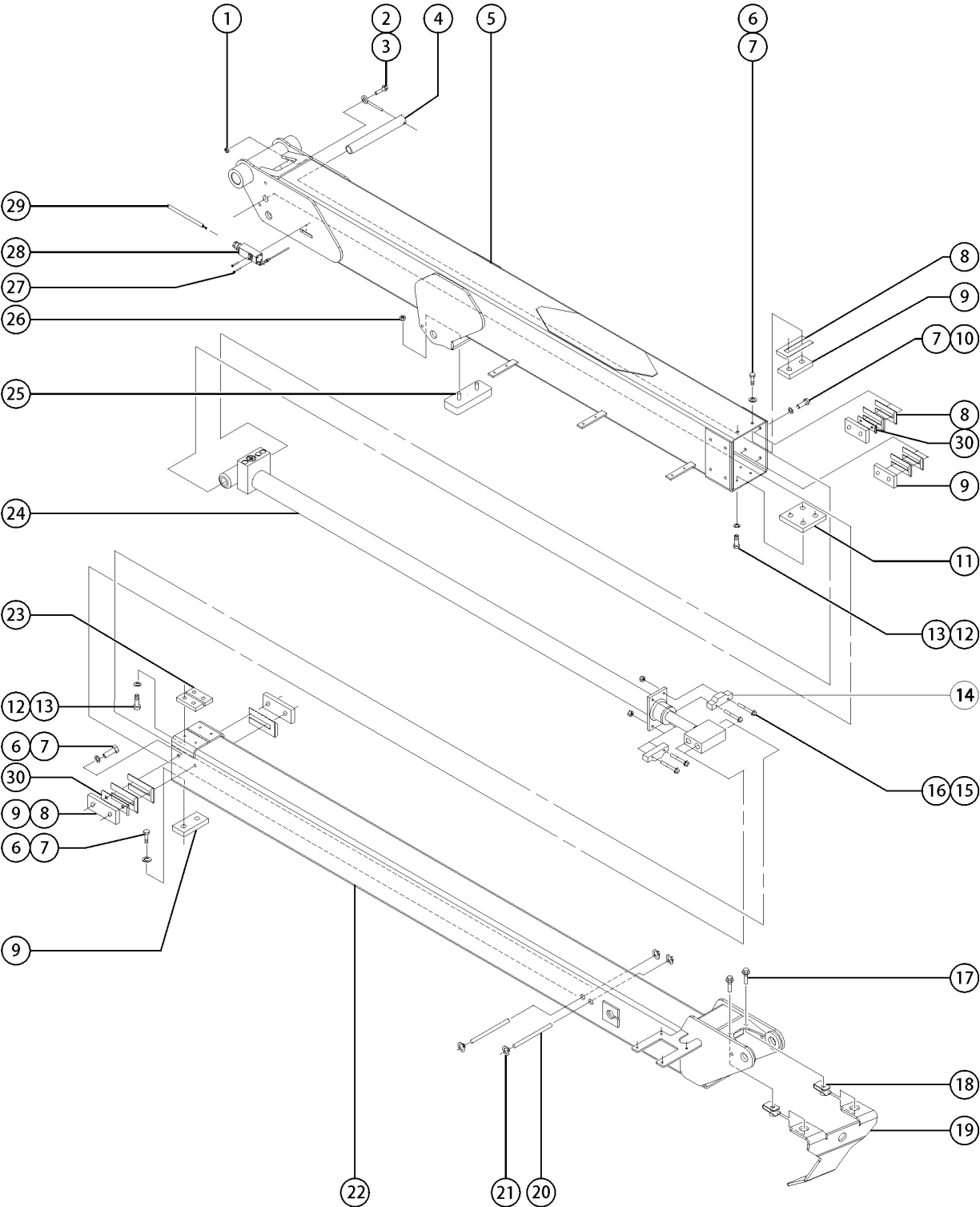
403.1 Upper Pivot



## 403.1 Upper Pivot

| Item | Part No.      | Description                              | Qty. |
|------|---------------|------------------------------------------|------|
| 1    | 36194GT       | PIN,1.50DIAX15.13LG,1HOLE .....          | 1    |
| 2    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N .....     | 1    |
| 3    | 824092GT      | SCREW, HHF, 3/8-16 X 1.5, 8, ZAG .....   | 2    |
| 4    | 824029GT      | NUT, TL FLG, 3/8-16, G, ZAG .....        | 2    |
| 5    | 825019GT      | ROD END,.375 X 3.69,ZAG .....            | 5    |
| 6    | 74091GT       | PIN,1.25DIAX9.13LG,1HOLE .....           | 2    |
| 7    | 45071GT       | BEARING,1.5IDX1.75ODX1.5L .....          | 2    |
| 8    | 824218GT      | SCREW,PHPM SEMS ET,8-32X.25,ZA .....     | 2    |
| 9    | 110638GT      | HARNESS LS1 OP EXT/RET .....             |      |
| 9-   | 106433GT      | LS SPRING WAND (ZCY91) .....             |      |
| 9-   | 19491GT       | CONTACTOR,LIMIT SWITCH .....             |      |
| 9-   | 22359GT       | SPRING ARM,LIMIT SWITCH,6.25" .....      |      |
| 9-   | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....     |      |
| 9-   | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....      | 216  |
| 10   |               | Ref. Primary Boom (refer to 404.1) ..... |      |
| 11   | 824093GT      | SCREW, HHF, 3/8-16 X 1.75, 8, ZAG .....  | 1    |
| 12   | 47377GT       | BEARING,1.25 ID X 1.5 OD X .75 .....     | 6    |
| 13   | 94215GT       | CYLINDER,PRIMARY LIFT .....              | 1    |
|      |               | includes item 12                         |      |
| 13-  | 94258GT       | SEAL KIT, 94215, 94430 .....             | 1    |
| 13-  | 43937GT       | VALVE,CB.CBBC-LHN@3200*** .....          | 2    |
| 14   | 88280GT       | BEARING,1.5IDX1.75ODX0.75L .....         | 2    |
| 15   | 94216GT       | CYLINDER,MASTER .....                    | 1    |
|      |               | includes items 12 and 14                 |      |
| 15-  | 94259GT       | SEAL KIT, 94216 .....                    |      |
| 16   | 824091GT      | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....  | 2    |
| 17   | 36198GT       | PIN,1.25DIAX8.12LG,1HOLE .....           | 1    |

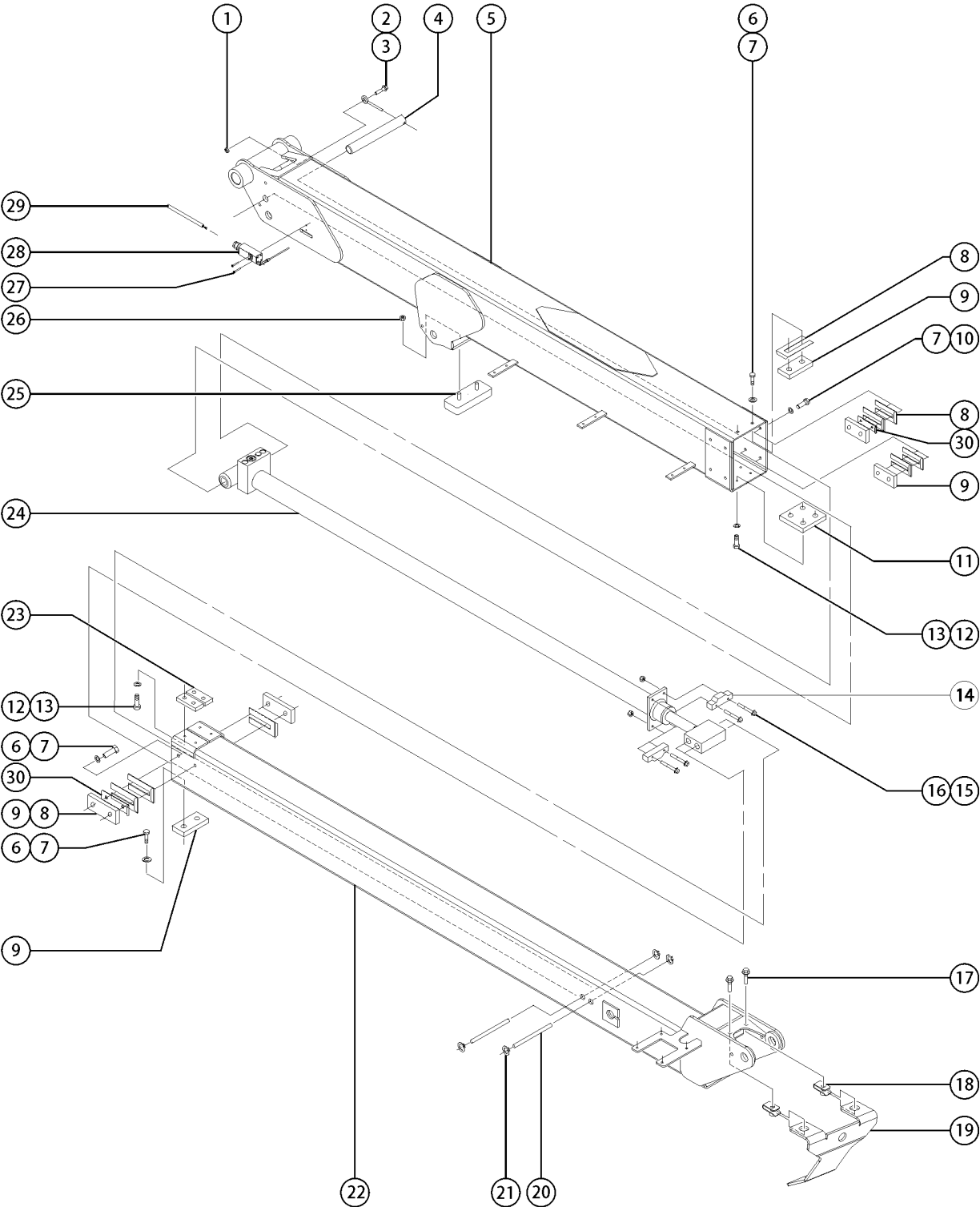
404.1 Primary and Extension Booms



## 404.1 Primary and Extension Booms

| Item | Part No.  | Description                                      | Qty. |
|------|-----------|--------------------------------------------------|------|
| 1    | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                |      |
| 2    | 824092GT  | SCREW, HHF, 3/8-16 X 1.5, 8, ZAG .....           |      |
| 3    | 825019GT  | ROD END,.375 X 3.69,ZAG .....                    |      |
| 4    | 101557GT  | PIN,1.00DIAX9.01LG,THREADED .....                |      |
| 5    | 94031GT   | WELDMENT,PRIMARY BOOM Z30N .....                 | 1    |
|      |           | refer to 502.1 for rotating jib                  |      |
| 6    | 826791GT  | SCREW,HHC,3/8-16X.875,8,ZAG .....                | 8    |
| 7    | 826793GT  | WASHER,FLAT,3/8,SAE,HRD,ZAG .....                | 16   |
| 8    | 29080GT   | SHIM,WEAR PAD,5X 1.5 16GA .....                  |      |
| 8B   | 42502GT   | SHIM,SIDE PAD 22GA. ....<br>(quantity as needed) |      |
| 9    | 1262353GT | WEAR PAD, 5 X 1.5 X .72 W/NUTS .....             | 8    |
| 10   | 824067GT  | SCREW, HHC, 3/8-16 X 1, 8, ZAG .....             | 8    |
| 11   | 1262354GT | WEAR PAD, 4 X 4 X .72 W/NUTS .....               | 1    |
| 12   | 1262432GT | SCREW,HHC,1/4-20X.875,8,ZAG .....                | 8    |
| 13   | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                    | 8    |
| 14   | 74066GT   | WEAR PAD,EXT CYL *** .....                       | 2    |
| 15   | 824082GT  | SCREW, HHF, 1/4-20 X 1.75, 8, ZAG .....          |      |
| 16   | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                |      |
| 17   | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                   |      |
| 18   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....        | 2    |
| 19   | 147079GT  | BRACKET, HOSE ROUTING .....                      | 1    |
|      |           | US part number                                   |      |
| 19A- | 56361GT   | CABLE TIE,BUTTON,BLACK,14.75LG .....             |      |
| 19B  | 1281276GT | BRACKET, HOSE ROUTING, METRIC .....              | 1    |
|      |           | China part number                                |      |
| 19B- | 56361GT   | CABLE TIE,BUTTON,BLACK,14.75LG .....             |      |
| 20   | 36192GT   | PIN,0.75DIAX5.51LG,2RING .....                   | 2    |
| 21   | 824163GT  | SNAP RING, EXTERNAL, 3/4, ZAG .....              | 4    |
| 22   | 147487GT  | WELDMENT, EXT BOOM, Z30N .....                   | 1    |
| 23   | 1262355GT | WEAR PAD, 4 X 2 X .45 W/NUTS .....               | 2    |
| 24   | 94213GT   | CYLINDER,EXTENSION .....                         | 1    |

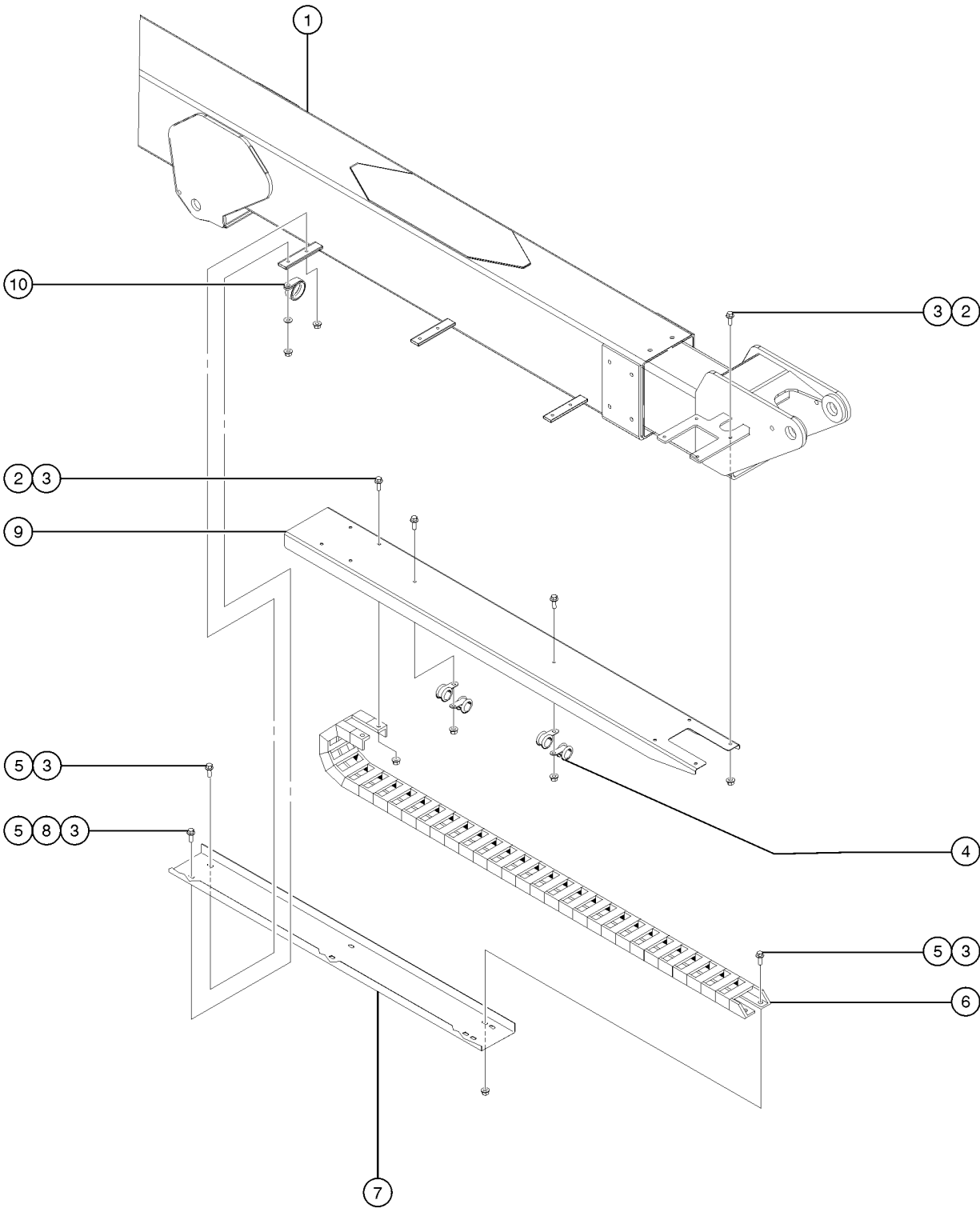
404.1 Primary and Extension Booms



## 404.1 Primary and Extension Booms

| Item | Part No.      | Description                                   | Qty. |
|------|---------------|-----------------------------------------------|------|
| 24-  | 94256GT       | SEAL KIT, 94213 .....                         | 1    |
| 24-  | 36648GT       | VALVE,COUNTERBALANCE 2500 PSI* .....          | 1    |
| 24-  | 74508GT       | VALVE,CHECK,COBA-X*N 200PSI PO .....          | 1    |
| 24-  | 74509GT       | VALVE,CHECK,CXAD-XCN,30PSI .....              | 1    |
| 25   | 56849GT       | PAD,REST,1"THICK,W/STUDS* .....               |      |
| 26   | 824038GT      | NUT,TL JAM,3/8-16,A,ZAG .....                 |      |
| 27   | 824219GT      | SCREW,PHPM SEMS ET,8-32X1.25,Z .....          | 2    |
| 28   | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....          |      |
| 28-  | 19491GT       | CONTACTOR,LIMIT SWITCH .....                  |      |
| 28-  | 22359GT       | SPRING ARM,LIMIT SWITCH,6.25" .....           |      |
| 28-  | 7056GT        | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....         | 1    |
| 29   | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....           | 199  |
| 30   | 1283887GT     | SHIM,WEAR PAD,5 X 1.5,14GA, HOLE<br>as needed |      |

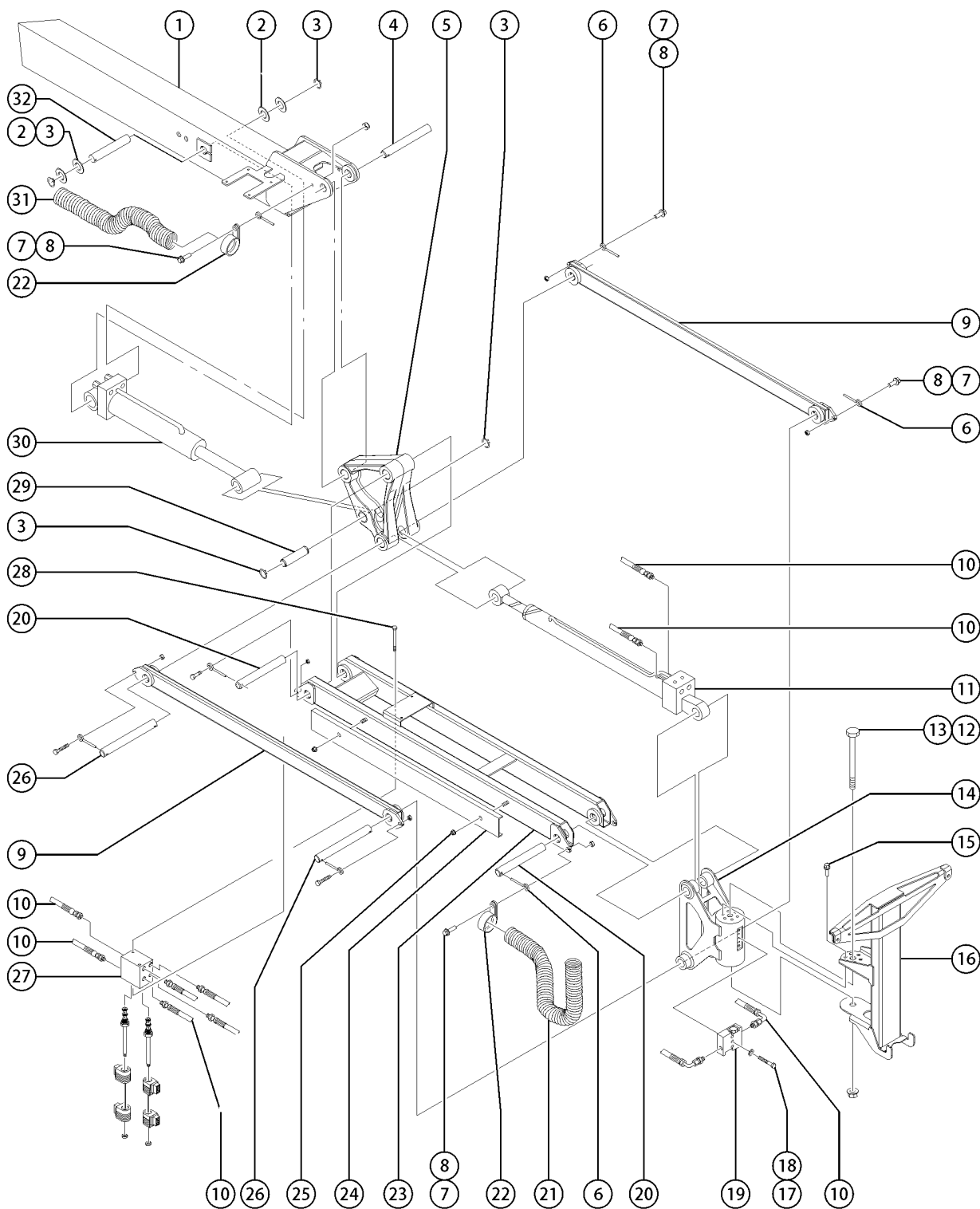
405.1 Cable Track



## 405.1 Cable Track

| Item | Part No.  | Description                                             | Qty. |
|------|-----------|---------------------------------------------------------|------|
| 1    |           | Ref. Primary and Extension Booms (refer to 404.1) ..... |      |
| 2    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                          | 10   |
| 3    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                       | 16   |
| 4    | 6833GT    | CLAMP,0.50,#8 X 1/4,RUB CUSH .....                      | 4    |
| 5    | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....                        | 6    |
| 6    | 139537GT  | CABLE TRACK,NYLATRAC,26 LINK .....                      | 1    |
|      |           | (to SN Z30ND-1685)                                      |      |
| 6-   | 139540GT  | REPAIR LINK,NYLATRAC,7 LINKS .....                      |      |
|      |           | (to SN Z30ND-1685)                                      |      |
| 6-   | 139541GT  | BRACKET SET,NYLATRAC,KS400 .....                        |      |
|      |           | (to SN Z30ND-1685)                                      |      |
| 6-   | 139542GT  | LINK,NYLATRAC,KS400 .....                               |      |
|      |           | (to SN Z30ND-1685)                                      |      |
| 6B   | 1309745GT | CABLE TRACK,PA6,29 LINK .....                           | 1    |
|      |           | (from SN Z30ND-1686)                                    |      |
| 6B-  | 1311787GT | LINK,PA6,CDPS0910,CABLE TRACK .....                     |      |
|      |           | (from SN Z30ND-1686)                                    |      |
| 6B-  | 1311837GT | BRACKET SET,CDPS 0912 .....                             |      |
|      |           | (from SN Z30ND-1686)                                    |      |
| 6B-  | 1311849GT | CROSS COVER,CDPS 0911 .....                             |      |
|      |           | (from SN Z30ND-1686)                                    |      |
| 7    | 56983PGT  | CHANNEL,LWR TRAY PLASTIC TK ** .....                    |      |
| 8    | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                           | 3    |
| 9    | 74119PGT  | CHANNEL, CABLE TRACK, UPPER .....                       | 1    |
|      |           | US part number                                          |      |
| 9B   | 1281286GT | CHANNEL,UPPER TRACK, METRIC .....                       | 1    |
|      |           | China part number                                       |      |
| 10   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32 .....                     | 3    |

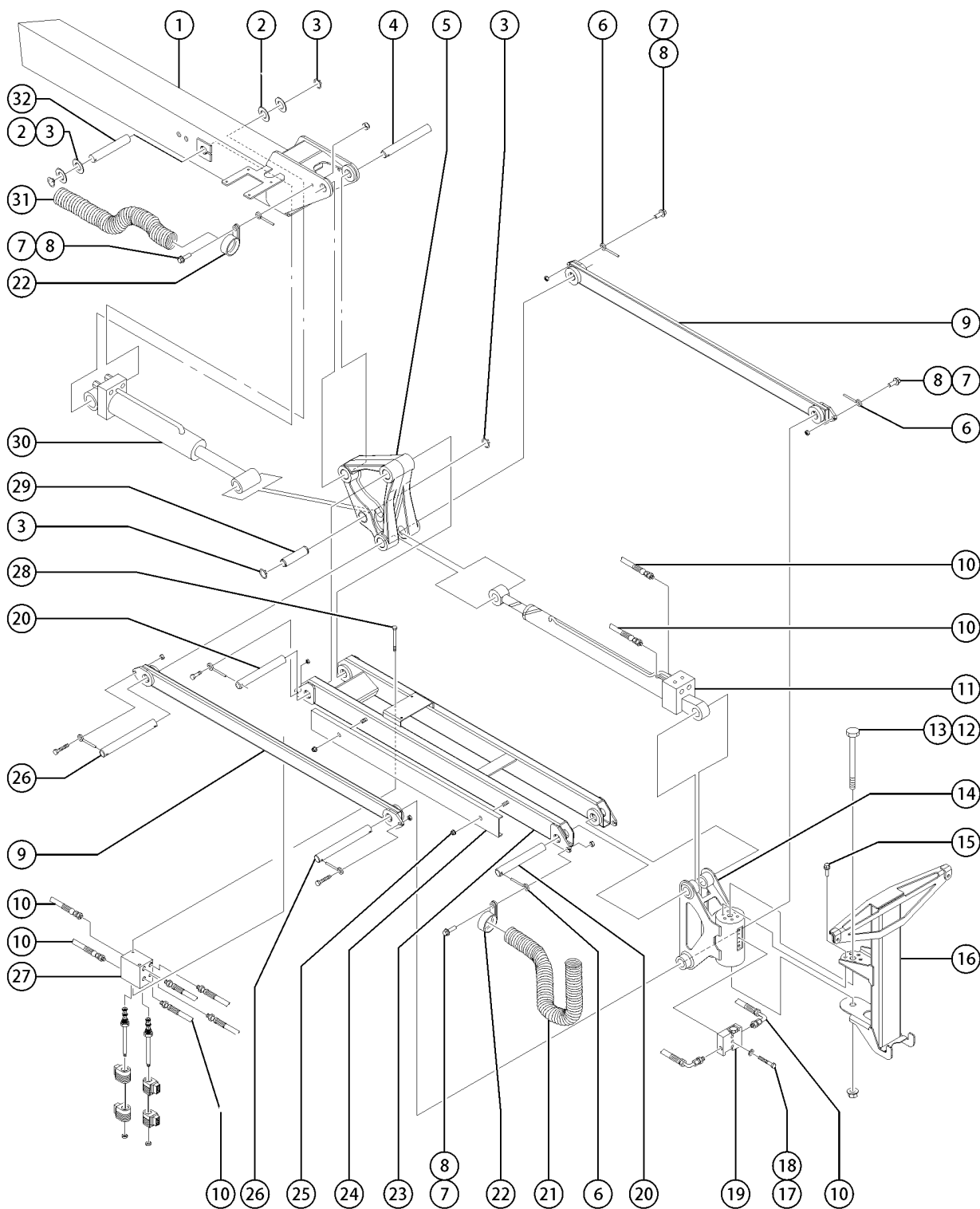
406.1 Jib Boom and Platform Rotator



## 406.1 Jib Boom and Platform Rotator

| Item | Part No.  | Description                                      | Qty. |
|------|-----------|--------------------------------------------------|------|
| 1    |           | Ref. Extension Boom (refer to 404.1) .....       |      |
| 2    | 824151GT  | WASHER,SHIM,1.270X2.130X.062,Z .....             | 6    |
| 3    | 824164GT  | SNAP RING, EXTERNAL,1.25, ZAG .....              | 2    |
| 4    | 128550GT  | PIN,1.25DIA X 7.64LG,2RING .....                 | 1    |
| 5    | 74587GT   | BELLCRANK ASSEMBLY, Z30N,Z34** .....             |      |
| 5-   | 74865GT   | BEARING,FL,1.25ID X 1.50OD X 1.25L .....         | 6    |
|      |           | with flange                                      |      |
| 5-   | 74866GT   | BEARING,1.25ID X 1.50OD X 1.25L .....            | 2    |
| 6    | 825019GT  | ROD END,.375 X 3.69,ZAG .....                    | 6    |
| 7    | 824092GT  | SCREW, HHF, 3/8-16 X 1.5, 8, ZAG .....           | 5    |
| 8    | 824025GT  | NUT,TL,3/8-16,C,ZAG .....                        | 5    |
| 9    | 36054-SGT | COMPRESSION MEMBER (BORED)*** .....              | 2    |
|      |           | US part number                                   |      |
| 9B   | 1282023GT | COMPRESSION MEMBER (BORED)***, METRIC .....      | 2    |
|      |           | China part number                                |      |
| 10   |           | Ref. Hydraulic Components (refer to 802.1) ..... |      |
| 11   | 94218GT   | CYLINDER,JIB .....                               | 1    |
| 11-  | 94261GT   | SEAL KIT,94218 .....                             | 1    |
| 11-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000** .....             |      |
|      |           | for 94218                                        |      |
| 11-  | 47377GT   | BEARING,1.25 ID X 1.5 OD X .75 .....             | 4    |
| 12   | 1273205GT | SCREW,HHC,3/4-10X9.5,8,ZAG .....                 | 1    |
| 13   | 1256863GT | WASHER,FLAT,.75,F436,HRD,ZAG .....               | 1    |
| 13B  | 1274173GT | NUT,NYLOCK,3/4-10,C,ZAG .....                    | 1    |
| 14   | 233717GT  | ROTATOR,PLAT,Z30/34/Z40 .....                    | 1    |
| 14-  | 233745GT  | SEAL AND BRG KIT, 4.5K ROTATOR .....             | 1    |
| 14-  | 30222GT   | BEARING,FL,1.25ID X 1.41OD X 1.50L .....         | 4    |
| 15   | 1256109GT | SCREW,HHC,3/8-16X.75,8,ZAG .....                 | 6    |
| 15B  | 826793GT  | WASHER,FLAT,3/8,SAE,HRD,ZAG .....                | 1    |
| 16   | 56500-SGT | WELDMENT,PLATFORM SUPPORT*** .....               | 1    |
|      |           | US part number                                   |      |
| 16B  | 1282086GT | WELDMENT,PLATFORM SUPPORT***, METRIC .....       | 1    |
|      |           | China part number                                |      |
| 17   | 824062GT  | SCREW,HHC,1/4-20X1.5,8,ZAG .....                 | 1    |

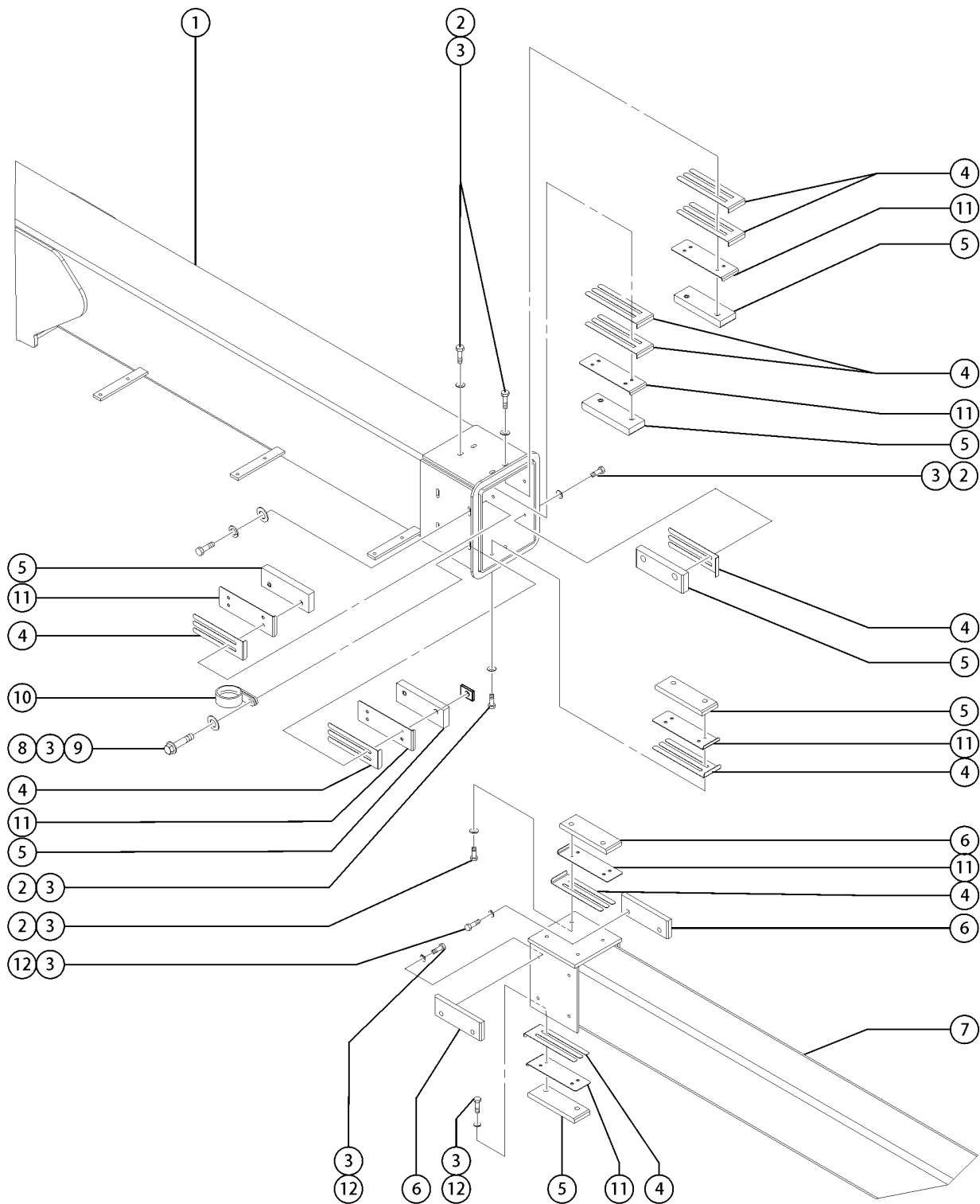
406.1 Jib Boom and Platform Rotator



## 406.1 Jib Boom and Platform Rotator

| Item | Part No.  | Description                                               | Qty. |
|------|-----------|-----------------------------------------------------------|------|
| 18   | 824109GT  | WASHER, LOCK, 1/4, ZAG .....                              | 1    |
| 19   | 56929GT   | MANIFOLD, ROTATOR, 180 DEG. *** .....                     | 1    |
| 19-  | 62506GT   | VALVE - COUNTERBALANCE** .....                            |      |
| 19-  | 62507GT   | O-RING, ROTATOR MANIFOLD .....                            |      |
| 20   | 36199GT   | PIN, 1.25 DIA. X 10.38 LG, 1 HOLE .....                   | 2    |
| 21   | 42939GT   | WIRE LOOM, 1.88 DIA. ....                                 | 120  |
| 22   | 1288080GT | CLAMP, RUBBER CUSHIONED-2 5/32 .....                      | 2    |
| 23   | 56976GT   | JIB BOOM MACH<br>US part number .....                     | 1    |
| 23B  | 1282052GT | JIB BOOM MACH***, METRIC<br>China part number .....       | 1    |
| 24   | 36561-SGT | HOSE COVER, JIB BOOM**<br>US part number .....            | 1    |
| 24B  | 1281277GT | HOSE COVER, JIB BOOM**, METRIC<br>China part number ..... | 1    |
| 25   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                         | 2    |
| 26   | 42797GT   | PIN, 1.25 DIA X 12.50 LG, 2 HOLE .....                    | 2    |
| 27   |           | Ref. Jib Boom Manifolds (refer to 702.1) .....            | 1    |
| 28   | 824077GT  | SCREW, HHF, 1/4-20 X .5, 8, ZAG .....                     | 2    |
| 29   | 139655GT  | PIN, SLAVE CYLINDER .....                                 | 1    |
| 30   | 94217GT   | CYLINDER, SLAVE, DONGYANG .....                           | 1    |
| 30-  | 94260GT   | SEAL KIT, LEVELING CYLINDER .....                         | 1    |
| 30-  | 74735GT   | VALVE, COUNTERBALANCE .....                               | 2    |
| 30-  | 47377GT   | BEARING, 1.25 ID X 1.5 OD X .75<br>barrel end .....       | 2    |
| 30-  | 35088GT   | BEARING, FL, 1.25 ID X 1.41 OD X .89 L<br>rod end .....   | 2    |
| 31   | 42929GT   | HOSE, RET. FILTER DWN TUBE RUBBE .....                    | 28   |
| 32   | 50546GT   | PIN, 1.25 DIA X 6.36 LG, 2 RING .....                     | 1    |

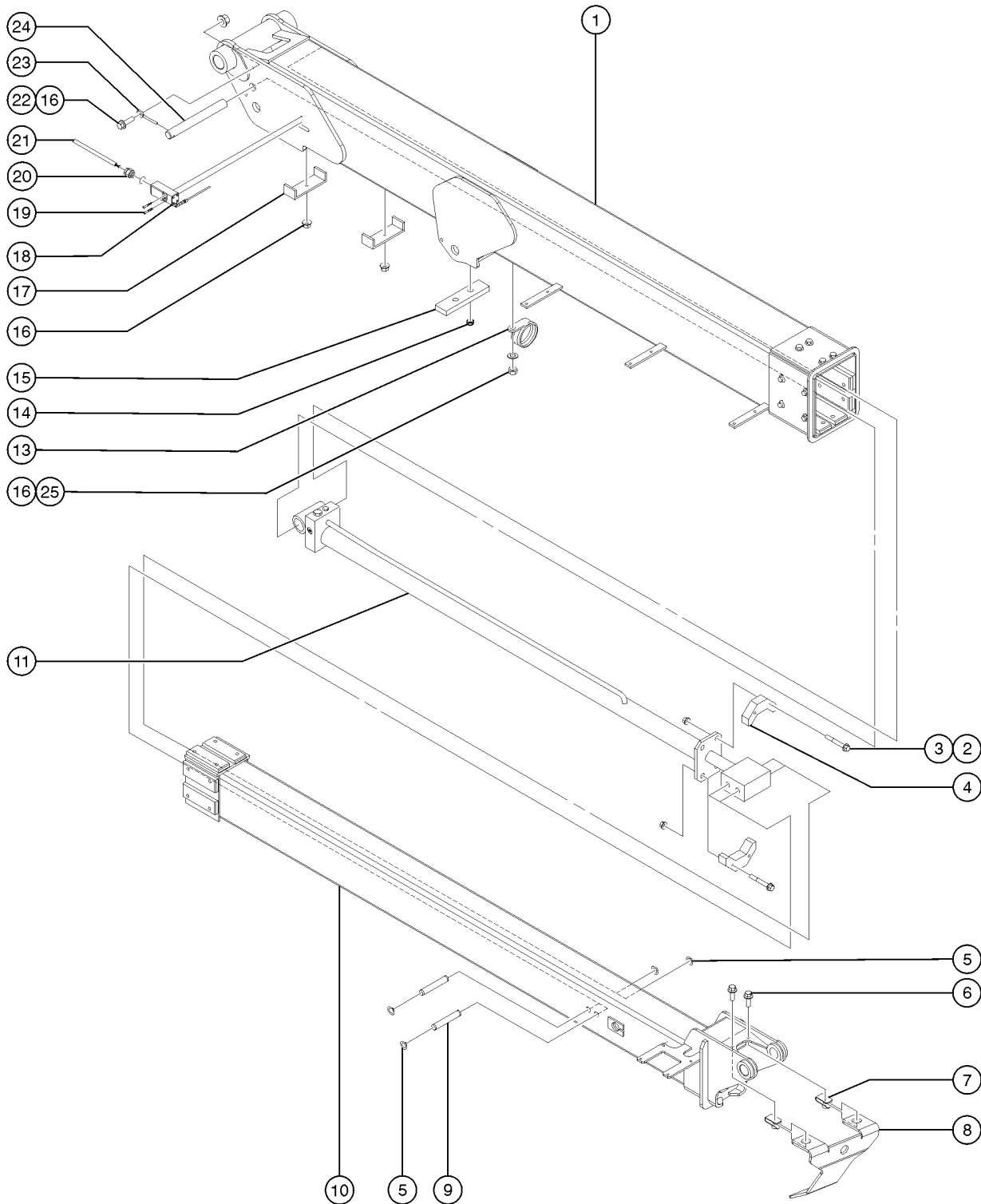
501.1 Primary Boom Wear Pads



## 501.1 Primary Boom Wear Pads

| Item | Part No.  | Description                                          | Qty. |
|------|-----------|------------------------------------------------------|------|
|      |           | Refer to 404.1 for models without rotating jib ..... |      |
| 1    |           | Ref. Primary Boom (refer to 502.1) .....             |      |
| 2    | 824060GT  | SCREW, HHC, 1/4-20 X 1, 8, ZAG .....                 | 20   |
| 3    | 824113GT  | WASHER, FLAT, USS, 1/4, ZAG .....                    | 36   |
| 4    | 74134GT   | SHIM, WEAR PAD .030 .....                            |      |
|      |           | as needed                                            |      |
| 5    | 101429GT  | WEAR PAD, EXT BOOM*** .....                          | 10   |
|      |           | 6 x 2 x 0.6875 inches                                |      |
| 6    | 74044GT   | WEAR PAD, EXT BOOM*** .....                          | 6    |
|      |           | 6 x 2 x 0.4375 inches                                |      |
| 7    |           | Ref. Extension Boom (refer to 502.1) .....           | 1    |
| 7-   | 35675GT   | BEARING, FL, 1.25ID X 1.5OD X 1.25L .....            | 2    |
| 8    | 824079GT  | SCREW, HHF, 1/4-20 X 1, 8, ZAG .....                 | 1    |
| 9    | 56912GT   | SPRING CLIP, 1/4-20, .025-.15 X .54, ZAG .....       | 1    |
| 10   | 1288080GT | CLAMP, RUBBER CUSHIONED-2 5/32 .....                 | 1    |
| 11   | 1284473GT | SHIM, WEAR PAD, 6X2 .....                            |      |
|      |           | as needed                                            |      |
| 12   | 1262432GT | SCREW, HHC, 1/4-20 X .875, 8, ZAG .....              | 12   |

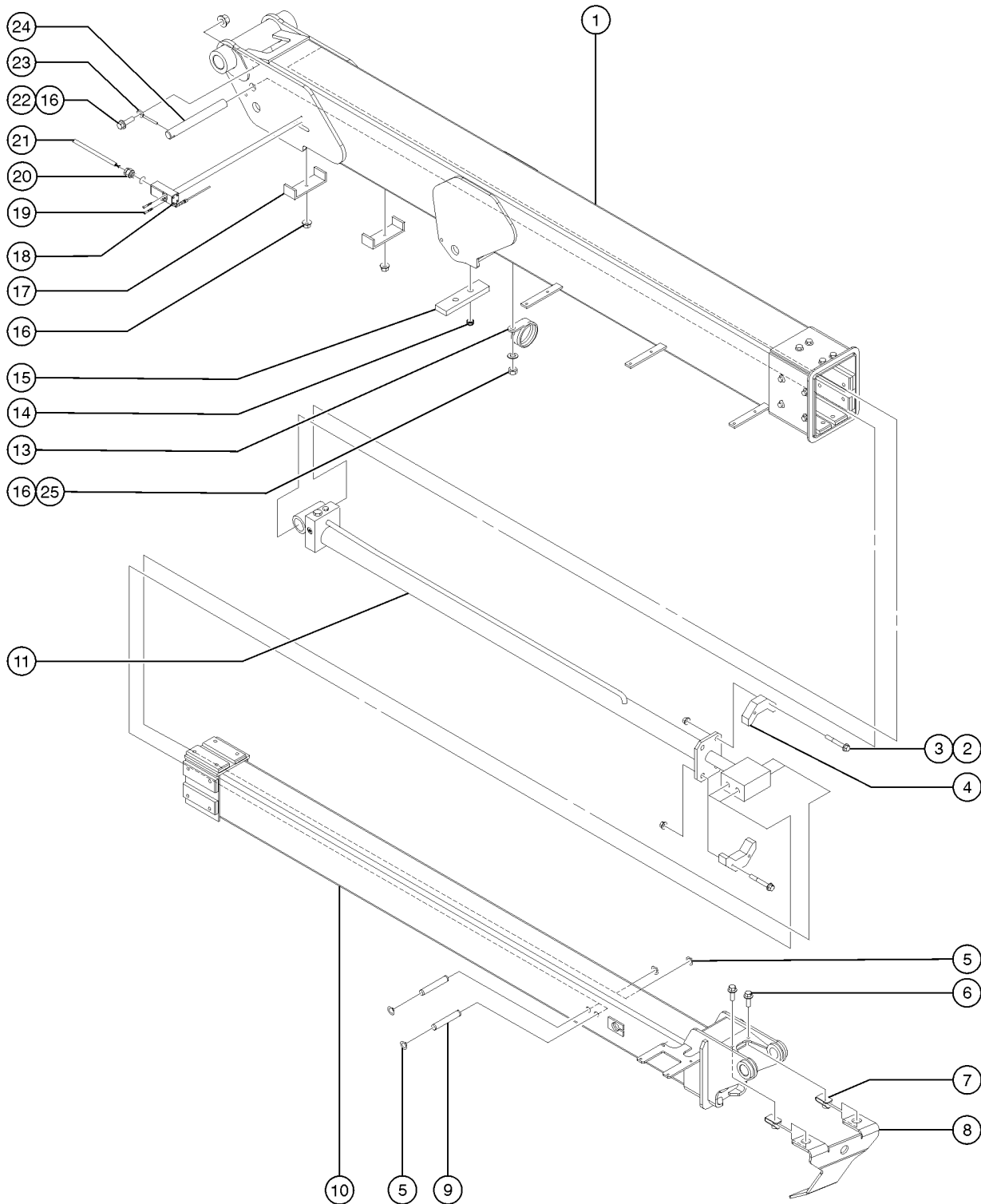
502.1 Primary and Extension Booms



## 502.1 Primary and Extension Booms

| Item | Part No.  | Description                                            | Qty. |
|------|-----------|--------------------------------------------------------|------|
| A-   |           | Refer to 404.1 for models without a rotating jib ..... |      |
| B-   |           | Ref. Upper Pivot (refer to 403.1) .....                | 2    |
| 1    | 74345GT   | PRIMARY BOOM TUBE ASSEMBLY** .....                     | 1    |
| 1-   | 45071GT   | BEARING,1.5IDX1.75ODX1.5L .....                        | 2    |
| 2    | 824082GT  | SCREW, HHF, 1/4-20 X 1.75, 8, ZAG .....                | 4    |
| 3    | 824027GT  | NUT, TL FLG, 1/4-20, G, ZAG .....                      | 7    |
|      |           | to SN 19124                                            |      |
| 3B   | 824027GT  | NUT, TL FLG, 1/4-20, G, ZAG .....                      | 3    |
|      |           | from SN 19125 to SN Z30D-927                           |      |
| 3C   | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                      | 3    |
|      |           | from SN Z30D-928                                       |      |
| 4    | 74066GT   | WEAR PAD,EXT CYL *** .....                             | 1    |
| 5    | 824163GT  | SNAP RING, EXTERNAL, 3/4, ZAG .....                    | 2    |
| 6    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                         | 2    |
| 7    | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....              | 2    |
| 8    | 147079GT  | BRACKET, HOSE ROUTING .....                            | 1    |
| 8-   | 56361GT   | CABLE TIE,BUTTON,BLACK,14.75LG .....                   |      |
| 9    | 36192GT   | PIN,0.75DIA X 5.51LG,2RING .....                       | 2    |
| 10   | 147637GT  | ASSY, EXT BOOM, Z30NRJ .....                           | 1    |
| 10-  | 35675GT   | BEARING,FL,1.25IDX1.5ODX1.25L .....                    | 2    |
| 11   | 94214GT   | CYLINDER,EXTENSION,Z30NRJ*** .....                     | 1    |
| 11-  | 36648GT   | VALVE,COUNTERBALANCE 2500 PSI* .....                   |      |
|      |           | (for 94214 cylinder)                                   |      |
| 11-  | 94257GT   | SEAL KIT, 94214 .....                                  |      |
|      |           | (for 94214 cylinder)                                   |      |
| 11-  | 9990146GT | SEAL KIT,CYLINDER (74195) .....                        |      |
|      |           | (for 74195 cylinder)                                   |      |
| 12   | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                          | 3    |
|      |           | to SN 19124                                            |      |
| 12B  | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                          | 2    |
|      |           | from SN 19125                                          |      |
| 13   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32 .....                    | 3    |
| 14   | 824038GT  | NUT,TL JAM,3/8-16,A,ZAG .....                          | 2    |
| 15   | 56849GT   | PAD,REST,1"THICK,W/STUDS* .....                        | 1    |
| 16   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                      | 2    |
|      |           | to SN 19124                                            |      |
| 16B  | 1274322GT | NUT,NYLOCK FLG,3/8-16,F,ZAG .....                      | 3    |
|      |           | from SN 19125                                          |      |

