



A TEREX BRAND

# ***Parts Manual***

Serial Number Range

***Z-34/22***  
***Bi-Energy***

from SN 001 to 1734

Part No. 56010GT  
Rev: B.04  
July 2024

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## 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.

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## Contact Us:

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

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## 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.

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First Edition, Second Printing

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 Printed on recycled paper





A TEREX BRAND

**Model:** Z-34/22

**Serial number:** Z3405-12345

**Model year:** 2005 **Manufacture date:** 04/12/05

**Electrical schematic number:** XXXXXX

**Machine unladen weight:**

**Rated work load (including occupants):** XXXX kg

**Maximum number of platform occupants:** X

**Maximum allowable side force :** XXX N

**Maximum allowable inclination of the chassis:**  
0 deg

**Maximum wind speed :** XX mph/ XX m/s

**Maximum platform height :** XX ft / XX m

**Maximum platform reach :** XX ft / XX m

**Gradeability:** XX

**Country of manufacture:** USA

**This machine complies with:**

ANSI A92.5

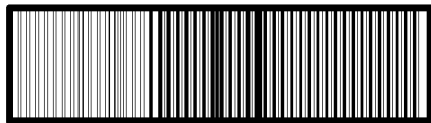
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**Terex South Dakota, Inc.**

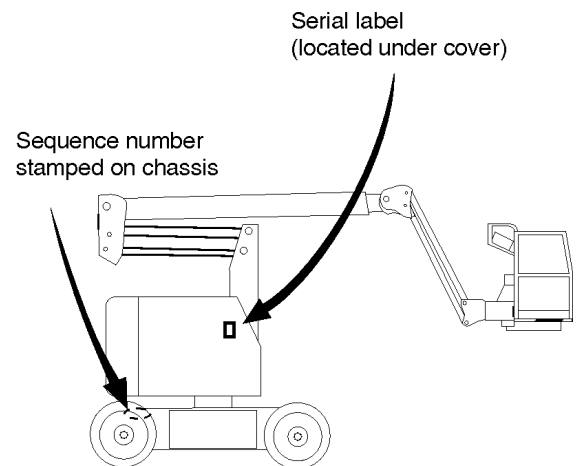
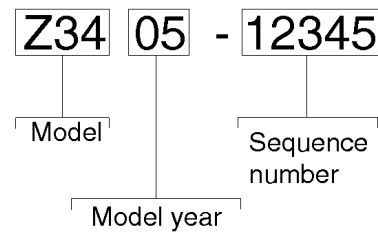
**18340 NE 76th Street**

**Redmond, WA 98052**

**USA**



11111111



## 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

Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-34/22 Bi-Energy Service Manual.

| Description                               | Part No. |
|-------------------------------------------|----------|
| Plug and Cap Kit (for ORFS fittings)..... | 49613    |
| Safety Chock.....                         | 36555    |
| Hydraulic Filter.....                     | 52627    |
| Engine Oil Filter.....                    | 22106    |
| Engine Fuel Filter .....                  | 52877    |
| Engine Air Filter Element.....            | 52867    |
| Engine V-belt .....                       | 52816    |
| Engine Fan Belt (Qty. 2) .....            | 56064    |

Recommended Parts

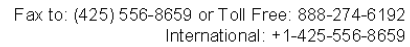
| Description                              | Part No. |
|------------------------------------------|----------|
| Genie Blue Paint, 1 Gallon .....         | 32150    |
| Genie Blue Paint, 12 Ounce Aerosol.....  | 1484     |
| Genie Gray Paint, 1 Gallon.....          | 32151    |
| Genie Gray Paint, 12 Ounce Aerosol ..... | 1268     |

Manuals

Genie Industries offers the following support documents for these models:

| Title                      | Part No. |
|----------------------------|----------|
| EMI Safety Manual .....    | 27581    |
| Manual of Responsibilities |          |
| ANSI A92.5 ..              | 31779    |





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

[illegible]

☐ Ship complete order only - No back orders

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

☐ Other (please specify)

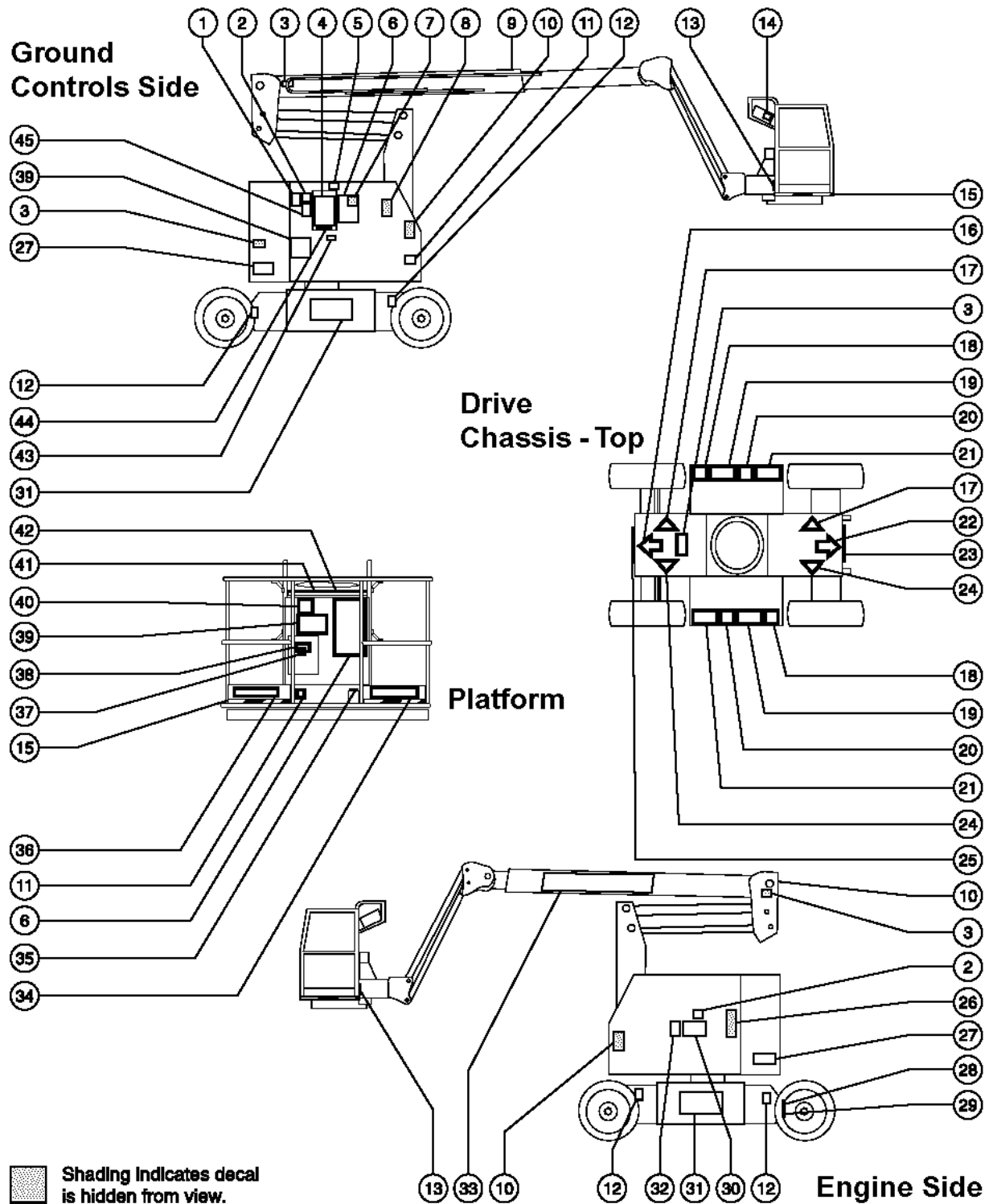
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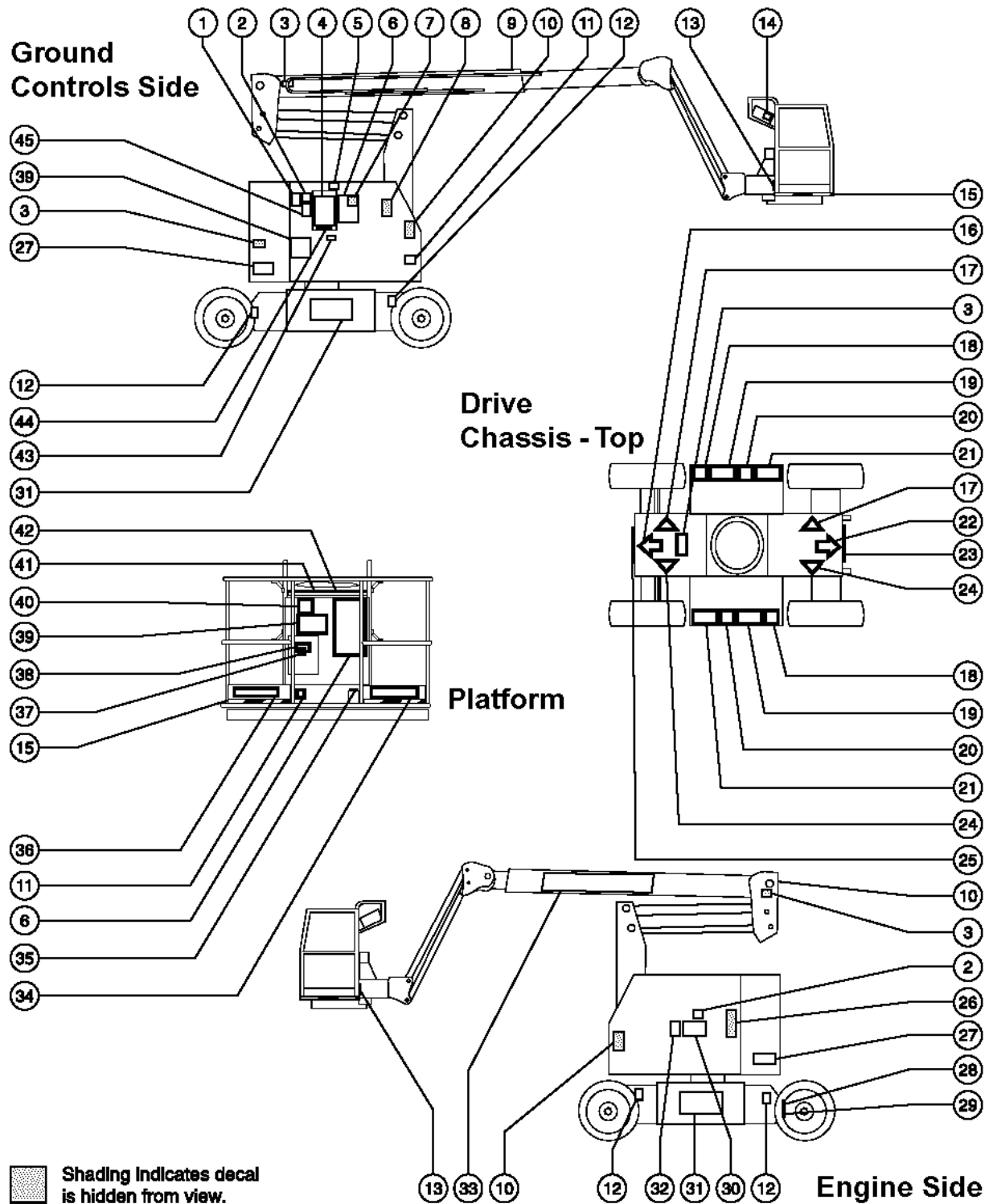
## 101.1 Decals and Paint





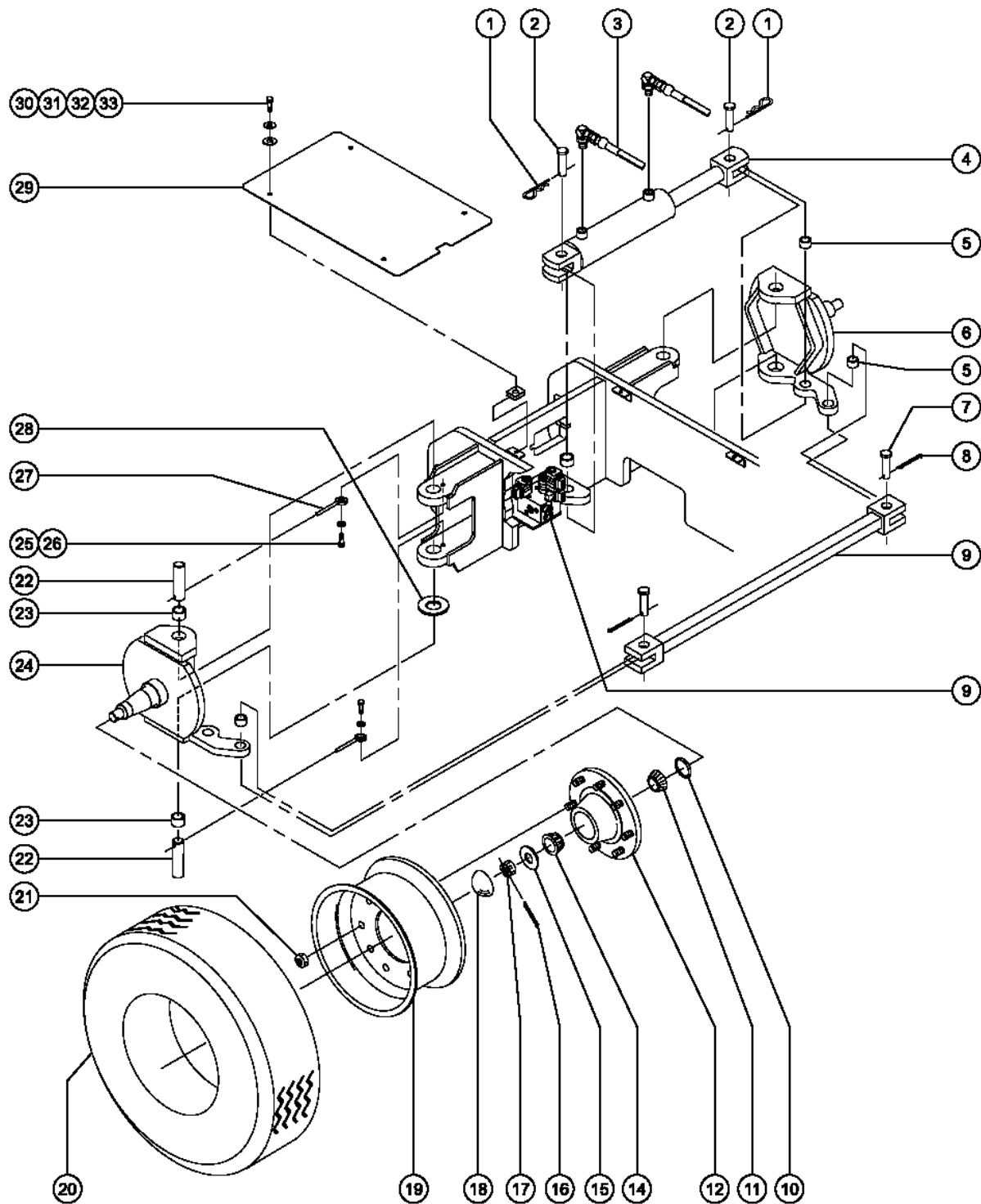
| Item | Part No.  | Description                                                                                               | Qty.      |
|------|-----------|-----------------------------------------------------------------------------------------------------------|-----------|
|      | 52438GT   | DECAL KIT,WORDS,Z34BE<br>does not include index numbers 8, 11, 14, 15, 23-25, 29, 31, 33, 34 and 41 ..... |           |
|      | 52621GT   | DECAL KIT,SAFE/INSTR.PLAT ONLY<br>includes index numbers 6, 13, 34-40 .....                               |           |
|      | 1298977GT | DECAL KIT,PLAT Z40/Z34/Z30,SYMBOL<br>platform kit .....                                                   |           |
|      | 32150GT   | PAINT, WET, GENIE BLUE (1 GL)** .....                                                                     |           |
|      | 1484GT    | PAINT, AEROSOL, BRIGHT BLUE*** .....                                                                      |           |
|      | 32151GT   | PAINT, WET, GENIE GRAY (1GL)** .....                                                                      |           |
|      | 1268GT    | PAINT, AEROSOL, GENIE GRAY*** .....                                                                       |           |
| 1    | 28164GT   | DECAL,NOTICE,HAZARDOUS MAT'LS* .....                                                                      | 1         |
| 2    | 28171GT   | DECAL,DANGER,NO SMOKING *** .....                                                                         | 2         |
| 3    | 31060GT   | DECAL,DANGER DO NOT ALTER SWTC .....                                                                      | 4         |
| 4    | 52435GT   | DECAL,GROUND CONTROL PANEL .....                                                                          | 1         |
| 5    | 28159GT   | DECAL,DIESEL .....                                                                                        | 1         |
| 6    | 97890GT   | DECAL,DANGER,GEN SAFETY RULES .....                                                                       | 2         |
| 7    | 28157GT   | DECAL,USE DEXRON*** .....                                                                                 | 1         |
| 8    | 77046GT   | SERIAL # LABEL,MYLAR 4X8*** .....                                                                         | 1         |
| 9    | 28181GT   | DECAL,WARN,FALL HAZARD .....                                                                              | 1         |
| 10   | 28161GT   | DECAL,WARN,CRUSH HAZARD HAND .....                                                                        | 3         |
| 11   | 44981GT   | DECAL,LABEL,AIRLINE 110 PSI .....                                                                         | 2         |
| 12   | 41971GT   | DECAL,NOTICE,TIRE SPEC,34BI/IC .....                                                                      | 4         |
| 13   | 28177GT   | DECAL,WARN,CRUSH HAZARD PLAT .....                                                                        | 2         |
| 14A  | 28174GT   | DECAL,POWER TO PLATFORM 230V .....                                                                        | 2         |
| 14B  | 28235GT   | DECAL,POWER TO PLATFORM 115V .....                                                                        | 2         |
| 15   | 33550GT   | TAPE,WARNING,BLK/YEL, 50'*** .....                                                                        | 1<br>roll |
| 16   | 37053GT   | DECAL,ARROW,BLUE .....                                                                                    | 1         |
| 17   | 37056GT   | DECAL,TRIANGLE,YELLOW .....                                                                               | 2         |
| 18   | 40299GT   | DECAL,NOTICE,BATT CONNECTION .....                                                                        | 2         |
| 19   | 31785GT   | DECAL,NOTICE,CHARGER INSTRUC .....                                                                        | 2         |
| 20   | 40300GT   | DECAL,DANGER,TIP-OVER BATTERY .....                                                                       | 2         |

## 101.1 Decals and Paint



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                        | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------|-------------|
| 21          | 31788GT         | DECAL,DANGER,BATTERY SAFETY*** .....      | 2           |
| 22          | 37054GT         | DECAL,ARROW,YELLOW SM 5-3/8" .....        | 1           |
| 23          | 52679GT         | DECAL,COSMETIC,Z-34/22 BI .....           | 1           |
| 24          | 37055GT         | DECAL,TRIANGLE,BLUE .....                 | 2           |
| 25          | 52241GT         | DECAL,COSMETIC,4X2 .....                  | 1           |
| 26          | 52437GT         | DECAL,NOTICE,KUBOTA ENG SPEC .....        | 1           |
| 27          | 27564GT         | DECAL,DANGER,ELEC.HAZ.STAY CLR .....      | 2           |
| 28          | 31508GT         | DECAL,DANGER,ELECT HAZARD,PLUG .....      | 1           |
| 29A         | 43658GT         | DECAL, LABEL, PWR TO CHARGER 230 EU ..... | 1           |
| 29B         | 44980GT         | DECAL, LABEL, PWR TO CHARGER 115 UK ..... | 1           |
| 30          | 28175GT         | DECAL,WARNING-COMPART ACCESS .....        | 1           |
| 31          | 52680GT         | DECAL,COSMETIC,GENIE Z34/22 BE .....      | 2           |
| 32          | 28162GT         | DECAL,WARNING,CRUSHING .....              | 1           |
| 33          | 40526GT         | DECAL,GENIE Z34/22, 6.5"X36" .....        | 1           |
| 34A         | 37051GT         | DECAL,NOTICE,SIDE FRC 150,ANSI .....      | 1           |
| 34B         | 44986GT         | DECAL,INSTR,SIDE FRC/WIND,AUS .....       | 1           |
| 35          | 28165GT         | DECAL,INSTRUCT,FOOTSWITCH OPER .....      | 1           |
| 36          | 37052GT         | DECAL,NOTICE,MAX LOAD 500 LBS .....       | 1           |
| 37          | 28176GT         | DECAL,LABEL,MANUAL NOT HERE .....         | 1           |
| 38          | 28236GT         | DECAL,WARN,IMPROPER OPERATION .....       | 1           |
| 39          | 52597GT         | DECAL,NOTICE,OPER INST BE .....           | 2           |
| 40          | 33952GT         | DECAL,DANGER,TILT ALARM .....             | 1           |
| 41          | 44779GT         | DECAL,GENERATOR OPTION .....              | 1           |
| 42          | 52436GT         | DECAL,PLATFORM CONTROL PANEL .....        | 1           |
| 42          | 37122GT         | DECAL,PROTECTR,CLEAR,PLAT.Z30N .....      | 1           |
| 43          | 52664GT         | DECAL,LABEL,CONTRLR STATUS LT .....       | 1           |
| 44          | 43663GT         | DECAL,NOTICE, FUNCTION ENABLE* .....      | 1           |
| 45          | 25994GT         | DECAL,NOTICE,SHUTOFF VALVES .....         | 1           |

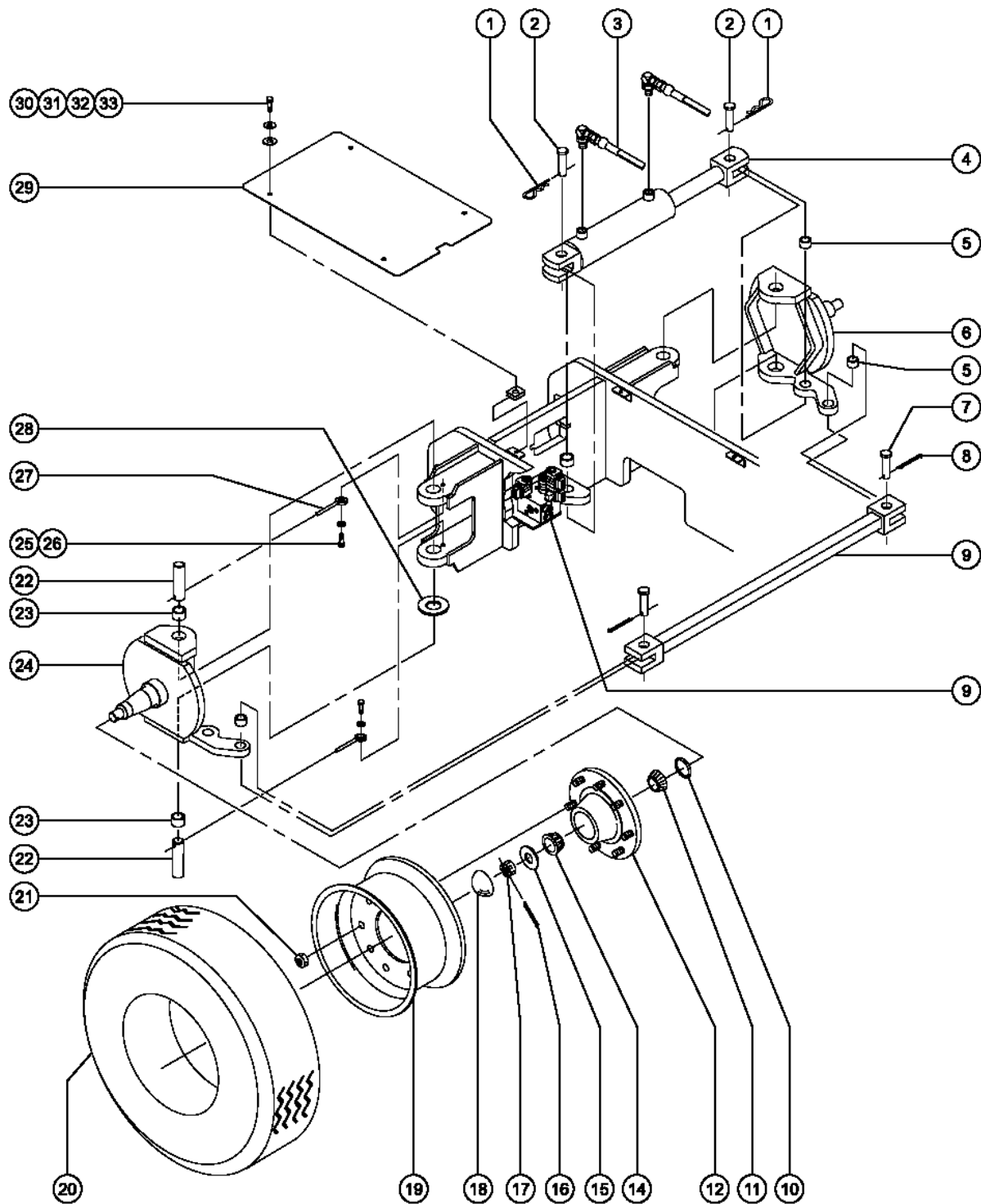
201.1 Steer Axle Linkage, wheels and Hubs



## 201.1 Steer Axle Linkage, wheels and Hubs

| Item | Part No.  | Description                                                   | Qty. |
|------|-----------|---------------------------------------------------------------|------|
| A    | 1258005GT | KIT,RETROFIT,STEER,Z-34 2WD .....                             | 1    |
| A-   | 1258006GT | TIE ROD, Z-34, 2WD .....                                      | 1    |
|      |           | part of kit 1258005GT                                         |      |
| A-   | 824126GT  | PIN,CLEVIS,3/4X3,ZAG .....                                    | 2    |
|      |           | part of kit 1258005GT                                         |      |
| A-   | 824128GT  | RUE RING, 3/4, ZAG .....                                      | 2    |
|      |           | part of kit 1258005GT                                         |      |
| A-   | 94020GT   | YOKE ASSY, Z34 2WD RIGHT .....                                | 1    |
|      |           | part of kit 1258005GT                                         |      |
| A-   | 94021GT   | YOKE ASSY, Z34 2WD LEFT .....                                 | 1    |
|      |           | part of kit 1258005GT                                         |      |
| 1    | 52858GT   | PIN,CLIP .....                                                | 2    |
| 2    | 52857GT   | PIN,CLEVIS .....                                              | 2    |
|      |           | Use PIN CLEVIS 824126 if RETROFIT KIT 1258005GT was installed |      |
| 3    |           | Ref. Hydraulic Hoses and Fittings .....                       | 2    |
|      |           | refer to sections 208.1 or 209.1                              |      |
| 4    | 88337GT   | CYLINDER,STEER .....                                          | 1    |
| 4-   | 88338GT   | SEAL KIT, 88337 .....                                         |      |
|      |           | for 88337GT cylinder                                          |      |
| 4-   | 48401GT   | SEAL KIT,42406,STEER.CYL,TEXAS .....                          | 1    |
|      |           | for 42406GT cylinder                                          |      |
| 5    | 25817GT   | BEARING,1.00IDX1.25ODX1.00L .....                             | 4    |
| 6    | 94021GT   | YOKE ASSY, Z34 2WD LEFT .....                                 | 1    |
|      |           | includes 2 each index number 23                               |      |
| 7    | 19440GT   | PIN,CLEVIS,1 X 2.5 LG .....                                   | 2    |
| 8    | 5361GT    | PIN,COTTER,.125 X 1.5 .....                                   | 2    |
| 9    | 42432-SGT | WELDMENT, TIE ROD,Z-34/68 .....                               | 1    |
|      |           | Use TIE ROD 1258006 if RETROFIT KIT 1258005GT was installed   |      |
| 10   | 45110GT   | SEAL-GREASE,MODEL 60-8 .....                                  | 2    |
| 11   | 45107GT   | INNER CONE - MODEL 60-8 .....                                 | 2    |
|      |           | large bearing race not included                               |      |
| 11A  | 40145GT   | BEARING RACE (LARGE) (45873) .....                            | 2    |
|      |           | inner cone not included                                       |      |
| 12   | 45043GT   | HUB ASSEMBLY MODEL#60-8*** .....                              | 2    |
|      |           | includes index numbers 10, 11, 14, 18 and 21                  |      |
| 12-  | 45873GT   | SEAL/BEARING KIT (45043,54840) .....                          | 2    |
|      |           | includes index numbers 10, 11 and 14 through 18               |      |
| 12-  | 21166GT   | LUG BOLT,5/8-18,WHEEL HUB*** .....                            | 2    |
| 13   | 56015GT   | MANIFOLD,STEER BRAKE SEP-EX .....                             | 1    |
|      |           | to SN 1111                                                    |      |
| 14   | 45108GT   | OUTER CONE - MODEL 60-8 .....                                 | 2    |
|      |           | small bearing race not included                               |      |
| 14A  | 40146GT   | BEARING RACE (SMALL) (45873) .....                            | 2    |
|      |           | outer cone not included                                       |      |
| 15   | 45112GT   | WASHER,SPINDLE .....                                          | 2    |
| 16   | 45114GT   | PIN,COTTER,.219 X 1.75 .....                                  | 2    |

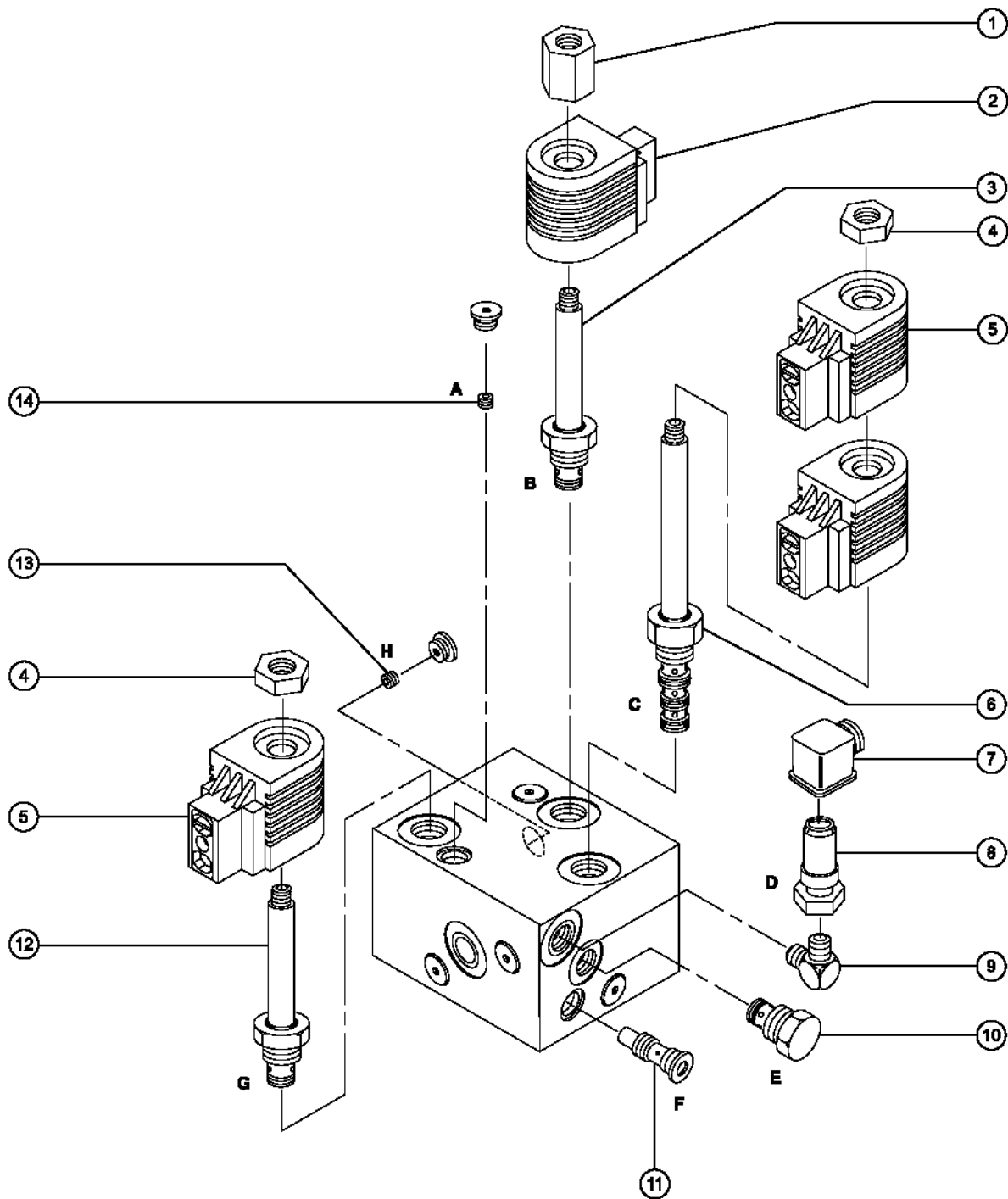
201.1 Steer Axle Linkage, wheels and Hubs



## 201.1 Steer Axle Linkage, wheels and Hubs

| Item | Part No.  | Description                                                                                     | Qty. |
|------|-----------|-------------------------------------------------------------------------------------------------|------|
| 17   | 45113GT   | NUT,SPINDLE,1-14 .....                                                                          | 2    |
| 18   | 45111GT   | CAP,DUST,45873 HUB KIT .....                                                                    | 2    |
| 19   |           | Ref., WHEEL RIM<br>refer to item 20 .....                                                       |      |
| 20A  | 45093GT   | WHEEL ASSY, INDUSTRIAL, AF<br>Industrial, Air-filled, 8 hole x 8 inch BC .....                  | 2    |
| 20A- | 54140GT   | TUBELESS PNEUMATIC TIRE,9-14LT<br>for 45093GT .....                                             |      |
| 20A- | 45040GT   | RIM,Z45,14.5 X 7(8 HOLE ON 8BC<br>for 45093GT .....                                             |      |
| 20B  | 40137GT   | WHEEL ASSY, INDUSTRIAL, AF NM<br>Industrial, Air-filled, Non-marking, 8 hole x 8 inch BC .....  |      |
| 20B- | 54140GT   | TUBELESS PNEUMATIC TIRE,9-14LT<br>for 40137GT .....                                             |      |
| 20B- | 45040GT   | RIM,Z45,14.5 X 7(8 HOLE ON 8BC<br>for 40137GT .....                                             |      |
| 20C  | 45460GT   | WHEEL ASSY, INDUSTRIAL, FF<br>Industrial, Foam-filled, 8 hole x 8 inch BC .....                 | 2    |
| 20D  | 40837GT   | WHEEL ASSY, INDUSTRIAL, FF NM<br>Industrial, Foam-filled, Non-marking, 8 hole x 8 inch BC ..... | 2    |
| 21   | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                                            | 16   |
| 22   | 36211GT   | PIN,1.50DIA X 3.25LG,1HOLE .....                                                                | 4    |
| 23   | 18396GT   | BEARING,1.5ID X 1.75OD X 1.0L .....                                                             | 4    |
| 24   | 94020GT   | YOKE ASSY, Z34 2WD RIGHT<br>includes 2 each index numbers 5 and 23 .....                        | 1    |
| 25   | 77692GT   | SCREW,HHC,3/8-16 X 1 GRD 8 .....                                                                | 4    |
| 26   | 6021GT    | WASHER, LOCK, .375 .....                                                                        | 4    |
| 27   | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                                                   | 4    |
| 28   | 45074GT   | WASHER,THRUST,1.5 X 3.5 X .187 .....                                                            | 2    |
| 29   | 40438GT   | COVR W/DECALS DR CHAS STR END* .....                                                            | 1    |
| 30   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                                  | 4    |
| 31   | 6356GT    | WASHER, LOCK, .25 .....                                                                         | 4    |
| 32   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                  | 4    |
| 33   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                                       | 4    |

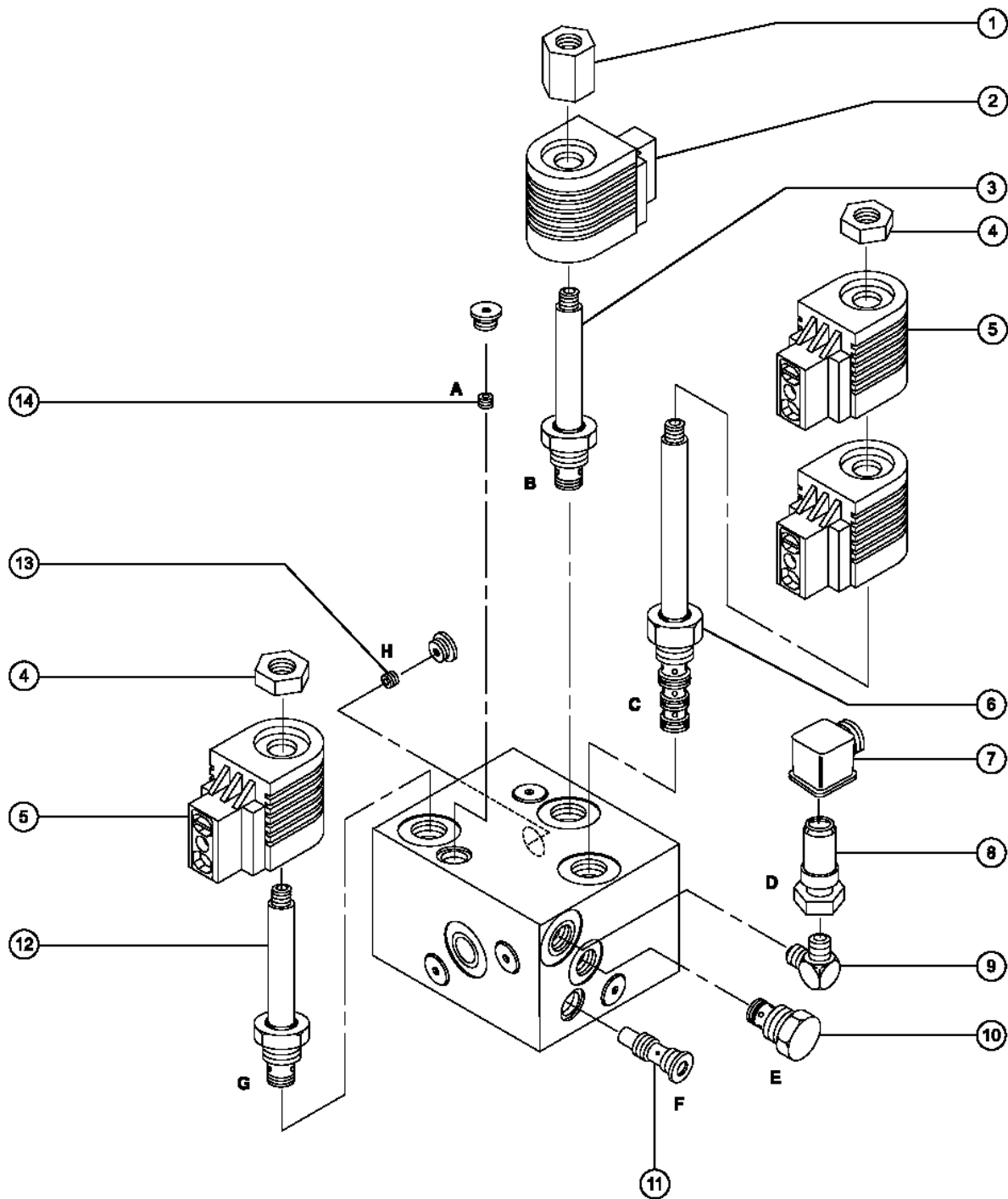
202.1 Steer/Brake Manifold





| Item | Part No.  | Description                                                                            | Qty. |
|------|-----------|----------------------------------------------------------------------------------------|------|
|      | 56015GT   | MANIFOLD,STEER BRAKE SEP-EX .....<br>Complete to SN 1111                               |      |
|      | 49612GT   | O-RING KIT (ORFS FITTINGS) .....<br>to SN 1111                                         |      |
|      | 49613GT   | PLUG AND CAP KIT-SERVICE,ORFS* .....<br>to SN 1111                                     |      |
|      | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD* .....<br>to SN 1111                                     |      |
|      | 33994GT   | PLUG AND CAP KIT-SERVICE,37?*** .....<br>to SN 1111                                    |      |
| 1    | 45912GT   | NUT,SOLENOID VALVE 2P3W .....<br>to SN 1111                                            | 1    |
| 2    | 52339GT   | COIL,SOLND,W/D,20V DUAL SPADE .....<br>to SN 1111                                      | 2    |
| 3    | 40423GT   | VALVE,SOLENOID,20V .....<br>includes index numbers 1 and 2; to SN 1111                 | 1    |
| 3-   | 74902GT   | SEAL KIT, VALVE .....<br>to SN 1111                                                    |      |
| 4    | 52943GT   | NUT, SOLENOID VALVE COIL .....<br>to SN 1111                                           | 2    |
| 5    | 40422GT   | COIL,SOLENOID,20V W/ DIODE,#10 .....<br>to SN 1111                                     | 2    |
| 6    | 52885GT   | VALVE,SOLENOID,3POS 4WAY .....<br>includes 1 each of index numbers 2 and 4; to SN 1111 | 1    |
| 6-   | 72047GT   | SEAL KIT, SOLENOID VALVE .....<br>to SN 1111                                           |      |
| 7    | 29063GT   | DIN CONNECTOR .....<br>to SN 1111                                                      | 1    |
| 8    | 1287986GT | SWITCH,PRESS,#6SAE,600 PSI .....<br>includes index number 7; to SN 1111                | 1    |
| 9    | 2166GT    | ELBOW,140239-4-4 .....<br>to SN 1111                                                   | 1    |
| 10   | 52615GT   | VALVE,FLOW REGULATOR 1.2 GPM .....<br>to SN 1111                                       | 1    |
| 10-  | 74902GT   | SEAL KIT, VALVE .....<br>to SN 1111                                                    |      |
| 11   | 43599GT   | VALVE,CHECK .....<br>to SN 1111                                                        | 1    |
| 11-  | 110200GT  | SEAL KIT, VALVE, #4 .....<br>to SN 1111                                                |      |
| 12   | 45544GT   | VALVE SOLENOID .....<br>includes 1 each of index numbers 4 and 5; to SN 1111           | 1    |
| 12-  | 52339GT   | COIL,SOLND,W/D,20V DUAL SPADE .....<br>to SN 1111                                      |      |
| 12-  | 74902GT   | SEAL KIT, VALVE .....<br>for 45544GT                                                   |      |
| 13   | 19789GT   | PLUG,ORIFICE-.045 .....<br>to SN 1111                                                  | 1    |
| 14   | 37075GT   | PLUG,ORIFICE,0.040 .....<br>to SN 1111                                                 | 1    |
| A    |           | Orifice Plug, 0.040 inch (1.02 mm)<br>Brake Circuit while Releasing Brakes; to SN 1111 |      |
| B    |           | Solenoid Valve<br>Brake Release Circuit; to SN 1111                                    |      |
| C    |           | Solenoid Valve, 3 position 4 way<br>Steer Left/Right; to SN 1111                       |      |

202.1 Steer/Brake Manifold

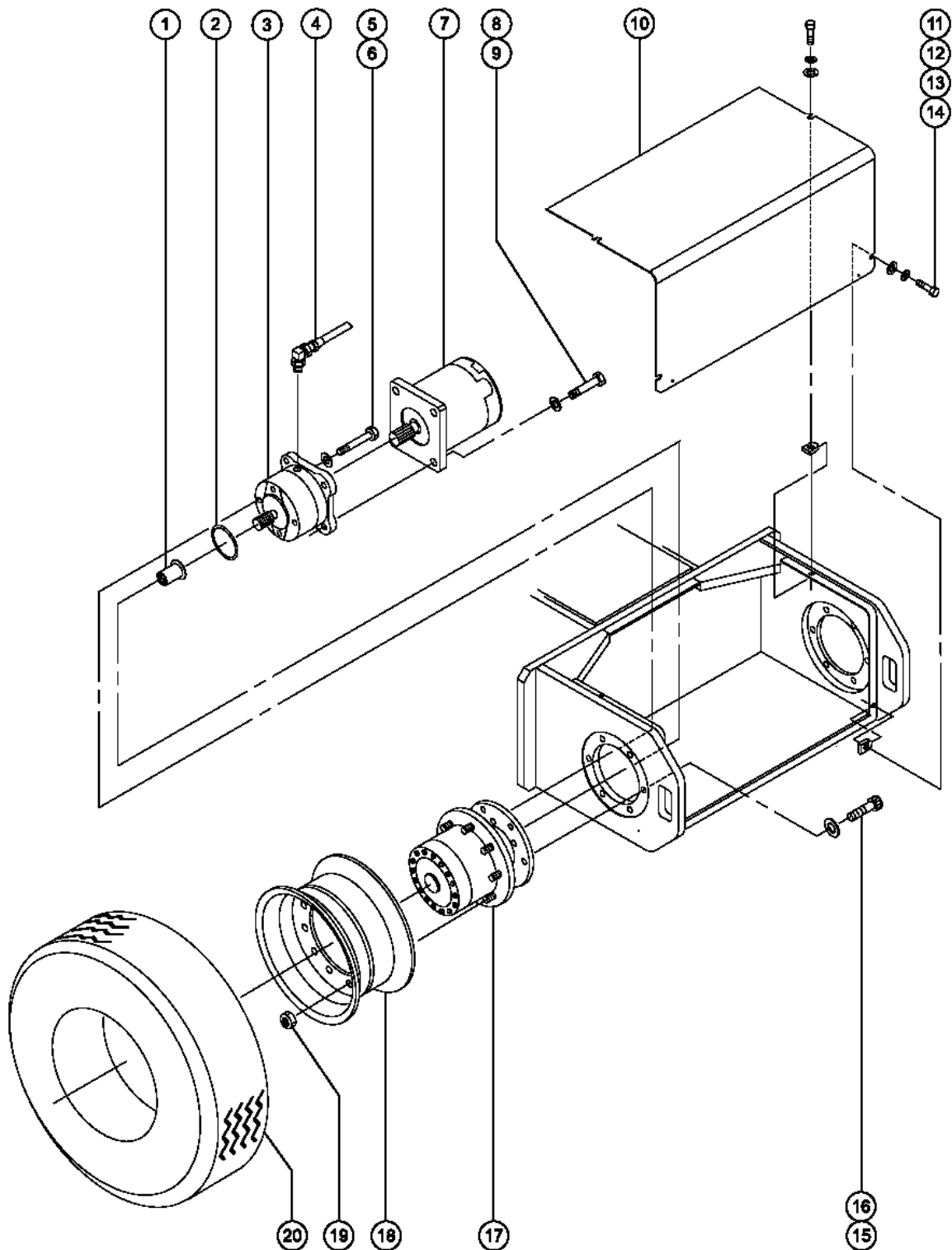


202.1 Steer/Brake Manifold

| Item | Part No. | Description                                                                                  | Qty. |
|------|----------|----------------------------------------------------------------------------------------------|------|
| D    |          | Pressure Switch<br>Pump Shut-off; to SN 1111 .....                                           |      |
| E    |          | Flow Regulator<br>Regulates Flow to Manifold; to SN 1111 .....                               |      |
| F    |          | Check Valve<br>Brake Circuit; to SN 1111 .....                                               |      |
| G    |          | Solenoid Valve<br>Brake Release, Half Stroke; to SN 1111 .....                               |      |
| H    |          | Orifice Plug, 0.045 inch (1.14 mm) Brake Circuit while Applying Brakes .....<br>from SN 1111 |      |