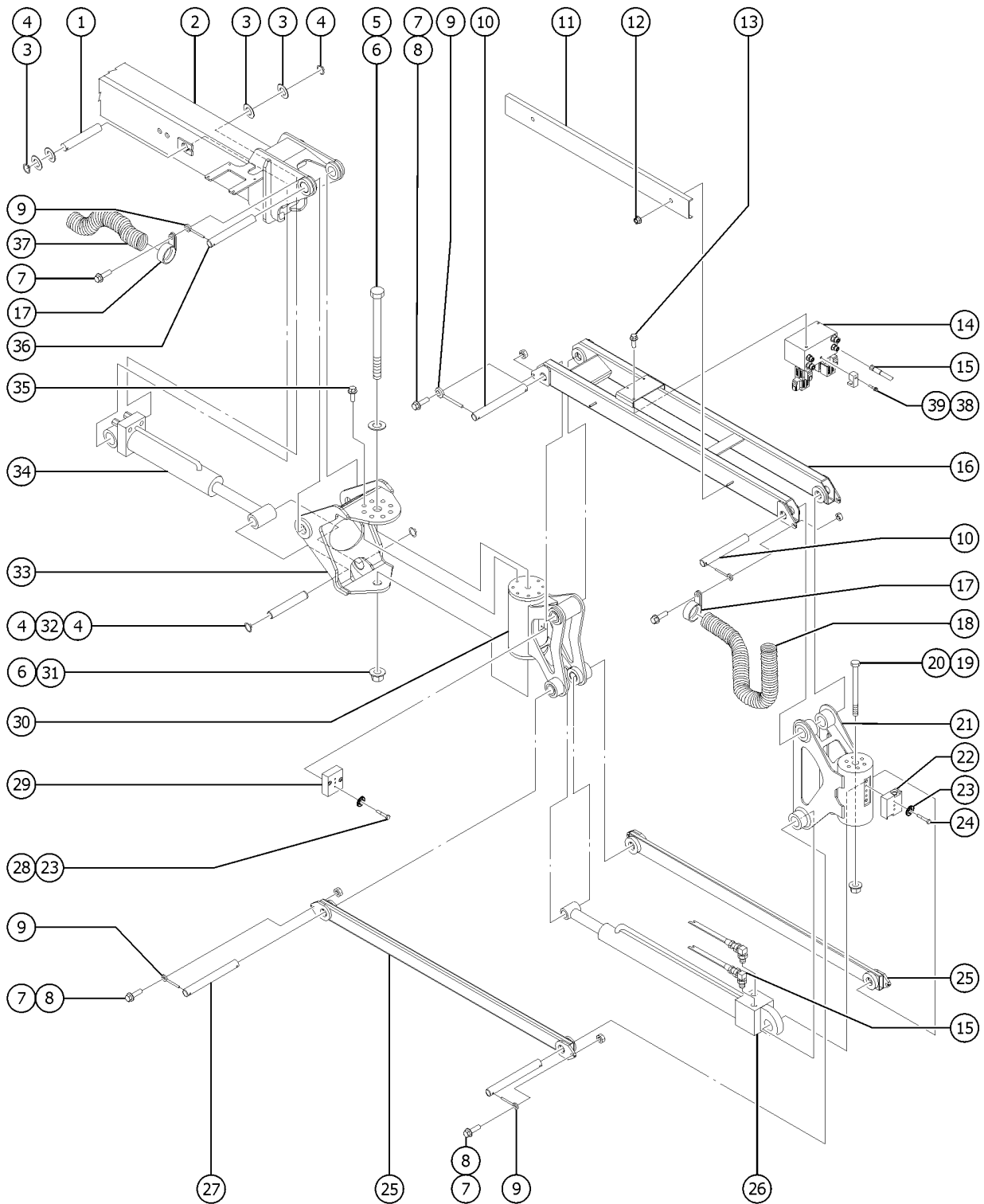
502.1 Primary and Extension Booms



## 502.1 Primary and Extension Booms

| Item | Part No.      | Description                            | Qty. |
|------|---------------|----------------------------------------|------|
| 17   | 54530GT       | CLAMP,HOSE,ALUMINUM .....              | 3    |
| 18   | 110638GT      | HARNESS LS1 OP EXT/RET .....           |      |
| 18-  | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....   | 1    |
| 18-  | 106433GT      | LS SPRING WAND (ZCY91) .....           |      |
| 18-  | 19491GT       | CONTACTOR,LIMIT SWITCH .....           |      |
| 18-  | 22359GT       | SPRING ARM,LIMIT SWITCH,6.25" .....    |      |
| 18-  | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....    | 216  |
| 19   | 824219GT      | SCREW,PHPM SEMS ET,8-32X1.25,Z .....   | 2    |
| 20   | 7056GT        | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....  | 1    |
| 21   | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....    | 1    |
| 22   | 824092GT      | SCREW, HHF, 3/8-16 X 1.5, 8, ZAG ..... | 1    |
| 23   | 825019GT      | ROD END,.375 X 3.69,ZAG .....          | 1    |
| 24   | 101557GT      | PIN,1.00DIAX9.01LG,THREADED .....      | 1    |
| 25   | 825358GT      | WASHER,FLAT,5/16,USS,ZAG .....         | 1    |

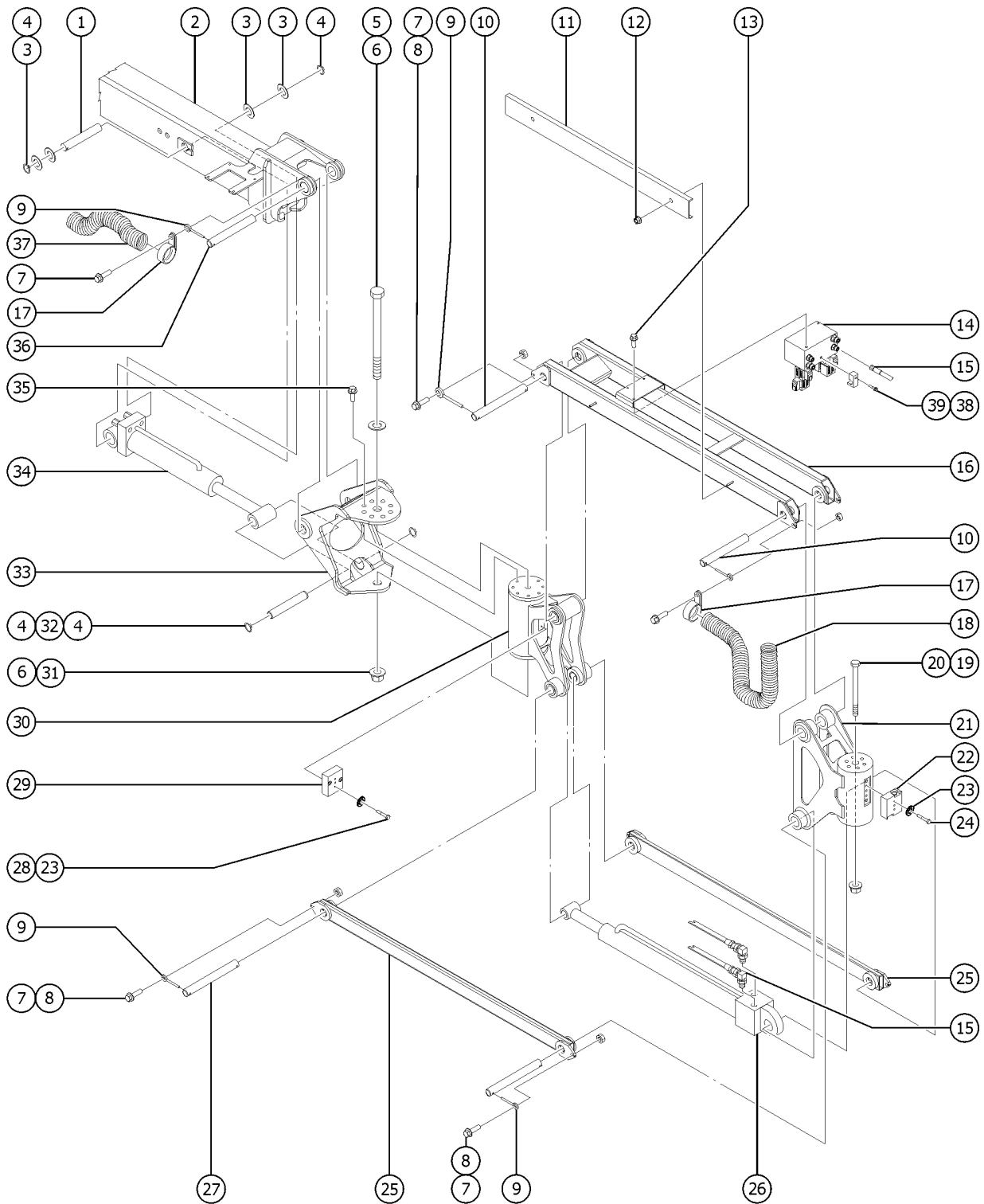
503.1 Rotating Jib Boom Assembly



## 503.1 Rotating Jib Boom Assembly

| Item | Part No.  | Description                                              | Qty. |
|------|-----------|----------------------------------------------------------|------|
| 1    | 50546GT   | PIN,1.25DIA X 6.36LG,2RING .....                         | 1    |
| 2    |           | Ref. Extension Boom (refer to 502.1) .....               |      |
| 3    | 824152GT  | WASHER,SHIM,1.270X1.875X.062,Z .....                     | 4    |
| 4    | 824164GT  | SNAP RING, EXTERNAL,1.25, ZAG .....                      | 4    |
| 5    | 824075GT  | SCREW, HHC, 1-8 X 12.75, 5, ZAG .....                    | 1    |
| 6    | 824116GT  | WASHER,FLAT,1.0,F436,HRD,ZAG .....                       | 2    |
| 7    | 824092GT  | SCREW, HHF, 3/8-16 X 1.5, 8, ZAG .....                   | 4    |
| 8    | 824025GT  | NUT,TL,3/8-16,C,ZAG .....                                | 4    |
| 9    | 825019GT  | ROD END,.375 X 3.69,ZAG .....                            | 5    |
| 10   | 36199GT   | PIN,1.25DIA.X10.38LG,1HOLE .....                         | 2    |
| 11   | 36561-SGT | HOSE COVER,JIB BOOM**<br>US part number .....            | 1    |
| 11B  | 1281277GT | HOSE COVER,JIB BOOM**, METRIC<br>China part number ..... | 1    |
| 12   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                        | 2    |
| 13   | 824077GT  | SCREW, HHF, 1/4-20 X .5, 8, ZAG .....                    | 2    |
| 14   |           | Ref. Jib Boom Manifold<br>refer to 702.1 .....           | 1    |
| 15   |           | Ref. Hydraulic Components<br>refer to 802.1 .....        | 4    |
| 16   | 56976-SGT | JIB BOOM MACH*** .....                                   | 1    |
| 17   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32 .....                      | 2    |
| 18   | 42939GT   | WIRE LOOM,1.88 DIA. ....                                 | 22   |
| 19   | 1273205GT | SCREW,HHC,3/4-10X9.5,8,ZAG .....                         | 1    |
| 20   | 1256863GT | WASHER,FLAT,.75,F436,HRD,ZAG .....                       | 1    |
| 20B  | 1274173GT | NUT,NYLOCK,3/4-10,C,ZAG .....                            | 1    |
| 21   | 233717GT  | ROTATOR,PLAT,Z30/34/Z40 .....                            | 1    |
| 21-  | 233745GT  | SEAL AND BRG KIT, 4.5K ROTATOR .....                     | 1    |
| 21-  | 30222GT   | BEARING,FL,1.25IDX1.41ODX1.50L .....                     |      |
| 22   | 56929GT   | MANIFOLD,ROTATOR,180 DEG.*** .....                       | 1    |
| 22-  | 62506GT   | VALVE - COUNTERBALANCE** .....                           |      |
| 22-  | 62507GT   | O-RING, ROTATOR MANIFOLD .....                           |      |

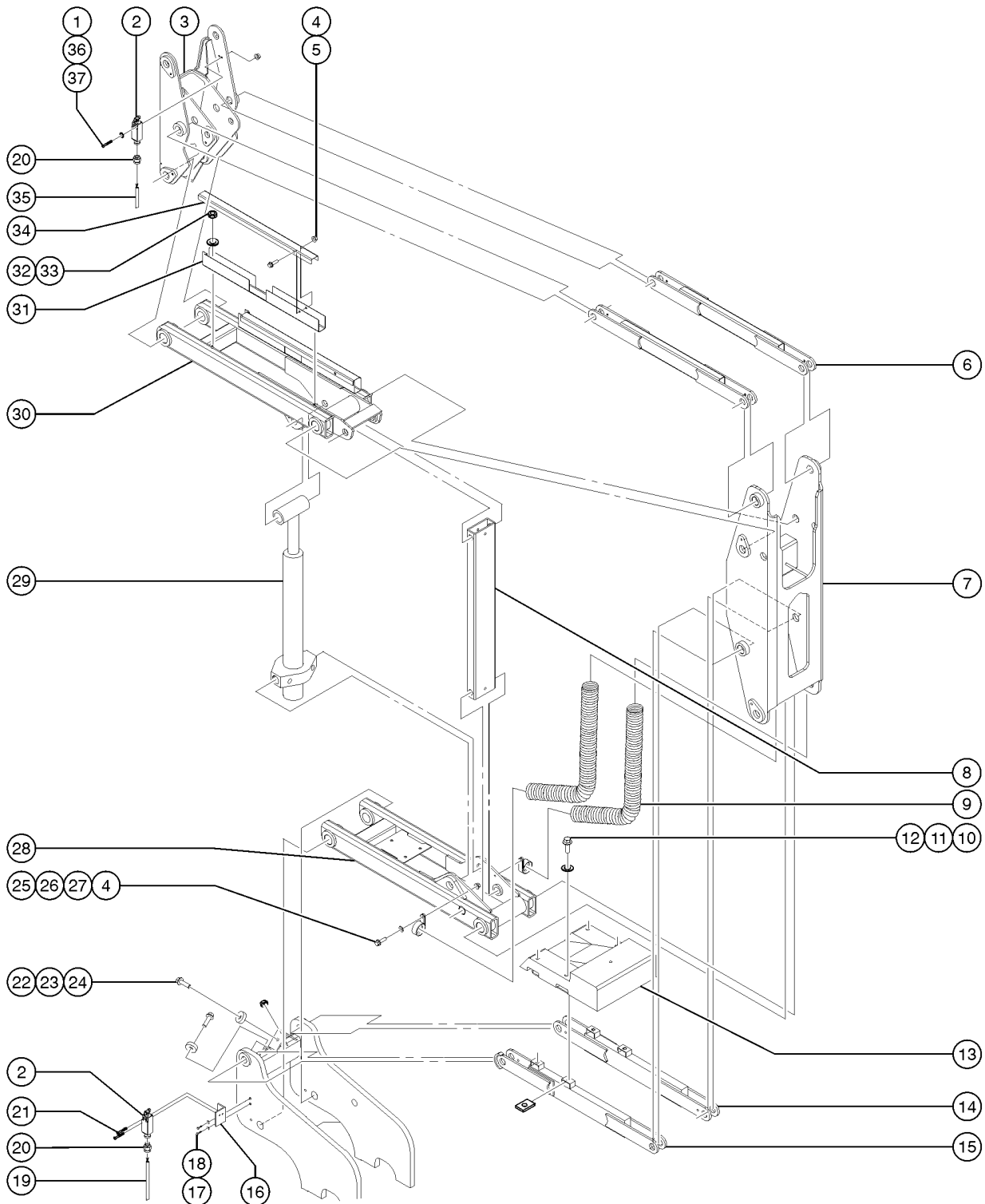
503.1 Rotating Jib Boom Assembly



## 503.1 Rotating Jib Boom Assembly

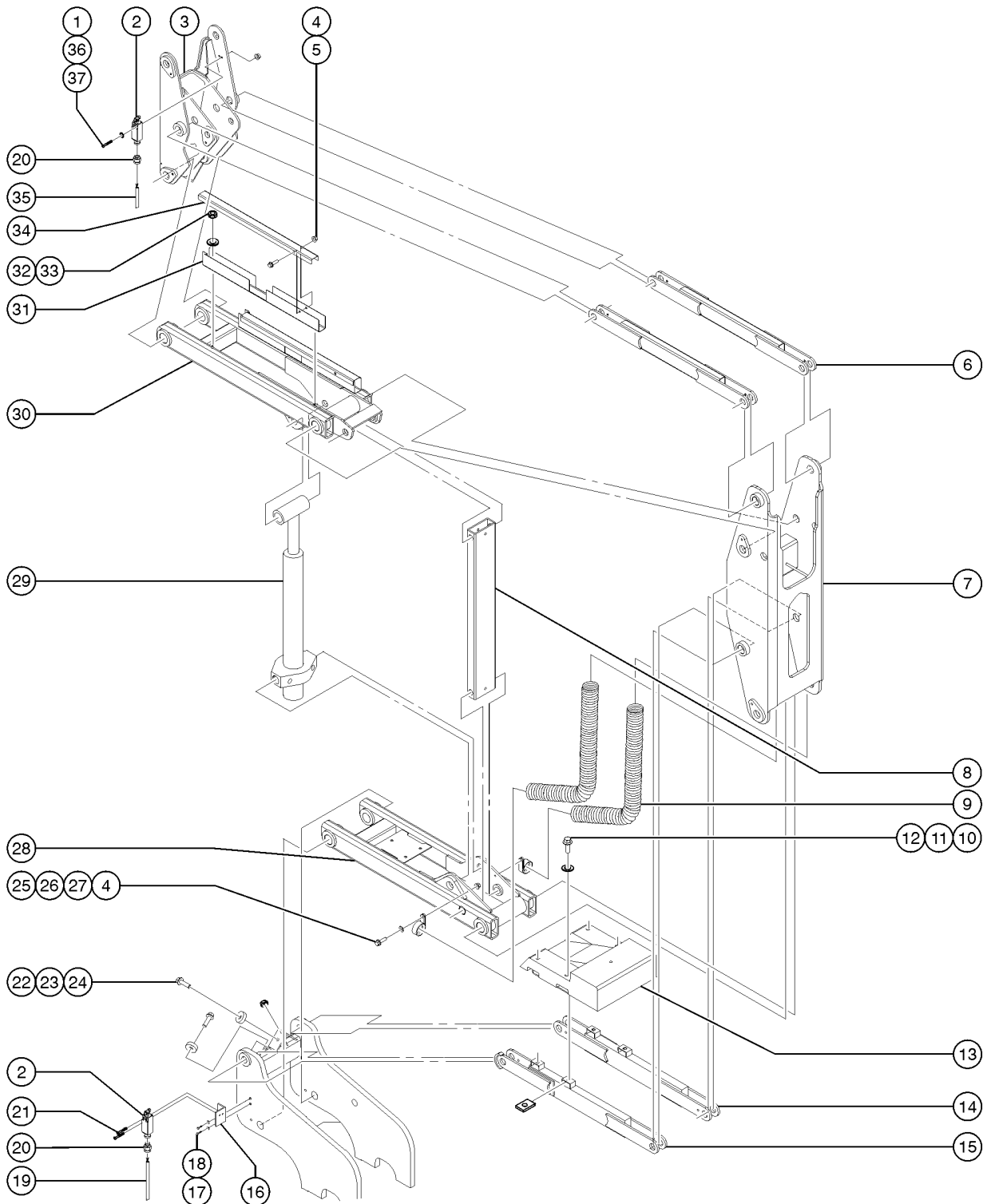
| Item | Part No.  | Description                                                      | Qty. |
|------|-----------|------------------------------------------------------------------|------|
| 23   | 824109GT  | WASHER, LOCK, 1/4, ZAG .....                                     | 6    |
| 24   | 824062GT  | SCREW,HHC,1/4-20X1.5,8,ZAG .....                                 | 3    |
| 25   | 36054-SGT | COMPRESSION MEMBER (BORED)***<br>US part number .....            | 2    |
| 25B  | 1282023GT | COMPRESSION MEMBER (BORED)***, METRIC<br>China part number ..... | 2    |
| 26   |           | Ref. Jib Cylinder (refer to 406.1) .....                         | 1    |
| 27   | 42797GT   | PIN,1.25DIAx12.50LG,2HOLE .....                                  | 1    |
| 28   | 824063GT  | SCREW, HHC, 1/4-20 X 1.75, 8, ZAG .....                          | 3    |
| 29   | 74051GT   | MANIFOLD,ROTATOR 200 DEG. ....                                   | 1    |
| 29-  | 62506GT   | VALVE - COUNTERBALANCE** .....                                   |      |
| 29-  | 62507GT   | O-RING, ROTATOR MANIFOLD .....                                   |      |
| 30   | 226540GT  | ROTATOR,JIB,180 DEG,15K .....                                    | 1    |
| 30-  | 226542GT  | SEAL KIT, 15K ROTATOR .....                                      |      |
| 30-  | 34245GT   | BEARING,1.25IDX1.50X1.25L .....                                  | 2    |
| 30-  | 35675GT   | BEARING,FL,1.25IDX1.5ODX1.25L .....                              | 4    |
| 31   | 1283024GT | NUT,NYLOCK,1-8,8,ZAG .....                                       | 1    |
| 32   | 139655GT  | PIN,SLAVE CYLINDER .....                                         | 1    |
| 33   | 74347GT   | JIB PIVOT ASSEMBLY** .....                                       | 1    |
| 33-  | 35675GT   | BEARING,FL,1.25IDX1.5ODX1.25L .....                              | 2    |
| 34   |           | Ref. Slave Cylinder<br>refer to 406.1 .....                      | 1    |
| 35   | 1256843GT | SCREW,HHC,1/2-13X1.25,8,ZAG .....                                | 8    |
| 35B  | 825353GT  | WASHER,FLAT,1/2,SAE,HRD,ZAG .....                                | 8    |
| 36   | 74089GT   | PIN,1.25DIAx9.63LG,1HOLE .....                                   | 1    |
| 37   | 42939GT   | WIRE LOOM,1.88 DIA. ....                                         | 24   |
| 38   | 824080GT  | SCREW, HHF, 1/4-20 X 1.25, 8, ZAG .....                          | 1    |
| 39   | 229074GT  | CLAMP,WIRE HARNESS .....                                         | 1    |

504.1 Secondary Boom - View 1



| Item | Part No.      | Description                                                    | Qty. |
|------|---------------|----------------------------------------------------------------|------|
| 1A   | 824219GT      | SCREW,PHPM SEMS ET,8-32X1.25,Z .....<br>from SN 15133 to 17342 | 2    |
| 1B   | 1261606GT     | SCREW,PHPM,8-32X1.75,ZAG .....<br>from SN Z30N16F-17343        | 2    |
| 2    | 88356-116R5GT | SWITCH,LIMIT,W/ROLLER ARM .....                                | 2    |
| 2-   | 106427GT      | LS ROT.HEAD W/O LEVER (ZCE01) .....                            |      |
| 2-   | 106428GT      | LS STL ROLLER PLUNGER (ZCE02) .....                            |      |
| 2-   | 106429GT      | LS METAL END PLUNGER (ZCE10) .....                             |      |
| 2-   | 106434GT      | LS BLUE PLASTIC BODY (XCKP) .....                              |      |
| 2-   | 19491GT       | CONTACTOR,LIMIT SWITCH .....                                   |      |
| 2-   | 76450GT       | CONN.SQZ,PG 11,.07-.26,W/ORING .....                           |      |
| 3    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N .....                           | 1    |
| 4    | 1277924GT     | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                              | 3    |
| 5    | 824083GT      | SCREW, HHF, 1/4-20 X 2.5, 8, ZAG .....                         | 4    |
| 6    | 74945GT       | COMPRESSION ARM WLDMT 38.50 ** .....                           | 2    |
| 7    | 40446GT       | LOWER MIDPIVOT ASSY,Z34 & Z34N* .....                          | 1    |
| 8    | 74232GT       | CONNECTING LINK Z30N & Z34*** .....                            | 1    |
| 9    | 42939-5400GT  | WIRE LOOM,1.88 DIA. ....<br>(54 inches long)                   | 1    |
| 10   | 824095GT      | SCREW, HHF, 3/8-16 X 3, 8, ZAG .....                           | 4    |
| 11   | 824120GT      | WASHER, FLAT, .375 X 1.50 X .125, ZAG .....                    | 4    |
| 12   | 29868GT       | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....                       | 4    |
| 13   | 36620GT       | COUNTERWEIGHT,CAST,400 LBS. ....                               | 1    |
| 14   | 94425GT       | COMP ARM WELD LOWER, RIGHT*** .....                            | 1    |
| 15   | 128634GT      | WELDMENT, LWR COMPRESION ARM .....                             |      |
| 16   | 42413GT       | ANGLE,SWITCH MOUNT*** .....                                    | 1    |
| 17   | 824059GT      | SCREW, HHC, 1/4-20 X .75, 8, ZAG .....                         | 2    |
| 18   | 824109GT      | WASHER, LOCK, 1/4, ZAG .....                                   | 2    |
| 19   | 56051GT       | WIRE CABLE,16/2,WHT/BLK,SJEOW .....                            | 72   |
| 20   | 7056GT        | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....                          | 2    |
| 21   | 824223GT      | SCREW,PHPM SEMS ET,10-32X1.25, .....                           | 2    |

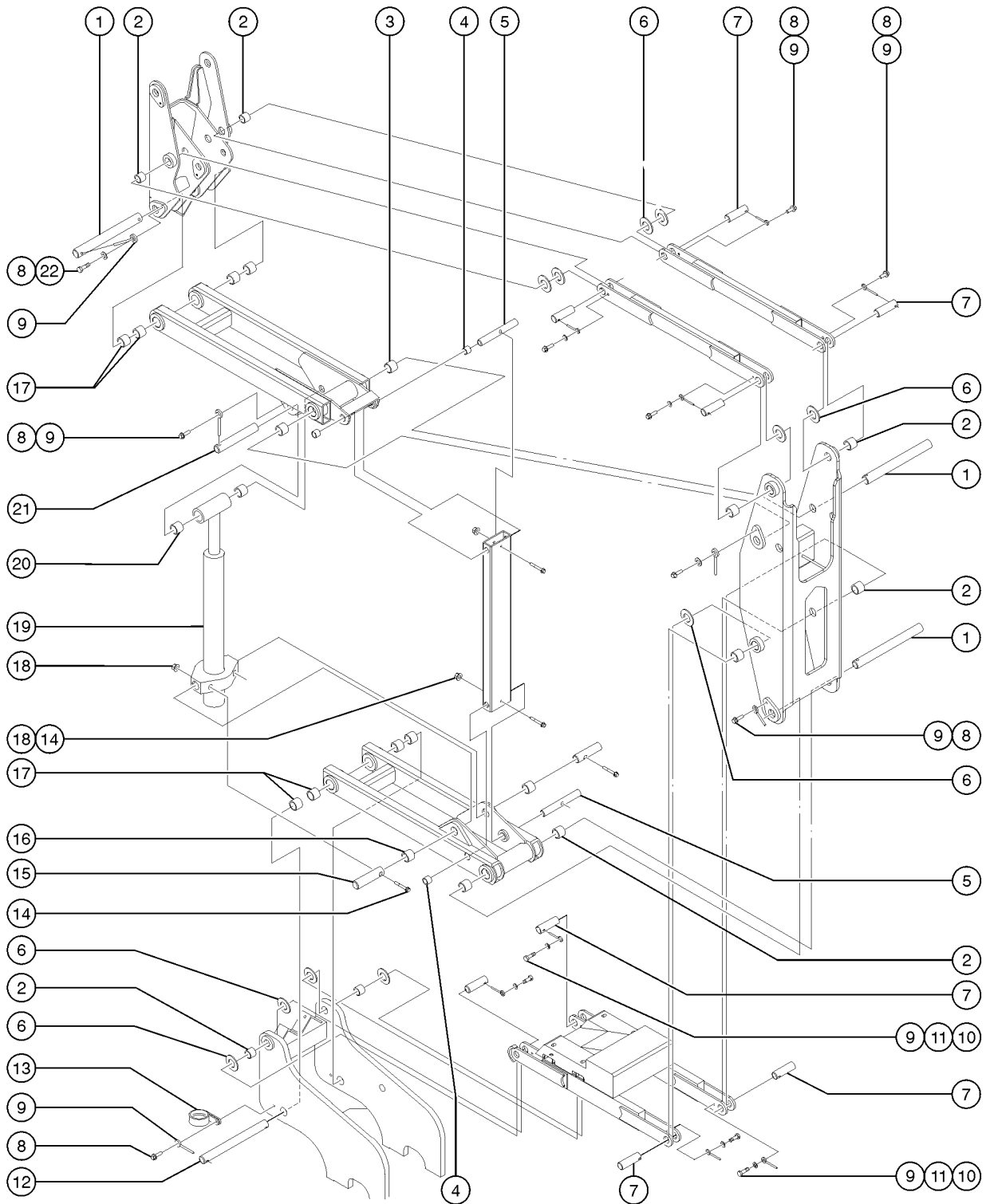
504.1 Secondary Boom - View 1



## 504.1 Secondary Boom - View 1

| Item | Part No.  | Description                                           | Qty. |
|------|-----------|-------------------------------------------------------|------|
| 22   | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....               | 2    |
| 23   | 74085GT   | REST PAD,UPPER PIVOT Z30N .....                       | 2    |
| 24   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                     | 2    |
| 25   | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                        | 2    |
| 26   | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                         | 2    |
| 27   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32 .....                   | 2    |
| 28   | 128040GT  | LOWER SECONDARY BOOM ASSEMBLY .....                   | 1    |
| 29   | 101349GT  | CYLINDER,ELEVATE, Z30N .....                          | 1    |
| 29-  | 94254GT   | SEAL KIT, 94211, 94254, 101349 .....                  | 1    |
| 29-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000** .....                  | 1    |
| 30   | 128039GT  | UPPER SEC BOOM ASSY Z30N RJ .....                     | 1    |
| 31   | 74271GT   | HOSE TRACK,UPPER***<br>US part number .....           | 1    |
| 31B  | 1281290GT | HOSE TRACK,UPPER, METRIC<br>China part number .....   | 1    |
| 32   | 1274322GT | NUT,NYLOCK FLG,3/8-16,F,ZAG<br>from SN 19094 .....    |      |
| 33   | 825353GT  | WASHER,FLAT,1/2,SAE,HRD,ZAG<br>from SN 19094 .....    |      |
| 34   | 42609GT   | HOSE TRACK COVER,UPPER ARM .....                      | 1    |
| 35   | 44133GT   | WIRE CABLE,16/4 CON.TPE JKT* .....                    | 184  |
| 36   | 1257390GT | WASHER,FLAT,#8,SAE,ZAG<br>from SN Z30N16F-17343 ..... | 2    |
| 37   | 1271081GT | NUT,NYLOCK,8-32,8,ZAG<br>from SN Z30N16F-17343 .....  | 2    |

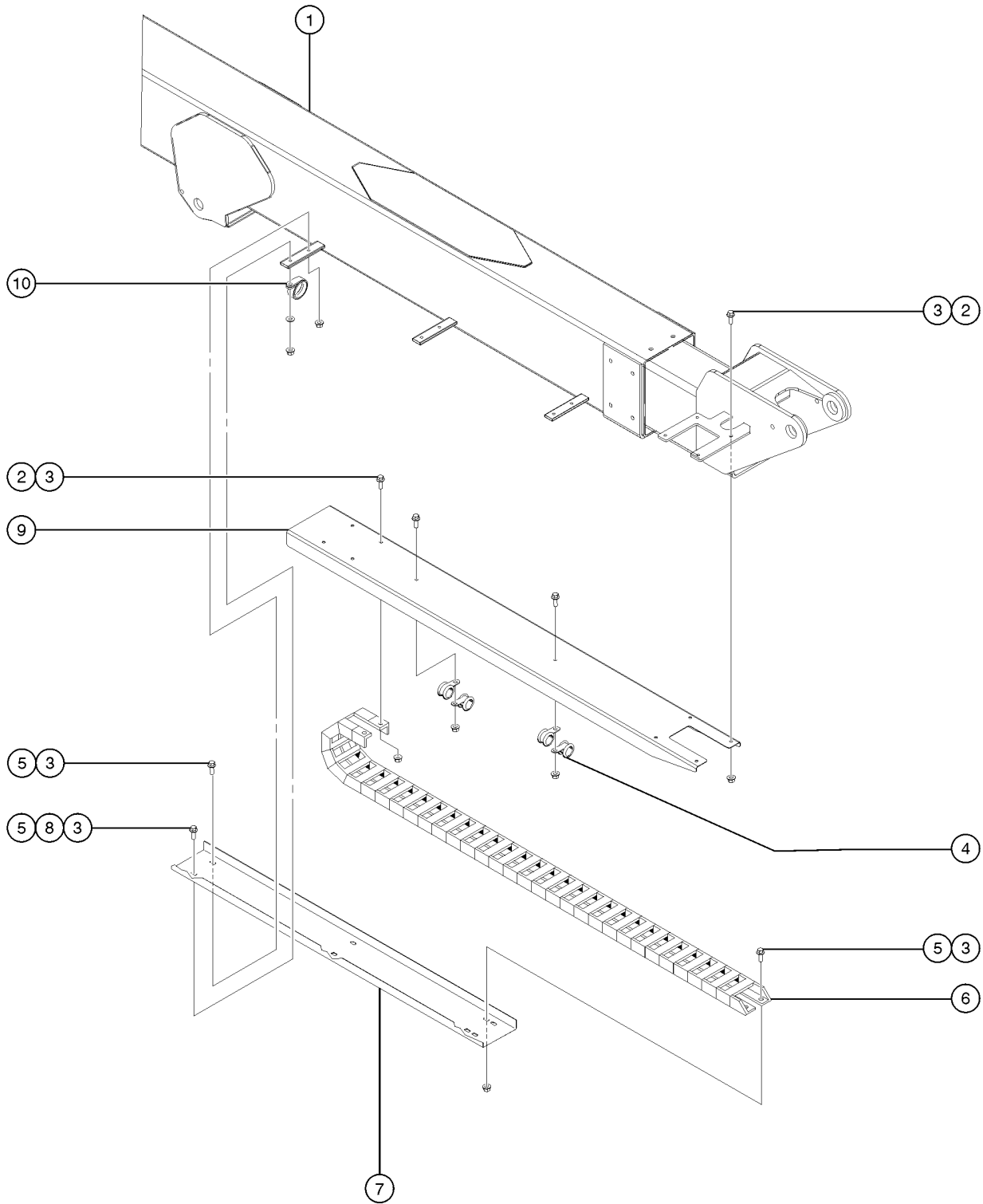
505.1 Secondary Boom - View 2



## 505.1 Secondary Boom - View 2

| Item | Part No.  | Description                                                                                               | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------|------|
| -    | 107935GT  | KIT, SWING HOSE CLAMP, FIELD<br>includes 106959GT, 106960PGT, 107933GT, 107934, and instructions 110148GT |      |
| 1    | 36194GT   | PIN,1.50DIAx15.13LG,1HOLE                                                                                 | 3    |
| 2    | 34245GT   | BEARING,1.25IDX1.50X1.25L                                                                                 | 10   |
| 3    | 45071GT   | BEARING,1.5IDX1.75ODX1.5L                                                                                 | 2    |
| 4    | 36245GT   | BEARING,FL,1.00IDX1.25ODX0.84L                                                                            | 4    |
| 5    | 36202GT   | PIN,1.00DIAx7.25LG,1HOLE                                                                                  | 2    |
| 6    | 824151GT  | WASHER,SHIM,1.270X2.130X.062,Z                                                                            | 8    |
| 7    | 36390GT   | PIN,1.25DIAx3.63LG,THREADED                                                                               | 8    |
| 8    | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG                                                                         | 9    |
| 9    | 825019GT  | ROD END,.375 X 3.69,ZAG                                                                                   | 3    |
| 10   | 824067GT  | SCREW, HHC, 3/8-16 X 1, 8, ZAG                                                                            | 4    |
| 11   | 824110GT  | WASHER, LOCK, 3/8, ZAG                                                                                    | 4    |
| 12   | 36389GT   | PIN,1.50DIAx16.13LG,1HOLE                                                                                 | 1    |
| 13   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32                                                                             | 1    |
| 14   | 824094GT  | SCREW, HHF, 3/8-16 X 2.75, 8, ZAG                                                                         | 4    |
| 15   | 36205GT   | PIN,1.25DIAx3.00LG,THREADED                                                                               | 2    |
| 16   | 36246GT   | BEARING,FL,1.25IDX1.50ODX1.09L                                                                            | 2    |
| 17   | 18396GT   | BEARING,1.5IDX1.75ODX1.0L                                                                                 | 4    |
| 18   | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG                                                                               | 4    |
| 19   |           | Ref. Elevate Cylinder (refer to 504.1)                                                                    |      |
| 20   | 25683GT   | BEARING,POLYGON,20DU12                                                                                    | 2    |
| 21   | 74089GT   | PIN,1.25DIAx9.63LG,1HOLE                                                                                  | 1    |
| 22   | 825358GT  | WASHER,FLAT,5/16,USS,ZAG                                                                                  | 1    |

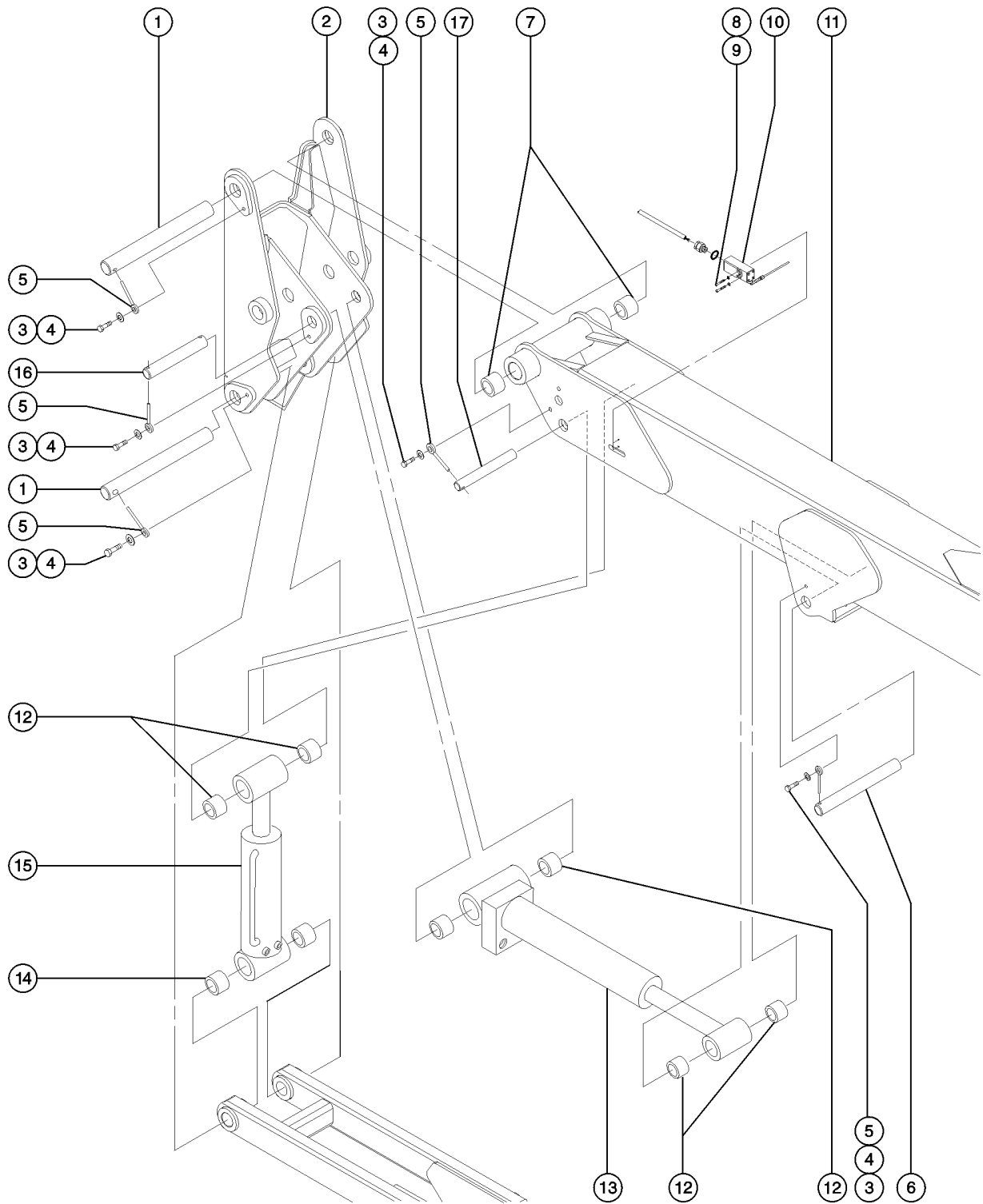
506.1 Cable Track



## 506.1 Cable Track

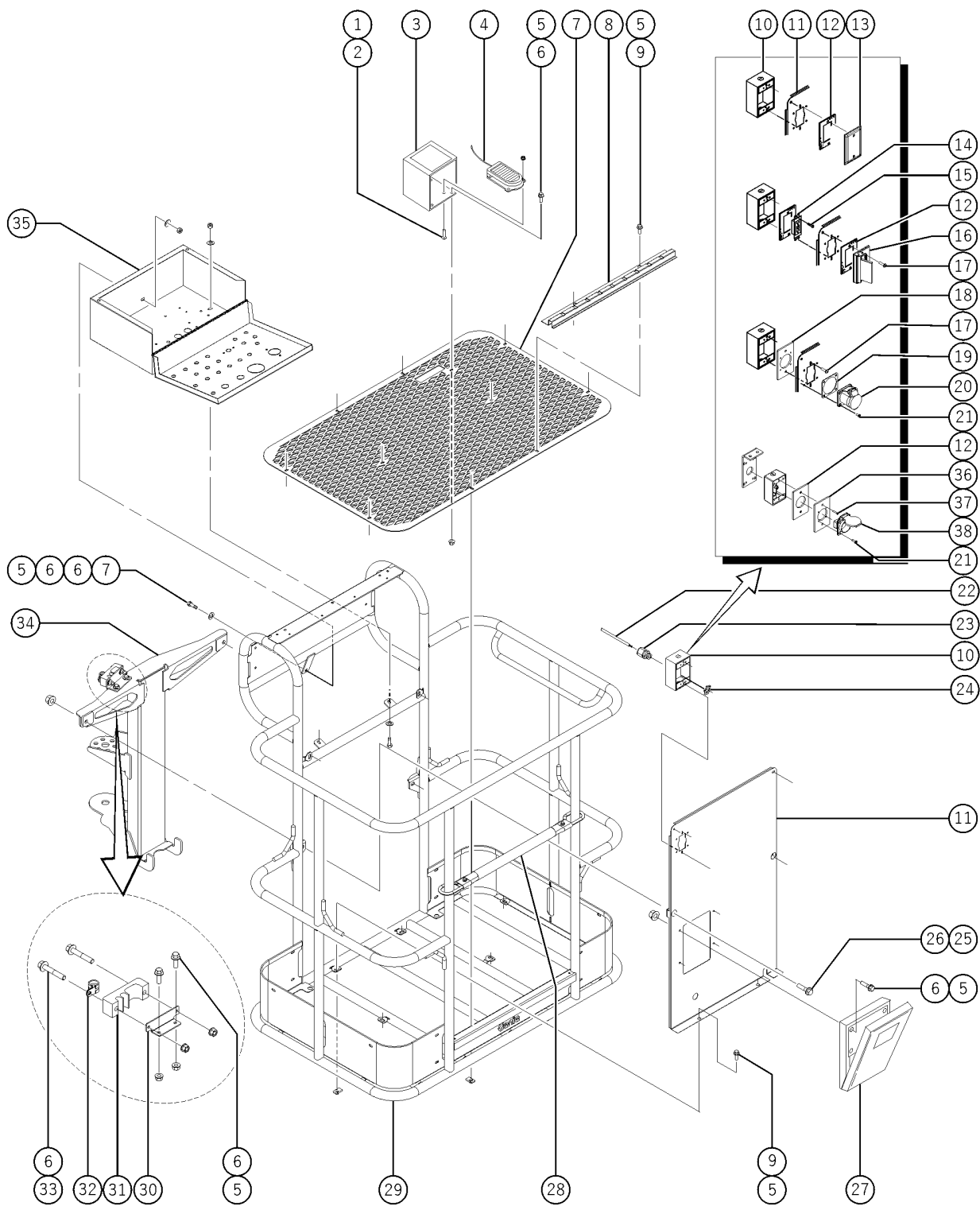
| Item | Part No.  | Description                                                 | Qty. |
|------|-----------|-------------------------------------------------------------|------|
| 1    |           | Ref. Primary and Extension Booms (refer to 502.1) .....     |      |
| 2    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....                              | 10   |
| 3    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                           | 16   |
| 4    | 6833GT    | CLAMP,0.50,#8 X 1/4,RUB CUSH .....                          | 4    |
| 5    | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....                            | 6    |
| 6    | 139537GT  | CABLE TRACK,NYLATRAC,26 LINK<br>(to SN Z30ND-1685) .....    | 1    |
| 6-   | 139540GT  | REPAIR LINK,NYLATRAC,7 LINKS<br>(to SN Z30ND-1685) .....    |      |
| 6-   | 139541GT  | BRACKET SET,NYLATRAC,KS400<br>(to SN Z30ND-1685) .....      |      |
| 6-   | 139542GT  | LINK,NYLATRAC,KS400<br>(to SN Z30ND-1685) .....             |      |
| 6B   | 1309745GT | CABLE TRACK,PA6,29 LINK<br>(from SN Z30ND-1686) .....       | 1    |
| 6B-  | 1311787GT | LINK,PA6,CDPS0910,CABLE TRACK<br>(from SN Z30ND-1686) ..... |      |
| 6B-  | 1311837GT | BRACKET SET,CDPS 0912<br>(from SN Z30ND-1686) .....         |      |
| 6B-  | 1311849GT | CROSS COVER,CDPS 0911<br>(from SN Z30ND-1686) .....         |      |
| 7    | 56983PGT  | CHANNEL,LWR TRAY PLASTIC TK ** .....                        |      |
| 8    | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....                               | 3    |
| 9    | 74119PGT  | CHANNEL, CABLE TRACK, UPPER .....                           | 1    |
| 10   | 1288080GT | CLAMP,RUBBER CUSHIONED-2 5/32 .....                         | 3    |