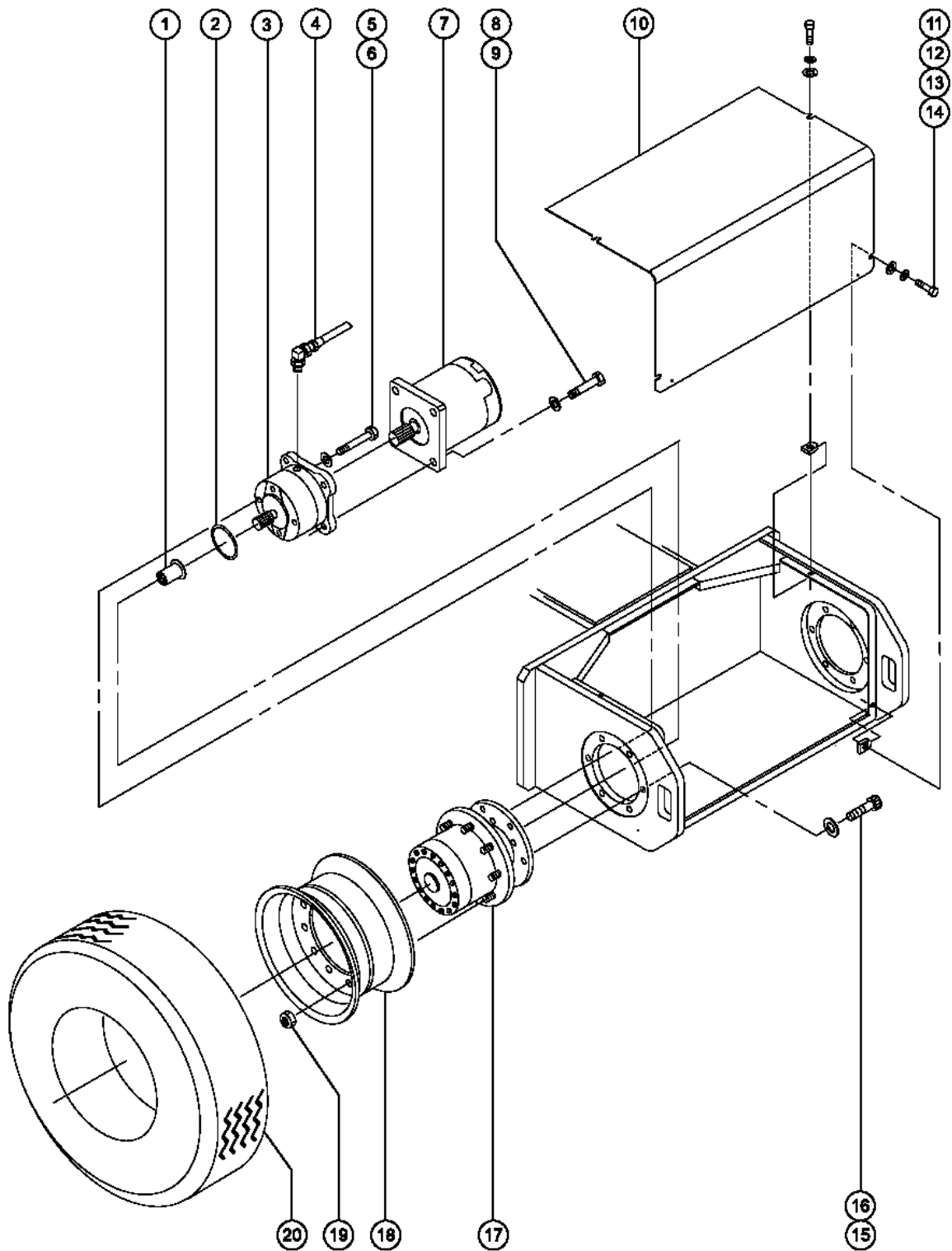


203.1 Non-steer Axle



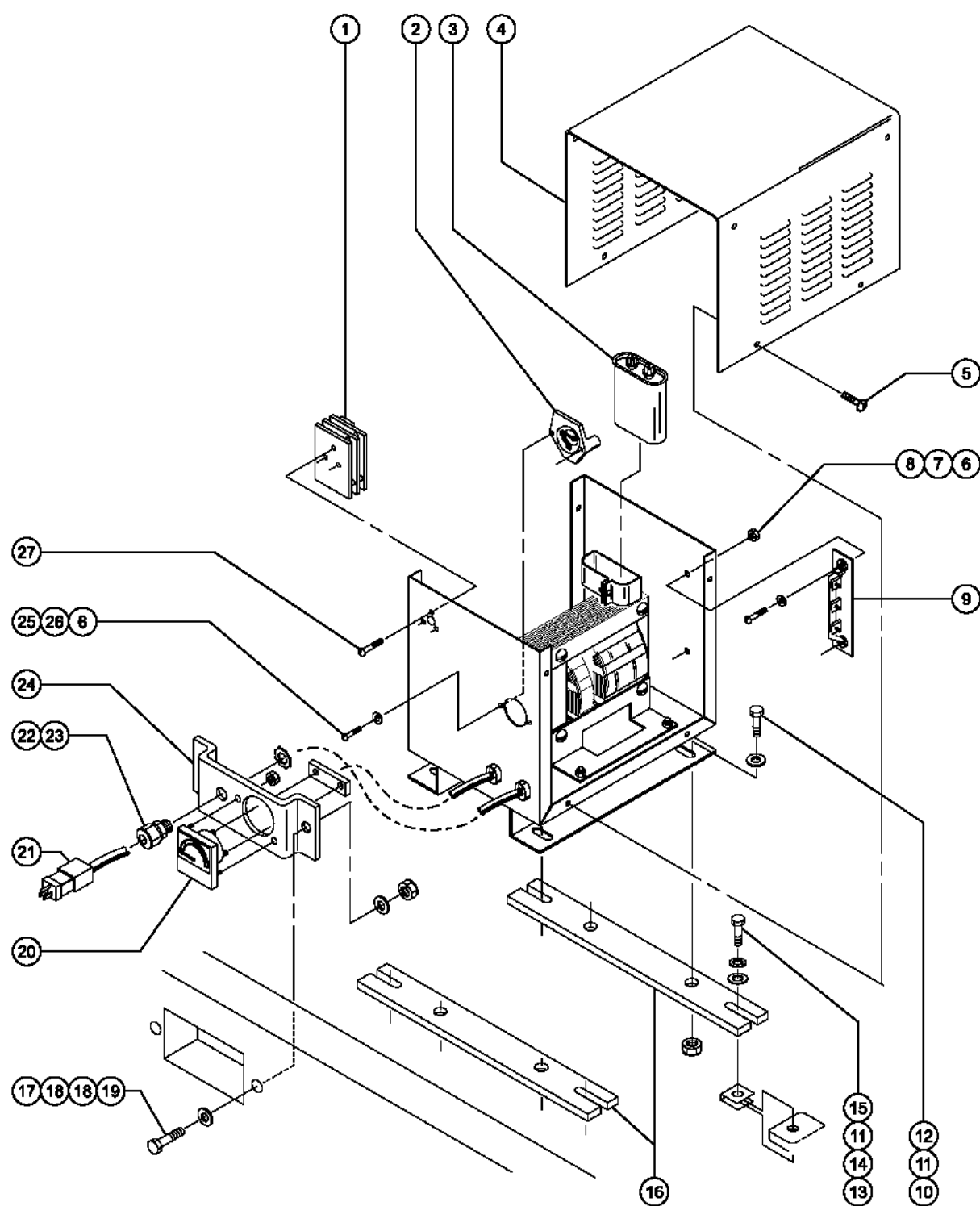
| Item | Part No.  | Description                                                                  | Qty. |
|------|-----------|------------------------------------------------------------------------------|------|
| 1    | 38113GT   | COUPLER,INTERNAL SPLINE,T-HUB .....                                          | 2    |
| 2    | 52087GT   | O-RING,2-044 BUNA*** .....                                                   | 2    |
| 3A   | 139351GT  | BRAKE, NEMA, 1200 IN/LB .....                                                | 2    |
| 3A-  | 65608GT   | BEARING KIT, AUSCO***<br>for 139351GT .....                                  |      |
| 3A-  | 139353GT  | STACK KIT, AUSCO 1200 IN/LB<br>for 139351GT .....                            |      |
| 3A-  | 139354GT  | O-RING KIT, AUSCO 1200 IN/LB<br>for 139351GT .....                           |      |
| 3A-  | 139355GT  | GASKET KIT, AUSCO 1200 IN/LB<br>for 139351GT .....                           |      |
| 3B   | 65618GT   | SEAL KIT,BRAKE***<br>for 101966GT brake .....                                |      |
| 3B-  | 94879GT   | LINING KIT***<br>for 101966GT brake .....                                    |      |
| 3B-  | 94880GT   | BEARING KIT<br>for 101966GT brake .....                                      |      |
| 3B-  | 52898GT   | SEAL KIT-AUSCO BRAKE(56272)***<br>for Ausco brake 56014GT .....              |      |
| 3B-  | 52899GT   | LINING KIT-AUSCO<br>for Ausco brake 56014GT .....                            |      |
| 3B-  | 52900GT   | BEARING KIT-AUSCO(56272)***<br>for Ausco brake 56014GT .....                 |      |
| 4    |           | Ref. Hydraulic Hoses and Fittings<br>refer to sections 208.1 and 209.1 ..... |      |
| 5    | 22790GT   | SCREW,SHC,1/2-13 X 3.5 .....                                                 | 4    |
| 6    | 6033GT    | WASHER,LOCK,0.5" .....                                                       | 4    |
| 7    | 36839GT   | MOTOR,TRACTION,24V.D.C.** .....                                              | 2    |
| 7-   | 31788GT   | DECAL,DANGER,BATTERY SAFETY*** .....                                         | 2    |
| 7-   | 37189GT   | SPRING, BRUSH RETAINER, 36182* .....                                         | 2    |
| 7-   | 44778GT   | BEARING,MOTOR,36843,BRUSH END* .....                                         | 2    |
| 8    | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                          | 4    |
| 9    | 6021GT    | WASHER, LOCK, .375 .....                                                     | 4    |
| 10   | 52694-SGT | COVER - CHASSIS W/DECALS, REAR .....                                         | 1    |
| 11   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                               | 4    |
| 12   | 6356GT    | WASHER, LOCK, .25 .....                                                      | 4    |
| 13   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                               | 4    |
| 14   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                    | 4    |
| 15   | 45066GT   | SCREW,SHC,5/8-11 X 2.25 .....                                                | 12   |

203.1 Non-steer Axle



| Item | Part No.  | Description                                                | Qty. |
|------|-----------|------------------------------------------------------------|------|
| 16   | 13064GT   | WASHER,FLAT,.625 HARDENED .....                            | 12   |
| 17   | 36260GT   | TORQUE HUB 49:1** .....                                    | 2    |
| 17-  | 1286606GT | SEAL KIT,TORQUE HUB (20193) .....                          |      |
| 17-  | 1286606GT | SEAL KIT,TORQUE HUB (20193) .....                          |      |
|      |           | for 36260                                                  |      |
| 17-  | 21143GT   | BEARING KIT (45553) TORQUE HUB .....                       | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 21149GT   | LUG,WHEEL STUD,5/8-18,W1/4HB** .....                       | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 58448GT   | KIT,TORQUE HUB COVER (45553)** .....                       | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 37097GT   | O-RING, TORQUE HUB .....                                   | 2    |
|      |           | included in seal kit 21142GT                               |      |
| 17-  | 21148GT   | WASHER,THRUST,TORQUE HUB .....                             | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 21146GT   | COVER CAP,TORQUE HUB*** .....                              | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 21144GT   | CAP,DISENGAGE-45553 TORQUE HUB .....                       | 2    |
|      |           | for 36260                                                  |      |
| 17-  | 21145GT   | DISCONNECT ROD-45553 TQ.HUB .....                          | 2    |
|      |           | for 36260                                                  |      |
| 18   | 54139GT   | WHEEL,14.5 X 7 .....                                       | 2    |
| 18-  | 42145GT   | WHEEL,16.5 X 8.25,9 HOLE/9.5BC .....                       | 2    |
| 19   | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                       | 18   |
| 20A  | 45094GT   | WHEEL ASSY, INDUSTRIAL, AF .....                           | 2    |
|      |           | Industrial, Air-filled, 9 hole x 9.5 inch BC               |      |
| 20A- | 54140GT   | TUBELESS PNEUMATIC TIRE,9-14LT .....                       |      |
|      |           | for 45094GT                                                |      |
| 20A- | 54139GT   | WHEEL,14.5 X 7 .....                                       |      |
|      |           | for 45094GT                                                |      |
| 20B  | 40136GT   | WHEEL ASSY, INDUSTRIAL, AF NM .....                        |      |
|      |           | Industrial, Air-filled, Non-marking, 9 hole x 9.5 inch BC  |      |
| 20B- | 54140GT   | TUBELESS PNEUMATIC TIRE,9-14LT .....                       |      |
|      |           | for 40136GT                                                |      |
| 20B- | 54139GT   | WHEEL,14.5 X 7 .....                                       |      |
|      |           | for 40136GT                                                |      |
| 20C  | 1267847GT | WHEEL ASSY, INDUSTRIAL, FF .....                           |      |
|      |           | Industrial, Foam-filled, 9 hole x 9.5 inch BC              |      |
| 20D  | 1267845GT | WHEEL ASSY, INDUSTRIAL, FF NM .....                        |      |
|      |           | Industrial, Foam-filled, Non-marking, 9 hole x 9.5 inch BC |      |

204.1 Battery Charger

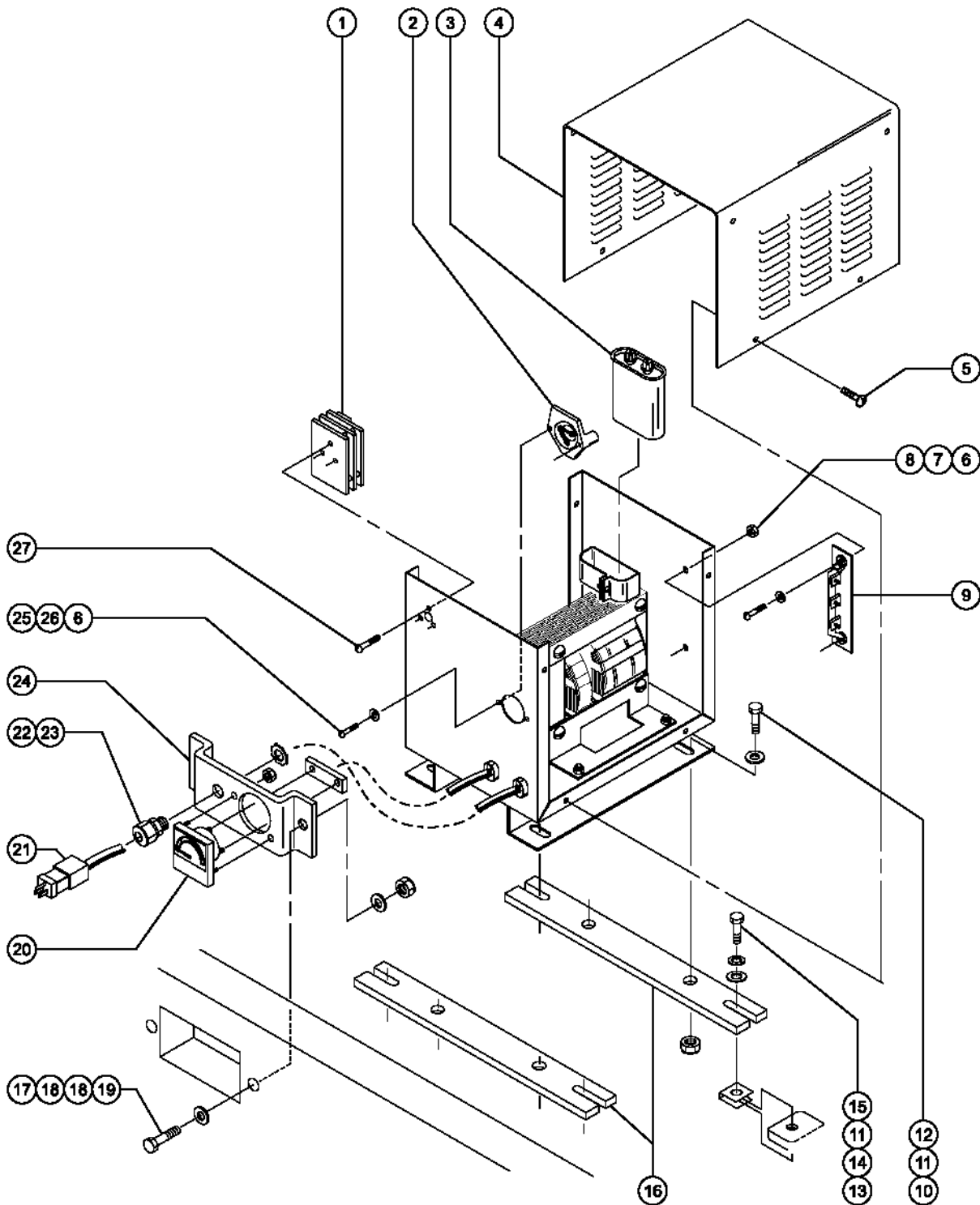




## 204.1 Battery Charger

| Item | Part No.  | Description                               | Qty. |
|------|-----------|-------------------------------------------|------|
|      | 54794GT   | CHARGER,48V,110VAC,60H,25A .....          |      |
|      | 54795GT   | CHARGER,48V,200-250VAC,50H,25A .....      |      |
|      | 54796GT   | CHARGER,48V,200-250VAC,60H,25A .....      |      |
|      | 54797GT   | CHARGER,48V,100-125VAC,60H,25A .....      |      |
|      | 101703GT  | CHARGER,48V,100-125VAC,50H,25A .....      |      |
| 1A   | 27263GT   | TIMER (23442)(41896)(36314) .....         | 1    |
| 1B   | 27830GT   | TIMER(24059,41897,41898,41899) .....      | 1    |
| 1C   | 18078GT   | RELAY,CHARGER TIMER** .....               | 1    |
| 1D   | 19533GT   | RELAY,CHARGER .TIMER(19531/32) .....      | 1    |
| 2    | 13008-6GT | FUSE ASSY-BOOM CHARGER .....              | 1    |
| 3    | 13008-3GT | CAPACITOR,6 MFD,660VAC-CHARGR* .....      | 1    |
| 4    | 40532GT   | CASE COVER ONLY 18710/18720 .....         | 1    |
| 5    | 40537GT   | SCREW,CHARGER COVER,#10 X .5 .....        | 8    |
| 6    | 6178GT    | NUT, NYLOCK, 10-32 .....                  | 4    |
| 7    | 6146GT    | WASHER,FLAT,MS,#10,Y .....                | 2    |
| 8    | 40538GT   | SCREW,HEATSINK/DIODE ASSY .....           | 2    |
| 9    | 27262GT   | HEATSINK ASSY W/DIODES (23442) .....      | 1    |
| 10   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....            | 4    |
| 11   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....            | 8    |
| 12   | 6091GT    | NUT,NYLOCK,1/4-20 .....                   | 4    |
| 13   | 6888GT    | SCREW, HHC, 1/4-20 X 1 .....              | 4    |
| 14   | 6356GT    | WASHER, LOCK, .25 .....                   | 4    |
| 15   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG ..... | 4    |
| 16   | 36269GT   | PLATE,CHARGER MOUNT .....                 | 2    |
| 17   | 14033GT   | SCREW, HHC, 3/8-16 X 2.75 .....           | 2    |
| 18   | 6097GT    | WASHER, FLAT, USS, 3/8", Y .....          | 2    |
| 19   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                 | 2    |
| 20   |           | AMMETER-BOOM CHARGER .....                | 1    |
|      |           | no longer available                       |      |

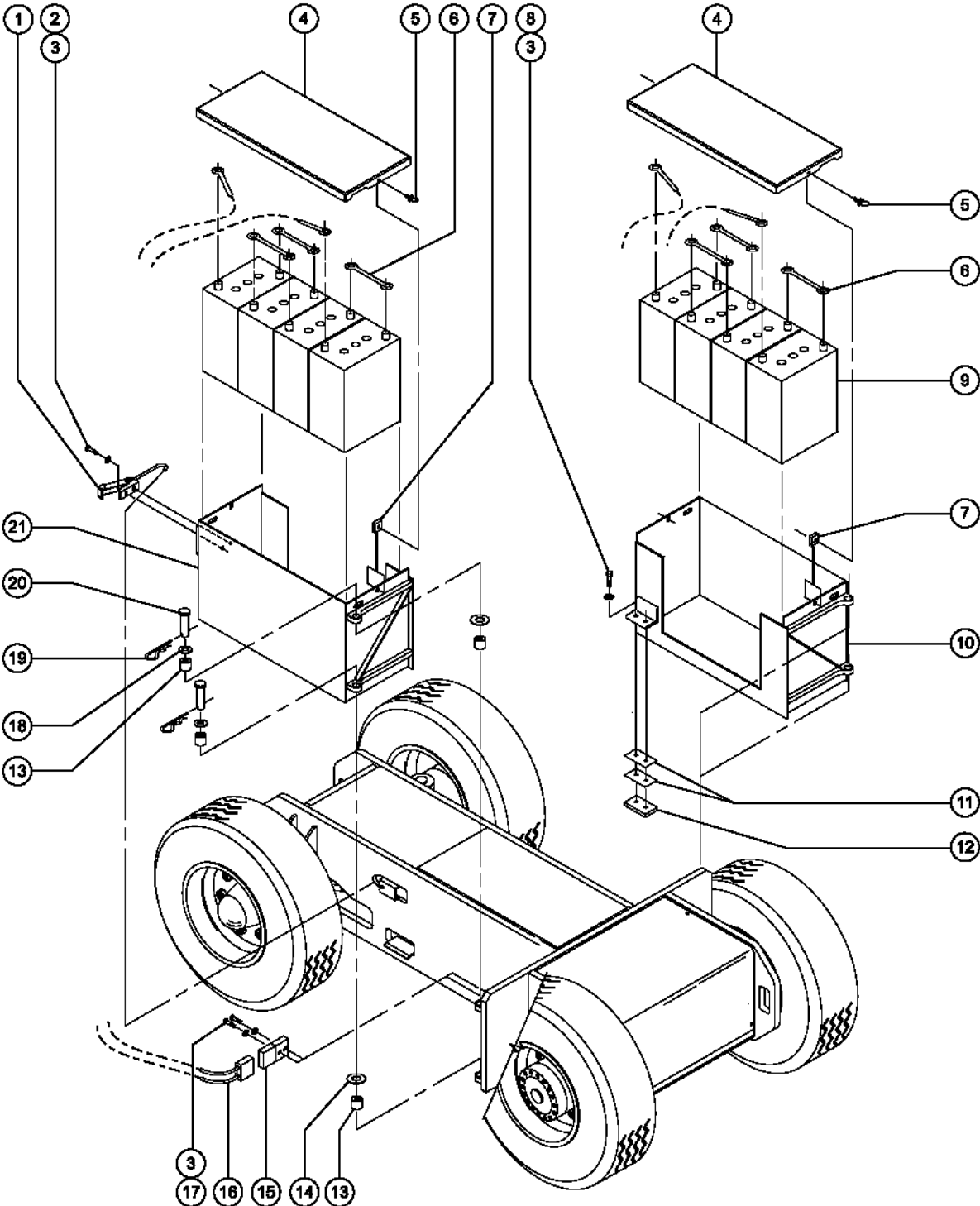
204.1 Battery Charger



## 204.1 Battery Charger

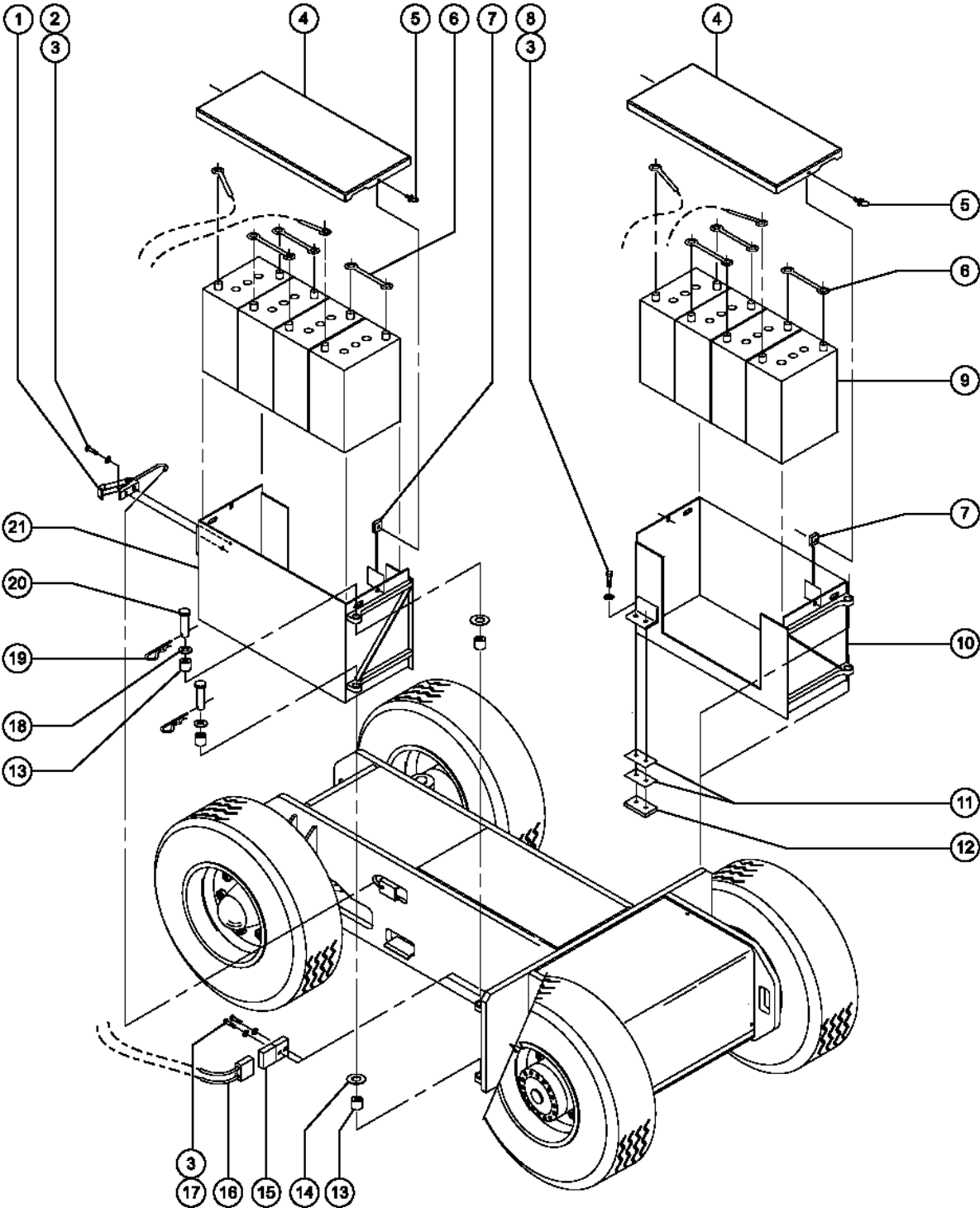
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 21          | 6595GT          | PLUG,ELECTRICAL,DOMESTIC .....       | 1           |
| 21-         | 66666GT         | SPRING, COMPRESSION .....            | 1           |
| 22          | 7056GT          | CONN,SQUEEZE,1/2NPT .38-.50,SM ..... | 1           |
| 23          | 6935GT          | CONN, SQZ, 1/2NPT, LOCKNUT .....     | 1           |
| 24          | 36313GT         | BRACKET,CHARGER GAUGE MOUNTING ..... | 1           |
| 25          | 40533GT         | SCREW,FUSE ASSY,#7 PHMS X .625 ..... | 2           |
| 26          | 40534GT         | WASHER,LOCK,#10, CHARGER FUSE .....  | 2           |
| 27          | 40536GT         | SCREW,TIMER,#8 PHMS X.375 .....      | 2           |

205.1 Battery Packs



| Item | Part No.  | Description                                | Qty. |
|------|-----------|--------------------------------------------|------|
| 1    | 27126GT   | LATCH,DRAW,ADJUSTABLE .....                | 2    |
| 2    | 7339GT    | SCREW,HHC,1/4-20 X .5 .....                | 4    |
| 3    | 6356GT    | WASHER, LOCK, .25 .....                    | 12   |
| 4A   | 40442GT   | COVER, BATTERY BOX W/DECALS .....          | 2    |
|      |           | 14.38 inches x 30.88 inches                |      |
| 4B   | 74704PGT  | COVER,BATTERY BOX** .....                  | 2    |
|      |           | 13.36 inches x 29.50 inches                |      |
| 5    | 36424GT   | THUMB SCREW W/SHOULDER 3/8-16 .....        | 4    |
| 6    | 19520GT   | BATTERY CABLE ASSY,9.5"JUMPER .....        | 6    |
| 6-   | 8910GT    | BOOT,CABLE TERM,MED.RED,4/0 .....          | 6    |
| 7    | 29868GT   | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....   | 4    |
| 8    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....             | 4    |
| 9    | 44820GT   | BATTERY,DRY,315AH GROUP 4H .....           | 8    |
| 10   | 52860-SGT | BATTERY BOX W/DECALS, ENG.SIDE .....       | 1    |
|      |           | includes index numbers 1-4, 6-8, and 11-13 |      |
| 11A  | 45382GT   | SHIM,PRIMARY BOOM,.052 THK. ....           | 4    |
| 11B  | 45465GT   | SHIM,PRIMARY BOOM,.022 THICK .....         | 2    |
| 12   | 45209GT   | WEAR PAD,4X2X.5 W/INSERT*** .....          | 2    |
| 13   | 36369GT   | BEARING,0.75IDX1.00ODX0.75L .....          | 8    |
| 14   | 36212GT   | WASHER,THRUST,.75 X 1.38X.13 .....         | 4    |
| 15-  | 22433GT   | ANDERSON HOUSING,15-45,AMP,WHT .....       | 1    |
| 15-  | 22432GT   | ANDERSON HOUSING,15-45 AMP BLK .....       | 1    |
| 15-  | 45202GT   | PIN,ROLL,.094 X .875 .....                 | 1    |
| 15-  | 22431GT   | TERMINAL,ANDERSON,30A 12-16 GA .....       | 1    |
| 15-  | 128138GT  | CONN HOUSING SBX175, BATT .....            | 1    |
| 16A  | 52961-SGT | BATTERY CABLE ASSY .....                   | 1    |
|      | 94652GT   | WIRE LOOM,1/2DIA.SLIT HI-TEMP* .....       |      |
| 16B  | 52962-SGT | BATTERY CABLE ASSY .....                   | 1    |
| 16-  | 22433GT   | ANDERSON HOUSING,15-45,AMP,WHT .....       | 1    |
| 16-  | 22432GT   | ANDERSON HOUSING,15-45 AMP BLK .....       | 1    |
| 16-  | 45202GT   | PIN,ROLL,.094 X .875 .....                 | 1    |

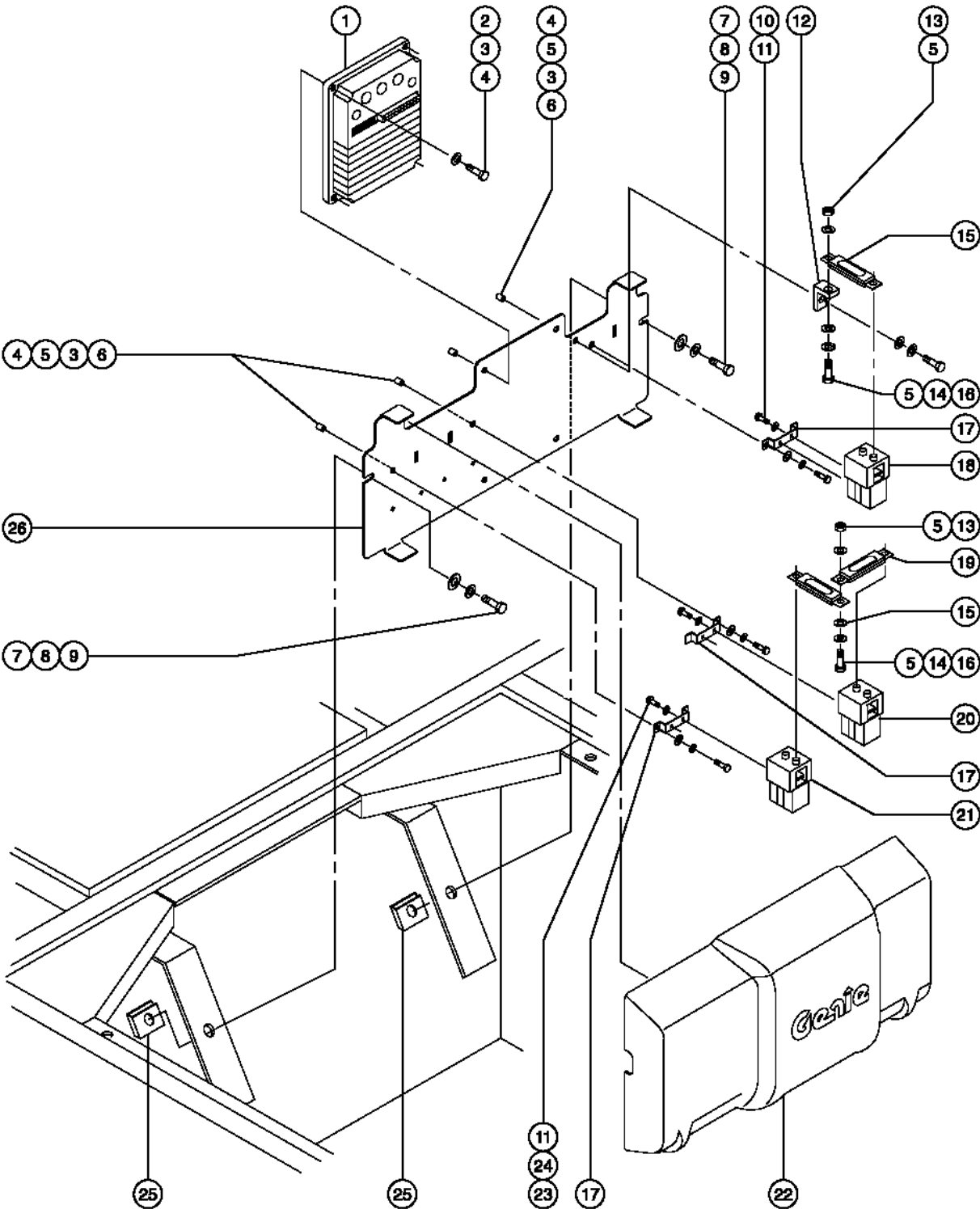
205.1 Battery Packs



## 205.1 Battery Packs

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                 | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------------------------|-------------|
| 16-         | 22431GT         | TERMINAL,ANDERSON,30A 12-16 GA .....                                               | 1           |
| 16-         | 128138GT        | CONN HOUSING SBX175, BATT .....                                                    | 1           |
| 17          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                                       | 4           |
| 18          | 6563GT          | WASHER,SHIM,.75 X 1.125 X.030 .....                                                |             |
| 19          | 21253GT         | CLIP, HAIR PIN, .125 X 2 .....                                                     | 4           |
| 20          | 36875GT         | PIN,CLEVIS,.75 X 2.25 LG .....                                                     | 4           |
| 21          | 52861-SGT       | BATTERY BOX W/DECAL, G.C. SIDE<br>includes index numbers 1-4, 6-8, and 11-13 ..... | 1           |

206.1 Electronic Control Module

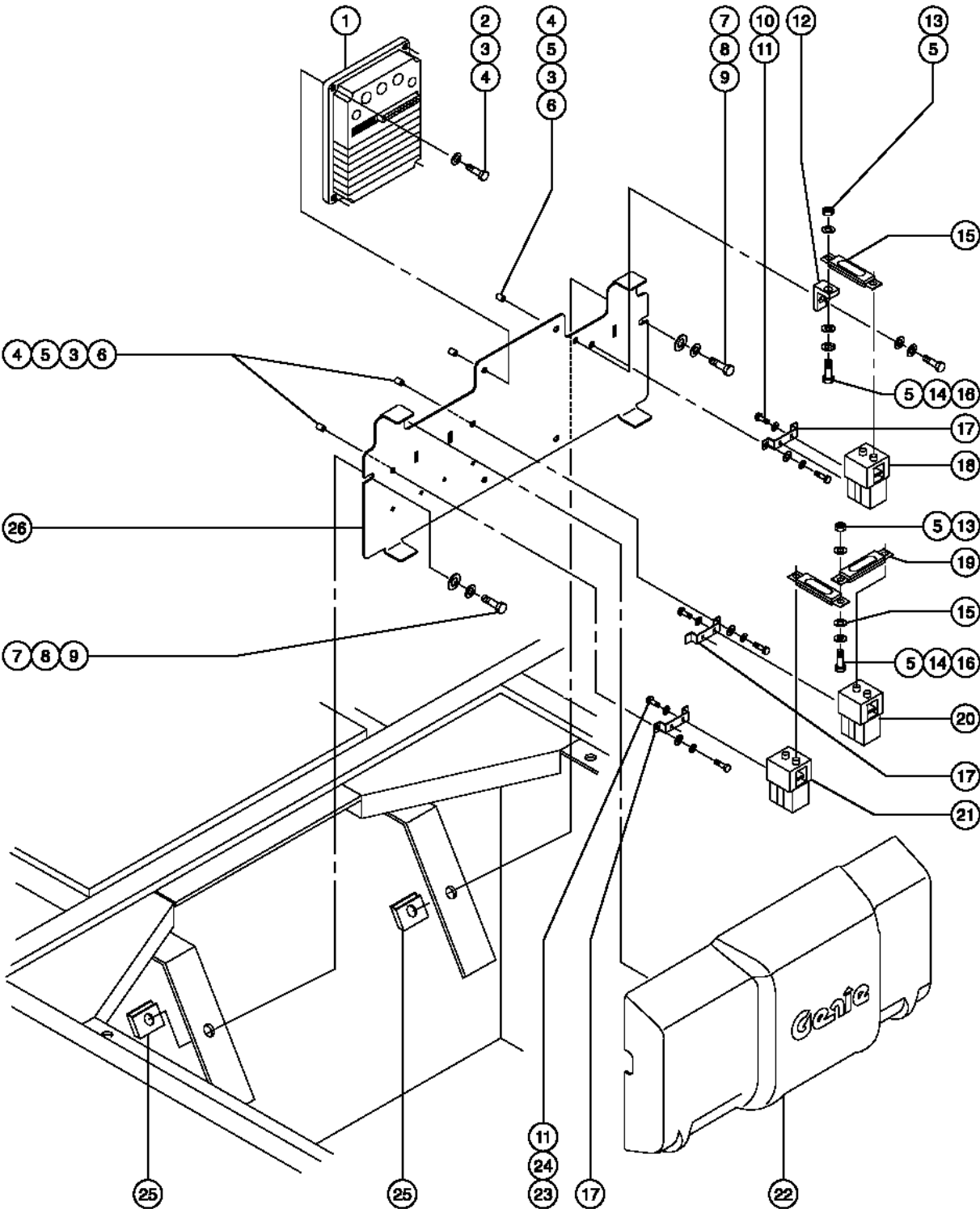




## 206.1 Electronic Control Module

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------------------------------------------------------|-------------|
| 1           | 128965GT        | KIT CONTROL SEPEX UPGRADE 34BI .....<br>includes 128336, wire harness and fasteners | 1           |
| 1-          | 56562GT         | TOOL,TERMINAL EXTRACTOR,MOLEX .....                                                 |             |
| 1-          | 56561GT         | TOOL,TERMINAL CRIMPER,MOLEX*** .....                                                |             |
| 1-          | 128598GT        | HARNESS RETRO 24V RELAY .....                                                       |             |
| 1-          | 128336GT        | CONTROLLER,SEPEX Z34DC/BE .....                                                     | 1           |
| 2           | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                                        | 4           |
| 3           | 6356GT          | WASHER, LOCK, .25 .....                                                             | 6           |
| 4           | 23404GT         | NUTSERT,1/4-20,STEEL CAD PLTD .....                                                 | 10          |
| 5           | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                                      | 11          |
| 6           | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....                                                      | 7           |
| 7           | 13002GT         | SCREW,HHC,5/16-18 X 1 GR5 .....                                                     | 2           |
| 8           | 6886GT          | WASHER,LOCK,.313 .....                                                              | 2           |
| 9           | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....                                                    | 2           |
| 10          | 22542GT         | M4 X 5 PHILLIPS (CHEESEHEAD) .....                                                  | 2           |
| 11          | 6146GT          | WASHER,FLAT,MS,#10,Y .....                                                          | 6           |
| 12          | 56281GT         | ANGLE,FUSE MOUNT .....                                                              | 1           |
| 13          | 22571GT         | NUT,HEX,M8 X 1.25 .....                                                             | 2           |
| 14          | 49408GT         | WASHER, LOCK, M8 .....                                                              | 2           |
| 15          | 36355GT         | FUSE,100 AMP,VERY FAST ACTING .....                                                 | 2           |
| 16          | 49379GT         | SCREW,HHC,M8 X 1.25 X 25 .....                                                      | 2           |
| 17          | 56095-SGT       | Mount - Contactor .....                                                             | 3           |
| 18          | 74268GT         | CONTACTOR,AUX PUMP 24V,80A*** .....                                                 | 1           |
| 18-         | 23844GT         | SPRING,RETURN,19549 CONTACTOR .....                                                 | 1           |
| 18-         | 22263GT         | CONTACT,STATIONARY,19549RELAY* .....                                                | 1           |
| 18-         | 22264GT         | CONTACT,MOVEABLE,19550 RELAY .....                                                  | 1           |
| 18-         | 74495GT         | SPRING, RETURN (FOR 74268) .....                                                    | 1           |
| 19          | 43179GT         | FUSE,500 AMP,VERY FAST ACTING .....                                                 | 1           |
| 20          | 74267GT         | CONTACTOR,DRIVE,24V,180A*** .....                                                   | 2           |

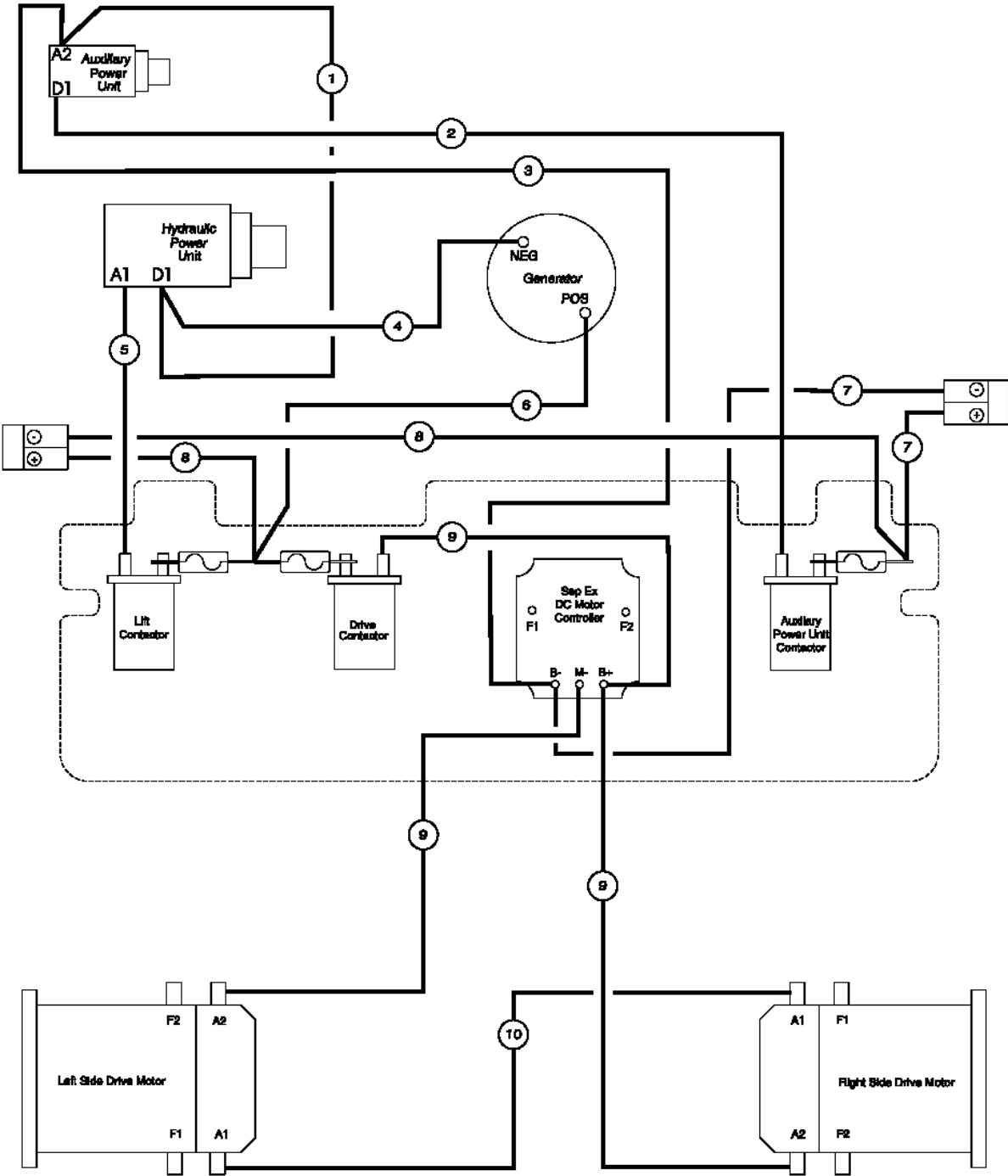
206.1 Electronic Control Module



## 206.1 Electronic Control Module

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                           | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------|-------------|
| 20-         | 23845GT         | SPRING,RETURN .....                          | 2           |
| 20-         | 22264GT         | CONTACT,MOVEABLE,19550 RELAY .....           | 2           |
| 20-         | 22265GT         | CONTACT,STATIONRY,19550 RELAY .....          | 2           |
| 21          | 1270457GT       | CONTACTOR, DRIVE, 24V, 180A UNBRANDED .....  | 1           |
| 21-         | 62696GT         | CONTACT-MOVEABLE (56434)** .....             | 1           |
| 21-         | 62697GT         | SPRING-RETURN<br>for contactor 56434GT ..... | 1           |
| 21-         | 74471GT         | SPRING,RETURN (74266) .....                  |             |
| 21-         | 62695GT         | CONTACT,STATIONARY (56434)** .....           | 1           |
| 22          | 56019GT         | Cover - Controller Mount Plate .....         | 1           |
| 23          | 49818GT         | SCREW,PHILLIPS,PHM,10-32 X .38 .....         | 4           |
| 24          | 6607GT          | WASHER,LOCK,#10 PLTD .....                   | 4           |
| 25          | 36456GT         | SPRING CLIP,5/16-18,.025-.15X.83,ZAG .....   | 2           |
| 26          | 56097-SGT       | Mount - Controller .....                     | 1           |

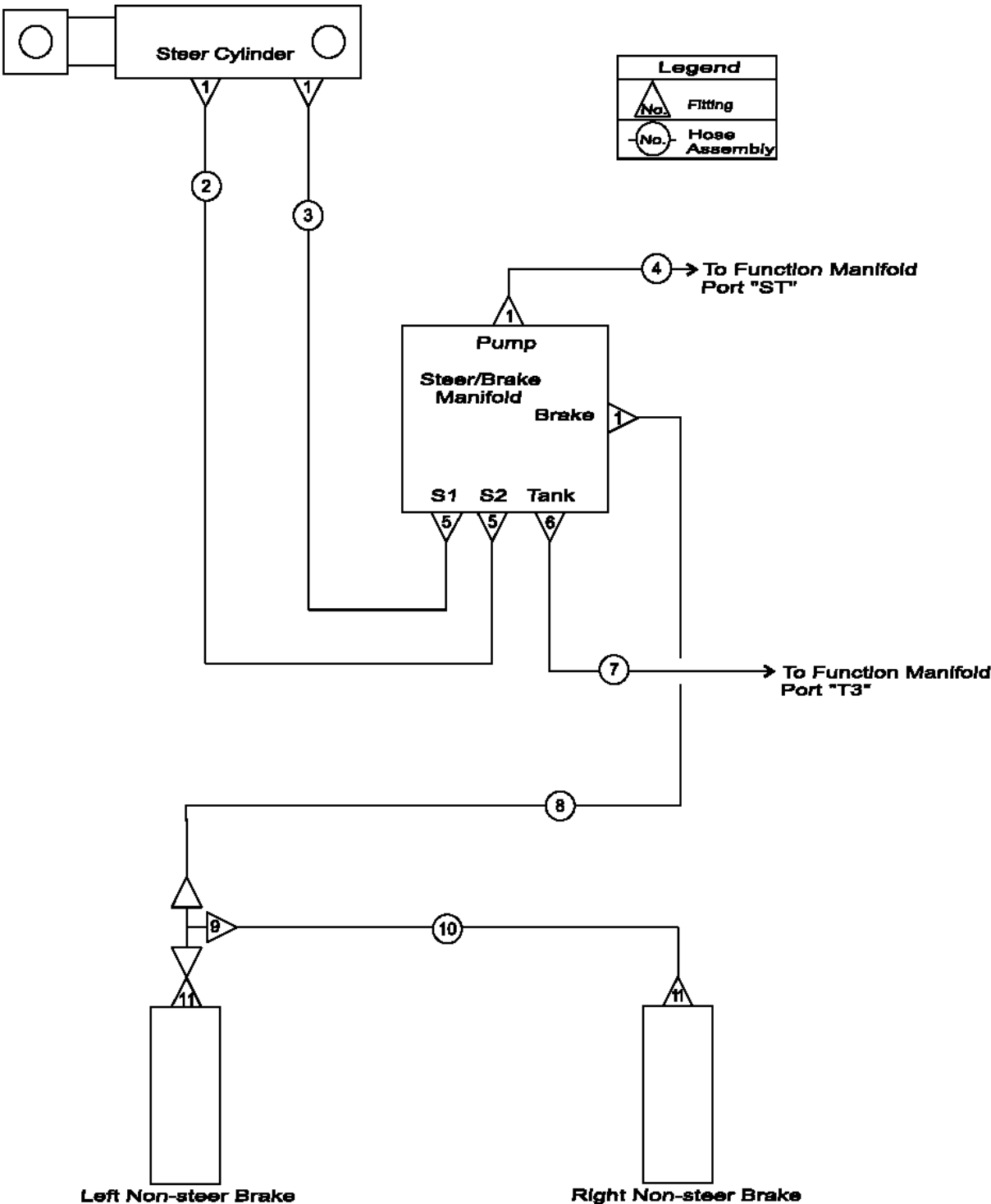
207.1 Power Cables



## 207.1 Power Cables

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 52871GT         | CABLE ASSY, BLACK, 13", Z34BIE ..... | 1           |
| 2           | 52874GT         | CABLE ASSY-RED, 94" Z34 BIE .....    | 1           |
| 3           | 52872GT         | CABLE ASSY-RED, 97" Z34 BIE .....    | 1           |
| 4           | 52870GT         | CABLE ASSY, BLACK, 31" Z34BIE .....  | 1           |
| 5           | 52873GT         | CABLE ASSY-RED, 91", Z34BIE .....    | 1           |
| 6           | 52869GT         | CABLE ASSY, BLACK, 109",Z34BIE ..... | 1           |
| 7           | 52798GT         | BATTERY CABLE ASSY. Z34 BIE .....    | 1           |
| 7-          | 128138GT        | CONN HOUSING SBX175, BATT .....      | 1           |
| 8           | 52797GT         | BATTERY CABLE ASSEMBLY Z34 BIE ..... | 1           |
| 8-          | 128138GT        | CONN HOUSING SBX175, BATT .....      | 1           |
| 9           | 52799GT         | CABLE ASSY, BLACK, 16", Z34BIE ..... | 3           |
| 10          | 52868GT         | CABLE ASSY, BLACK, 25" Z34BIE .....  | 1           |

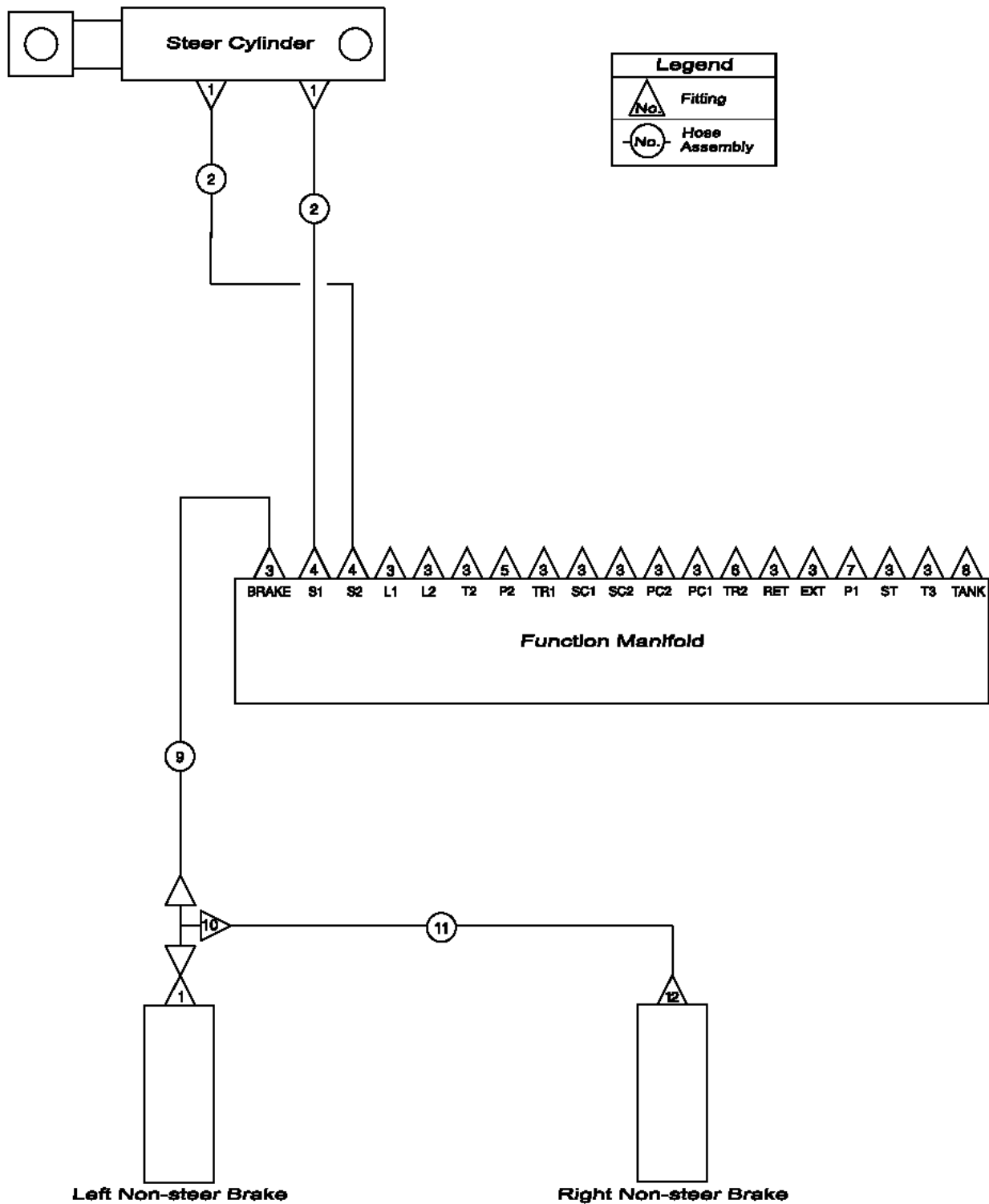
208.1 Hydraulic Hoses and Fittings - Drive Chassis



## 208.1 Hydraulic Hoses and Fittings - Drive Chassis

| Item | Part No.  | Description                                                         | Qty. |
|------|-----------|---------------------------------------------------------------------|------|
|      | 49612GT   | O-RING KIT (ORFS FITTINGS) .....<br>to SN 1111                      |      |
|      | 49613GT   | PLUG AND CAP KIT-SERVICE,ORFS* .....<br>to SN 1111                  |      |
|      | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD* .....<br>to SN 1111                  |      |
|      | 33994GT   | PLUG AND CAP KIT-SERVICE,37?** .....<br>to SN 1111                  |      |
| 1    | 48911GT   | ELBOW,90D,520220-4-6*** .....<br>to SN 1111                         | 4    |
| 2    | 56026-SGT | Hose Assembly - Components: @ 21 inches (54 cm) .....<br>to SN 1111 | 1    |
| 3    | 42846-SGT | HOSE ASSY,S1 TO STEER CYL BASE .....<br>to SN 1111                  | 1    |
| 4    | 56122-SGT | HOSE ASSY,STR/BRK MAN-FUNC MAN .....<br>to SN 1111                  | 1    |
| 5    | 48912GT   | CONN,520120-4-6*** .....<br>to SN 1111                              | 2    |
| 6    | 49418GT   | FITTING,ELBOW,45D,520320-4-6** .....<br>to SN 1111                  | 1    |
| 7    | 56121-SGT | HOSE ASSY-'TANK'TO 'T3' .....<br>to SN 1111                         | 1    |
| 8    | 42851-SGT | HOSE ASSY,"BRK" TO LR DRV.MTR .....<br>to SN 1111                   | 1    |
| 9    | 48908GT   | FITTING,TEE,RUN,SWIVEL520432-4 .....<br>to SN 1111                  | 1    |
| 10   | 42848-SGT | HOSE ASSY,JUMPER HOSE RGT-LFT .....<br>to SN 1111                   | 1    |
| 11   | 48904GT   | ELBOW, 90D, 520220-4 .....<br>to SN 1111                            | 2    |