507.1 Mid Pivot



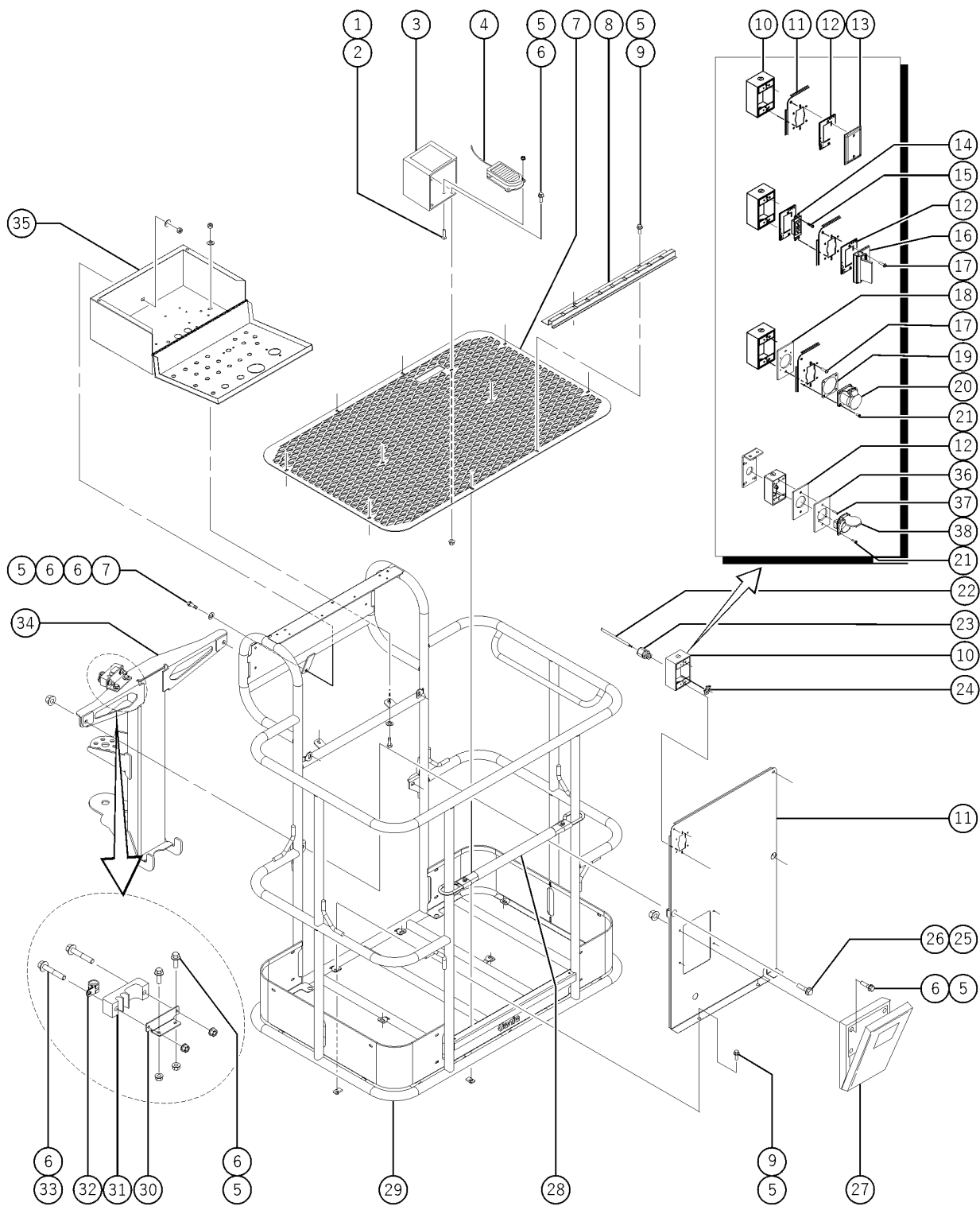
| Item | Part No.      | Description                                            | Qty. |
|------|---------------|--------------------------------------------------------|------|
| 1    | 36194GT       | PIN,1.50DIAX15.13LG,1HOLE .....                        | 1    |
| 2    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N .....                   | 1    |
| 3    | 6019GT        | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                    |      |
| 4    | 6021GT        | WASHER, LOCK, .375 .....                               |      |
| 5    | 825019GT      | ROD END,.375 X 3.69,ZAG .....                          | 3    |
| 6    | 36198GT       | PIN,1.25DIAX8.12LG,1HOLE .....                         |      |
| 7    | 45071GT       | BEARING,1.5IDX1.75ODX1.5L .....                        | 2    |
| 8    | 49821GT       | SCREW,PHILLIPS,PHM,8-32 X 1.25 .....                   |      |
| 9    | 6607GT        | WASHER,LOCK,#10 PLTD .....                             |      |
| 10   | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....                   | 1    |
| 10-  | 106433GT      | LS SPRING WAND (ZCY91) .....                           |      |
| 10-  | 106082GT      | HARNESS,LS,EXT/RET LS1 Z30 .....                       |      |
| 11   |               | Ref. Primary Boom Tube Assembly (refer to 502.1) ..... |      |
| 12   | 47377GT       | BEARING,1.25 ID X 1.5 OD X .75 .....                   | 6    |
| 13   | 94215GT       | CYLINDER,PRIMARY LIFT .....                            | 1    |
|      |               | includes item 12                                       |      |
| 13-  | 94258GT       | SEAL KIT, 94215, 94430 .....                           |      |
| 13-  | 43937GT       | VALVE,CB.CBBC-LHN@3200*** .....                        |      |
| 14   | 52625GT       | BEARING,1.50 X 1.66 X 1.5 .....                        |      |
| 15   | 94216GT       | CYLINDER,MASTER .....                                  |      |
|      |               | includes items 12 and 14                               |      |
| 15-  | 94259GT       | SEAL KIT, 94216 .....                                  |      |
| 16   | 36198GT       | PIN,1.25DIAX8.12LG,1HOLE .....                         |      |
| 17   | 74091GT       | PIN,1.25DIAX9.13LG,1HOLE .....                         | 1    |

601.1 Platform



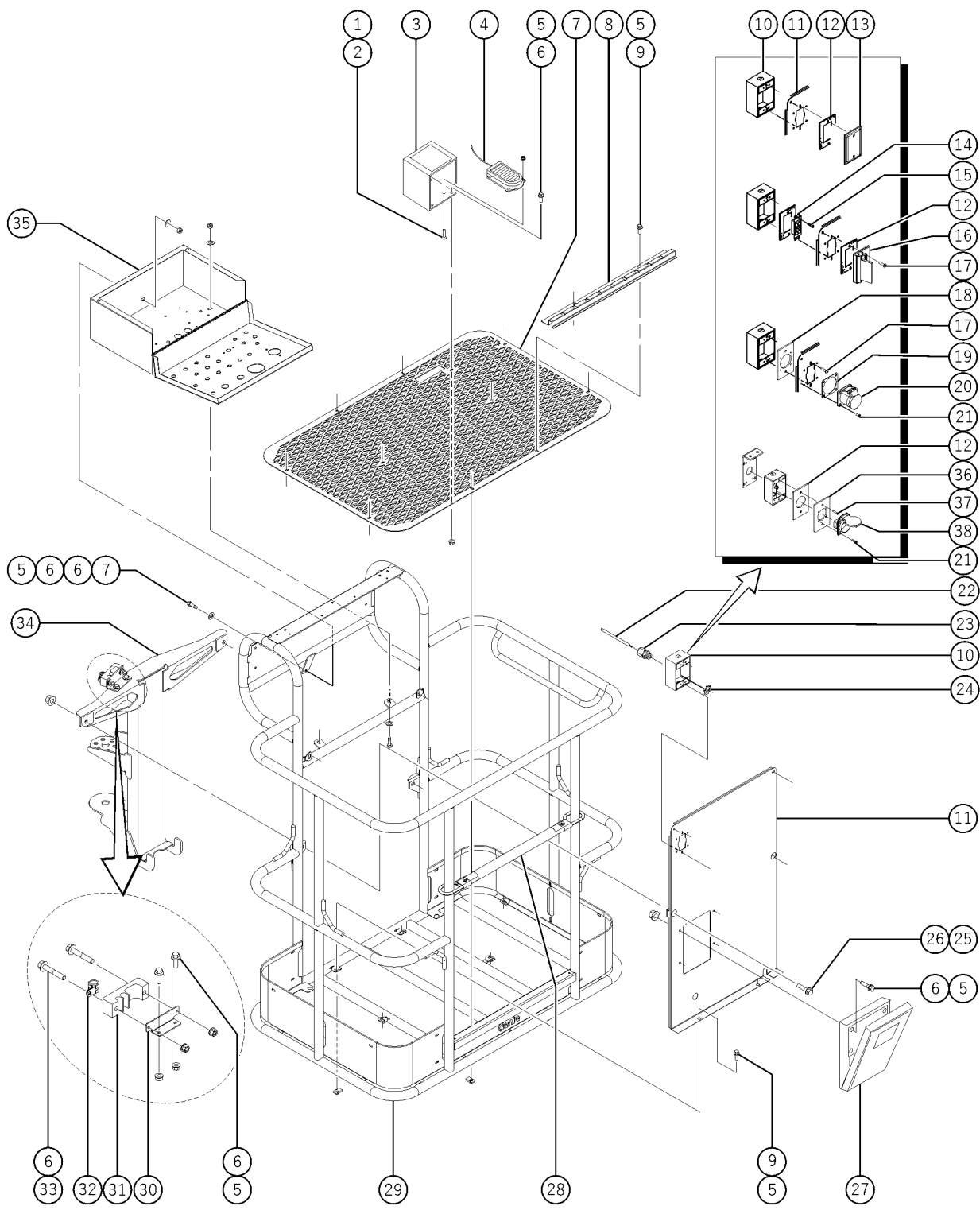
| Item | Part No.   | Description                                                                  | Qty. |
|------|------------|------------------------------------------------------------------------------|------|
| A-   | 101985GT   | PLAT ASSY W/DECAL(US/CANADA) .....<br>ANSI and CSA                           | 1    |
| B-   | 101986GT   | PLAT ASSY W/DECAL (CE) .....<br>CE                                           | 1    |
| C-   | 101987GT   | PLAT ASSY W/DECAL (AUSTRALIA) .....<br>AUS                                   | 1    |
| D-   | 101988GT   | PLAT ASSY W/DECAL (ASIA/S.AMER .....<br>Asia and S. America                  | 1    |
| E-   | 94745PGT   | TOEBOARD,ENTRY EUROPEAN PNTD** .....                                         | 1    |
| 1    | 824225GT   | SCREW,FHPM,10-32X.75,ZAG .....                                               | 2    |
| 2    | 1274168GT  | NUT,NYLOCK,10-32,A,ZAG .....                                                 | 2    |
| 3    | 32710GT    | GUARD,FOOTSWITCH,W/DECAL STEEL .....<br>ANSI, CSA and AUS                    |      |
| 3B   | 30807P-SGT | FOOTSWITCH HOUSING,PAINTED .....<br>CE, Asia and S. America                  |      |
| 4    | 227620GT   | ASSEMBLY,FOOT SWITCH .....                                                   | 1    |
| 4-   | 227564GT   | FOOT SWITCH,20A IP65 .....                                                   | 1    |
| 4-   | 119058GT   | CONN PLUG 4 WAY ENDCAP DT .....                                              | 1    |
| 4-   | 33576GT    | CONN,SQZ,1/2NPT.,170-.450 .....                                              | 1    |
| 4-   | 60429GT    | LOCK,PLUG 4 WAY,14-18GA .....                                                | 1    |
| 4-   | 73739GT    | BOOT,PLUG 4 WAY .....                                                        | 1    |
| 4-   | 38681GT    | TERMINAL,#10 RING,BLUE,REEL .....                                            | 3    |
| 4-   | 73714GT    | TERMINAL, SOCKET, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP .... | 4    |
| 4-   | 43960GT    | WIRE CABLE,16/4 CON.TPE JKT .....                                            | 60   |
| 4-   | 1257248GT  | SCREW, SHC, M4-0.7X8, DIN912, .....                                          |      |
| 4-   | 1257249GT  | WASHER, LOCK, M4, SS .....                                                   |      |
| 5    | 824078GT   | SCREW,HHF,1/4-20X.75,8,ZAG .....                                             |      |
| 6    | 1277924GT  | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                                            |      |
| 7    | 56465PGT   | FLOORING,PLATFORM 46X30,PAINT .....<br>US part number                        | 1    |
| 7B   | 1281331GT  | FLOORING,PLATFORM, 46X30,METRIC .....<br>China part number                   | 1    |
| 8    | 56656PGT   | PLATFORM STEP * PAINTED .....<br>US part number, (to SN Z30ND-1399)          | 1    |
| 8B   | 1281329GT  | PLATFORM STEP, METRIC .....<br>China part number, (to SN Z30ND-1399)         | 1    |
| 9    | 56912GT    | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                    |      |
| 10   | 1310378GT  | T-BOX, 2.75 X 4.5 X 2.0** .....                                              | 1    |

601.1 Platform



| Item | Part No.  | Description                                                      | Qty. |
|------|-----------|------------------------------------------------------------------|------|
| 10B  | 10775GT   | T-BOX, 2.75 X 4.5 X 2.0** .....                                  | 1    |
| 11   | 1274873GT | FORMING,DECAL PLATE .....                                        | 1    |
|      |           | US part number                                                   |      |
| 11B  | 1281271GT | FORMING,DECAL PLATE, METRIC .....                                | 1    |
|      |           | China part number                                                |      |
| 12   | 74052GT   | MAGNET, 1/4-20, 15 LB. ....                                      |      |
| 13   | 10777GT   | COVER, BLANK .....                                               | 1    |
| 14   | 13585GT   | OUTLET 110V .....                                                | 1    |
|      |           | ANSI/CSA                                                         |      |
| 15   | 33759GT   | SCREW,PHILLIPS,PHM,8-32X.375 .....                               | 2    |
| 16   | 74006GT   | COVER,GFCI,HORIZONTAL,WEATHER .....                              | 1    |
| 17   | 824214GT  | SCREW,PHPM,6-32X.50,ZAG .....                                    | 2    |
| 18   | T112561GT | PLATE,UK POWER TO PLATFORM .....                                 | 1    |
| 19   | 66356GT   | GASKET, UK RECEPTACLE .....                                      | 1    |
| 20   | T112560GT | RECEPTACLE,UK,110 VOLT .....                                     | 1    |
|      |           | is included with kit T112563GT                                   |      |
| 21   | 1255788GT | SCREW,FHPM,8-32X.375,ZAG .....                                   | 4    |
| 22   | 43956GT   | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....                          |      |
|      |           | refer to 306.1                                                   |      |
| 23   | 7056GT    | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....                            | 1    |
| 24   | 6935GT    | LOCKNUT,CONN, SQZ, 1/2NPT .....                                  | 1    |
| 25   | 824087GT  | SCREW, HHF, 5/16-18 X 1.25, 8, ZAG .....                         |      |
| 26   | 1274167GT | NUT,NYLOCK FLG,5/16-18,F,ZAG .....                               |      |
| 27   | 44743GT   | MANUAL BOX W/DECALS*** .....                                     | 1    |
|      |           | USA/Canada/Australia                                             |      |
| 27B  | 24514GT   | BOX, INSTRUCTION STORAGE** .....                                 |      |
|      |           | Europe/Asia/South America (decals required; refer to Section100) |      |
| 28   | 102992GT  | SLIDING MIDRAIL KIT,PTD .....                                    | 1    |
| 29   | 1283373GT | WELDMENT,PLATFORM 46X30 .....                                    | 1    |
|      |           | (revision A to SN Z30ND-1399)                                    |      |
| 29B  | 1298604GT | WELDMENT, PLATFORM, SWING GATE,4FT .....                         | 1    |
|      |           | (swing gate option)                                              |      |
| 30   | 128667GT  | BRACKET, CABLE STRAIN RELIEF .....                               | 1    |
|      |           | US part number                                                   |      |
| 30B  | 1281272GT | BRACKET, CABLE STRAIN RELIEF, METRIC .....                       | 1    |
|      |           | China part number                                                |      |
| 31   | 128668GT  | CLAMP,CABLE STRAIN RELIEF .....                                  | 1    |
| 32   | 128669GT  | BACKING PLATE, PLATFORM CLAMP .....                              | 1    |
|      |           | US part number                                                   |      |
| 32B  | 1281273GT | BACKING PLATE, PLATFORM CLAMP, METRIC .....                      | 1    |
|      |           | China part number                                                |      |

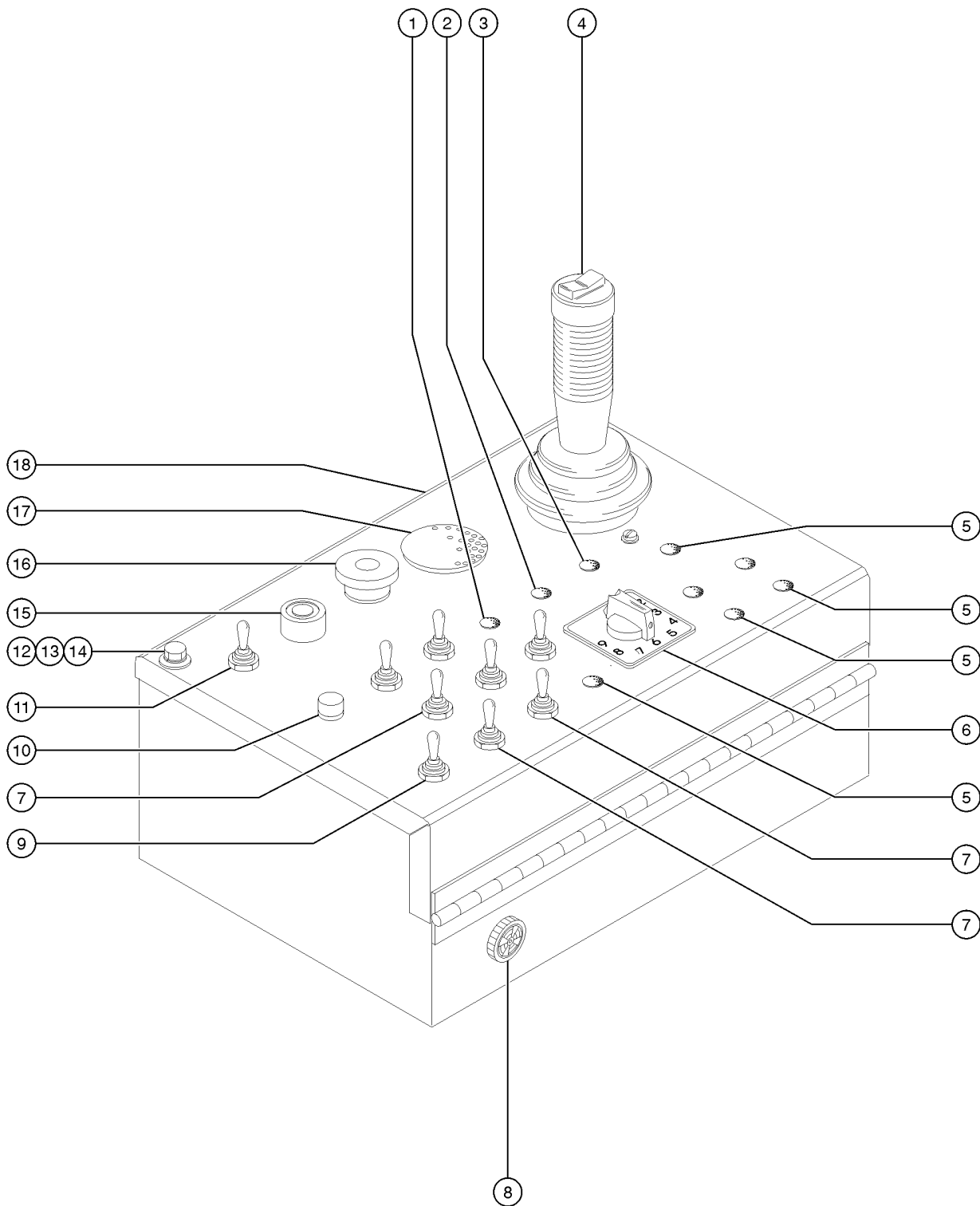
601.1 Platform



## 601.1 Platform

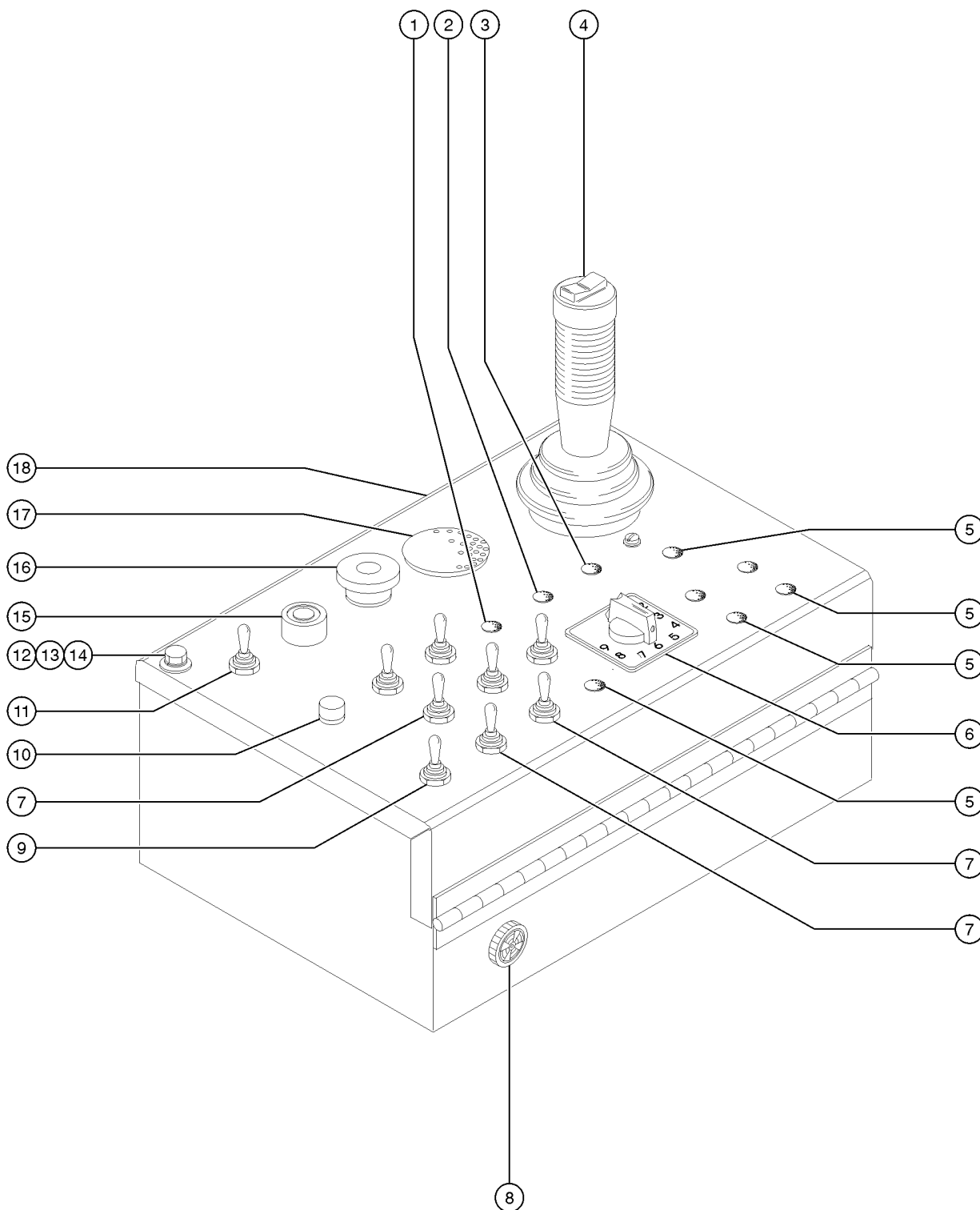
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                    | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------------------------------------------------------------------|-------------|
| 33          | 824081GT        | SCREW,HHF,1/4-20X1.5,8,ZAG .....                                                                      |             |
| 34          | 56500-SGT       | WELDMENT,PLATFORM SUPPORT***<br>refer to 905.1 for Platform Overload option, (to SN Z30ND-1399) ..... | 1           |
| 35          |                 | Ref. Platform Control Box (refer to 602.1 and 603.1) .....                                            |             |
|             |                 | refer to 603.1 Platform Controls                                                                      |             |
| 36          | 236966GT        | PLATE,EURO POWER TO PLATFORM .....                                                                    | 1           |
|             |                 | EU plug option                                                                                        |             |
| 37          | 63375GT         | SCREW,FHPM,6-32 X .75,ZAG .....                                                                       | 2           |
|             |                 | EU plug option                                                                                        |             |
| 38          | 66353GT         | RECEPTACLE, DIN, 220V 50A .....                                                                       | 1           |
|             |                 | EU plug option                                                                                        |             |

602.1 Platform Controls - External View



| Item | Part No. | Description                                        | Qty. |
|------|----------|----------------------------------------------------|------|
| 1    | 229567GT | PLUG,SANTOPRENE .5 BLACK DOME .....                |      |
| 1B   | 128202GT | SWITCH TOGGLE ASSY DPDT 3P MOM .....               | 1    |
|      |          | option, jib boom rotate switch                     |      |
| 2    | 229567GT | PLUG,SANTOPRENE .5 BLACK DOME .....                |      |
| 2B   | 824878GT | LIGHT,LED IND. RED 24V NH .....                    |      |
|      |          | option, machine not level indicator light          |      |
| 3    | 229567GT | PLUG,SANTOPRENE .5 BLACK DOME .....                |      |
| 3B   | 824878GT | LIGHT,LED IND. RED 24V NH .....                    |      |
|      |          | option, platform overload indicator light          |      |
| 4    |          | Ref: JOYSTICK,5K-0 OHM,W/RELAY .....               |      |
|      |          | 12-pin connector, refer to 604.1                   |      |
| 5    | 229567GT | PLUG,SANTOPRENE .5 BLACK DOME .....                | 6    |
| 6    | 56886GT  | CONTROLLER,ROTARY 24V W/RAMP .....                 | 1    |
|      |          | refer to 605.1                                     |      |
| 6-   | 35680GT  | LEGEND,PLSTC,"CREEP TO 9"*** .....                 |      |
|      |          | for 56886                                          |      |
| 7    | 128202GT | SWITCH TOGGLE ASSY DPDT 3P MOM .....               | 7    |
| 8    | 45383GT  | ALARM,WARBLE TONE 5-30 VDC*** .....                | 1    |
|      |          | nut ring not included                              |      |
| 8-   | 72326GT  | NUT - PLASTIC, RING FOR ALARMS .....               | 1    |
| 9    | 128200GT | SWITCH TOGGLE ASSY SPDT 3P MOM .....               | 1    |
|      |          | drive enable switch                                |      |
| 10   | 824878GT | LIGHT,LED IND. RED 24V NH .....                    | 1    |
|      |          | drive enable indicator light                       |      |
| 11   | 128581GT | SWITCH TOGGLE DPDT 2P MOM SHDR .....               | 1    |
|      |          | auxiliary power switch                             |      |
| 12   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                     |      |
| 13   | 6356GT   | WASHER, LOCK, .25 .....                            |      |
| 14   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                     |      |
| 15   | 122513GT | KIT,HORN SVC BB&SM BOOM .....                      | 1    |
| 15-  | 66813GT  | BUTTON,PUSH,BLACK W/SEAL*** .....                  |      |
| 15-  | 66815GT  | BASE, W/1 N.O. CONTACTS*** .....                   |      |
| 16   | 122514GT | KIT,ESTOP SVC BB&SM BOOM .....                     | 1    |
| 16-  | 66812GT  | BUTTON,PUSH,RED MUSHROOM HEAD .....                |      |
| 16-  | 66821GT  | BASE,WITHOUT CONTACTS .....                        |      |
| 16-  | 66818GT  | CONTACT,NC .....                                   |      |
| 16-  | 226321GT | BOOT(BELLOWS),E-STOP, RED .....                    |      |
| 17   | 45840GT  | PLUG,NYLON 2.00 BLACK DOMED .....                  | 1    |
|      |          | refer to 903.1 for battery charge indicator option |      |

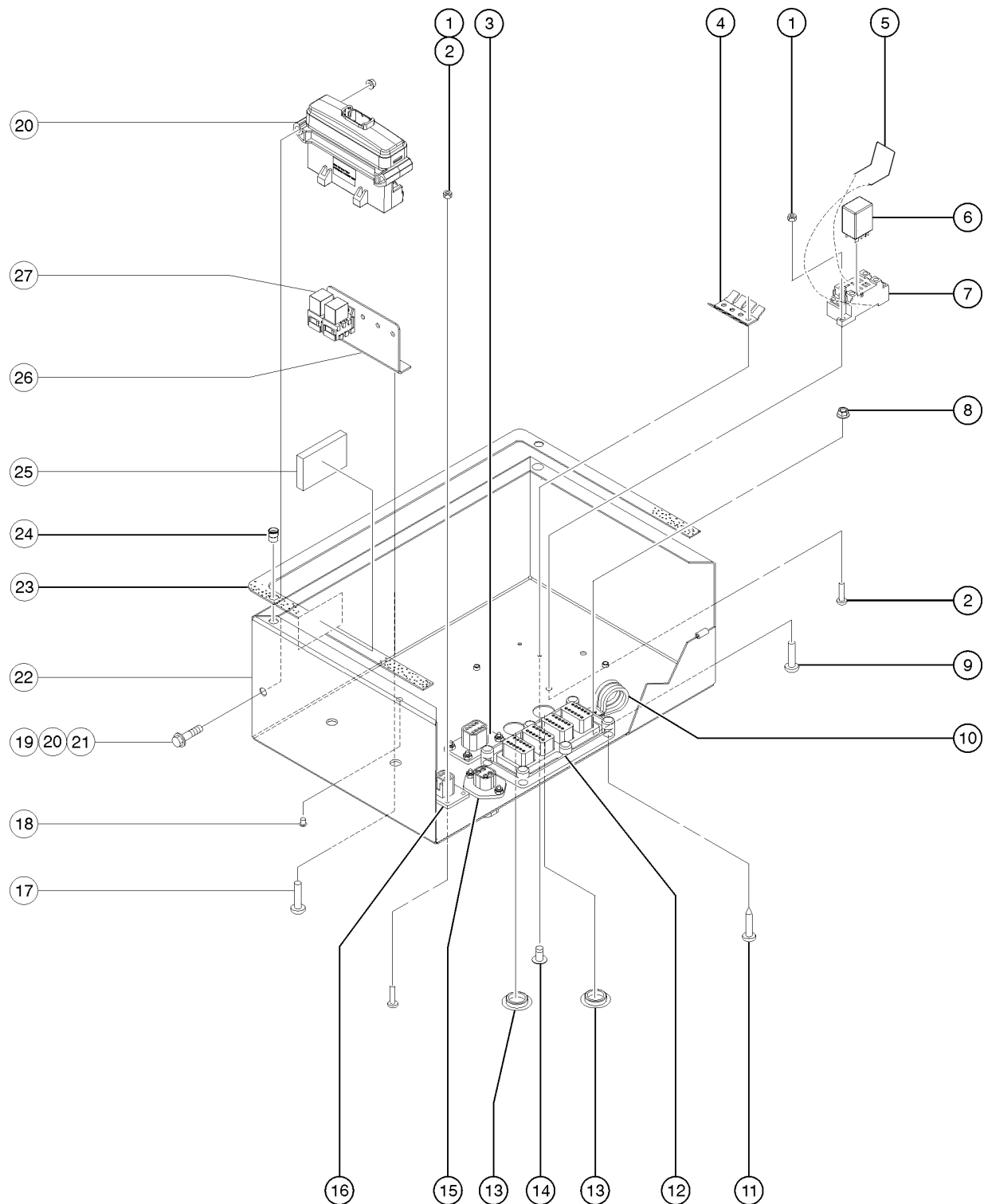
602.1 Platform Controls - External View



| Item | Part No. | Description                                       | Qty. |
|------|----------|---------------------------------------------------|------|
| 18   |          | ref. Platform Control Box .....<br>refer to 603.1 |      |

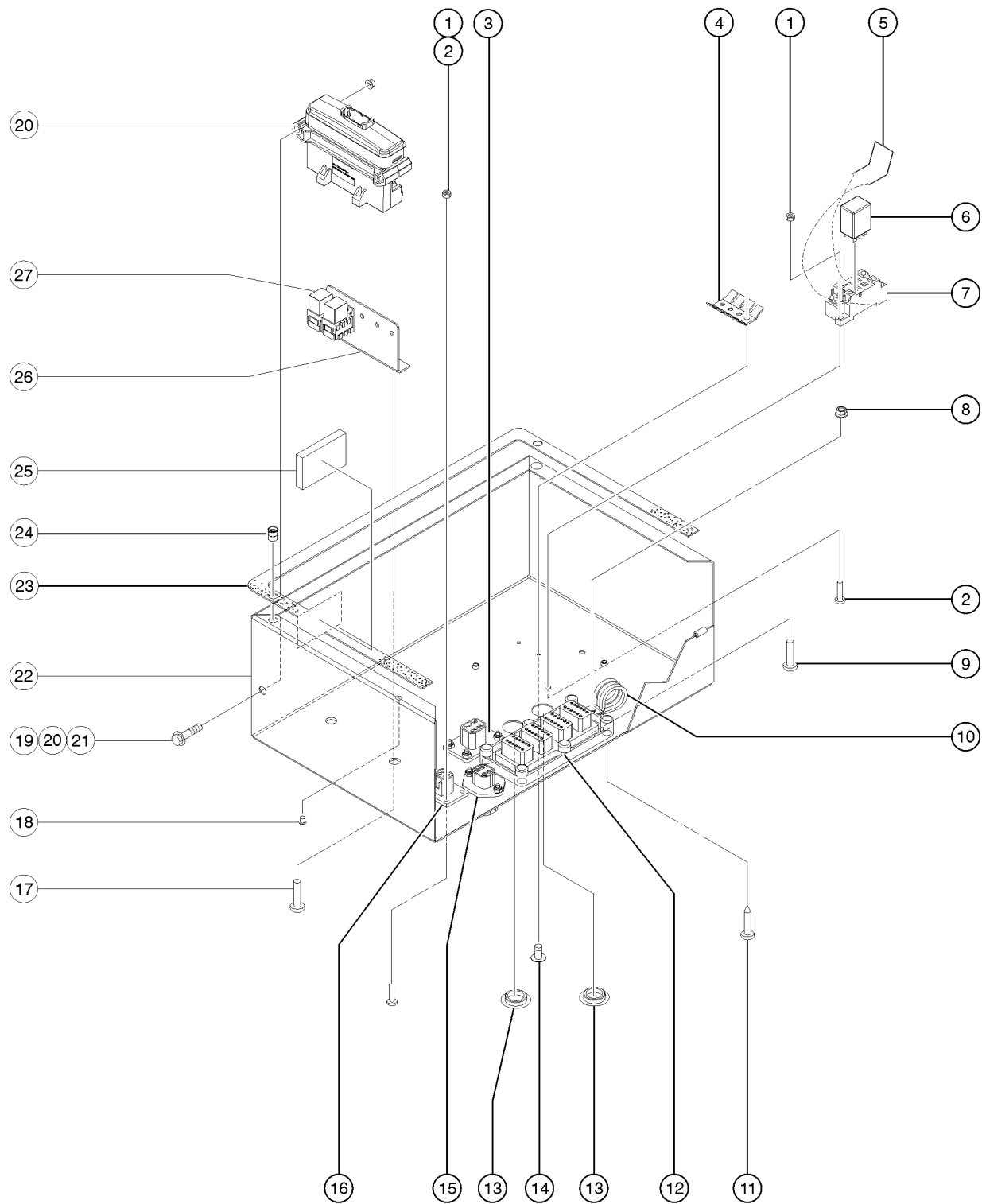


603.1 Platform Controls - Internal View



| Item | Part No. | Description                                                                | Qty. |
|------|----------|----------------------------------------------------------------------------|------|
| A-   | 147253GT | TIME DELAY RELAY,2 SEC,24VDC .....                                         |      |
| B-   | 147389GT | HARNESS, LOAD SENSE, Z30/34DC .....                                        |      |
| 1    | 824019GT | NUT, TL, 6-32, A, ZAG .....                                                |      |
| 2    | 824214GT | SCREW,PHPM,6-32X.50,ZAG .....                                              | 1    |
| 3    | 87755GT  | CONN, RECEP, 8 WAY, DEUTSCH, DT, GRAY/FLANGE .....                         | 1    |
| 4    | 56663GT  | TERMINAL STRIP .....                                                       |      |
| 5    | 42617GT  | CLIP,SPRING,POTTER BRUMFIELD .....                                         | 1    |
| 6    | 823226GT | POWER RELAY, 24V COIL .....                                                | 1    |
|      |          | for drive light option                                                     |      |
| 7    | 61226GT  | RELAY SOCKET,70AMP .....                                                   | 1    |
| 8    | 824032GT | NUT, TL FLG, 10-32, F, ZAG .....                                           | 1    |
| 9    | 824215GT | SCREW, PHPM, 10-32 X .75, ZAG .....                                        | 1    |
| 10   | 13268GT  | CLAMP,0.75,#12 X 1/4,RUB CUSH .....                                        | 1    |
|      |          | to SN 16278                                                                |      |
| 10B  | 18666GT  | CLAMP,1.00,#16 X 1/4,RUB CUSH .....                                        | 1    |
|      |          | from SN 16279                                                              |      |
| 11   | 824226GT | SCREW, PHPSH, #12-11 X .75, ZAG .....                                      |      |
| 12   | 73736GT  | CONN,RECEP 48 WAY,4 X 12 .....                                             | 1    |
|      |          | connects to 18/19 cable harnesses; refer to 306.1                          |      |
| 12B  | 54255GT  | LOCK,RECEP 12 WAY, 14-18GA .....                                           |      |
| 12C  | 73713GT  | TERMINAL, PIN, DT, 14-18 AWG, NICKEL, 0.095-0.150 OD, DEUTSCH, STRIP ..... |      |
| 13   | 15243GT  | PLUG,NYLON .875 BLACK DOMED .....                                          | 2    |
| 14   | 824206GT | RIVET, STL, STL, DOME, 1/8 X .25, ZAG .....                                | 4    |
| 15   | 73717GT  | CONN, RECEP, 4 WAY, DEUTSCH, DTP, FLANGE .....                             | 1    |
|      |          | connects to 12/3 cable harness; refer to 306.1                             |      |
| 15B  | 60526GT  | LOCK,RECEP 4 WAY,12-14GA .....                                             |      |
| 15C  | 73711GT  | TERMINAL, PIN, DTP, 12-14 AWG, NICKEL, , DEUTSCH, LOOSE .....              |      |
| 16   | 73723GT  | CONN RECEPT,FLANGED .....                                                  | 1    |
|      |          | connects to foot switch harness; refer to 601.1                            |      |
| 16B  | 54259GT  | TERM,NI PIN, 14-16GA,BULK .....                                            |      |
| 16C  | 60443GT  | LOCK,RECEP 4 WAY,14-18GA .....                                             |      |
| 17   | 21858GT  | PLUG,NYLON .38 BLACK DOMED .....                                           | 2    |
|      |          | ANSI models                                                                |      |
| 17B  | 824079GT | SCREW,HHF,1/4-20X1.8,ZAG .....                                             |      |
|      |          | CE models; from SN 16279                                                   |      |
| 18   | 42781GT  | PLUG, NYLON .250 BLACK DOMED .....                                         | 4    |

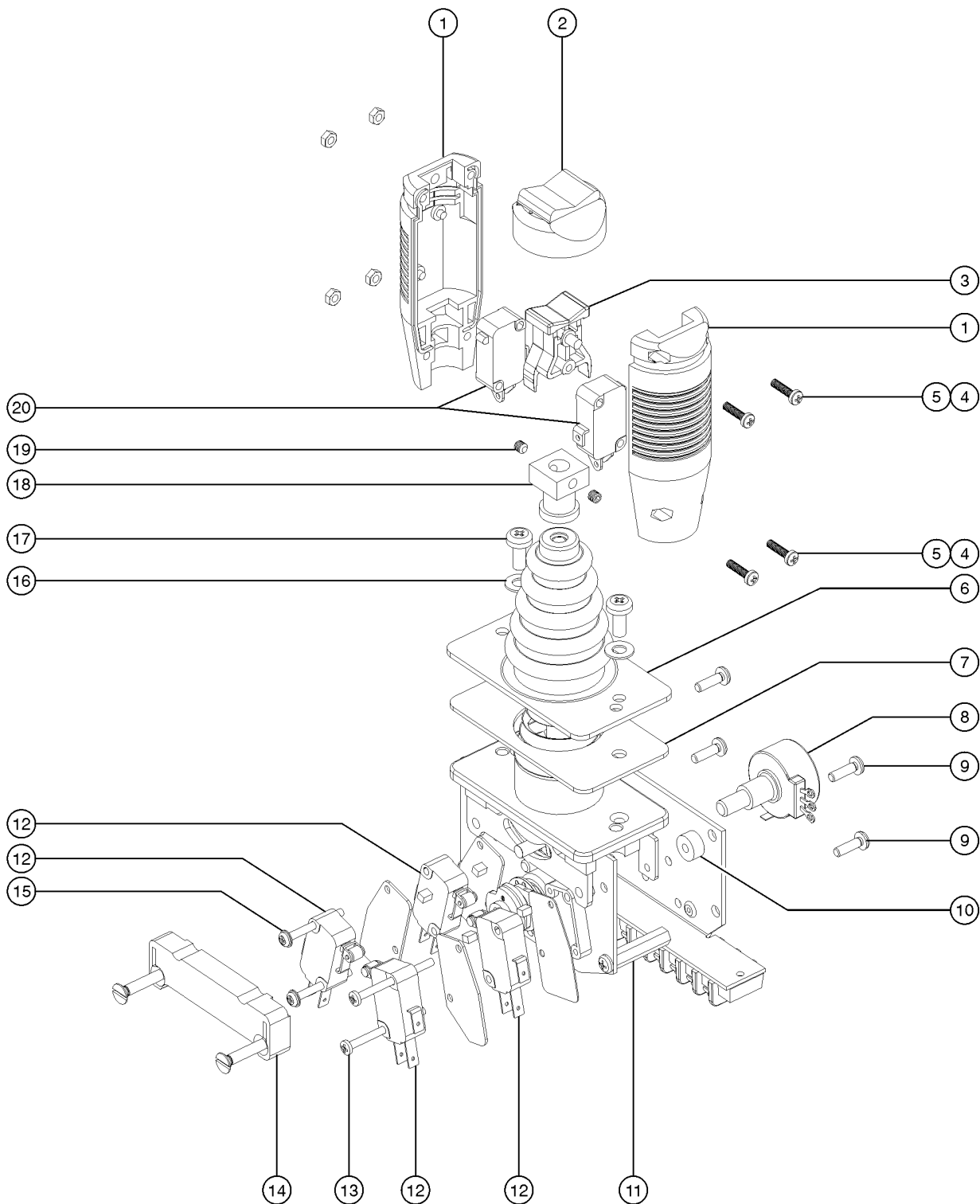
603.1 Platform Controls - Internal View



## 603.1 Platform Controls - Internal View

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------------|-------------|
| 19          | 824083GT        | SCREW, HHF, 1/4-20 X 2.5, 8, ZAG .....                                               | 2           |
| 20          |                 | Ref. MODULE, PLUS+1, OPA2<br>refer to 813.2 Lift Guard Contact Alarm .....           |             |
| 21          | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                                                    | 2           |
| 22          | 110649GT        | PLATFORM CONTROL BOX W/DECAL<br>enclosure/lid only; includes items 1, 2 and 21 ..... | 1           |
| 23          | 23404GT         | NUTSERT,1/4-20,STEEL CAD PLTD .....                                                  |             |
| 24          | 36235GT         | GASKET,PLAT.CONTROL BOX .....                                                        | 1           |
| 25          | 30997GT         | CORROSION INHIBITOR,FOAM .....                                                       | 1           |
| 26          | T106699GT       | BRACKET,RELAY MOUNT W/INSERTS<br>CE models; from SN 16279; includes nutserts .....   | 1           |
| 27          | 56302GT         | RELAY,24VDC,40/30A,SEALED***<br>CE models; from SN 16279 .....                       | 2           |

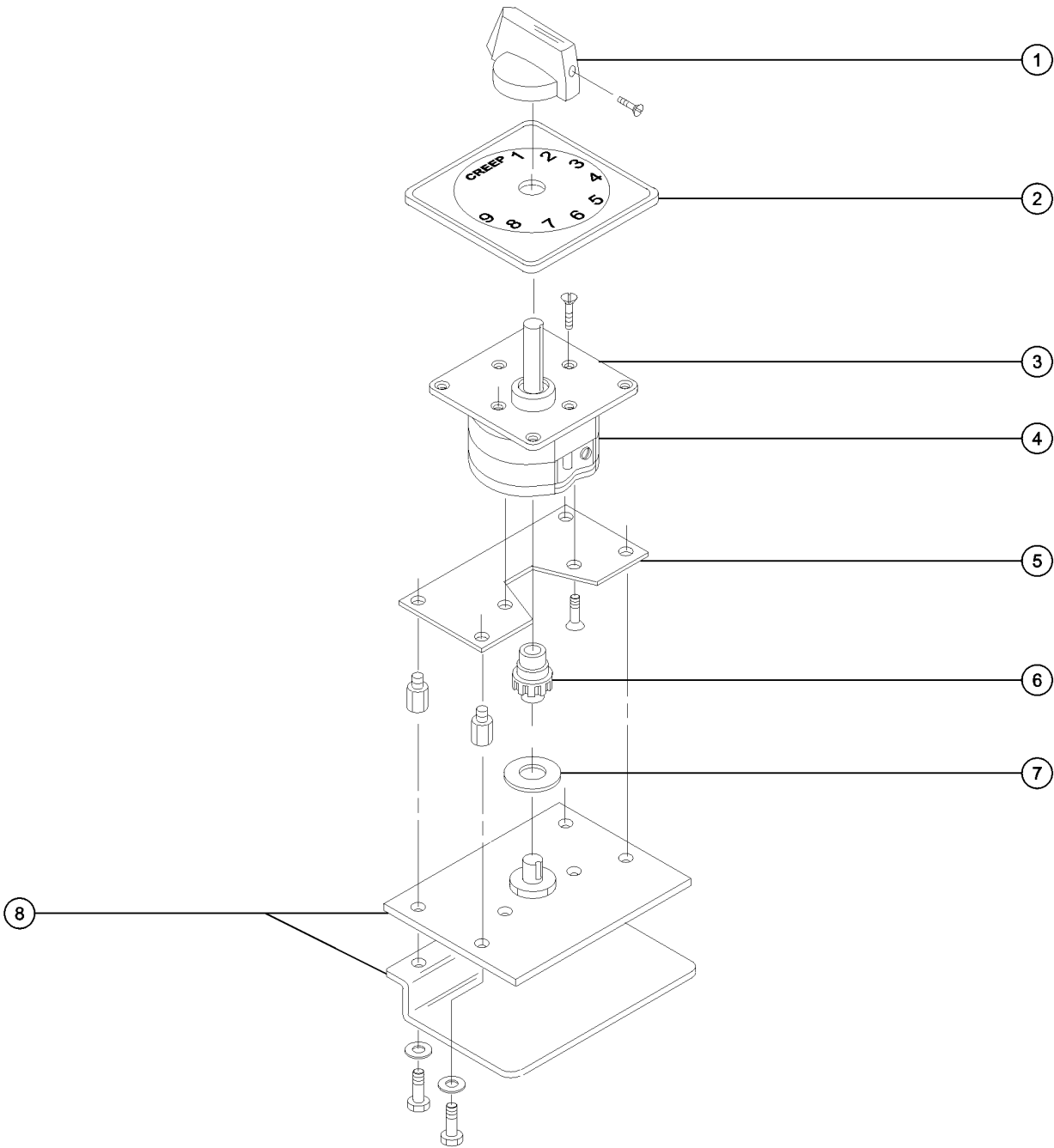
604.1 Joystick Controller



## 604.1 Joystick Controller

| Item | Part No.  | Description                                                                                                         | Qty. |
|------|-----------|---------------------------------------------------------------------------------------------------------------------|------|
|      | 234923GT  | JOYSTICK,5K-0 OHM,W/RELAY .....                                                                                     | 1    |
| 1    | 1323938GT | KIT, JOYSTICK GRIP/HANDLE .....                                                                                     | 2    |
| 2    | 43038GT   | BOOT-THUMB ROCKER** BLACK .....                                                                                     | 1    |
| 3    | 65178GT   | ROCKER ASSY W/ROLLPIN***<br>black plastic .....                                                                     | 1    |
| 4    | 52895GT   | SCREW,PHM,M3 X .5 X 12MM .....                                                                                      | 4    |
| 5    | 52928GT   | NUT-HEX,3M X 0.5MM .....                                                                                            | 4    |
| 6    | 21427GT   | BOOT,CONTROLLER** .....                                                                                             | 1    |
| 7    | 43042GT   | GASKET,JOYSTK.SHAFT36867/42032 .....                                                                                | 1    |
| 8    | 72298GT   | POTENTIOMETER (56773) .....                                                                                         | 1    |
|      |           | replaced by 1338936GT                                                                                               |      |
| 8B   | 1338936GT | KIT, POTENTIOMETER SERVICE REPLACEMENT<br>Kit Includes Potentiometer (72298GT), Star Washer And Retaining Nut. .... | 1    |
| 9    | 65546GT   | SCREW,PHM,M3.5 X 12MM (57890) .....                                                                                 | 6    |
| 10   | 74368GT   | SPACER-POT.PLATE,JOYSTICK56773 .....                                                                                | 2    |
| 11   | 19721GT   | MICROSWITCH SPACER,45049 .....                                                                                      | 1    |
| 12   | 19712GT   | MICROSWITCH,V3L-139-D8 .....                                                                                        | 4    |
| 13   | 52892GT   | SCREW,PHS,4-40 X 1.5 .....                                                                                          | 2    |
| 14   | 19713GT   | SPRING RETURN,HEAVY DUTY,45049 .....                                                                                | 1    |
| 15   |           | ref. SCREW, 4-40 x 1/18" .....                                                                                      | 2    |
| 16   | 74362GT   | WASHER,NYLON, JOYSTICK .....                                                                                        | 2    |
| 17   | 226383GT  | SCREW .....                                                                                                         | 2    |
| 18   | 43040GT   | NUT,JS,36867/42032/44988/40612 .....                                                                                | 1    |
|      |           | coupling                                                                                                            |      |
| 19   | 58985GT   | SCREW,HANDLE42032,40612,36867 .....                                                                                 | 2    |
| 20   | 19722GT   | MICROSWITCH-V319M*** .....                                                                                          | 2    |

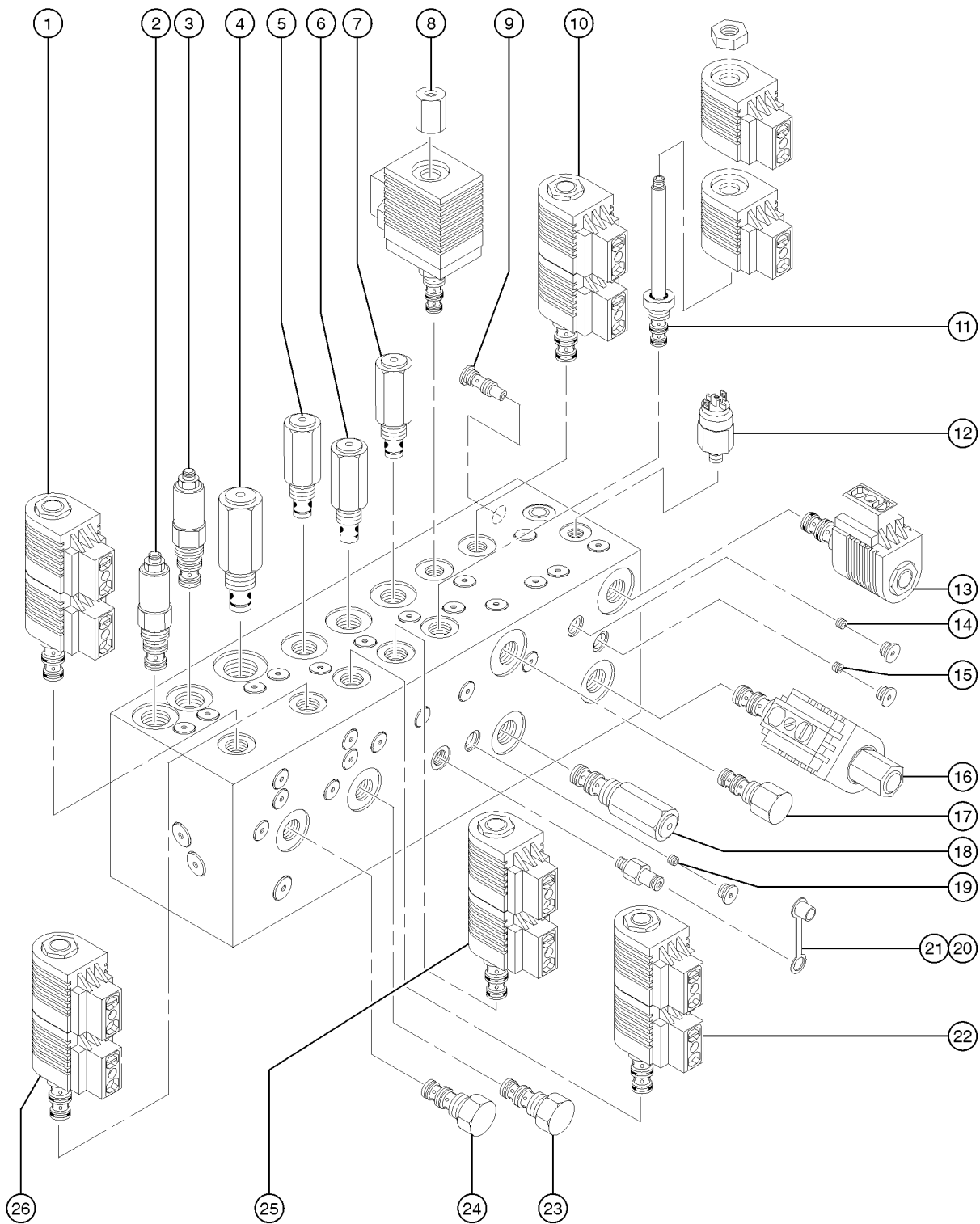
605.1 Rotational Controller



## 605.1 Rotational Controller

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                 | <i>Qty.</i> |
|-------------|-----------------|------------------------------------|-------------|
|             | 56886GT         | CONTROLLER,ROTARY 24V W/RAMP ..... | 1           |
| 1           | 35679GT         | KNOB, 45048 CONTROLLER .....       | 1           |
| 2           | 35680GT         | LEGEND,PLSTC,"CREEP TO 9"*** ..... | 1           |
| 3           | 35678GT         | MOUNTING PLATE, 45048 .....        | 1           |
| 4           | 74356GT         | SWITCH ASSEMBLY (56886) .....      | 1           |
| 5           | 74357GT         | PLATE,ROTARY CNTRL (56886) .....   | 1           |
| 6           | 74358GT         | COUPLING,POT SHAFT (56886) .....   | 1           |
| 7           | 74359GT         | GASKET-ROTARY CNTRL 56886 .....    | 1           |
| 8           | 74384GT         | PRINTED CIRCUIT BOARD 56886 .....  | 1           |

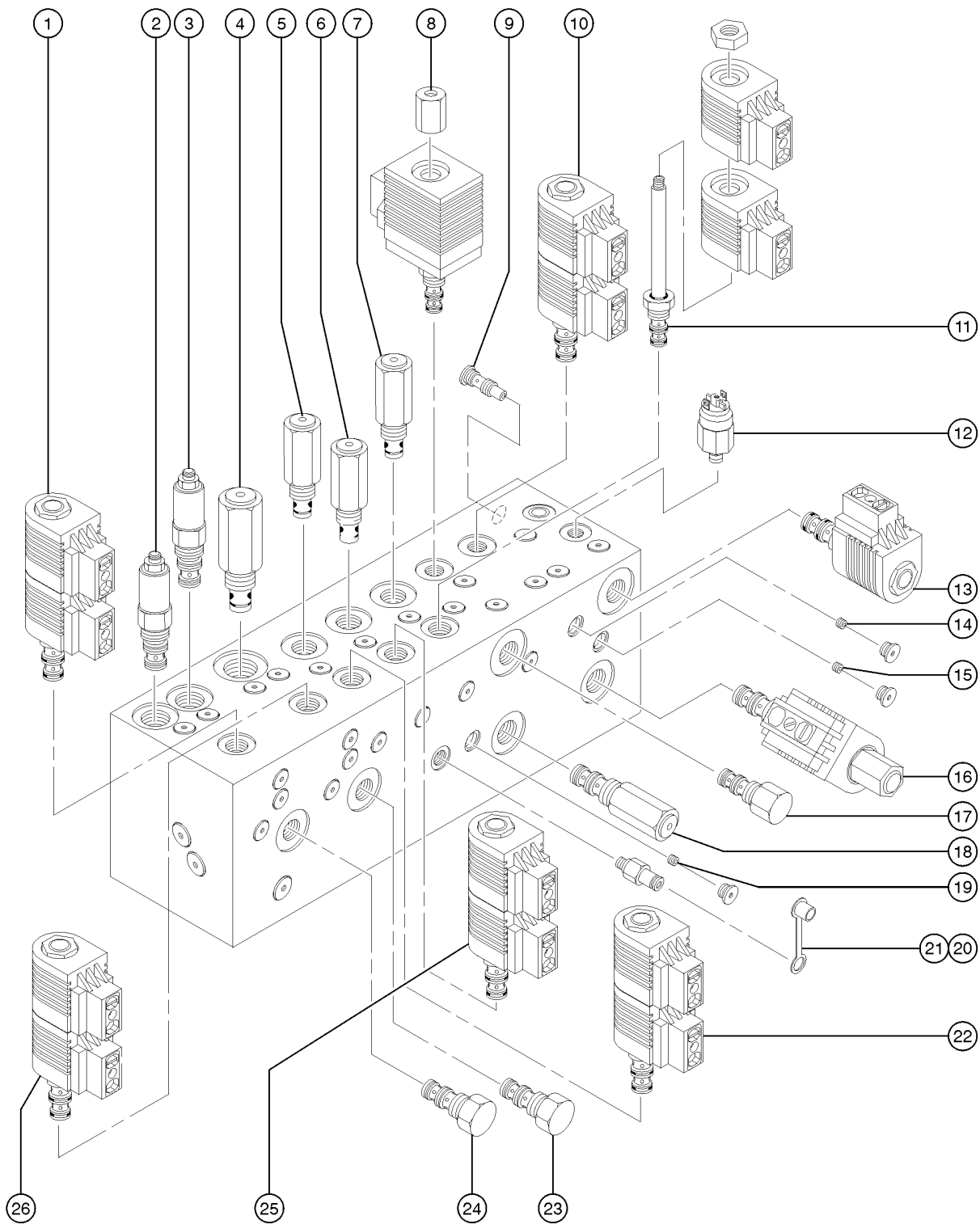
701.1 Function Manifold



## 701.1 Function Manifold

| Item | Part No.  | Description                                                                                | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------|------|
| A-   | 128444GT  | MANIFOLD,FUNC,Z30N/Z34DC/BE<br>complete manifold; models without a rotating jib            | 1    |
| A2   | 1295166GT | MANIFOLD,FUNC,Z30N/Z34DC/BE W/ DT CONN<br>complete manifold; models without a rotating jib |      |
| B-   | 128443GT  | MANIFOLD,FUNC,Z30NRJ<br>complete manifold; models with a rotating jib                      |      |
| B2   | 1295165GT | MANIFOLD,FUNC,Z30NRJ W/ DT CONN<br>complete manifold; models with a rotating jib           |      |
| C-   | 49612GT   | O-RING KIT (ORFS FITTINGS)                                                                 |      |
| D-   | 49613GT   | PLUG AND CAP KIT-SERVICE,ORFS*                                                             |      |
| E-   | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD*                                                             |      |
| F-   | 33994GT   | PLUG AND CAP KIT-SERVICE,37?*                                                              |      |
| G-   | 1260124GT | PLUG, 6 SAE, TAPERED, BUNA                                                                 | 6    |
| H-   | 69550GT   | PLUG,ORB #4                                                                                | 22   |
| I-   | 1260127GT | PLUG, EXPANDER (8MM)                                                                       | 22   |
| 1    | 52599GT   | VALVE,SOLENOID,3POS/4WAY*<br>platform level up/down, to Z30ND-1815                         | 1    |
| 1-   | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE                                                               |      |
| 1-   | 52943GT   | NUT, SOLENOID VALVE COIL                                                                   |      |
| 1-   | 72047GT   | SEAL KIT, SOLENOID VALVE                                                                   |      |
| 1B   | 1296559GT | VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER<br>(platform level up/down, from Z30ND-1816) |      |
| 1B-  | 1309250GT | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL                                |      |
| 1B-  | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH                                                                 |      |
| 1B-  | 102940GT  | NUT,SOLENOID VALVE                                                                         |      |
| 1B-  | 122120GT  | SEAL KIT, SOLENOID VALVE                                                                   |      |
| 2    | 52604GT   | VALVE,COUNTERBALANCE, 3000PSI<br>platform level down                                       | 1    |
| 2-   | 58994GT   | SEAL KIT,VALVE (48647)                                                                     |      |
| 3    | 52604GT   | VALVE,COUNTERBALANCE, 3000PSI<br>platform level up                                         | 1    |
| 3-   | 58994GT   | SEAL KIT,VALVE (48647)                                                                     |      |
| 4    | 52603GT   | VALVE,RELIEF,1100PSI***<br>turntable rotate left/right                                     | 1    |
| 4-   | 110199GT  | SEAL KIT, VALVE, #10                                                                       |      |
| 5    | 52601GT   | VALVE,RELIEF,1600 PSI<br>secondary boom down                                               | 1    |
| 5-   | 74902GT   | SEAL KIT, VALVE                                                                            |      |

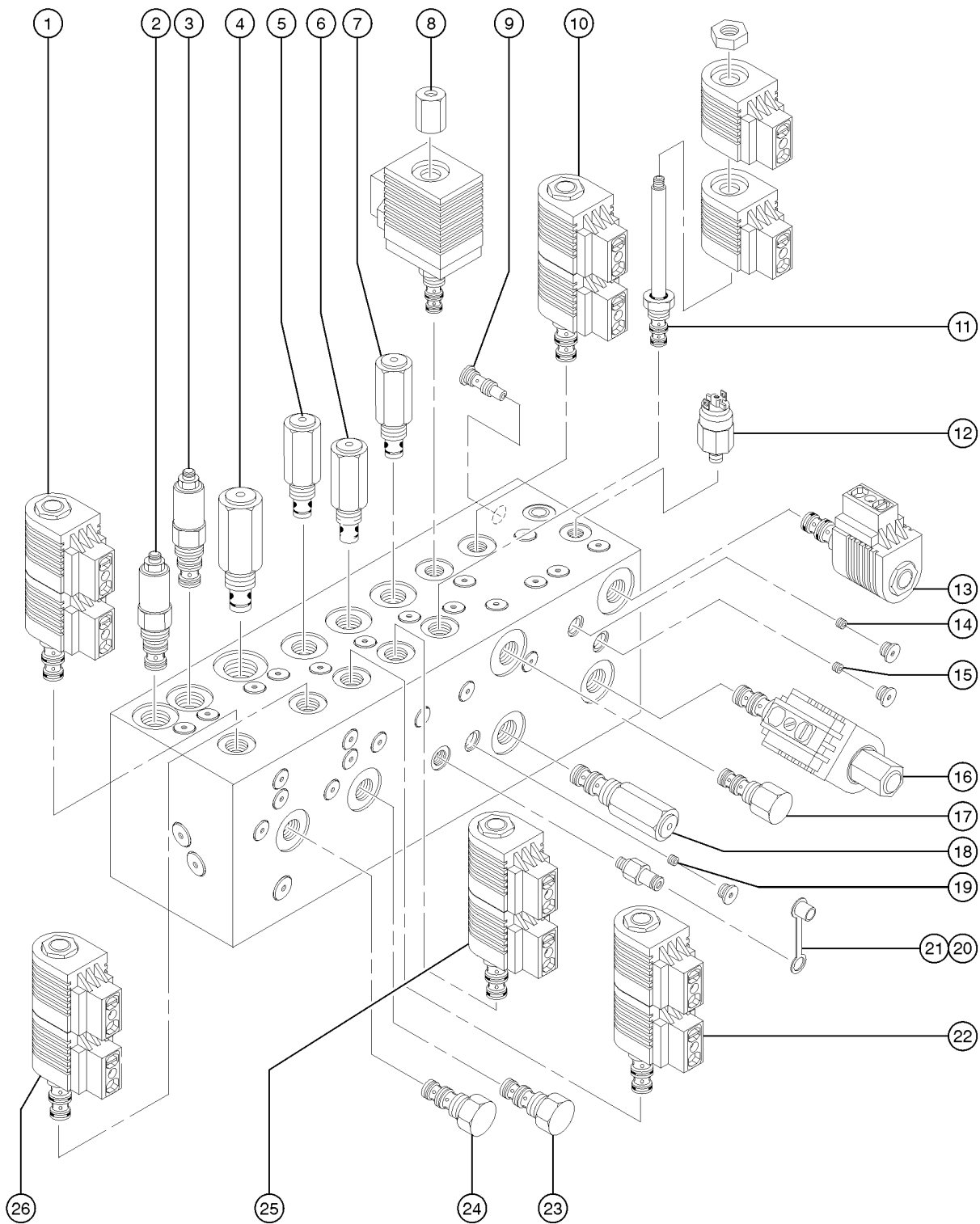
701.1 Function Manifold



## 701.1 Function Manifold

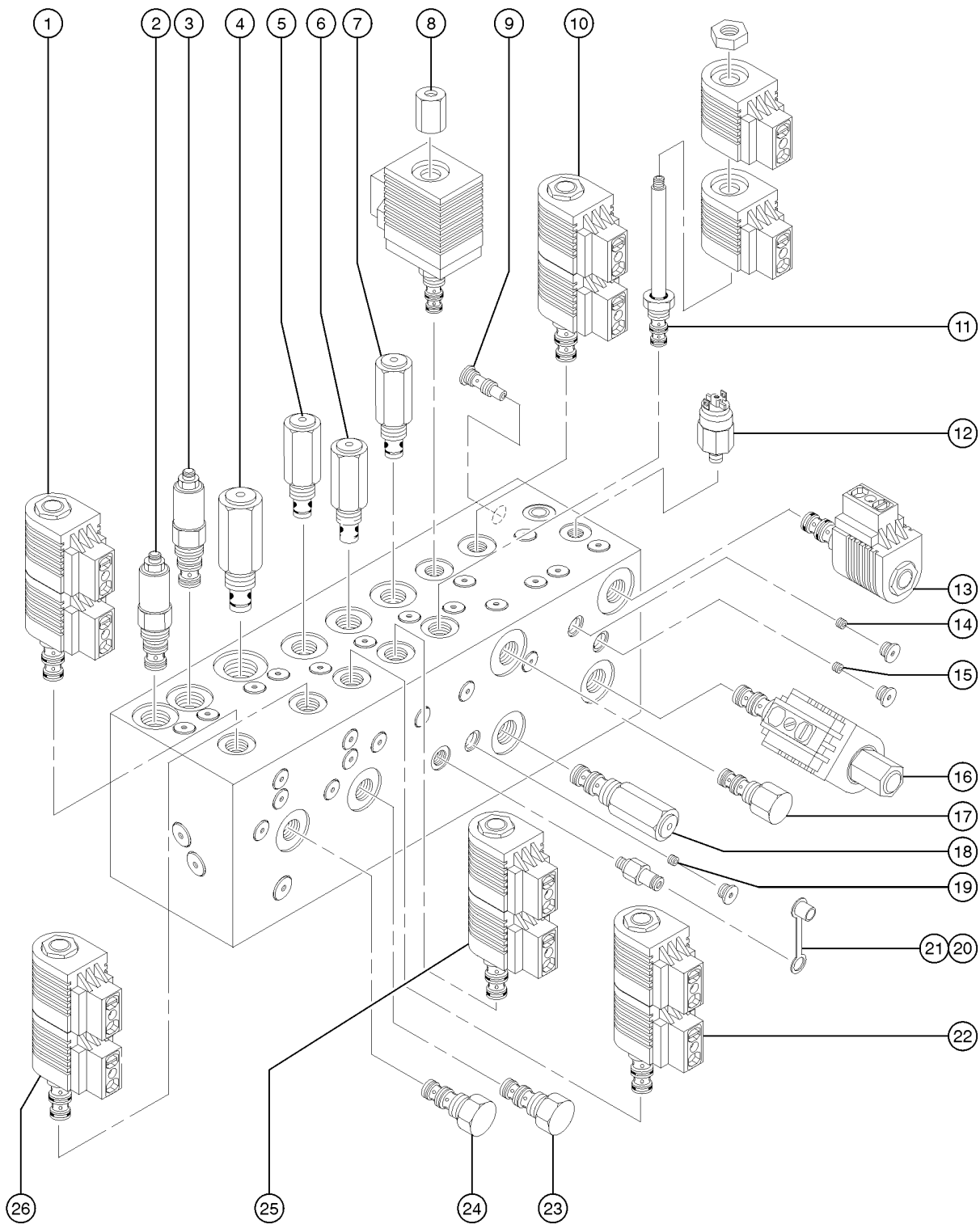
| Item | Part No.  | Description                                                                                         | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------|------|
| 6    | 52601GT   | VALVE,RELIEF,1600 PSI .....<br>primary boom down                                                    | 1    |
| 6-   | 74902GT   | SEAL KIT, VALVE .....                                                                               |      |
| 7    | 31527GT   | VALVE,RELIEF 1800 PSI .....<br>primary boom extend; models with rotating jib                        | 1    |
| 7-   | 74902GT   | SEAL KIT, VALVE .....                                                                               |      |
| 8    | 40410GT   | VALVE,PROPORTIONAL** .....<br>system flow regulating unit, to Z30ND-1815                            | 1    |
| 8-   | 29032GT   | COIL,24V SOLENOID VALVE .....                                                                       |      |
| 8-   | 45921GT   | RETAINER-N.C.PROPOR.SOLENOID .....                                                                  |      |
| 8-   | 89310GT   | SEAL KIT, SOLENOID VALVE .....                                                                      |      |
| 8B   | 1296561GT | VALVE,PROPORTIONAL, 24V .....<br>(system flow regulating unit, from Z30ND-1816)                     |      |
| 8B-  | 1309076GT | COIL,24V SOLENOID VALVE .....                                                                       |      |
| 8B-  | 62276GT   | NUT, SOLENOID VALVE COIL .....                                                                      |      |
| 9    | 43599GT   | VALVE,CHECK .....<br>brake circuit                                                                  | 1    |
| 9-   | 110200GT  | SEAL KIT, VALVE, #4 .....                                                                           |      |
| 10   | 52885GT   | VALVE,SOLENOID,3POS 4WAY .....<br>steer left/right, to Z30D-1815                                    | 1    |
| 10-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                                                                  |      |
| 10-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                                                                      |      |
| 10-  | 72047GT   | SEAL KIT, SOLENOID VALVE .....                                                                      |      |
| 10B  | 1296558GT | VALVE,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER .....<br>turntable rotate left/right, from Z30D-1816 | 1    |
| 10B- | 1309249GT | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER W/O COIL .....                                  |      |
| 10B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                                                                    |      |
| 10B- | 102940GT  | NUT,SOLENOID VALVE .....                                                                            |      |
| 10B- | 122120GT  | SEAL KIT, SOLENOID VALVE .....                                                                      |      |
| 11   | 52599GT   | VALVE,SOLENOID,3POS/4WAY* .....<br>primary boom extend/retract, to Z30D-1815                        | 1    |
| 11-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                                                                  |      |
| 11-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                                                                      |      |
| 11-  | 72047GT   | SEAL KIT, SOLENOID VALVE .....                                                                      |      |
| 11B  | 1296559GT | VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER .....<br>(platform level up/down, from Z30ND-1816)    | 1    |
| 11B- | 1309250GT | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL .....                                   |      |

701.1 Function Manifold



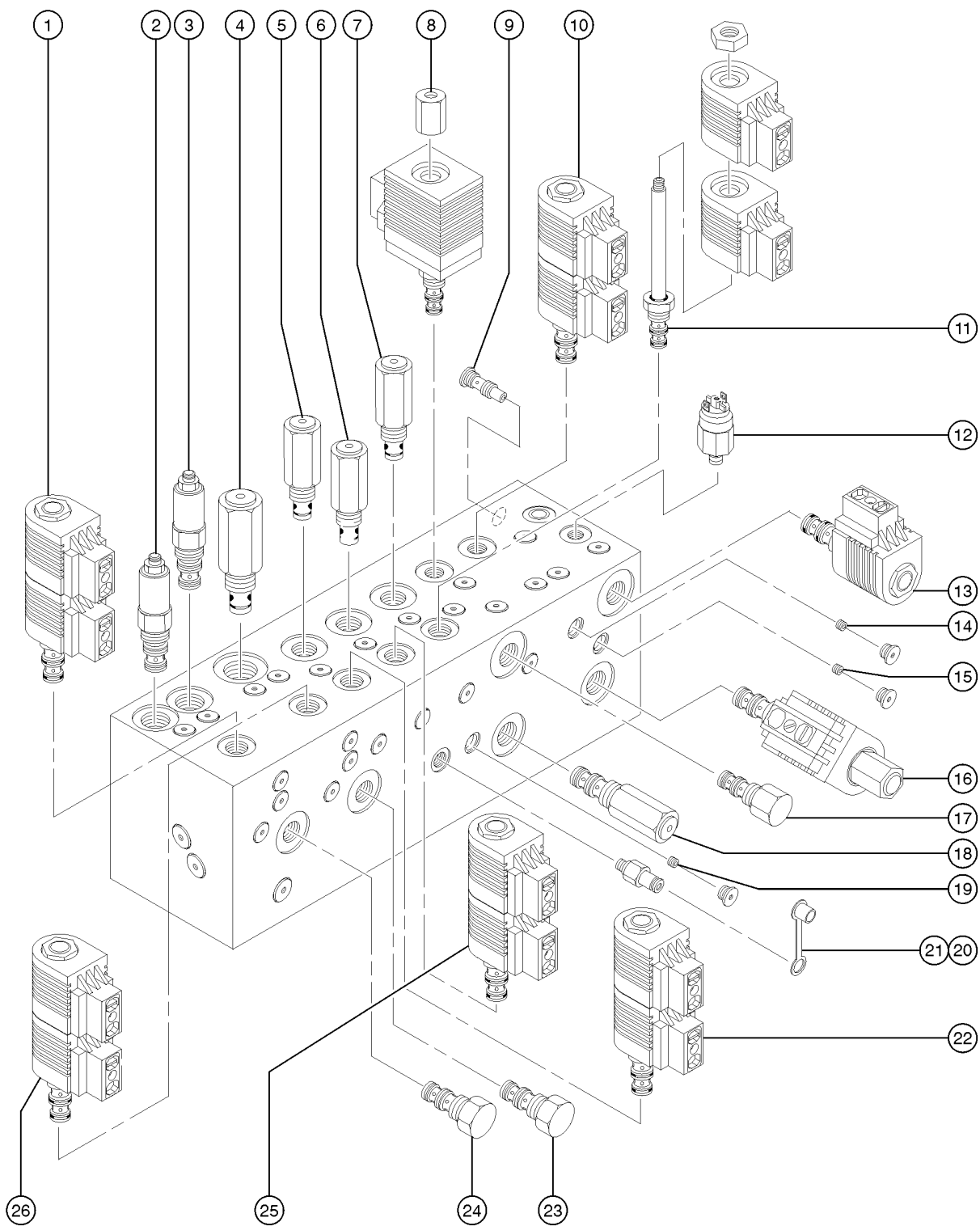
| Item | Part No.  | Description                                                 | Qty. |
|------|-----------|-------------------------------------------------------------|------|
| 11B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                            |      |
| 11B- | 102940GT  | NUT,SOLENOID VALVE .....                                    |      |
| 11B- | 122120GT  | SEAL KIT, SOLENOID VALVE .....                              |      |
| 12   | 1287986GT | SWITCH,PRESS,#6SAE,600 PSI .....                            | 1    |
|      |           | pressure switch; brake circuit                              |      |
| 13   | 45544GT   | VALVE SOLENOID .....                                        | 1    |
|      |           | brake circuit, to Z30D-1815                                 |      |
| 13-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                          |      |
|      |           | single-spade coil                                           |      |
| 13-  | 52339GT   | COIL,SOLND,W/D,20V DUAL SPADE .....                         |      |
|      |           | dual-spade coil                                             |      |
| 13-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                              |      |
| 13-  | 74902GT   | SEAL KIT, VALVE .....                                       |      |
| 13B  | 1296557GT | VALVE,SOLENOID,NC,PILOT-OPERATED,POPPET .....               | 1    |
|      |           | brake circuit, from Z30D-1816                               |      |
| 13B- | 1309248GT | VALVE BODY,SOLENOID,NC,PILOT-OPERATED,POPPET W/O COIL ..... |      |
| 13B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                            |      |
| 13B- | 106079GT  | KIT, COIL & NUT SAUER EDH VALVE .....                       |      |
| 13B- | 1309078GT | SEAL KIT .....                                              |      |
| 14   | 19789GT   | PLUG,ORIFICE-.045 .....                                     | 1    |
|      |           | brake circuit                                               |      |
| 15   | 19789GT   | PLUG,ORIFICE-.045 .....                                     | 1    |
|      |           | brake and steer circuit                                     |      |
| 16   | 44956GT   | VALVE,SOLENOID 20V W/DIODE .....                            | 1    |
|      |           | brake circuit, to Z30D-1815                                 |      |
| 16-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                          |      |
| 16-  | 45912GT   | NUT,SOLENOID VALVE 2P3W .....                               |      |
| 16-  | 74902GT   | SEAL KIT, VALVE .....                                       |      |
| 16B  | 1296556GT | VALVE,SOLENOID,NO,PILOT-OPERATED,POPPET .....               | 1    |
|      |           | brake circuit, from Z30D-1816                               |      |
| 16B- | 1309247GT | VALVE BODY,SOLENOID,NO,PILOT-OPERATED,POPPET W/O COIL ..... |      |
| 16B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                            |      |
| 16B- | 106079GT  | KIT, COIL & NUT SAUER EDH VALVE .....                       |      |
| 16B- | 1309078GT | SEAL KIT .....                                              |      |
| 17   | 74425GT   | VALVE,DIFF.SENSE*** .....                                   | 1    |
|      |           | differential sensing circuit                                |      |
| 17-  | 110197GT  | SEAL KIT, VALVE, #10 .....                                  |      |
| 18   | 52715GT   | VALVE,RELIEF 3200 PSI .....                                 | 1    |
|      |           | system relief                                               |      |

701.1 Function Manifold



| Item | Part No.  | Description                                                       | Qty. |
|------|-----------|-------------------------------------------------------------------|------|
| 18-  | 74902GT   | SEAL KIT, VALVE .....                                             |      |
| 19   | 94019GT   | ORIFICE, 0.035" (74512,74966) .....                               |      |
|      |           | tank return circuit                                               |      |
| 20   | 48880GT   | CAP,DIAGNOSTIC NIPPLE .....                                       | 1    |
| 21   | 48997GT   | NIPPLE,DIAGNOSTIC,#4 .....                                        | 1    |
|      |           | testing                                                           |      |
| 21B  | 20224GT   | DIAGNOSTIC FEMALE Q-DSCNT .....                                   |      |
| 22   | 52599GT   | VALVE,SOLENOID,3POS/4WAY* .....                                   | 1    |
|      |           | secondary boom up/down, to Z30D-1815                              |      |
| 22-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                                |      |
|      |           | single spade                                                      |      |
| 22-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                                    |      |
| 22-  | 72047GT   | SEAL KIT, SOLENOID VALVE .....                                    |      |
| 22B  | 1296559GT | VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER .....               | 1    |
|      |           | (platform level up/down, from Z30ND-1816)                         |      |
| 22B- | 1309250GT | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL ..... |      |
| 22B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                                  |      |
| 22B- | 102940GT  | NUT,SOLENOID VALVE .....                                          |      |
| 22B- | 122120GT  | SEAL KIT, SOLENOID VALVE .....                                    |      |
| 23   | 19470GT   | VALVE,FLOW REGULATOR .....                                        | 1    |
|      |           | turntable rotate circuit, to Z30D-1815                            |      |
| 23B  | 1296560GT | VALVE,FIXED PRESSURE, FLOW CONTROL, 1.8 GPM .....                 | 1    |
|      |           | turntable rotate circuit, from Z30D-1816                          |      |
| 23B- | 74902GT   | SEAL KIT, VALVE .....                                             |      |
| 24   | 52598GT   | VALVE,FLOW REGULATOR .8 GPM .....                                 | 1    |
|      |           | jib boom/platform rotate circuit                                  |      |
| 25   | 52599GT   | VALVE,SOLENOID,3POS/4WAY* .....                                   | 1    |
|      |           | primary boom up/down, to Z30D-1815                                |      |
| 25-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                                |      |
|      |           | single spade                                                      |      |
| 25-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                                    |      |
| 25-  | 72047GT   | SEAL KIT, SOLENOID VALVE .....                                    |      |
| 25B  | 1296559GT | VALVE,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER .....               | 1    |
|      |           | (platform level up/down, from Z30ND-1816)                         |      |
| 25B- | 1309250GT | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, FLOAT CENTER W/O COIL ..... |      |
| 25B- | 1309077GT | COIL,SOLND,W/D,20V,DEUTSCH .....                                  |      |
| 25B- | 102940GT  | NUT,SOLENOID VALVE .....                                          |      |
| 25B- | 122120GT  | SEAL KIT, SOLENOID VALVE .....                                    |      |
| 26   | 52885GT   | VALVE,SOLENOID,3POS 4WAY .....                                    | 1    |
|      |           | turntable rotate left/right, to Z30D-1815                         |      |

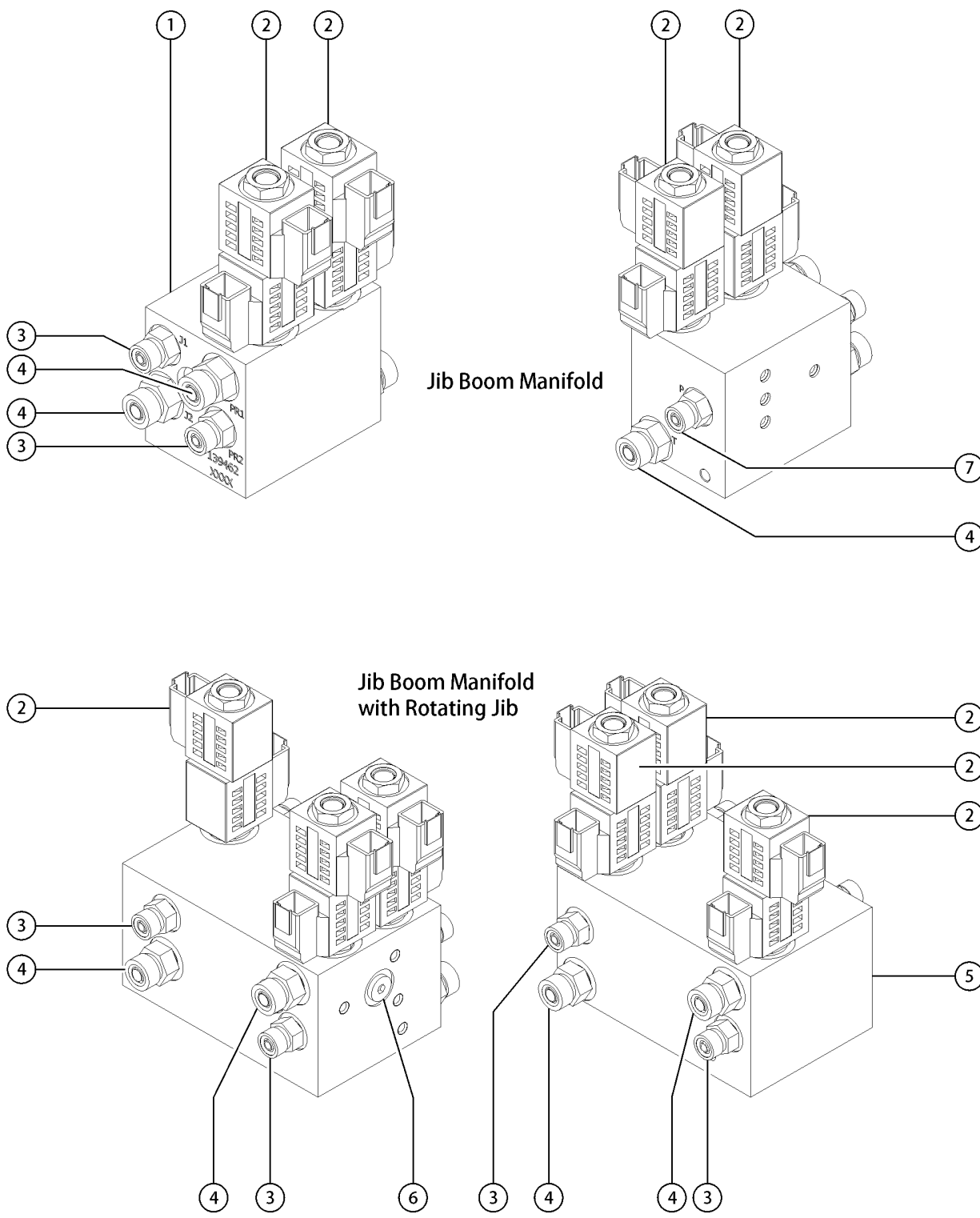
701.1 Function Manifold



## 701.1 Function Manifold

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                 | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------|-------------|
| 26-         | 40413GT         | COIL,SOLND,W/D,20V SGL SPADE .....                                 |             |
| 26-         | 52943GT         | NUT, SOLENOID VALVE COIL .....                                     |             |
| 26-         | 72047GT         | SEAL KIT, SOLENOID VALVE .....                                     |             |
| 26B         | 1296558GT       | VALVE,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER .....               | 1           |
|             |                 | turntable rotate left/right, from Z30D-1816                        |             |
| 26B-        | 1309249GT       | VALVE BODY,SPOOL, SOLENOID,3POS-4WAY, CLOSED CENTER W/O COIL ..... |             |
| 26B-        | 1309077GT       | COIL,SOLND,W/D,20V,DEUTSCH .....                                   |             |
| 26B-        | 102940GT        | NUT,SOLENOID VALVE .....                                           |             |
| 26B-        | 122120GT        | SEAL KIT, SOLENOID VALVE .....                                     |             |

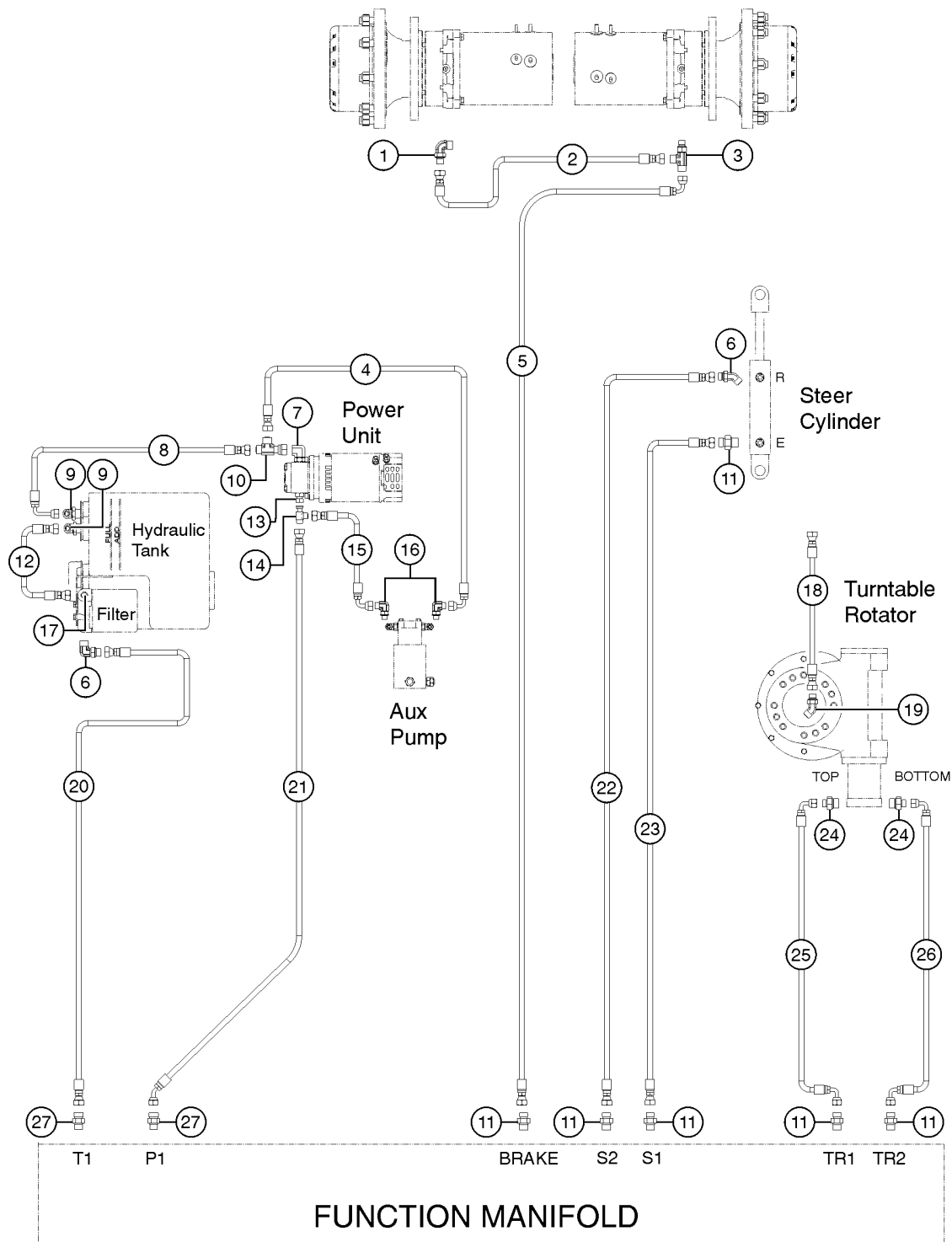
702.1 Jib Boom Manifolds



## 702.1 Jib Boom Manifolds

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                         | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------------|-------------|
| 1           | 139462GT        | MANIFOLD,JIB, 24V NON RJ***<br>non-rotating jib; includes items 2, 3 and 4 | 1           |
| 1-          | 139563GT        | VALVE, FLOW CTRL, PRES COMP***                                             |             |
| 1-          | 139564GT        | SEAL KIT, JIB MANIFOLD, NON RJ                                             |             |
| 2           | 139560GT        | SOLENOID VALVE W/NUT***<br>includes 52943 nut; order coil separately       |             |
| 2-          | 139561GT        | COIL, SOLENOID VALVE, 24V***                                               |             |
| 2-          | 52943GT         | NUT, SOLENOID VALVE COIL                                                   |             |
| 3           | 48905GT         | CONNECTOR, 520120-4                                                        |             |
| 4           | 48916GT         | CONN, 520120-6                                                             |             |
| 5           | 139463GT        | MANIFOLD,JIB, 24V RJ***<br>rotating jib; includes items 2, 3 and 4         | 1           |
| 5-          | 139563GT        | VALVE, FLOW CTRL, PRES COMP***                                             |             |
| 5-          | 139565GT        | SEAL KIT, JIB MANIFOLD, RJ***                                              |             |
| 6           | 69550GT         | PLUG,ORB #4                                                                | 1           |
| 7           | 48905GT         | CONNECTOR, 520120-4                                                        | 1           |
| 7B          | 1293788GT       | No.4 STR ORFS W/125 MICRON SCREEN                                          | 1           |