209.1 Hydraulic Hoses and Fittings - Drive Chassis

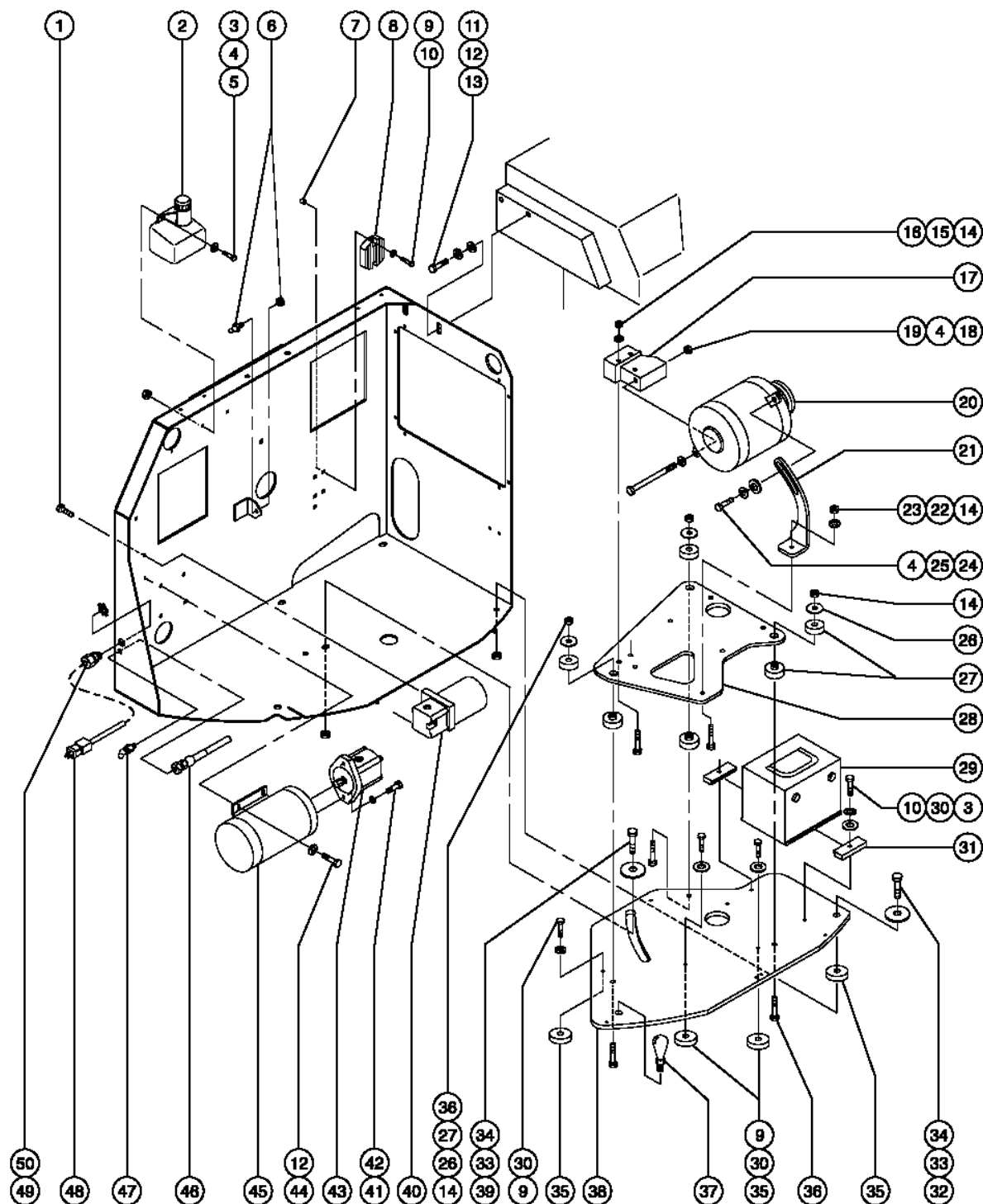




## 209.1 Hydraulic Hoses and Fittings - Drive Chassis

| Item | Part No.  | Description                                                            | Qty. |
|------|-----------|------------------------------------------------------------------------|------|
|      | 49612GT   | O-RING KIT (ORFS FITTINGS) .....<br>from SN 1112                       |      |
|      | 49613GT   | PLUG AND CAP KIT-SERVICE,ORFS* .....<br>from SN 1112                   |      |
|      | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD* .....<br>from SN 1112                   |      |
|      | 33994GT   | PLUG AND CAP KIT-SERVICE,37?** .....<br>from SN 1112                   |      |
| 1    | 48911GT   | ELBOW,90D,520220-4-6*** .....<br>from SN 1112                          | 3    |
| 2    | 56314-SGT | Hose Assembly - Components: @ 73 inches (186 cm) .....<br>from SN 1112 | 2    |
| 3    | 48912GT   | CONN,520120-4-6*** .....<br>from SN 1112                               | 13   |
| 4    | 49418GT   | FITTING,ELBOW,45D,520320-4-6** .....<br>from SN 1112                   | 2    |
| 5    | 48905GT   | CONNECTOR, 520120-4 .....<br>from SN 1112                              | 1    |
| 6    | 48900GT   | CONN,520120-4-6,.035,ORI .....<br>from SN 1112                         | 1    |
| 7    | 48916GT   | CONN, 520120-6 .....<br>from SN 1112                                   | 1    |
| 8    | 48933GT   | CONN,520120-8*** .....<br>from SN 1112                                 | 1    |
| 9    | 56255-SGT | Hose Assembly - Components: @ 78 inches (197 cm) .....<br>from SN 1112 | 1    |
| 10   | 48908GT   | FITTING,TEE,RUN,SWIVEL520432-4 .....<br>from SN 1112                   | 1    |
| 11   | 42848-SGT | HOSE ASSY,JUMPER HOSE RGT-LFT .....<br>from SN 1112                    | 1    |
| 12   | 48904GT   | ELBOW, 90D, 520220-4 .....<br>from SN 1112                             | 2    |

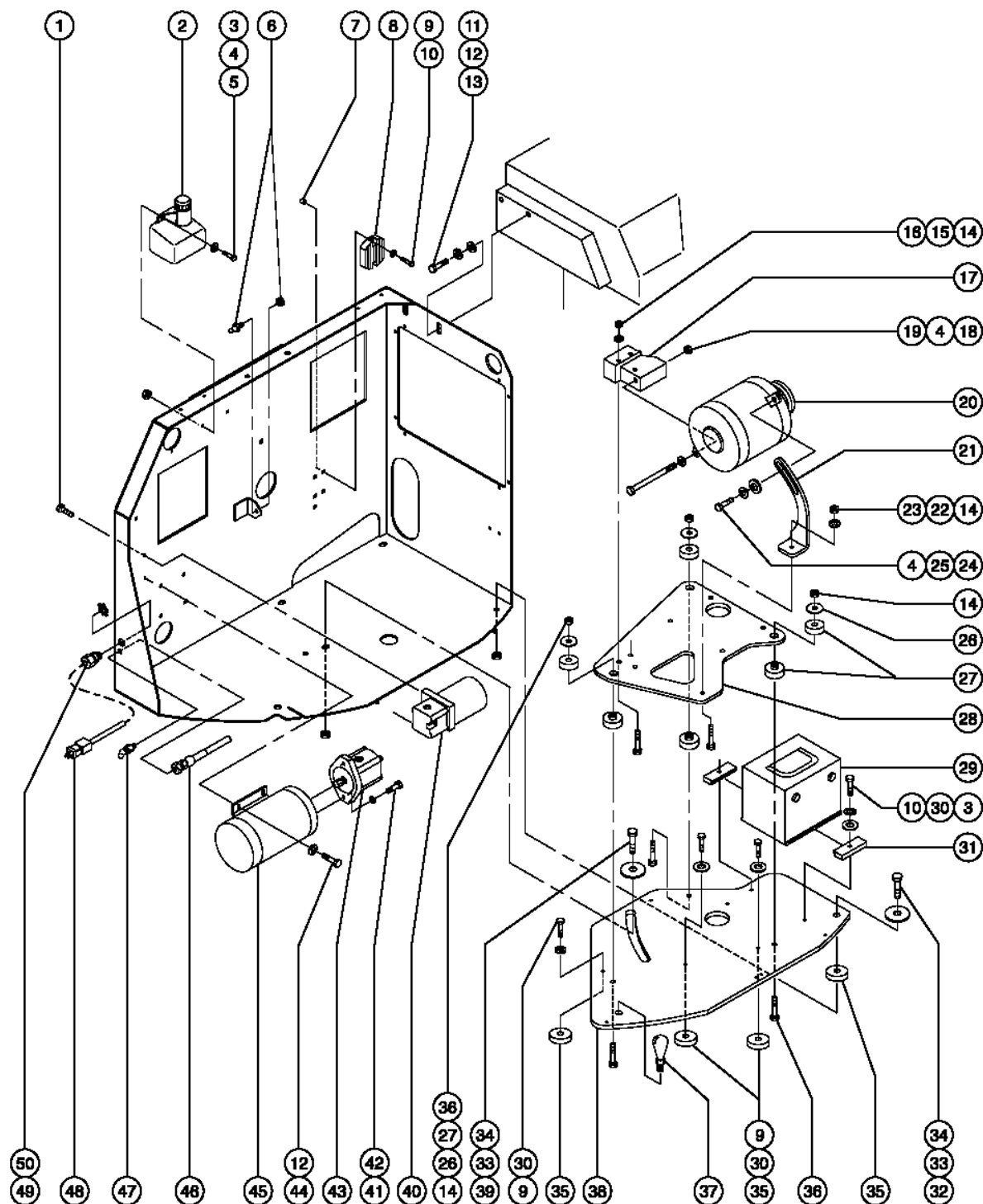
301.1 Engine Pivot Plate Components



## 301.1 Engine Pivot Plate Components

| Item | Part No.  | Description                                                  | Qty. |
|------|-----------|--------------------------------------------------------------|------|
| 1    | 18506GT   | SCREW 5/16-18 X .75 LG.FLG.LCK. ....                         | 2    |
| 2    | 42662GT   | COOLANT RECOVERY BOTTLE1.5 QT* ....                          | 1    |
| 3    | 7339GT    | SCREW,HHC,1/4-20 X .5 ....                                   | 3    |
| 4    | 6095GT    | WASHER,FLAT,USS,1/2",Y ....                                  | 4    |
| 5    | 6091GT    | NUT,NYLOCK,1/4-20 ....                                       | 2    |
| 6    | 62706GT   | BALL STUD,5/16-18 (56295) ....<br>includes mounting fastener | 1    |
| 7    | 23404GT   | NUTSERT,1/4-20,STEEL CAD PLTD ....                           | 2    |
| 8    | 62085GT   | REGULATOR-VOLTAGE(Z482-E) ....                               | 1    |
| 9    | 6888GT    | SCREW, HHC, 1/4-20 X 1 ....                                  | 6    |
| 10   | 6638GT    | WASHER, FLAT, USS, 1/4"Y ....                                | 4    |
| 11   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 ....                           | 2    |
| 12   | 6021GT    | WASHER, LOCK, .375 ....                                      | 4    |
| 13   | 15086GT   | WASHER,FLAT,.375 X 1.5 X .125 ....                           | 2    |
| 14   | 4828GT    | NUT, NYLOCK, 3/8-16 ....                                     | 6    |
| 15   | 5397GT    | WASHER, FLAT, USS, 5/16-18 ....                              | 2    |
| 16   | 21604GT   | SCREW,HHC,3/8-16 X 3.25 ....                                 | 2    |
| 17   | 56007GT   | BRACKET,ALTERNATOR MOUNT ....                                | 1    |
| 18   | 6198GT    | NUT, NYLOCK, 1/2-13 ....                                     | 1    |
| 19   | 13005GT   | SCREW,HHC,1/2-13 X 6,GRD.8 ....                              | 1    |
| 20   | 54463-SGT | ALTRNTR,48VDC 100A,SERV VERS** ....                          | 1    |
| 20-  | 56283GT   | PULLEY,3.15 OD ....                                          | 1    |
| 20-  | 56290GT   | NUT,LOCK,5/8-18 ....                                         | 1    |
| 20-  | 56291GT   | WASHER,HARDENED,5/8 ....                                     | 1    |
| 20-  | 56292GT   | KEY,WOODRUFF,5/32X3/4 KEY #506 ....                          | 1    |
| 20-  | 54446GT   | REGULATOR,48 VOLTAGE,BI ENERGY ....                          | 1    |
| 20-  | 56445GT   | DIODE,6 AMP 200 PIV,REEL ....                                |      |
| 21   | 56033GT   | BRACKET,ALTERNATOR ADJUSTMENT ....                           | 1    |
| 22   | 6097GT    | WASHER, FLAT, USS, 3/8", Y ....                              | 1    |

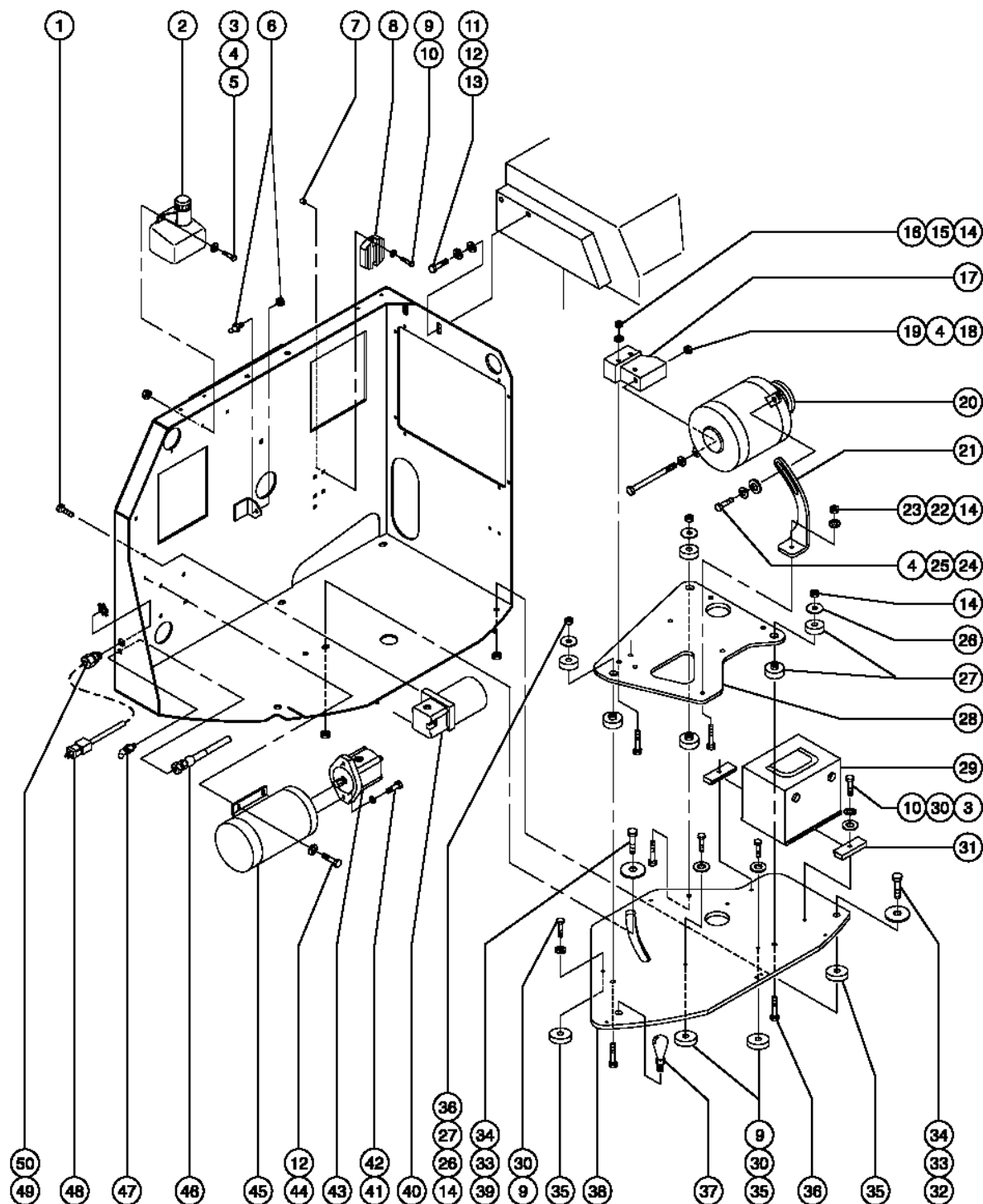
301.1 Engine Pivot Plate Components



## 301.1 Engine Pivot Plate Components

| Item | Part No.  | Description                                                                                                                    | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------|------|
| 23   | 8516GT    | SCREW, HCC, 3/8-16 X 1.50 .....                                                                                                | 1    |
| 24   | 8177GT    | SCREW,HHC,1/2-13 X 1.5 .....                                                                                                   | 1    |
| 25   | 6033GT    | WASHER,LOCK,0.5" .....                                                                                                         | 1    |
| 26   | 24040GT   | WASHER, 1/2 PLATE (1/2 X 2.25 X 3/16) .....                                                                                    | 3    |
| 27   | 24038GT   | SHOCK MOUNT,SMALL .....                                                                                                        | 6    |
| 28   | 56089GT   | PLATE,ENGINE GENERATOR MOUNT .....                                                                                             | 1    |
| 29   | 1303584GT | BATTERY, 12V, 500CCA, FLA .....                                                                                                | 1    |
| 30   | 6356GT    | WASHER, LOCK, .25 .....                                                                                                        | 5    |
| 31   | 56054GT   | BATTERY HOLD DOWN .....                                                                                                        | 2    |
| 32   | 42124GT   | SCREW,SHS,1/2-13 X 1.25 .....                                                                                                  | 1    |
| 33   | 6035GT    | WASHER,FLAT,USS,5/8",Y .....                                                                                                   | 2    |
| 34   | 6086GT    | NUT,LP NYLOCK,1/2-13 .....                                                                                                     | 2    |
| 35   | 56093GT   | WEAR PAD ROUND .....                                                                                                           | 4    |
| 36   | 14033GT   | SCREW, HHC, 3/8-16 X 2.75 .....                                                                                                | 3    |
| 37   | 44160GT   | LOCK PIN ASSY,3.00" .....                                                                                                      | 1    |
| 37-  | 39470GT   | PIN, LOCK .....                                                                                                                | 1    |
| 37-  | 39469GT   | SPRING, COMPRESSION .485 X 1.75** .....                                                                                        | 1    |
| 37-  | 41630GT   | HOUSING, LOCK PIN .....                                                                                                        | 1    |
| 37-  | 40835GT   | AIR TO PLATFORM-SCR .....                                                                                                      | 1    |
| 38   | 56092GT   | PLATE,ENGINE SWING-OUT .....                                                                                                   | 1    |
| 39   | 56124GT   | BOLT,SHOULDER .....                                                                                                            | 1    |
| 40   | 36179GT   | POWER UNIT,AUX PUMP 24VDC .....                                                                                                | 1    |
| 40-  | 37185GT   | PUMP ASSEMBLY (36179)<br>Part 37185GT is no longer backwards compatible with 37184GT. Order complete Aux<br>Pump 36179GT ..... | 1    |
| 40-  | 37187GT   | SEAL KIT, 37185 PUMP .....                                                                                                     | 1    |
| 40-  | 37186GT   | VALVE,CHECK (36179) .....                                                                                                      | 1    |
| 40-  | 37191GT   | GASKET, PUMP / MOTOR (36179) .....                                                                                             | 1    |
| 40-  | 37192GT   | COUPLER, PUMP / MOTOR (36179) .....                                                                                            | 1    |
| 40-  | 37184GT   | MOTOR, 24V (36179) .....                                                                                                       | 1    |

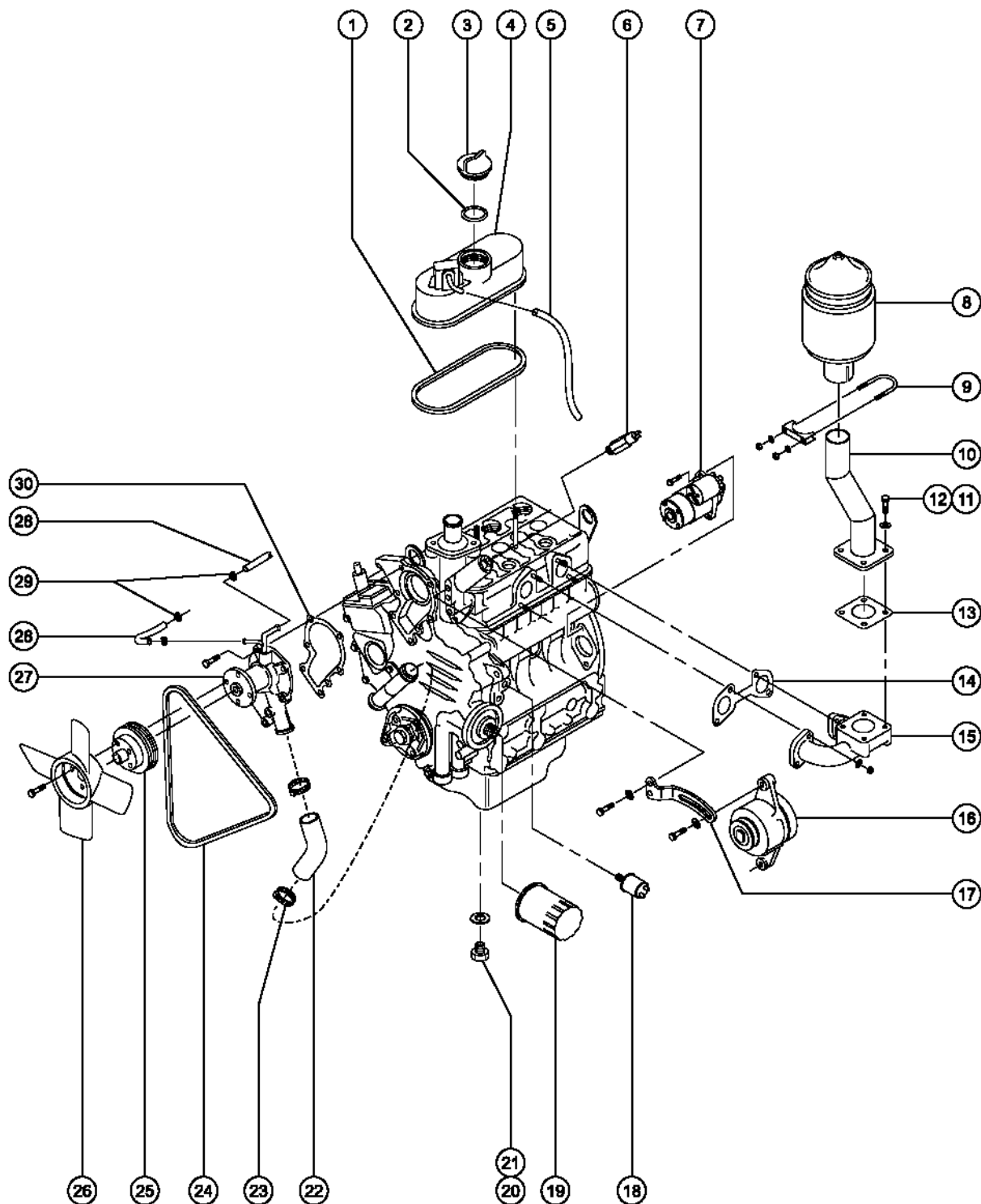
301.1 Engine Pivot Plate Components



## 301.1 Engine Pivot Plate Components

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                         | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------|-------------|
| 40-         | 49878GT         | NYLON WASHER,(36179) .....                                 | 1           |
| 41          | 32317GT         | SCREW,HHC,3/8-24 X 1 GR 8 YEL .....                        | 2           |
| 42          | 32317GT         | SCREW,HHC,3/8-24 X 1 GR 8 YEL .....                        | 2           |
| 43          | 77981GT         | PUMP,LIFT,3CC,CCW*** .....                                 | 1           |
| 43-         | 77990GT         | KIT,SEAL,3CC PUMP*** .....                                 | 1           |
| 43-         | 43685GT         | SEAL KIT,LIFT PUMP,BARNES**<br>for lift pump 39563GT ..... | 1           |
| 44          | 77692GT         | SCREW,HHC,3/8-16 X 1 GRD 8 .....                           | 2           |
| 45          |                 | MOTOR,48V-2800RPM 2.8HP .....                              | 1           |
|             |                 | refer to figure 305.1                                      |             |
| 46          | 56120GT         | HOSE ASSY-GREASE POINT TO APU .....                        | 1           |
| 47          | 22794GT         | ZERK,GREASE,1/8 NPT,45DEG .....                            | 1           |
| 48A         | 6595GT          | PLUG,ELECTRICAL,DOMESTIC .....                             | 1           |
| 48B         | 1280665GT       | PLUG, TYPE F, 230A, 50HZ, 16A, IP44 .....                  | 1           |
| 49          | 7056GT          | CONN,SQUEEZE,1/2NPT .38-.50,SM .....                       | 1           |
| 50          | 6935GT          | CONN, SQZ, 1/2NPT, LOCKNUT .....                           | 1           |

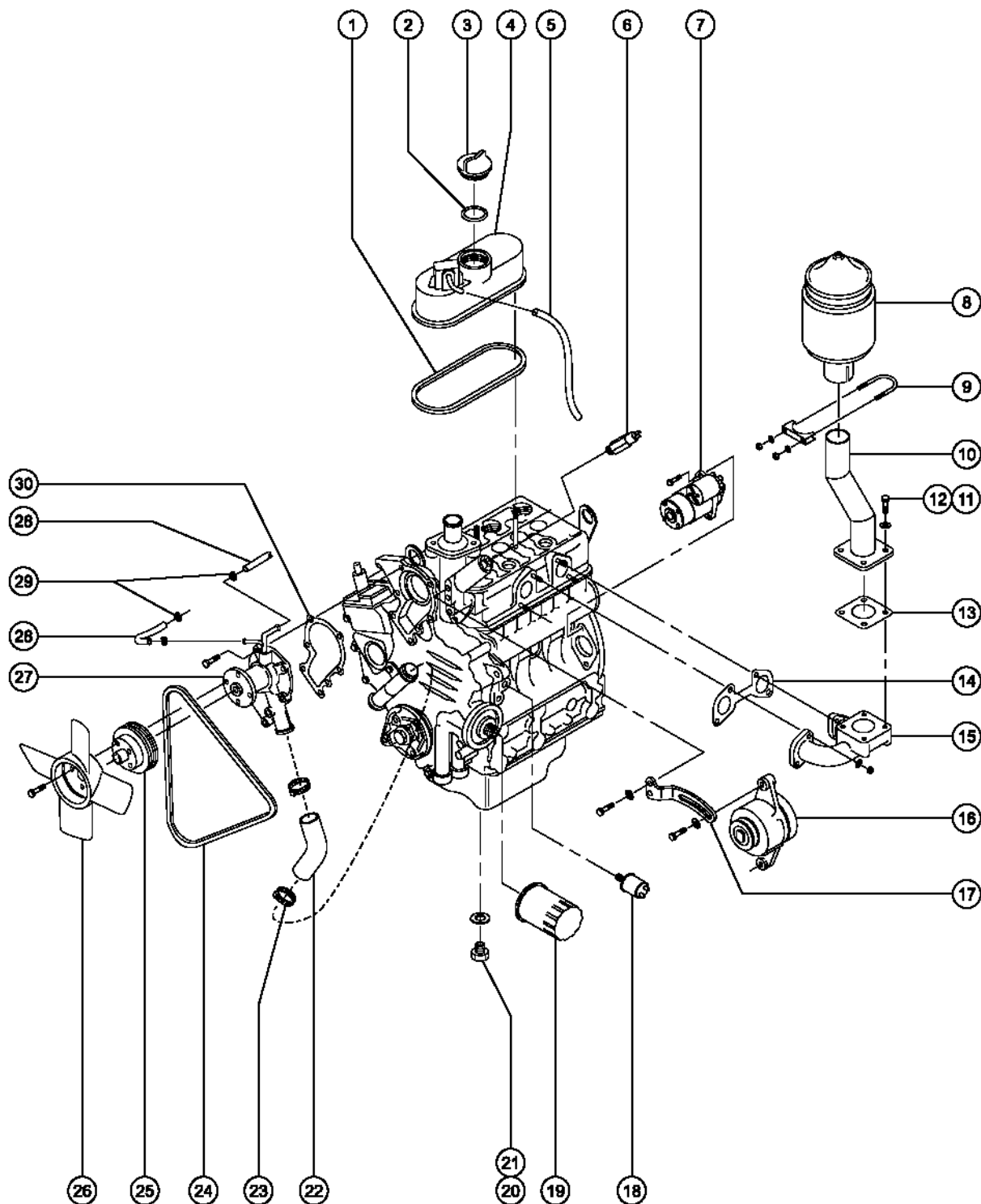
302.1 Kubota Z482-E diesel Engine, View 1





| Item | Part No. | Description                                                                       | Qty. |
|------|----------|-----------------------------------------------------------------------------------|------|
| 1    | 52806GT  | GASKET-VALVE COVER Z482-E .....                                                   | 1    |
| 2    | 22903GT  | O-RING,OIL FILLER PLUG,KUBOTA* .....                                              | 1    |
| 3    | 52808GT  | PLUG,OIL FILLER Z482,Z34/22BE*<br>use until exhausted, (replaced by 839151) ..... | 1    |
| 3B   | 839151GT | KUBOTA OIL FILLER PLUG,V1305 .....                                                | 1    |
| 4    | 52807GT  | COVER-VALVE Z482, Z34/22BE .....                                                  | 1    |
| 5    | 52809GT  | PIPE-BREATHER Z482, Z34/22BE .....                                                | 1    |
| 6    | 56085GT  | SENDING UNIT,WATER TEMP*** .....                                                  | 1    |
| 7    | 52810GT  | STARTER MOTOR Z482, Z34/22BE .....                                                | 1    |
| 7-   | 23457GT  | SOLENOID,STARTER,WG750B .....                                                     | 1    |
| 8    | 22046GT  | MUFFLER,SUPERTRAPP .....                                                          | 1    |
| 9    | 32064GT  | CLAMP,MUFFLER,1.75 INCH .....                                                     | 1    |
| 10   | 56062GT  | WELDMENT,EXHAUST EXTENSION .....                                                  | 1    |
| 11   | 25929GT  | SCREW,HHC,M8 X 30MM,GRD 8.8 .....                                                 | 4    |
| 12   | 6886GT   | WASHER,LOCK, .313 .....                                                           | 4    |
| 13   | 832128GT | GASKET,MUFFLER,KUBOTA D905/11 .....                                               | 1    |
| 14   | 52812GT  | GASKET-EXHAUST MANIFOLD Z482 .....                                                | 1    |
| 15   | 52813GT  | EXHAUST MANIFOLD, Z482-E .....                                                    | 1    |
| 16   | 84043GT  | ALTERNATOR,30 A*** .....                                                          | 1    |
| 17   | 44184GT  | ALTERNATOR STAY,WG750*** .....                                                    | 1    |
| 18   | 52815GT  | SENDING UNIT-OIL PRES. Z482-E .....                                               | 1    |
| 19   | 866400GT | KUBOTA OIL FILTER .....                                                           | 1    |
| 20   | 52532GT  | PLUG,ENGINE OIL DRAIN,D-905*** .....                                              | 1    |
| 21   | 52517GT  | GASKET-OIL DRAIN, DF750 .....                                                     | 1    |
| 22   | 32067GT  | HOSE,WATER PUMP,KUBOTA** .....                                                    | 1    |
| 23   | 32066GT  | CLAMP,HOSE,KUBOTA WG750 .....                                                     | 2    |
| 24   | 52816GT  | BELT,FAN,KUBOTA DF972/Z482-E .....                                                | 1    |
| 25   | 23469GT  | PULLEY,FAN,WG750B*** .....                                                        | 1    |
| 26   | 52818GT  | FAN, KUBOTA Z482-E .....                                                          | 1    |

302.1 Kubota Z482-E diesel Engine, View 1

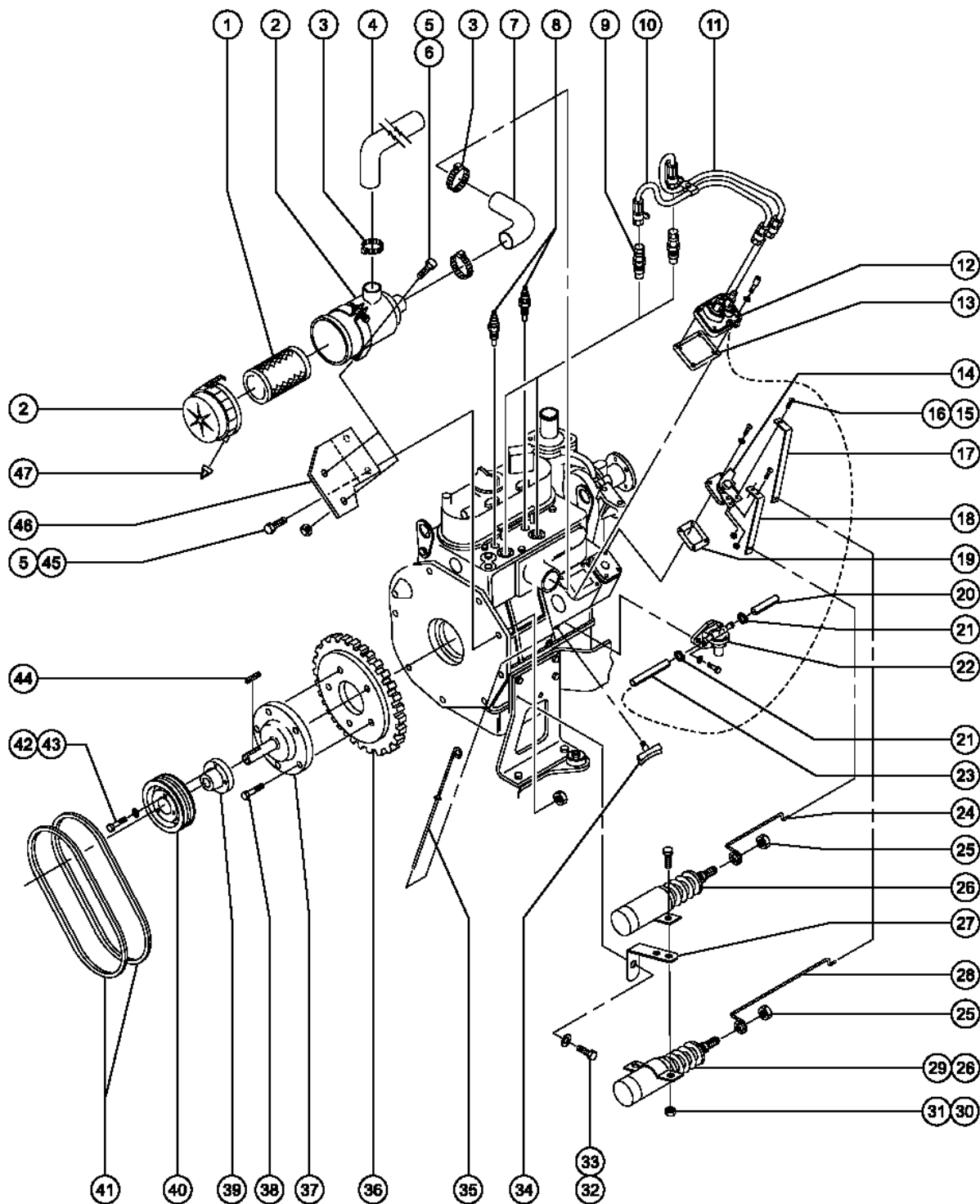


302.1 Kubota Z482-E diesel Engine, View 1

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 27   | 52819GT  | PUMP-WATER, KUBOTA Z482-E .....      | 1    |
| 28   | 32200GT  | HOSE,WATER PUMP RETURN,D905 .....    | 1    |
| 29   | 32069GT  | CLAMP,HOSE,KUBOTA WG750 .....        | 4    |
| 30   | 23472GT  | GASKET,WATER PUMPWG750B/Z482-E ..... | 1    |



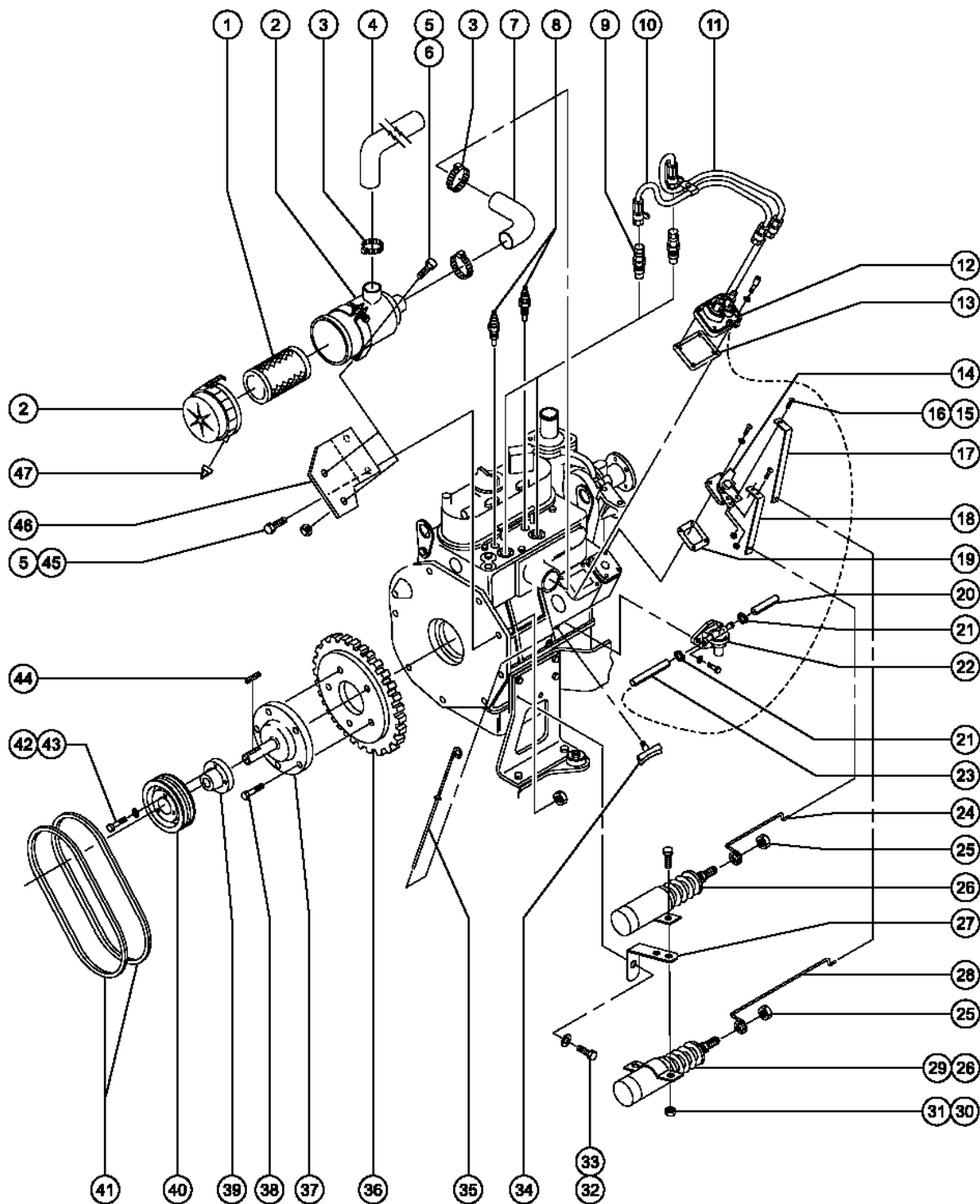
303.1 Kubota Z482-E Diesel Engine, View 2



## 303.1 Kubota Z482-E Diesel Engine, View 2

| Item | Part No. | Description                                                                | Qty. |
|------|----------|----------------------------------------------------------------------------|------|
| 1    | 52867GT  | FILTER,AIR*** .....                                                        | 1    |
| 2    | 119684GT | AIR CLEANER ASSEMBLY<br>includes index numbers 1, 3 through 7 and 47 ..... | 1    |
| 3    | 22672GT  | CLAMP,HOSE,1.75 .....                                                      | 1    |
| 4    | 56059GT  | HOSE,ELBOW AIR CLEANER IN .....                                            | 1    |
| 5    | 18506GT  | SCREW 5/16-18 X .75 LG.FLG.LCK. ....                                       | 4    |
| 6    | 6782GT   | NUT, NYLOCK, 5/16-18 .....                                                 | 2    |
| 7    | 56060GT  | HOSE,INTAKE AIR,ELBOW .....                                                | 1    |
| 8    | 839119GT | KUBOTA GLOW PLUG .....                                                     | 2    |
|      |          | (replaced PN 52941)                                                        |      |
| 9    | 52822GT  | INJECTOR,KUBOTA Z482-E .....                                               | 2    |
|      |          | no longer available                                                        |      |
| 10   | 52824GT  | PIPE, INJECTOR 2 KUBOTA Z482-E .....                                       | 1    |
| 11   | 52823GT  | PIPE, INJECTOR 1 KUBOTA Z482-E .....                                       | 1    |
| 12   | 52825GT  | PUMP-INJECTION, KUBOTA Z482-E .....                                        | 1    |
| 13   | 52826GT  | GASKET-INJECTION PUMP, Z482-E .....                                        | 1    |
| 14   | 52949GT  | SPEED CONTROL ASSEMBLY** .....                                             | 1    |
| 15   | 49819GT  | SCREW,PHILLIPS,PHM,10-32 X .5 .....                                        | 3    |
| 16   | 6178GT   | NUT, NYLOCK, 10-32 .....                                                   | 3    |
| 17   | 56101GT  | BRACKET,STOP LEVER .....                                                   | 1    |
| 18   | 56102GT  | BRACKET,IDLE LEVER .....                                                   | 1    |
| 19   | 52832GT  | GASKET-SPEED CONTROL ASSEMBLY .....                                        | 1    |
| 20   | 27089GT  | HOSE,5/16 FUEL,SAE 30R7 .....                                              | 8    |
| 21   | 52834GT  | CLAMP-HOSE, .375, FUEL PUMP .....                                          | 4    |
| 22   | 52835GT  | PUMP ASSY-FUEL, KUBOTA Z482-E .....                                        | 1    |
| 23   | 27089GT  | HOSE,5/16 FUEL,SAE 30R7 .....                                              | 12   |
| 24   | 56110GT  | ROD,ENGINE IDLE & STOP .....                                               | 1    |
|      |          | length approximately 4.5 inch / 11 cm                                      |      |
| 25   | 21496GT  | NUT,HEX,1/4-28 .....                                                       | 2    |
| 26   | 20780GT  | SOLENOID,2 SPEED TROMBETTA*** .....                                        | 2    |
| 26-  | 52514GT  | BOOT,SOLENOID, 20780 .....                                                 | 2    |
| 27   | 56098GT  | BRACKET,SOLENOID MOUNT .....                                               | 1    |

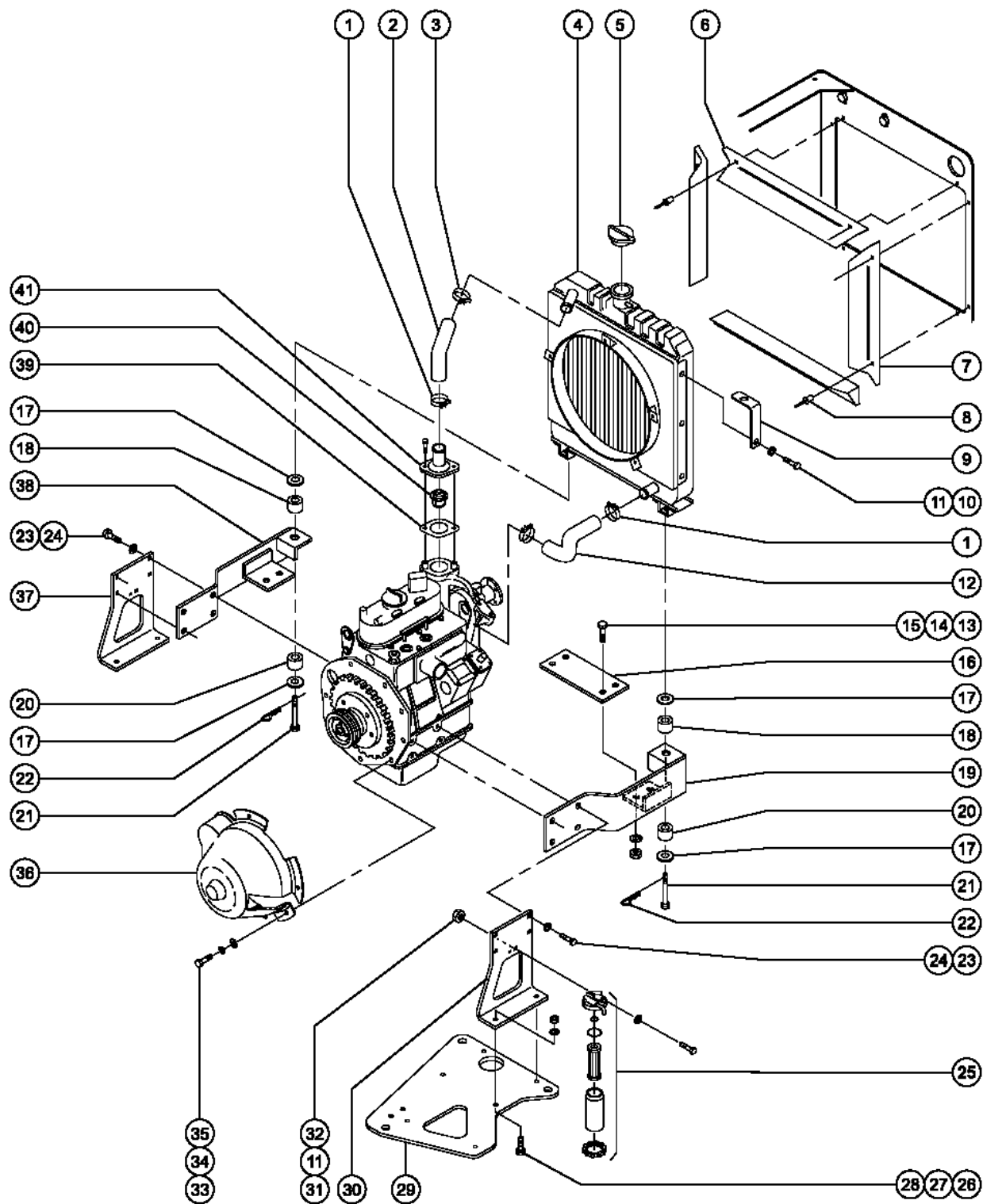
303.1 Kubota Z482-E Diesel Engine, View 2



## 303.1 Kubota Z482-E Diesel Engine, View 2

| Item | Part No. | Description                                                         | Qty. |
|------|----------|---------------------------------------------------------------------|------|
| 28   | 22956GT  | ROD,CHOKE (KUBOTA)****<br>length approximately 6 inch / 15 cm ..... | 1    |
| 29   | 22446GT  | SPRING, COMPRESSION .835 X 2 .....                                  | 1    |
| 30   | 6091GT   | NUT,NYLOCK,1/4-20 .....                                             | 2    |
| 31   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                      | 2    |
| 32   | 22676GT  | SCREW,HHC,M10 X 1.25 X 30MM** .....                                 | 1    |
| 33   | 22700GT  | WASHER,LOCK,M10 .....                                               | 1    |
| 34   | 32077GT  | PETCOCK,DRAIN,KUBOTA WG750B .....                                   | 1    |
| 35   | 52836GT  | DIPSTICK, KUBOTA Z482-E .....                                       | 1    |
| 36   | 52837GT  | RING GEAR,KUBOTA Z482-E .....                                       | 1    |
| 37   | 52838GT  | ADAPTER FLANGE-PULLEY,Z482-E .....                                  | 1    |
| 38   | 23057GT  | SCREW,HHC,M8 X 20MM .....                                           | 5    |
| 39   | 56068GT  | BUSHING,SH 1-1/8 .....                                              | 1    |
| 40   | 52840GT  | PULLEY,FAN DRIVE,Z482/DF750** .....                                 | 1    |
| 41   | 56064GT  | BELT,3VX-280 .....                                                  | 2    |
| 42   | 8915GT   | SCREW, HHC, 1/4-20 X 1.25 .....                                     | 3    |
| 43   | 6356GT   | WASHER, LOCK, .25 .....                                             | 3    |
| 44   | 56086GT  | KEY,1/4 X 1.25 .....                                                | 1    |
| 45   | 6782GT   | NUT, NYLOCK, 5/16-18 .....                                          | 2    |
| 46   | 119685GT | BRACKET, AIR CLEANER MT. ....                                       | 1    |
| 47   | 52866GT  | EVACUATOR VALVE-AIR CLEANER .....                                   | 1    |

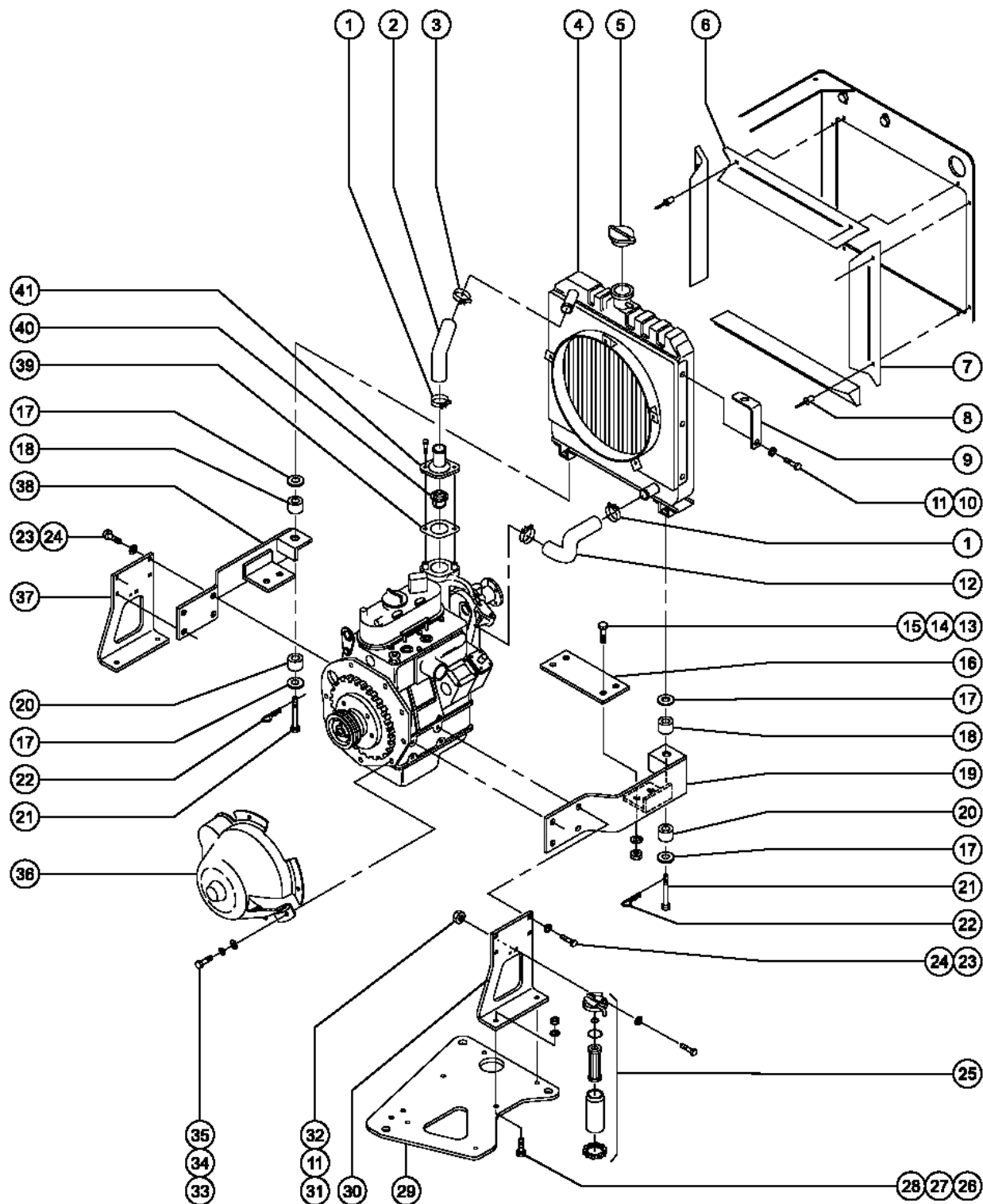
304.1 Kubota Z482-E Diesel Engine, View 3





| Item | Part No. | Description                                                                | Qty. |
|------|----------|----------------------------------------------------------------------------|------|
| 1    | 32066GT  | CLAMP,HOSE,KUBOTA WG750 .....                                              | 2    |
| 2    | 52841GT  | HOSE-RADIATOR,UPPER Z482-E .....                                           | 1    |
| 3    | 32087GT  | CLAMP,HOSE,KUBOTA WG750 .....                                              | 2    |
| 4    | 119242GT | RADIATOR ASSY,KUBOTA Z482E AL .....                                        | 1    |
| 5    | 110523GT | CAP,RADIATOR,AL,KUBOTA DF-752 .....                                        | 1    |
| 6    | 56186GT  | SEAL,AIR RADIATOR,HORZ .....                                               | 2    |
| 7    | 56185GT  | SEAL,AIR RADIATOR,VERT .....                                               | 1    |
| 8    | 7265GT   | RIVET,STEEL,P, .25 X .375 .....                                            |      |
| 9    | 56108GT  | BRACKET SUPPORT,INTAKE HOSE .....                                          | 1    |
| 10   | 7339GT   | SCREW,HHC,1/4-20 X .5 .....                                                |      |
| 11   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                             |      |
| 12   | 32090GT  | HOSE,LWR RADIATOR,KUBOTA WG750 .....                                       | 1    |
| 13   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                             |      |
| 14   | 6356GT   | WASHER, LOCK, .25 .....                                                    |      |
| 15   | 6091GT   | NUT,NYLOCK,1/4-20 .....                                                    |      |
| 16   | 28963GT  | RADIATOR STAY, KUBOTA 1702 .....                                           | 1    |
| 17   | 52539GT  | WASHER,RADIATOR CUSHION,KUBOTA<br>use until exhausted,(replaced by 865263) | 4    |
| 17B  | 865263GT | KUBOTA 15111-72200 WASHER .....                                            | 4    |
| 18   | 865260GT | KUBOTA 15263-12370CUSHION .....                                            | 2    |
| 19   | 52847GT  | BRACKET-RADIATOR SUPRT,OUTBRD .....                                        | 1    |
| 20   | 28156GT  | CUSHION,RADIATOR,KUBOTA 1702** .....                                       | 2    |
| 21   | 52540GT  | SCREW,RADIATOR MOUNT, KUBOTA<br>use until exhausted,(replaced by 865086)   | 2    |
| 21B  | 865086GT | KUBOTA RAD ISOLATOR BOLT .....                                             | 2    |
| 22   | 52541GT  | CLIP,RADIATOR MOUNT, KUBOTA<br>use until exhausted,(replaced by 865085)    | 2    |
| 22B  | 865085GT | KUBOTA SNAP PIN .....                                                      | 2    |
| 23   | 22676GT  | SCREW,HHC,M10 X 1.25 X 30MM** .....                                        |      |
| 24   | 22700GT  | WASHER,LOCK,M10 .....                                                      |      |
| 25   | 147205GT | ASSEMBLY, FUEL FILTER, Z482 .....                                          | 1    |

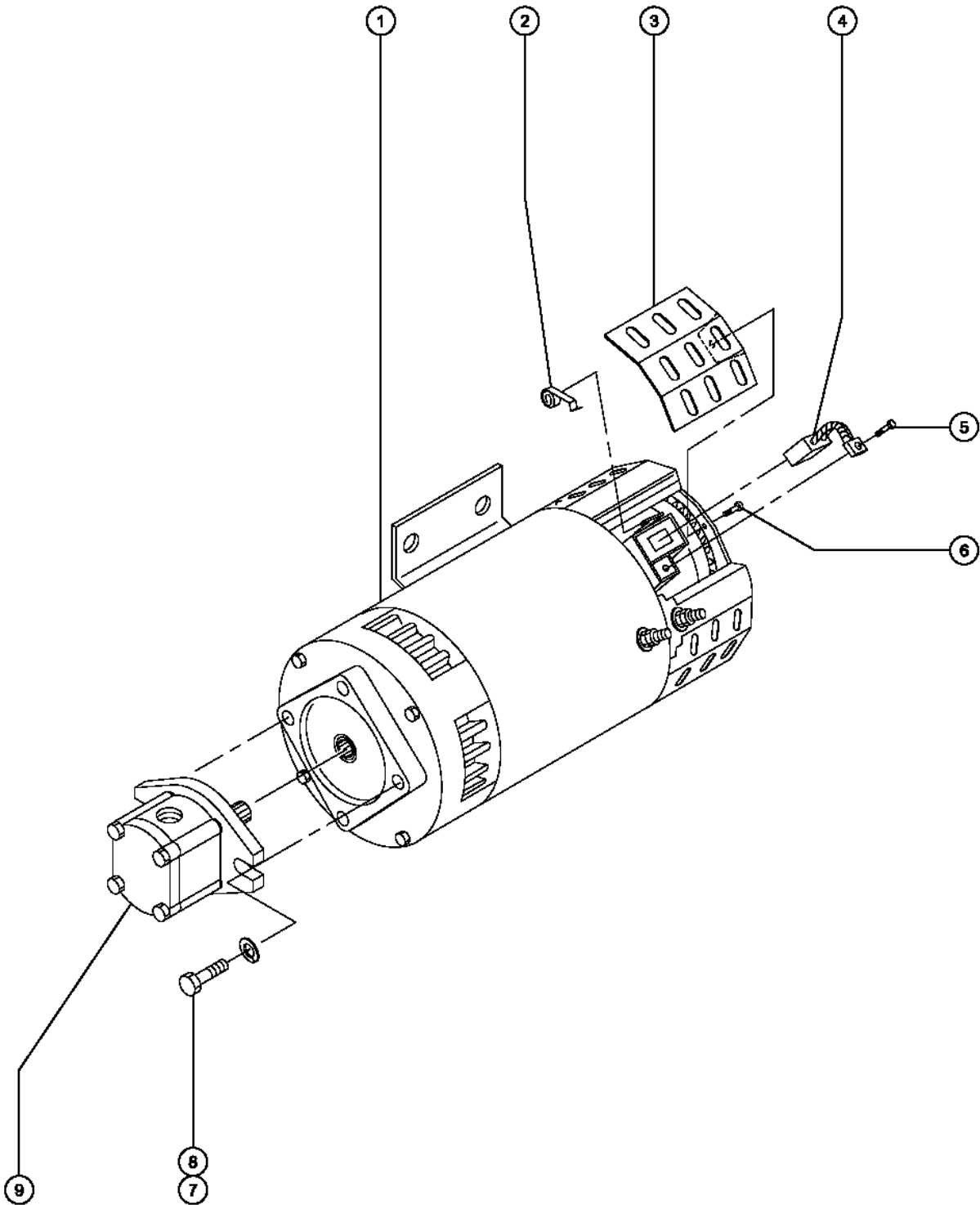
304.1 Kubota Z482-E Diesel Engine, View 3



## 304.1 Kubota Z482-E Diesel Engine, View 3

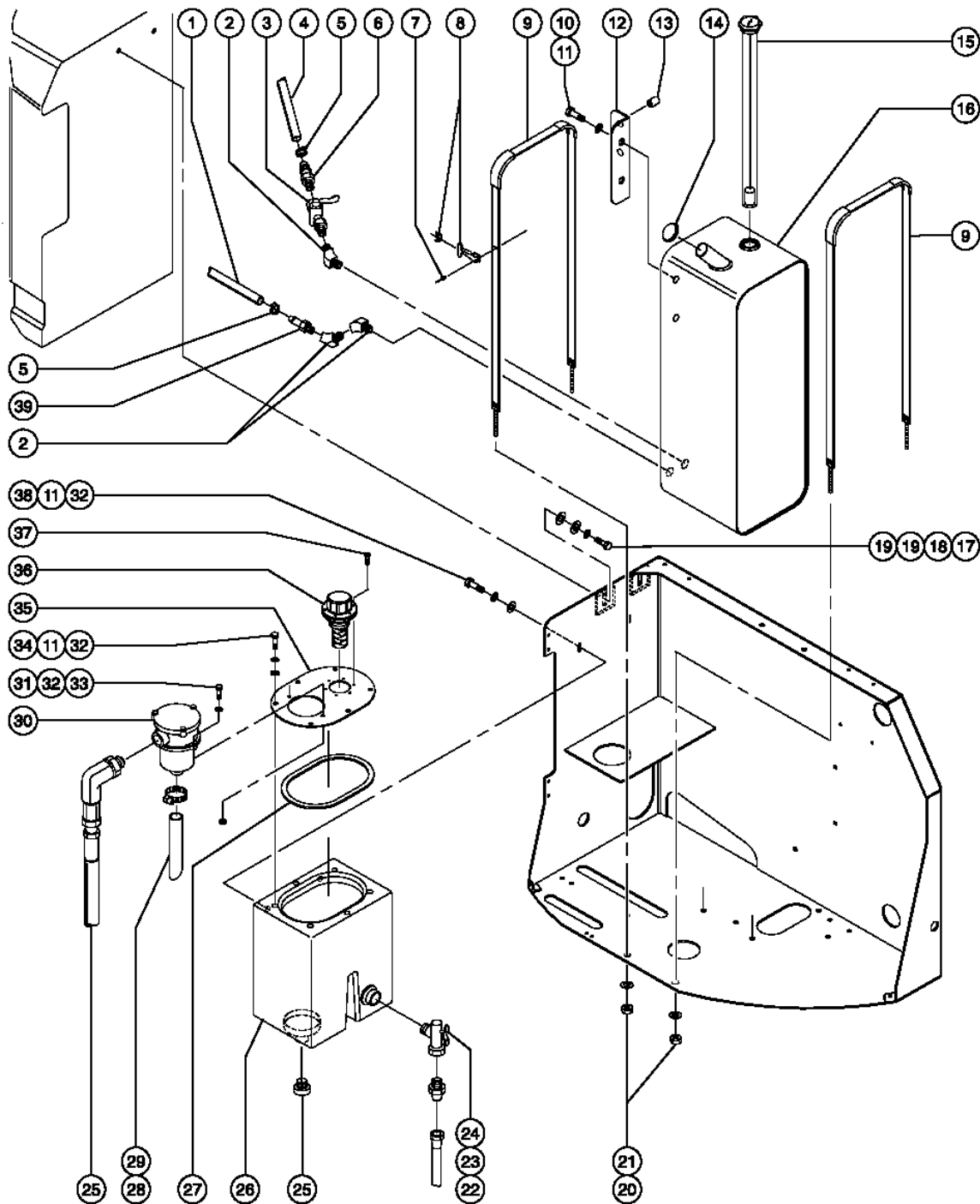
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 25-         | 52875GT         | O-RING,FUEL FILTER,UPPER Z482E ..... |             |
| 25-         | 52876GT         | O-RING,FILTER,LOWER Z482-E .....     |             |
| 25-         | 52877GT         | FILTER,FUEL FILTER Z482-E .....      |             |
| 25-         | 52886GT         | HOUSING,FUEL FILTER ELEMENT .....    |             |
| 25-         | 52880GT         | RING-RETAINING,FUEL FILTER .....     |             |
| 26          | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....  |             |
| 27          | 6097GT          | WASHER, FLAT, USS, 3/8", Y .....     |             |
| 28          | 4828GT          | NUT, NYLOCK, 3/8-16 .....            |             |
| 29          | 56089GT         | PLATE,ENGINE GENERATOR MOUNT .....   | 1           |
| 30          | 42958GT         | BRACKET,ENGINE MNT,KUBOTA 13HP ..... | 2           |
| 31          | 6782GT          | NUT, NYLOCK, 5/16-18 .....           |             |
| 32          | 37218GT         | SCREW,HHC,5/16-18 X 3.00 .....       |             |
| 33          | 23057GT         | SCREW,HHC,M8 X 20MM .....            |             |
| 34          | 49408GT         | WASHER, LOCK, M8 .....               |             |
| 35          | 33277GT         | WASHER,FLAT,M8,YELLOW ZINC .....     |             |
| 36          | 56106GT         | COVER,BELLHOUSING .....              | 1           |
| 37          | 42958GT         | BRACKET,ENGINE MNT,KUBOTA 13HP ..... | 1           |
| 38          | 52851GT         | BRACKET-RADIATOR SUPRT,INBOARD ..... | 1           |
| 39          | 866397GT        | KUBOTA GASKET,THERMOSTAT .....       | 1           |
| 40          | 23473GT         | THERMOSTAT ASSY, WG750B .....        | 1           |
| 41          | 27367GT         | THERMOSTAT COVER,KUBOTA GAS .....    | 1           |
| 42          | 119507GT        | KIT,Z482 RAD SUPPORT .....           | 1           |

305.1 Hydraulic Power Unit



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                   | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------|-------------|
| 1           | 48504GT         | MOTOR,FUNCTION,48V DC<br>includes index numbers 2 through 6 .....    | 1           |
| 1-          | 44778GT         | BEARING,MOTOR,36843,BRUSH END*<br>for motor 48504 .....              | 1           |
| 1-          | 44777GT         | BEARING,MOTOR .....                                                  | 1           |
| 1-          | 58934GT         | BRUSH BOX ASSEMBLY<br>includes index number 2; for motor 48504 ..... | 1           |
| 1-          | 52915GT         | BRUSH LEAD ASSEMBLY KIT(48504)<br>for motor 48504 .....              | 1           |
| 2           | 44750GT         | SPRING-BRUSH,40844, SCISSORS .....                                   | 4           |
| 3           | 58936GT         | BRUSH COVER -PLATE-(48504)* .....                                    | 4           |
| 4           | 58932GT         | BRUSH SET 4 EA .....                                                 | 4           |
| 5           | 52913GT         | SCREW,HH TAPETITE THRD8-32X.50 .....                                 | 4           |
| 6           | 52914GT         | SCREW,HHTAPTITE THREAD8-32X.38 .....                                 | 4           |
| 7           | 32317GT         | SCREW,HHC,3/8-24 X 1 GR 8 YEL .....                                  | 2           |
| 8           | 6021GT          | WASHER, LOCK, .375 .....                                             | 2           |
| 9           | 77981GT         | PUMP,LIFT,3CC,CCW*** .....                                           | 1           |
| 9-          | 77990GT         | KIT,SEAL,3CC PUMP*** .....                                           | 1           |
| 9-          | 43685GT         | SEAL KIT,LIFT PUMP,BARNES** .....                                    | 1           |

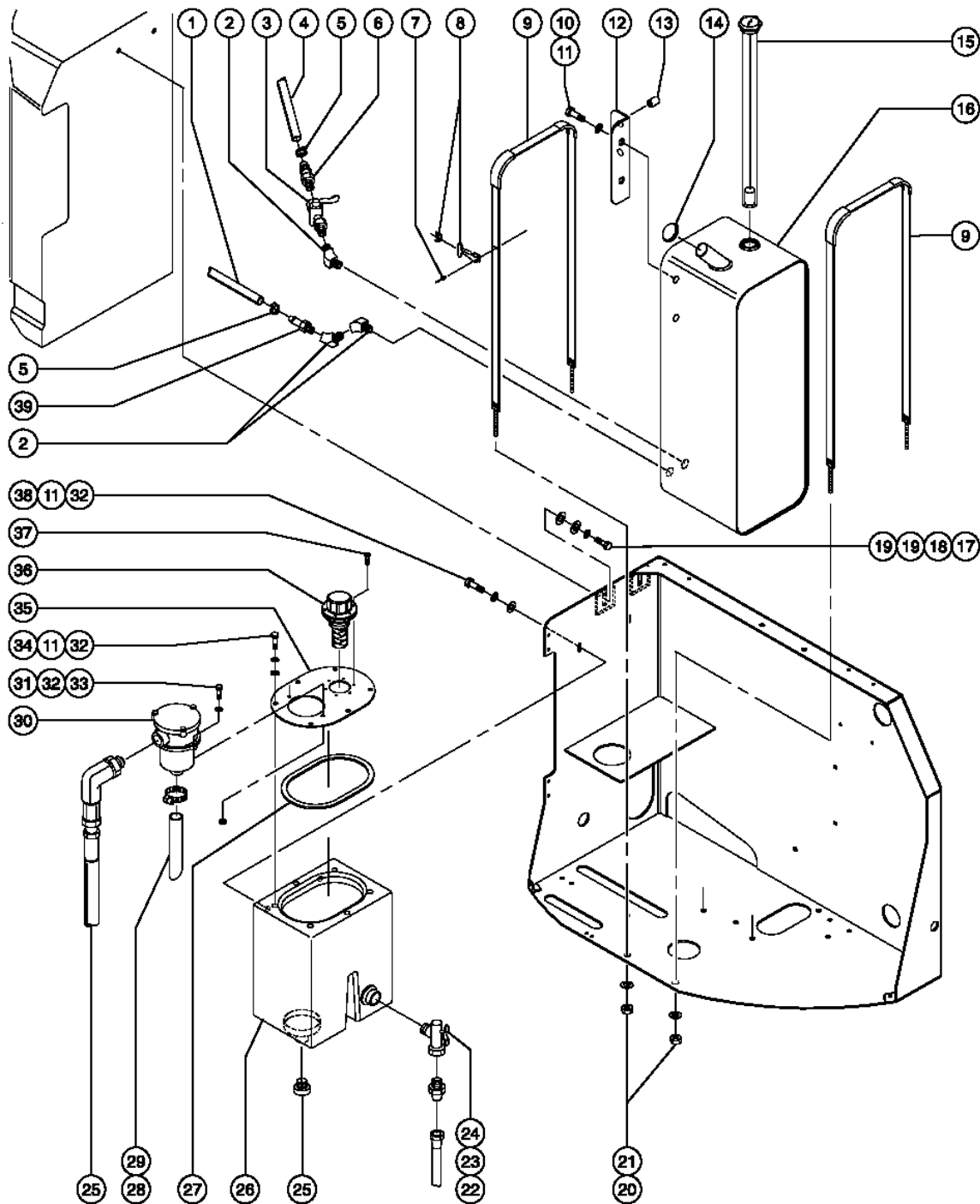
401.1 Hydraulic and Fuel Tanks (for models with metal fuel tank)



## 401.1 Hydraulic and Fuel Tanks (for models with metal fuel tank)

| Item | Part No.  | Description                                                       | Qty.                 |
|------|-----------|-------------------------------------------------------------------|----------------------|
| 1    | 35418GT   | HOSE,FUEL,3/16,SAE 30R7 .....                                     | 80<br>in<br>ch<br>es |
| 2    | 19606GT   | ELBOW,130339-4-4 .....                                            | 3                    |
| 3    | 19487GT   | VALVE, FUEL LOCK .....                                            | 1                    |
| 4    | 27089GT   | HOSE,5/16 FUEL,SAE 30R7 .....                                     | 64<br>in<br>ch<br>es |
| 5    | 21465GT   | CLAMP,HOSE, .25" TO .63" X .3125" .....                           | 2                    |
| 6    | 27586GT   | HOSE END,MALE,.313 X .25 MPT .....                                | 1                    |
| 7    | 6272GT    | RIVET,STL,STL,P,.125 X .25 .....                                  | 2                    |
| 8    | 13579GT   | LATCH,FLEXIBLE DRAW .....                                         | 1                    |
| 9    | 42069GT   | TANK STRAP,BOLT STYLE,65.13" .....                                | 2                    |
| 10   | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....                                   | 2                    |
| 11   | 6356GT    | WASHER, LOCK, .25 .....                                           | 10                   |
| 12   | 42063-SGT | Bracket - Magnet Catch Mount .....                                | 1                    |
| 13   | 31046GT   | MAGNETIC CATCH,ROUND,.875 .....                                   | 3                    |
| 14   | 25567GT   | CAP,FUEL,GREEN* .....                                             | 1                    |
| 15   | 42103GT   | GAUGE,FUEL LEVEL .....                                            | 1                    |
| 16   | 42048PGT  | FUEL TANK,12 GAL,PAINTED .....                                    | 1                    |
| 17   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                               | 2                    |
| 18   | 6021GT    | WASHER, LOCK, .375 .....                                          | 2                    |
| 19   | 15086GT   | WASHER,FLAT,.375 X 1.5 X .125 .....                               | 4                    |
| 20   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                         | 4                    |
| 21   | 6097GT    | WASHER, FLAT, USS, 3/8", Y .....                                  | 4                    |
| 22   | 42920GT   | VALVE,BALL,90DEG.-8NPTF/-8NPTM .....                              | 1                    |
| 23   | 48944GT   | CONN,520102-8-8 .....                                             | 1                    |
| 24   |           | Ref. Hydraulic Hoses and Fittings<br>refer to section 410.1 ..... | 1                    |
| 25   | 56022GT   | PLUG,3/4 MAGNETIC PIPE SQ.DRV .....                               | 1                    |
| 26   |           | TANK,30N/34 HYDRAULIC .....                                       | 1                    |
|      |           | consult factory                                                   |                      |
| 26A  | 128810GT  | KIT, HYDRAULIC TANK<br>Kit to upgrade hydraulic tank .....        | 1                    |

401.1 Hydraulic and Fuel Tanks (for models with metal fuel tank)

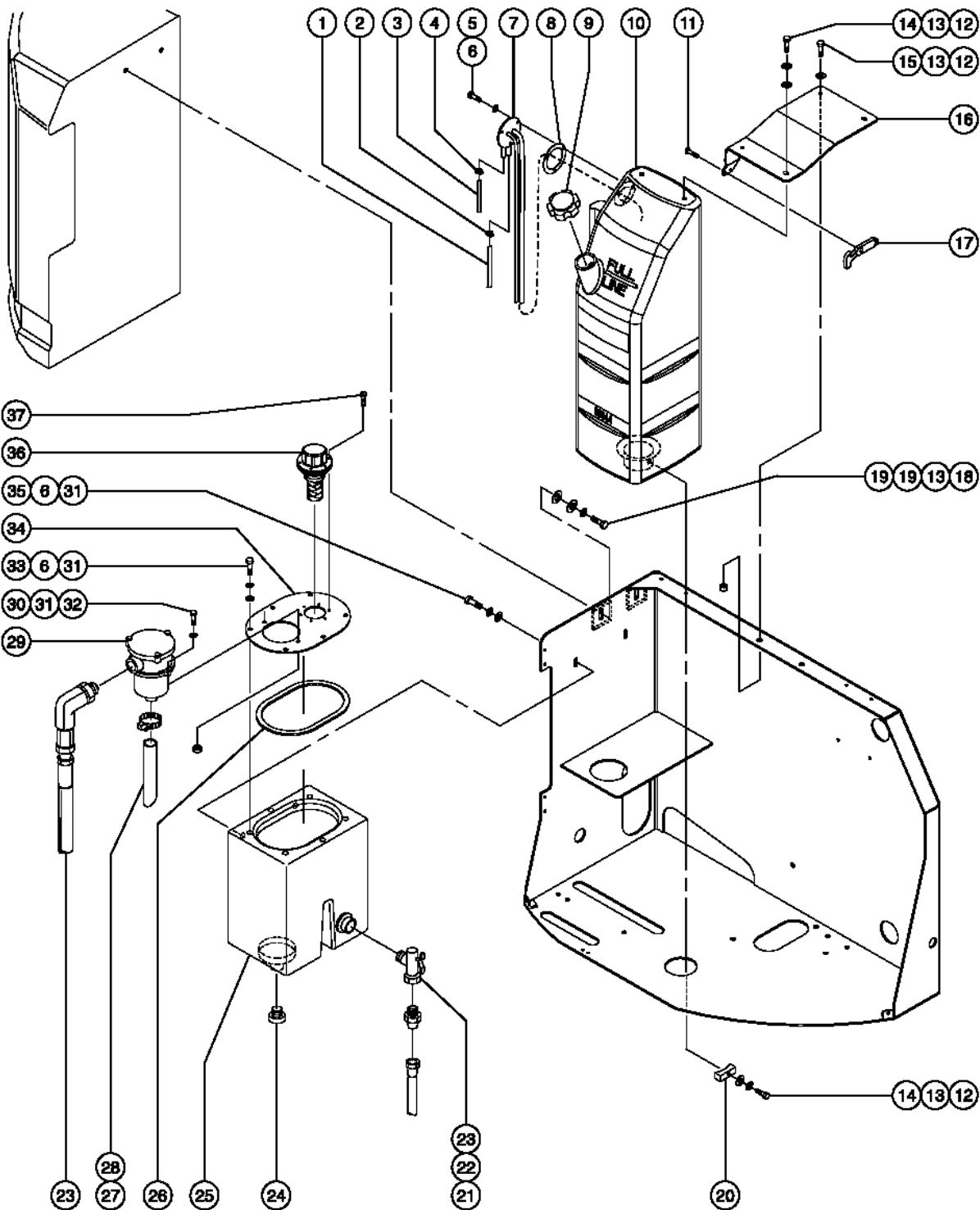




## 401.1 Hydraulic and Fuel Tanks (for models with metal fuel tank)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                     | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------|-------------|
| 26-         | 36998GT         | STRAINER ASSY 1"NPT TANK MTD .....                     | 1           |
| 27          | 42785GT         | GASKET, HYDRAULIC TANK .....                           | 1           |
| 28          | 42929GT         | HOSE, RET. FILTER DWN TUBE RUBBE .....                 | 7           |
| 29          | 30348GT         | CLAMP, HOSE, 1.00 .....                                | 1           |
| 30          | T109281GT       | FILTER ASSY, RETURN .....                              | 1           |
| 30-         | 52627GT         | FILTER, ELEMENT, 10 MICRON, 42682<br>for 42682GT ..... | 1           |
| 30-         | 58995GT         | FILTER ELEMENT, RETURN<br>for 56437GT, T109281GT ..... |             |
| 31          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                           | 2           |
| 32          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                         | 10          |
| 33          | 6091GT          | NUT, NYLOCK, 1/4-20 .....                              | 2           |
| 34          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....                         | 6           |
| 35          | 42922-SGT       | PLATE, TANK LID (SERVICE) .....                        | 1           |
| 36          | 53534GT         | FILTER SCREEN, TANK BREATHER .....                     | 1           |
| 37          | 49819GT         | SCREW, PHILLIPS, PHM, 10-32 X .5 .....                 | 6           |
| 38          | 8914GT          | SCREW, HHC, 1/4-20 X .625 .....                        | 2           |
| 39          | 42338GT         | ADAPTER, 1/4NPT-M TO 3/16 BARB .....                   | 1           |
| 40          | 36681PGT        | COUNTERWEIGHT PAINTED<br>2420 lbs. ....                | 1           |

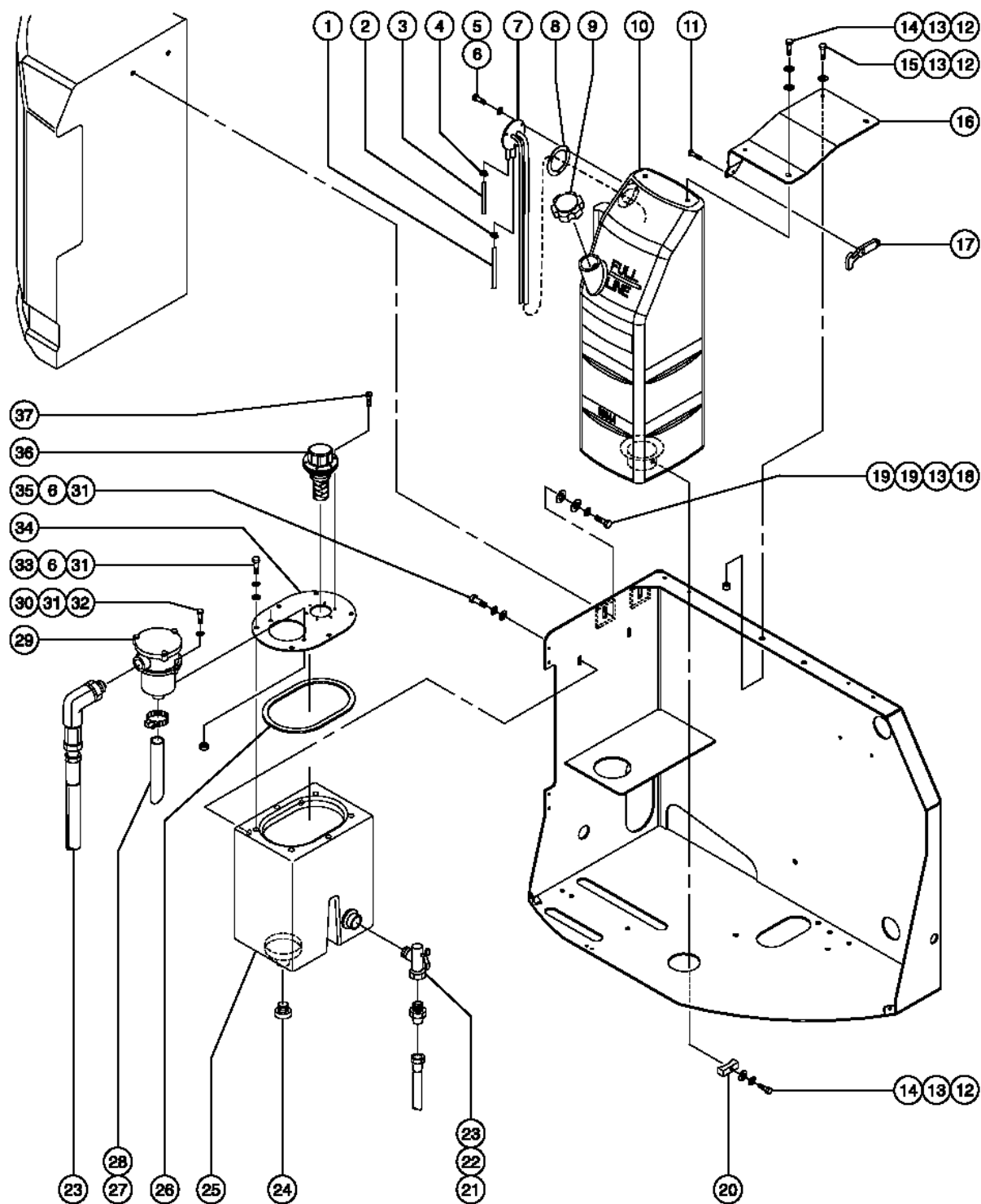
402.1 Hydraulic and Fuel Tanks (for models with plastic fuel tank)



## 402.1 Hydraulic and Fuel Tanks (for models with plastic fuel tank)

| Item | Part No.  | Description                                                                       | Qty. |
|------|-----------|-----------------------------------------------------------------------------------|------|
| 1    | 27089GT   | HOSE,5/16 FUEL,SAE 30R7 .....                                                     | 100  |
| 2    | 21465GT   | CLAMP,HOSE, .25" TO .63" X .3125" .....                                           | 1    |
| 3    | 30490GT   | HOSE,1/4 FUEL LINE,SAE 30R7 .....                                                 | 101  |
| 4    | 44909GT   | CLAMP,HOSE,.25 .....                                                              | 1    |
| 5    | 7339GT    | SCREW,HHC,1/4-20 X .5 .....                                                       | 3    |
| 6    | 6356GT    | WASHER, LOCK, .25 .....                                                           | 3    |
| 7    | 56091GT   | FUEL LINES,BULKHEAD .....                                                         | 1    |
| 8    | 56094GT   | GASKET .....                                                                      | 1    |
| 9    | 101726GT  | CAP,FUEL,DIESEL,1/8"VENT(GRN)<br>no longer available, (replaced by 1316635) ..... | 1    |
| 9B   | 1316635GT | CAP, FUEL, DIESEL, 0.08 IN HOLE (BLACK) .....                                     | 1    |
| 10   | 230470GT  | FUEL TANK ASSY, DIESEL<br>includes items 5-9 and 12-14 .....                      | 1    |
| 11   | 21019GT   | SCREW,PHIL,PHM,10-24 X.5,SEMS .....                                               | 2    |
| 12   | 77692GT   | SCREW,HHC,3/8-16 X 1 GRD 8 .....                                                  | 5    |
| 13   | 6021GT    | WASHER, LOCK, .375 .....                                                          | 5    |
| 14   | 6097GT    | WASHER, FLAT, USS, 3/8", Y .....                                                  | 5    |
| 15   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                                         | 2    |
| 16   |           | BRACKET,FUEL TANK<br>no longer available .....                                    | 1    |
| 17   | 56053GT   | LATCH,FLEXIBLE DRAW .....                                                         | 1    |
| 18   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                               | 2    |
| 19   | 15086GT   | WASHER,FLAT,.375 X 1.5 X .125 .....                                               | 4    |
| 20   | 56056GT   | SPACER,PLASTIC .....                                                              | 1    |
| 21   | 42920GT   | VALVE,BALL,90DEG.-8NPTF/-8NPTM .....                                              | 1    |
| 22   | 48944GT   | CONN,520102-8-8 .....                                                             | 1    |
| 23   |           | Ref. Hydraulic Hoses and Fittings<br>refer to section 410.1 .....                 | 1    |
| 24   | 56022GT   | PLUG,3/4 MAGNETIC PIPE SQ.DRV .....                                               | 1    |
| 25A  |           | TANK,30N/34 HYDRAULIC<br>consult factory .....                                    | 1    |
| 25A- | 36998GT   | STRAINER ASSY 1"NPT TANK MTD .....                                                | 1    |
| 25B  | 128810GT  | KIT, HYDRAULIC TANK<br>Kit to upgrade hydraulic tank. ....                        | 1    |

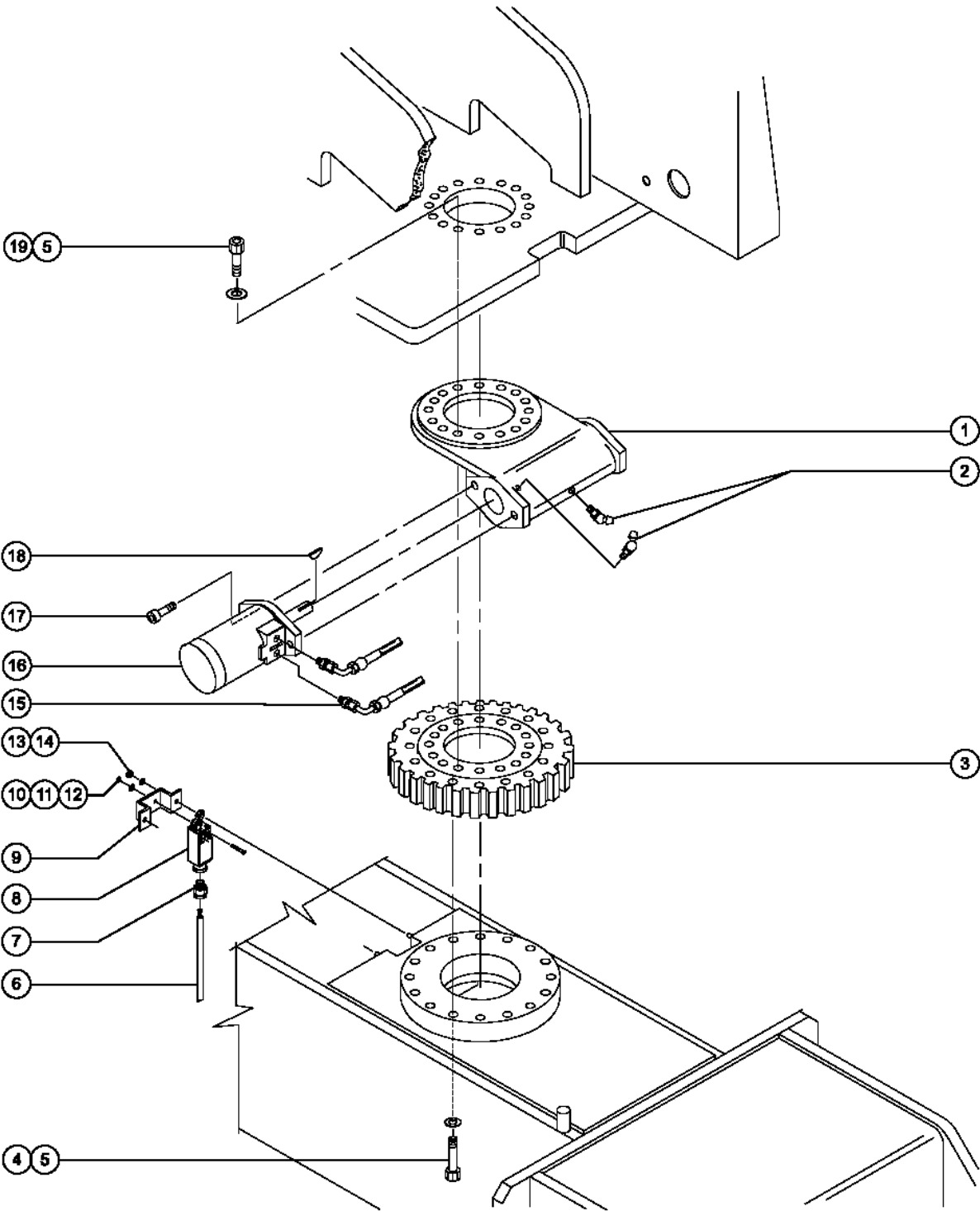
402.1 Hydraulic and Fuel Tanks (for models with plastic fuel tank)



## 402.1 Hydraulic and Fuel Tanks (for models with plastic fuel tank)

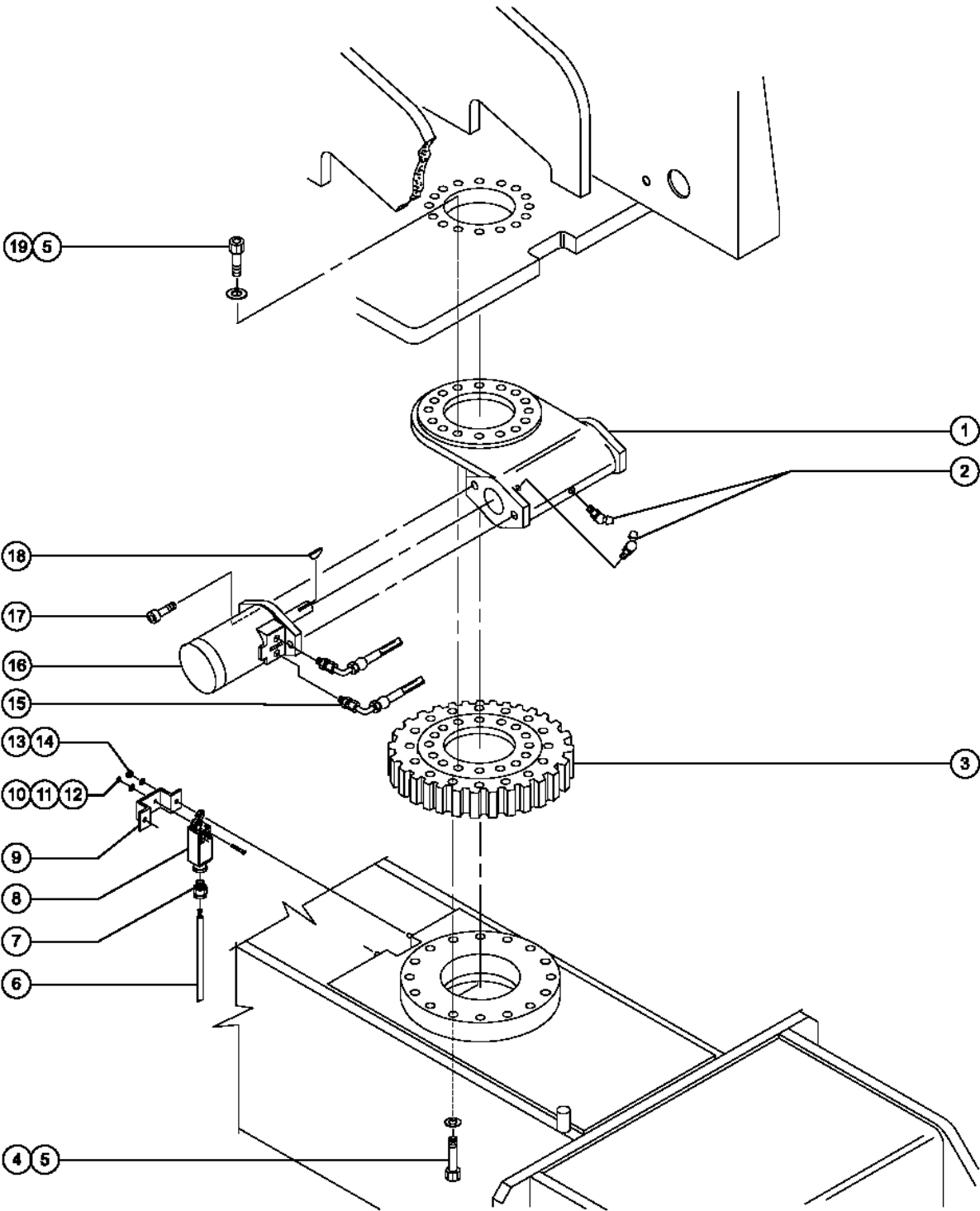
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                      | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------|-------------|
| 26          | 42785GT         | GASKET, HYDRAULIC TANK .....            | 1           |
| 27          | 42929GT         | HOSE, RET. FILTER DWN TUBE RUBBE .....  | 7           |
| 28          | 30348GT         | CLAMP, HOSE, 1.00 .....                 | 1           |
| 29          | T109281GT       | FILTER ASSY, RETURN .....               | 1           |
| 29-         | 58995GT         | FILTER ELEMENT, RETURN .....            | 1           |
|             |                 | for 56437GT, T109281GT                  |             |
| 29-         | 52627GT         | FILTER, ELEMENT, 10 MICRON, 42682 ..... | 1           |
|             |                 | for 42682GT                             |             |
| 30          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....            | 2           |
| 31          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....          | 2           |
| 32          | 6091GT          | NUT, NYLOCK, 1/4-20 .....               | 2           |
| 33          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....          | 2           |
| 34          | 42922-SGT       | PLATE, TANK LID (SERVICE) .....         | 1           |
| 35          | 8914GT          | SCREW, HHC, 1/4-20 X .625 .....         | 2           |
| 36          | 53534GT         | FILTER SCREEN, TANK BREATHER .....      | 1           |
| 37          | 49819GT         | SCREW, PHILLIPS, PHM, 10-32 X .5 .....  | 6           |

403.1 Turntable Rotator



| Item | Part No.  | Description                                                                                                                                               | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    |           | GEARBOX,ROTATION,PAINTED (21087P) .....<br>see item 3 (component no longer available)                                                                     | 1    |
| 2    | 22794GT   | ZERK,GREASE,1/8 NPT,45DEG .....                                                                                                                           | 2    |
| 3A   |           | BEARING,TURNTABLE (21086) .....<br>(component no longer available)                                                                                        | 1    |
| 3B   |           | ROTATOR TURNTABLE ASSY*** (56779) .....<br>(component no longer available)                                                                                |      |
| 3B-  | 58296GT   | SNAP RING (74994) .....<br>for 56779                                                                                                                      |      |
| 3C   |           | ROTATOR TURNTABLE ASSEMBLY*** (74994)<br>(component no longer available) (if 74994 used to replace 21086 or 21087, also order qty 2<br>part number 56843) |      |
| 3C-  | 58296GT   | SNAP RING (74994) .....<br>for 74994                                                                                                                      |      |
| 3C-  | 58330GT   | O-RING OR-151 N73038 (74994) .....<br>for 74994                                                                                                           |      |
| 3C-  | 1297489GT | BEARING,CONE (74994) .....<br>for 74994                                                                                                                   |      |
| 3C-  | 1297490GT | BEARING,CUP (74994) .....<br>for 74994                                                                                                                    |      |
| 3C-  | 58343GT   | GASKET,MTR,2A,MAG (74994) .....<br>for 74994                                                                                                              |      |
| 3C-  | 58344GT   | SEAL,NAT'L. #471818 (74994) .....<br>for 74994                                                                                                            |      |
| 3C-  | 58331GT   | SEAL 21252875-375BYP2 (74994) .....<br>for 74994                                                                                                          |      |
| 3C-  | 58296GT   | SNAP RING (74994) .....<br>for 74994                                                                                                                      |      |
| 3C-  | 58345GT   | SCREW,FHS,1/2-13 X 1.25,BLACK .....<br>for 74994                                                                                                          |      |
| 3C-  | 58360GT   | KIT,SEAL (74994) .....<br>for 74994                                                                                                                       |      |
| 3D   | 119111GT  | ROTATOR TURNTABLE ASSEMBLY*** .....                                                                                                                       |      |
| 3D-  | 128565GT  | SHIM KIT,TURNTABLE*** .....<br>for 119111                                                                                                                 |      |
| 3D-  | 128618GT  | SEAL KIT*** .....<br>for 119111                                                                                                                           |      |
| 3D-  | 128619GT  | ZERK,GREASE,1/8 NPT,67.5 DEG** .....<br>for 119111                                                                                                        |      |
| 3D-  | 128620GT  | ZERK,GREASE,1/8 NPT,45 DEG*** .....<br>for 119111                                                                                                         |      |
| 3D-  | 128621GT  | BEARING,CUP*** .....<br>for 119111                                                                                                                        |      |
| 3D-  | 128622GT  | BEARING,CONE*** .....<br>for 119111                                                                                                                       |      |
| 3D-  | 128899GT  | SHAFT,WORM GEAR*** .....<br>for 119111                                                                                                                    |      |
| 3D-  | 1284189GT | CASE COVER,ROTATOR,Z30/34 (119111) .....<br>for 119111                                                                                                    |      |
| 4    | 36459GT   | SCREW,SHC,5/8-11 X 5.5 .....                                                                                                                              | 16   |
| 5    | 13064GT   | WASHER,FLAT,.625 HARDENED .....                                                                                                                           | 31   |
| 6    | 43960GT   | WIRE CABLE,16/4 CON.TPE JKT .....                                                                                                                         | 102  |

403.1 Turntable Rotator

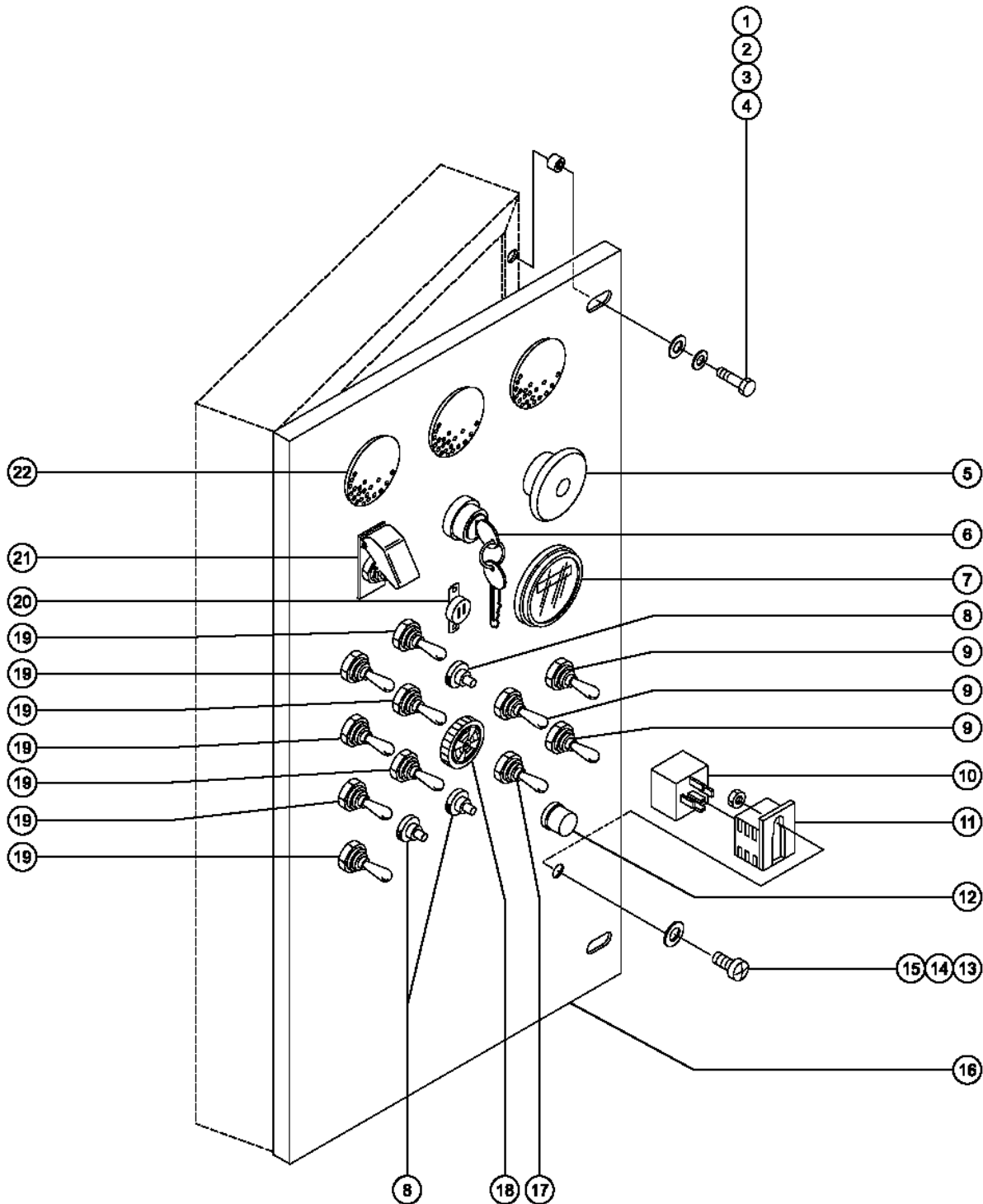




## 403.1 Turntable Rotator

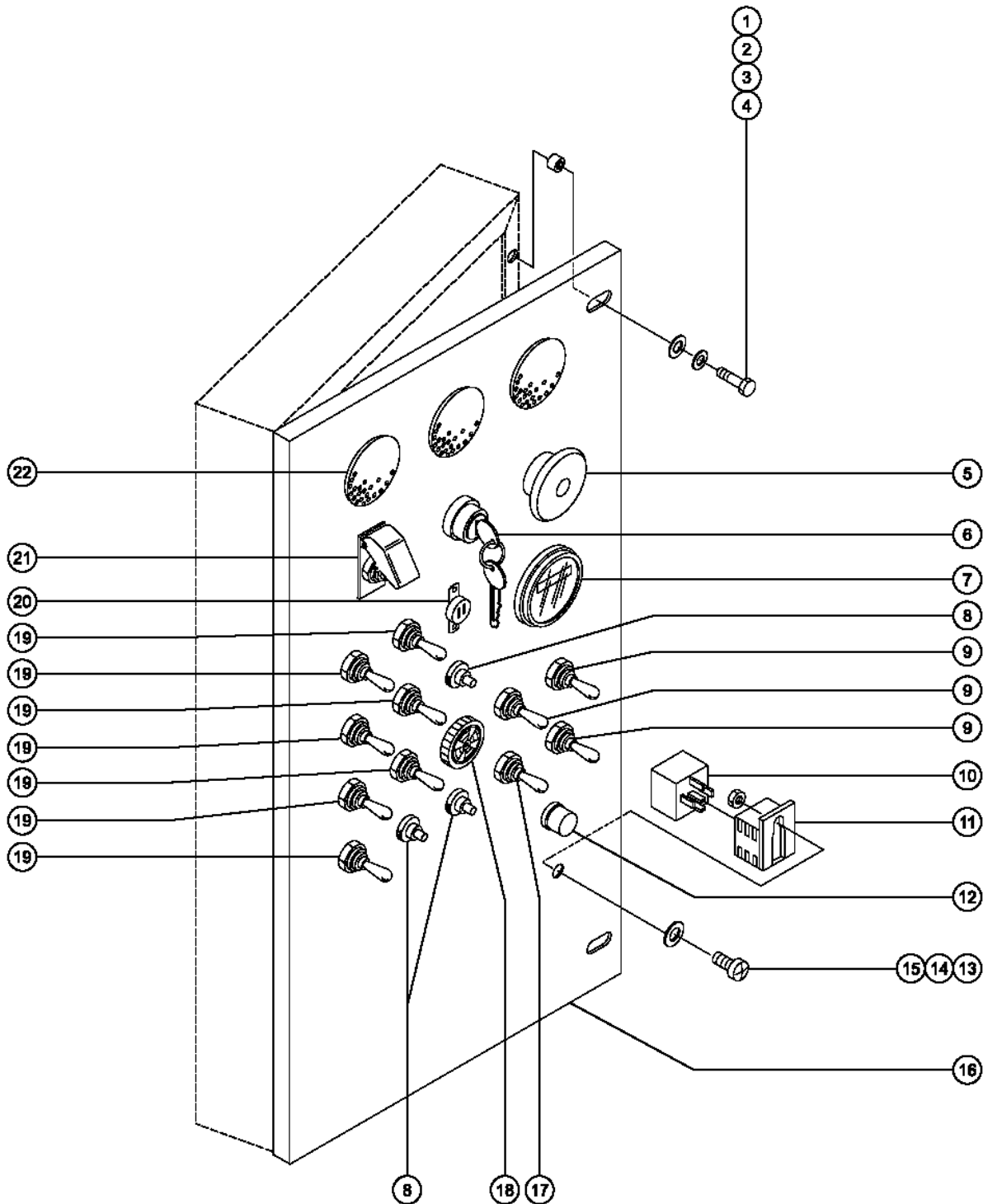
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                      | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------|-------------|
| 7           | 7056GT          | CONN,SQUEEZE,1/2NPT .38-.50,SM .....    | 1           |
| 8           | 88356-11103GT   | SWITCH,LIMIT,W/RLR ARM,NO/NC .....      | 1           |
| 8-          | 19491GT         | CONTACTOR,LIMIT SWITCH .....            | 1           |
| 8-          | 97128GT         | ROLLER ARM,LIMIT SWITCH*** .....        | 1           |
| 9           | 36326GT         | PLATE,LIMIT SWITCH MOUNT%% .....        | 1           |
| 10          | 6178GT          | NUT, NYLOCK, 10-32 .....                | 2           |
| 11          | 6607GT          | WASHER,LOCK,#10 PLTD .....              | 2           |
| 12          | 51063GT         | SCREW,PHILLIPS,RHM,10-32 X 1.5 .....    | 2           |
| 13          | 6091GT          | NUT,NYLOCK,1/4-20 .....                 | 2           |
| 14          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....          | 2           |
| 15          |                 | Ref. Hydraulic Hoses and Fittings ..... | 2           |
|             |                 | refer to section 410.1                  |             |
| 16          | 27372GT         | MOTOR,TURNTABLE O-RING PORTS .....      | 1           |
|             |                 | includes index number 18                |             |
| 16-         | 27275GT         | SEAL KIT (21172) .....                  | 1           |
| 17          | 22202GT         | SCREW,SHC,1/2-13 X 2.25 *** .....       | 2           |
| 18          | 32224GT         | KEY-WOODRUFF .....                      | 2           |
| 19          | 25068GT         | SCREW,SHC,5/8-11 X 4.5,A574 .....       | 15          |