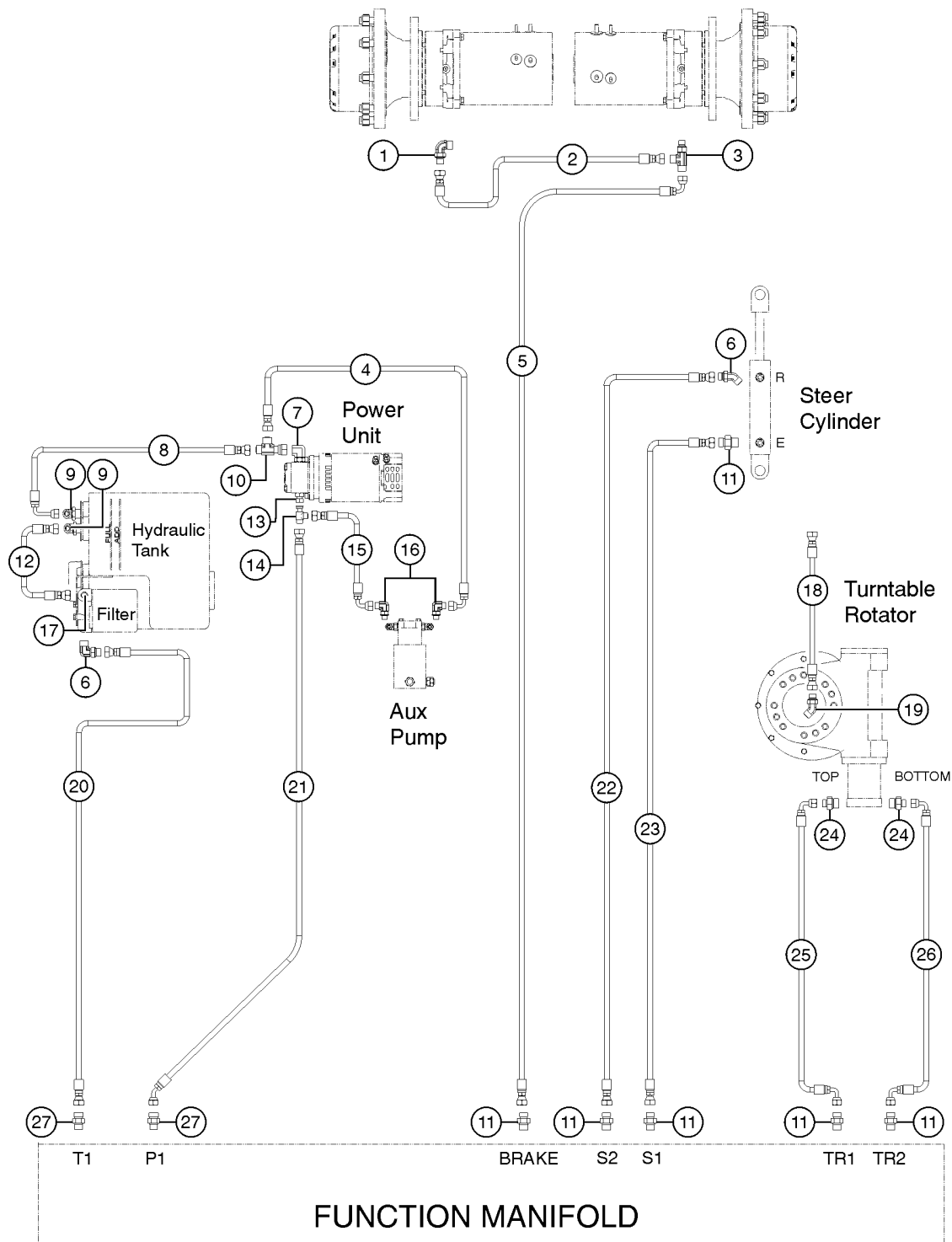
801.1 Drive Chassis and Turntable Components



## 801.1 Drive Chassis and Turntable Components

| Item | Part No.       | Description                                                                                 | Qty. |
|------|----------------|---------------------------------------------------------------------------------------------|------|
| 1    | 48904GT        | ELBOW, 90D, 520220-4 .....                                                                  | 1    |
| 2    | 49119-2000GT   | ASSY, HOSE, HYD, -4, 3250, STR, STR<br>#4 ORFS .....                                        | 1    |
| 3    | 48906GT        | TEE,RUN,520428-4 .....                                                                      | 1    |
| 4    | 1290345-2025GT | HOSE ASSY, 3/8", 20.25"<br>(to SN Z30ND-1749), #6 ORFS and #8 ORFS elbow .....              | 1    |
| 4B   | 1290345-1525GT | ASSY, HOSE, HYD, -6, 5000, STR, 90<br>(from SN Z30ND-1750), #6 ORFS and #8 ORFS elbow ..... | 1    |
| 5    | 49117-7750GT   | HOSE ASSY, 1/4", 77.50<br>yellow/white; #4 ORFS .....                                       | 1    |
| 6    | 48937GT        | ELBOW, 45D, 520320-8 .....                                                                  | 1    |
| 7    | 139877GT       | ELBOW, 90D, 520220-8-10 .....                                                               | 1    |
| 8    | 1290352-2150GT | HOSE ASSY, 1/2", 21.50"<br>#8 ORFS .....                                                    | 1    |
| 9    | 128811GT       | ELBOW, 90D, 520201-8 .....                                                                  | 2    |
| 10   | 48938GT        | FITTING, TEE, RUN, SWIVEL 520432-8 .....                                                    | 1    |
| 11   | 48912GT        | CONN, 520120-4-6*** .....                                                                   | 13   |
| 12   | 81812-1188GT   | ASSY, HOSE, HYD, -8, 2500, STR, STR .....                                                   | 1    |
| 13   | 74136GT        | VALVE, CHK, #8PORT-#6MALEORFS*** .....                                                      | 1    |
| 14   | 48875GT        | TEE, RUN, SWIVEL, 520432-6 .....                                                            | 1    |
| 15   | 1290346-2050GT | HOSE ASSY, 3/8", 20.50<br>(to SN Z30ND-1549), #6 ORFS .....                                 | 1    |
| 15B  | 1290346-1550GT | ASSY, HOSE, HYD, -6, 5000, STR, 91<br>(from SN Z30ND-1550), #6 ORFS .....                   | 1    |
| 16   | 48915GT        | ELBOW, 90D, 520220-6 .....                                                                  | 2    |
| 17   | 48932GT        | FITTING, ELBOW, 90D, 520220-8*** .....                                                      | 1    |
| 18   | 49189-2325GT   | HOSE ASSY, 1/4", 23.25 .....                                                                | 1    |
| 19   | 31194GT        | ELBOW, 070302-4-2 .....                                                                     | 1    |
| 20   | 81812-6650GT   | ASSY, HOSE, HYD, -8, 4250, STR, STR<br>#8 ORFS .....                                        | 1    |
| 21   | 1290347-4400GT | HOSE ASSY, 3/8", 44.00<br>green/red; #6 ORFS .....                                          | 1    |
| 22   | 49117-6550GT   | HOSE ASSY, 1/4", 65.50<br>white; #4 ORFS .....                                              | 1    |
| 23   | 49119-6500GT   | HOSE ASSY, 1/4", 65.00 .....                                                                | 1    |
| 24   | 48931GT        | CONN, 520120-6-10 .....                                                                     | 2    |
| 25   | 1291264-1500GT | HOSE ASSY, 1/4", 15.00<br>white/red; #6 ORFS elbow and #4 ORFS elbow .....                  | 1    |
| 26   | 1291264-1700GT | HOSE ASSY, 1/4", 17.00<br>purple; #6 ORFS elbow and #4 ORFS elbow .....                     | 1    |

801.1 Drive Chassis and Turntable Components

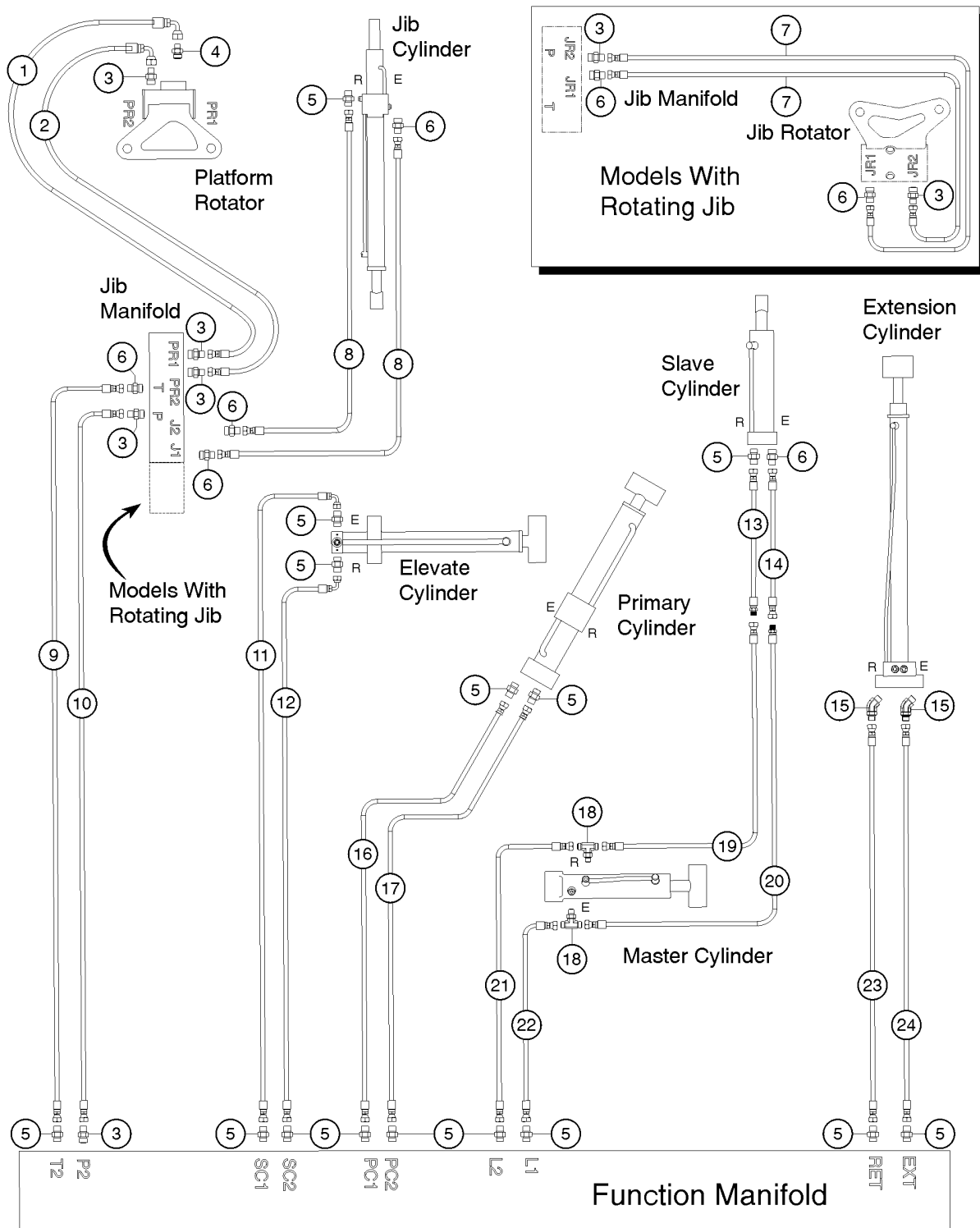


801.1 Drive Chassis and Turntable Components

| Item | Part No. | Description          | Qty. |
|------|----------|----------------------|------|
| 27   | 48916GT  | CONN, 520120-6 ..... | 2    |



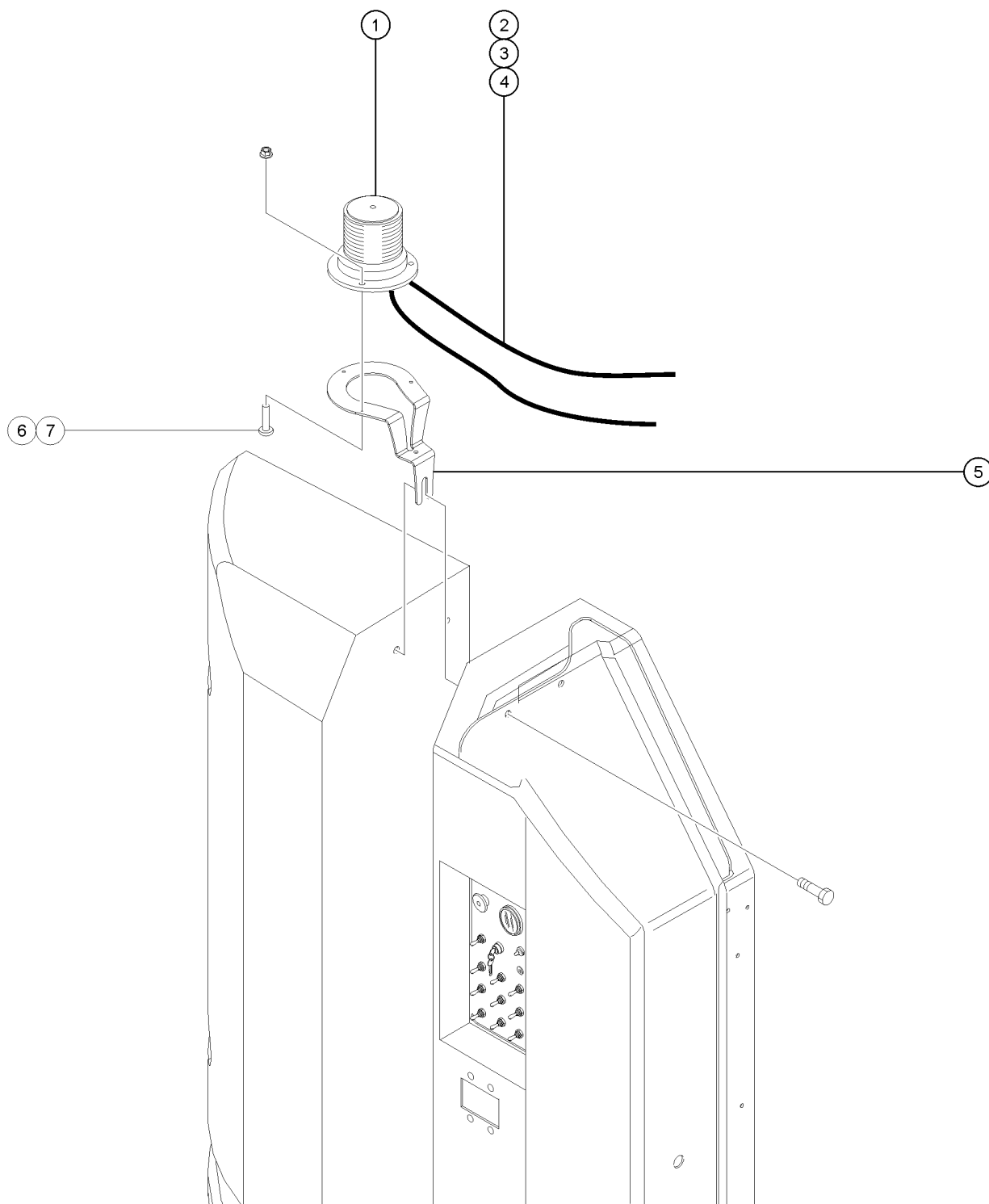
## 802.1 Boom Components



## 802.1 Boom Components

| Item | Part No.      | Description                                                                        | Qty. |
|------|---------------|------------------------------------------------------------------------------------|------|
| -    | 107935G       | KIT, SWING HOSE CLAMP, FIELD .....<br>refer to 402.1 or 505.1                      |      |
| 1    | 49114-4650GT  | HOSE ASSY, 1/4", 46.50 .....<br>not included 48773-1200; #6 ORFS elbow and #6 ORFS | 1    |
| 1B   | 48773GT       | SLEEVE,NYLON,.86 ID .....                                                          | 12   |
| 2    | 49117-4650GT  | HOSE ASSY,1/4".46.50 .....<br>not included 48773-1200                              | 1    |
| 2B   | 48773GT       | SLEEVE,NYLON,.86 ID .....                                                          | 12   |
| 3    | 48905GT       | CONNECTOR, 520120-4 .....                                                          |      |
| 4    | 48927GT       | CONN,520120-6-4 .....                                                              |      |
| 5    | 48912GT       | CONN,520120-4-6*** .....                                                           |      |
| 6    | 48916GT       | CONN, 520120-6 .....                                                               |      |
| 7    | 49120-3100GT  | HOSE ASSY, 1/4", 31.00 .....<br>#4 ORFS and #6 ORFS                                | 1    |
| 8    | 49120-1900GT  | HOSE ASSY, 1/4", 19.00 .....<br>#4 ORFS and #6 ORFS                                | 2    |
| 9    | 49120-43000GT | HOSE ASSY,1/4",430.00 .....<br>red/purple; #4 ORFS and #6 ORFS                     | 1    |
| 10   | 49119-43000GT | HOSE ASSY,1/4",430.00 .....<br>blue/green; #4 ORFS                                 | 1    |
| 11   | 49117-6550GT  | HOSE ASSY,1/4",65.50 .....                                                         | 1    |
| 12   | 49117-6550GT  | HOSE ASSY,1/4",65.50 .....<br>blue; #4 ORFS                                        | 1    |
| 13   | 49121-3150GT  | HOSE ASSY, 1/4", 31.50 .....<br>blue/green; #4 ORFS                                | 1    |
| 14   | 49120-3100GT  | HOSE ASSY, 1/4", 31.00 .....<br>#4 ORFS and #6 ORFS                                | 1    |
| 15   | 48905GT       | CONNECTOR, 520120-4 .....                                                          | 2    |
| 16   | 49119-18100GT | ASSY, HOSE, HYD, -4, 3250, STR, STR .....<br>yellow/green; #4 ORFS                 | 1    |
| 17   | 49119-18100GT | ASSY, HOSE, HYD, -4, 3250, STR, STR .....<br>blue/red; #4 ORFS                     | 1    |
| 18   | 48890GT       | FITTING,TEE,BRANCH,520429-4*** .....                                               | 2    |
| 19   | 49119-22400GT | HOSE ASSY,1/4",224.00 .....<br>green; #4 ORFS                                      | 1    |
| 20   | 49121-22400GT | HOSE ASSY,1/4",224.00 .....<br>#4 ORFS                                             | 1    |
| 21   | 49119-16600GT | ASSY, HOSE, HYD, -4, 3250, STR, STR .....<br>green; #4 ORFS                        | 1    |
| 22   | 49119-16600GT | ASSY, HOSE, HYD, -4, 3250, STR, STR .....<br>yellow; #4 ORFS                       | 1    |
| 23   | 49119-19200GT | HOSE ASSY,1/4,STR FEM,STR FEM .....<br>green/white; #4 ORFS                        | 1    |
| 24   | 49119-19200GT | HOSE ASSY,1/4,STR FEM,STR FEM .....<br>yellow/purple; #4 ORFS                      | 1    |

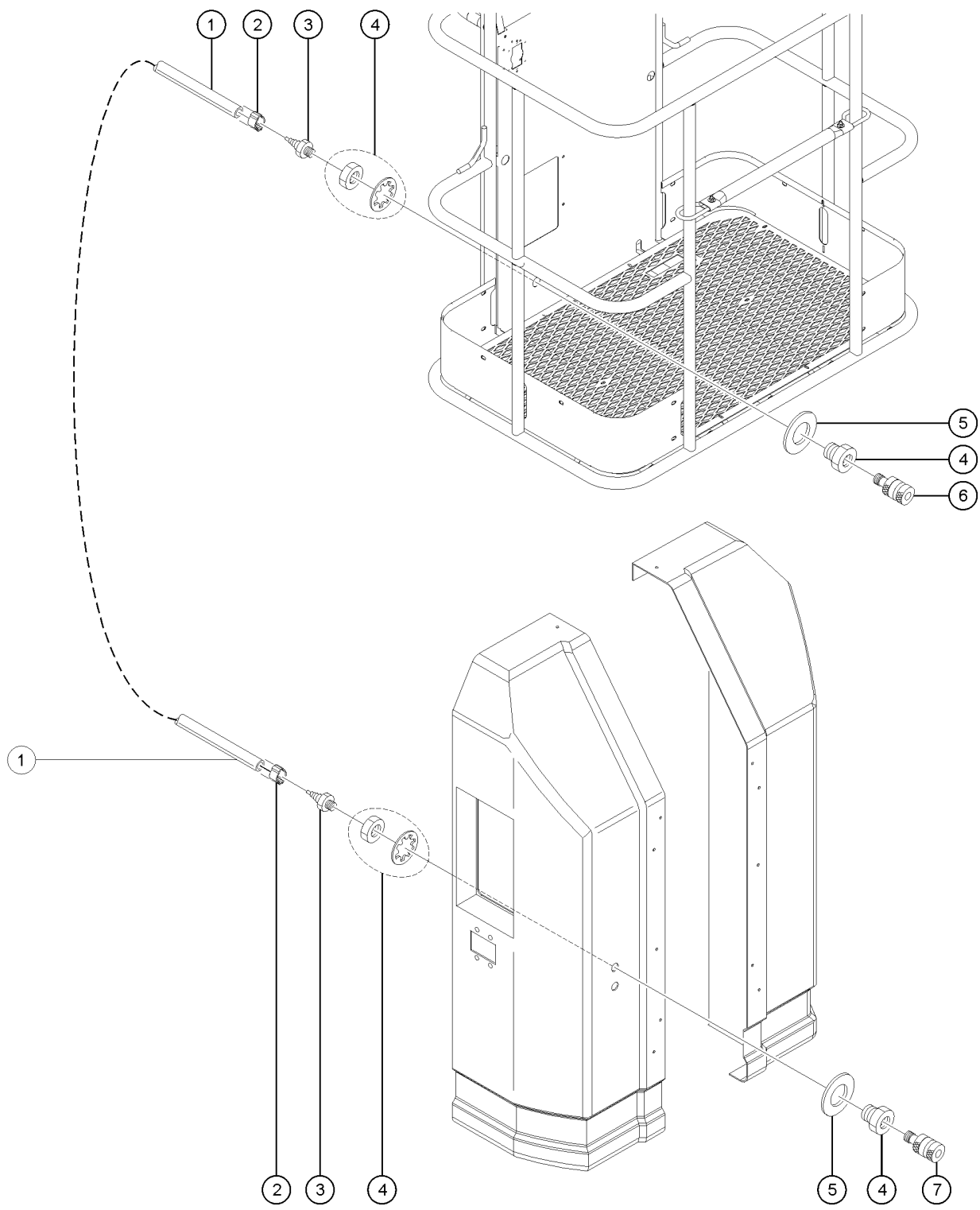
901.1 Flashing Beacon



## 901.1 Flashing Beacon

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 1307061GT       | STROBE,FIREBOLT,10-100VDC,AMB** ..... | 1           |
| 2           | 56051GT         | WIRE CABLE,16/2,WHT/BLK,SJEOW .....   | 62          |
| 3           | 13825GT         | TERMINAL,COUPLER,MALE,14-16GA .....   | 4           |
| 4           | 40609GT         | TERMINAL,FEMALE COUPLER,BLUE .....    | 2           |
| 5           | 56289-SGT       | BRACKET,BEACON LIGHT .....            | 1           |
|             |                 | US part number                        |             |
| 5B          | 1281332GT       | BRACKET,BEACON LIGHT, METRIC .....    | 1           |
|             |                 | China part number                     |             |
| 6           | 824215GT        | SCREW, PHPM, 10-32 X .75, ZAG .....   | 3           |
|             |                 | to SN Z30F-18972                      |             |
| 6B          | 826516GT        | SCREW, PHPM, 10-32 X 1.0, ZAG .....   | 3           |
|             |                 | from SN Z30F-18973                    |             |
| 7           | 824032GT        | NUT, TL FLG, 10-32, F, ZAG .....      | 3           |
|             |                 | to SN Z30F-18972                      |             |
| 7B          | 1264261GT       | NUT,SERRATED,10-32,ZAG .....          | 3           |
|             |                 | from SN Z30F-18973                    |             |

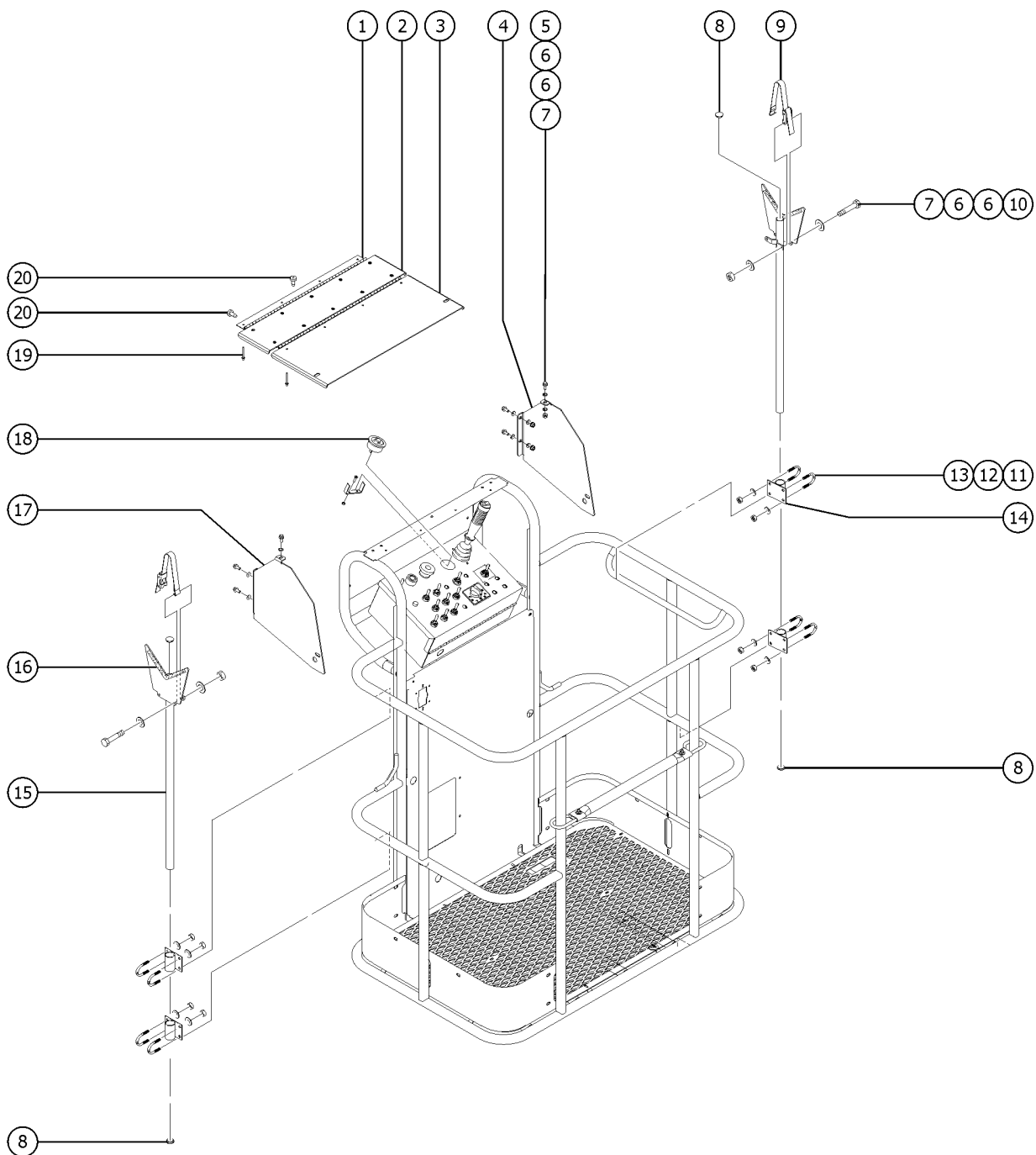
902.1 Air Line to Platform



## 902.1 Air Line to Platform

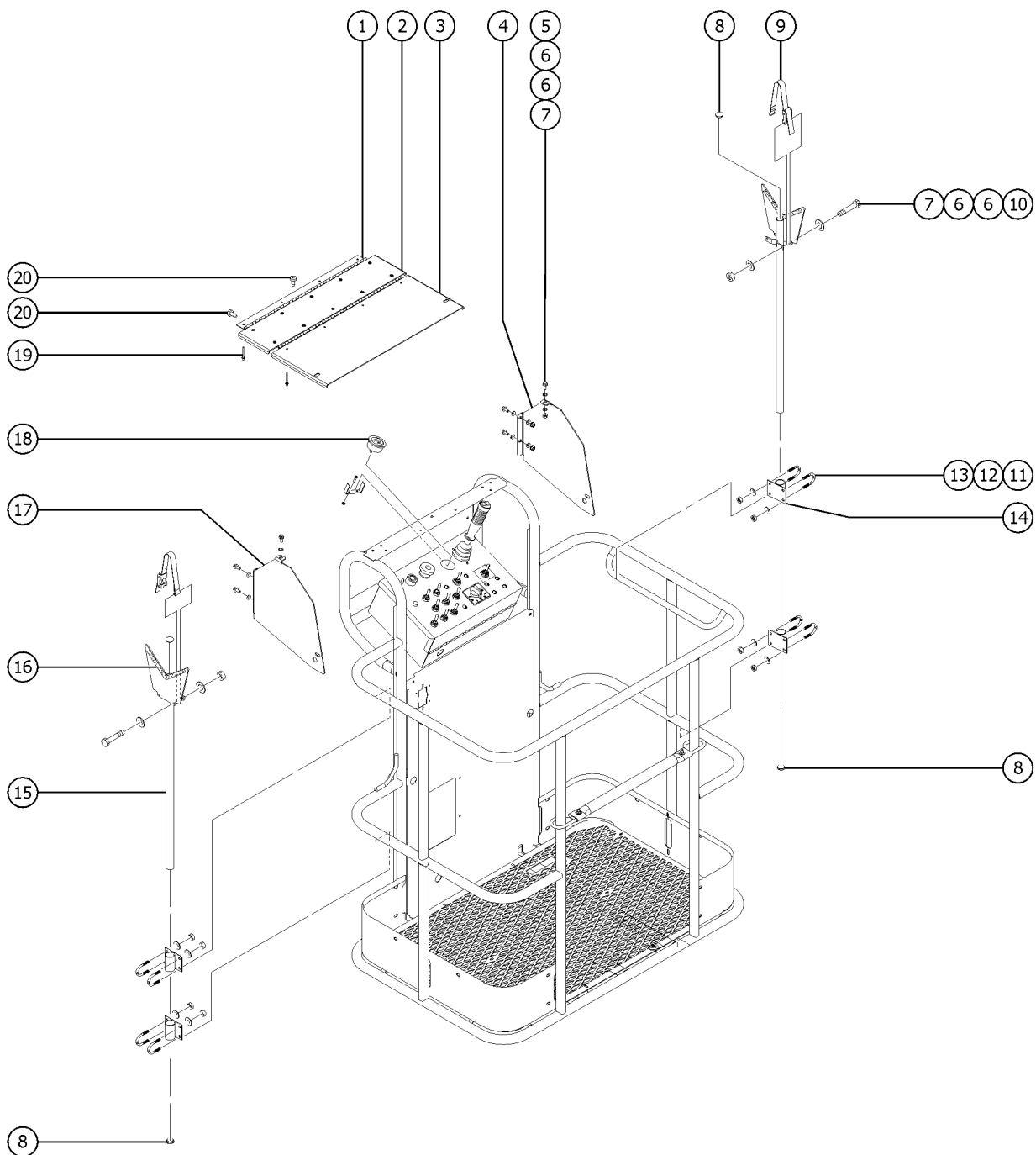
| Item | Part No. | Description                                                   | Qty. |
|------|----------|---------------------------------------------------------------|------|
|      | 56261GT  | HOSE ASSEMBLY,AIRLINE TO PLAT .....<br>includes items 1-3     |      |
| 1    | 27903GT  | HOSE, LOW PRESSURE, .375 ID .....                             | 510  |
| 2    | 27902GT  | CLAMP,HOSE,2 EAR,5/8 .....                                    | 2    |
| 3    | 27901GT  | HOSE END,BARBED,RIGID,-6-6 .....                              | 2    |
| 4    | 27900GT  | BULKHEAD,FEMALE X 6 X 6 .....<br>Includes nut and star washer | 2    |
| 5    | 824116GT | WASHER,FLAT,1.0,F436,HRD,ZAG .....                            | 4    |
| 6    | 27895GT  | COUPLER,1/4"SERIES 3/8 MPT .....                              | 1    |
| 7    | 27894GT  | PLUG,1/4"SERIES,3/8 MPT .....                                 | 1    |
| 8    | 21618GT  | CLAMP,1.13,#18 X 1/4,RUB CUSH .....<br>not shown              | 7    |
| 9    | 45454GT  | CLAMP,0.75,#12 X 3/8,RUB CUSH* .....<br>not shown             | 1    |
| 10   | 27904GT  | HOSE END,BARBED,RIGID,90DEG6-6 .....<br>not shown             | 1    |
| 11   | 44981GT  | DECAL,LABEL, AIR LINE 110 PSI .....<br>not shown              | 2    |
| 12   | 6578GT   | CABLE TIE, 7 3/8" .....<br>not shown                          | 20   |

903.1 Platform Options - View 1



| Item | Part No.  | Description                                                                                               | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------|------|
| A-   | 101649GT  | OPTION,CONTROL BOX COVER .....<br>includes items 1-7 and 15-16                                            | 1    |
| B    | 85300GT   | PIPE CRADLE ASSY. SERV (ONE)** .....<br>includes items 6-16                                               | 2    |
| B-   | 65630GT   | INSTRUCTIONS-PIPE CRADLE,BOOMS .....                                                                      |      |
| 1    | 77860GT   | HINGE,CONTROL BOX .....                                                                                   | 2    |
| 2    | 101678GT  | LID,CONTROL BOX COVER .....                                                                               | 1    |
| 3    | 101679GT  | LID,CONTROL BOX COVER .....                                                                               | 1    |
| 4    | 101676GT  | CONTROL BOX COVER, RH .....                                                                               | 1    |
| 5    | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....                                                                           | 6    |
| 6    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....<br>no longer used on pipe cradle option                                    | 4    |
| 7    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                                                                         | 10   |
| 8    | 55753GT   | BUMPER, PLASTIC, 1.25 O.D. ....                                                                           | 4    |
| 9    | 56570GT   | STRAP, CONDUIT HOLDER 60"**** .....                                                                       | 2    |
| 10   | 824083GT  | SCREW, HHF, 1/4-20 X 2.5, 8, ZAG .....                                                                    | 2    |
| 11   | 1251600GT | U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG .....                                                            | 4    |
| 12   |           | WASHER,FLAT,USS,5/16",Y .....                                                                             | 8    |
| 13   | 1274322GT | NUT,NYLOCK FLG,3/8-16,F,ZAG .....                                                                         | 8    |
| 14   | 81368GT   | WELDMENT,PIPE CRADLE MOUNT .....                                                                          | 2    |
| 15   | 56525GT   | WELDMENT, PIPE CRADLE .....                                                                               | 1    |
| 16   | 19018GT   | TRIMLOCK,BLACK,5/32" .....                                                                                | 11   |
| 17   | 101677GT  | CONTROL BOX COVER, LH .....                                                                               | 1    |
| 18   | 23869GT   | BATT. CHARGE INDICATOR,ACCES** .....                                                                      | 1    |
| 18A- | 237145GT  | IND,BAT CHARGE,48V LEAD-ACID .....<br>spade connectors; includes mounting bracket and fasteners           | 1    |
| 18A- | 23083-SGT | FUSE HOLDER,WATERPROOF .....                                                                              | 1    |
| 18A- | 13097GT   | FUSE,10 AMP .....                                                                                         | 1    |
| 18B  | 110651GT  | LVI/BCI 36/48 VOLT ENGAGE II .....<br>molex connector; low voltage interrupt and battery charge indicator | 1    |
| 18B- | 110652GT  | GASKET LVI/BCI ENGAGE II .....<br>sold separately                                                         | 1    |
| 18B- | 110653GT  | BRACKET ENGAGE II .....                                                                                   | 1    |
| 18B- |           | LVI/BCI Harness .....<br>ref. 306.1 Wire Harness Diagram                                                  | 1    |

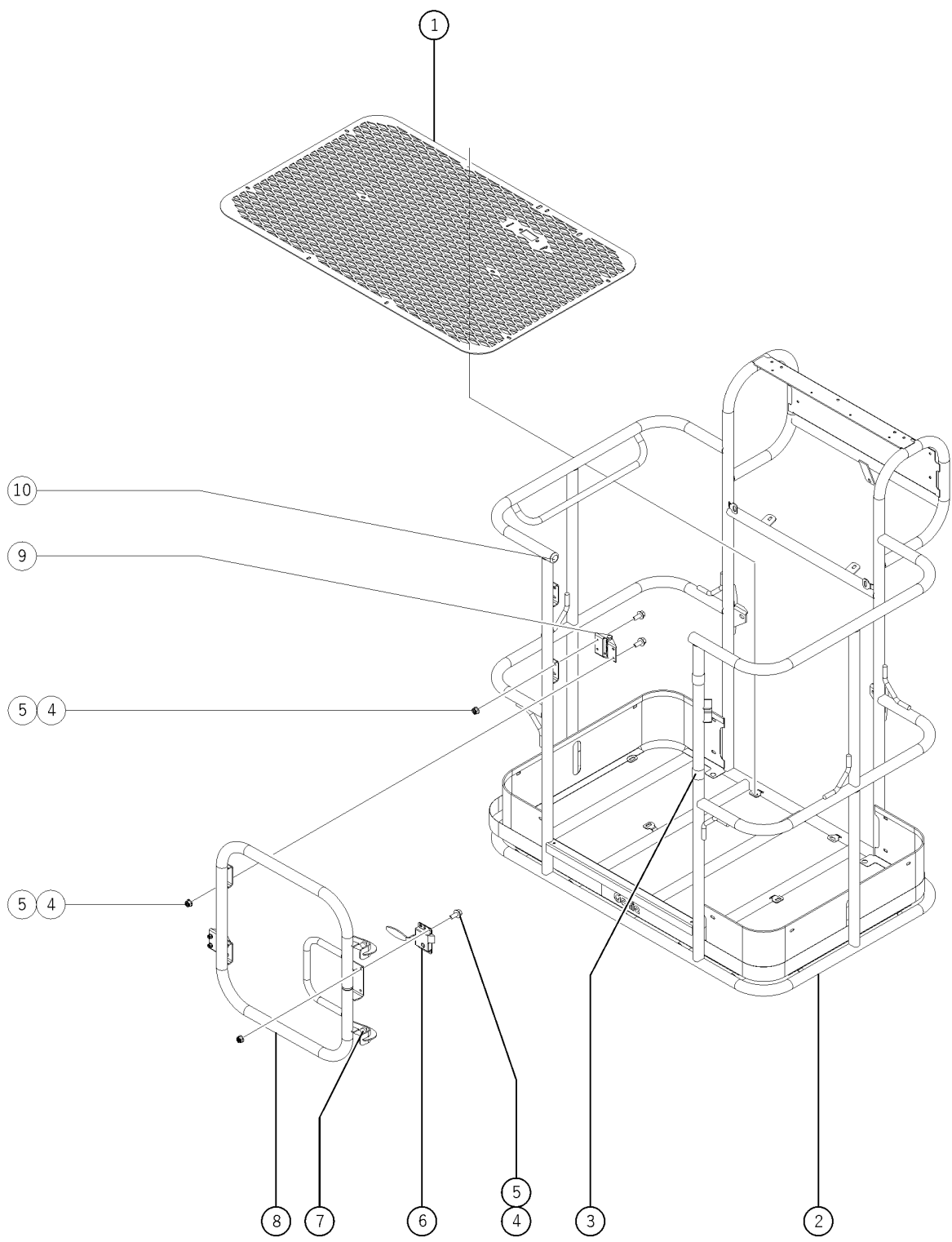
903.1 Platform Options - View 1



| Item | Part No. | Description                   | Qty. |
|------|----------|-------------------------------|------|
| 19   | 87085GT  | RIVET,ALUM,P,.188 X .25 ..... | 18   |
| 20   | 34619GT  | BUMPER,RUBBER*** .....        | 6    |



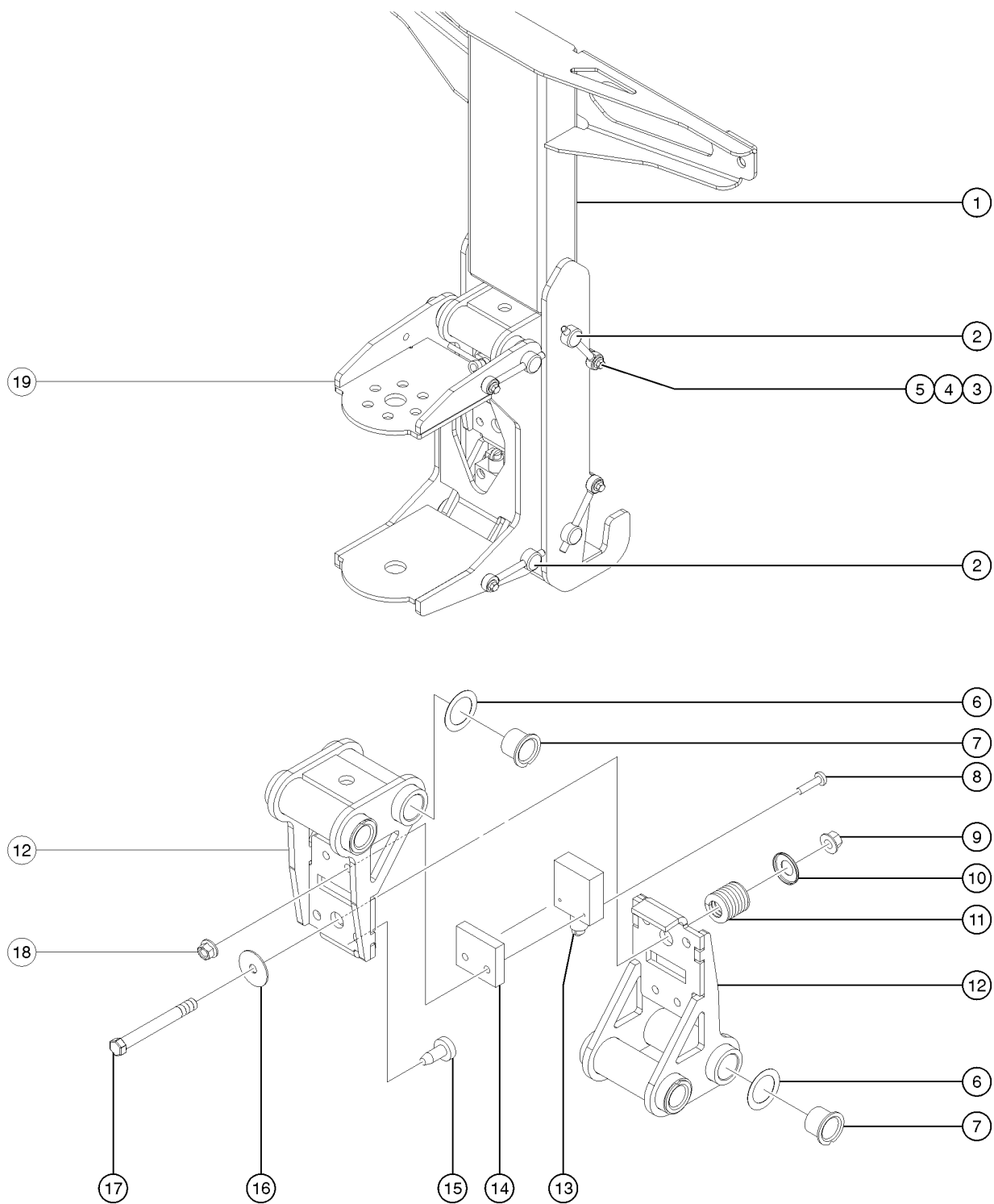
904.1 Platform Options - View 2



## 904.1 Platform Options - View 2

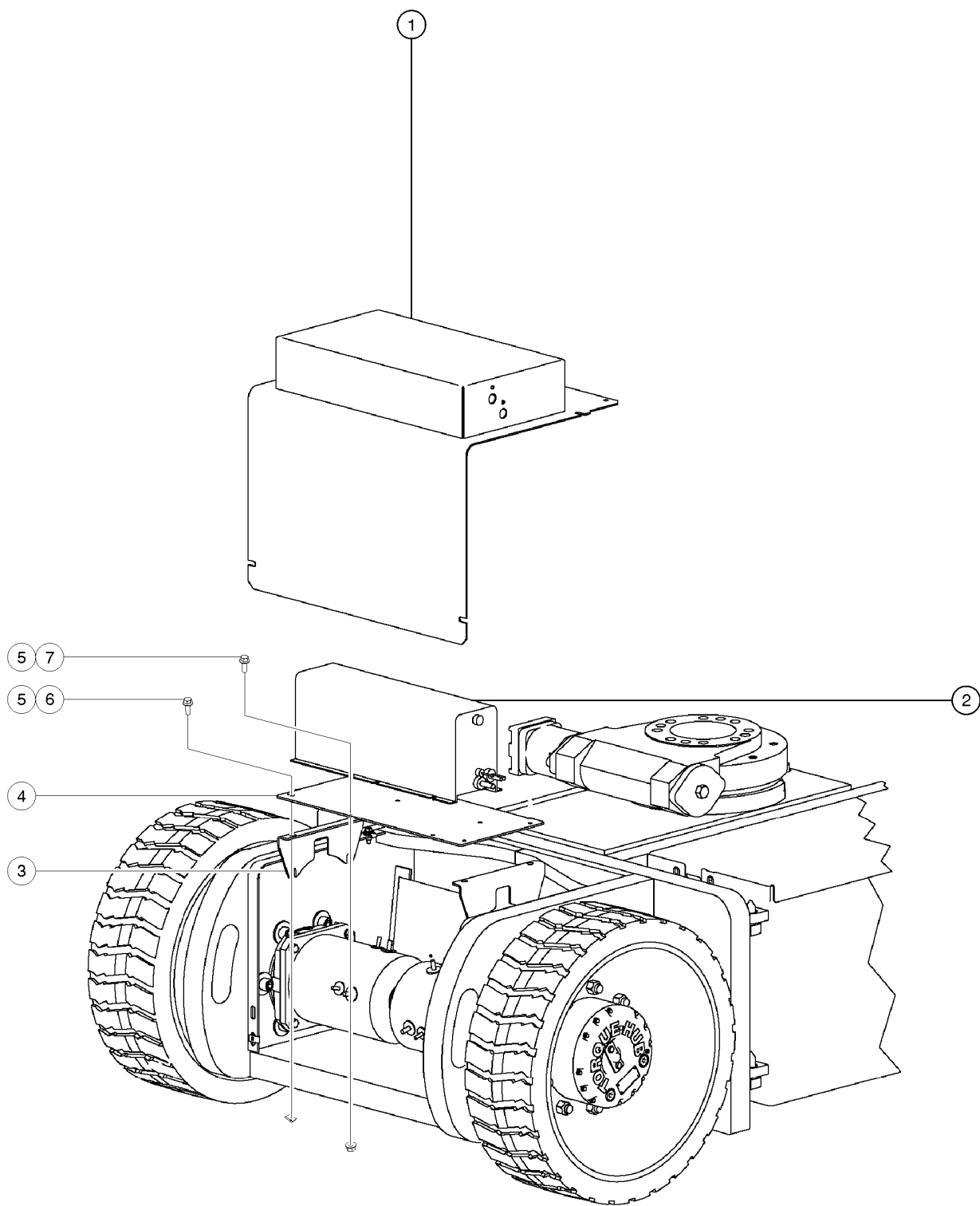
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                       | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------|-------------|
| A-          | 1276941GT       | ASSY,4' PLAT WELDMENT W/SWING GATE ..... |             |
| 1           |                 | Ref. FLOORING, PLATFORM .....            |             |
|             |                 | (refer to 601.1)                         |             |
| 2           | 1298604GT       | WELDMENT, PLATFORM, SWING GATE,4FT ..... | 1           |
| 3           | T112773GT       | TAPE, PROTECTIVE MASK .....              | 2           |
| 4           | 1256855         | SCREW,HHF,1/4-20X.625,8,ZAG .....        |             |
| 5           | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....        |             |
|             |                 | (refer to 309.1)                         |             |
| 6           | 1267747GT       | LATCH, SWING GATE .....                  | 1           |
|             |                 | (refer to 401.1)                         |             |
| 7           | 43392GT         | BUMPER,BATTERY BOX & RAILS .....         | 2           |
| 8           | 1276939GT       | WELDMENT, SWING GATE, 4' & 5' PLAT ..... | 1           |
| 9           | 104804GT        | HINGE, SPRING, LONG LEG .....            | 2           |
| 10          | 55753GT         | BUMPER, PLASTIC, 1.25 O.D. ....          | 2           |