404.1 Ground Controls, View 1



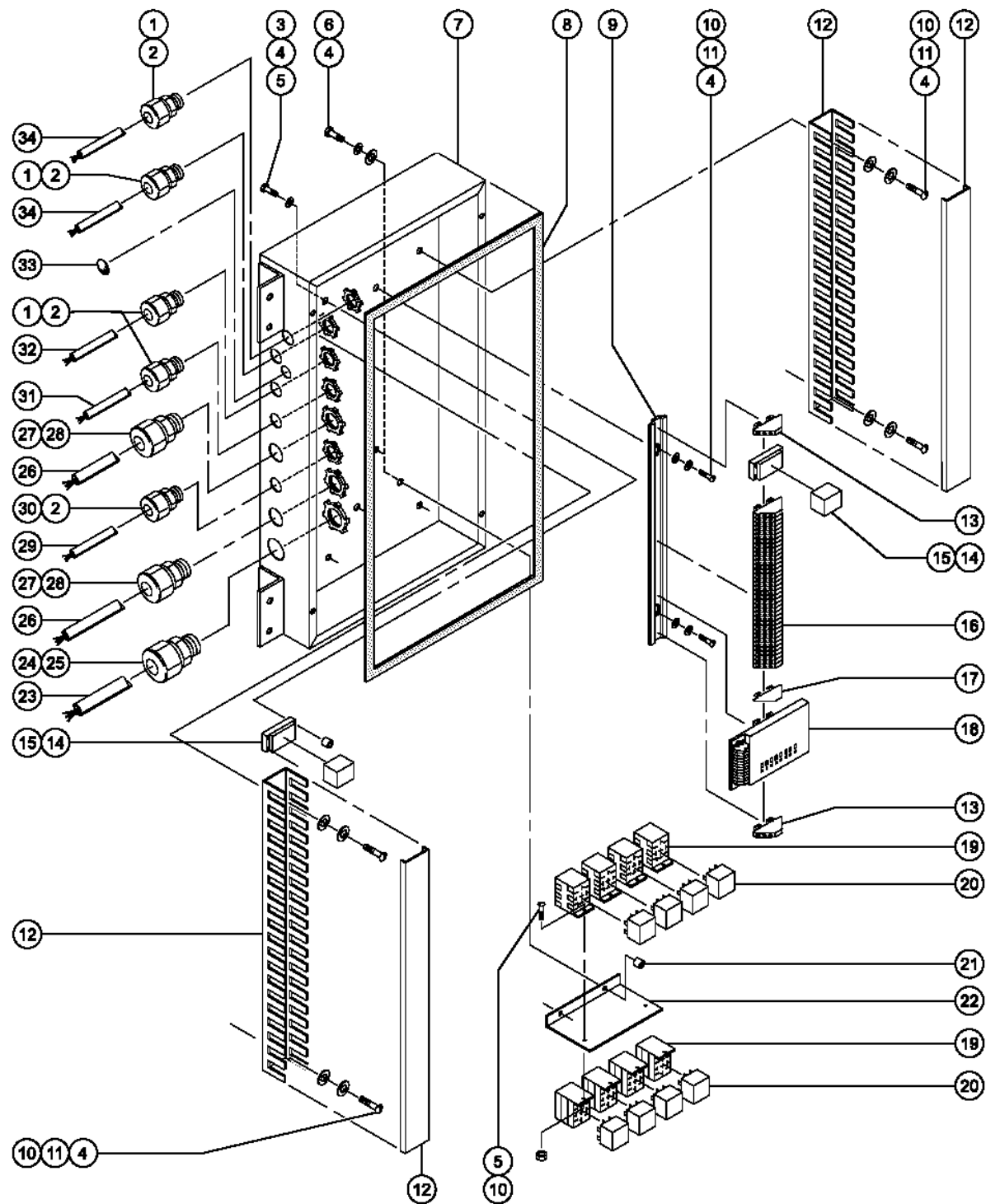
| Item | Part No.  | Description                                                      | Qty. |
|------|-----------|------------------------------------------------------------------|------|
| 1    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                   | 2    |
| 2    | 6356GT    | WASHER, LOCK, .25 .....                                          | 2    |
| 3    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                   | 2    |
| 4    | 23404GT   | NUTSERT, 1/4-20, STEEL CAD PLTD .....                            | 2    |
| 5    | 122514GT  | KIT, ESTOP SVC BB&SM BOOM .....                                  | 1    |
| 5-   | 66812GT   | BUTTON, PUSH, RED MUSHROOM HEAD .....                            | 1    |
| 5-   | 66821GT   | BASE, WITHOUT CONTACTS .....                                     | 1    |
| 5-   | 66818GT   | CONTACT, NC .....                                                | 1    |
| 6    | 122512GT  | KIT, KEYSWITCH SVC BB & SM BOOM .....                            | 1    |
|      |           | includes 1 pair of keys                                          |      |
| 6-   | 66811GT   | KEYSWITCH, 3POS. MNTND. DR WKEY** .....                          | 1    |
|      |           | includes keyswitch and two keys, not included: base or contacts. |      |
| 6-   | 66821GT   | BASE, WITHOUT CONTACTS .....                                     | 1    |
| 6-   | 66816GT   | CONTACT, N.O.*** .....                                           | 1    |
| 6-   | 21982GT   | KEY, SINGLE*** .....                                             | 1    |
| 6-   | 37947GT   | KEYS, 10 PACK*** .....                                           | 1    |
| 7    | 56100GT   | HOUR METER, LCD, 9-60 VDC*** .....                               | 1    |
|      |           | includes mounting fasteners                                      |      |
| 8    | 147093GT  | ASSY, CIRCUIT BREAKER 10A .....                                  | 3    |
|      |           | includes mounting fasteners                                      |      |
| 9    | 13037-SGT | SWITCH, TOGGLE, SPDT, 3POS MOMEN* .....                          | 3    |
|      |           | includes mounting fasteners                                      |      |
| 9    | 27246GT   | BOOT, TOGGLE SWITCH, SHORT* .....                                | 12   |
| 10   | 56302GT   | RELAY, 24VDC, 40/30A, SEALED*** .....                            | 1    |
| 11   | 34053GT   | ASSY, RELAY SOCKET, AUTO .....                                   | 1    |
| 12   | 824878GT  | LIGHT, LED IND. RED 24V NH .....                                 | 1    |
|      |           | includes mounting fasteners                                      |      |
| 13   | 49819GT   | SCREW, PHILLIPS, PHM, 10-32 X .5 .....                           | 1    |
| 14   | 6146GT    | WASHER, FLAT, MS, #10, Y .....                                   | 1    |
| 15   | 6178GT    | NUT, NYLOCK, 10-32 .....                                         | 1    |
| 16   | 52624-SGT | CONTROL BOX W/DECAL, GROUND .....                                | 1    |
|      |           | includes index number 4                                          |      |
| 17   | 27378-SGT | SWITCH, TOGGLE, DPDT, 2POS MAINT* .....                          | 1    |
|      |           | includes mounting fasteners                                      |      |
| 17-  | 27246GT   | BOOT, TOGGLE SWITCH, SHORT* .....                                | 12   |
| 18   | 18963GT   | ALARM, INTERMITTENT TONE 6-30V* .....                            | 1    |
|      |           | Does not include 72326GT nut                                     |      |

404.1 Ground Controls, View 1



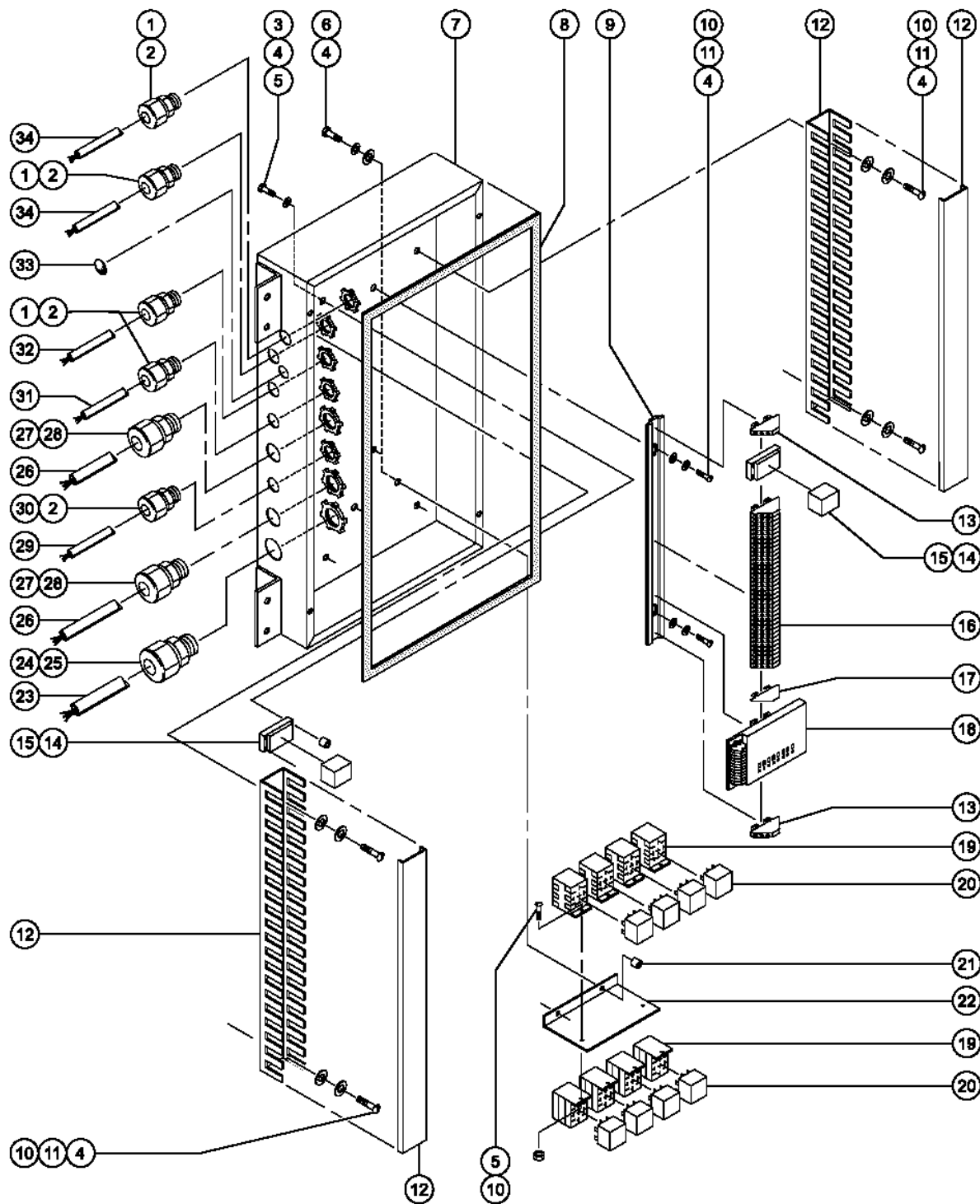
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                 | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------|-------------|
| 18-         | 72326GT         | NUT - PLASTIC, RING FOR ALARMS .....                               | 1           |
| 19          | 16397-SGT       | SWITCH,TOGGLE,DPDT,3POS MOMEN<br>includes mounting fasteners ..... | 7           |
| 19-         | 27246GT         | BOOT,TOGGLE SWITCH,SHORT* .....                                    | 12          |
| 20          | 13511GT         | RECEPTICAL,SNAP-IN (1450G1)*** .....                               | 1           |
| 21          | 13480-SGT       | SWITCH,TOGGLE,DPDT,2POS MOMEN<br>includes mounting fasteners ..... | 1           |
| 21-         | 13471GT         | COVER, AUXILIARY POWER SWITCH .....                                | 1           |
| 21-         | 27246GT         | BOOT,TOGGLE SWITCH,SHORT* .....                                    | 12          |
| 22          | 45840GT         | PLUG,NYLON 2.00 BLACK DOMED .....                                  | 3           |

405.1 Ground Controls, View 2



| Item | Part No.  | Description                                        | Qty. |
|------|-----------|----------------------------------------------------|------|
|      | 33996GT   | SCREWDRIVER,TERMINAL BLOCK .....                   |      |
| 1    | 7056GT    | CONN,SQUEEZE,1/2NPT .38-.50,SM .....               | 4    |
| 2    | 6935GT    | CONN, SQZ, 1/2NPT, LOCKNUT .....                   | 5    |
| 3    | 49816GT   | SCREW,PHILLIPS,PHM,10-32 X .75 .....               | 2    |
| 4    | 6146GT    | WASHER,FLAT,MS,#10,Y .....                         | 14   |
| 5    | 6178GT    | NUT, NYLOCK, 10-32 .....                           | 4    |
| 6    | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....                    | 2    |
| 7    | 52624-SGT | CONTROL BOX W/DECAL, GROUND .....                  | 1    |
|      |           | includes index number 8                            |      |
| 8    | 42065GT   | GASKET,GROUND CONTROL BOX .....                    | 1    |
| 9    | 36871GT   | DIN RAIL,14.75" ** .....                           | 1    |
| 10   | 49819GT   | SCREW,PHILLIPS,PHM,10-32 X .5 .....                | 8    |
| 11   | 6607GT    | WASHER,LOCK,#10 PLTD .....                         | 6    |
| 12   | 28298GT   | WIRING DUCT, 1.5 X 1.5 .....                       | 2    |
| 13   | 25837GT   | TERMINAL STRIP END PLATE .....                     | 2    |
| 14   | 42616GT   | RELAY,POTTER BRUMFIELD 24V ** .....                | 2    |
| 14-  | 42617GT   | CLIP,SPRING,POTTER BRUMFIELD .....                 | 2    |
| 15   | 33608GT   | RELAY,SOCKET,OMRON .....                           | 2    |
| 16   | 25836GT   | TERMINAL BLOCK(SINGLE),WAGO*** .....               | 48   |
| 17   | 25974GT   | PLASTIC END STOP .....                             | 2    |
| 18   | 56057GT   | MODULE,IGNITION/START,12/24V .....                 | 1    |
| 19   | 34053GT   | ASSY,RELAY SOCKET, AUTO .....                      | 8    |
| 20   | 56302GT   | RELAY,24VDC,40/30A,SEALED*** .....                 | 8    |
| 21   | 23404GT   | NUTSERT,1/4-20,STEEL CAD PLTD .....                | 2    |
| 22   | 52945-SGT | RELAY MOUNT ASSY .....                             | 1    |
|      |           | includes index number 21                           |      |
| 23   |           | Ref. Wire Harness - Engine (consult factory) ..... | 1    |
| 24   | 20776GT   | CABLE SQUEEZE CONN .....                           | 1    |
| 25   | 18665GT   | LOCKNUT,ELECTRIC,1" NPT .....                      | 1    |

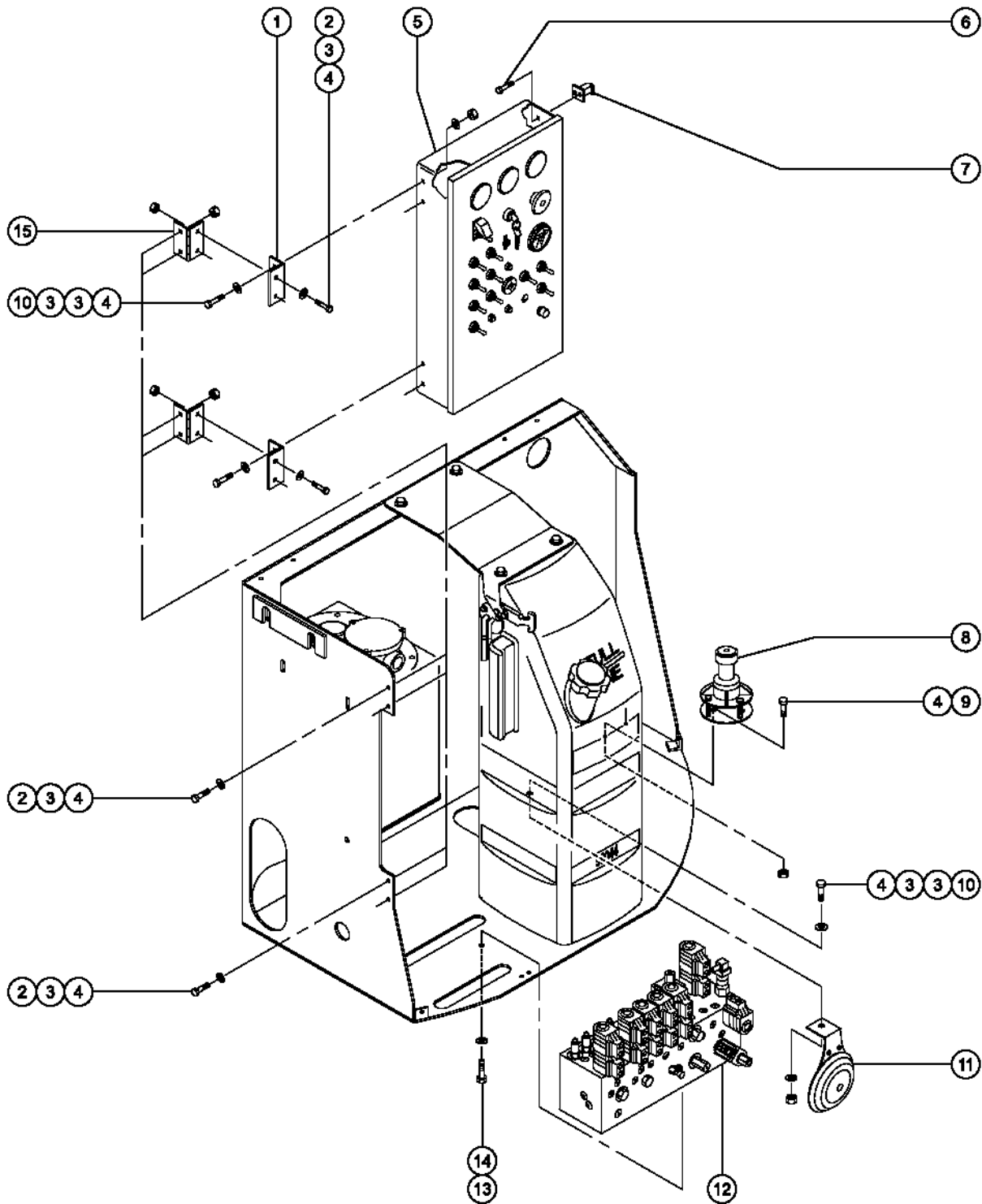
405.1 Ground Controls, View 2





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                 | <i>Qty.</i>           |
|-------------|-----------------|----------------------------------------------------|-----------------------|
| 26          | 35934GT         | WIRE CABLE,18/19 CON.TPRJKT .....<br>2 @618 inches | 618<br>in<br>ch<br>es |
| 27          | 12960GT         | CABLE SQUEEZE CONN.,XTRA LRG .....                 | 2                     |
| 28          | 14041GT         | LOCKNUT,ELECTRIC,3/4" .....                        | 2                     |
| 29          | 43955GT         | WIRE CABLE,12/3 CON.TPE JKT .....                  | 624<br>in<br>ch<br>es |
| 30          | 7057GT          | CONN. SQZ,1/2NPT .39-.56 MED. ....                 | 1                     |
| 31          | 44133GT         | WIRE CABLE,16/4 CON.TPE JKT* .....                 | 82<br>in<br>ch<br>es  |
| 32          | 44133GT         | WIRE CABLE,16/4 CON.TPE JKT* .....                 | 264<br>in<br>ch<br>es |
| 33          | 45384GT         | PLUG,NYLON .50 BLACK DOMED .....                   | 1                     |
| 34          | 43958GT         | WIRE CABLE,16/2 WHT/BRN .....                      | 276<br>in<br>ch<br>es |

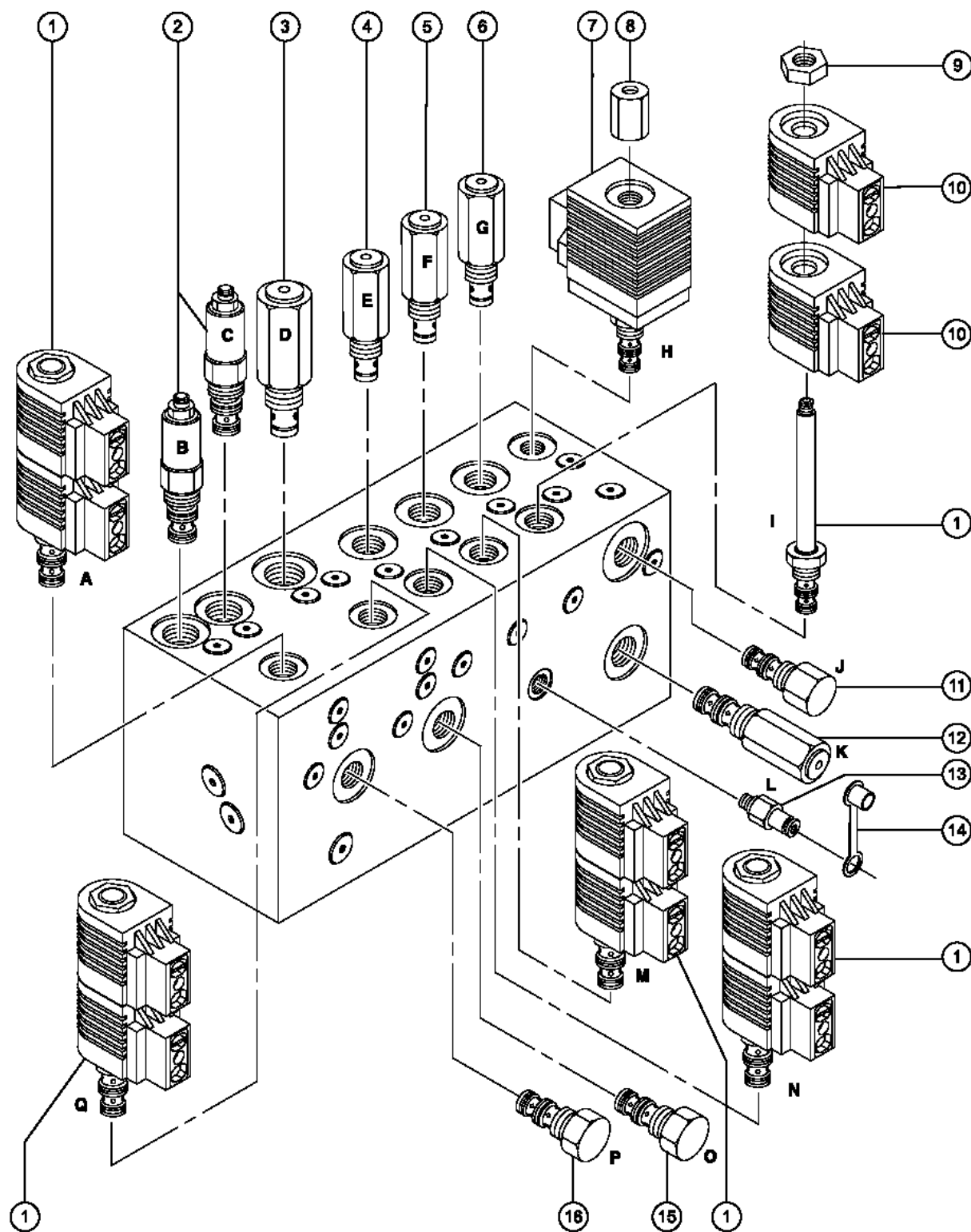
406.1 Ground Controls and Function Manifold Installation



## 406.1 Ground Controls and Function Manifold Installation

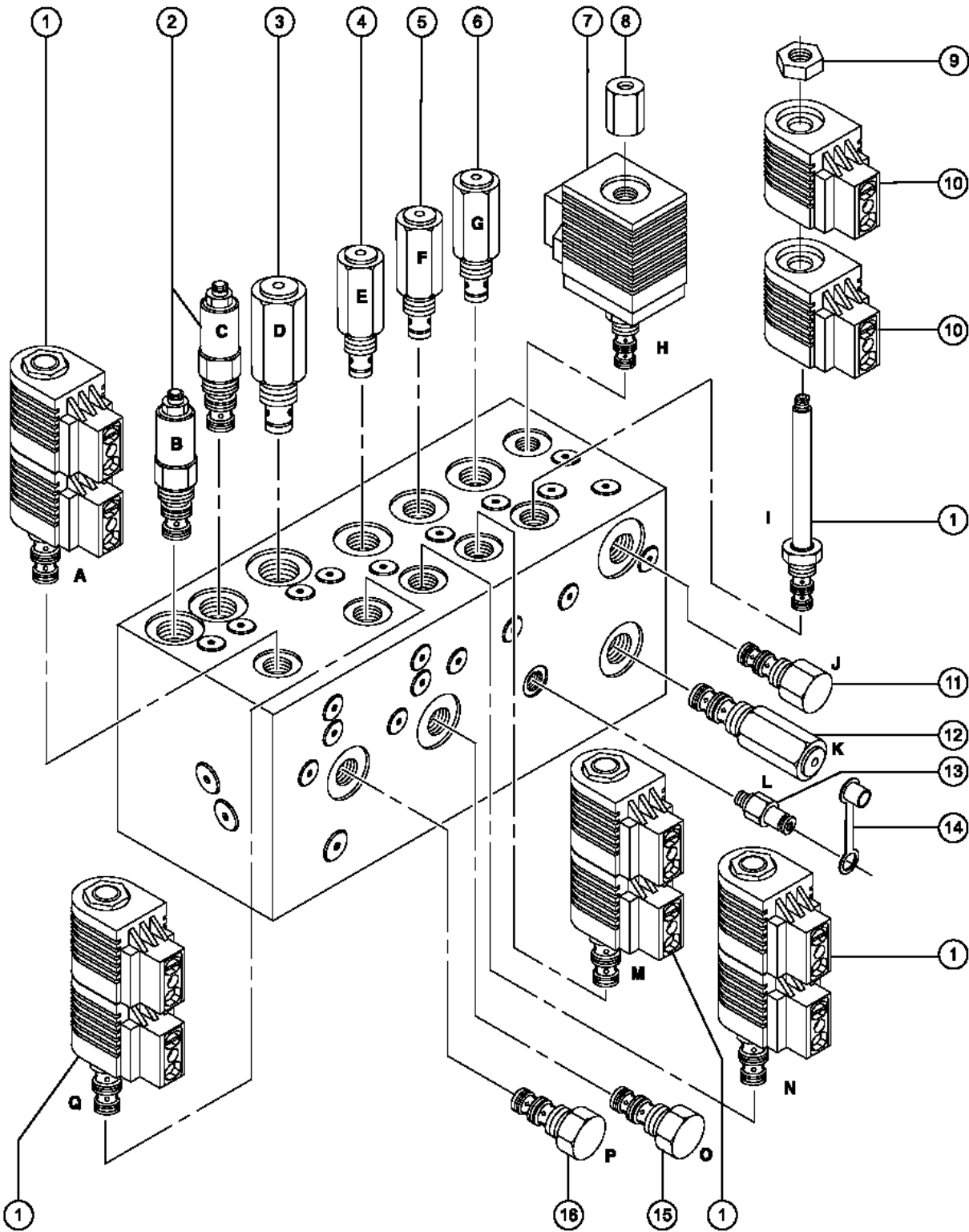
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                 | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------|-------------|
| 1           | 42067PGT        | ANGLE,CONTROL BOX MOUNTING .....                                   | 2           |
| 2           | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....                                     | 8           |
| 3           | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                     | 18          |
| 4           | 6091GT          | NUT,NYLOCK,1/4-20 .....                                            | 17          |
| 5           |                 | Ref. Ground Control Box<br>refer to sections 404.1 and 405.1 ..... | 1           |
| 6           | 21019GT         | SCREW,PHIL,PHM,10-24 X.5,SEMS .....                                | 1           |
| 7           | 56053GT         | LATCH,FLEXIBLE DRAW .....                                          | 1           |
| 8           | 44586GT         | SENSOR,LEVEL 4.5*** .....                                          | 1           |
| 9           | 8914GT          | SCREW, HHC, 1/4-20 X .625 .....                                    | 3           |
| 10          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                       | 5           |
| 11          | 81579GT         | HORN, 24VDC, SPADE TERMINALS*** .....                              | 1           |
| 12          |                 | Ref. Function Manifold<br>refer to sections 407.1 and 408.1 .....  | 1           |
| 13          | 77692GT         | SCREW,HHC,3/8-16 X 1 GRD 8 .....                                   | 2           |
| 14          | 6021GT          | WASHER, LOCK, .375 .....                                           | 2           |
| 15          | 42077GT         | HINGE, 2 X 1.50 .....                                              | 2           |

## 407.1 Function Manifold



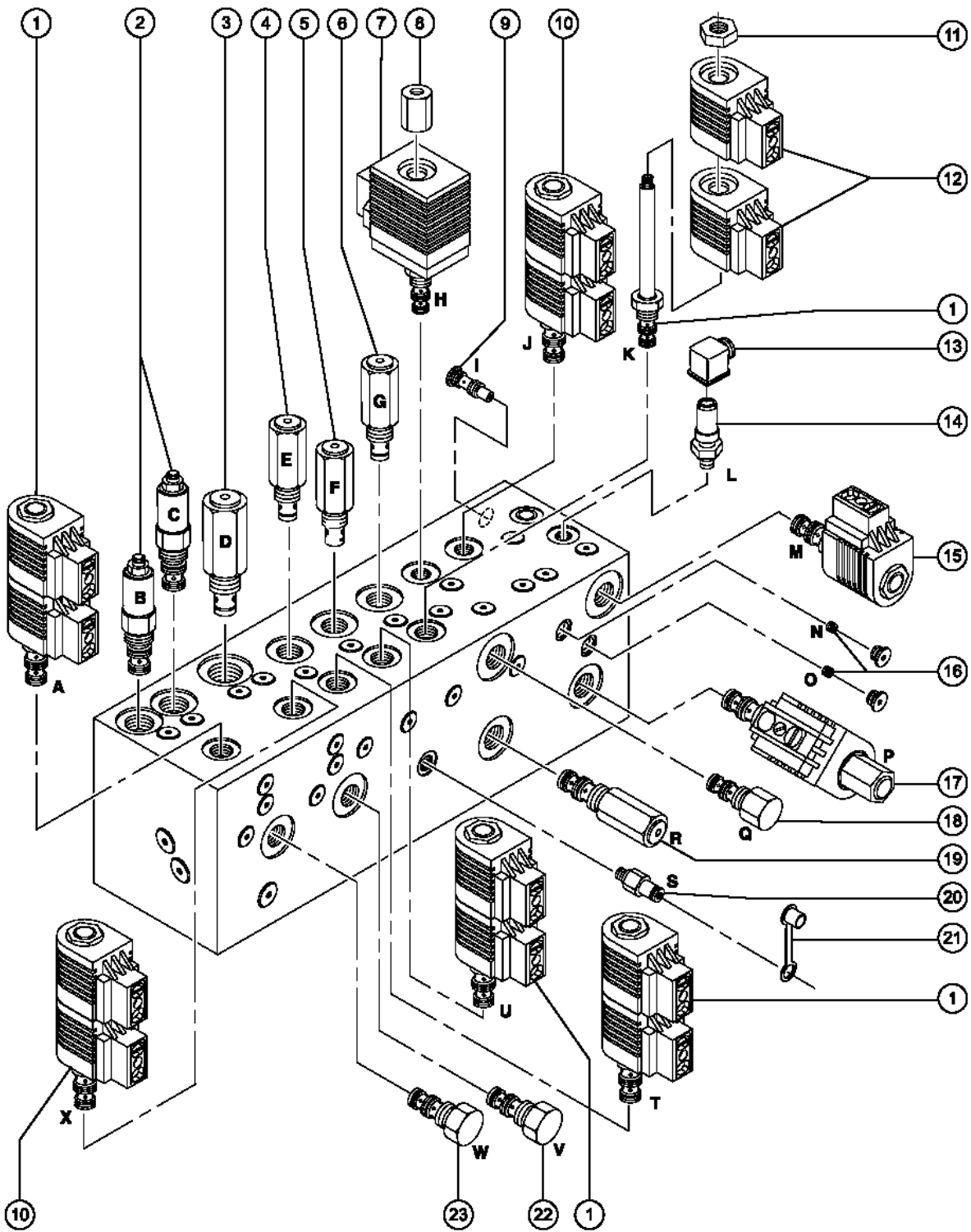
| Item | Part No. | Description                                                                                          | Qty. |
|------|----------|------------------------------------------------------------------------------------------------------|------|
|      | 56016GT  | MANIFOLD,FUNCTION MULTI Z-34BE .....<br>Complete to SN 1111                                          |      |
|      | 49612GT  | O-RING KIT (ORFS FITTINGS) .....<br>to SN 1111                                                       |      |
|      | 49613GT  | PLUG AND CAP KIT-SERVICE,ORFS* .....<br>to SN 1111                                                   |      |
|      | 28750GT  | O-RING KIT,FIELD SVC,ALL PROD* .....<br>to SN 1111                                                   |      |
|      | 33994GT  | PLUG AND CAP KIT-SERVICE,37?*** .....<br>to SN 1111                                                  |      |
| 1    | 52599GT  | VALVE,SOLENOID,3POS/4WAY* .....<br>includes index number 9 and 2 each of index number 10; to SN 1111 | 5    |
| 1-   | 72047GT  | SEAL KIT, SOLENOID VALVE .....<br>to SN 1111                                                         | 1    |
| 2    | 52604GT  | VALVE,COUNTERBALANCE, 3000PSI .....<br>to SN 1111                                                    | 2    |
| 2-   | 58994GT  | SEAL KIT,VALVE (48647) .....<br>to SN 1111                                                           | 1    |
| 3    | 52603GT  | VALVE,RELIEF,1100PSI*** .....<br>to SN 1111                                                          | 1    |
| 3-   | 110199GT | SEAL KIT, VALVE, #10 .....<br>to SN 1111                                                             | 1    |
| 4    | 52601GT  | VALVE,RELIEF,1600 PSI .....<br>to SN 1111                                                            | 1    |
| 4-   | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                                                  | 1    |
| 5    | 52600GT  | VALVE,RELIEF,1400PSI .....<br>to SN 1111                                                             | 1    |
| 5-   | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                                                  | 1    |
| 6    | 31527GT  | VALVE,RELIEF 1800 PSI .....<br>to SN 1111                                                            | 1    |
| 6-   | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                                                  | 1    |
| 7    | 40410GT  | VALVE,PROPORTIONAL** .....<br>Complete to SN 1111                                                    | 1    |
| 7-   | 29032GT  | COIL,24V SOLENOID VALVE .....<br>to SN 1111                                                          | 1    |
| 7-   | 89310GT  | SEAL KIT, SOLENOID VALVE .....<br>to SN 1111                                                         | 1    |
| 8    | 52944GT  | NUT-SOLENOID VALVE .....<br>to SN 1111                                                               | 1    |
| 9    | 45912GT  | NUT,SOLENOID VALVE 2P3W .....<br>to SN 1111                                                          | 4    |
| 10   | 40422GT  | COIL,SOLENOID,20V W/ DIODE,#10 .....<br>to SN 1111                                                   | 10   |
| 11   | 27050GT  | VALVE,DIFFERENTIAL SENSING .....<br>to SN 1111                                                       | 1    |
| 11-  | 110197GT | SEAL KIT, VALVE, #10 .....<br>to SN 1111                                                             | 1    |
| 12   | 52715GT  | VALVE,RELIEF 3200 PSI .....<br>to SN 1111                                                            | 1    |
| 12-  | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                                                  | 1    |
| 13   | 48997GT  | NIPPLE,DIAGNOSTIC,#4 .....<br>to SN 1111                                                             | 1    |

407.1 Function Manifold



| Item | Part No. | Description                                                             | Qty. |
|------|----------|-------------------------------------------------------------------------|------|
| 13-  | 20224GT  | DIAGNOSTIC FEMALE Q-DSCNT .....<br>to SN 1111                           | 1    |
| 14   | 48880GT  | CAP,DIAGNOSTIC NIPPLE .....<br>to SN 1111                               | 1    |
| 15   | 19470GT  | VALVE,FLOW REGULATOR .....<br>to SN 1111                                | 1    |
| 15-  | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                     | 1    |
| 16   | 52598GT  | VALVE,FLOW REGULATOR .8 GPM .....<br>to SN 1111                         | 1    |
| 16-  | 74902GT  | SEAL KIT, VALVE .....<br>to SN 1111                                     | 1    |
| A    |          | Valve-Solenoid<br>Platform Level Up/Down; to SN 1111                    |      |
| B    |          | Counterbalance Valve<br>Platform Level Down; to SN 1111                 |      |
| C    |          | Couriterbalance Valve<br>Platform Level Up; to SN 1111                  |      |
| D    |          | Relief Valve<br>Turntable rotate left/Right; to SN 1111                 |      |
| E    |          | Relif Valve<br>Secondary Boom Down; to SN 1111                          |      |
| F    |          | Relief Valve<br>Primary Boom Down; to SN 1111                           |      |
| G    |          | Relife Valve<br>Primary Boom Extend; to SN 1111                         |      |
| H    |          | Vale -Proportional<br>System Flow Regulating Circuit; to SN 1111        |      |
| I    |          | Valve -Solenoid<br>Primary Boom Extend/Retract; to SN 1111              |      |
| J    |          | Valve -Differential<br>Differential Sensing Circuit Sensing; to SN 1111 |      |
| K    |          | Relife Valve<br>System Relief; to SN 1111                               |      |
| L    |          | Diagnostic Nipple<br>Testing; to SN 1111                                |      |
| M    |          | Valve - Solenoid<br>Primary Boom Up/Down; to SN 1111                    |      |
| N    |          | Valve - Solenoid<br>Secondary Boom Up/Down; to SN 1111                  |      |
| O    |          | Valve - Flow Regulator<br>Turntable Rotate Circuit; to SN 1111          |      |
| P    |          | Valve - Flow Regulator<br>Jib Boom/Platform Rotate Circuit; to SN 1111  |      |
| Q    |          | Valve - Solenoid<br>Turntable Rotate Left/Right; to SN 1111             |      |

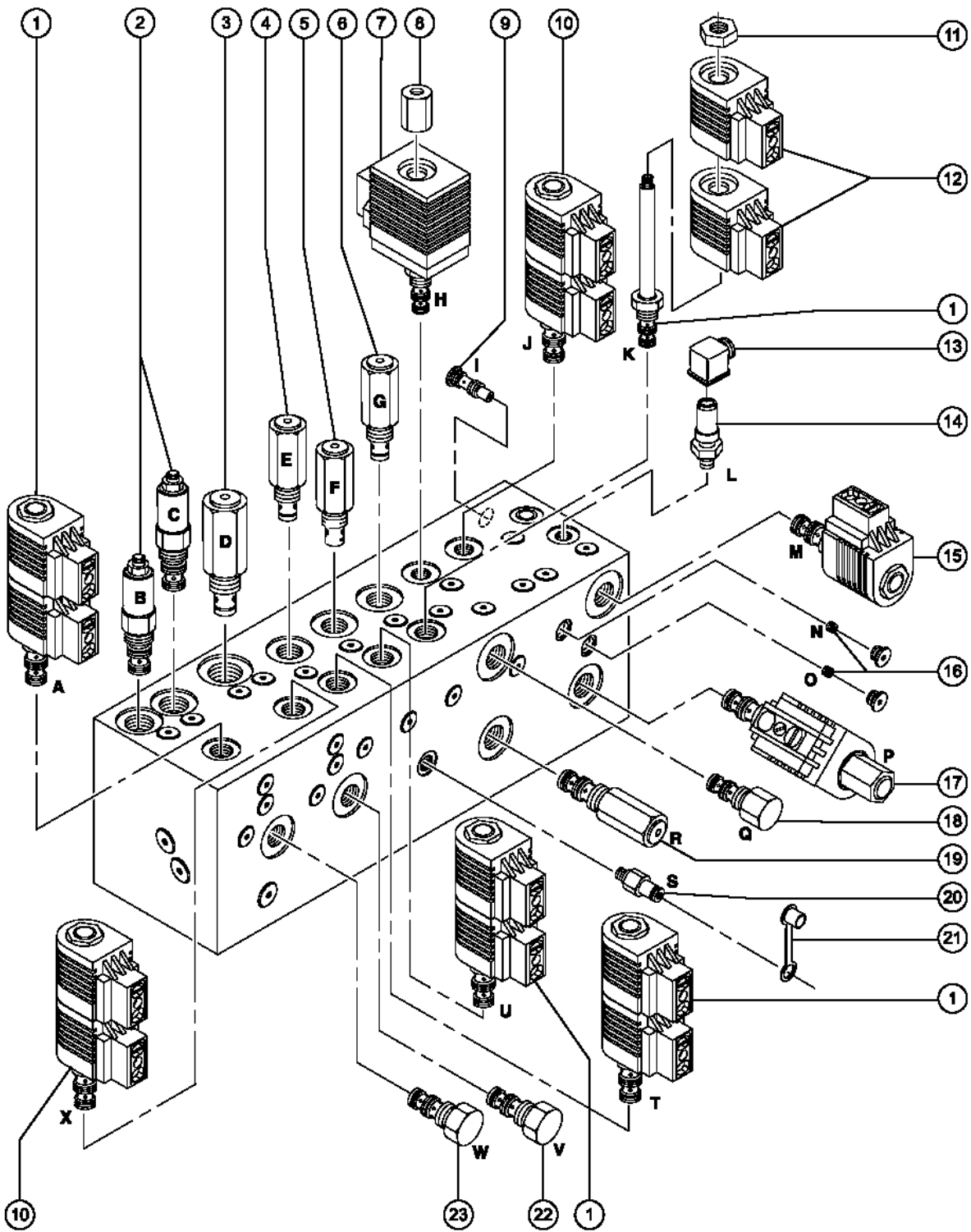
408.1 Function Manifold





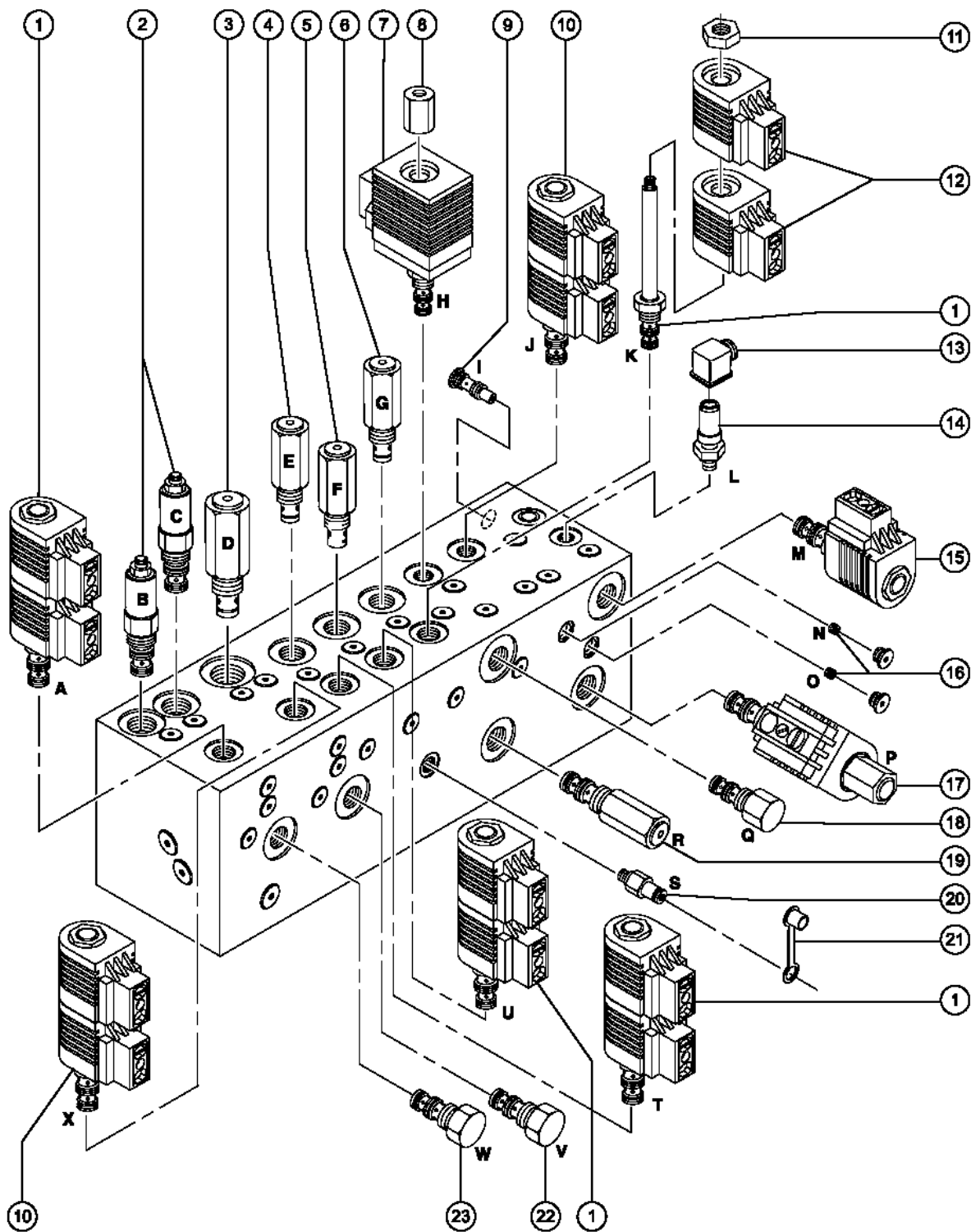
| Item | Part No. | Description                                                                                                       | Qty. |
|------|----------|-------------------------------------------------------------------------------------------------------------------|------|
|      | 56309GT  | MANIFOLD,FUNCT MULTI Z-34BE .....<br>Complete from SN 1112                                                        |      |
|      | 49612GT  | O-RING KIT (ORFS FITTINGS) .....<br>from SN 1112                                                                  |      |
|      | 49613GT  | PLUG AND CAP KIT-SERVICE,ORFS* .....<br>from SN 1112                                                              |      |
|      | 28750GT  | O-RING KIT,FIELD SVC,ALL PROD* .....<br>from SN 1112                                                              |      |
|      | 33994GT  | PLUG AND CAP KIT-SERVICE,37?** .....<br>from SN 1112                                                              |      |
| 1    | 52599GT  | VALVE,SOLENOID,3POS/4WAY* .....<br>includes 1 each of index number 11 and 2 each of index number 12; from SN 1112 | 4    |
| 1-   | 72047GT  | SEAL KIT, SOLENOID VALVE .....<br>from SN 1112                                                                    | 1    |
| 2    | 52604GT  | VALVE,COUNTERBALANCE, 3000PSI .....<br>from SN 1112                                                               | 2    |
| 2-   | 58994GT  | SEAL KIT,VALVE (48647) .....<br>from SN 1112                                                                      | 1    |
| 3    | 52603GT  | VALVE,RELIEF,1100PSI*** .....<br>from SN 1112                                                                     | 1    |
| 3-   | 110199GT | SEAL KIT, VALVE, #10 .....<br>from SN 1112                                                                        | 1    |
| 4    | 52601GT  | VALVE,RELIEF,1600 PSI .....<br>from SN 1112                                                                       | 1    |
| 4-   | 74902GT  | SEAL KIT, VALVE .....<br>from SN 1112                                                                             | 1    |
| 5    | 52601GT  | VALVE,RELIEF,1600 PSI .....<br>from SN 1112                                                                       | 1    |
| 5-   | 74902GT  | SEAL KIT, VALVE .....<br>from SN 1112                                                                             | 1    |
| 6    | 31527GT  | VALVE,RELIEF 1800 PSI .....<br>from SN 1112                                                                       | 1    |
| 6-   | 74902GT  | SEAL KIT, VALVE .....<br>from SN 1112                                                                             | 1    |
| 7    | 40410GT  | VALVE,PROPORTIONAL** .....<br>Complete from SN 1112                                                               | 1    |
| 7-   | 52943GT  | NUT, SOLENOID VALVE COIL .....<br>from SN 1112                                                                    | 1    |
| 7-   | 89310GT  | SEAL KIT, SOLENOID VALVE .....<br>from SN 1112                                                                    | 1    |
| 8    | 52944GT  | NUT-SOLENOID VALVE .....<br>from SN 1112                                                                          | 1    |
| 9    | 43599GT  | VALVE,CHECK .....<br>from SN 1112                                                                                 | 1    |
| 9-   | 110200GT | SEAL KIT, VALVE, #4 .....<br>from SN 1112                                                                         | 1    |
| 10   | 52885GT  | VALVE,SOLENOID,3POS 4WAY .....<br>Complete from SN 1112                                                           | 2    |
| 10-  | 40413GT  | COIL,SOLND,W/D,20V SGL SPADE .....<br>from SN 1112                                                                | 2    |
| 10-  | 52943GT  | NUT, SOLENOID VALVE COIL .....<br>from SN 1112                                                                    | 2    |
| 10-  | 72047GT  | SEAL KIT, SOLENOID VALVE .....<br>from SN 1112                                                                    | 1    |
| 11   | 45912GT  | NUT,SOLENOID VALVE 2P3W .....<br>from SN 1112                                                                     | 4    |