905.1 Platform Overload



| Item | Part No.  | Description                             | Qty. |
|------|-----------|-----------------------------------------|------|
| A    | 121848GT  | ASSY,LS,LOAD SENSE,38.5 IN .....        |      |
| A-   | 13825GT   | TERMINAL,COUPLER,MALE,14-16GA .....     | 2    |
| A-   | 13826GT   | TERMINAL,FEM.BUTT SEAM:16/14 .....      | 2    |
| A-   | 6935GT    | LOCKNUT,CONN, SQZ, 1/2NPT .....         | 1    |
| A-   | 7056GT    | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....   | 1    |
| A-   | 99183GT   | SWITCH, ROLLER PLUNGER LIMIT .....      | 1    |
| 1    | 94176GT   | WELDMENT,PLATFORM SUPPORT .....         | 1    |
|      |           | US part number                          |      |
| 1B   | 1282084GT | WELDMENT,PLATFORM SUPPORT, METRIC ..... | 1    |
|      |           | China part number                       |      |
| 2    | 61726GT   | PIN,0.75DIA X 5.75LG,CHAMFER .....      | 4    |
| 3    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....          | 4    |
| 4    | 825020GT  | ROD END, .25 X 2.75, ZAG .....          | 4    |
| 5    | 824024GT  | NUT, TL, 1/4-20, C, ZAG .....           | 4    |
| 6    | 110789GT  | WASHER,SHIM .0151 THK. ....             | 8    |
| 7    | 25685GT   | BEARING,GARLOCK,12FDU12 .....           | 4    |
| 8    | 824216GT  | SCREW, PHPM, 10-32 X 1.5, ZAG .....     | 1    |
| 9    | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....       | 1    |
| 10   | 824208GT  | RETAINER,SPRING,1.21X.375,ZAG .....     | 1    |
| 11   | 61974GT   | SPRING,COMP,1" OD,232 LB/IN .....       | 1    |
| 12   | 101512GT  | LOAD SUPPORT WITH BEARINGS .....        | 2    |
|      |           | includes items 6 and 7                  |      |
| 12-  | 94191GT   | WELDMENT,LOAD SUPPORT .....             | 1    |
| 13   | 61973GT   | SWITCH,ROLLER PLUNGER LIMIT .....       | 1    |
| 14   | 61972GT   | MOUNT,SWITCH .....                      | 1    |
| 15   | 34619GT   | BUMPER,RUBBER*** .....                  | 2    |
| 16   | 1268468GT | WASHER,FLAT,.406X1.50X.125,ZAG .....    | 1    |
| 17   | 824070GT  | SCREW, HHC, 3/8-16 X 3.25, 8, ZAG ..... | 1    |
| 18   | 824032GT  | NUT, TL FLG, 10-32, F, ZAG .....        | 2    |
| 19   | 94170GT   | WELDMENT,ROTATOR SUPPORT .....          | 1    |
|      |           | US part number                          |      |
| 19B  | 1282083GT | WELDMENT,ROTATOR SUPPORT, METRIC .....  | 1    |
|      |           | China part number                       |      |

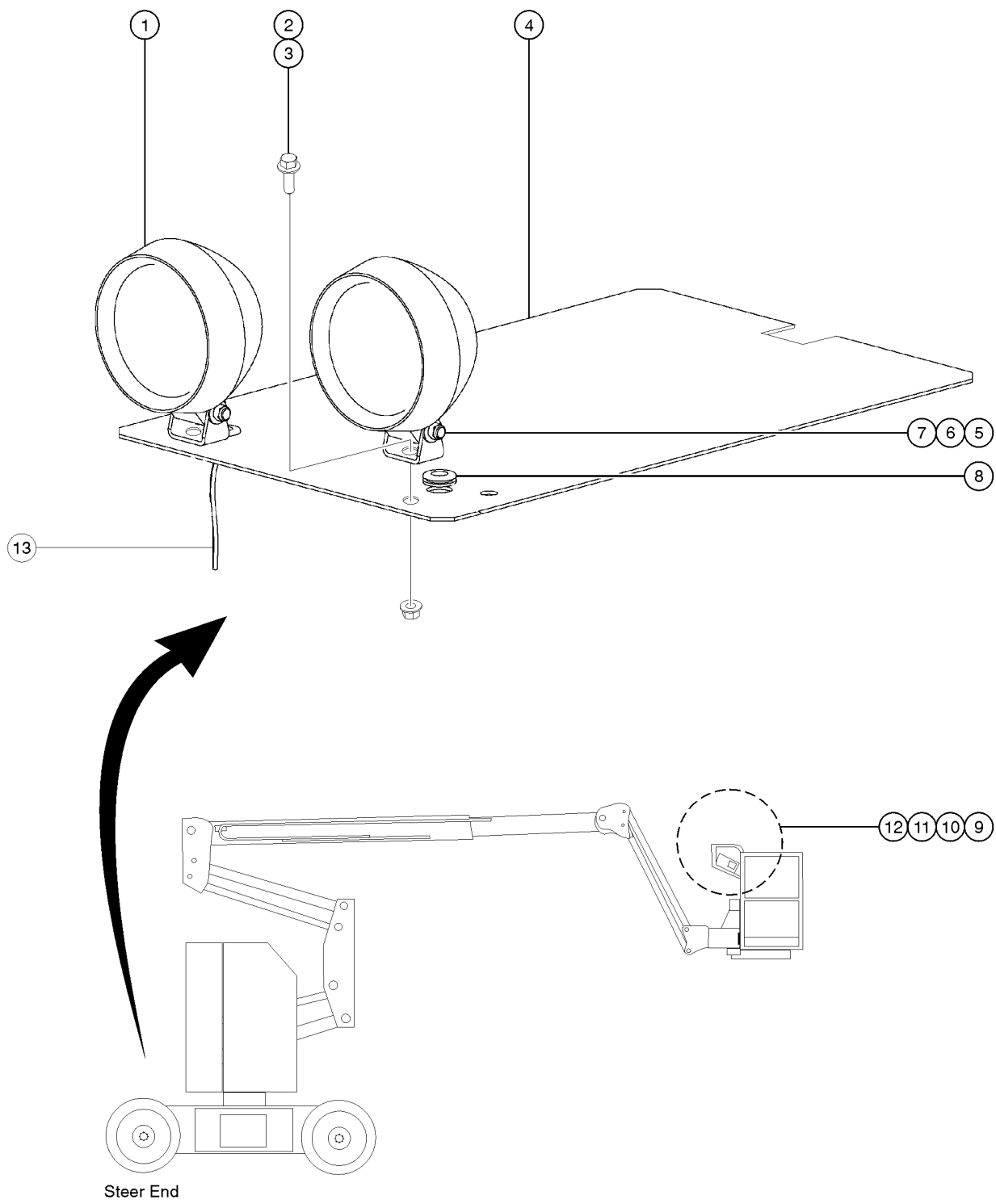
906.1 Inverter Option, 120V



## 906.1 Inverter Option, 120V

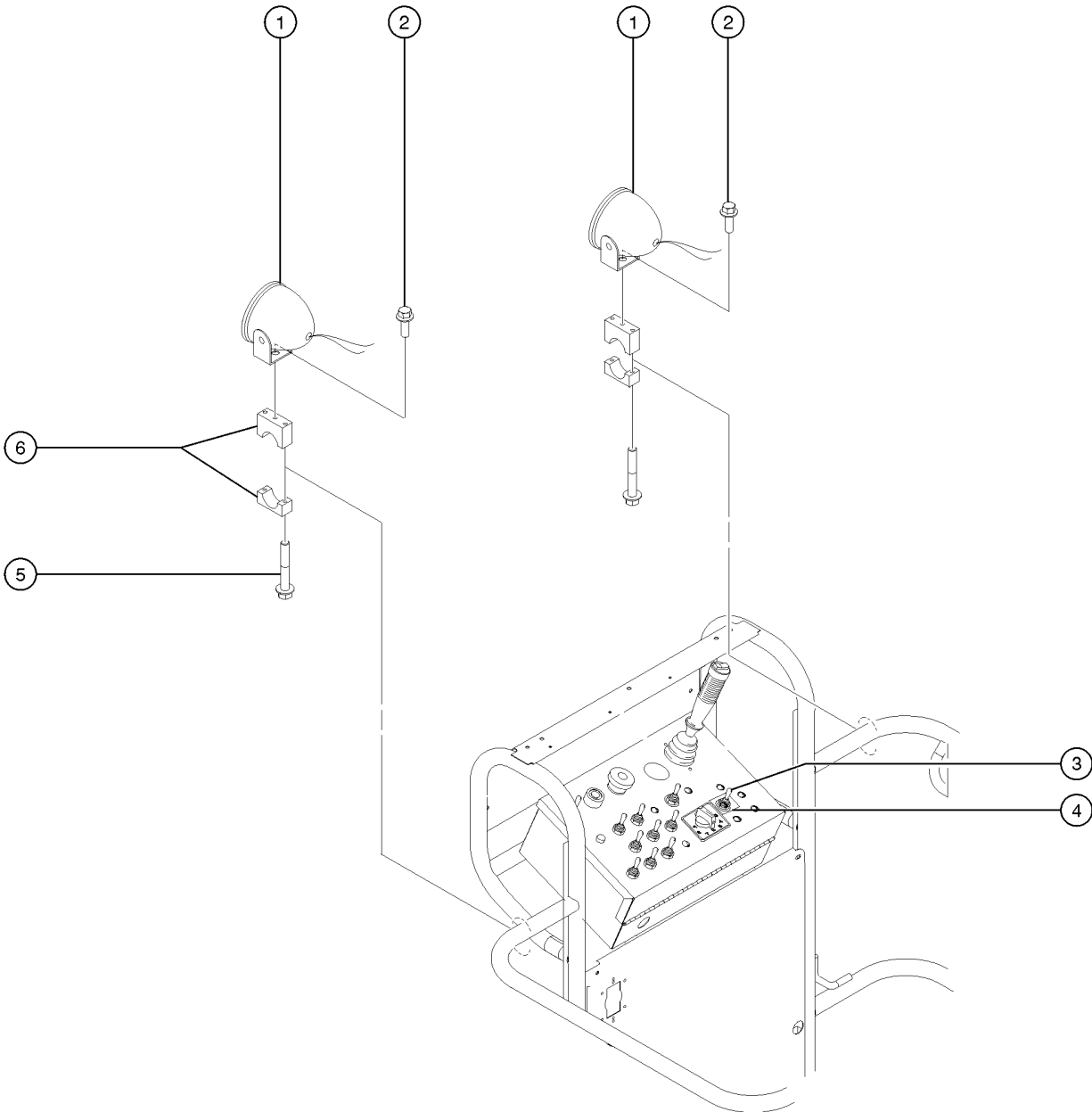
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                        | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------|-------------|
| A-          | 78098GT         | RELAY, 24VDC, 40/30A, SLD W/BRKT* .....   | 1           |
| B-          | 13268GT         | CLAMP,0.75,#12 X 1/4,RUB CUSH .....       | 2           |
| C-          | 36355GT         | FUSE,100 AMP,VERY FAST ACTING .....       | 1           |
| D-          | 66717GT         | FUSE BLOCK, ANN & ANL FUSE .....          | 1           |
| E-          | 128204GT        | SWITCH TOGGLE ASSY SPDT 2P MNT .....      | 1           |
| 1           | 74868GT         | WELDMENT,COVER DRIVE CHASSIS .....        | 1           |
| 2           | 150026GT        | INVERTER,48VDC,120VAC/60HZ .....          | 1           |
| 3           | 74847PGT        | BRACKET,INVERTER MOUNT PTD .....          | 2           |
| 4           | 74848PGT        | PLATE,INVERTER MOUNT PTD .....            | 1           |
| 5           | 824078GT        | SCREW,HHF,1/4-20X.75,8,ZAG .....          | 8           |
| 6           | 56912GT         | SPRING CLIP,1/4-20,.025-.15X.54,ZAG ..... | 4           |
| 7           | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....         | 4           |

907.1 Drive Light Option



| Item | Part No.  | Description                             | Qty. |
|------|-----------|-----------------------------------------|------|
|      | 823943GT  | OPTION,DRIVE LIGHTS,Z30N .....          |      |
| 1    | 107858GT  | WORKLIGHT,48 VOLT .....                 | 2    |
| 2    | 824085GT  | SCREW, HHF, 5/16-18 X .75, 8, ZAG ..... |      |
| 3    | 824028GT  | NUT, TL FLG, 5/16-18, G, ZAG .....      |      |
| 4    | 128819GT  | COVER, DR LIGHT OPTION .....            | 1    |
| 5    | 10107GT   | SCREW,HHC,5/16-18 X .75 .....           | 2    |
| 6    | 5397GT    | WASHER,FLAT,5/16,USS,ZAG .....          | 2    |
| 7    | 6782GT    | NUT, NYLOCK, 5/16-18 .....              | 2    |
| 8    | 53517GT   | GROMMET,RUBBER .5 X .014 X .75 .....    | 2    |
| 9    | 823226GT  | POWER RELAY, 24V COIL .....             | 1    |
| 9-   | 824215GT  | SCREW, PHPM, 10-32 X .75, ZAG .....     |      |
| 9-   | 6146GT    | WASHER,FLAT,MS,#10,Y .....              |      |
| 9-   | 824032GT  | NUT, TL FLG, 10-32, F, ZAG .....        |      |
| 10   | 72867GT   | DECAL,LABEL,LIGHTS*** .....             | 1    |
| 11   | 128205GT  | SWITCH TOGGLE ASSY DPDT 2P MNT .....    | 1    |
| 11-  | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....         |      |
| 12   | 6578GT    | CABLE TIE, 7 3/8" .....                 | 2    |
| 13   | 823948GT  | HARNESS, DRIVE LIGHTS, 48V .....        | 1    |
|      |           | includes item 1                         |      |
| 13-  | 23083-SGT | FUSE HOLDER,WATERPROOF .....            |      |
| 13-  | 27489GT   | FUSE,7 AMP .....                        |      |
| 13-  | 823226GT  | POWER RELAY, 24V COIL .....             |      |

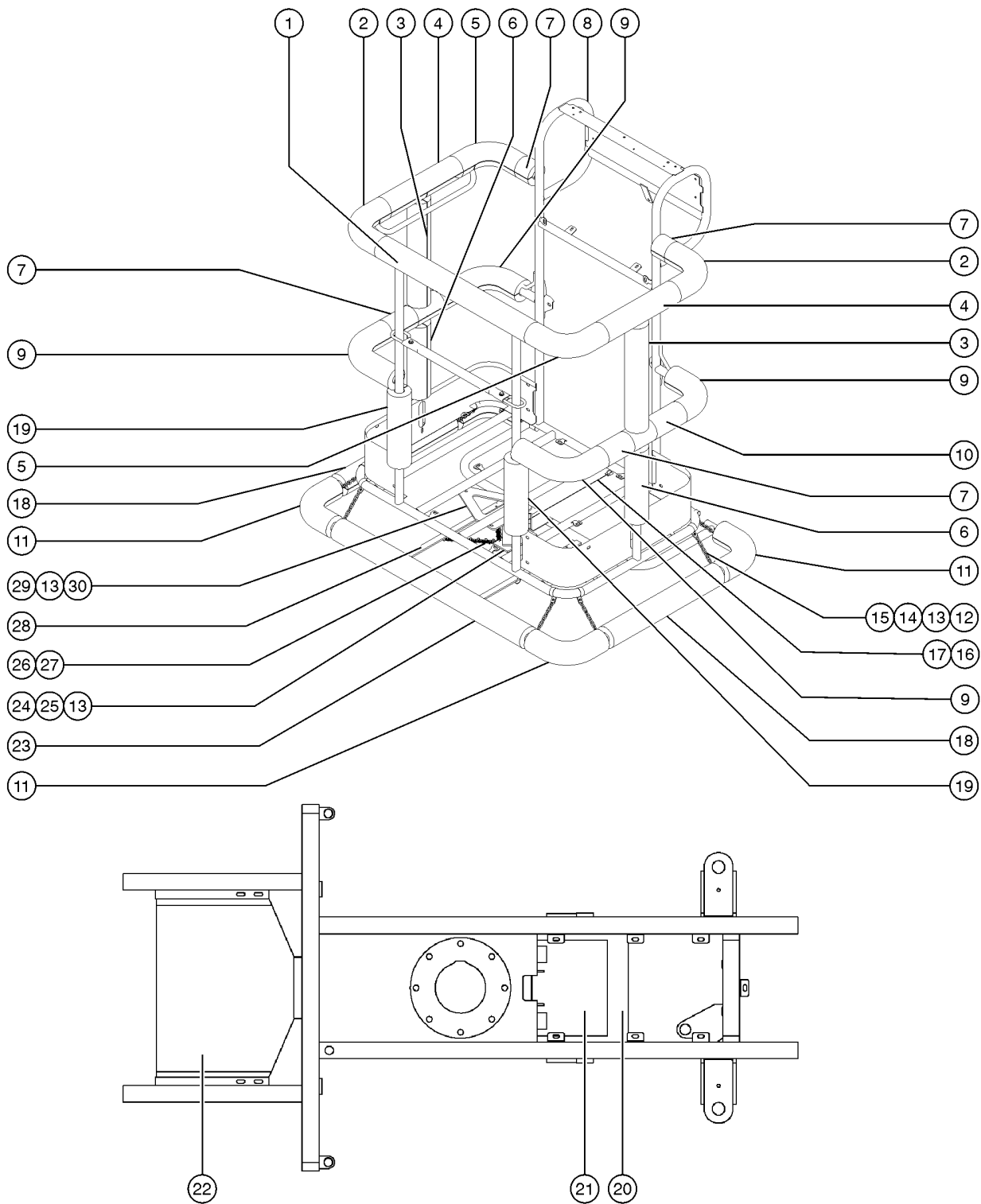
908.1 Work Light Option



## 908.1 Work Light Option

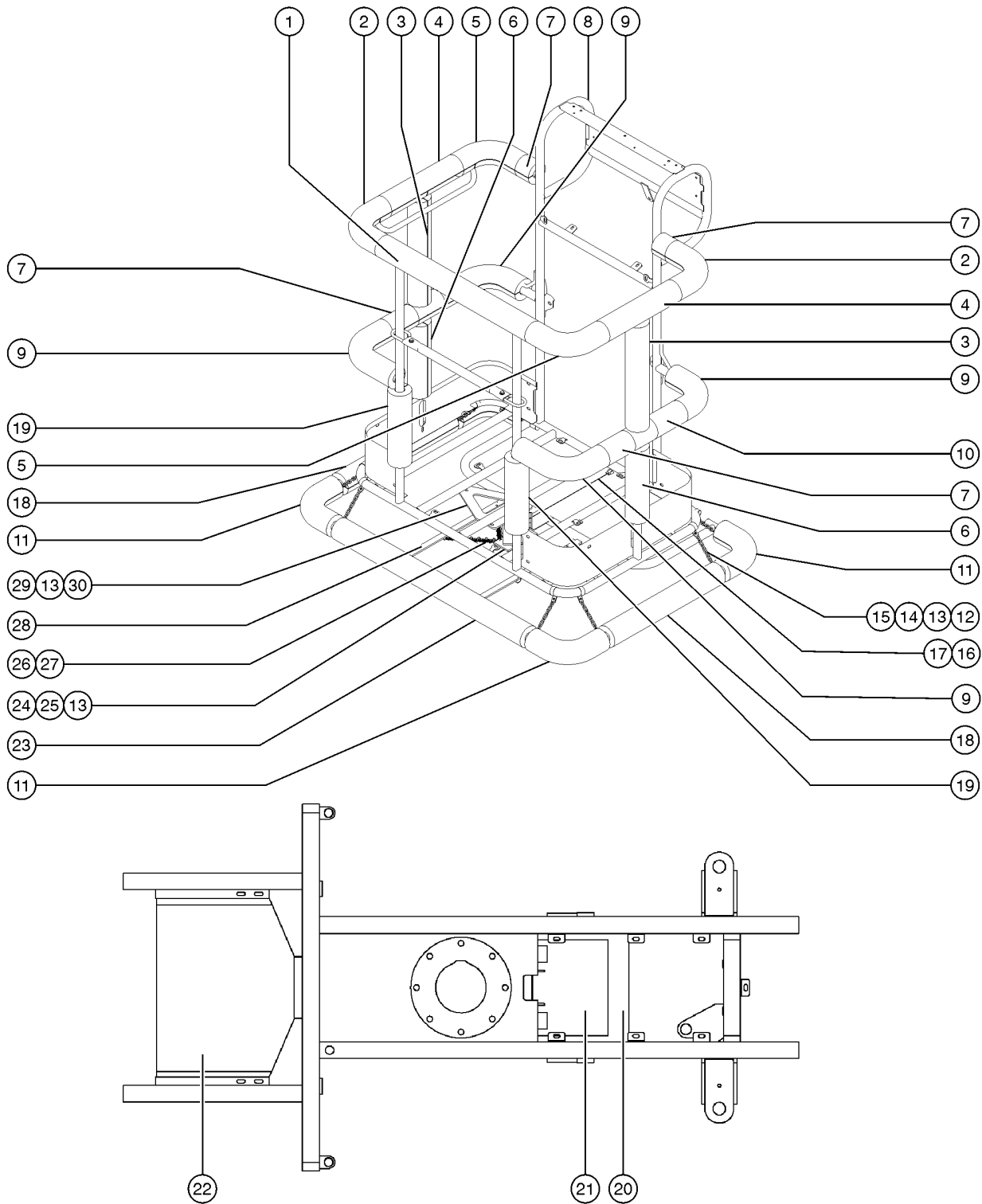
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                            | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------|-------------|
| A           | 823942GT        | OPTION,WORK LIGHTS,48V .....                  | 1           |
| A-          | 27489GT         | FUSE,7 AMP .....                              | 1           |
| A-          | 23083-SGT       | FUSE HOLDER,WATERPROOF .....                  | 1           |
| A-          | 823226GT        | POWER RELAY, 24V COIL .....                   | 1           |
| A-          | 61226GT         | RELAY SOCKET,70AMP .....                      | 1           |
| A-          |                 | Ref. Worklight Harness (refer to 306.1) ..... |             |
| 1           | 107858GT        | WORKLIGHT,48 VOLT .....                       | 2           |
| 2           | 824085GT        | SCREW, HHF, 5/16-18 X .75, 8, ZAG .....       | 2           |
| 3           | 128204GT        | SWITCH TOGGLE ASSY SPDT 2P MNT .....          | 1           |
| 4           | 72867GT         | DECAL,LABEL,LIGHTS*** .....                   | 1           |
| 5           | 824081GT        | SCREW,HHF,1/4-20X1.5,8,ZAG .....              | 4           |
| 6           | 35956GT         | WORK LIGHT MOUNTING BRACKET .....             | 2           |

909.1 Aircraft Protection



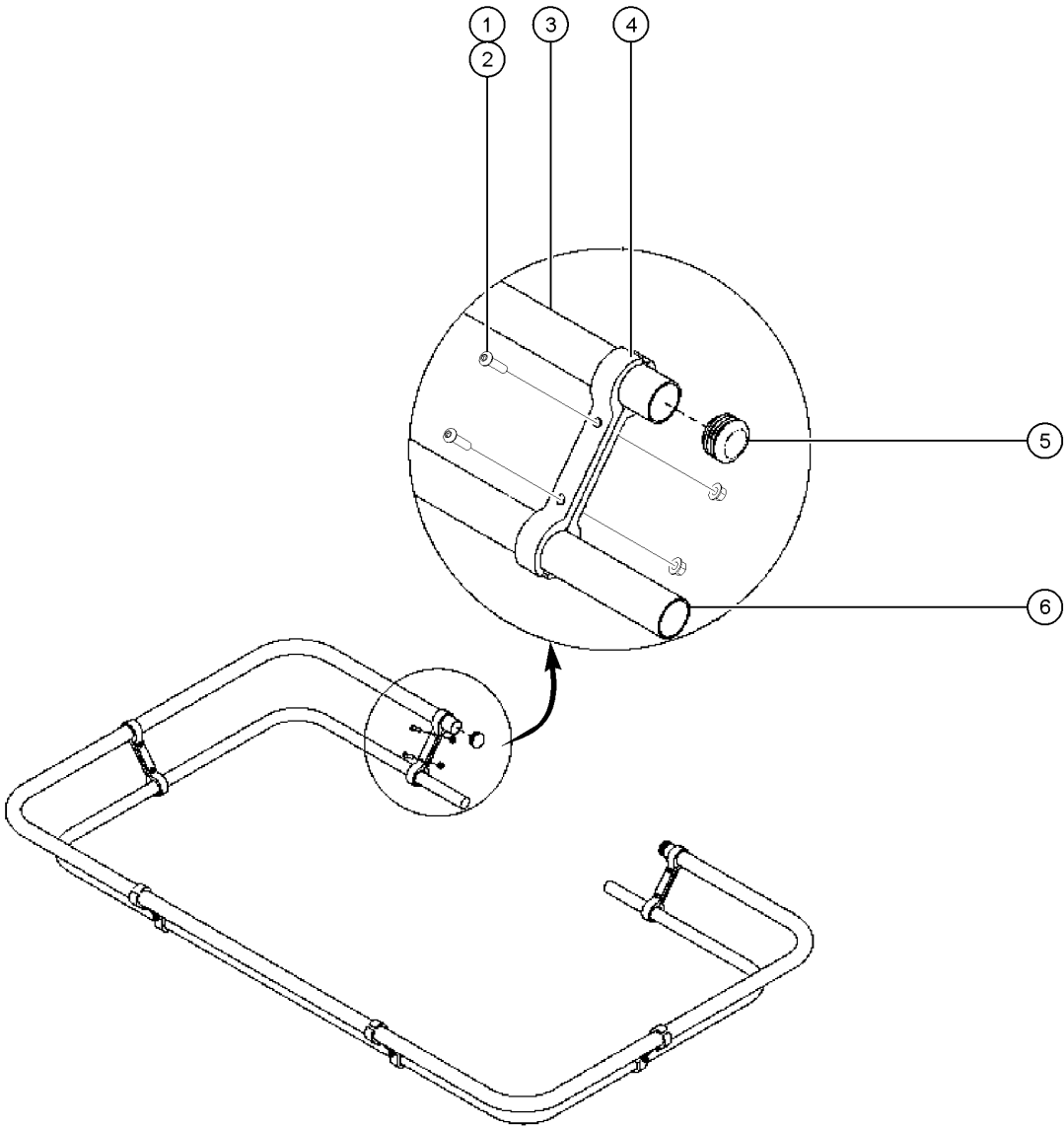
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                 | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------|-------------|
| 1           | 1251590GT       | BUMPER,3.5OD X 1.5ID X 30.75 .....                 | 1           |
| 2           | 147000GT        | PADDING, FOAM 90 DEG .....                         | 2           |
| 3           | 825213GT        | BUMPER,3.5OD X 1.5ID X 15.65 .....                 | 2           |
| 4           | 825207GT        | BUMPER,3.5OD X 1.5ID X 14.75 .....                 | 2           |
| 5           | 147001GT        | PADDING, FOAM 90 DEG .....                         | 2           |
| 6           | 825212GT        | BUMPER,3.5OD X 1.5ID X 12.75 .....                 | 2           |
| 7           | 1251592GT       | BUMPER,3.5OD X 1.5ID X 2.75 .....                  | 2           |
| 8           |                 | Ref. Platform Rail Assembly (refer to 601.1) ..... |             |
| 9           | 1252013GT       | BUMPER,3.5OD X 1.5 ID 90 DEG .....                 | 4           |
| 10          | 1252012GT       | BUMPER,3.5OD X 1.5 ID X 6.75 .....                 | 2           |
| 11          | 56418GT         | BUMPER,90 DEG ELBOW .....                          | 4           |
| 12          | 56426-576GT     | CHAIN,NO.2 (9LINKS) .....                          | 8           |
| 13          | 824078GT        | SCREW,HHF,1/4-20X.75,8,ZAG .....                   | 19          |
| 14          | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                  | 17          |
| 15          | 56424GT         | CLAMP,1.25X.5 RUBBER-CUSHION .....                 | 16          |
| 16          | 139643GT        | HARNESS, PROX. KILL .....                          | 1           |
| 16-         | 27391GT         | PROXIMITY SENSOR*** .....                          | 1           |
| 16-         | 34052GT         | RELAY,SPDT,12V(AUTO) PLUG IN** .....               | 1           |
| 16-         | 34053GT         | ASSY,RELAY SOCKET,AUTO*** .....                    | 1           |
| 16-         | 56302GT         | RELAY,24VDC,40/30A,SEALED*** .....                 | 1           |
| 16-         | 20973GT         | WIRE LOOM,3/8 POLY SLIT .....                      | 69          |
| 17          | 88390GT         | NUT,HEX,M8,PLASTIC .....                           |             |
| 18          | 825214GT        | BUMPER,3.5OD X 1.5ID X 22.70 .....                 | 2           |
| 19          | 1252011GT       | BUMPER,3.5OD X 1.5 ID X 9.75 .....                 | 2           |
| 20          | 128723GT        | PLATE, PROFILED COUNTERWEIGHT .....                | 1           |
| 21          | 128722GT        | PLATE, PROFILED COUNTERWEIGHT .....                | 1           |
| 22          | 74734GT         | PLATE,COUNTERWEIGHT .....                          | 1           |
| 23          | 1251591GT       | BUMPER,3.5OD X 1.5ID X 38.75 .....                 | 1           |

909.1 Aircraft Protection



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                      | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------|-------------|
| 24          | 56330GT         | PLATE,MAGNET MOUNT .....                | 1           |
| 25          | 824080GT        | SCREW, HHF, 1/4-20 X 1.25, 8, ZAG ..... | 1           |
| 26          | 56425GT         | SPRING,EXTENSION,.75X4.5 .....          | 4           |
| 27          | 88385GT         | SPRING, SS, 1/2-EO500-49-4500 .....     | 4           |
| 28          | 56324GT         | WELDMENT,FLOATING BUMPER .....          | 1           |
| 29          | 56328GT         | WELDMENT,SENSOR BRACKET .....           | 1           |
| 30          | 23404GT         | NUTSERT,1/4-20,STEEL CAD PLTD .....     |             |

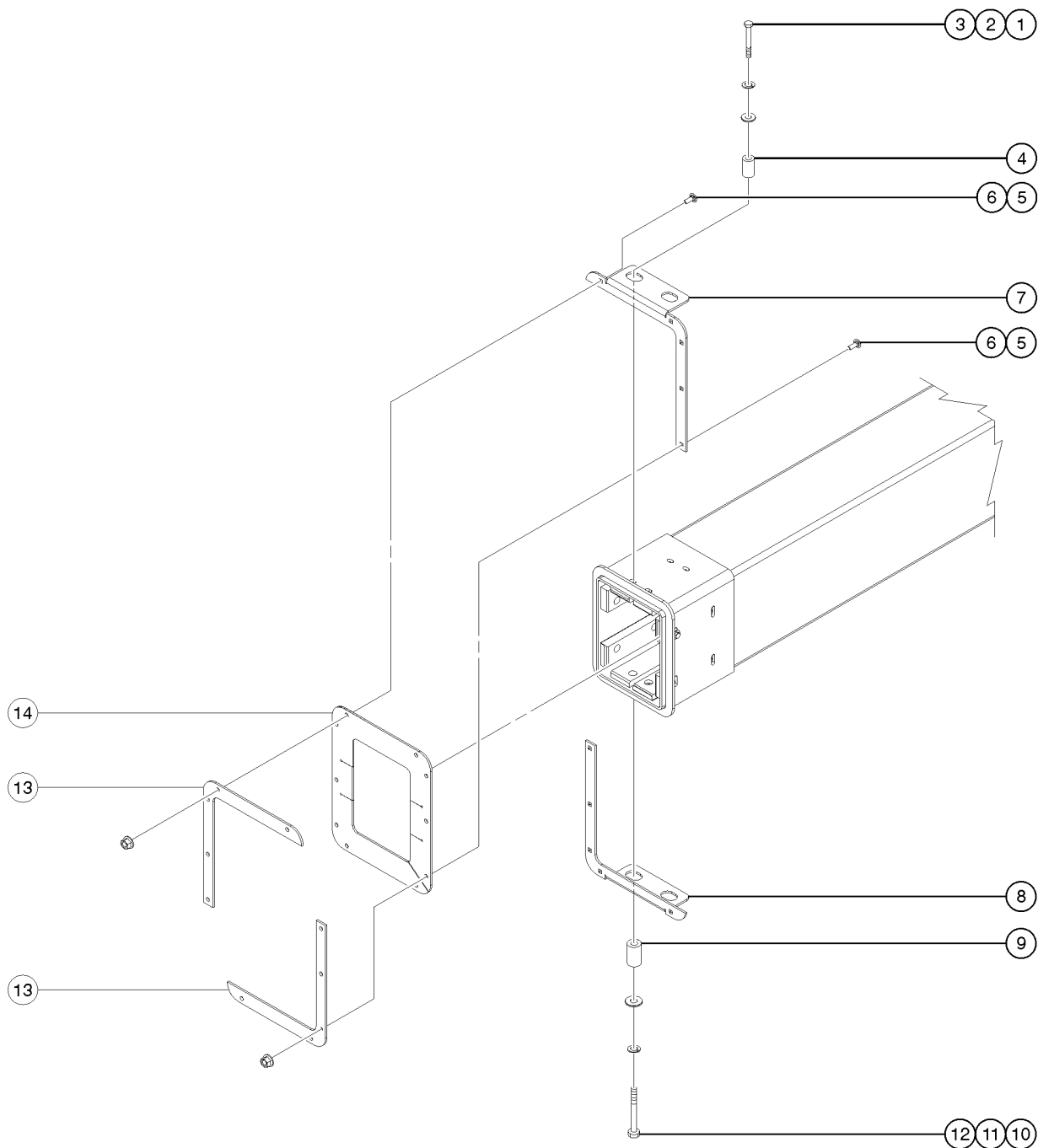
910.1 Auxiliary Rail Assembly



910.1 Auxiliary Rail Assembly

| Item | Part No.  | Description                                        | Qty. |
|------|-----------|----------------------------------------------------|------|
| 1    | T112576GT | SCREW,BHTC,1/4-20X1,ZAG .....                      | 12   |
| 2    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                  | 12   |
| 3    | T112779GT | KIT, AUX. RAIL, 4' PLATFORM .....                  | 1    |
|      |           | includes items 1, 2, 4, 5                          |      |
| 4    | 122073GT  | SUPPORT, RAILING .....                             | 12   |
| 5    | 55753GT   | BUMPER, PLASTIC, 1.25 O.D. ....                    | 2    |
| 6    |           | Ref. Platform Rail Assembly (refer to 601.1) ..... |      |

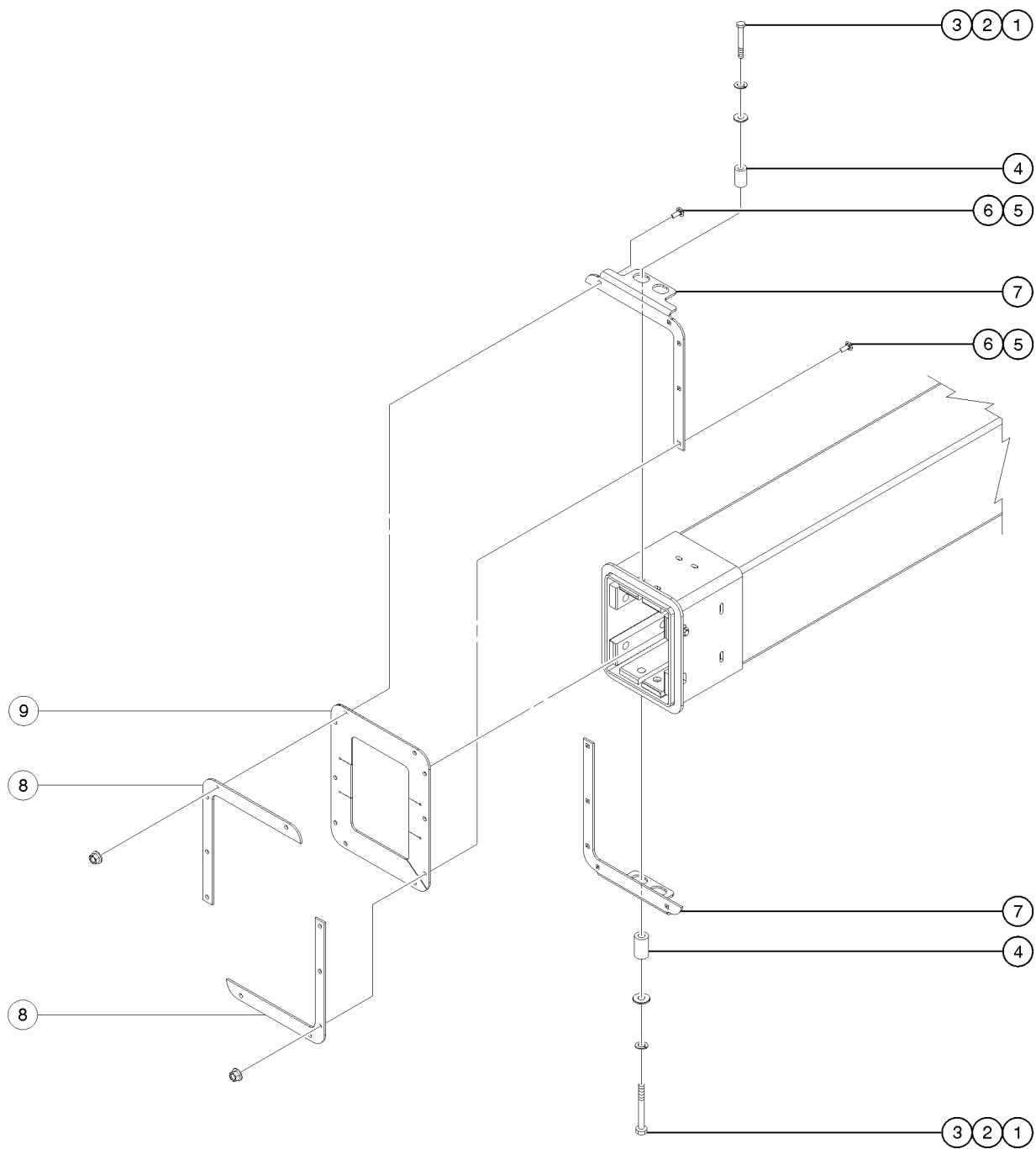
911.1 Hostile Environment - Z30N Primary Boom Wipers



## 911.1 Hostile Environment - Z30N Primary Boom Wipers

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                         | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------|-------------|
|             | 128677GT        | KIT, WIPER .....                           | 1           |
| 1           | 1252978GT       | SCREW,HHC,3/8-16X2.25,8,ZAG .....          | 2           |
| 2           | 824110GT        | WASHER, LOCK, 3/8, ZAG .....               | 2           |
| 3           | 825358GT        | WASHER,FLAT,5/16,USS,ZAG .....             | 2           |
| 4           | 128852GT        | TUBE,RD,STL,DOM,.75X.438X1.25 .....        | 2           |
| 5           | 824124GT        | BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG ..... | 10          |
| 6           | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....          | 10          |
| 7           | 128681GT        | FORMING, WIPER MOUNT .....                 | 1           |
| 8           | 128682GT        | FORMING, WIPER MOUNT .....                 | 1           |
| 9           | 119077GT        | TUBE,RD,STL,DOM,.75OD X .375ID .....       | 2           |
| 10          | 824064GT        | SCREW, HHC, 1/4-20 X 2.25, 8, ZAG .....    | 2           |
| 11          | 824109GT        | WASHER, LOCK, 1/4, ZAG .....               | 2           |
| 12          | 824113GT        | WASHER,FLAT,USS,1/4,ZAG .....              | 2           |
| 13          | 128973GT        | PLATE,WIPER BACKING .....                  | 2           |
| 14          | 147181GT        | WIPER,PRIMARY BOOM .....                   | 1           |

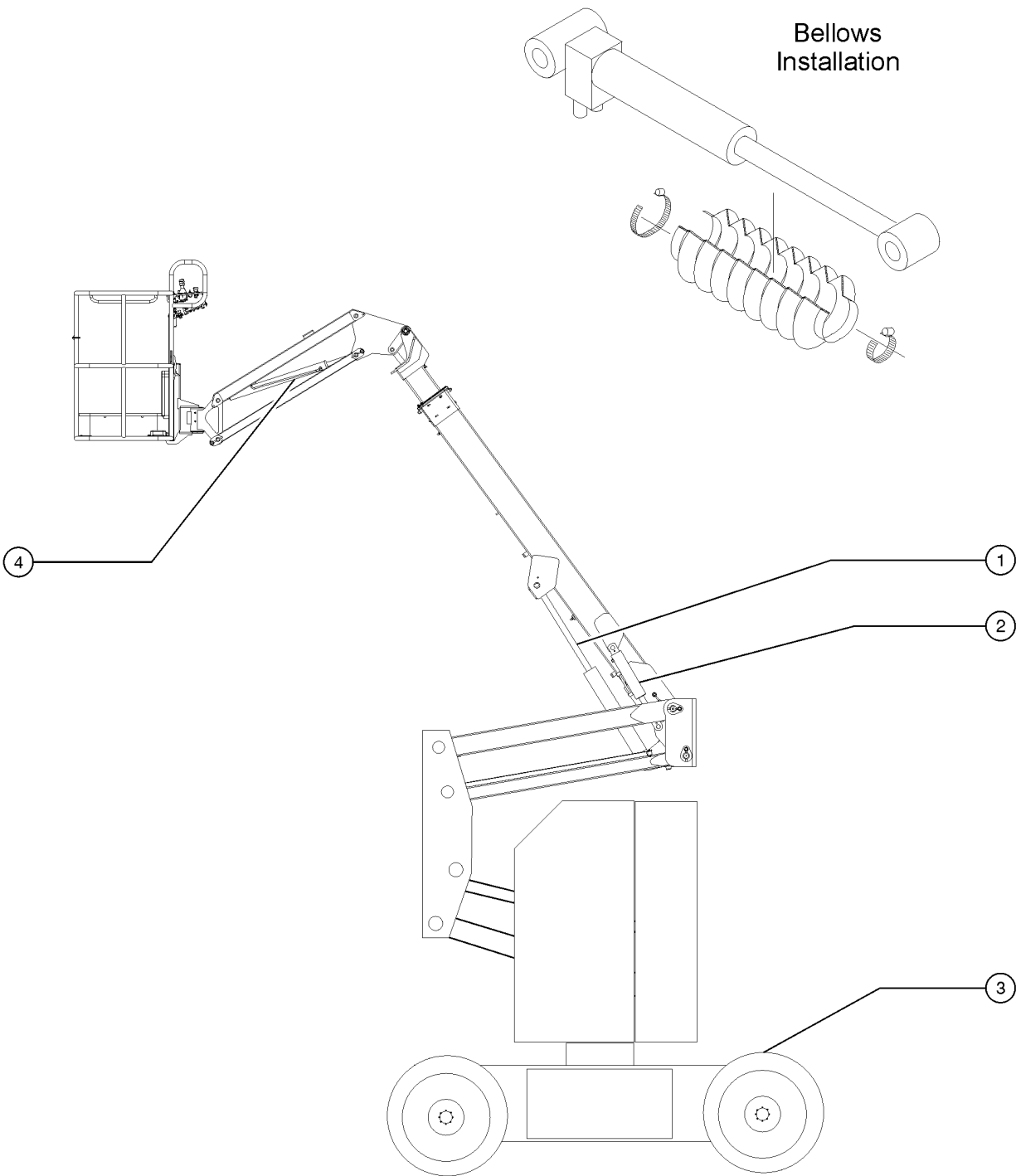
912.1 Hostile Environment - Z30N RJ Primary Boom Wipers



## 912.1 Hostile Environment - Z30N RJ Primary Boom Wipers

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                         | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------|-------------|
|             | 825069GT        | KIT, WIPER, Z30NRJ .....                   | 1           |
| 1           | 824064GT        | SCREW, HHC, 1/4-20 X 2.25, 8, ZAG .....    | 4           |
| 2           | 824109GT        | WASHER, LOCK, 1/4, ZAG .....               | 4           |
| 3           | 824113GT        | WASHER, FLAT, USS, 1/4, ZAG .....          | 4           |
| 4           | 119077GT        | TUBE, RD, STL, DOM, .75OD X .375ID .....   | 4           |
| 5           | 824124GT        | BOLT, CARRIAGE, 1/4-20 X .75, 5, ZAG ..... | 10          |
| 6           | 1277924GT       | NUT, NYLOCK FLG, 1/4-20, F, ZAG .....      | 10          |
| 7           | 128972GT        | FORMING, WIPER MOUNT .....                 | 2           |
| 8           | 128973GT        | PLATE, WIPER BACKING .....                 | 2           |
| 9           | 128971GT        | WIPER, PRIMARY BOOM .....                  | 1           |

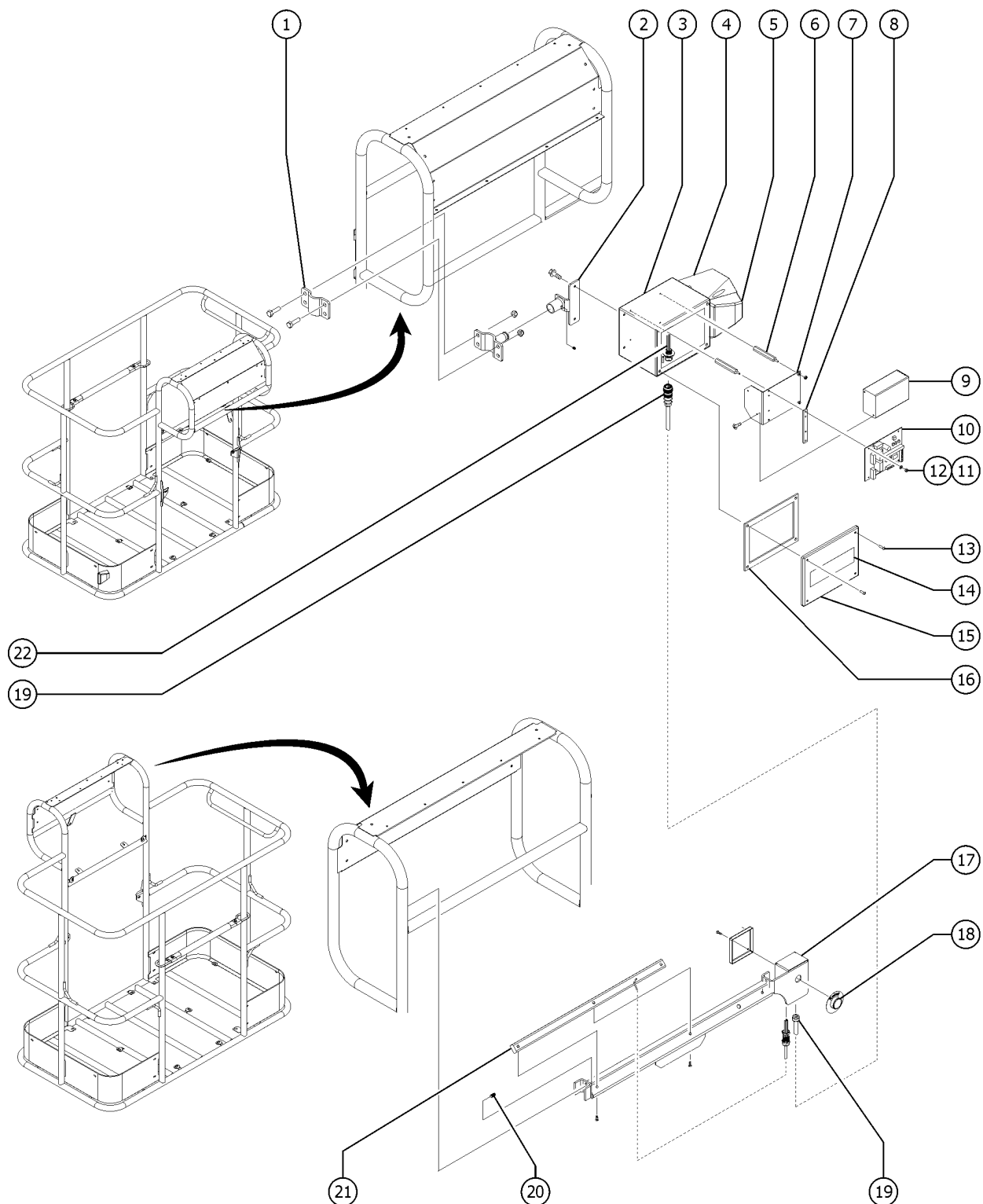
913.1 Hostile Environment - Cylinder Bellows