408.1 Function Manifold



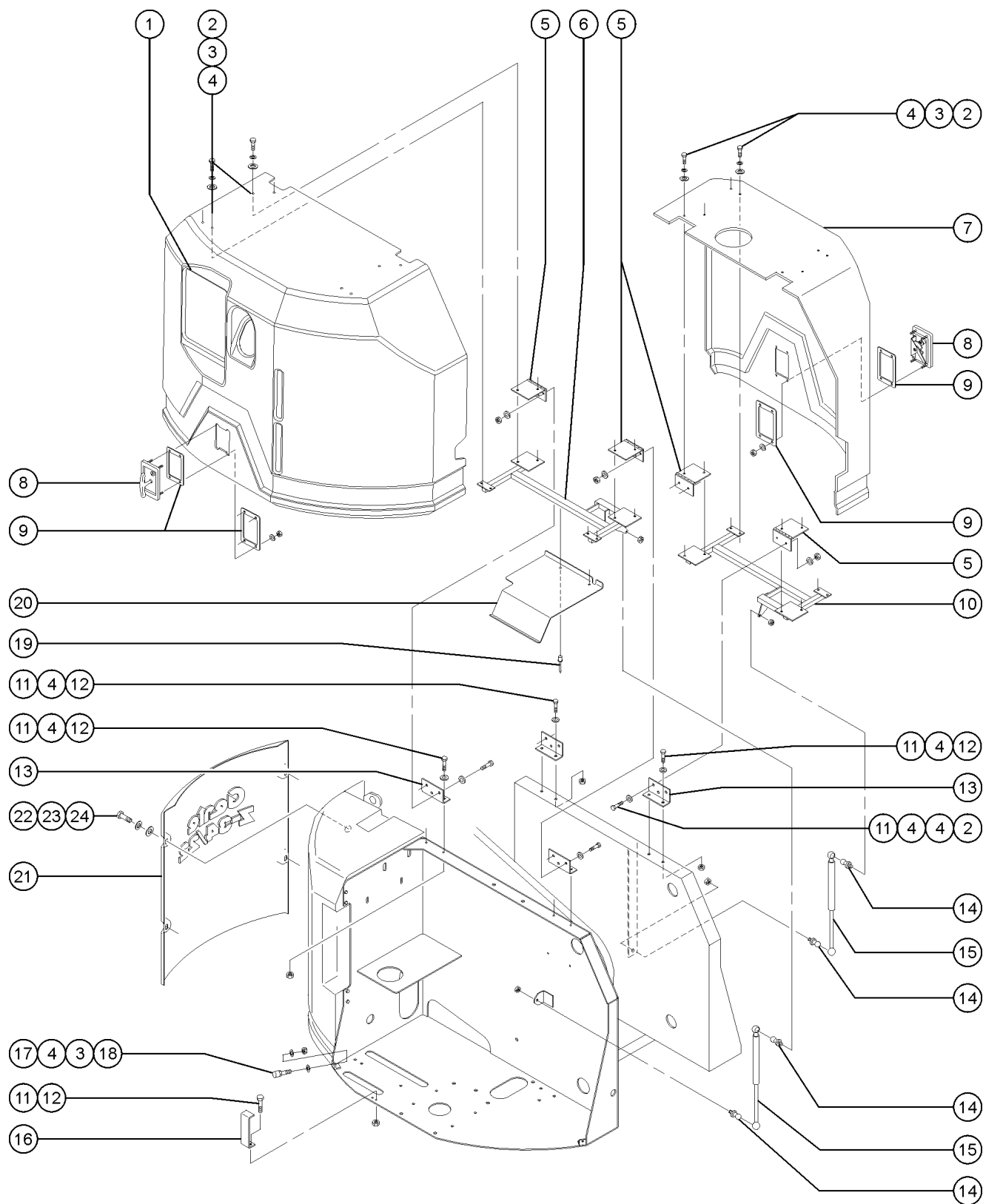
| Item | Part No.  | Description                                                                | Qty. |
|------|-----------|----------------------------------------------------------------------------|------|
| 12   | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....<br>from SN 1112                         | 8    |
| 13   | 29063GT   | DIN CONNECTOR .....<br>from SN 1112                                        | 1    |
| 14   | 1287986GT | SWITCH,PRESS,#6SAE,600 PSI .....<br>includes index number 13; from SN 1112 | 1    |
| 15   | 19789GT   | PLUG,ORIFICE-.045 .....<br>from SN 1112                                    | 2    |
| 16   | 45544GT   | VALVE SOLENOID .....<br>from SN 1112                                       | 1    |
| 16-  | 52339GT   | COIL,SOLND,W/D,20V DUAL SPADE .....<br>from SN 1112                        | 1    |
| 16-  | 74902GT   | SEAL KIT, VALVE .....<br>from SN 1112                                      | 1    |
| 17   | 44956GT   | VALVE,SOLENOID 20V W/DIODE .....<br>from SN 1112                           | 1    |
| 17-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....<br>from SN 1112                         | 1    |
| 17-  | 74902GT   | SEAL KIT, VALVE .....<br>from SN 1112                                      | 1    |
| 18   | 27050GT   | VALVE,DIFFERENTIAL SENSING .....<br>from SN 1112                           | 1    |
| 18-  | 110197GT  | SEAL KIT, VALVE, #10 .....<br>from SN 1112                                 | 1    |
| 19   | 52715GT   | VALVE,RELIEF 3200 PSI .....<br>from SN 1112                                | 1    |
| 19-  | 74902GT   | SEAL KIT, VALVE .....<br>from SN 1112                                      | 1    |
| 20   | 48997GT   | NIPPLE,DIAGNOSTIC,#4 .....<br>from SN 1112                                 | 1    |
| 20-  | 20224GT   | DIAGNOSTIC FEMALE Q-DSCNT .....<br>from SN 1112                            | 1    |
| 21   | 48880GT   | CAP,DIAGNOSTIC NIPPLE .....<br>from SN 1112                                | 1    |
| 22   | 19470GT   | VALVE,FLOW REGULATOR .....<br>from SN 1112                                 | 1    |
| 22-  | 74902GT   | SEAL KIT, VALVE .....<br>from SN 1112                                      | 1    |
| 23   | 52598GT   | VALVE,FLOW REGULATOR .8 GPM .....<br>from SN 1112                          | 1    |
| 23-  | 74902GT   | SEAL KIT, VALVE .....<br>from SN 1112                                      | 1    |
| A    |           | Valve - Solenoid .....<br>Platform Level Up/Down; from SN 1112             |      |
| B    |           | Counterbalance Valve .....<br>Platform Level Down; from SN 1112            |      |
| C    |           | Counterbalance Valve .....<br>Platform Level Up; from SN 1112              |      |
| D    |           | Relief Valve .....<br>Turntable Rotate Left/Rigth; from SN 1112            |      |
| E    |           | Relief Valve .....<br>Secondary Boom down; from SN 1112                    |      |
| F    |           | Relief Valve .....<br>Primary Boom Down; from SN 1112                      |      |
| G    |           | Relife Valve .....<br>Primary Boom Extend; from SN 1112                    |      |

408.1 Function Manifold



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                             | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------------------------------------|-------------|
| H           |                 | Valve - Proportional<br>System Flow Regulating Circuit; from SN 1112 .....                     |             |
| I           |                 | Check Valve<br>Brake Circuit; from SN 1112 .....                                               |             |
| J           |                 | Valve - Solenoid<br>Steer Left/Right; from SN 1112 .....                                       |             |
| K           |                 | Valve - Solenoid<br>Pump Shut-off; from SN 1112 .....                                          |             |
| L           |                 | Pressure Switch<br>Pump Shut-off; from SN 1112 .....                                           |             |
| M           |                 | Orifice Plug, 0.045 inch (1.14 mm)<br>Brake Circuit while Releasing Brakes; from SN 1112 ..... |             |
| N           |                 | Orifice Plug, 0.045 inch (1.14 mm)<br>Brake Circuit while Applying Brakes; from SN 1112 .....  |             |
| O           |                 | Valve - Solenoid<br>Brake Release, Half stroke; from SN 1112 .....                             |             |
| P           |                 | Valve - Solenoid<br>Brake Release Circuit; from SN 1112 .....                                  |             |
| Q           |                 | Valve - differential<br>Differential Sensing Circuit Sensing; from SN 1112 .....               |             |
| R           |                 | Relief Valve<br>System Relief; from SN 1112 .....                                              |             |
| T           |                 | Valve - Solenoid<br>Secondary Boom Up/Down; from SN 1112 .....                                 |             |
| U           |                 | Valve - Solenoid<br>Primary Boom Up/Down; from SN 1112 .....                                   |             |
| V           |                 | Vale - Flow Regulator<br>Turntable Rotate Circuit; from SN 1112 .....                          |             |
| W           |                 | Valve - Flow Regulator<br>Jib Boom/Platform Rotate Circuit; from SN 1112 .....                 |             |
| X           |                 | Valve - Solenoid<br>Turntable Rotate Left/Right; from SN 1112 .....                            |             |

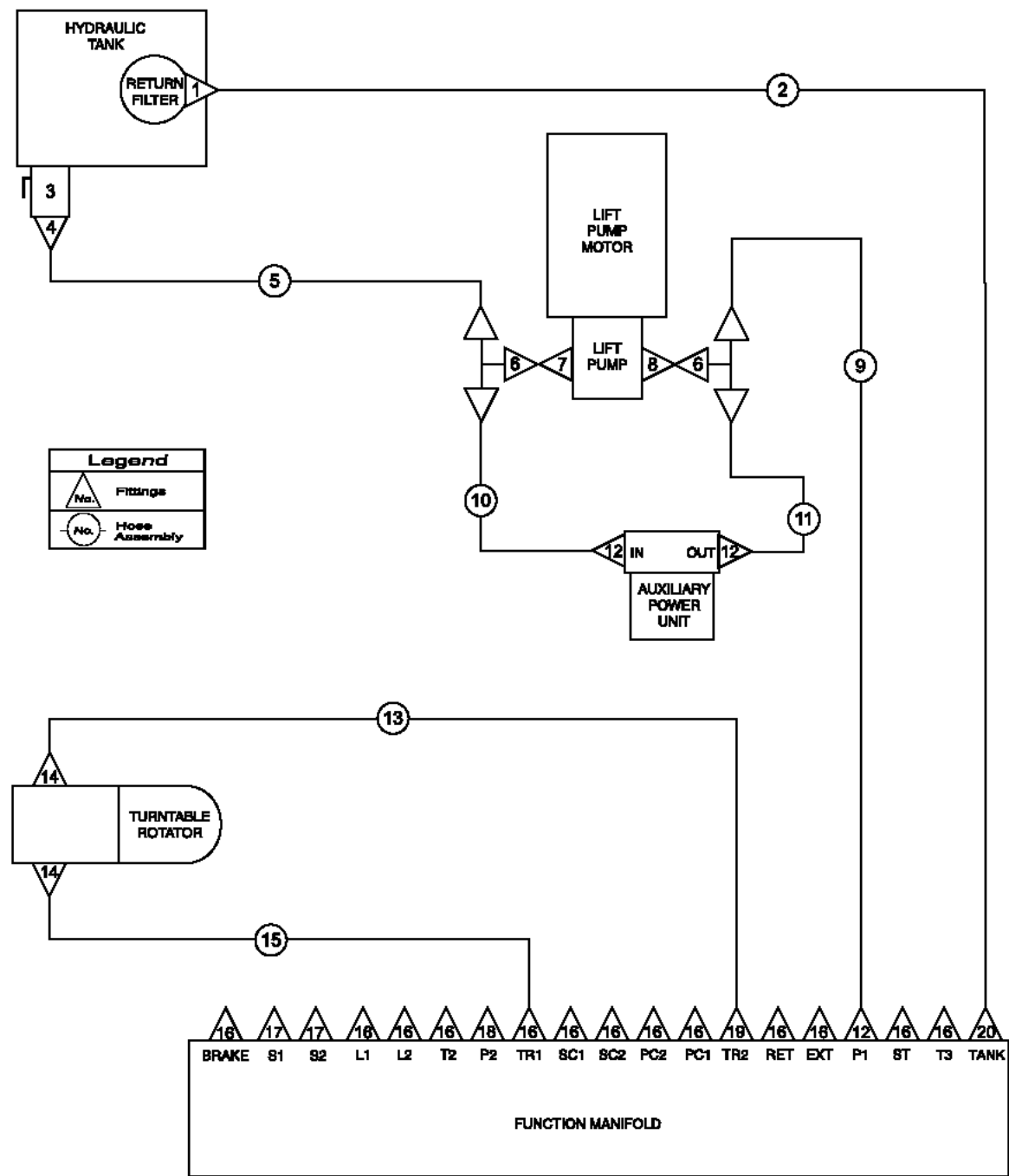
409.1 Turntable Covers



## 409.1 Turntable Covers

| Item | Part No.   | Description                                                                                                  | Qty. |
|------|------------|--------------------------------------------------------------------------------------------------------------|------|
| 1A   | 52696-SGT  | COVER ASSY W/DECALS,G.C. SIDE*<br>models with plastic fuel tank; includes index numbers 2 through 6, 8 and 9 | 1    |
| 2    | 8915GT     | SCREW, HHC, 1/4-20 X 1.25                                                                                    | 28   |
| 3    | 6356GT     | WASHER, LOCK, .25                                                                                            | 10   |
| 4    | 6638GT     | WASHER, FLAT, USS, 1/4"Y                                                                                     | 52   |
| 5    | 75073GT    | HINGE,.375X.120THK.,SLOTTED                                                                                  | 4    |
| 6    | 42101-SGT  | COVER REINFORCEMENT RH                                                                                       | 1    |
| 7    | 52697-SGT  | COVR,ASSY,W/DCALS,ENG.SIDE,BE<br>includes index numbers 2 through 5 and 8 through 10                         | 1    |
| 8    | 28125GT    | LATCH,FLUSH CUP***                                                                                           | 2    |
| 8-   | 29314GT    | KEY,LATCH, 1 PAIR (28125)                                                                                    | 2    |
| 8-   | 33510GT    | LOCK PLUG ASSY, ( 28125 )                                                                                    | 2    |
| 9    | 28471GT    | PLATE,SWING COVER LATCH                                                                                      | 4    |
| 10   | 42100-SGT  | COVER REINFORCEMENT RH                                                                                       | 1    |
| 11   | 6888GT     | SCREW, HHC, 1/4-20 X 1                                                                                       | 14   |
| 12   | 6091GT     | NUT,NYLOCK,1/4-20                                                                                            | 24   |
| 13   | 35949P-SGT | BRACKET,COVER HINGE,BLUE                                                                                     | 4    |
| 14   | 62706GT    | BALL STUD,5/16-18 (56295)<br>includes mounting fastener                                                      | 4    |
| 15   | 56295GT    | STRUT,GAS***                                                                                                 | 2    |
| 16   | 42064PGT   | BRACKET,LATCH,PAINTED                                                                                        | 2    |
| 17   | 36388GT    | BUMPER,RUBBER,.75 X .50H,STUD                                                                                | 2    |
| 18   | 6357GT     | NUT,HEX,1/4-20                                                                                               | 2    |
| 19   | 7264GT     | RIVET,STL,STL,P,.125 X .5                                                                                    | 2    |
| 20   | 56117GT    | PLATE,SHIELD FUEL TANK                                                                                       | 1    |
| 21   | 56160GT    | COVER,COUNTERWEIGHT Z34                                                                                      | 1    |
| 22   | 77692GT    | SCREW,HHC,3/8-16 X 1 GRD 8                                                                                   | 4    |
| 23   | 6021GT     | WASHER, LOCK, .375                                                                                           | 4    |
| 24   | 6097GT     | WASHER, FLAT, USS, 3/8", Y                                                                                   | 4    |

410.1 Hydraulic Hoses and Fittings - Turntable Components

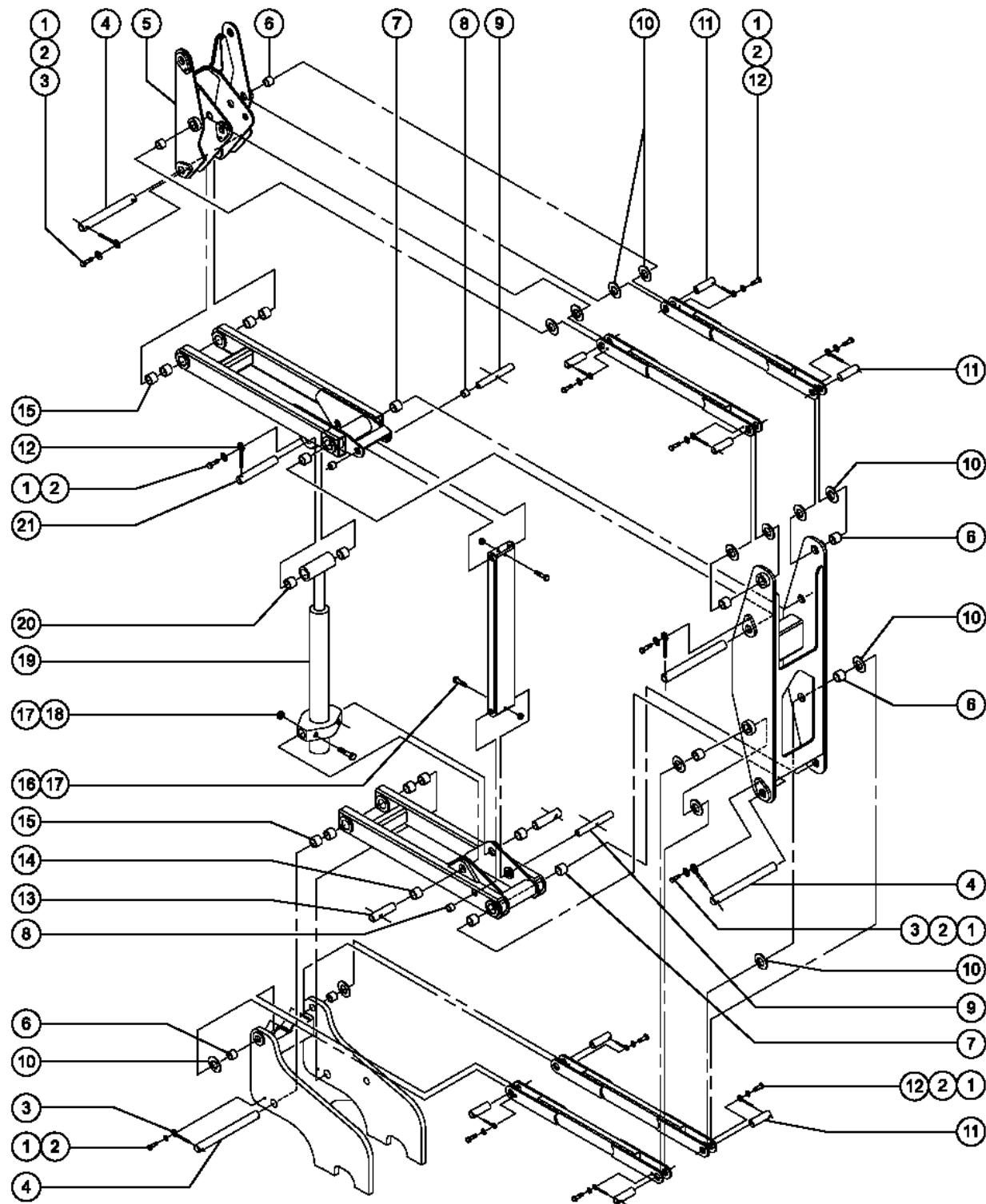




## 410.1 Hydraulic Hoses and Fittings - Turntable Components

| Item | Part No.       | Description                           | Qty. |
|------|----------------|---------------------------------------|------|
|      | 49612GT        | O-RING KIT (ORFS FITTINGS) .....      |      |
|      | 49613GT        | PLUG AND CAP KIT-SERVICE,ORFS* .....  |      |
|      | 28750GT        | O-RING KIT,FIELD SVC,ALL PROD* .....  |      |
|      | 33994GT        | PLUG AND CAP KIT-SERVICE,37?*** ..... |      |
| 1    | 48947GT        | ELBOW,90D,520220-8-12 .....           | 1    |
| 2    | 56048-SGT      | HOSE ASSY,'T1'TO RET.FILTER .....     | 1    |
| 3    | 42920GT        | VALVE,BALL,90DEG.-8NPTF/-8NPTM .....  | 1    |
| 4    | 48944GT        | CONN,520102-8-8 .....                 | 1    |
| 5    | 56115-SGT      | HOSE ASSY,HYD TANK TO 'TEE' .....     | 1    |
| 6    | 48939GT        | TEE,BRANCH,520433-8 .....             | 2    |
| 7    | 48946GT        | CONN,520120-8-10 .....                | 1    |
| 8    | 48999GT        | VALVE,CHK,#8PORT-#8MALEORFS .....     | 1    |
| 9    | 56049-SGT      | HOSE ASSY,'P1'TO HYD PWR PORT .....   | 1    |
| 10   | 1290350-1850GT | HOSE ASSY, 3/8", 18.50 .....          | 1    |
| 11   | 56114-SGT      | HOSE ASSY,AUX PWR TO HYD PWR .....    | 1    |
| 12   | 48916GT        | CONN, 520120-6 .....                  | 3    |
| 13   | 49118-3400GT   | HOSE ASSY,1/4",34.00 .....            | 1    |
| 14   | 48931GT        | CONN,520120-6-10 .....                | 2    |
| 15   | 49118-3850GT   | HOSE ASSY,1/4",38.50 .....            | 1    |
| 16   | 48912GT        | CONN,520120-4-6*** .....              | 13   |
| 17   | 49418GT        | FITTING,ELBOW,45D,520320-4-6** .....  | 2    |
| 18   | 48905GT        | CONNECTOR, 520120-4 .....             | 1    |
| 19   | 48900GT        | CONN,520120-4-6,.035,ORI .....        | 1    |
| 20   | 48933GT        | CONN,520120-8*** .....                | 1    |

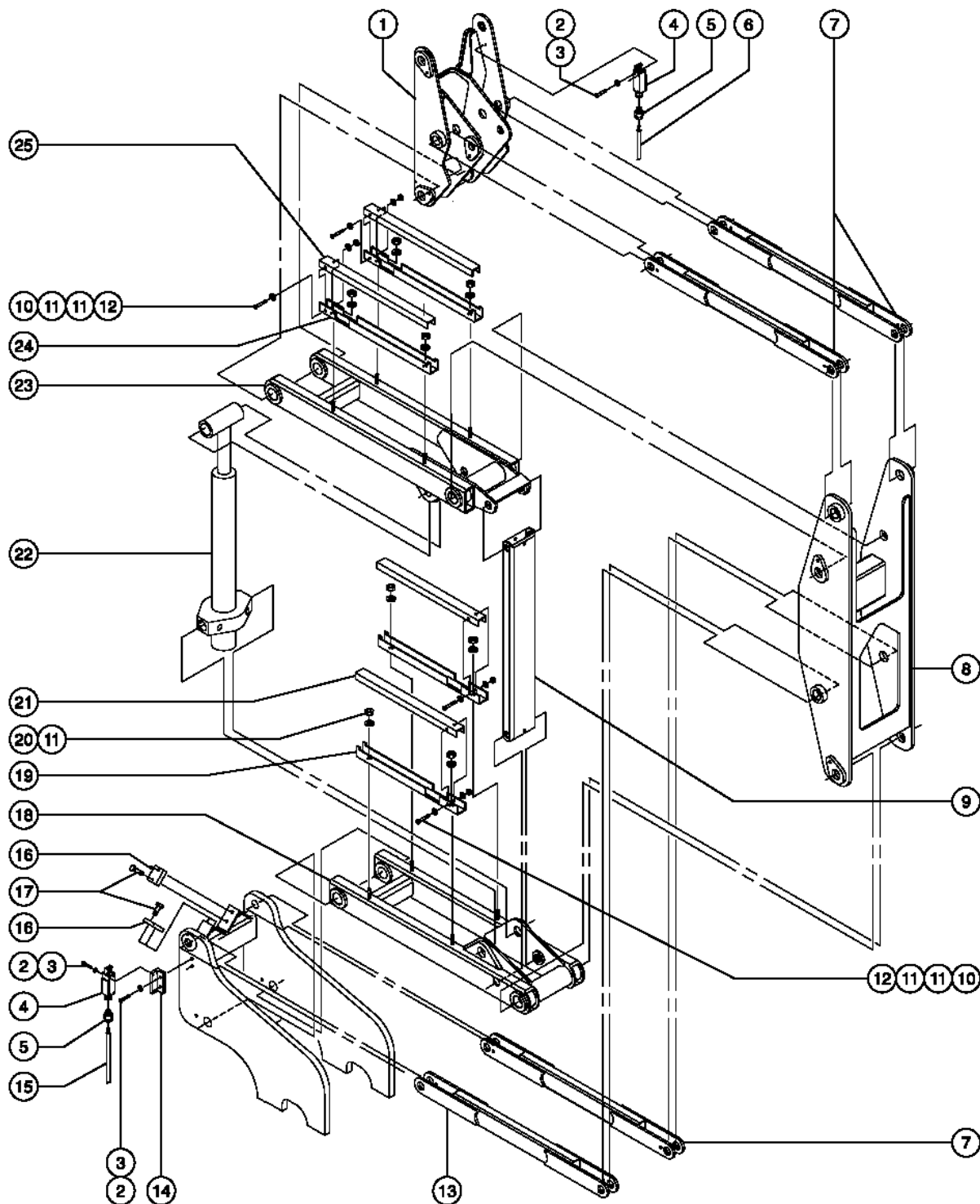
501.1 Secondary Boom, View 1



## 501.1 Secondary Boom, View 1

| Item | Part No.  | Description                                                            | Qty. |
|------|-----------|------------------------------------------------------------------------|------|
| 1    | 77692GT   | SCREW,HHC,3/8-16 X 1 GRD 8 .....                                       | 13   |
| 2    | 6021GT    | WASHER, LOCK, .375 .....                                               | 13   |
| 3    | 825019GT  | ROD END, .375X3.69, ZAG .....                                          | 4    |
| 4    | 36194GT   | PIN,1.50DIAX15.13LG,1HOLE .....                                        | 4    |
| 5    | 40447GT   | UPPER MIDPIVOT ASSY,Z34 & Z34N<br>includes 2 each index number 6 ..... | 1    |
| 6    | 34245GT   | BEARING,1.25IDX1.50X1.25L .....                                        | 8    |
| 7    | 45071GT   | BEARING,1.5IDX1.75ODX1.5L .....                                        | 4    |
| 8    | 36245GT   | BEARING,FL,1.00IDX1.25ODX0.84L .....                                   | 4    |
| 9    | 36202GT   | PIN,1.00DIAX7.25LG,1HOLE .....                                         | 2    |
| 10   | 30255GT   | WASHER,SHIM,1.27 X 2.13 X .062 .....                                   | 14   |
| 11   | 36390GT   | PIN,1.25DIAX3.63LG,THREADED .....                                      | 8    |
| 12   | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                          | 9    |
| 13   | 36205GT   | PIN,1.25DIAX3.00LG,THREADED .....                                      | 2    |
| 14   | 36246GT   | BEARING,FL,1.25IDX1.50ODX1.09L .....                                   | 2    |
| 15   | 18396GT   | BEARING,1.5IDX1.75ODX1.0L .....                                        | 8    |
| 16   | 36874GT   | SCREW,BHHS,3/8-16 X 2.5 .....                                          | 2    |
| 17   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                              | 4    |
| 18   | 14033GT   | SCREW, HHC, 3/8-16 X 2.75 .....                                        | 2    |
| 19   | 94210GT   | CYLINDER,ELEVATE, Z34 .....                                            | 1    |
| 19-  | 48404GT   | SEAL KIT,42409 ELEV. CYL.TEXAS .....                                   | 1    |
| 19-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000** .....                                   | 1    |
| 19-  | 25683GT   | BEARING,POLYGON,20DU12 .....                                           | 1    |
| 20   | 25683GT   | BEARING,POLYGON,20DU12 .....                                           | 2    |
| 21   | 36200GT   | PIN,1.25DIAX9.38LG,1HOLE .....                                         | 1    |

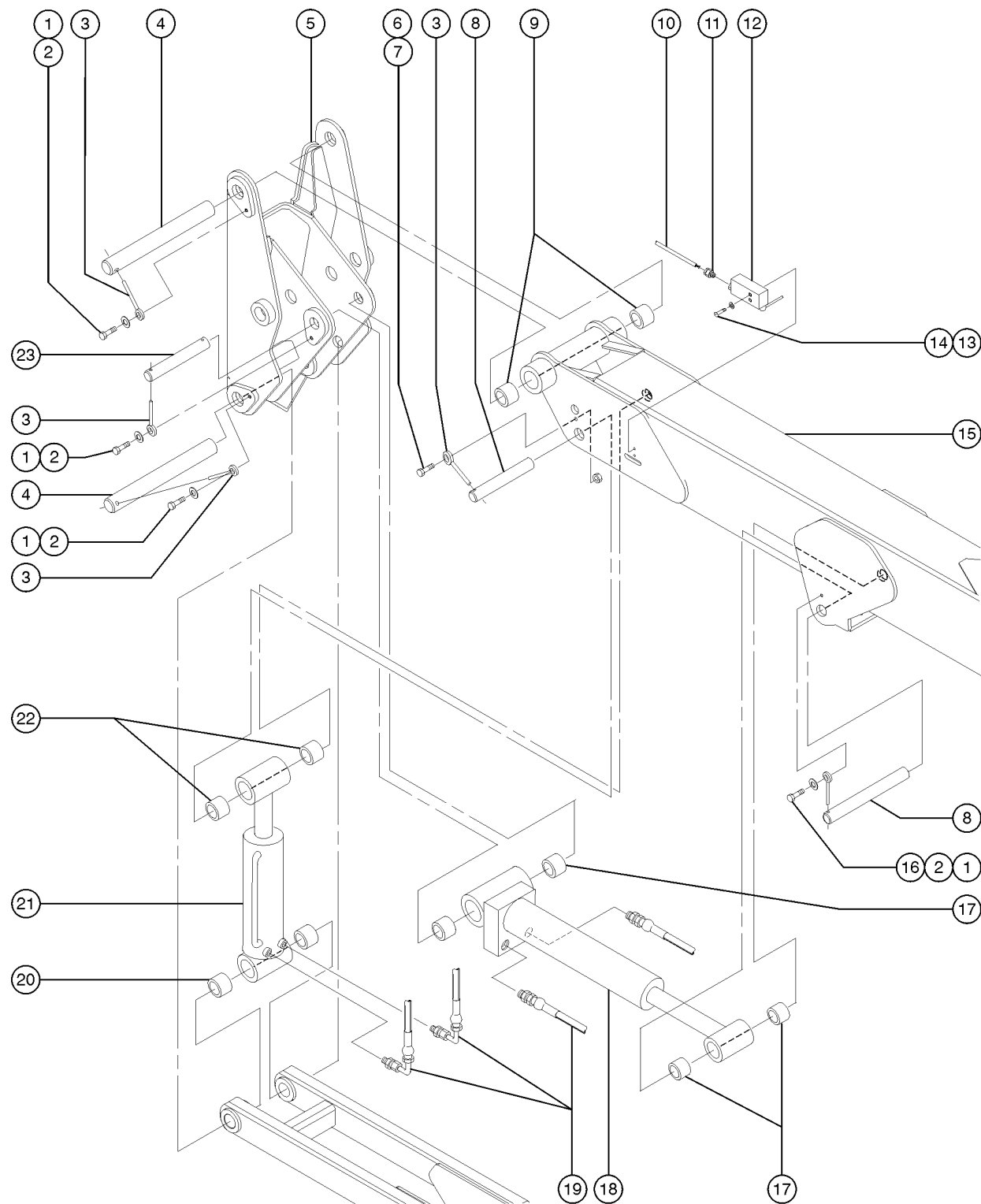
502.1 Secondary Boom, View 2



## 502.1 Secondary Boom, View 2

| Item | Part No.      | Description                          | Qty. |
|------|---------------|--------------------------------------|------|
| 1    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N ..... | 1    |
| 2    | 49821GT       | SCREW,PHILLIPS,PHM,8-32 X 1.25 ..... | 4    |
| 3    | 6607GT        | WASHER,LOCK,#10 PLTD .....           | 6    |
| 4    | 88356-116R3GT | SWITCH,LIMIT,W/ROLLER ARM*** .....   | 2    |
| 4-   | 19491GT       | CONTACTOR,LIMIT SWITCH .....         | 2    |
| 5    | 7056GT        | CONN,SQUEEZE,1/2NPT .38-.50,SM ..... | 2    |
| 6    | 44133GT       | WIRE CABLE,16/4 CON.TPE JKT* .....   | 290  |
| 7    | 74946GT       | COMPRESSION ARM WELDMENT 56.50 ..... | 3    |
| 8    | 40446GT       | LOWER MIDPIVOT ASSY,Z34 &Z34N* ..... | 1    |
| 9    | 36664GT       | CONNECTING LINK,MACHINED*** .....    | 1    |
| 10   | 6884GT        | SCREW,HHC,1/4-20 X 2.5 .....         | 4    |
| 11   | 6638GT        | WASHER, FLAT, USS, 1/4"Y .....       | 16   |
| 12   | 6889GT        | NUT,LP NYLOCK,1/4-20 .....           | 4    |
| 13   | 128633GT      | KIT, SERVICE, Z34 LWR COMP ARM ..... | 1    |
| 14   | 42413GT       | ANGLE,SWITCH MOUNT*** .....          | 1    |
| 15   | 43958GT       | WIRE CABLE,16/2 WHT/BRN .....        | 85   |
| 16   | 36366GT       | PAD,UPPER PIVOT REST .....           | 2    |
| 17   | 45425GT       | SCREW,FHS,3/8-16 X .75 .....         | 4    |
| 18   | 40449GT       | LOWER SECONDARY ARM ASSY,Z34 .....   | 1    |
| 19   | 42623GT       | HOSE TRACK,LOWER ARM .....           | 2    |
| 20   | 6091GT        | NUT,NYLOCK,1/4-20 .....              | 8    |
| 21   | 42624GT       | HOSE TRACK COVER,LOWER ARM .....     | 2    |
| 22   | 94210GT       | CYLINDER,ELEVATE, Z34 .....          | 1    |
| 22-  | 48404GT       | SEAL KIT,42409 ELEV. CYL.TEXAS ..... | 1    |
| 22-  | 31106GT       | VALVE,CNTERBAL,CBBB-LHN@3000** ..... | 1    |
| 23   | 58008GT       | UPPER SECONDARY BOOM ASSEMBLY .....  | 1    |
| 24   | 42612GT       | HOSE TRACK,UPPER ARM .....           | 2    |
| 25   | 42613GT       | HOSE TRACK COVER,UPPER ARM .....     | 2    |

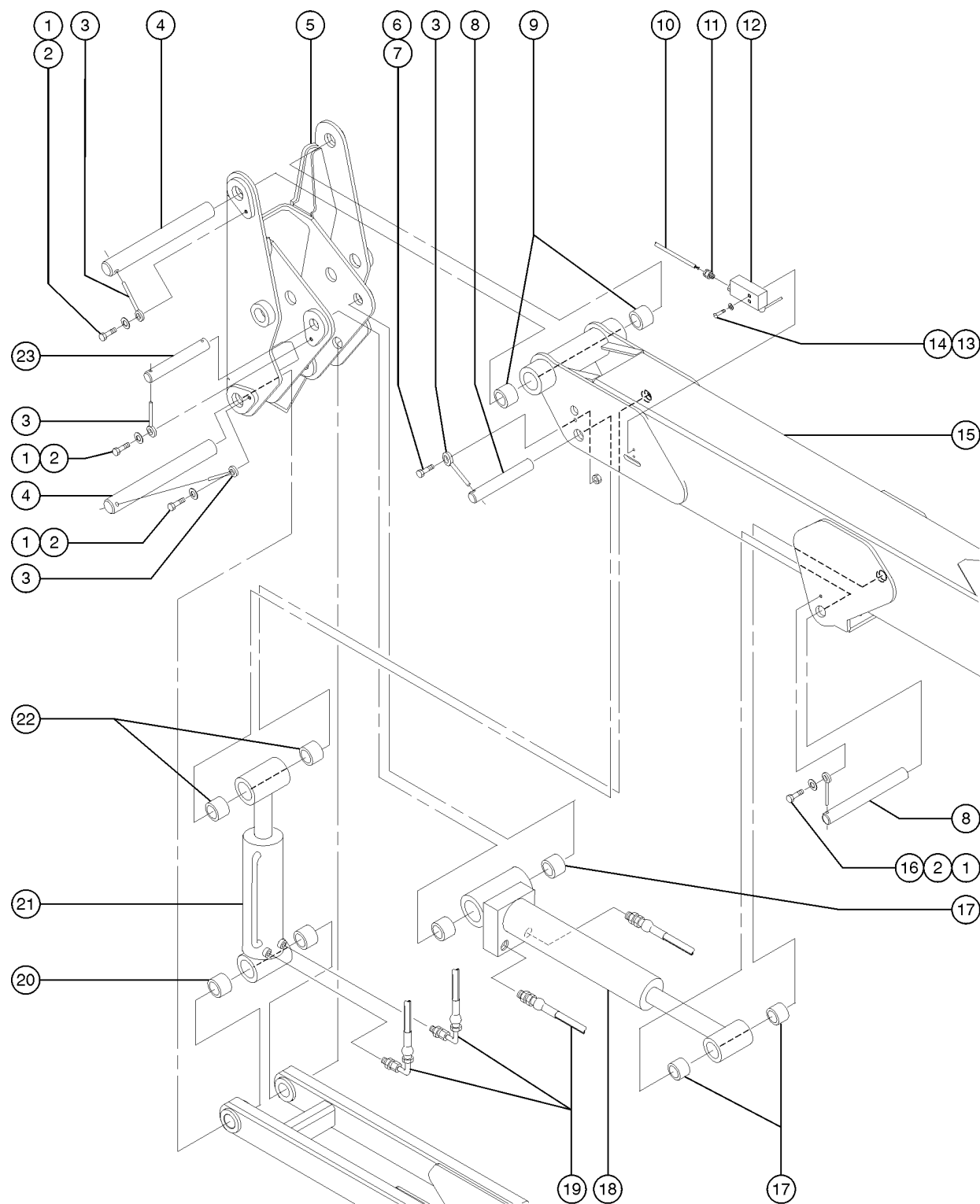
503.1 Upper Mid-pivot



## 503.1 Upper Mid-pivot

| Item | Part No.      | Description                                                | Qty. |
|------|---------------|------------------------------------------------------------|------|
| 1    | 77692GT       | SCREW,HHC,3/8-16 X 1 GRD 8 .....                           | 4    |
| 2    | 6021GT        | WASHER, LOCK, .375 .....                                   | 4    |
| 3    | 825019GT      | ROD END, .375X3.69, ZAG .....                              | 4    |
| 4    | 36194GT       | PIN,1.50DIA X 15.13LG,1HOLE .....                          | 2    |
| 5    | 40447GT       | UPPER MIDPIVOT ASSY,Z34 & Z34N .....                       | 2    |
| 5-   | 34245GT       | BEARING,1.25ID X 1.50 X 1.25L .....                        | 1    |
| 6    | 6019GT        | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                        | 1    |
| 7    | 4828GT        | NUT, NYLOCK, 3/8-16 .....                                  | 1    |
| 8    | 74091GT       | PIN,1.25DIA X 9.13LG,1HOLE .....                           | 2    |
| 9    | 45071GT       | BEARING,1.5ID X 1.75OD X 1.5L .....                        | 2    |
| 10   | 44133GT       | WIRE CABLE,16/4 CON.TPE JKT* .....                         | 276  |
| 11   | 7056GT        | CONN,SQUEEZE,1/2NPT .38-.50,SM .....                       | 1    |
| 12   | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....                       | 1    |
| 12-  | 19491GT       | CONTACTOR,LIMIT SWITCH .....                               |      |
| 12-  | 106433GT      | LS SPRING WAND (ZCY91) .....                               |      |
| 13   | 16486GT       | SCREW,RHM,10-32 X 1.75 .....                               | 2    |
| 14   | 6607GT        | WASHER,LOCK,#10 PLTD .....                                 | 2    |
| 15   | 40450GT       | PRIMARY BOOM TUBE ASSEMBLY .....                           | 1    |
|      |               | includes index number 9                                    |      |
| 16   | 1255452GT     | ROD END,.375 X 2.25,ZAG .....                              | 1    |
| 17   | 47377GT       | BEARING,1.25 ID X 1.5 OD X .75 .....                       | 6    |
|      |               | measure cylinder before ordering                           |      |
| 17-  | 25683GT       | BEARING,POLYGON,20DU12 .....                               |      |
|      |               | measure cylinder before ordering                           |      |
| 18   | 94215GT       | CYLINDER,PRIMARY LIFT .....                                | 1    |
|      |               | includes 4 each index number 17                            |      |
| 18-  | 48402GT       | SEAL KIT,42407,42559 CYL,TEXAS .....                       | 1    |
| 18-  | 33428GT       | VALVE,COUNTERBALANCE .....                                 | 1    |
|      |               | measure cylinder before ordering                           |      |
| 19   |               | Ref. Hydraulic Hoses and Fittings .....                    | 1    |
|      |               | refer to section 507.1                                     |      |
| 20   | 52625GT       | BEARING,1.50 X 1.66 X 1.5 .....                            | 2    |
| 21   | 94216GT       | CYLINDER,MASTER .....                                      | 1    |
|      |               | includes 2 each index number 16 and 2 each index number 20 |      |
| 21-  | 48400GT       | SEAL KIT,42405 CYL.TEXAS .....                             | 1    |

503.1 Upper Mid-pivot



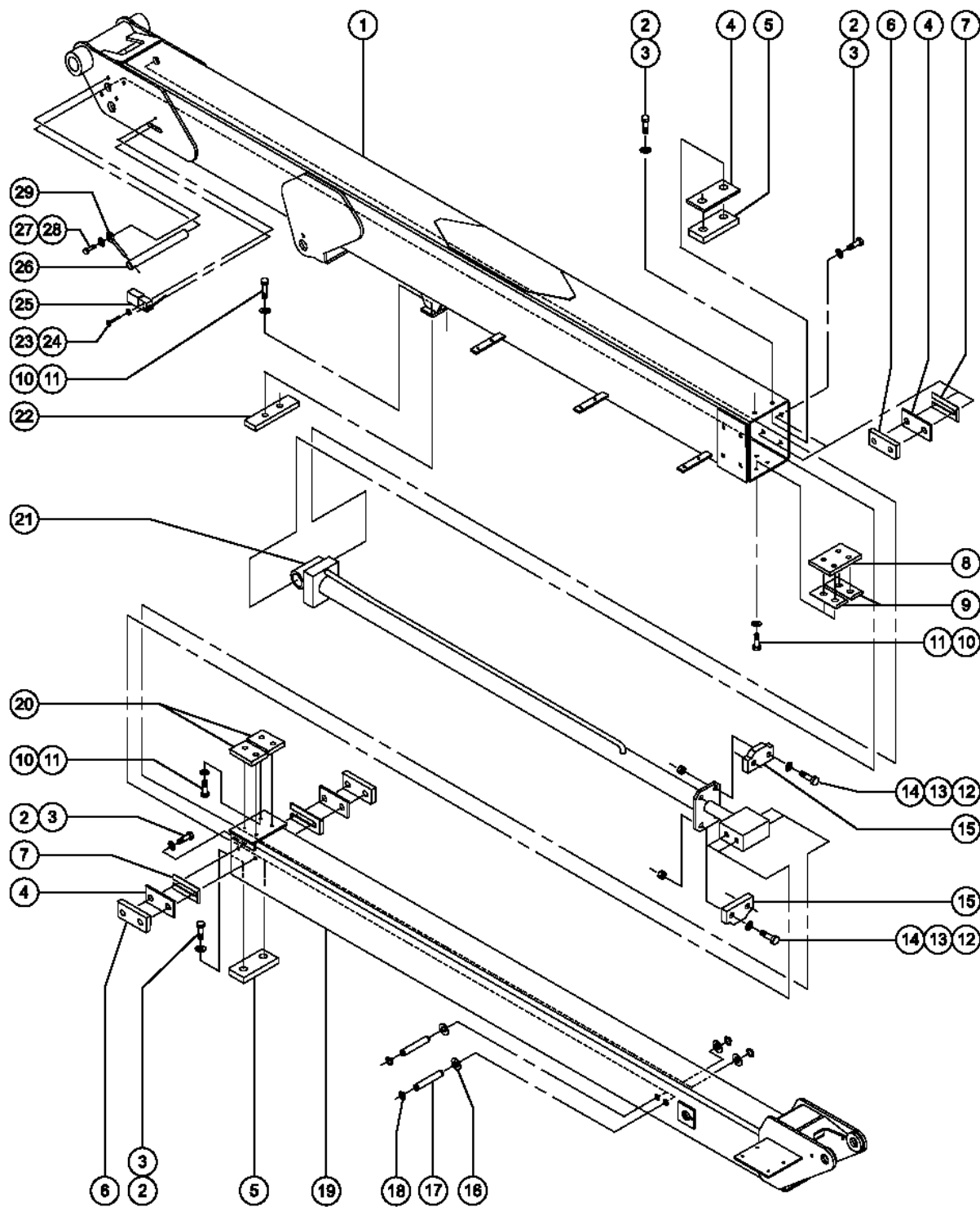


503.1 Upper Mid-pivot

| Item | Part No. | Description                                                          | Qty. |
|------|----------|----------------------------------------------------------------------|------|
| 22   | 88280GT  | BEARING,1.5IDX1.75ODX0.75L .....<br>measure cylinder before ordering | 2    |
| 22-  | 52625GT  | BEARING,1.50 X 1.66 X 1.5 .....<br>measure cylinder before ordering  |      |
| 23   | 36198GT  | PIN,1.25DIAX8.12LG,1HOLE .....                                       | 1    |



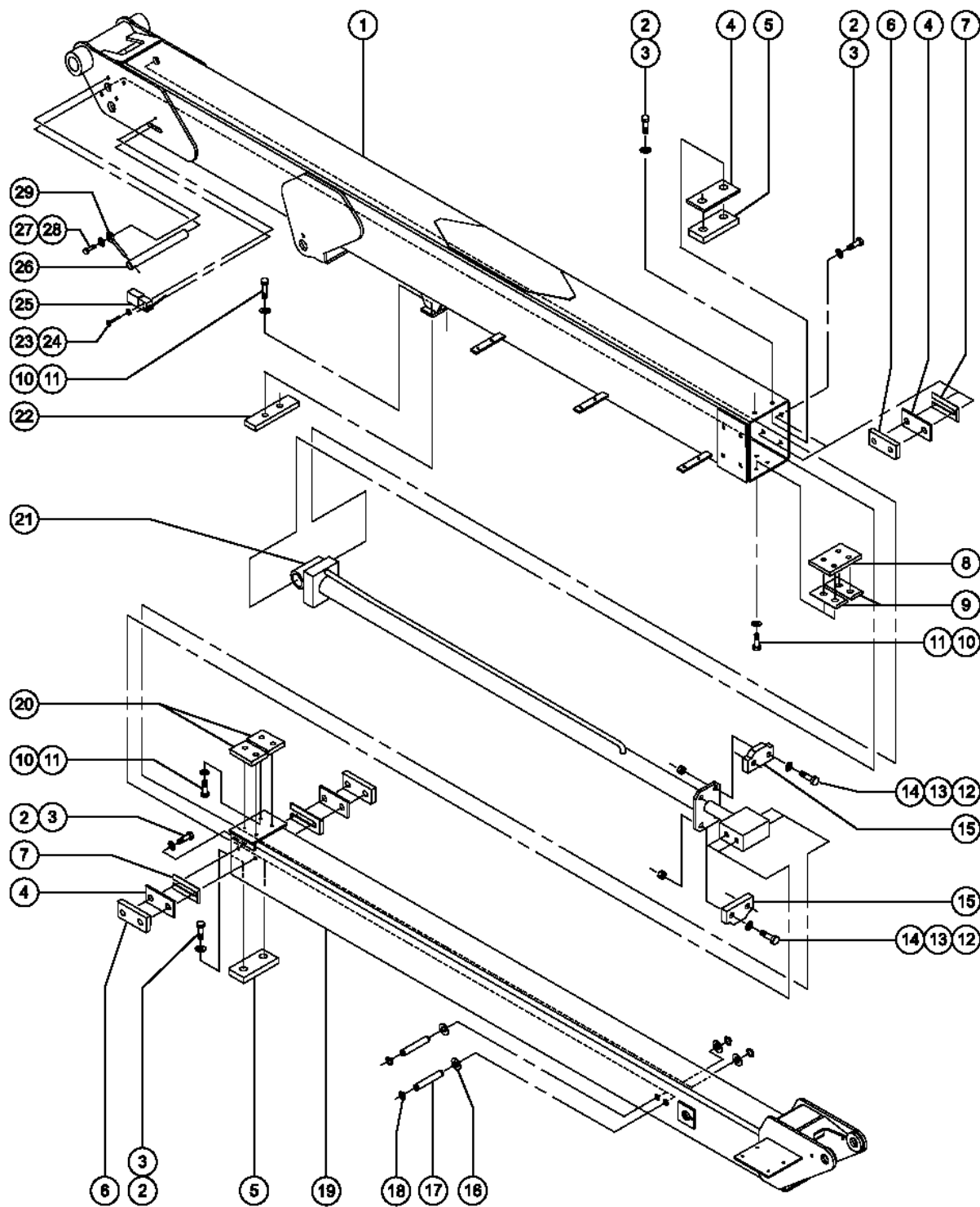
504.1 Primary and Extension Booms



## 504.1 Primary and Extension Booms

| Item | Part No.  | Description                                                             | Qty. |
|------|-----------|-------------------------------------------------------------------------|------|
| 1    | 40450GT   | PRIMARY BOOM TUBE ASSEMBLY .....                                        | 1    |
| 2    | 94195GT   | SCREW,HHC,3/8-16 X .75,GR 8 .....                                       | 16   |
| 3    | 6021GT    | WASHER, LOCK, .375 .....                                                | 16   |
| 4    | 38620GT   | SHIM,WEAR PAD,5 X 1.5,14GA .....                                        | 18   |
| 5    | 34125GT   | WEAR PAD,5 X 1.5 X .75 W/NUTS .....                                     | 2    |
| 6    | 30138GT   | WEAR PAD,5 X 1.5 X .625 W/NUTS .....                                    | 6    |
| 7    | 29080GT   | SHIM,WEAR PAD,5X 1.5 16GA .....                                         | 6    |
| 8    | 36221GT   | WEAR PAD,PRIMARY BOOM .....                                             | 1    |
| 9    | 45465GT   | SHIM,PRIMARY BOOM,.022 THICK .....                                      | 2    |
| 10   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                          | 10   |
| 11   | 6356GT    | WASHER, LOCK, .25 .....                                                 | 10   |
| 12   | 6888GT    | SCREW, HHC, 1/4-20 X 1 .....                                            | 4    |
| 13   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                          | 4    |
| 14   | 6091GT    | NUT,NYLOCK,1/4-20 .....                                                 | 4    |
| 15   | 74066GT   | WEAR PAD,EXT CYL *** .....                                              | 2    |
| 16   | 6563GT    | WASHER,SHIM,.75 X 1.125 X.030 .....                                     | 6    |
| 17   | 36192GT   | PIN,0.75DIA X 5.51LG,2RING .....                                        | 2    |
| 18   | 10262GT   | SNAP RING,EXTERNAL,.75 DIA. ....                                        | 4    |
| 19   | 36492GT   | MACHINED,EXTENSION BOOM .....                                           | 1    |
| 20   | 45745GT   | WEAR PAD,4 X 2 X.50 THK.BLACK .....                                     | 2    |
| 21   | 94212GT   | CYLINDER,EXTENSION<br>(No Longer Available,Replaced By 1298670GT) ..... | 1    |
| 21-  | 94255GT   | SEAL KIT,94212<br>for 94212GT .....                                     | 1    |
| 21-  | 48406GT   | SEAL KIT,42411 & 42408<br>for 42408GT (no longer available) .....       |      |
| 21-  | 147143GT  | SEAL KIT,147138 & 147139<br>for 147138GT (no longer available) .....    |      |
| 21-  | 36648GT   | VALVE,COUNTERBALANCE 2500 PSI*<br>(top) .....                           | 1    |
| 21-  | 74508GT   | VALVE,CHECK,COBA-X*N 200PSI PO<br>(bottom) .....                        | 1    |
| 21-  | 74509GT   | VALVE,CHECK,CXAD-XCN,30PSI<br>(side) .....                              | 1    |
| 21B  | 1298670GT | CYLINDER, EXTENSION, Z34 .....                                          | 1    |

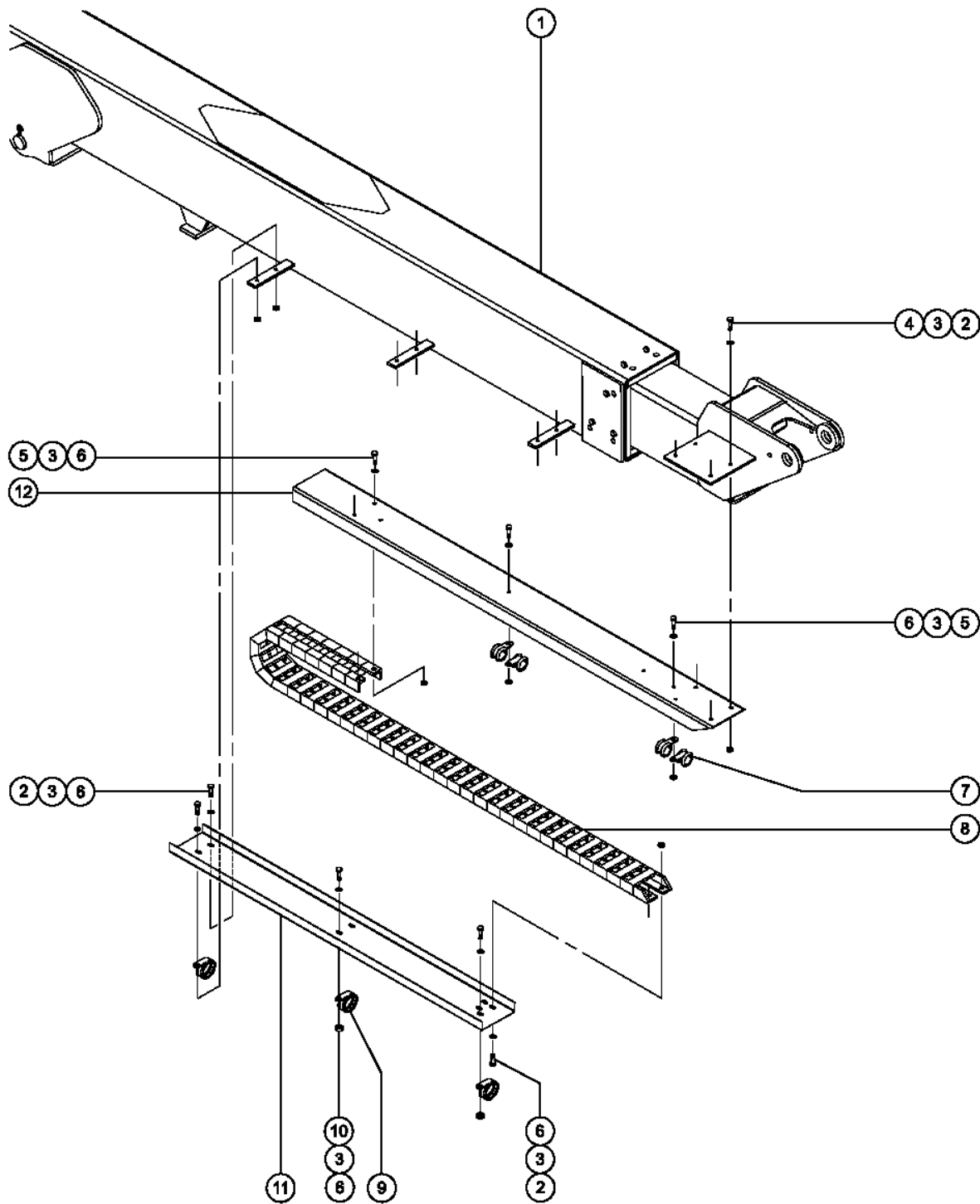
504.1 Primary and Extension Booms



## 504.1 Primary and Extension Booms

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 22          | 36413GT         | REST PAD,PRIMARY BOOM .....          | 1           |
| 23          | 16486GT         | SCREW,RHM,10-32 X 1.75 .....         | 2           |
| 24          | 6607GT          | WASHER,LOCK,#10 PLTD .....           | 2           |
| 25          | 88356-127J5GT   | SWITCH,LIMIT,W/6.25"SPRING ARM ..... | 1           |
| 25-         | 19491GT         | CONTACTOR,LIMIT SWITCH .....         |             |
| 25-         | 106433GT        | LS SPRING WAND (ZCY91) .....         |             |
| 26          | 101557GT        | PIN,1.00DIAX9.01LG,THREADED .....    | 1           |
| 27          | 13918GT         | SCREW,HHC,3/8-16 X 1.75,GRD.8 .....  | 1           |
| 28          | 4828GT          | NUT, NYLOCK, 3/8-16 .....            | 1           |
| 29          | 825019GT        | ROD END, .375X3.69, ZAG .....        | 1           |

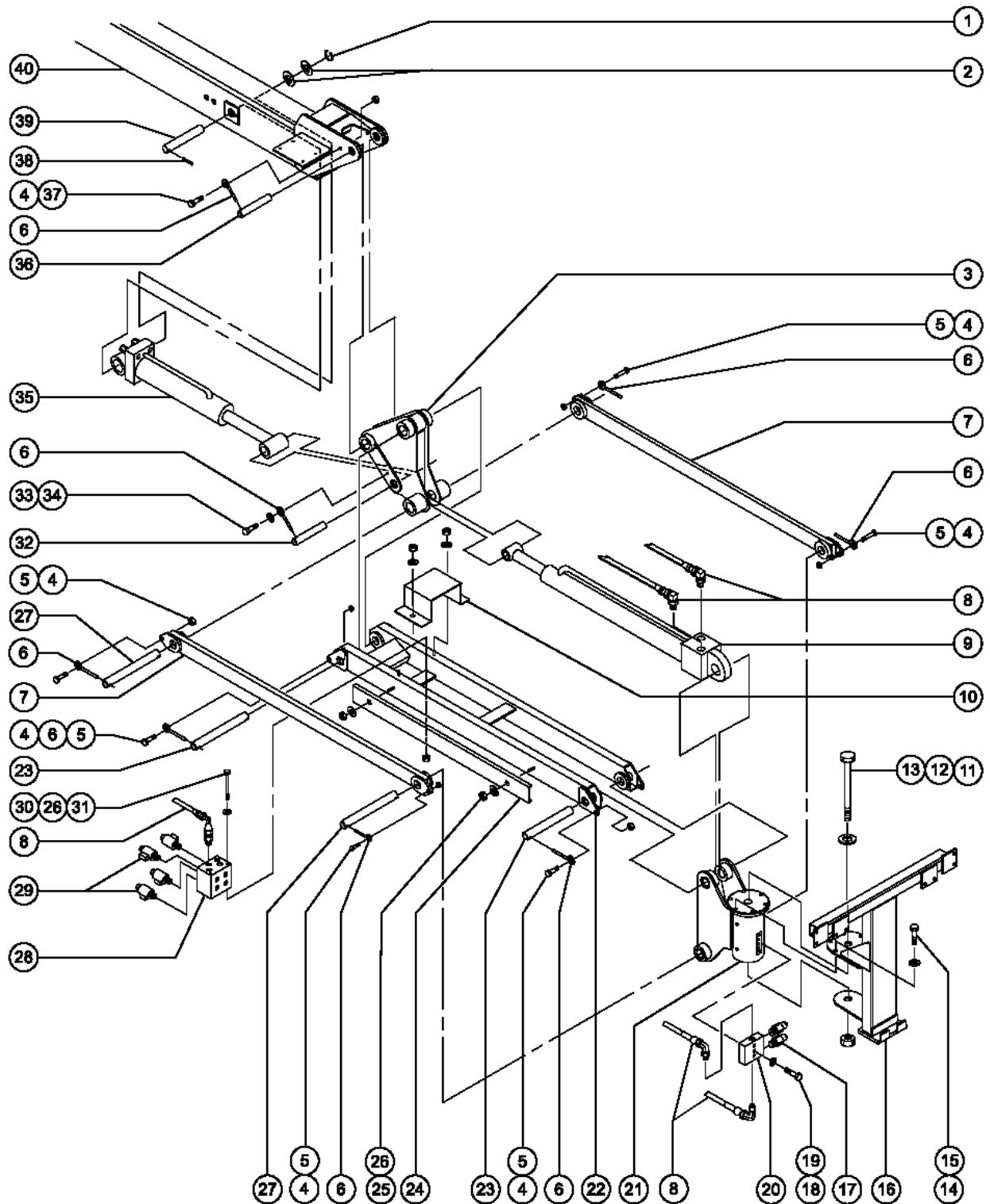
505.1 Cable Track



## 505.1 Cable Track

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                               | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------|-------------|
| 1           |                 | Ref. Primary and Extension Booms .....<br>refer to section 504.1 |             |
| 2           | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....                                   | 10          |
| 3           | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                   | 17          |
| 4           | 6889GT          | NUT,LP NYLOCK,1/4-20 .....                                       | 4           |
| 5           | 8914GT          | SCREW, HHC, 1/4-20 X .625 .....                                  | 4           |
| 6           | 6091GT          | NUT,NYLOCK,1/4-20 .....                                          | 10          |
| 7           | 6833GT          | CLAMP,0.50,#8 X 1/4,RUB CUSH .....                               | 4           |
| 8           | 42763GT         | TRACK,PLASTIC CABLE,25 LINK 4" .....                             | 1           |
| 8-          | 27647GT         | TRACK REPAIR,7 LINKS .....                                       | 1           |
| 8-          | 27699GT         | END SET,PLASTIC TRACK .....                                      | 1           |
| 9           | 27497GT         | CLAMP,RUBBER CUSHIONED-2 5/32 .....                              | 3           |
| 10          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                     | 3           |
| 11          | 42694PGT        | CHANNEL,LWR, TRACK PAINTED** .....                               | 1           |
| 11-         | 27258GT         | TRIM,RUBBER EDGE,5/8 (BY INCH) .....<br>order as needed          |             |
| 12          | 42693GT         | CHANNEL,UPPER,PLASTIC TRACK,5" .....                             | 1           |

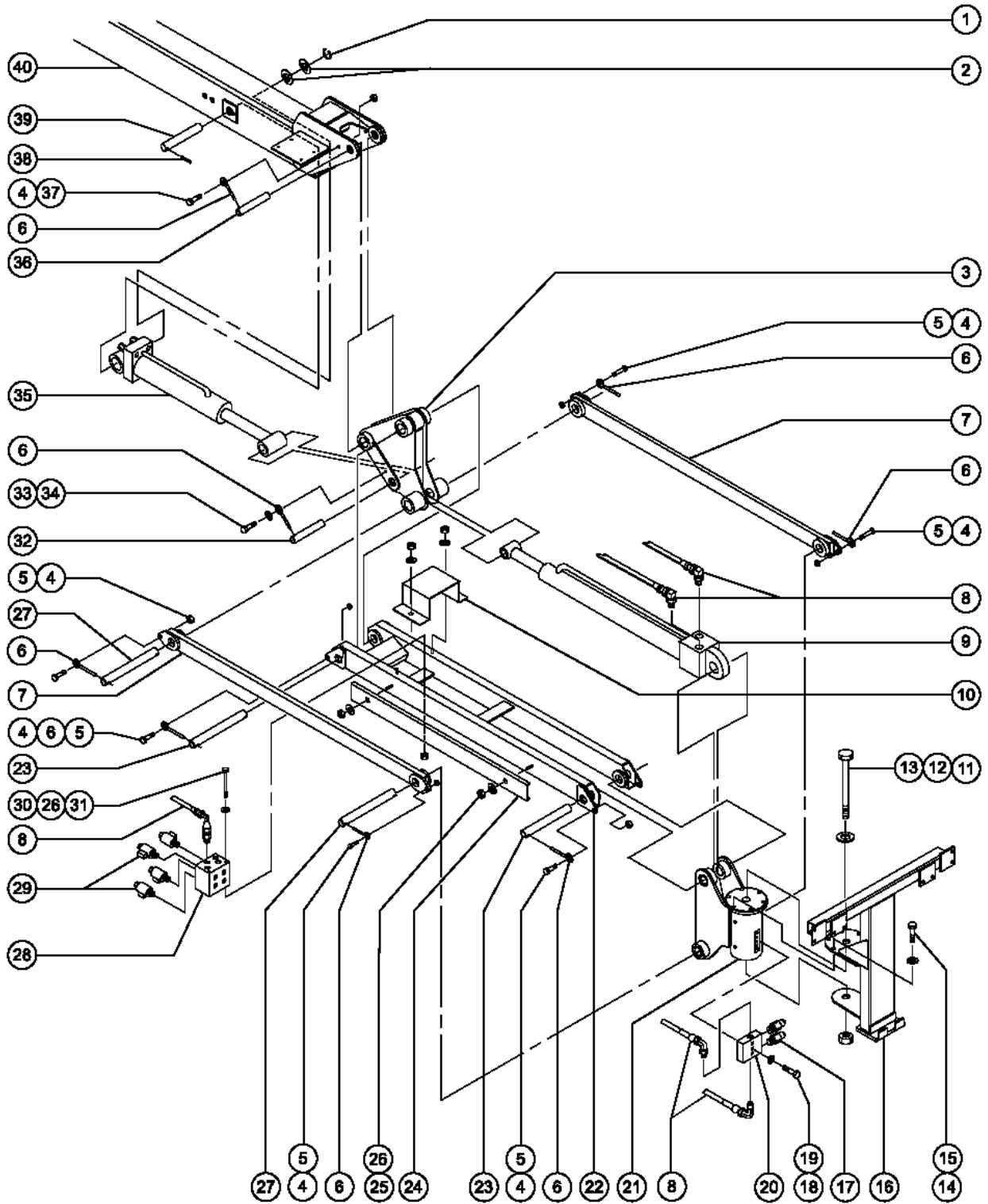
## 506.1 Jib Boom and Platform Rotator





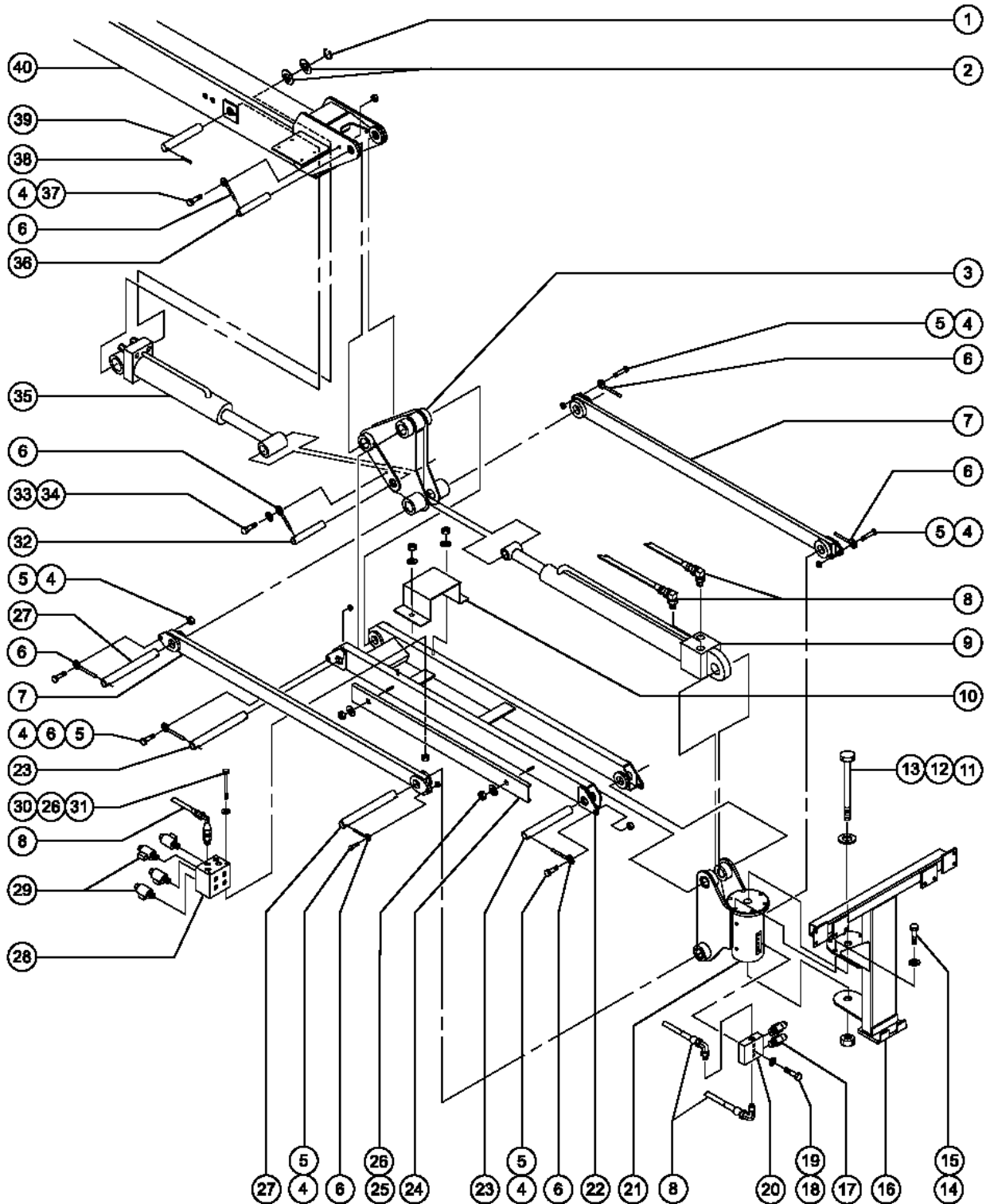
| Item | Part No.  | Description                                                                                                                | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 30217GT   | SNAP RING,EXTERNAL,1.25 DIA.**                                                                                             | 1    |
| 2    | 30255GT   | WASHER,SHIM,1.27 X 2.13 X .062                                                                                             | 2    |
| 3    | 37128GT   | BELLCRANK ASSEMBLY, Z30N,Z34**                                                                                             | 1    |
| 3-   | 74865GT   | BEARING,FL,1.25IDX1.50ODX1.25L                                                                                             | 2    |
| 3-   | 74866GT   | BEARING,1.25IDX1.50ODX1.25L                                                                                                | 2    |
| 4    | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5                                                                                              | 6    |
| 5    | 4828GT    | NUT, NYLOCK, 3/8-16                                                                                                        | 5    |
| 6    | 825019GT  | ROD END, .375X3.69, ZAG                                                                                                    | 8    |
| 7    | 36054-SGT | COMPRESSION MEMBER (BORED)***                                                                                              | 2    |
| 8    |           | Ref. Hydraulic Hoses and Fittings<br>refer to section 507.1                                                                | 2    |
| 9A   | 94218GT   | CYLINDER,JIB                                                                                                               | 1    |
| 9A-  | 25683GT   | BEARING,POLYGON,20DU12                                                                                                     | 1    |
| 9A-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000**<br>for 94218                                                                                |      |
| 9A-  | 94261GT   | SEAL KIT,94218<br>(Identify part number on cylinder before ordering. For cylinder 147142, order 147147)                    |      |
| 9B   | 147147GT  | SEAL KIT,147142<br>for cylinder 147142 (Identify part number on cylinder before ordering. For cylinder 94218, order 94261) |      |
| 9C   | 48405GT   | SEAL KIT,CYLINDER***<br>for 56152GT and 56362GT cylinders                                                                  |      |
| 10   | 36379PGT  | COVER,JIB MANIFOLD PAINTED                                                                                                 | 1    |
| 11   | 73928GT   | SCREW,HHC,1-8 X 11,GRD 5***                                                                                                | 1    |
| 12   | 29605GT   | WASHER,LOCK,1"                                                                                                             | 1    |
| 13   | 33265GT   | NUT,HEX,1-8                                                                                                                | 1    |
| 14   | 10597GT   | SCREW,HHC,1/2-13 X 1.25 GR5                                                                                                | 6    |
| 15   | 6033GT    | WASHER,LOCK,0.5"                                                                                                           | 6    |
| 16   | 36249-SGT | PLATFORM SUPPORT WELD.Z30N,Z34<br>(used for platforms with 'tapered' rails; may not be used with 'straight rail platforms) | 1    |
| 17   | 37090GT   | VALVE,COUNTERBALANCE 2000PSI                                                                                               | 2    |
| 18   | 6145GT    | SCREW, HHC, 1/4-20 X 1.5                                                                                                   | 3    |
| 19   | 6356GT    | WASHER, LOCK, .25                                                                                                          | 3    |
| 20   | 43166GT   | MANIFOLD,ASSY DUAL CNTRBAL.<br>includes 2 each index number 17                                                             | 1    |
| 21   |           | ROTATOR,HELICAL,PLATFORM***<br>limited inventory (component no longer available)                                           | 1    |

## 506.1 Jib Boom and Platform Rotator



| Item | Part No.  | Description                                                     | Qty. |
|------|-----------|-----------------------------------------------------------------|------|
| 21-  | 65842GT   | SEAL KIT,UNIVERSAL,9K ROTATOR* .....                            | 1    |
| 21-  | 31498GT   | BEARING KIT,ROTATOR,9K*** .....                                 | 1    |
| 21-  | 13852GT   | VALVE ASSY,BLEED*** .....                                       | 1    |
| 22   | 36279-SGT | JIB BOOM MACHINED .....                                         | 1    |
| 23   | 36199GT   | PIN,1.25DIA.X10.38LG,1HOLE .....                                | 2    |
| 24   | 36561-SGT | HOSE COVER,JIB BOOM** .....                                     | 1    |
| 25   | 6091GT    | NUT,NYLOCK,1/4-20 .....                                         | 2    |
| 26   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                  | 4    |
| 27   | 42797GT   | PIN,1.25DIA X12.50LG,2HOLE .....                                | 2    |
| 28   | 74014GT   | MANIFOLD,JIB ROTATE***<br>includes 4 each index number 29 ..... | 1    |
| 28-  | 28750GT   | O-RING KIT,FIELD SVC,ALL PROD* .....                            | 1    |
| 28-  | 32669GT   | ORIFICE PLUG,.025 (30551) .....                                 | 1    |
| 29   | 44954GT   | VALVE,SOLENOID,20V W/ DIODE ** .....                            | 4    |
| 29-  | 40413GT   | COIL,SOLND,W/D,20V SGL SPADE .....                              | 4    |
| 29-  | 52943GT   | NUT, SOLENOID VALVE COIL .....                                  | 4    |
| 30   | 11413GT   | SCREW,HHC,1/4-20 X 4 .....                                      | 2    |
| 31   | 6889GT    | NUT,LP NYLOCK,1/4-20 .....                                      | 2    |
| 32   | 36189GT   | PIN,SLAVE CYL,1.25 X 4.38 .....                                 | 1    |
| 33   | 77692GT   | SCREW,HHC,3/8-16 X 1 GRD 8 .....                                | 1    |
| 34   | 6021GT    | WASHER, LOCK, .375 .....                                        | 1    |
| 35   | 42404GT   | CYL,SLAVE,Z30N,Z34,TEXAS .....                                  | 1    |
| 35-  | 52620GT   | SEAL KIT-EXT CYL & SLAVE CYL.* .....                            | 1    |
| 35-  | 40983GT   | VALVE,COUNTERBALANCE,1500 PSI .....                             | 1    |
| 35-  | 25683GT   | BEARING,POLYGON,20DU12 .....                                    | 1    |
| 36   | T107884GT | PIN,1.25DIA X7.00LG,1HOLE .....                                 | 1    |
| 37   | 7713GT    | NUT, LP NYLOCK, 3/8-16 .....                                    | 1    |
| 38   | 10665GT   | PIN,ROLL,.25 X 1.5*** .....                                     | 1    |
| 39   | 36190GT   | PIN,SLAVE CYL,1.25 X 6.06*** .....                              | 1    |

## 506.1 Jib Boom and Platform Rotator

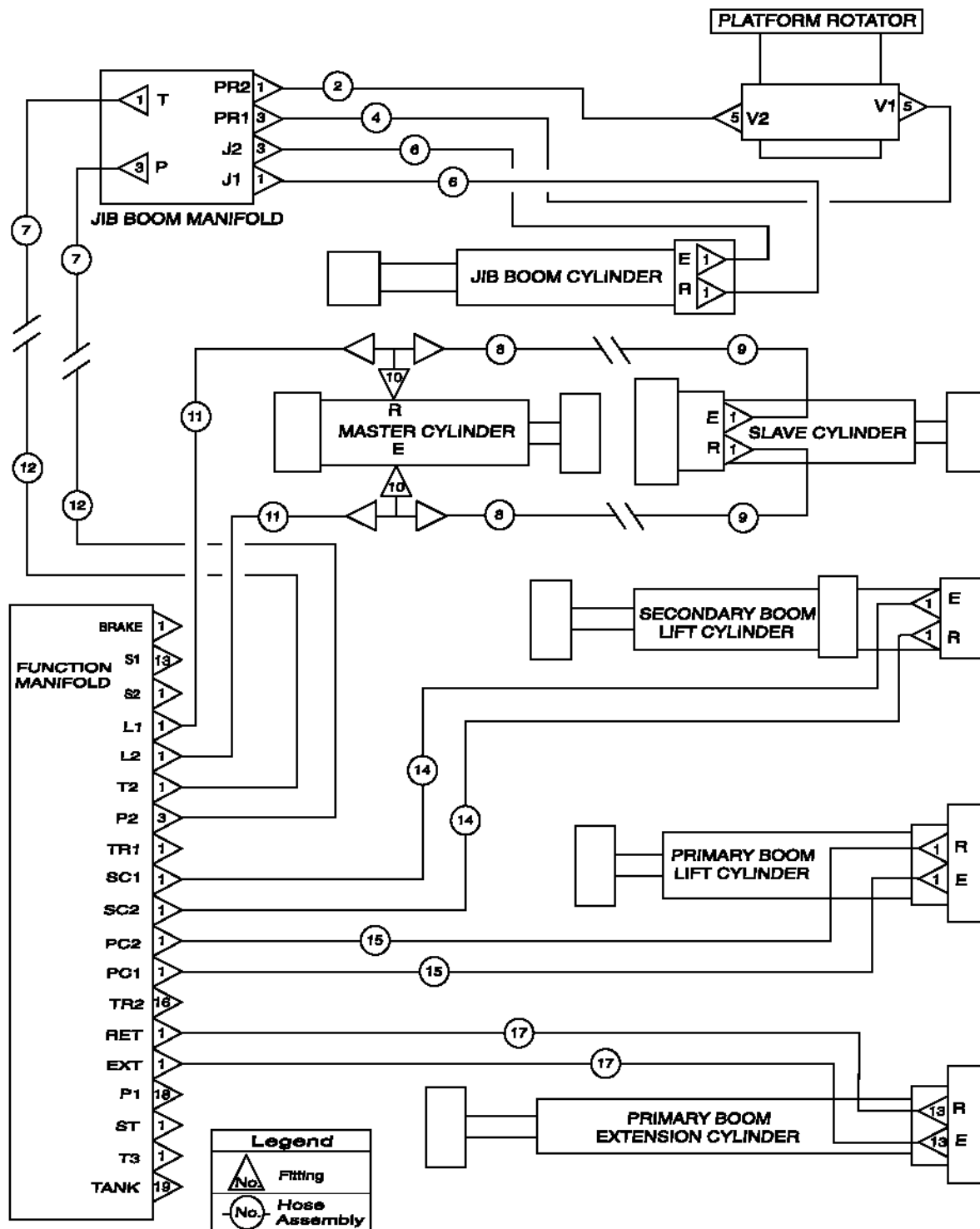


506.1 Jib Boom and Platform Rotator

| Item | Part No. | Description                   | Qty. |
|------|----------|-------------------------------|------|
| 40   | 36492GT  | MACHINED,EXTENSION BOOM ..... | 1    |



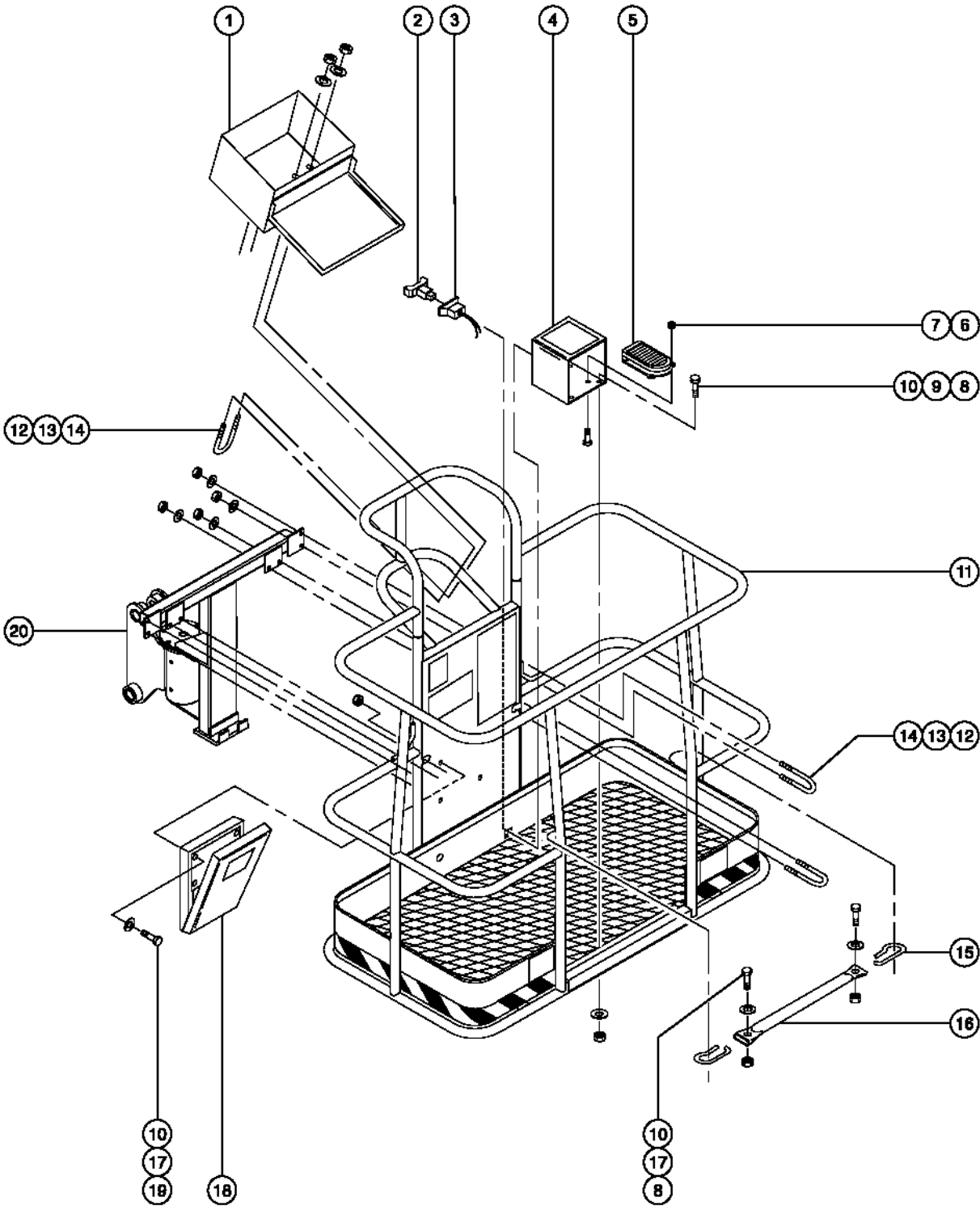
## 507.1 Hydraulic Hoses and Fittings - Boom Components



## 507.1 Hydraulic Hoses and Fittings - Boom Components

| Item | Part No.      | Description                          | Qty. |
|------|---------------|--------------------------------------|------|
|      | 49612GT       | O-RING KIT (ORFS FITTINGS) .....     |      |
|      | 49613GT       | PLUG AND CAP KIT-SERVICE,ORFS* ..... |      |
|      | 28750GT       | O-RING KIT,FIELD SVC,ALL PROD* ..... |      |
|      | 33994GT       | PLUG AND CAP KIT-SERVICE,37?** ..... |      |
| 1    | 48912GT       | CONN,520120-4-6*** .....             | 24   |
| 2    | 42820-SGT     | HOSE ASSY-'PR1'TO PLAT ROT'V1' ..... | 1    |
| 3    | 48905GT       | CONNECTOR, 520120-4 .....            | 4    |
| 4    | 56036-SGT     | HOSE ASSY-'PR2'TO PLAT ROT'V2' ..... | 1    |
| 5    | 48904GT       | ELBOW, 90D, 520220-4 .....           | 2    |
| 6    | 42818-SGT     | HOSE ASSY-'JI'TO JIB CYL CAP .....   | 2    |
| 7    | 42862-SGT     | HOSE ASSY-JUNCTION-JIB MANIFOL ..... | 2    |
| 8    | 42863-SGT     | HOSE ASSY-MASTER CYL-SLAVE CYL ..... | 2    |
| 9    | 49121-3150GT  | HOSE ASSY, 1/4", 31.50 .....         | 2    |
| 10   | 48890GT       | FITTING,TEE,BRANCH,520429-4*** ..... | 2    |
| 11   | 49119-20200GT | HOSE ASSY,1/4",202.00 .....          | 2    |
| 12   | 42893-SGT     | HOSE ASSY-T2/P2 TO JIB BOOM .....    | 2    |
| 13   | 49418GT       | FITTING,ELBOW,45D,520320-4-6** ..... | 4    |
| 14   | 42981GT       | HOSE ASSY,BLKHD M4 TO FRNT M .....   | 2    |
| 15   | 42889-SGT     | HOSE ASSY-C6/C5 TO LIFT CYL .....    | 2    |
| 16   | 48900GT       | CONN,520120-4-6,.035,ORI .....       | 1    |
| 17   | 42890-SGT     | HOSE ASSY-C8/C7 TO EXT.CYL .....     | 2    |
| 18   | 48916GT       | CONN, 520120-6 .....                 | 1    |
| 19   | 48933GT       | CONN,520120-8*** .....               | 1    |

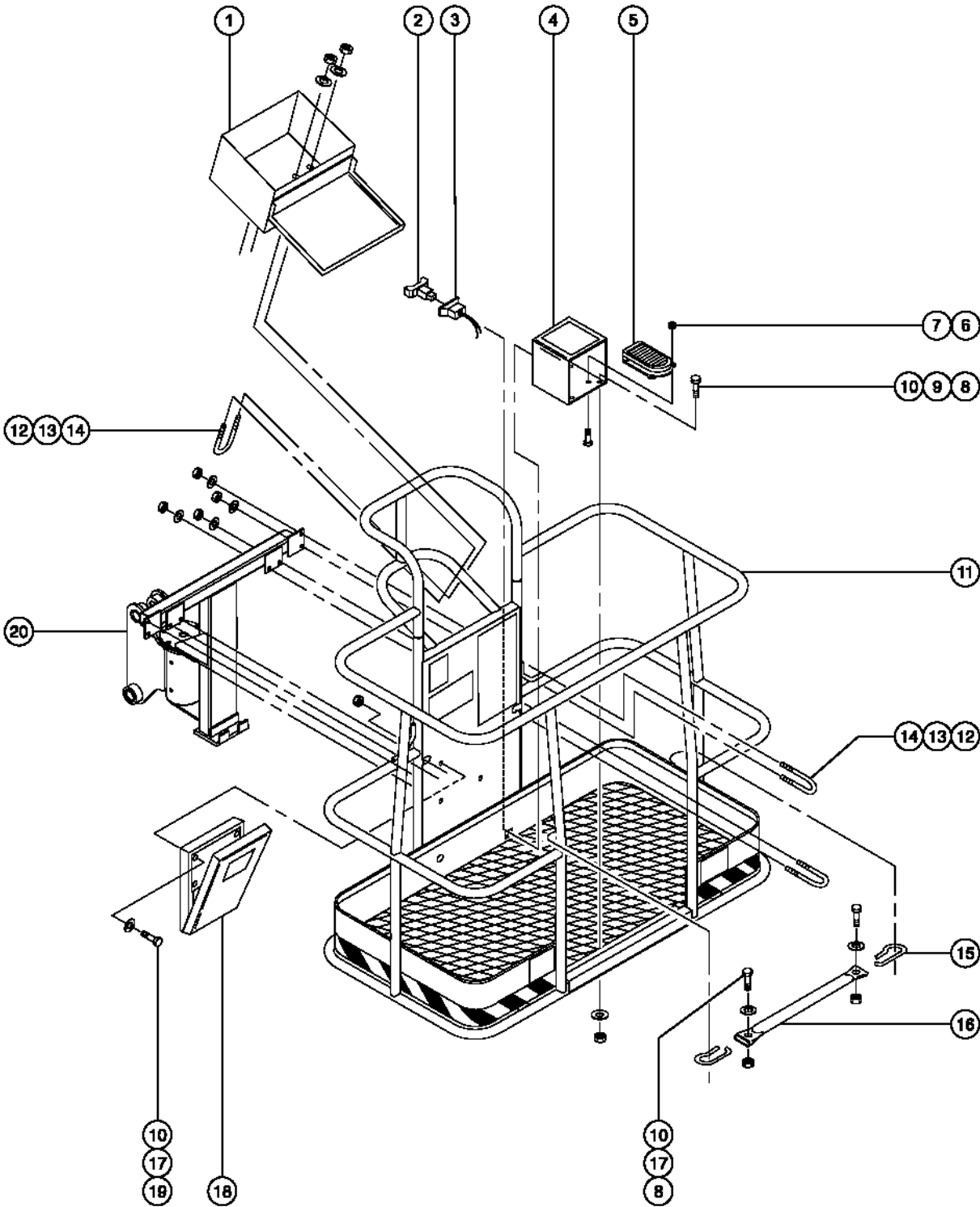
601.1 Platform Installation





| Item | Part No.   | Description                          | Qty. |
|------|------------|--------------------------------------|------|
| 1    | 52683-SGT  | PLATFORM CONTROL BOX W/DECAL .....   | 1    |
| 2    | 52974GT    | FOOTSWITCH WIRE ASSY W/RECPT .....   | 1    |
| 2-   | 45139GT    | RECEPT.,SNAP-IN,4 POLE ANDERSN ..... | 1    |
| 2-   | 22431GT    | TERMINAL,ANDERSON,30A 12-16 GA ..... | 1    |
| 2-   | 22432GT    | ANDERSON HOUSING,15-45 AMP BLK ..... | 1    |
| 2-   | 22433GT    | ANDERSON HOUSING,15-45,AMP,WHT ..... | 1    |
| 2-   | 22434GT    | ANDERSON HOUSING,15-45 AMP RED ..... | 1    |
| 2-   | 22435GT    | ANDERSON HOUSING,15-45 AMP GRN ..... | 1    |
| 2-   | 45202GT    | PIN,ROLL,.094 X .875 .....           | 1    |
| 2-   | 43960GT    | WIRE CABLE,16/4 CON.TPE JKT .....    | 8    |
| 3    | 52973GT    | FOOT SWITCH WIRE ASSY W/CONN.* ..... | 1    |
| 3-   | 45313GT    | PLUG,W/LATCH,4 POLE,ANDERSON .....   | 1    |
| 3-   | 22431GT    | TERMINAL,ANDERSON,30A 12-16 GA ..... | 1    |
| 3-   | 22432GT    | ANDERSON HOUSING,15-45 AMP BLK ..... | 1    |
| 3-   | 22433GT    | ANDERSON HOUSING,15-45,AMP,WHT ..... | 1    |
| 3-   | 22434GT    | ANDERSON HOUSING,15-45 AMP RED ..... | 1    |
| 3-   | 22435GT    | ANDERSON HOUSING,15-45 AMP GRN ..... | 1    |
| 3-   | 45202GT    | PIN,ROLL,.094 X .875 .....           | 1    |
| 3-   | 43960GT    | WIRE CABLE,16/4 CON.TPE JKT .....    | 82   |
| 4A   | 32710GT    | GUARD,FOOTSWITCH,W/DECAL STEEL ..... | 1    |
|      |            | for PN 13482GT                       |      |
| 4B   | 30807P-SGT | FOOTSWITCH HOUSING,PAINTED .....     | 1    |
|      |            | for upgrade kits 228469GT & 228470GT |      |
| 5A   | 13482GT    | FOOT SWITCH*** .....                 | 1    |
|      |            | includes mounting fasteners          |      |
| 5A-  | 20262GT    | MICROSWITCH,13482 FOOTSWITCH .....   | 1    |
|      |            | for PN 13482GT                       |      |
| 5B   | 228469GT   | KIT, FOOTSWITCH, Z30/Z34 WORD .....  |      |
|      |            | upgrade kit (ANSI Models)            |      |
| 5B-  | 227620GT   | ASSEMBLY,FOOT SWITCH .....           |      |
|      |            | for upgrade kit 228469GT             |      |
| 5C   | 228470GT   | KIT, FOOTSWITCH, Z30/Z34 SYM .....   |      |
|      |            | upgrade kit (CE Models)              |      |
| 5C-  | 227620GT   | ASSEMBLY,FOOT SWITCH .....           |      |
|      |            | for upgrade kit 228470GT             |      |
| 6    | 6178GT     | NUT, NYLOCK, 10-32 .....             | 2    |

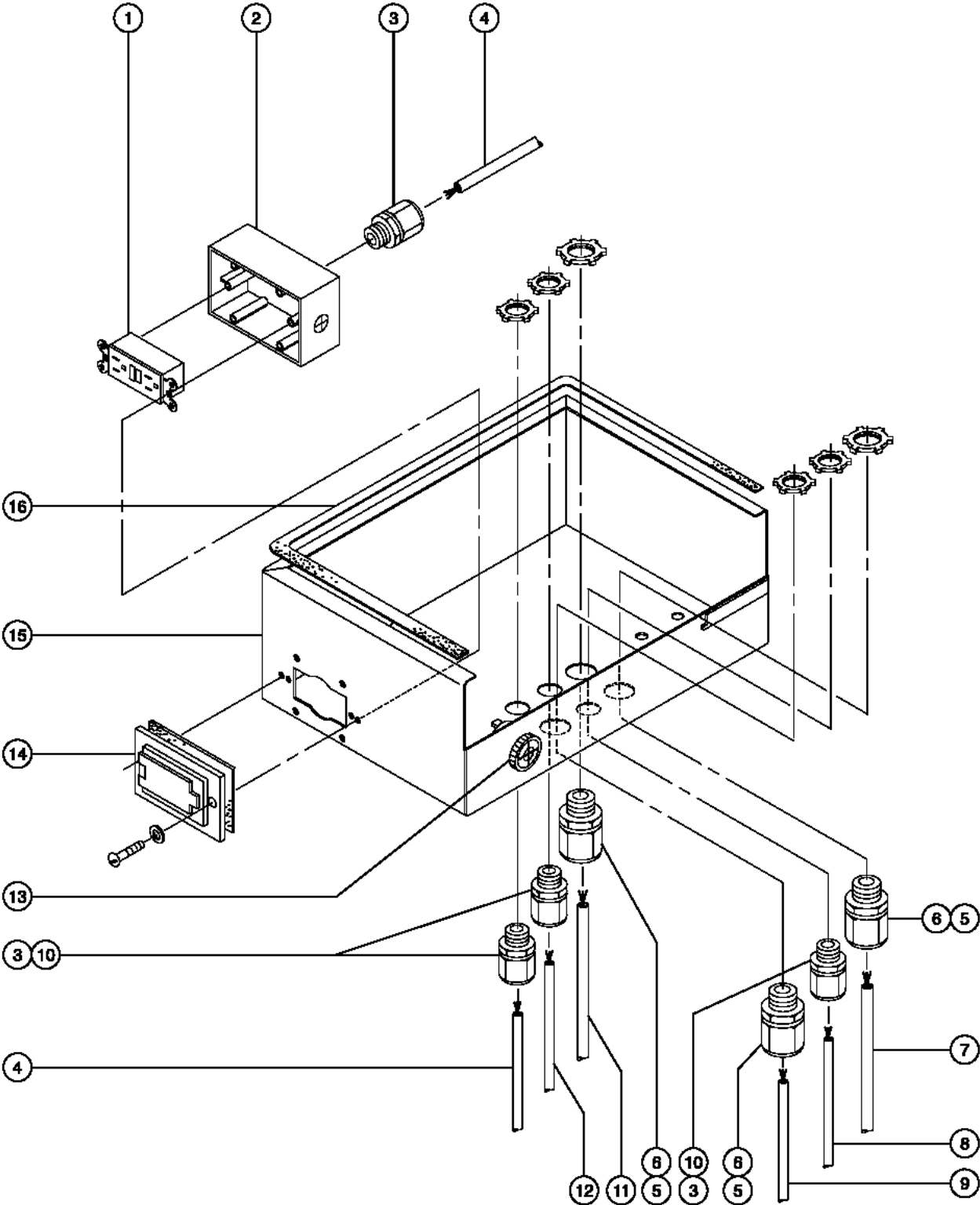
601.1 Platform Installation



## 601.1 Platform Installation

| Item | Part No. | Description                                                                                                      | Qty. |
|------|----------|------------------------------------------------------------------------------------------------------------------|------|
| 7    | 17626GT  | SCREW,FHM,10-32 X .75 .....                                                                                      | 2    |
| 8    | 6888GT   | SCREW, HHC, 1/4-20 X 1 .....                                                                                     | 6    |
| 9    | 12906GT  | WASHER,FENDER,.25 X 1.25 X.062 .....                                                                             | 2    |
| 10   | 6091GT   | NUT,NYLOCK,1/4-20 .....                                                                                          | 10   |
| 11A  | 74782GT  | PLAT/SUP.UPGRADE KIT 4FT ANSI*<br>ANSI and CSA Models Only; includes index numbers 8, 10 and 15 through 19 ..... | 1    |
| 11B  | 74381GT  | PLAT.ASSY.W/DECAL4'Z30/34,CE<br>CE Models Only; includes index numbers 8, 10 and 15 through 19 .....             | 1    |
| 11C  | 94745PGT | TOEBOARD,ENTRY EUROPEAN PNTD**<br>CE Models Only .....                                                           | 1    |
| 11D  | 74792GT  | PLAT/SUP.UPGRADE KIT 5FT ANSI*<br>ANSI and CSA Models Only; includes index numbers 8, 10 and 15 through 19 ..... | 1    |
| 11E  | 74383GT  | PLAT.ASSY.W/DECAL5'Z34N&DC,CE*<br>CE Models Only; includes index numbers 8, 10 and 15 through 19 .....           | 1    |
| 11F  | 94745PGT | TOEBOARD,ENTRY EUROPEAN PNTD**<br>CE Models Only .....                                                           | 1    |
| 12   | 6550GT   | U-BOLT,3/8 X 1 YZ .....                                                                                          | 6    |
| 13   | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                                                                                 | 6    |
| 14   | 4828GT   | NUT, NYLOCK, 3/8-16 .....                                                                                        | 6    |
| 15   | 12443GT  | MIDRAIL GUIDE ( HOOK ) .....                                                                                     | 2    |
| 16   | 42471PGT | TUBE,SLIDING MID.RAIL,PAINTD .....                                                                               | 1    |
| 16-  | 31146GT  | WIRE LOOM,.413" NON-SLIT*** .....                                                                                | 16   |
| 16-  | 21121GT  | CABLE TIE, 4" BLK, HEAT RESISTANT .....                                                                          | 1    |
| 17   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                                                                   | 8    |
| 18   | 44743GT  | MANUAL BOX W/DECALS*** .....                                                                                     | 1    |
| 18-  | 33996GT  | SCREWDRIVER,TERMINAL BLOCK .....                                                                                 | 1    |
| 19   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                                                                   | 4    |
| 20   |          | Ref. Platform Rotator (Platform Rotator Mount shown)<br>refer to section 506.1 .....                             | 4    |

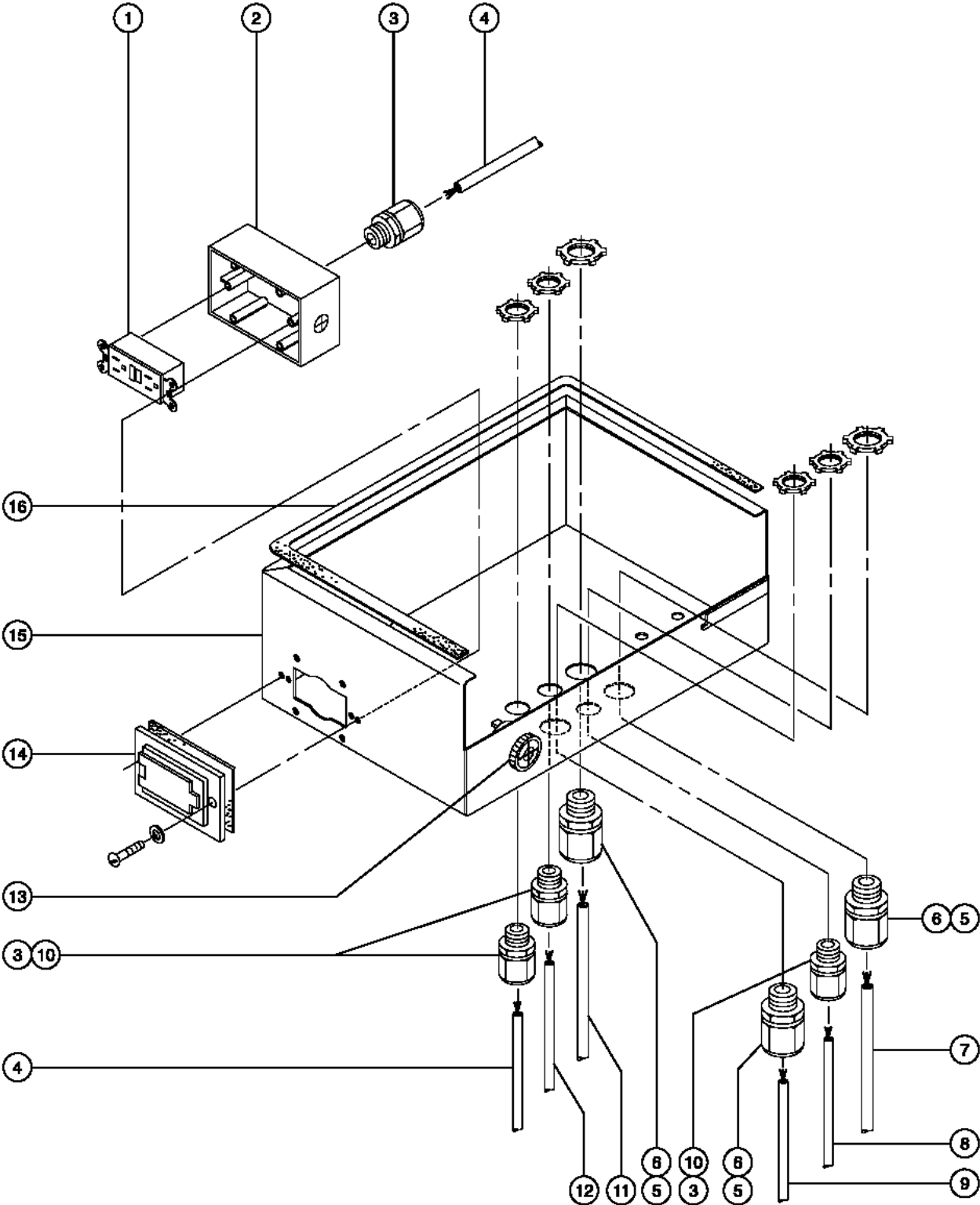
602.1 Platform Controls, View 1



## 602.1 Platform Controls, View 1

| Item | Part No.  | Description                                                                 | Qty.                  |
|------|-----------|-----------------------------------------------------------------------------|-----------------------|
| 1A   | 13585GT   | OUTLET, 110V .....                                                          | 1                     |
| 1B   | 35003GT   | RECEPTACLE, BRITISH, 110V .....                                             | 1                     |
| 2    | 10775GT   | T-BOX, 2.75 X 4.5 X 2.0** .....                                             | 1                     |
| 3    | 7056GT    | CONN,SQUEEZE,1/2NPT .38-.50,SM .....                                        | 4                     |
| 4    | 43956GT   | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....                                     | 606<br>in<br>ch<br>es |
| 5    | 12960GT   | CABLE SQUEEZE CONN.,XTRA LRG .....                                          | 3                     |
| 6    | 14041GT   | LOCKNUT,ELECTRIC,3/4" .....                                                 | 3                     |
| 7    | 35934GT   | WIRE CABLE,18/19 CON.TPRJKT .....                                           | 618<br>in<br>ch<br>es |
| 8    | 43955GT   | WIRE CABLE,12/3 CON.TPE JKT .....                                           | 624<br>in<br>ch<br>es |
| 9    | 35934GT   | WIRE CABLE,18/19 CON.TPRJKT .....                                           | 618<br>in<br>ch<br>es |
| 10   | 6935GT    | CONN, SQZ, 1/2NPT, LOCKNUT .....                                            | 3                     |
| 11   | 43961GT   | WIRE CABLE,16/6 CON.TPE J .....                                             | 128<br>in<br>ch<br>es |
| 12   | 52973GT   | FOOT SWITCH WIRE ASSY W/CONN.* .....                                        | 1                     |
| 12-  | 45313GT   | PLUG,W/LATCH,4 POLE,ANDERSON .....                                          | 1                     |
| 12-  | 22431GT   | TERMINAL,ANDERSON,30A 12-16 GA .....                                        | 1                     |
| 12-  | 22432GT   | ANDERSON HOUSING,15-45 AMP BLK .....                                        | 1                     |
| 12-  | 22433GT   | ANDERSON HOUSING,15-45,AMP,WHT .....                                        | 1                     |
| 12-  | 22434GT   | ANDERSON HOUSING,15-45 AMP RED .....                                        | 1                     |
| 12-  | 22435GT   | ANDERSON HOUSING,15-45 AMP GRN .....                                        | 1                     |
| 12-  | 45202GT   | PIN,ROLL,.094 X .875 .....                                                  | 1                     |
| 12-  | 43960GT   | WIRE CABLE,16/4 CON.TPE JKT .....                                           | 82<br>in<br>ch<br>es  |
| 13   | 45383GT   | ALARM,WARBLE TONE 5-30 VDC*** .....                                         | 1                     |
| 14   | 45437GT   | COVER,GFCI,WEATHERPROOF<br>includes mounting fasteners; North America ..... | 1                     |
| 15   | 52683-SGT | PLATFORM CONTROL BOX W/DECAL<br>includes index number 16 .....              | 1                     |