## 913.1 Hostile Environment - Cylinder Bellows

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------|-------------|
|             | 128838GT        | KIT, CYLINDER BELLOWS .....         |             |
| 1           | 94461GT         | BELLOWS,PRIMARY/ELEV CYLINDER ..... | 2           |
| 2           | 94463GT         | BELLOWS,MASTER CYLINDER .....       | 1           |
| 3           | 54989GT         | BELLOWS,STEERING CYLINDER .....     | 1           |
|             |                 | not shown                           |             |
| 4           | 94462GT         | BELLOWS,JIB CYLINDER .....          | 1           |
| 5           | 30577GT         | COVER,PROTECTIVE,MASTER/SLAVE ..... | 1           |
|             |                 | not shown                           |             |
| 6           | 30489GT         | CLAMP,HOSE,3.50 .....               | 5           |
|             |                 | not shown                           |             |
| 7           | 30971GT         | CLAMP,HOSE,3.00" .....              | 1           |
|             |                 | not shown                           |             |
| 8           | 35434GT         | CLAMP,HOSE,2.00*** .....            | 6           |
|             |                 | not shown                           |             |

914.1 Operators Protection Alarm (to January 2017)

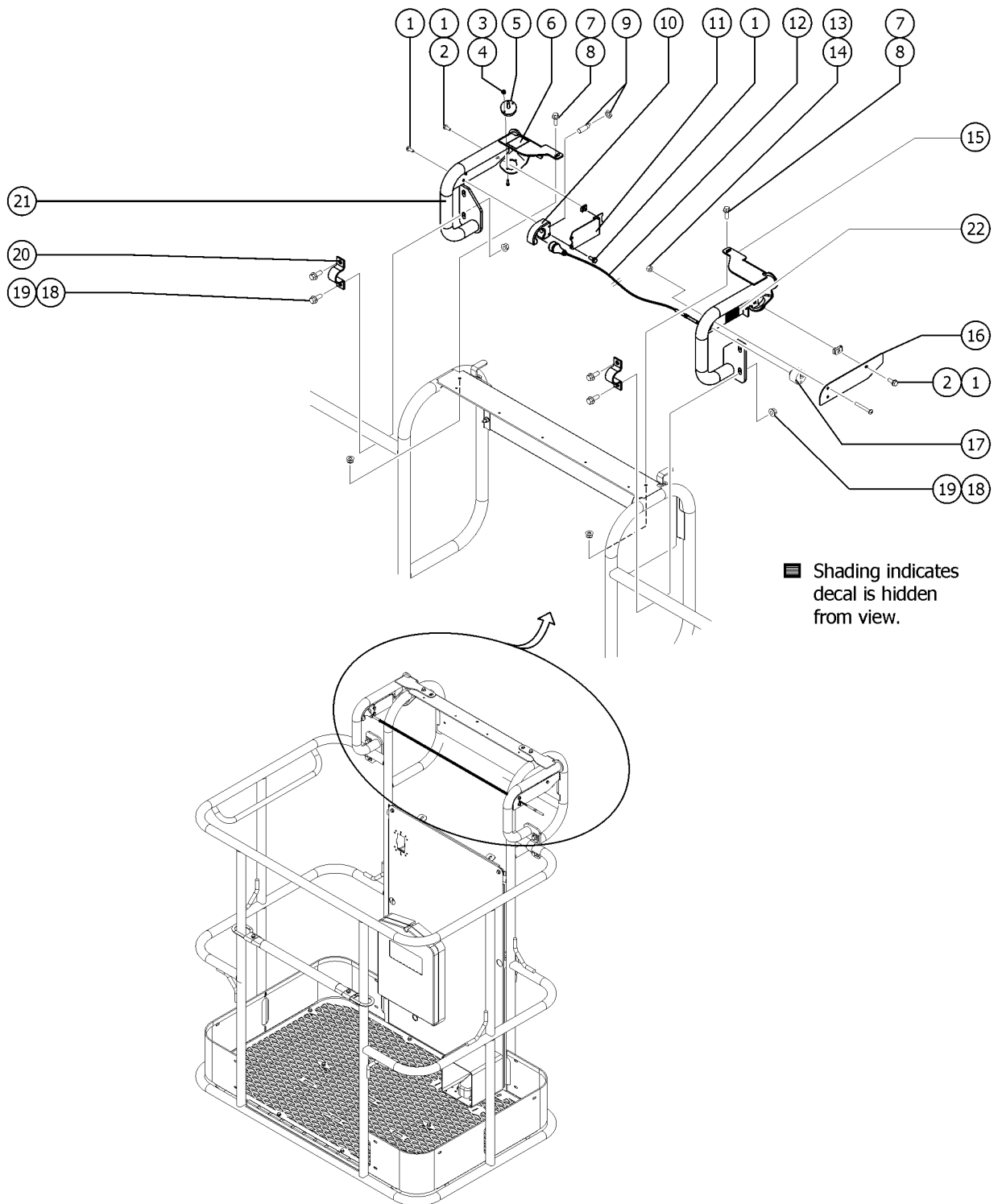


## 914.1 Operators Protection Alarm (to January 2017)

| Item | Part No.  | Description                                                                                                                   | Qty. |
|------|-----------|-------------------------------------------------------------------------------------------------------------------------------|------|
| A    | 1255567GT | KIT,OPA,HW,24V,SB .....                                                                                                       | 1    |
| A-   |           | ASSEMBLY,OPA,4'-5' PLAT<br>No longer available (contact customer service) .....                                               |      |
| A-   | 1255030GT | PLUG,BLANKING .....                                                                                                           |      |
| A-   | 1255858GT | HARN,PBOX,OPA,HW,24V .....                                                                                                    |      |
| 1    |           | CLAMP,HAND RAIL,OPA,4'-5'<br>includes fasteners No longer available (contact customer service) .....                          | 1    |
| 2    |           | ASSY,BRKT,CNTRL BOX W/FASTNRS<br>No longer available (contact customer service) .....                                         | 1    |
| 3    | 1255018GT | BASE ENCLOSURE,RED,OPA .....                                                                                                  | 1    |
| 4    |           | SOUNDER,MIDI,OPA .....                                                                                                        | 1    |
| 5    |           | No longer available                                                                                                           |      |
| 5B   |           | SOUNDER LENS, OPA, BLUE<br>(standard lens fitted to OPA)No longer available (contact customer service) .....                  | 1    |
| 6    |           | SOUNDER LENS, OPA, RED<br>No longer available (contact customer service) .....                                                | 1    |
| 7    |           | STAND OFF,CONTROL UNIT<br>No longer available (contact customer service) .....                                                | 4    |
| 8    |           | BRACKET,CONTROL UNIT<br>No longer available (contact customer service) .....                                                  | 1    |
| 9    |           | SPACER,HEAT SINK<br>No longer available (contact customer service) .....                                                      | 1    |
| 10   |           | ASSY,MODULE,CONTROL UNIT,OPA<br>No longer available (contact customer service) .....                                          | 1    |
| 11   |           | MODULE,CONTROL UNIT,PCB,OPA<br>No longer available (contact customer service) .....                                           | 1    |
| 12   |           | NUT,M4 NYLOCK .....                                                                                                           | 4    |
| 13   |           | No longer available                                                                                                           |      |
| 14   | 1255027GT | WASHER,M4 NYLON .....                                                                                                         | 4    |
| 15   | 1255890GT | WASHER,M5 NYLON .....                                                                                                         | 4    |
| 16   |           | DECAL,COSMETIC,GENIE .....                                                                                                    | 1    |
| 17   |           | LID ENCLOSURE,RED,OPA .....                                                                                                   | 1    |
| 18   |           | No longer available                                                                                                           |      |
| 19   | 1255036GT | GASKET,ENCLOSURE .....                                                                                                        | 1    |
| 20   |           | No longer available                                                                                                           |      |
| 21   | 1255889GT | ASSEMBLY,TAPESWITCH<br>4-ft and 5-ft platforms; includes j-box and fastenersNo longer available (contact customer service) .. | 1    |
| 22   |           | ASSEMBLY RESET SWITCH .....                                                                                                   | 1    |
| 23   |           | ASSEMBLY,CABLE,TAPESWITCH<br>No longer available (contact customer service) .....                                             | 1    |
| 24   |           | DECAL,SYMBOL-READ THE MANUAL .....                                                                                            | 1    |
| 25   |           | SENSOR,RUBBER EDGE<br>4-ft and 5-ft platforms No longer available (contact customer service) .....                            | 1    |
| 26   |           | HARN,PIGTAIL,TAPESWITCH,OPA<br>No longer available (contact customer service) .....                                           | 1    |



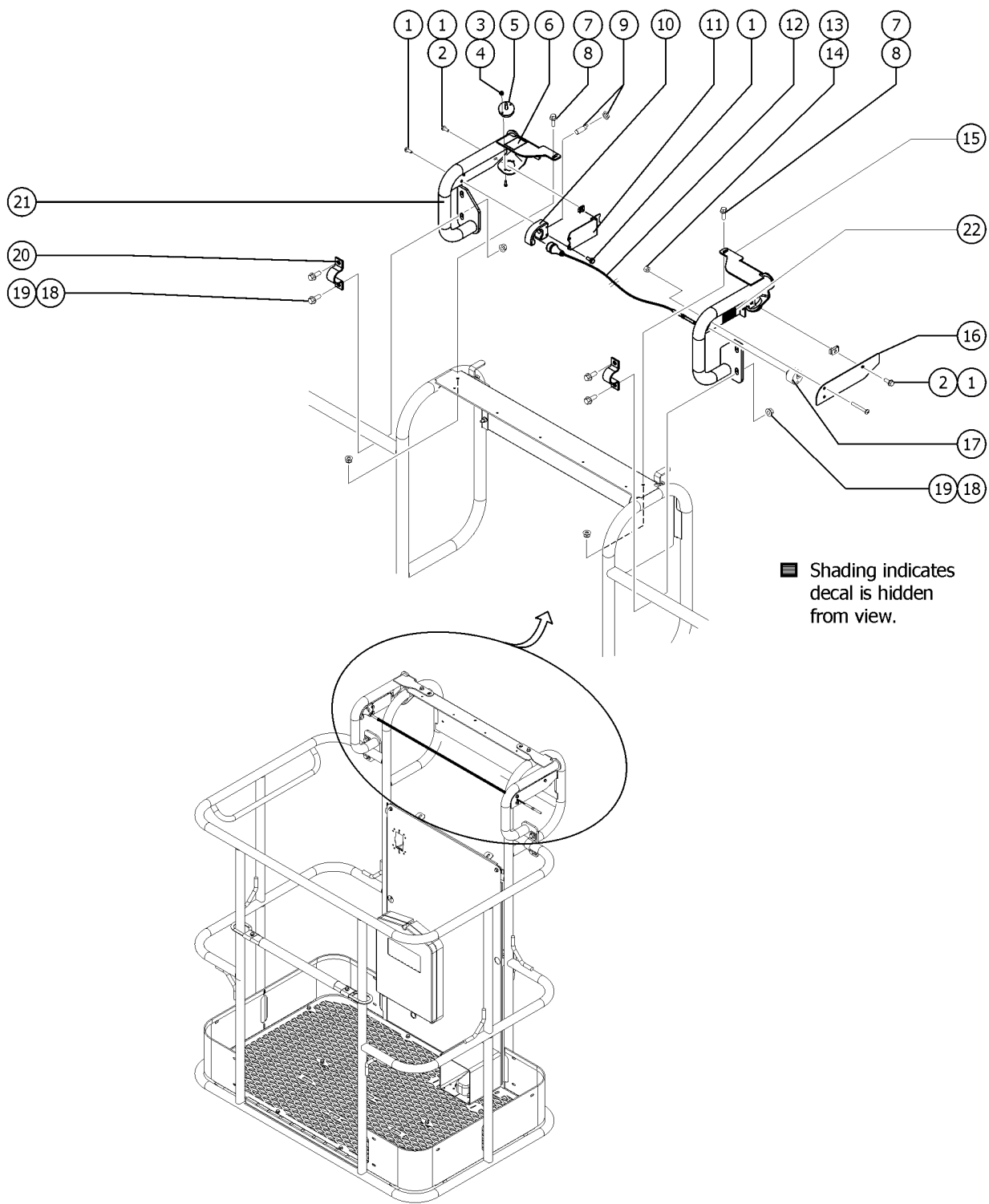
914.2 Lift Guard Contact Alarm (from January 2017)



## 914.2 Lift Guard Contact Alarm (from January 2017)

| Item | Part No.  | Description                                                                                                                                          | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| A-   |           | From January 2017, this option became a standard installation on all models unless the ...<br>customer specifically request not to have it installed |      |
| B-   | 1279136GT | KIT,LIFT GUARD CONTACT ALARM,4'-5' PLATFORM .....                                                                                                    |      |
| C-   | 1278450GT | HARNESS, CONTACT ALARM, Z30/34DC .....                                                                                                               |      |
|      |           | (to Z30ND-1815)                                                                                                                                      |      |
| D-   | 78098GT   | RELAY, 24VDC, 40/30A, SLD W/BRKT* .....                                                                                                              |      |
| E-   | 1278121GT | MODULE, PLUS+1, OPA2 .....                                                                                                                           |      |
|      |           | located inside the Platform Control Box, to Z30ND-1815                                                                                               |      |
| F-   | 1310492GT | HARNESS, CONTACT ALARM GEN II, Z30/34DC .....                                                                                                        |      |
|      |           | (from Z30ND-1816 to Z30ND-2662)                                                                                                                      |      |
| G-   | 1308388GT | MODULE, CONTACT ALARM GEN II, CURTIS 1352-4002 .....                                                                                                 |      |
|      |           | (from Z30ND-1816 to Z30ND-2662)                                                                                                                      |      |
| H-   | 1330146GT | HARNESS, CONTACT ALARM GEN III, Z30/34DC .....                                                                                                       |      |
|      |           | (from SN Z30ND-2663)                                                                                                                                 |      |
| 1    | 1264934GT | SCREW,HHF,10-24X.5 .....                                                                                                                             |      |
| 2    | 73575GT   | SPRING CLIP,10-24,.025-.125X.468,ZAG .....                                                                                                           |      |
| 3    | 12344GT   | NUT,NYLOCK,6-32 .....                                                                                                                                |      |
| 4    | 1256859GT | SCREW,PHPM,6-32X.875,ZAG .....                                                                                                                       |      |
| 5    | 1278111GT | ASSEMBLY, LIGHT, CONTACT ALARM .....                                                                                                                 | 2    |
| 5B   | 1285850GT | ASSEMBLY,AMBER LIGHTS,CONTACT .....                                                                                                                  |      |
|      |           | (to Z30ND-1815)                                                                                                                                      |      |
| 5C   | 1308384GT | ASSY, LIGHTS, 12/24 V CONTACT ALARM, AMBER .....                                                                                                     | 2    |
|      |           | (from Z30ND-1816)                                                                                                                                    |      |
| 6    | 1278542GT | DECAL, INSTRUCTION, CONTACT ALARM .....                                                                                                              |      |
| 7    | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....                                                                                                                     |      |
| 8    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....                                                                                                                    |      |
| 9    | 1278119GT | ASSEMBLY,SENSOR, PROX,CONTACT ALARM .....                                                                                                            | 1    |
| 10   | 1278433GT | ASSY SENSOR W/HOUSING .....                                                                                                                          |      |
|      |           | (Includes holder item 1277877 and sensor part 1278119)                                                                                               |      |
| 10-  | 1277877GT | HOLDER, SENSOR .....                                                                                                                                 | 1    |
| 11   | 1277873GT | FORMING, SENSOR HOLDER .....                                                                                                                         | 1    |
| 12   | 1278417GT | ASSEMBLY, OPA CABLE, SMALL .....                                                                                                                     | 1    |
|      |           | (to Z30ND-1815)                                                                                                                                      |      |
| 12-  | 1278124GT | MAGNET, 1/4-20, 15 LB. ....                                                                                                                          |      |
|      |           | Part of assembly 1278417                                                                                                                             |      |
| 12-  | 1278459GT | OPA WIRE ASSY, SMALL .....                                                                                                                           |      |
|      |           | Part of assembly 1278417                                                                                                                             |      |
| 12-  | 1278368GT | GRIP, CABLE .....                                                                                                                                    |      |
|      |           | Part of assembly 1278417                                                                                                                             |      |
| 12-  | 1261184GT | NUT,1/4-20,8,ZAG .....                                                                                                                               |      |
|      |           | Part of assembly 1278417                                                                                                                             |      |
| 12B  | 1310485GT | ASSEMBLY, CONTACT ALARM CABLE, SMALL .....                                                                                                           | 1    |
|      |           | (from Z30ND-1816)                                                                                                                                    |      |

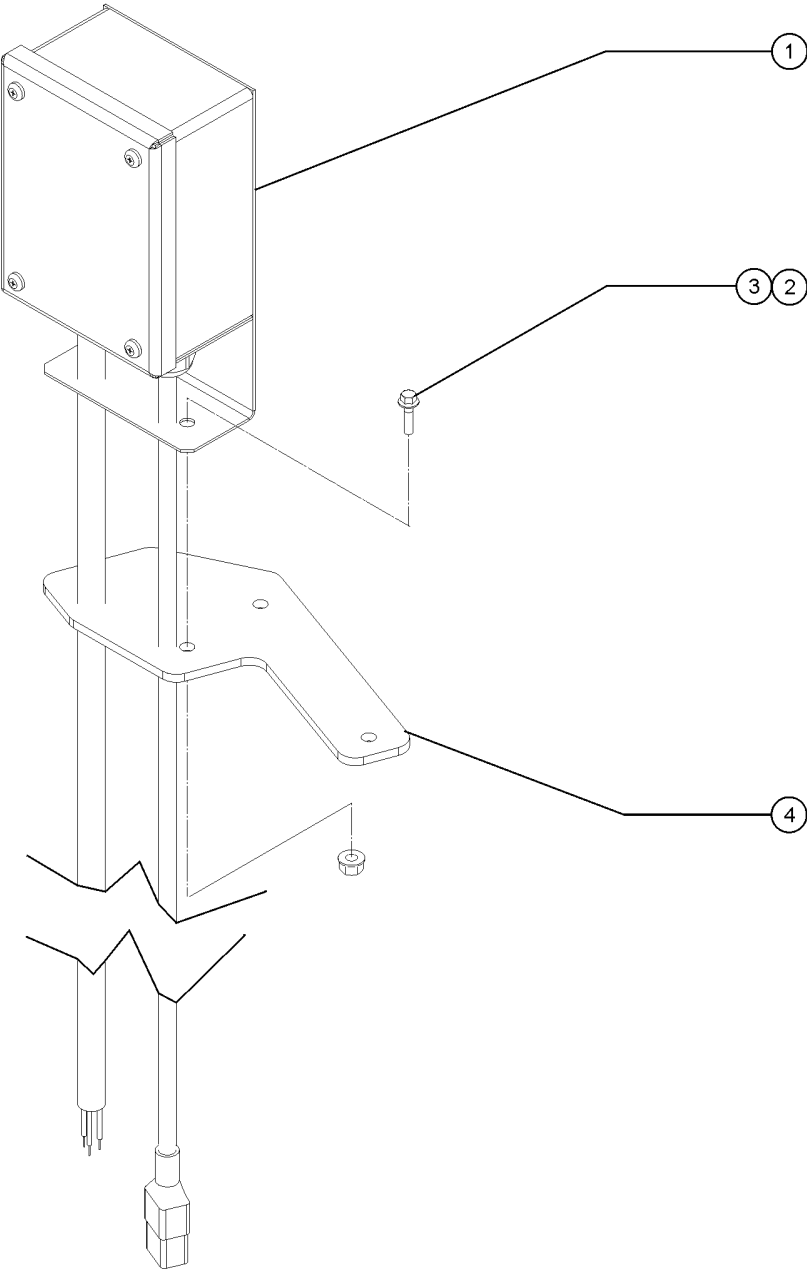
914.2 Lift Guard Contact Alarm (from January 2017)



## 914.2 Lift Guard Contact Alarm (from January 2017)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                               | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------|-------------|
| 13          | 825352GT        | SCREW,PHPM,10-32X1.25,ZAG .....                  |             |
| 14          | 1264261GT       | NUT,SERRATED,10-32,ZAG .....                     |             |
| 15          | 1278175GT       | WELDMENT, RIGHT OPA, SMALL .....                 | 1           |
|             |                 | (to Z30ND-1815)                                  |             |
| 15B         | 1310342GT       | WELDMENT, RIGHT CONTACT ALARM, SMALL .....       | 1           |
|             |                 | (from Z30ND-1816)                                |             |
| 16          | 1277875GT       | PLATE, CABLE AND WIRE COVER .....                | 1           |
| 17          | 1277876GT       | GUIDE, CABLE .....                               | 1           |
| 18          | 1274322GT       | NUT,NYLOCK FLG,3/8-16,F,ZAG .....                |             |
| 19          | 824090GT        | SCREW,HHF,3/8-16X1,8,ZAG .....                   |             |
| 20          | 1278363GT       | CLAMP, 1.25 INCH TUBE .....                      | 2           |
| 21          | 1278177GT       | WELDMENT, LEFT OPA, SMALL .....                  | 1           |
|             |                 | (to Z30ND-1815)                                  |             |
| 21B         | 1310345GT       | WELDMENT, LEFT CONTACT ALARM, SMALL .....        | 1           |
|             |                 | (from Z30ND-1816)                                |             |
| 22          | 1278982GT       | DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET ..... | 1           |

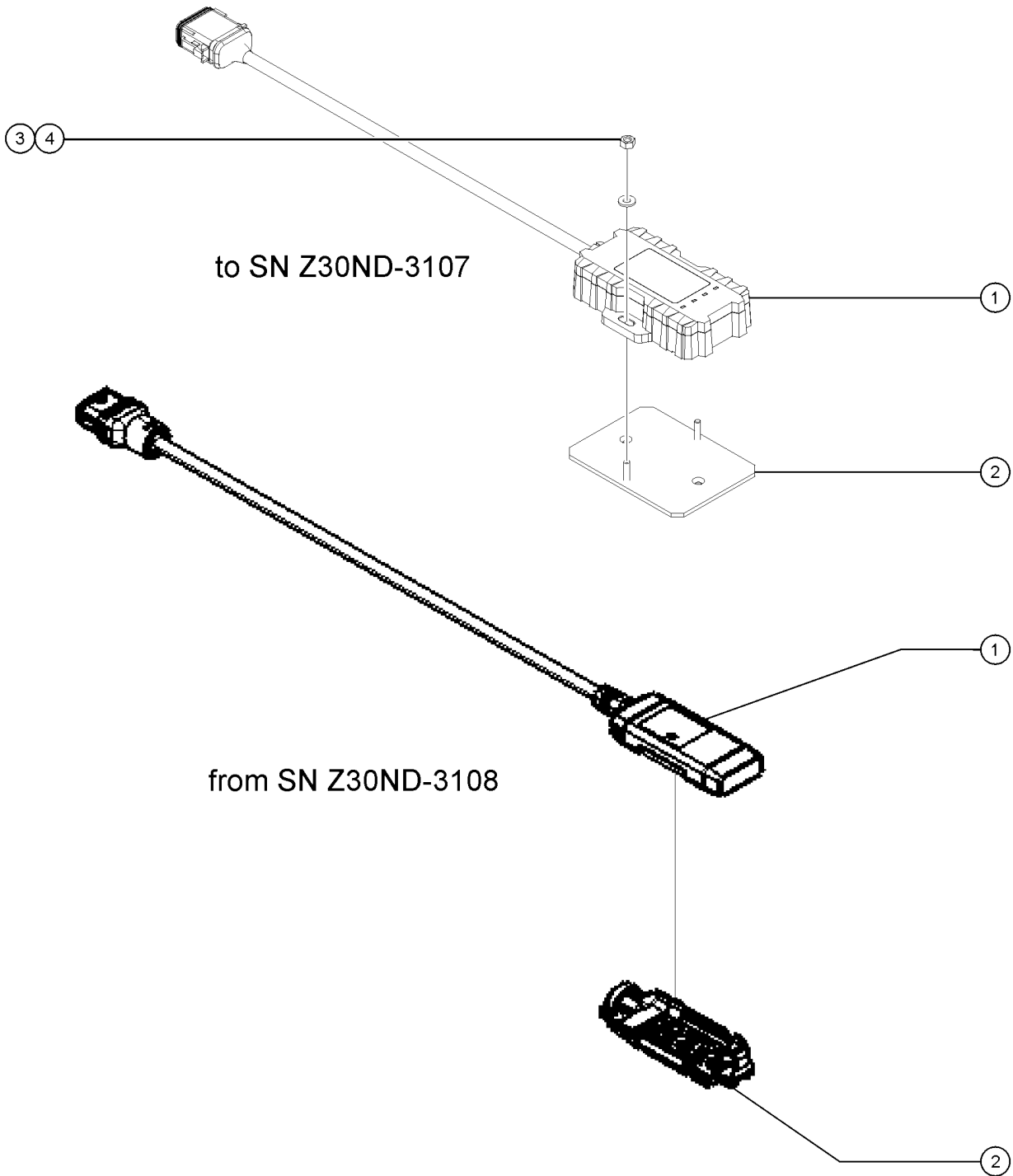
915.1 Charger Protector



915.1 Charger Protector

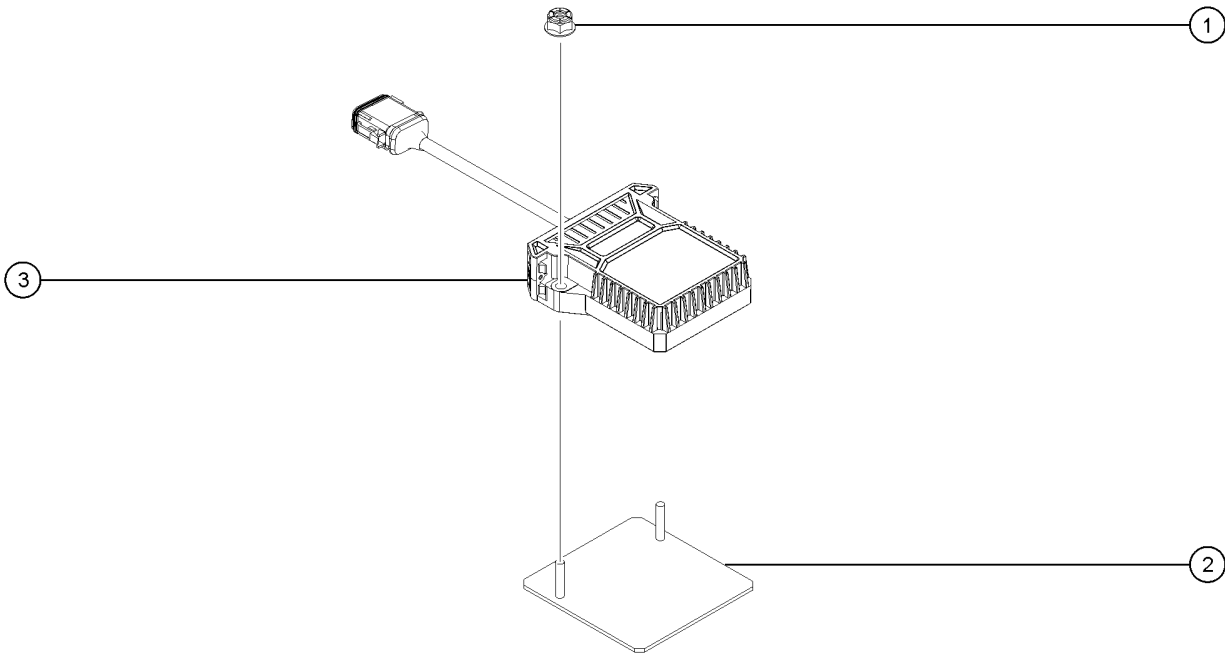
| Item | Part No.  | Description                               | Qty. |
|------|-----------|-------------------------------------------|------|
| 1    | 1272235GT | ASSY, VOLTAGE PROTECTOR BOX, Z30/34 ..... | 1    |
| 2    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....            | 2    |
| 3    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....         | 2    |
| 4    | 1276038GT | PLATE,CHARGER PROTECTOR .....             | 1    |
|      |           | US part number                            |      |
| 4B   | 1281325GT | PLATE,CHARGER PROTECTOR, METRIC .....     | 1    |
|      |           | China part number                         |      |





## 916.1 Telematics Option

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                                                                                          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| -           | 1293476GT       | HARNESS, RETROFIT, 24" M7<br>for units after SN Z30N15D-101 for first time insulation, must order this Harness with one of<br>the models 1313592GT, 1289522GT, or 1289523GT | 1           |
|             | 1331242GT       | RIVET, AL, AL, DOME, 1/8"X.25" .....<br>from SN Z30ND-3108                                                                                                                  |             |
| 1           | 1313592GT       | MODULE, ASSY,TELEMATICS, ZTR, M7, GLOBAL .....<br>(North America and EMEA/APAC), (to SN Z30ND-3107)                                                                         | 1           |
| 1B          | 1289522GT       | MODULE, TELEMATICS, ZTR, M7, APAC/ANZ .....<br>(APAC/ANZ), (to SN Z30ND-3107)                                                                                               |             |
| 1C          | 1289523GT       | MODULE,TELEMATICS,ZTR,M7,JAPAN .....<br>(Japan), (to SN Z30ND-3107)                                                                                                         |             |
| 1D          | 1332235GT       | MODULE, TELEMATICS, TU700 .....<br>from SN Z30ND-3108                                                                                                                       |             |
| 2           | 1307200GT       | BRACKET, TELEMATICS .....<br>to SN Z30ND-3107                                                                                                                               | 1           |
| 2B          | 1333319GT       | BRACKET, TELEMATICS .....<br>from SN Z30ND-3108                                                                                                                             | 1           |
| 3           | 1271081GT       | NUT,NYLOCK,8-32,8,ZAG .....<br>from SN Z30ND-3108                                                                                                                           | 2           |
| 4           | 1257390GT       | WASHER,FLAT,#8,SAE,ZAG .....<br>from SN Z30ND-3108                                                                                                                          | 2           |

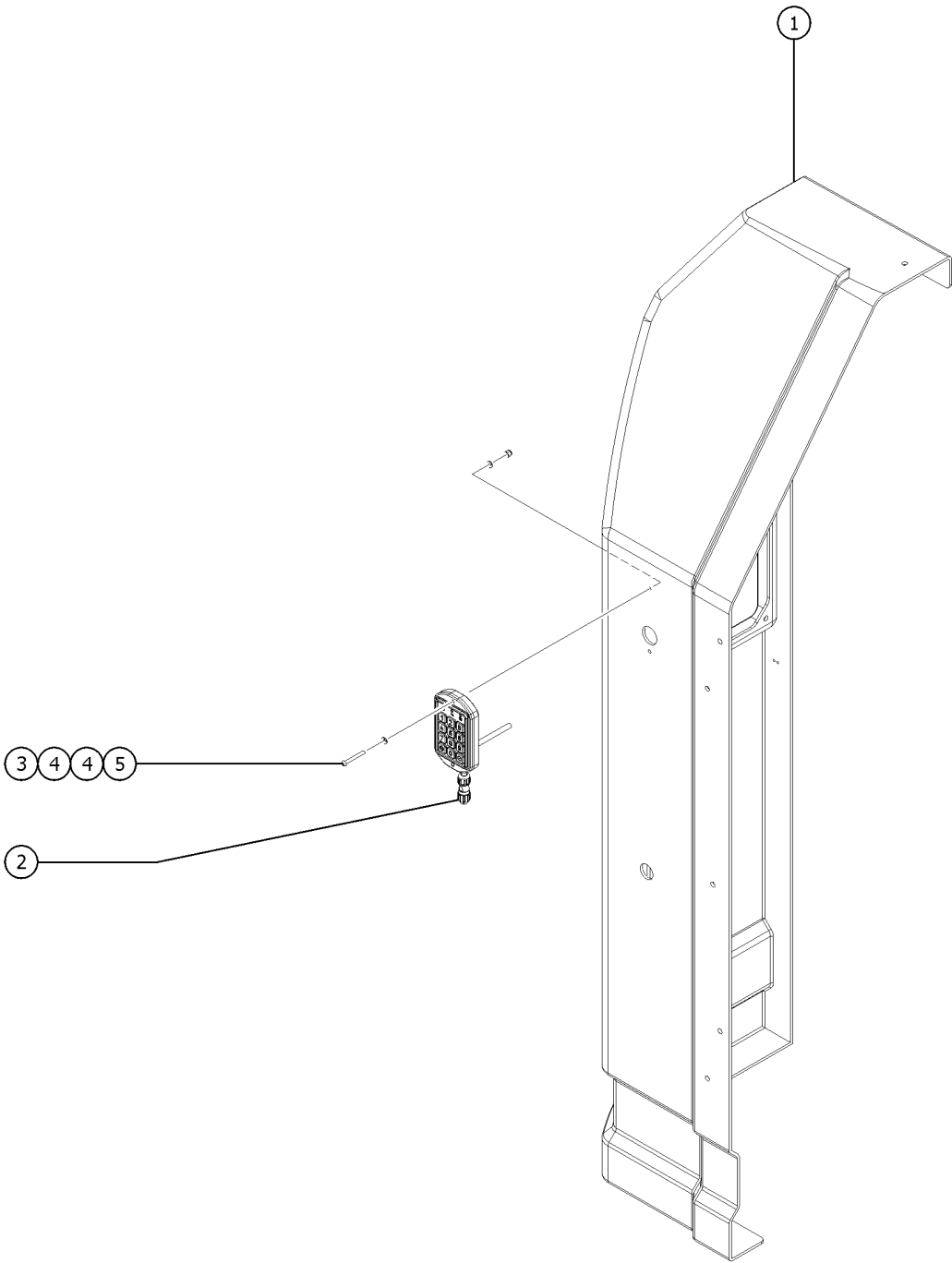


916.2 China Telematics Option, TZ200, STD

| Item | Part No.  | Description                               | Qty. |
|------|-----------|-------------------------------------------|------|
| 1    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....         | 2    |
| 2    | 1305593GT | BRACKET,CHINA TELEMATICS,COMMON .....     | 1    |
| 3    | 1313614GT | MODULE, TELEMATICS, TIZALINK, CHINA ..... | 1    |



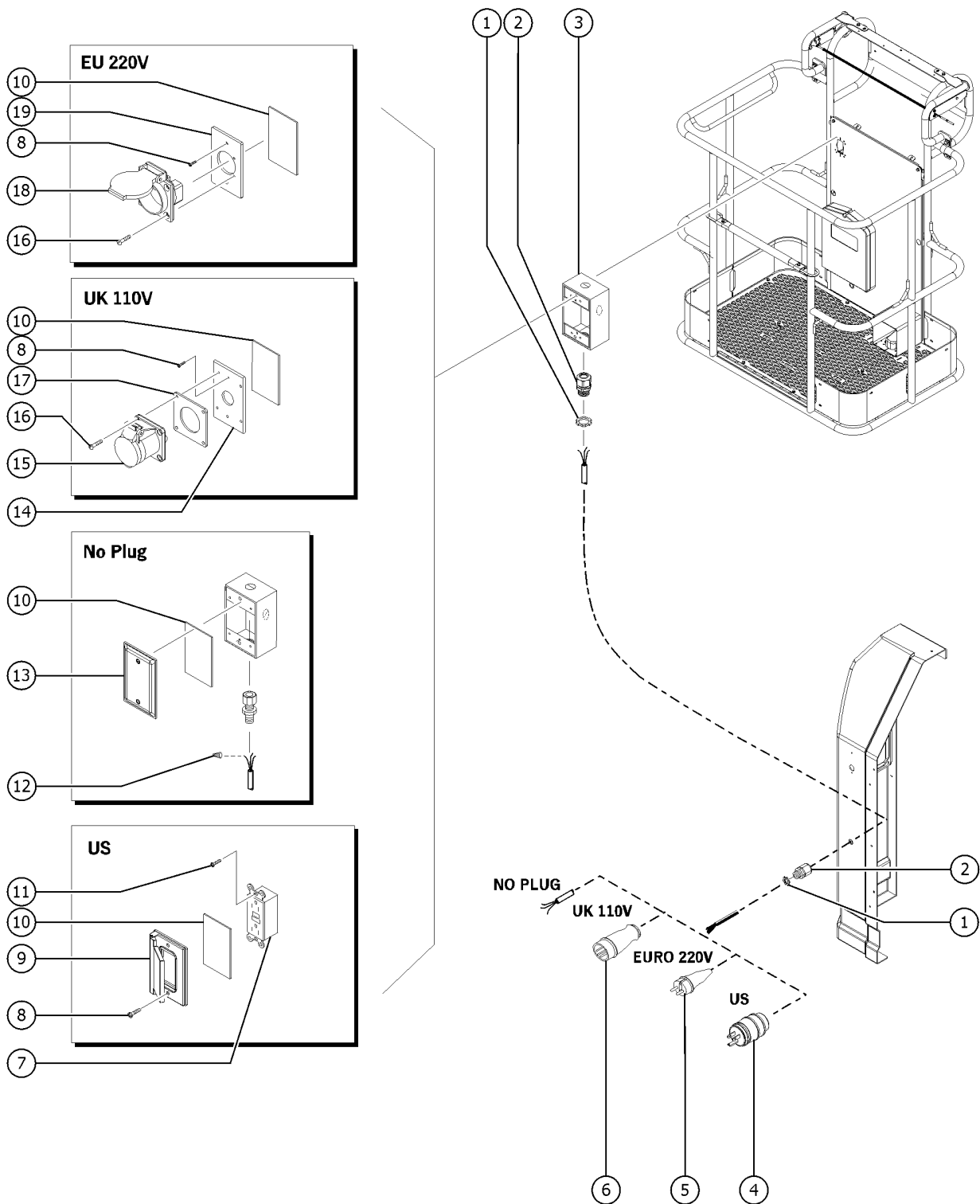
917.1 ACCESS MANAGER OPTION



## 917.1 ACCESS MANAGER OPTION

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                         | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------|-------------|
| 1           |                 | Ref. Cover, Tank Side .....<br>(refer to 305.1)            |             |
| 2           | 1296895GT       | KEYPAD, ACCESS MANAGEMENT, LIFT CONNECT .....              | 1           |
| 2-          | 1309221GT       | HARNESS, ACCESS MANAGEMENT, 8", NON-CAN .....<br>NOT SHOWN | 1           |
| 2-          | 1273629GT       | WIRE CLAMP, ADHESIVE, ADJUSTABLE, 7/16" .....<br>NOT SHOWN | 4           |
| 2-          | 6578GT          | CABLE TIE, 7 3/8" .....<br>NOT SHOWN                       | 2           |
| 3           | 1256698GT       | SCREW,PHPM SEMS ET,8-32X1.5,ZA .....                       | 2           |
| 4           | 1257390GT       | WASHER,FLAT,#8,SAE,ZAG .....                               | 4           |
| 5           | 1271081GT       | NUT,NYLOCK,8-32,8,ZAG .....                                | 2           |

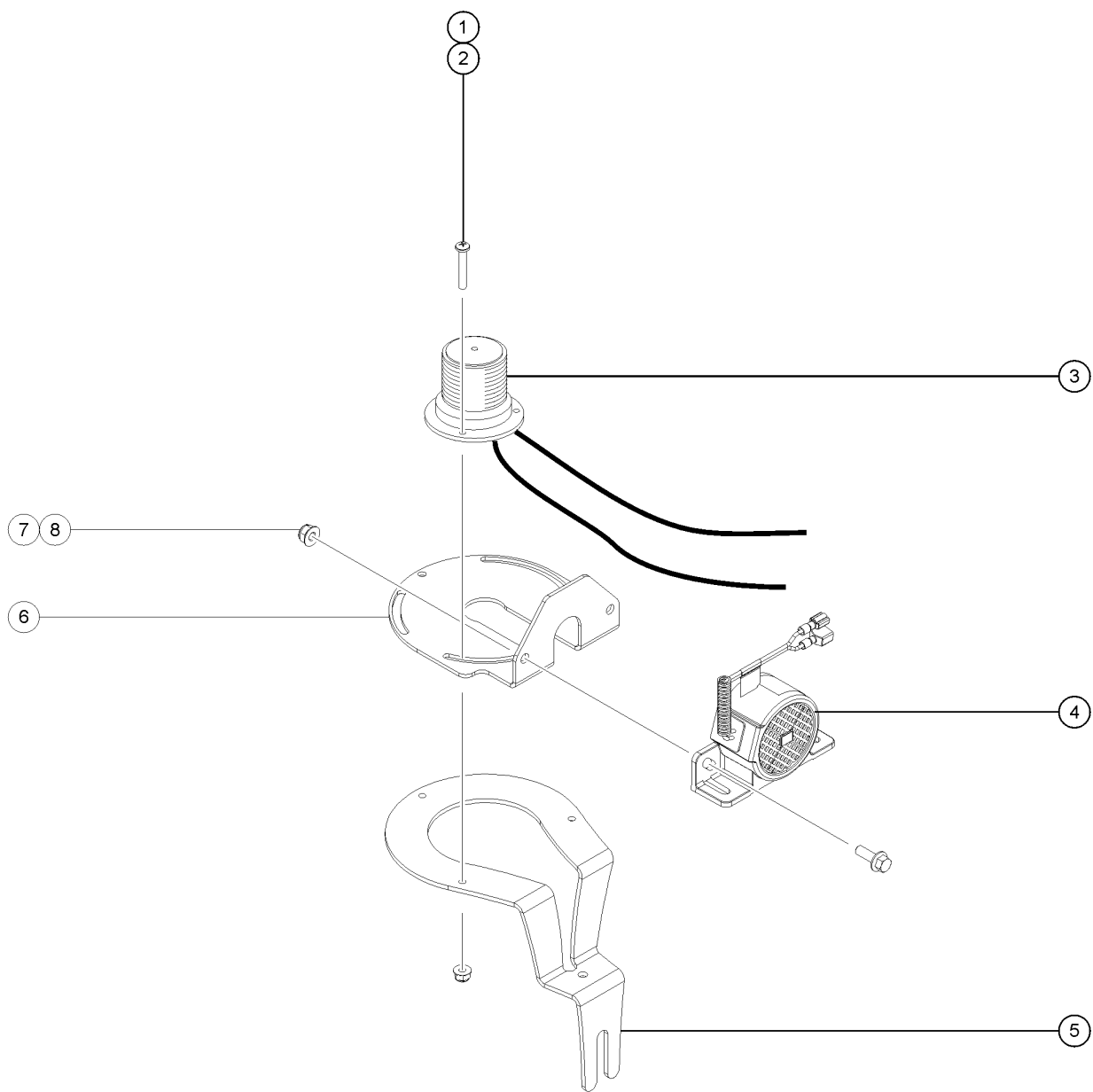
918.1 Power To Platform OPTION



## 918.1 Power To Platform OPTION

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                        | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------|-------------|
| 1           | 6935GT          | LOCKNUT,CONN, SQZ, 1/2NPT .....           | 2           |
| 2           | 7056GT          | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....     | 2           |
| 3           | 1310378GT       | T-BOX, 2.75 X 4.5 X 2.0** .....           | 1           |
| 4           | 119403GT        | CONN,PLUG 120 AC/15A DOMESTIC .....       | 1           |
| 5           | 1280665GT       | PLUG, TYPE F, 230V, 50HZ, 16A, IP44 ..... | 1           |
| 6           | 144161GT        | PLUG,POWER,UK,16AMP,3PIN .....            | 1           |
| 7           | 13585GT         | OUTLET 110V .....                         | 1           |
| 8           | 824214GT        | SCREW,PHPM,6-32X.50,ZAG .....             |             |
| 9           | 74006GT         | COVER,GFCI,HORIZONTAL,WEATHER .....       | 1           |
| 10          | 74052GT         | MAGNET, 1/4-20, 15 LB. ....               |             |
| 11          | 7127GT          | SCREW, PHILLIPS, PHM, 6-32 X .75 .....    | 2           |
| 12          | 6626GT          | WIRE CAP, ORANGE .....                    | 1           |
| 13          | 10777GT         | COVER, BLANK .....                        | 1           |
| 14          | T112561GT       | PLATE,UK POWER TO PLATFORM .....          | 1           |
| 15          | T112560GT       | RECEPTACLE,UK,110 VOLT .....              | 1           |
| 16          | 1255788GT       | SCREW,FHPM,8-32X.375,ZAG .....            |             |
| 17          | 66356GT         | GASKET, UK RECEPTACLE .....               | 1           |
| 18          | 66353GT         | RECEPTACLE, DIN, 220V 50A .....           | 1           |
| 19          | 236966GT        | PLATE,EURO POWER TO PLATFORM .....        | 1           |

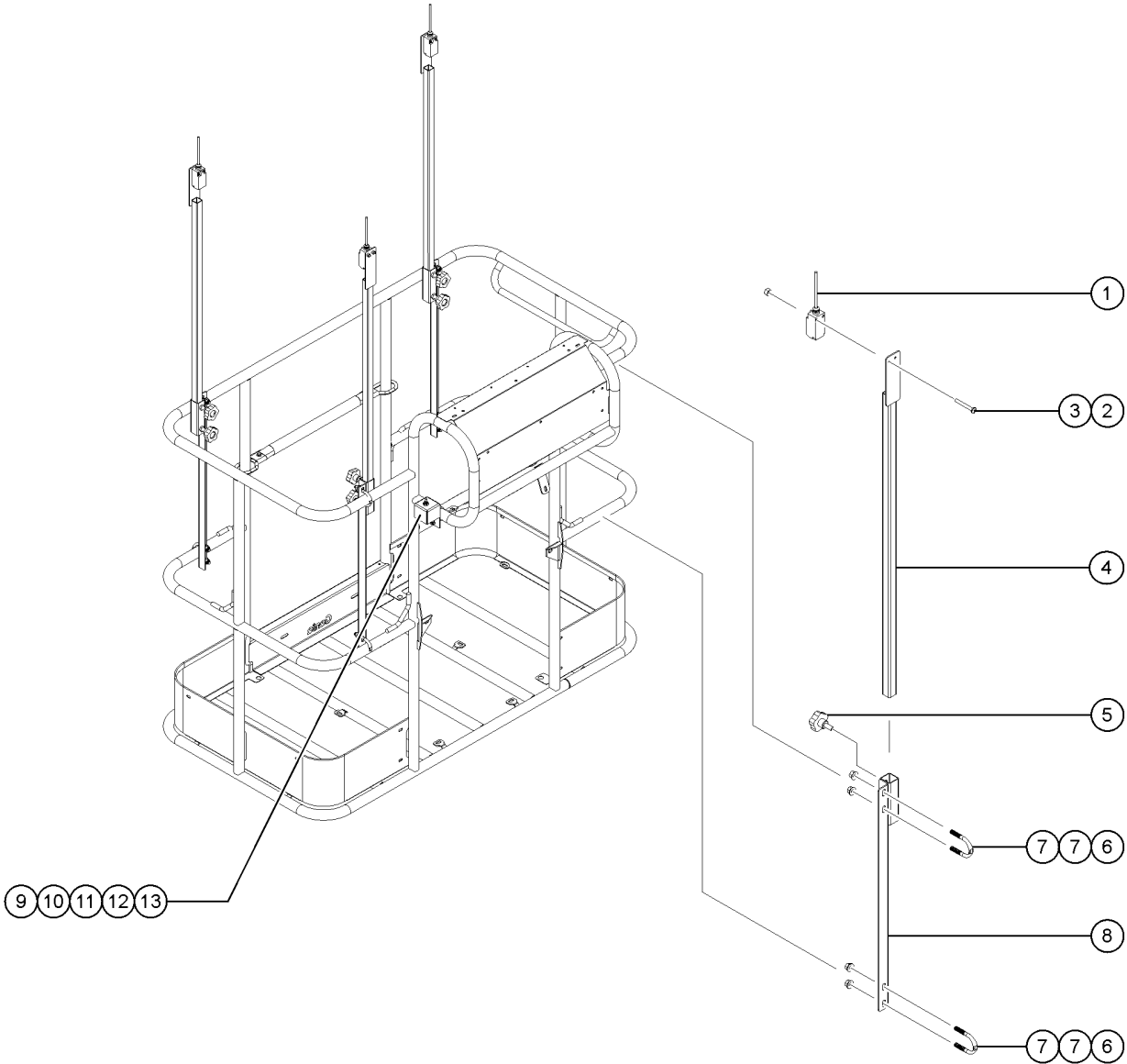
919.1 White Noise Alarm option



## 919.1 White Noise Alarm option

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                       | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------|-------------|
| 1           | 824215GT        | SCREW, PHPM, 10-32 X .75, ZAG .....      | 3           |
| 2           | 824032GT        | NUT, TL FLG, 10-32, F, ZAG .....         | 3           |
| 3           |                 | Ref. Beacon Light .....                  |             |
|             |                 | refer to 901.1                           |             |
| 4           | 1315359GT       | ASSEMBLY, ALARM, WHITE NOISE, 97dB ..... | 1           |
| 5           |                 | Ref. Bracket, Beacon Light .....         |             |
|             |                 | refer to 901.1                           |             |
| 6           | 1316333GT       | BRACKET, WHITE NOISE ALARM, BOOMS .....  | 1           |
| 7           | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....        | 2           |
| 8           | 824078GT        | SCREW,HHF,1/4-20X.75,8,ZAG .....         | 2           |

920.1 Secondary guarding option



## 920.1 Secondary guarding option

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                             | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------|-------------|
| -           | 1328324GT       | HARNESS, SECONDARY GUARDING .....              | 1           |
| -           | 1328645GT       | FOOTSWITCH RECOVERY .....                      | 1           |
| 1           | 1328323GT       | ASSEMBLY, LIMIT SWITCH, BOOMS .....            | 1           |
| 1-          | 39907GT         | WIRE CABLE, 18/2 SJO, BULK .....               | 85          |
| 1-          | 1275412GT       | TERMINAL,BULLET RECEP 1 PIN, 18-16GA .....     | 1           |
| 1-          | 1275413GT       | TERMINAL,BULLET PLUG 1 PIN, 18-16GA .....      | 1           |
| 1-          | 76450GT         | CONN.SQZ,PG 11,.07-.26,W/ORING .....           | 1           |
| 1-          | 1282133GT       | LIMIT SWITCH, ZCP29+ZCE08+ZCPEG11 .....        | 1           |
| 2           | 824216GT        | SCREW, PHPM, 10-32 X 1.5, ZAG .....            | 2           |
| 3           | 1274168GT       | NUT,NYLOCK,10-32,A,ZAG .....                   | 2           |
| 4           | 1329147GT       | WELDMENT,INSIDE UPRIGHT,BOOM .....             | 1           |
| 5           | 1279778GT       | 5-LOBE-KNOB 3/8-16X1 .....                     | 2           |
| 6           | 1251600GT       | U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC,ZAG ..... | 2           |
| 7           | 1274322GT       | NUT,NYLOCK FLG,3/8-16,F,ZAG .....              | 4           |
| 8           | 1329144GT       | WELDMENT,OUTSIDE UPRIGHT ,BOOM .....           | 1           |
| 9           | 1328584GT       | COVER, SWITCH TOGGLE .....                     | 1           |
| 10          | 128203GT        | SWITCH TOGGLE ASSY SPDT 2P MOM .....           | 1           |
| 11          | 1278363GT       | CLAMP, 1.25 INCH TUBE .....                    | 1           |
| 12          | 1256855GT       | SCREW,HHF,1/4-20X.625,8,ZAG .....              | 2           |
| 13          | 1277924GT       | NUT,NYLOCK FLG,1/4-20,F,ZAG .....              | 2           |

| <b>Part no.</b> | <b>Page Number</b>            | <b>Part no.</b> | <b>Page Number</b>    | <b>Part no.</b> | <b>Page Number</b>        |
|-----------------|-------------------------------|-----------------|-----------------------|-----------------|---------------------------|
| 1268GT          | 11                            | 19436GT         | 63                    | 27904GT         | 169                       |
| 1484GT          | 11                            | 19470GT         | 155                   | 28161GT         | 15, 17                    |
| 5397GT          | 67, 181                       | 19491GT         | 91, 99, 103, 115, 121 | 28164GT         | 15, 31                    |
| 6019GT          | 129                           | 19506GT         | 75                    | 28165GT         | 19                        |
| 6021GT          | 129                           | 19520GT         | 63                    | 28171GT         | 15, 23                    |
| 6090GT          | 137                           | 19712GT         | 145                   | 28174GT         | 15, 19, 23, 27, 31, 35... |
| 6146GT          | 181                           | 19713GT         | 145                   | 28175GT         | 13                        |
| 6356GT          | 137                           | 19721GT         | 145                   | 28176GT         | 19                        |
| 6578GT          | 169, 181, 209                 | 19722GT         | 145                   | 28177GT         | 19                        |
| 6607GT          | 129                           | 19789GT         | 153                   | 28181GT         | 17                        |
| 6626GT          | 211                           | 20224GT         | 155                   | 28235GT         | 15, 19, 23, 27, 31, 35... |
| 6638GT          | 137, 171                      | 20973GT         | 185                   | 28236GT         | 19, 35                    |
| 6782GT          | 181                           | 21166GT         | 45                    | 28298GT         | 69                        |
| 6833GT          | 105, 127                      | 21427GT         | 145                   | 28372GT         | 13, 29                    |
| 6935GT          | 83, 133, 177, 211             | 21618GT         | 169                   | 28750GT         | 11, 149                   |
| 7056GT          | 63, 93, 103, 113, 121, 133... | 21858GT         | 141                   | 29032GT         | 151                       |
| 7127GT          | 211                           | 21982GT         | 75                    | 29080GT         | 101                       |
| 8910GT          | 55, 63                        | 22262GT         | 59                    | 29868GT         | 55, 91, 121               |
| 8914GT          | 171                           | 22263GT         | 59                    | 30222GT         | 107, 117                  |
| 10107GT         | 181                           | 22359GT         | 99, 103, 115          | 30489GT         | 195                       |
| 10775GT         | 133                           | 22794GT         | 65                    | 30577GT         | 195                       |
| 10777GT         | 133, 211                      | 22811GT         | 49                    | 30807P-SGT      | 131                       |
| 12344GT         | 199                           | 23083-SGT       | 171, 181, 183         | 30971GT         | 195                       |
| 13002GT         | 55                            | 23404GT         | 59, 71, 75, 143, 187  | 30997GT         | 143                       |
| 13037-SGT       | 75                            | 23405GT         | 59                    | 31060GT         | 13, 17, 29, 31, 33, 35    |
| 13097GT         | 171                           | 23869GT         | 171                   | 31106GT         | 93, 107, 123              |
| 13268GT         | 141, 179                      | 24514GT         | 133                   | 31194GT         | 65, 161                   |
| 13471GT         | 77                            | 25388GT         | 83                    | 31508GT         | 13, 29                    |
| 13480-SGT       | 77                            | 25683GT         | 97, 125               | 31527GT         | 151                       |
| 13511GT         | 75                            | 25685GT         | 177                   | 31785GT         | 13, 29                    |
| 13585GT         | 133, 211                      | 25817GT         | 45                    | 31787GT         | 13, 29                    |
| 13825GT         | 167, 177                      | 27246GT         | 75, 77, 181           | 31788GT         | 13, 29                    |
| 13826GT         | 177                           | 27391GT         | 185                   | 32150GT         | 11                        |
| 13930GT         | 75                            | 27489GT         | 181, 183              | 32151GT         | 11                        |
| 15243GT         | 141                           | 27564GT         | 15                    | 32710GT         | 131                       |
| 16397-SGT       | 75                            | 27581GT         | 11                    | 32728GT         | 19, 27, 35, 43            |
| 18396GT         | 97, 125                       | 27894GT         | 169                   | 33576GT         | 131                       |
| 18503GT         | 55                            | 27895GT         | 169                   | 33759GT         | 133                       |
| 18666GT         | 141                           | 27900GT         | 169                   | 33994GT         | 11, 149                   |
| 18963GT         | 85                            | 27901GT         | 169                   | 34052GT         | 185                       |
| 19018GT         | 71, 171                       | 27902GT         | 169                   | 34053GT         | 185                       |
| 19268GT         | 75                            | 27903GT         | 169                   | 34245GT         | 97, 119, 125              |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u>      | <u>Part no.</u> | <u>Page Number</u>        |
|-----------------|--------------------|-----------------|-------------------------|-----------------|---------------------------|
| 34619GT         | 173, 177           | 36612GT         | 51                      | 42929GT         | 109                       |
| 35088GT         | 109                | 36620GT         | 91, 121                 | 42939-5400GT    | 121                       |
| 35434GT         | 195                | 36648GT         | 103, 113                | 42939-18700GT   | 91                        |
| 35542GT         | 13                 | 37052GT         | 19                      | 42939GT         | 109, 117, 119             |
| 35675GT         | 111, 113, 119      | 37053GT         | 13, 21, 29, 37          | 43038GT         | 145                       |
| 35678GT         | 147                | 37054GT         | 13, 21, 29, 37          | 43040GT         | 145                       |
| 35679GT         | 147                | 37055GT         | 13, 21, 29, 37          | 43042GT         | 145                       |
| 35680GT         | 137, 147           | 37056GT         | 13, 21, 29, 37          | 43179GT         | 59                        |
| 35956GT         | 183                | 37100GT         | 45                      | 43392GT         | 175                       |
| 36054-SGT       | 107, 119           | 37127GT         | 93                      | 43599GT         | 151                       |
| 36086GT         | 79                 | 37184GT         | 81                      | 43937GT         | 99, 129                   |
| 36163-SGT       | 45                 | 37185GT         | 81                      | 43956GT         | 83, 87, 133               |
| 36179GT         | 81                 | 37186GT         | 81                      | 43960GT         | 65, 131                   |
| 36192GT         | 101, 113           | 37187GT         | 81                      | 44133GT         | 95, 123                   |
| 36194GT         | 97, 99, 125, 129   | 37191GT         | 81                      | 44248GT         | 19                        |
| 36198GT         | 99, 129            | 37192GT         | 81                      | 44743GT         | 133                       |
| 36199GT         | 109, 117           | 37947GT         | 75                      | 44777GT         | 79                        |
| 36202GT         | 97, 125            | 38113GT         | 49                      | 44778GT         | 49, 79                    |
| 36205GT         | 97, 125            | 38149GT         | 31, 39                  | 44788GT         | 11, 81                    |
| 36211GT         | 47                 | 38681GT         | 131                     | 44956GT         | 153                       |
| 36212GT         | 55                 | 39223GT         | 79                      | 44980GT         | 13, 29, 37                |
| 36235GT         | 143                | 39640GT         | 71                      | 44981GT         | 15, 19, 23, 27, 31, 35... |
| 36245GT         | 97, 125            | 39907GT         | 215                     | 44986GT         | 19                        |
| 36246GT         | 97, 125            | 40145GT         | 45                      | 45043GT         | 45                        |
| 36257GT         | 83                 | 40146GT         | 45                      | 45071GT         | 45, 97, 99, 113, 125, 129 |
| 36269GT         | 53                 | 40410GT         | 151                     | 45074GT         | 47                        |
| 36355GT         | 59, 179            | 40413GT         | 149, 151, 153, 155, 157 | 45107GT         | 45                        |
| 36369GT         | 55                 | 40434GT         | 19, 27                  | 45108GT         | 45                        |
| 36388GT         | 69, 85             | 40446GT         | 91, 121                 | 45110GT         | 47                        |
| 36389GT         | 97, 125            | 40447GT         | 91, 99, 121, 129        | 45111GT         | 45                        |
| 36390GT         | 97, 125            | 40609GT         | 167                     | 45112GT         | 45                        |
| 36391GT         | 83                 | 42019GT         | 79                      | 45113GT         | 45                        |
| 36392GT         | 85                 | 42363GT         | 65                      | 45114GT         | 45                        |
| 36414GT         | 83                 | 42413GT         | 93, 121                 | 45209GT         | 55                        |
| 36415GT         | 85                 | 42439GT         | 69                      | 45383GT         | 137                       |
| 36456GT         | 59, 81             | 42502GT         | 101                     | 45454GT         | 169                       |
| 36457GT         | 83                 | 42609GT         | 93, 123                 | 45462GT         | 85                        |
| 36555GT         | 11                 | 42610PGT        | 93                      | 45544GT         | 153                       |
| 36561-SGT       | 109, 117           | 42611GT         | 93                      | 45840GT         | 137                       |
| 36570GT         | 83                 | 42617GT         | 141                     | 45873GT         | 45                        |
| 36574GT         | 85                 | 42781GT         | 141                     | 45912GT         | 153                       |
| 36575GT         | 85                 | 42797GT         | 109, 119                | 45921GT         | 151                       |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u>              | <u>Part no.</u> | <u>Page Number</u>             |
|-----------------|--------------------|-----------------|---------------------------------|-----------------|--------------------------------|
| 46468GT         | 19, 27, 35, 43     | 51147GT         | 63                              | 56361GT         | 101, 113                       |
| 47377GT         | 99, 107, 109, 129  | 52087GT         | 49                              | 56418GT         | 185                            |
| 48504GT         | 79                 | 52339GT         | 153                             | 56424GT         | 185                            |
| 48731GT         | 31                 | 52475GT         | 29, 37                          | 56425GT         | 187                            |
| 48732GT         | 29, 37             | 52598GT         | 155                             | 56426-576GT     | 185                            |
| 48773GT         | 165                | 52599GT         | 149, 151, 155                   | 56445GT         | 75                             |
| 48875GT         | 161                | 52601GT         | 149, 151                        | 56461GT         | 55                             |
| 48880GT         | 155                | 52603GT         | 149                             | 56465PGT        | 131                            |
| 48890GT         | 165                | 52604GT         | 149                             | 56500-SGT       | 107, 135                       |
| 48904GT         | 161                | 52625GT         | 129                             | 56525GT         | 171                            |
| 48905GT         | 159, 165           | 52715GT         | 153                             | 56561GT         | 59                             |
| 48906GT         | 161                | 52865GT         | 31                              | 56562GT         | 59                             |
| 48912GT         | 161, 165           | 52885GT         | 151, 155                        | 56570GT         | 171                            |
| 48915GT         | 161                | 52892GT         | 145                             | 56656PGT        | 131                            |
| 48916GT         | 159, 163, 165      | 52895GT         | 145                             | 56663GT         | 141                            |
| 48927GT         | 165                | 52913GT         | 81                              | 56791GT         | 71                             |
| 48931GT         | 161                | 52914GT         | 81                              | 56831GT         | 49                             |
| 48932GT         | 161                | 52915GT         | 79                              | 56849GT         | 103, 113                       |
| 48937GT         | 161                | 52928GT         | 145                             | 56875GT         | 71                             |
| 48938GT         | 161                | 52943GT         | 149, 151, 153, 155,<br>157, 159 | 56886GT         | 137, 147                       |
| 48997GT         | 155                | 52947GT         | 15                              | 56912GT         | 45, 49, 53, 71, 101,<br>111... |
| 49114-4650GT    | 165                | 52968GT         | 13, 21, 29, 37                  | 56929GT         | 109, 117                       |
| 49117-4650GT    | 165                | 53517GT         | 181                             | 56930GT         | 59                             |
| 49117-6550GT    | 161, 165           | 54255GT         | 141                             | 56976-SGT       | 117                            |
| 49117-7750GT    | 161                | 54259GT         | 141                             | 56976GT         | 109                            |
| 49119-2000GT    | 161                | 54530GT         | 115                             | 56983PGT        | 105, 127                       |
| 49119-6500GT    | 161                | 54692GT         | 75, 77                          | 56994GT         | 69                             |
| 49119-16600GT   | 165                | 54989GT         | 195                             | 58108GT         | 83                             |
| 49119-18100GT   | 165                | 55753GT         | 171, 175, 189                   | 58253GT         | 87                             |
| 49119-19200GT   | 165                | 56029GT         | 59                              | 58320GT         | 51                             |
| 49119-22400GT   | 165                | 56030GT         | 59                              | 58494GT         | 53                             |
| 49119-43000GT   | 165                | 56051GT         | 91, 93, 99, 103, 113,<br>121... | 58932GT         | 81                             |
| 49120-1900GT    | 165                | 56095GT         | 61                              | 58933GT         | 79, 81                         |
| 49120-3100GT    | 165                | 56261GT         | 169                             | 58934GT         | 79                             |
| 49120-43000GT   | 165                | 56281GT         | 59                              | 58936GT         | 81                             |
| 49121-3150GT    | 165                | 56289-SGT       | 167                             | 58985GT         | 145                            |
| 49121-22400GT   | 165                | 56302GT         | 71, 143, 185                    | 58994GT         | 149                            |
| 49189-2325GT    | 161                | 56318GT         | 71                              | 60429GT         | 65, 131                        |
| 49612GT         | 11, 149            | 56319GT         | 71                              | 60443GT         | 141                            |
| 49613GT         | 11, 149            | 56324GT         | 187                             | 60526GT         | 141                            |
| 49821GT         | 129                | 56328GT         | 187                             | 61226GT         | 59, 141, 183                   |
| 50546GT         | 109, 117           | 56330GT         | 187                             | 61726GT         | 177                            |

| <u>Part no.</u> | <u>Page Number</u>       | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|--------------------------|-----------------|--------------------|-----------------|--------------------|
| 61794GT         | 87                       | 73575GT         | 199                | 74651GT         | 55                 |
| 61972GT         | 177                      | 73711GT         | 141                | 74714GT         | 51                 |
| 61973GT         | 177                      | 73713GT         | 141                | 74734GT         | 185                |
| 61974GT         | 177                      | 73714GT         | 65, 131            | 74735GT         | 109                |
| 62276GT         | 151                      | 73717GT         | 141                | 74847PGT        | 179                |
| 62506GT         | 109, 117, 119            | 73723GT         | 141                | 74848PGT        | 179                |
| 62507GT         | 109, 117, 119            | 73736GT         | 141                | 74865GT         | 107                |
| 62695GT         | 59                       | 73739GT         | 131                | 74866GT         | 107                |
| 62696GT         | 61                       | 74006GT         | 133, 211           | 74868GT         | 179                |
| 62928GT         | 17, 25, 33, 41           | 74044GT         | 111                | 74902GT         | 149, 151, 153, 155 |
| 62929GT         | 13, 21, 29, 37           | 74051GT         | 119                | 74913GT         | 71                 |
| 63375GT         | 135                      | 74052GT         | 133, 211           | 74917GT         | 71                 |
| 65171GT         | 15, 31                   | 74066GT         | 101, 113           | 74918GT         | 71                 |
| 65178GT         | 145                      | 74085GT         | 93, 123            | 74920GT         | 69                 |
| 65546GT         | 145                      | 74089GT         | 97, 119, 125       | 74921GT         | 69                 |
| 65608GT         | 49                       | 74091GT         | 99, 129            | 74922GT         | 69                 |
| 65630GT         | 171                      | 74119PGT        | 105, 127           | 74923GT         | 69                 |
| 65872GT         | 49                       | 74134GT         | 111                | 74924GT         | 69                 |
| 66353GT         | 135, 211                 | 74136GT         | 161                | 74925GT         | 69                 |
| 66356GT         | 133, 211                 | 74232-SGT       | 91                 | 74945GT         | 91, 121            |
| 66397GT         | 63                       | 74232GT         | 121                | 76450GT         | 91, 121, 215       |
| 66399GT         | 11                       | 74246GT         | 47                 | 77860GT         | 171                |
| 66717GT         | 179                      | 74247GT         | 47                 | 77990GT         | 79                 |
| 66812GT         | 75, 137                  | 74256GT         | 65                 | 78098GT         | 179, 199           |
| 66813GT         | 137                      | 74271GT         | 93, 123            | 78622GT         | 81                 |
| 66815GT         | 137                      | 74282GT         | 59                 | 79452GT         | 61                 |
| 66818GT         | 75, 137                  | 74334GT         | 93                 | 81368GT         | 171                |
| 66821GT         | 75, 137                  | 74345GT         | 113                | 81812-1188GT    | 79, 161            |
| 66900GT         | 57                       | 74347GT         | 119                | 81812-6650GT    | 161                |
| 66901GT         | 55                       | 74356GT         | 147                | 82161GT         | 15, 31, 39         |
| 69550GT         | 149, 159                 | 74357GT         | 147                | 82366GT         | 15, 31, 39         |
| 72047GT         | 149, 151, 155, 157       | 74358GT         | 147                | 82472GT         | 23, 25             |
| 72078GT         | 49                       | 74359GT         | 147                | 82481GT         | 21, 37             |
| 72081GT         | 19, 27, 35, 43           | 74362GT         | 145                | 82487GT         | 23, 27, 37, 39, 43 |
| 72086GT         | 29, 37                   | 74368GT         | 145                | 82544GT         | 23                 |
| 72167GT         | 17, 25, 33, 41           | 74384GT         | 147                | 82548GT         | 27                 |
| 72298GT         | 145                      | 74425GT         | 153                | 82592GT         | 15, 23, 31, 39     |
| 72326GT         | 85, 137                  | 74471GT         | 61                 | 82601GT         | 27                 |
| 72833GT         | 13, 29                   | 74495GT         | 59                 | 82602GT         | 27                 |
| 72867GT         | 19, 27, 35, 43, 181, 183 | 74508GT         | 103                | 82604GT         | 27                 |
| 72875GT         | 35                       | 74509GT         | 103                | 82610GT         | 23, 39             |
| 72999GT         | 15, 31, 39               | 74587GT         | 107                | 82611GT         | 27, 43             |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u>         | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|--------------------|-----------------|----------------------------|-----------------|--------------------|
| 82612GT         | 27                 | 94261GT         | 107                        | 106082GT        | 129                |
| 83092GT         | 51                 | 94425GT         | 91, 121                    | 106120GT        | 51                 |
| 83093GT         | 75                 | 94428GT         | 79                         | 106121GT        | 51                 |
| 83129GT         | 87                 | 94461GT         | 195                        | 106122GT        | 51                 |
| 84312GT         | 65                 | 94462GT         | 195                        | 106123GT        | 51                 |
| 85239GT         | 75                 | 94463GT         | 195                        | 106241GT        | 55                 |
| 85300GT         | 171                | 94512GT         | 75                         | 106427GT        | 91, 121            |
| 87085GT         | 173                | 94745PGT        | 131                        | 106428GT        | 91, 121            |
| 87755GT         | 141                | 94908GT         | 45                         | 106429GT        | 91, 121            |
| 88280GT         | 99                 | 94909GT         | 51                         | 106433GT        | 99, 115, 129       |
| 88337GT         | 45                 | 96008-SGT       | 75                         | 106434GT        | 91, 121            |
| 88338GT         | 45                 | 96317GT         | 47                         | 106445GT        | 49                 |
| 88356-116R5GT   | 91, 121            | 97128GT         | 91                         | 106959GT        | 67                 |
| 88356-127J5GT   | 99, 103, 115, 129  | 97815GT         | 27, 35, 43                 | 106960PGT       | 67                 |
| 88356-12103GT   | 65                 | 97890GT         | 15, 19                     | 107858GT        | 181, 183           |
| 88385GT         | 187                | 97893GT         | 19                         | 107935G         | 165                |
| 88390GT         | 185                | 97894GT         | 19                         | 107935GT        | 97, 125            |
| 88827GT         | 75                 | 99183GT         | 177                        | 110197GT        | 153                |
| 89310GT         | 151                | 101349GT        | 93, 123                    | 110199GT        | 149                |
| 93500GT         | 11                 | 101429GT        | 111                        | 110200GT        | 151                |
| 94001GT         | 55                 | 101512GT        | 177                        | 110235GT        | 87                 |
| 94011GT         | 55                 | 101557GT        | 101, 115                   | 110239GT        | 87                 |
| 94012GT         | 55                 | 101649GT        | 171                        | 110242GT        | 87                 |
| 94019GT         | 155                | 101676GT        | 171                        | 110243GT        | 87                 |
| 94031GT         | 101                | 101677GT        | 171                        | 110246GT        | 89, 91             |
| 94077GT         | 69                 | 101678GT        | 171                        | 110249GT        | 89                 |
| 94151GT         | 55                 | 101679GT        | 171                        | 110382GT        | 69                 |
| 94170GT         | 177                | 101967GT        | 85                         | 110626GT        | 71                 |
| 94176GT         | 177                | 101968GT        | 85                         | 110637GT        | 65, 89             |
| 94191GT         | 177                | 101969GT        | 83                         | 110638GT        | 89, 99, 115        |
| 94213GT         | 101                | 101970GT        | 83                         | 110639GT        | 89                 |
| 94214GT         | 113                | 101985GT        | 131                        | 110649GT        | 143                |
| 94215GT         | 99, 129            | 101986GT        | 131                        | 110651GT        | 171                |
| 94216GT         | 99, 129            | 101987GT        | 131                        | 110652GT        | 171                |
| 94217GT         | 109                | 101988GT        | 131                        | 110653GT        | 171                |
| 94218GT         | 107                | 102940GT        | 149, 151, 153, 155,<br>157 | 110789GT        | 177                |
| 94254GT         | 93, 123            | 102992GT        | 133                        | 114117GT        | 13, 29             |
| 94256GT         | 103                | 104804GT        | 175                        | 114224GT        | 15                 |
| 94257GT         | 113                | 105352GT        | 49                         | 114248GT        | 43                 |
| 94258GT         | 99, 129            | 106025GT        | 55                         | 114249GT        | 37                 |
| 94259GT         | 99, 129            | 106038GT        | 45                         | 114252GT        | 37, 39, 41, 43     |
| 94260GT         | 109                | 106079GT        | 153                        | 114334GT        | 37                 |

| <u>Part no.</u> | <u>Page Number</u>      | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|-------------------------|-----------------|--------------------|-----------------|--------------------|
| 114343GT        | 23, 31, 39              | 128677GT        | 191                | 139560GT        | 159                |
| 114390GT        | 31, 35                  | 128681GT        | 191                | 139561GT        | 159                |
| 114397GT        | 19, 35                  | 128682GT        | 191                | 139563GT        | 159                |
| 119058GT        | 131                     | 128722GT        | 185                | 139564GT        | 159                |
| 119077GT        | 191, 193                | 128723GT        | 185                | 139565GT        | 159                |
| 119133GT        | 87                      | 128728GT        | 81                 | 139584GT        | 87                 |
| 119403GT        | 53, 83, 211             | 128732GT        | 49                 | 139585GT        | 87                 |
| 119404GT        | 83                      | 128808GT        | 79                 | 139586GT        | 13, 21, 29, 37     |
| 119618GT        | 69                      | 128811GT        | 79, 161            | 139643GT        | 185                |
| 119762GT        | 65                      | 128818GT        | 79                 | 139655GT        | 109, 119           |
| 119917GT        | 65                      | 128819GT        | 181                | 139858GT        | 53                 |
| 121848GT        | 87, 177                 | 128825GT        | 53                 | 139866GT        | 67                 |
| 122073GT        | 189                     | 128838GT        | 195                | 139877GT        | 161                |
| 122120GT        | 149, 151, 153, 155, 157 | 128852GT        | 191                | 144161GT        | 83, 211            |
| 122513GT        | 137                     | 128971GT        | 193                | 147000GT        | 185                |
| 122514GT        | 75, 137                 | 128972GT        | 193                | 147001GT        | 185                |
| 128039GT        | 123                     | 128973GT        | 191, 193           | 147079GT        | 101, 113           |
| 128040GT        | 123                     | 133067GT        | 39, 43             | 147093GT        | 71, 75             |
| 128045GT        | 83                      | 133286GT        | 13, 21, 29, 37, 53 | 147181GT        | 191                |
| 128118GT        | 53                      | 139010GT        | 63                 | 147253GT        | 141                |
| 128135GT        | 63                      | 139012GT        | 63                 | 147389GT        | 141                |
| 128200GT        | 137                     | 139013GT        | 63                 | 147487GT        | 101                |
| 128202GT        | 137                     | 139014GT        | 63                 | 147637GT        | 113                |
| 128203GT        | 215                     | 139015GT        | 63                 | 150026GT        | 179                |
| 128204GT        | 179, 183                | 139016GT        | 63                 | 161550GT        | 57                 |
| 128205GT        | 181                     | 139017GT        | 63                 | 161551GT        | 55                 |
| 128375GT        | 53                      | 139018GT        | 63                 | 216788GT        | 69                 |
| 128376GT        | 53                      | 139019GT        | 63                 | 216791GT        | 71                 |
| 128377GT        | 53                      | 139020GT        | 63                 | 216793GT        | 69                 |
| 128443GT        | 149                     | 139021GT        | 63                 | 217046GT        | 71                 |
| 128444GT        | 149                     | 139022GT        | 63                 | 218550GT        | 35                 |
| 128453GT        | 65                      | 139318GT        | 53                 | 218559GT        | 35                 |
| 128458GT        | 63                      | 139351GT        | 49                 | 218602GT        | 87                 |
| 128459GT        | 63                      | 139353GT        | 49                 | 219487GT        | 35                 |
| 128465GT        | 63                      | 139354GT        | 49                 | 219954GT        | 43                 |
| 128466GT        | 63                      | 139355GT        | 49                 | 219956GT        | 43                 |
| 128550GT        | 107                     | 139462GT        | 159                | 219958GT        | 43                 |
| 128581GT        | 137                     | 139463GT        | 159                | 226321GT        | 137                |
| 128634GT        | 93, 121                 | 139537GT        | 105, 127           | 226383GT        | 145                |
| 128667GT        | 133                     | 139540GT        | 105, 127           | 226540GT        | 119                |
| 128668GT        | 133                     | 139541GT        | 105, 127           | 226542GT        | 119                |
| 128669GT        | 133                     | 139542GT        | 105, 127           | 227213GT        | 15, 31             |

| <u>Part no.</u> | <u>Page Number</u>           | <u>Part no.</u> | <u>Page Number</u>           | <u>Part no.</u> | <u>Page Number</u>           |
|-----------------|------------------------------|-----------------|------------------------------|-----------------|------------------------------|
| 227531GT        | 19                           | 824062GT        | 107, 119                     | 824152GT        | 117                          |
| 227564GT        | 131                          | 824063GT        | 119                          | 824163GT        | 101, 113                     |
| 227620GT        | 87, 131                      | 824064GT        | 191, 193                     | 824164GT        | 107, 117                     |
| 228947GT        | 53                           | 824066GT        | 57                           | 824206GT        | 141                          |
| 228973GT        | 53                           | 824067GT        | 97, 101, 125                 | 824208GT        | 177                          |
| 229074GT        | 119                          | 824070GT        | 177                          | 824213GT        | 67                           |
| 229567GT        | 137                          | 824074GT        | 79                           | 824214GT        | 133, 141, 211                |
| 229805GT        | 55                           | 824075GT        | 117                          | 824215GT        | 83, 11, 83, 141, 101, 181... |
| 229806GT        | 57                           | 824077GT        | 55, 79, 83, 109, 117         | 824216GT        | 177, 215                     |
| 232486GT        | 51                           | 824078GT        | 45, 55, 89, 13, 105, 127     | 824217GT        | 59                           |
| 233717GT        | 107, 117                     | 824079GT        | 59, 83, 93, 101, 105, 111... | 824218GT        | 75, 99                       |
| 233745GT        | 107, 117                     | 824080GT        | 55, 119, 187                 | 824219GT        | 91, 103, 115, 121            |
| 234923GT        | 145                          | 824081GT        | 55, 135, 183                 | 824221GT        | 59                           |
| 236665GT        | 61                           | 824082GT        | 101, 113                     | 824223GT        | 65, 93, 121                  |
| 236966GT        | 135, 211                     | 824083GT        | 91, 121, 143, 171            | 824224GT        | 65                           |
| 237145GT        | 171                          | 824085GT        | 81, 181, 183                 | 824225GT        | 131                          |
| 237503GT        | 87                           | 824086GT        | 59                           | 824226GT        | 141                          |
| 814884GT        | 69                           | 824087GT        | 133                          | 824228GT        | 55                           |
| 822704GT        | 87                           | 824089GT        | 83                           | 824878GT        | 69, 137                      |
| 822872GT        | 87                           | 824090GT        | 45, 65, 71, 201              | 825019GT        | 41, 91, 99, 101, 101, 115... |
| 822917GT        | 61                           | 824091GT        | 49, 71, 79, 93, 97, 99...    | 825020GT        | 177                          |
| 822919GT        | 61                           | 824092GT        | 99, 101, 107, 115, 117       | 825066GT        | 63                           |
| 823226GT        | 59, 141, 181, 183            | 824093GT        | 99                           | 825069GT        | 193                          |
| 823684GT        | 55                           | 824094GT        | 53, 97, 125                  | 825207GT        | 185                          |
| 823942GT        | 87, 183                      | 824095GT        | 71, 81, 91, 121              | 825212GT        | 185                          |
| 823943GT        | 181                          | 824100GT        | 79                           | 825213GT        | 185                          |
| 823948GT        | 181                          | 824102GT        | 65                           | 825214GT        | 185                          |
| 824019GT        | 141                          | 824103GT        | 49                           | 825352GT        | 201                          |
| 824024GT        | 177                          | 824107GT        | 49                           | 825353GT        | 93, 119, 123                 |
| 824025GT        | 107, 117                     | 824109GT        | 93, 109, 119, 121, 191, 193  | 825358GT        | 79, 97, 115, 125, 191        |
| 824027GT        | 113                          | 824110GT        | 79, 97, 125, 191             | 826516GT        | 167                          |
| 824028GT        | 59, 181                      | 824113GT        | 45, 49, 13, 93, 101, 105...  | 826791GT        | 101                          |
| 824029GT        | 47, 53, 71, 81, 93, 97...    | 824116GT        | 79, 117, 169                 | 826793GT        | 101, 107                     |
| 824032GT        | 83, 11, 83, 141, 101, 177... | 824119GT        | 79, 83                       | 1251590GT       | 185                          |
| 824037GT        | 55, 69, 85                   | 824120GT        | 71, 79, 91, 121              | 1251591GT       | 185                          |
| 824038GT        | 103, 113                     | 824121GT        | 49                           | 1251592GT       | 185                          |
| 824040GT        | 93                           | 824122GT        | 93                           | 1251600GT       | 171, 215                     |
| 824042GT        | 45, 51                       | 824124GT        | 191, 193                     | 1251757GT       | 61                           |
| 824046GT        | 55                           | 824125GT        | 57                           | 1252011GT       | 185                          |
| 824047GT        | 55                           | 824127GT        | 45                           | 1252012GT       | 185                          |
| 824059GT        | 93, 121                      | 824129GT        | 45                           | 1252013GT       | 185                          |
| 824060GT        | 49, 111                      | 824151GT        | 97, 107, 125                 | 1252977GT       | 57                           |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u>            | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|--------------------|-----------------|-------------------------------|-----------------|--------------------|
| 1252978GT       | 191                | 1262355GT       | 101                           | 1278175GT       | 201                |
| 1253843GT       | 49                 | 1262432GT       | 101, 111                      | 1278177GT       | 201                |
| 1255018GT       | 197                | 1263141GT       | 65                            | 1278363GT       | 201, 215           |
| 1255027GT       | 197                | 1263142GT       | 67                            | 1278368GT       | 199                |
| 1255030GT       | 197                | 1263187GT       | 69                            | 1278417GT       | 199                |
| 1255036GT       | 197                | 1263542GT       | 37, 39                        | 1278433GT       | 199                |
| 1255567GT       | 197                | 1263543GT       | 29, 31                        | 1278450GT       | 199                |
| 1255758GT       | 85                 | 1263609GT       | 79                            | 1278459GT       | 199                |
| 1255788GT       | 133, 211           | 1264261GT       | 167, 201                      | 1278542GT       | 35, 43, 199        |
| 1255803GT       | 91                 | 1264822GT       | 87                            | 1278982GT       | 35, 43, 201        |
| 1255858GT       | 197                | 1264834GT       | 87                            | 1279136GT       | 199                |
| 1255889GT       | 197                | 1264934GT       | 199                           | 1279778GT       | 215                |
| 1255890GT       | 197                | 1266019GT       | 31, 39                        | 1280665GT       | 83, 211            |
| 1256109GT       | 107                | 1267121GT       | 31                            | 1280819GT       | 31                 |
| 1256119GT       | 49                 | 1267747GT       | 175                           | 1281174GT       | 35, 43             |
| 1256182GT       | 65                 | 1268468GT       | 177                           | 1281175GT       | 43                 |
| 1256698GT       | 209                | 1270456GT       | 59                            | 1281264GT       | 75                 |
| 1256843GT       | 119                | 1270457GT       | 59                            | 1281268GT       | 67                 |
| 1256855         | 175                | 1271081GT       | 123, 205, 209                 | 1281269GT       | 69                 |
| 1256855GT       | 215                | 1272235GT       | 203                           | 1281270GT       | 65                 |
| 1256859GT       | 199                | 1272242GT       | 31, 39                        | 1281271GT       | 133                |
| 1256863GT       | 107, 117           | 1273205GT       | 107, 117                      | 1281272GT       | 133                |
| 1257248GT       | 131                | 1273629GT       | 209                           | 1281273GT       | 133                |
| 1257249GT       | 131                | 1274167GT       | 133                           | 1281274GT       | 49                 |
| 1257390GT       | 123, 205, 209      | 1274168GT       | 131, 215                      | 1281275GT       | 79                 |
| 1257733GT       | 11                 | 1274173GT       | 107, 117                      | 1281276GT       | 101                |
| 1258567GT       | 11                 | 1274322GT       | 31, 39, 113, 123, 171, 201... | 1281277GT       | 109, 117           |
| 1259574GT       | 69                 | 1274873GT       | 133                           | 1281279GT       | 83                 |
| 1259575GT       | 87                 | 1275412GT       | 215                           | 1281280GT       | 85                 |
| 1260124GT       | 149                | 1275413GT       | 215                           | 1281281GT       | 83                 |
| 1260127GT       | 149                | 1276038GT       | 203                           | 1281282GT       | 85                 |
| 1260639GT       | 87                 | 1276939GT       | 175                           | 1281284GT       | 93                 |
| 1260643GT       | 87                 | 1276941GT       | 175                           | 1281285GT       | 95                 |
| 1260887GT       | 87                 | 1277873GT       | 199                           | 1281286GT       | 105                |
| 1260928GT       | 87                 | 1277875GT       | 201                           | 1281290GT       | 123                |
| 1261184GT       | 199                | 1277876GT       | 201                           | 1281325GT       | 203                |
| 1261606GT       | 91, 121            | 1277877GT       | 199                           | 1281327GT       | 53                 |
| 1261845GT       | 89                 | 1277924GT       | 33, 39, 13, 83, 91, 101...    | 1281328GT       | 53                 |
| 1261984GT       | 69                 | 1278111GT       | 199                           | 1281329GT       | 131                |
| 1262218GT       | 69                 | 1278119GT       | 199                           | 1281331GT       | 131                |
| 1262353GT       | 101                | 1278121GT       | 199                           | 1281332GT       | 167                |
| 1262354GT       | 101                | 1278124GT       | 199                           | 1281335GT       | 61                 |

| <u>Part no.</u> | <u>Page Number</u>            | <u>Part no.</u> | <u>Page Number</u>      | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|-------------------------------|-----------------|-------------------------|-----------------|--------------------|
| 1281342GT       | 83                            | 1293476GT       | 205                     | 1309537GT       | 81                 |
| 1282023GT       | 107, 119                      | 1293788GT       | 159                     | 1309745GT       | 105, 127           |
| 1282047GT       | 93                            | 1294398GT       | 31, 39                  | 1310342GT       | 201                |
| 1282052GT       | 109                           | 1295165GT       | 149                     | 1310345GT       | 201                |
| 1282054GT       | 45                            | 1295166GT       | 149                     | 1310378GT       | 131, 211           |
| 1282063GT       | 91                            | 1295168GT       | 89                      | 1310485GT       | 199                |
| 1282071GT       | 91                            | 1295585GT       | 79                      | 1310492GT       | 199                |
| 1282083GT       | 177                           | 1296556GT       | 153                     | 1311282GT       | 71                 |
| 1282084GT       | 177                           | 1296557GT       | 153                     | 1311787GT       | 105, 127           |
| 1282086GT       | 107                           | 1296558GT       | 151, 157                | 1311837GT       | 105, 127           |
| 1282133GT       | 215                           | 1296559GT       | 149, 151, 155           | 1311849GT       | 105, 127           |
| 1283024GT       | 119                           | 1296560GT       | 155                     | 1313592GT       | 205                |
| 1283366GT       | 71                            | 1296561GT       | 151                     | 1313614GT       | 207                |
| 1283371GT       | 79                            | 1296895GT       | 209                     | 1315359GT       | 213                |
| 1283373GT       | 133                           | 1297677GT       | 87                      | 1316333GT       | 213                |
| 1283375GT       | 91                            | 1297941GT       | 29, 37                  | 1318714GT       | 65                 |
| 1283776GT       | 11                            | 1298550GT       | 73                      | 1320681GT       | 55                 |
| 1283887GT       | 103                           | 1298604GT       | 133, 175                | 1320883GT       | 65                 |
| 1284473GT       | 111                           | 1298837GT       | 35                      | 1321313GT       | 65                 |
| 1285850GT       | 199                           | 1298847GT       | 29                      | 1321314GT       | 65                 |
| 1286362GT       | 39                            | 1298858GT       | 31, 39                  | 1321315GT       | 67                 |
| 1286600GT       | 51                            | 1298933GT       | 11                      | 1321316GT       | 67                 |
| 1286601GT       | 51                            | 1298942GT       | 87                      | 1321317GT       | 67                 |
| 1287986GT       | 153                           | 1299436GT       | 43                      | 1321318GT       | 67                 |
| 1288080GT       | 93, 97, 105, 109, 111, 113... | 1299439GT       | 37                      | 1321319GT       | 67                 |
| 1288895GT       | 69                            | 1299791GT       | 35                      | 1321320GT       | 67                 |
| 1289522GT       | 205                           | 1299792GT       | 43                      | 1321321GT       | 67                 |
| 1289523GT       | 205                           | 1304130GT       | 59                      | 1321322GT       | 67                 |
| 1290345-1525GT  | 161                           | 1304483GT       | 49                      | 1321323GT       | 67                 |
| 1290345-2025GT  | 161                           | 1305593GT       | 207                     | 1322056GT       | 67                 |
| 1290346-1550GT  | 161                           | 1307061GT       | 167                     | 1322057GT       | 67                 |
| 1290346-2050GT  | 161                           | 1307200GT       | 205                     | 1322058GT       | 67                 |
| 1290347-4400GT  | 161                           | 1308384GT       | 199                     | 1322059GT       | 67                 |
| 1290352-2150GT  | 161                           | 1308388GT       | 199                     | 1322060GT       | 67                 |
| 1291264-1500GT  | 161                           | 1309076GT       | 151                     | 1323938GT       | 145                |
| 1291264-1700GT  | 161                           | 1309077GT       | 149, 151, 153, 155, 157 | 1328323GT       | 215                |
| 1291624GT       | 31, 39                        | 1309078GT       | 153                     | 1328324GT       | 215                |
| 1292312GT       | 87                            | 1309221GT       | 209                     | 1328584GT       | 215                |
| 1292512GT       | 31, 39                        | 1309247GT       | 153                     | 1328645GT       | 215                |
| 1292513GT       | 31, 39                        | 1309248GT       | 153                     | 1329144GT       | 215                |
| 1292514GT       | 31, 39                        | 1309249GT       | 151, 157                | 1329147GT       | 215                |
| 1292515GT       | 31, 39                        | 1309250GT       | 149, 151, 155           | 1330146GT       | 199                |

| <u>Part no.</u> | <u>Page Number</u>  | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|---------------------|-----------------|--------------------|-----------------|--------------------|
| 1331242GT       | 205                 |                 |                    |                 |                    |
| 1332235GT       | 205                 |                 |                    |                 |                    |
| 1333319GT       | 205                 |                 |                    |                 |                    |
| 1335016GT       | 45                  |                 |                    |                 |                    |
| 1335018GT       | 51                  |                 |                    |                 |                    |
| 1338495GT       | 65                  |                 |                    |                 |                    |
| 1338496GT       | 65                  |                 |                    |                 |                    |
| 1338497GT       | 65                  |                 |                    |                 |                    |
| 1338936GT       | 145                 |                 |                    |                 |                    |
| 9990146GT       | 113                 |                 |                    |                 |                    |
| T106699GT       | 143                 |                 |                    |                 |                    |
| T108887GT       | 49                  |                 |                    |                 |                    |
| T112560GT       | 133, 211            |                 |                    |                 |                    |
| T112561GT       | 133, 211            |                 |                    |                 |                    |
| T112576GT       | 189                 |                 |                    |                 |                    |
| T112773GT       | 19, 27, 35, 43, 175 |                 |                    |                 |                    |
| T112779GT       | 189                 |                 |                    |                 |                    |
| T114858GT       | 59                  |                 |                    |                 |                    |

California Proposition 65



**WARNING**

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to [www.P65Warnings.ca.gov/passenger-vehicle](http://www.P65Warnings.ca.gov/passenger-vehicle).

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to  
[www.P65warnings.ca.gov/diesel](http://www.P65warnings.ca.gov/diesel).

**Parts Manual**  
**Z-30N/20N**  
**Z30/20N RJ**

*from SN Z30N15D-101 to Z30N16D-199  
from SN Z30ND-200*

Part No.  
1285596GT

Rev A21