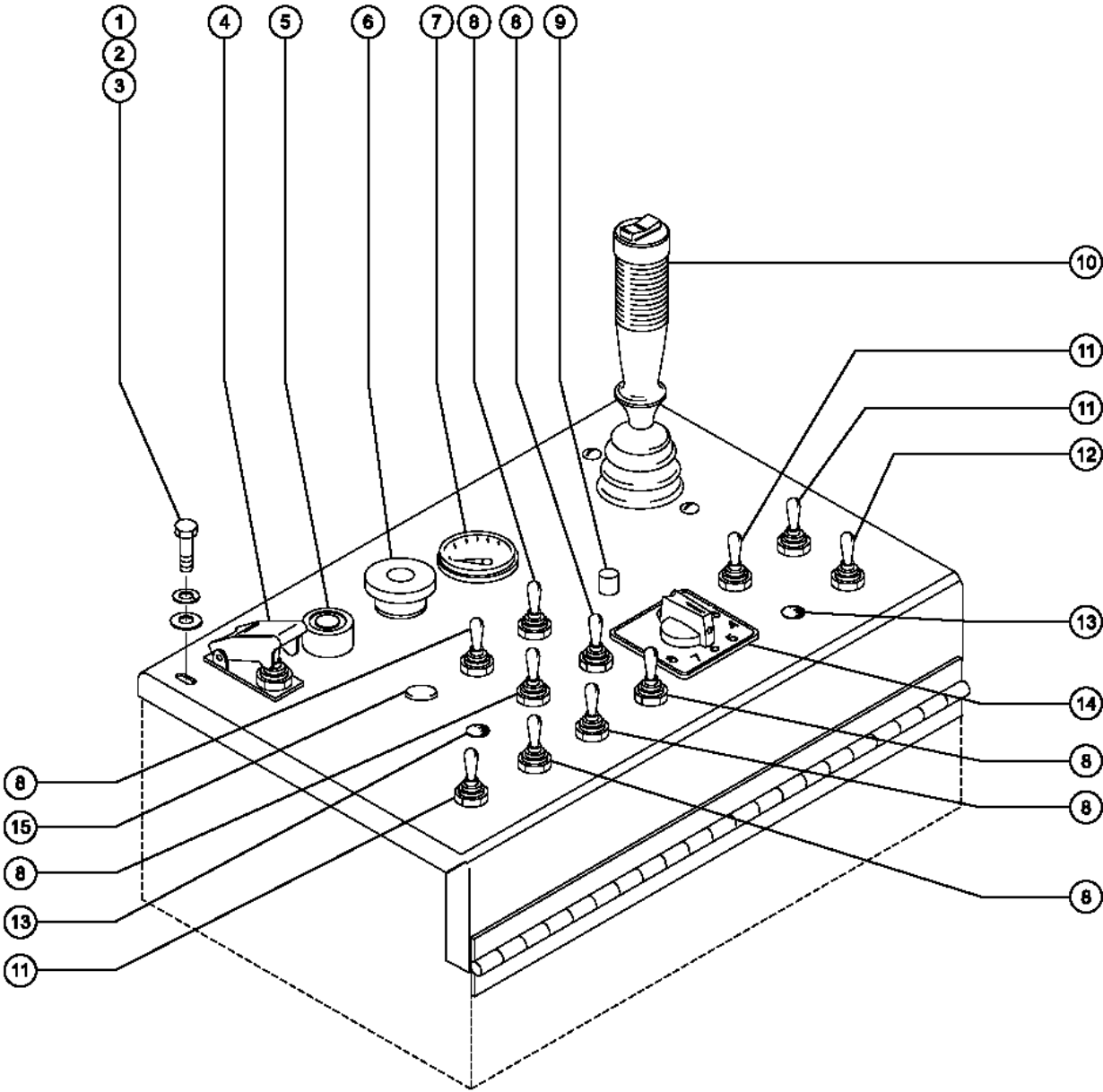
602.1 Platform Controls, View 1



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>            | <i>Qty.</i> |
|-------------|-----------------|-------------------------------|-------------|
| 16          | 36235GT         | GASKET,PLAT.CONTROL BOX ..... | 1           |



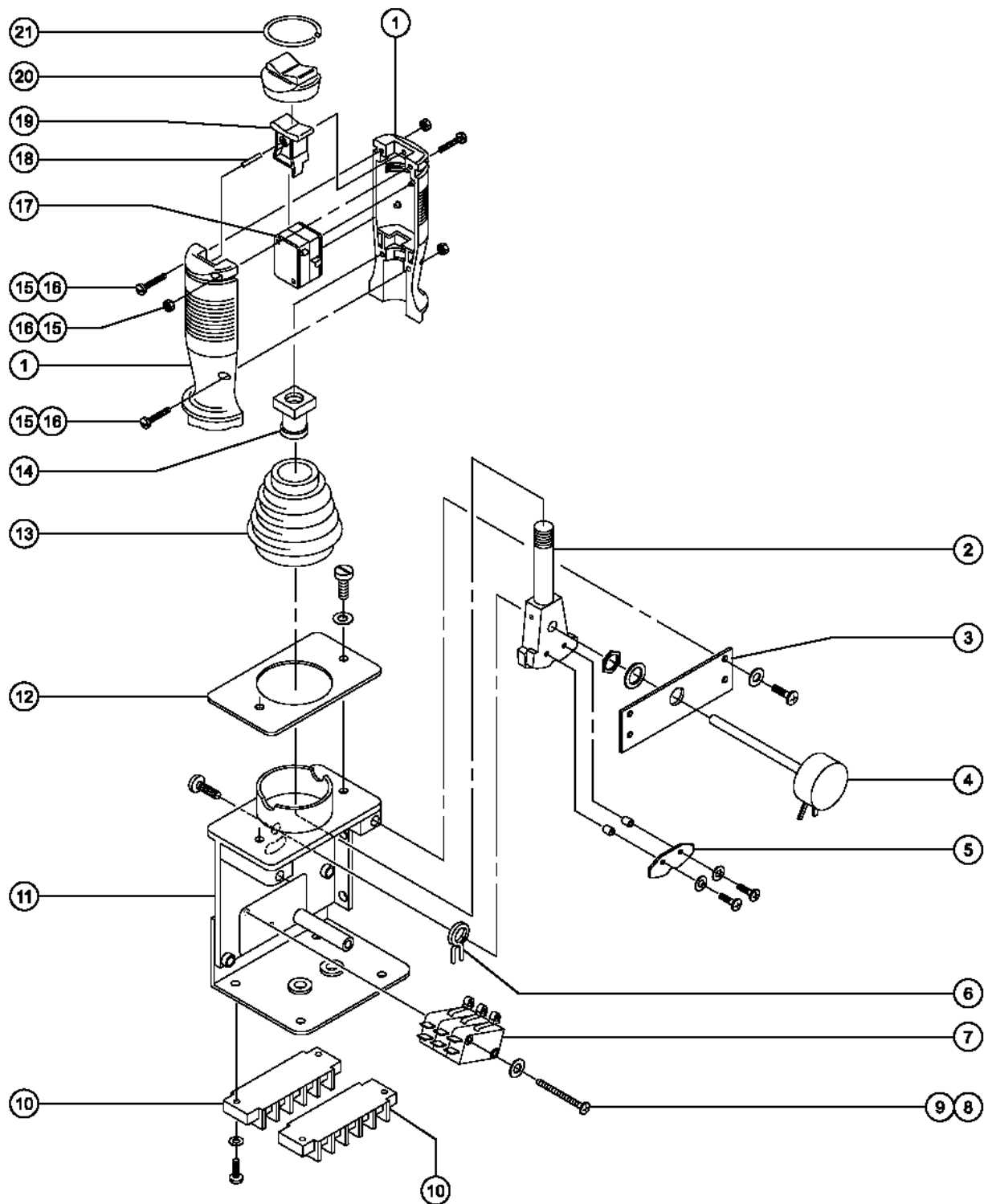
603.1 Platform Controls, View 2





| Item | Part No.  | Description                                                                                 | Qty. |
|------|-----------|---------------------------------------------------------------------------------------------|------|
|      | 52683-SGT | PLATFORM CONTROL BOX W/DECAL .....                                                          | 1    |
| 1    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                              | 2    |
| 2    | 6356GT    | WASHER, LOCK, .25 .....                                                                     | 2    |
| 3    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                              | 2    |
| 4    | 13480-SGT | SWITCH,TOGGLE,DPDT,2POS MOMEN<br>includes mounting fasteners .....                          | 1    |
| 4-   | 13471GT   | COVER, AUXILIARY POWER SWITCH .....                                                         | 1    |
| 4-   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                             | 1    |
| 5    | 122513GT  | KIT,HORN SVC BB&SM BOOM .....                                                               | 1    |
| 5-   | 66813GT   | BUTTON,PUSH,BLACK W/SEAL *** .....                                                          | 1    |
| 5-   | 66815GT   | BASE, W/1 N.O. CONTACTS*** .....                                                            | 1    |
| 6    | 122514GT  | KIT,ESTOP SVC BB&SM BOOM .....                                                              | 1    |
| 6-   | 66812GT   | BUTTON,PUSH,RED MUSHROOM HEAD .....                                                         | 1    |
| 6-   | 66821GT   | BASE,WITHOUT CONTACTS .....                                                                 | 1    |
| 6-   | 66818GT   | CONTACT,NC .....                                                                            | 1    |
| 7    | 56100GT   | HOUR METER,LCD,9-60 VDC*** .....                                                            | 1    |
| 8    | 16397-SGT | SWITCH,TOGGLE,DPDT,3POS MOMEN<br>includes mounting fasteners .....                          | 7    |
| 8-   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                             | 7    |
| 9    | 824878GT  | LIGHT,LED IND. RED 24V NH<br>includes mounting fasteners .....                              | 1    |
| 10   | 56773GT   | JOYSTICK,5K-0 OHM<br>also requires 54831 for first-time replacement, order separately ..... | 1    |
| 10   | 58431GT   | SEAL KIT,PUMP SHAFT (EATON)*** .....                                                        |      |
| 11   | 13037-SGT | SWITCH,TOGGLE,SPDT,3POS MOMEN*<br>includes mounting fasteners .....                         | 3    |
| 11-  | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                             | 3    |
| 12   | 13038-SGT | SWITCH,TOGGLE,DPDT,3POS MAINT<br>includes mounting fasteners .....                          | 1    |
| 12-  | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                             | 1    |
| 13   | 45384GT   | PLUG,NYLON .50 BLACK DOMED .....                                                            | 2    |
| 14   | 29643GT   | ROTATION, CNTRLR, DUAL RNG .....                                                            | 1    |
| 15   | 42725GT   | LIGHT,INDICATOR,RED 28V<br>includes mounting fasteners .....                                | 1    |

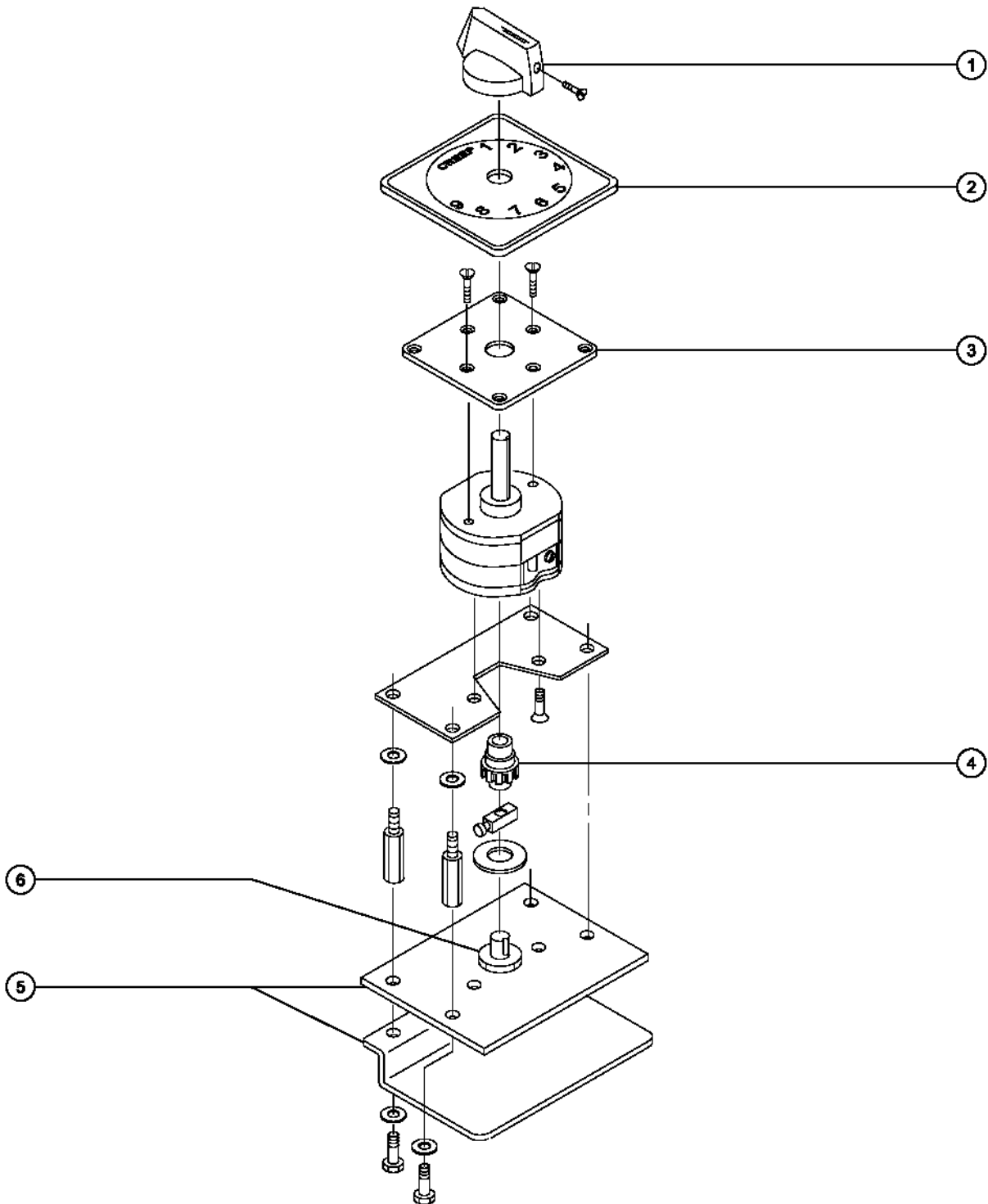
604.1 Joystick Controller, Drive/Steer Functions



## 604.1 Joystick Controller, Drive/Steer Functions

| Item | Part No.  | Description                                                                                        | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------|------|
|      | 42032GT   | JOYSTICK,CNTRLLR SINGLE BRD***<br>also requires 54831 for first-time replacement, order separately |      |
|      | 54831GT   | KIT,UPGRADE JOYSTICK,DC/BI                                                                         |      |
| 1    | 1323938GT | KIT, JOYSTICK GRIP/HANDLE                                                                          | 1    |
| 2    | 52525GT   | SHAFT ASSY,JOYSTICK                                                                                | 1    |
| 3    | 52527GT   | POTENTIOMETER MOUNT PLATE                                                                          | 1    |
| 4    | 52888GT   | POTENTIOMETER,JOYSTICK (56274)                                                                     | 1    |
| 5    | 52890GT   | CAM-SHAFT ASSEMBLY (56274)                                                                         | 1    |
| 6    | 21434GT   | SPRING & BUSHING KIT,RETURN***                                                                     | 1    |
| 7    | 19712GT   | MICROSWITCH,V3L-139-D8                                                                             | 3    |
| 8    | 52892GT   | SCREW,PHS,4-40 X 1.5                                                                               | 2    |
| 9    | 52891GT   | WASHER-LOCK, 4-40                                                                                  | 2    |
| 10   | 52524GT   | TERMINAL STRIP,10 POLE,JOYSTK                                                                      | 2    |
| 11   | 52894GT   | HOUSING-SHAFT ASSY (56274)                                                                         | 1    |
| 12   | 43042GT   | GASKET,JOYSTK.SHAFT36867/42032                                                                     | 1    |
| 13   | 21427GT   | BOOT,CONTROLLER**                                                                                  | 1    |
| 14   | 43040GT   | NUT,JS,36867/42032/44988/40612                                                                     | 1    |
| 15   | 52895GT   | SCREW,PHM,M3 X .5 X 12MM                                                                           | 3    |
| 16   | 52928GT   | NUT-HEX,3M X 0.5MM                                                                                 | 3    |
| 17   | 19722GT   | MICROSWITCH-V319M***                                                                               | 1    |
| 18   | 58986GT   | ROCKER ASSY (42032)***<br>yellow plastic                                                           | 1    |
| 19   | 52930GT   | ROCKER ASSY (56274)                                                                                | 1    |
| 20   | 43038GT   | BOOT-THUMB ROCKER** BLACK                                                                          | 1    |
| 21   | 25882GT   | LOCK RING                                                                                          | 1    |

605.1 Rotational Controller, Boom Function Speed

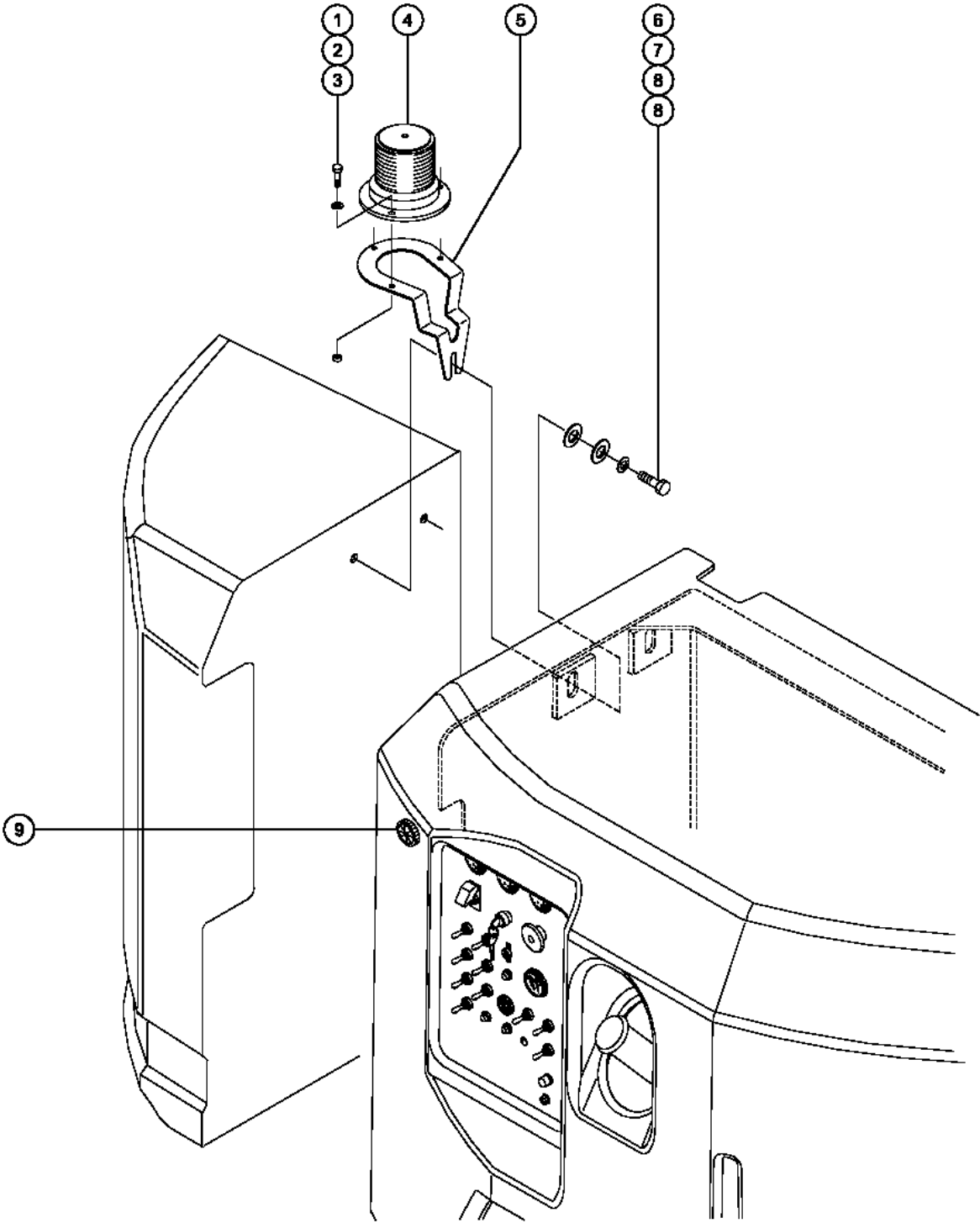


605.1 Rotational Controller, Boom Function Speed

| Item | Part No. | Description                                                    | Qty. |
|------|----------|----------------------------------------------------------------|------|
|      | 29643GT  | ROTATION, CNTRLR, DUAL RNG .....                               |      |
| 1    | 19726GT  | CONTROL KNOB,45048 .....                                       | 1    |
| 2    | 35680GT  | LEGEND,PLSTC,"CREEP TO 9"*** .....                             | 1    |
| 3    | 35678GT  | MOUNTING PLATE, 45048 .....                                    | 1    |
| 4    | 19731GT  | GEAR, SLAVE, MS4,45048 .....                                   | 1    |
| 5    | 29943GT  | PCB,ASSY,29643 CONTROLLER %%<br>includes index numbers 6 ..... | 1    |
| 6    | 19729GT  | POTENTIOMETER,56886 .....                                      | 1    |



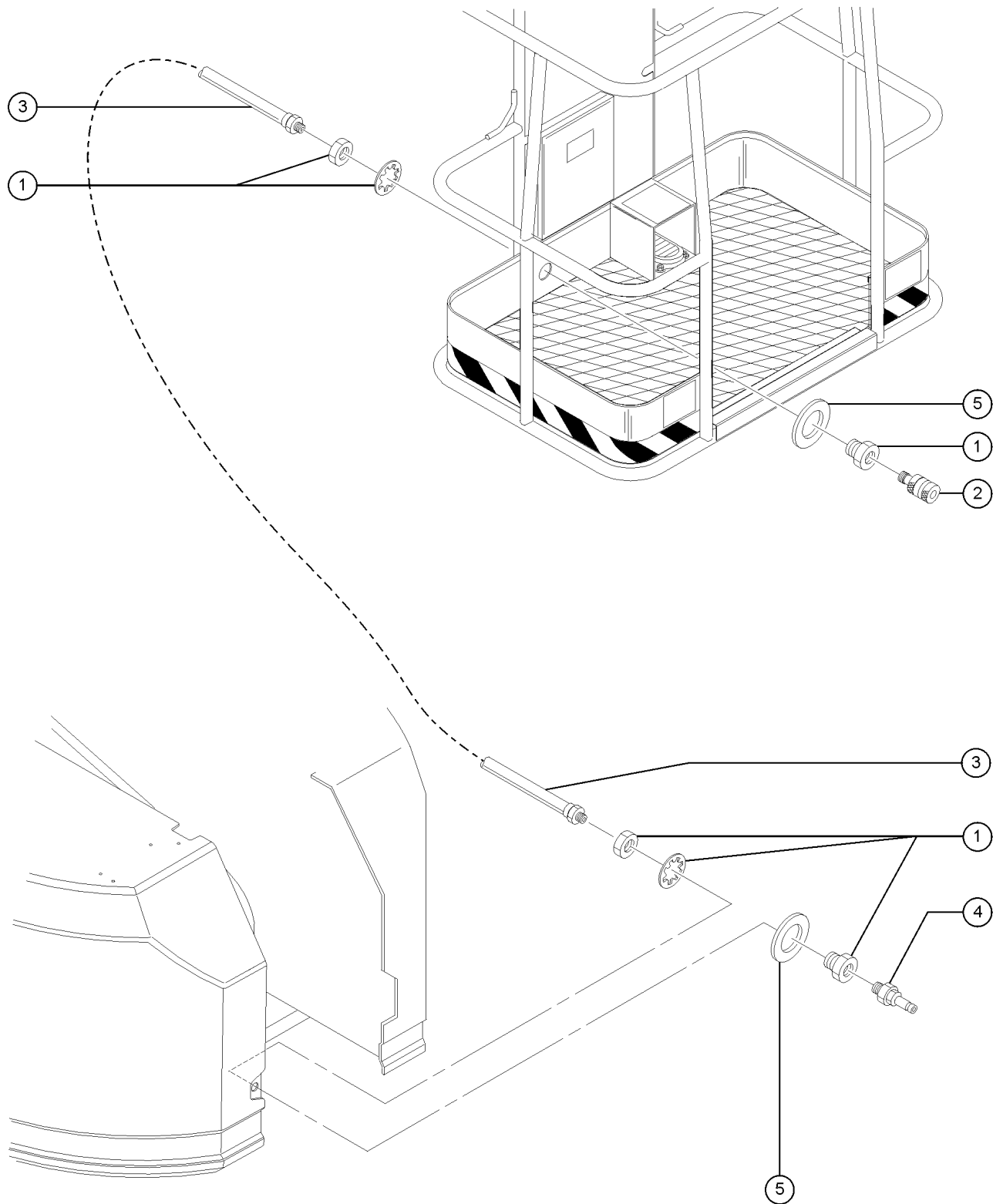
701.1 Alarm and Beacon Package



## 701.1 Alarm and Beacon Package

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
|             | 56879-SGT       | ACCESS.ALARM PACKAGE Z34BE,IC .....  |             |
| 1           | 49826GT         | SCREW,PHILLIPS,PHM,10-32 X.625 ..... | 3           |
| 2           | 6607GT          | WASHER,LOCK,#10 PLTD .....           | 3           |
| 3           | 23405GT         | NUTSERT,10-32 STEEL CAD PLTD .....   | 3           |
| 4           | 56704GT         | STROBE,FIREBOLT,12-80VDC,AMB** ..... | 1           |
| 4-          | 72282GT         | LENS,AMBER,STROBE,FIREBOLT .....     |             |
| 4-          | 122019GT        | FLASHTUBE,U SHAPED,360DEG,BULB ..... |             |
| 4-          | 226393GT        | FLASHTUBE,STRAIGHT,360DEG,BULB ..... |             |
| 5           | 62694GT         | BEACON MOUNT ASSY.Z34/BE .....       | 1           |
|             |                 | includes index number 3              |             |
| 6           | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....  | 2           |
| 7           | 6021GT          | WASHER, LOCK, .375 .....             | 2           |
| 8           | 15086GT         | WASHER,FLAT,.375 X 1.5 X .125 .....  | 4           |
| 9           | 45462GT         | ALARM,CHIME TONE 5-25VDC*** .....    | 1           |

702.1 Airline to Platform

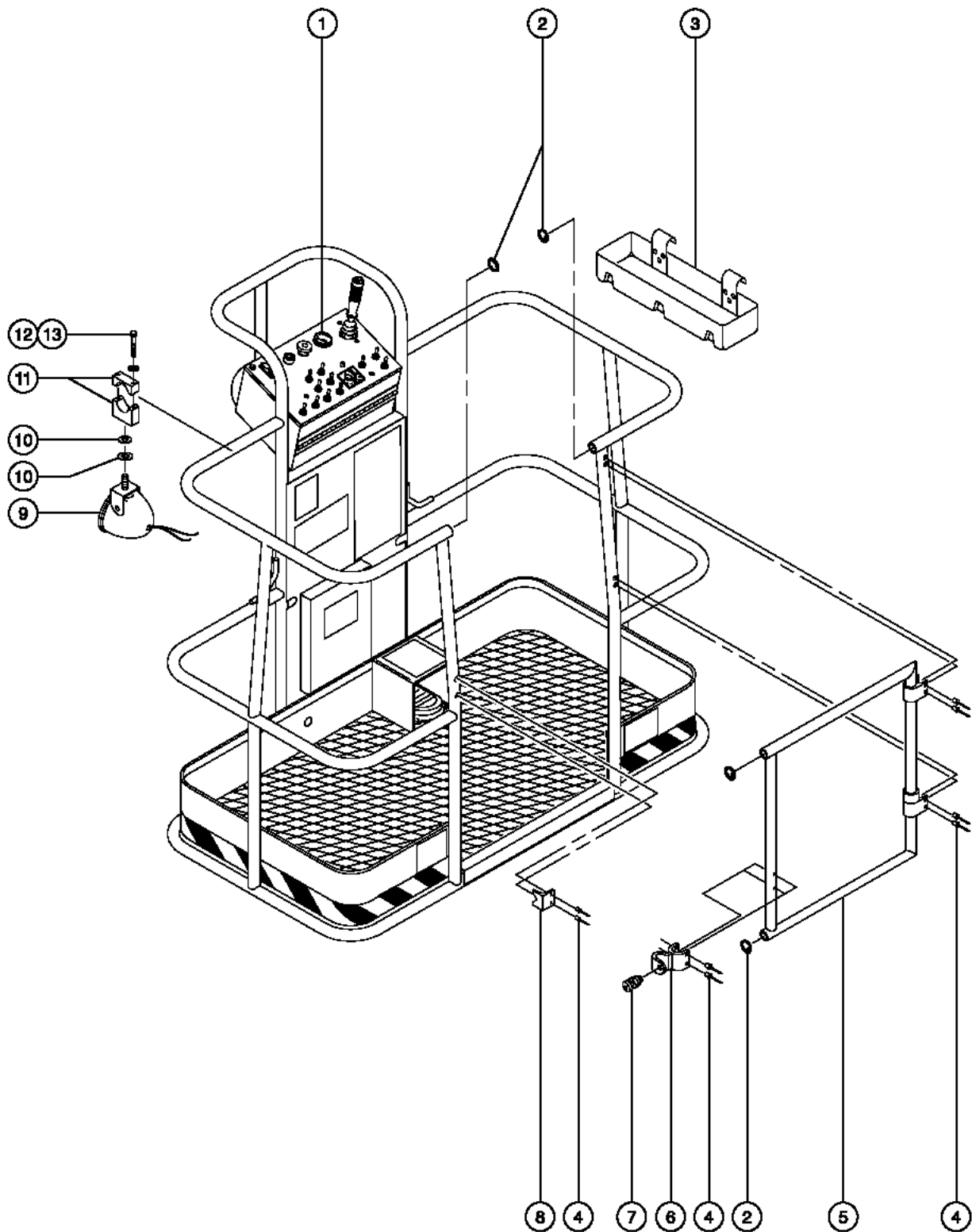




## 702.1 Airline to Platform

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
|             | 36514GT         | OPT,AIRLINE TO PLATFORM,3/8"ID ..... |             |
| 1           | 27900GT         | BULKHEAD,FEMALE X 6 X 6 .....        | 2           |
| 2           | 27895GT         | COUPLER,1/4"SERIES 3/8 MPT .....     | 1           |
| 3           | 52960GT         | AIRLINE ASSY W/FITTINGS, Z34BE ..... | 1           |
| 4           | 27894GT         | PLUG,1/4"SERIES,3/8 MPT .....        | 1           |
| 5           | 13775GT         | WASHER,FLAT,1.063 X 2 X .134 .....   | 2           |

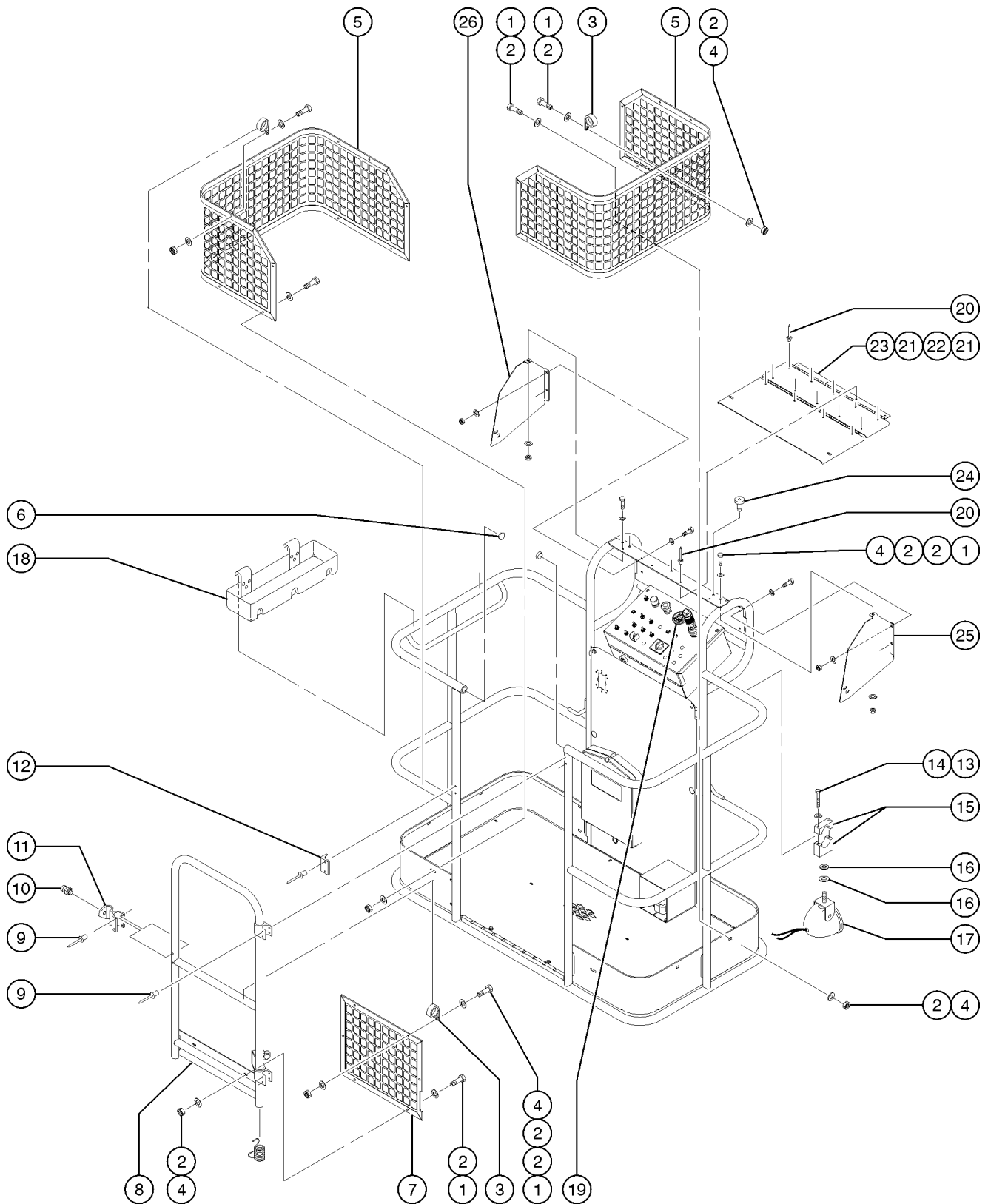
703.1 Platform Options



## 703.1 Platform Options

| Item | Part No.  | Description                                                                                                                                                            | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|      | 34151-SGT | OPTION,WORKLIGHT,48 VOLT .....                                                                                                                                         |      |
|      | 36016-SGT | LVI\BCI 48V Z30N SERV .....                                                                                                                                            |      |
|      | 36019-SGT | SWING GATE,SPRING LOADED .....                                                                                                                                         |      |
| 1    | 119147GT  | ACC.RETRO KIT LVI/BCI ENGAG II<br>Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory ...                            | 1    |
| 1-   | 110651GT  | LVI/BCI 36/48 VOLT ENGAGE II .....                                                                                                                                     |      |
| 1-   | 110652GT  | GASKET LVI/BCI ENGAGE II .....                                                                                                                                         |      |
| 2    | 31120GT   | PLUG,NYLON 1.187 BLACK DOMED .....                                                                                                                                     | 4    |
| 3    | 9599-SGT  | TOOL TRAY ACCESSORY*** .....                                                                                                                                           | 1    |
| 4    | 7265GT    | RIVET,STEEL,P, .25 X .375 .....                                                                                                                                        | 8    |
| 5    | 36566-SGT | GATE WELDMENT,SHORT SWING .....                                                                                                                                        | 1    |
| 5-   | 9596GT    | HINGE CASTING<br>Special welding requirements for installation of this component. Strongly suggest ordering 36566-S OR contact Genie Service for welding requirements. |      |
| 6    | 1487GT    | GATE LATCH CASTING--DRILLED .....                                                                                                                                      | 1    |
| 7    | 12161GT   | SNAP PIN,(RD.NOSE)-GATE LATCH .....                                                                                                                                    | 1    |
| 8    | 1488GT    | RAILING CATCH CASTING--DRILLED .....                                                                                                                                   | 1    |
| 9    | 35959GT   | LAMP,PAR 36 48 VOLT (35958)*** .....                                                                                                                                   | 1    |
| 10   | 6036GT    | WASHER,LOCK,.625 PLTD .....                                                                                                                                            | 2    |
| 11   | 35956GT   | WORK LIGHT MOUNTING BRACKET .....                                                                                                                                      | 1    |
| 12   | 6145GT    | SCREW, HHC, 1/4-20 X 1.5 .....                                                                                                                                         | 2    |
| 13   | 6356GT    | WASHER, LOCK, .25 .....                                                                                                                                                | 2    |

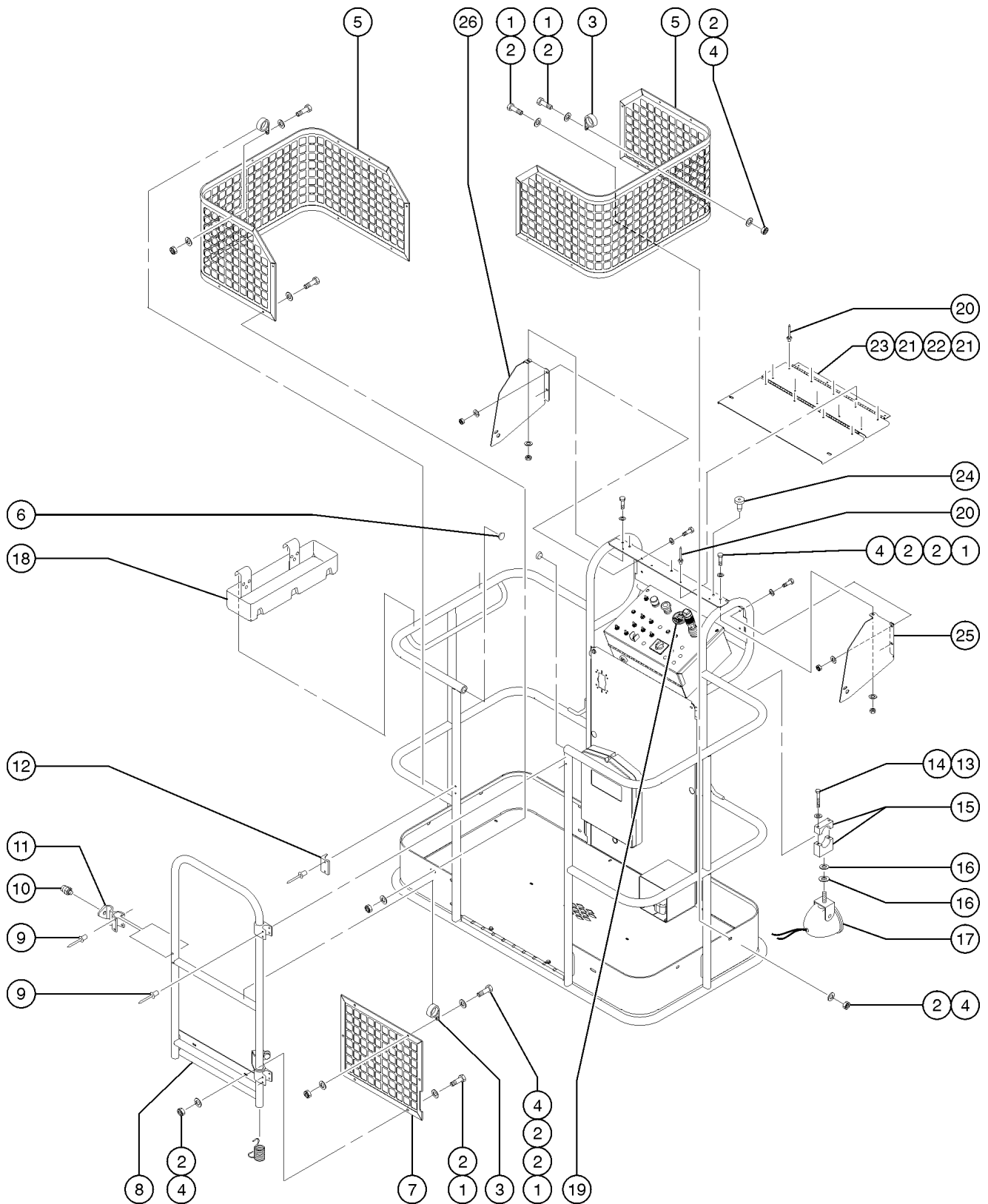
## 703.2 Platform Options (for models with Platform Assembly Upgrade Kit)



## 703.2 Platform Options (for models with Platform Assembly Upgrade Kit)

| Item | Part No.  | Description                                                                                                                             | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|------|
|      | 119147GT  | ACC.RETRO KIT LVI/BCI ENGAG II<br>Can only be used to upgrade machines which already have the LVI/BCI option installed from the factory | ...  |
|      | 34151-SGT | OPTION,WORKLIGHT,48 VOLT .....                                                                                                          |      |
| 1    | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....                                                                                                         |      |
| 2    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                                                          |      |
| 3    | 56424GT   | CLAMP,1.25X.5 RUBBER-CUSHION .....                                                                                                      |      |
| 4    | 6091GT    | NUT,NYLOCK,1/4-20 .....                                                                                                                 |      |
| 5A   | 74009GT   | MESH,HALF HEIGHT RH,4**** .....                                                                                                         | 1    |
| 5B   | 74007GT   | MESH,HALF HEIGHT,5**** .....                                                                                                            |      |
| 6    | 55753GT   | BUMPER, PLASTIC, 1.25 O.D. ....                                                                                                         | 2    |
| 7    | 54457GT   | MESH,HALF,SWING GATE*** .....                                                                                                           | 1    |
| 8    | 128368GT  | KIT,SWING GATE W/SPRING .....                                                                                                           | 1    |
| 8    | 1290135GT | KIT,HALF FRONT,SWING GATE .....                                                                                                         |      |
| 8-   | 128374GT  | WELDMENT,SWING GATE,ALUMINUM .....                                                                                                      |      |
| 8-   | 42104GT   | SPRING,SHORT PLATFORM GATE .....                                                                                                        |      |
| 8-   | 43392GT   | BUMPER,BATTERY BOX & RAILS .....                                                                                                        |      |
| 9    | 7265GT    | RIVET,STEEL,P, .25 X .375 .....                                                                                                         |      |
| 10   | 33674GT   | PIN,LOCK,SHORT*** .....                                                                                                                 | 1    |
| 11   | 1487GT    | GATE LATCH CASTING--DRILLED .....                                                                                                       | 1    |
| 12   | 1488GT    | RAILING CATCH CASTING--DRILLED .....                                                                                                    | 1    |
| 13   | 6145GT    | SCREW, HHC, 1/4-20 X 1.5 .....                                                                                                          |      |
| 14   | 6356GT    | WASHER, LOCK, .25 .....                                                                                                                 |      |
| 15   | 35956GT   | WORK LIGHT MOUNTING BRACKET .....                                                                                                       | 2    |
| 16   | 6036GT    | WASHER,LOCK,.625 PLTD .....                                                                                                             |      |
| 17   | 107858GT  | WORKLIGHT,48 VOLT .....                                                                                                                 | 2    |
| 17-  | 35959GT   | LAMP,PAR 36 48 VOLT (35958)*** .....                                                                                                    |      |
| 18   | 9599-SGT  | TOOL TRAY ACCESSORY*** .....                                                                                                            | 1    |
| 19   | 110651GT  | LVI/BCI 36/48 VOLT ENGAGE II .....                                                                                                      | 1    |
| 19-  | 110652GT  | GASKET LVI/BCI ENGAGE II .....                                                                                                          |      |

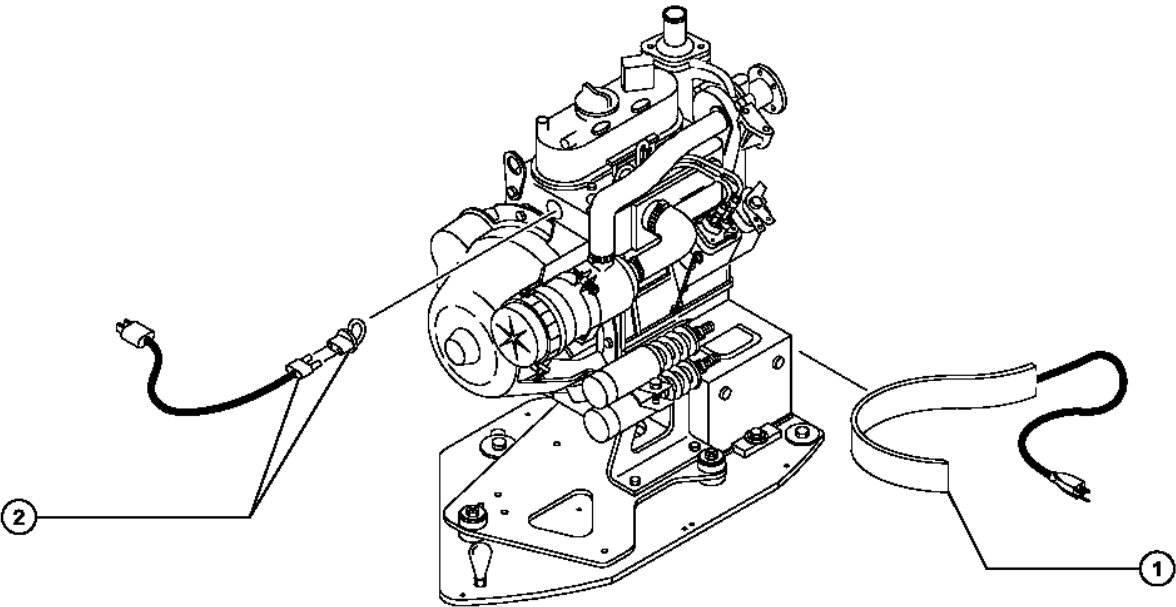
## 703.2 Platform Options (for models with Platform Assembly Upgrade Kit)



## 703.2 Platform Options (for models with Platform Assembly Upgrade Kit)

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>            | <i>Qty.</i> |
|-------------|-----------------|-------------------------------|-------------|
| 19-         | 110653GT        | BRACKET ENGAGE II .....       |             |
| 20          | 87085GT         | RIVET,ALUM,P,.188 X .25 ..... |             |
| 21          | 77860GT         | HINGE,CONTROL BOX .....       | 2           |
| 22          | 101678GT        | LID,CONTROL BOX COVER .....   | 1           |
| 23          | 101679GT        | LID,CONTROL BOX COVER .....   | 1           |
| 24          | 34619GT         | BUMPER,RUBBER*** .....        | 6           |
| 25          | 101676GT        | CONTROL BOX COVER, RH .....   | 1           |
| 26          | 101677GT        | CONTROL BOX COVER, LH .....   | 1           |

704.1 Cold Start Package





704.1 Cold Start Package

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
|      | 42488GT  | OPTION,COLD START,Z34DSL ..... |      |
| 1    | 28853GT  | BLANKET,BATTERY .....          | 1    |
| 2    | 70683GT  | FREEZE PLUG HEATER,Z45 .....   | 1    |



| <u>Part no.</u> | <u>Page Number</u>                | <u>Part no.</u> | <u>Page Number</u>            | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|-----------------------------------|-----------------|-------------------------------|-----------------|--------------------|
| 1268GT          | 11                                | 7713GT          | 117                           | 18665GT         | 81                 |
| 1484GT          | 11                                | 8177GT          | 47                            | 18963GT         | 77                 |
| 1487GT          | 141, 143                          | 8516GT          | 47                            | 19440GT         | 15                 |
| 1488GT          | 141, 143                          | 8910GT          | 31                            | 19470GT         | 89, 93             |
| 2166GT          | 19                                | 8914GT          | כז, טז, יז, טו, כז,<br>113... | 19487GT         | 65                 |
| 4828GT          | זז, כז, טו, כז, טז,<br>101...     | 8915GT          | 57, 97                        | 19491GT         | 75, 103, 105, 111  |
| 5361GT          | 15                                | 9596GT          | 141                           | 19520GT         | 31                 |
| 5397GT          | 35, 45                            | 9599-SGT        | 141, 143                      | 19533GT         | 27                 |
| 6019GT          | זז, כז, טו, כז, טז,<br>105...     | 10262GT         | 109                           | 19606GT         | 65                 |
| 6021GT          | 17, 23, 45, 63, 65, 69...         | 10597GT         | 115                           | 19712GT         | 133                |
| 6033GT          | 23, 47, 115                       | 10665GT         | 117                           | 19722GT         | 133                |
| 6035GT          | 47                                | 10775GT         | 127                           | 19726GT         | 135                |
| 6036GT          | 141, 143                          | 11413GT         | 117                           | 19729GT         | 135                |
| 6086GT          | 47                                | 12161GT         | 141                           | 19731GT         | 135                |
| 6090GT          | 17, 23, 27, 31, 35, 57...         | 12443GT         | 125                           | 19789GT         | 19, 93             |
| 6091GT          | 27, 45, 57, 59, 67, 71...         | 12906GT         | 125                           | 20224GT         | 89, 93             |
| 6095GT          | 45                                | 12960GT         | 83, 127                       | 20262GT         | 123                |
| 6097GT          | 27, 45, 61, 65, 69, 97...         | 13002GT         | 35                            | 20776GT         | 81                 |
| 6145GT          | 115, 141, 143                     | 13005GT         | 45                            | 20780GT         | 55                 |
| 6146GT          | 27, 35, 77, 81                    | 13008-3GT       | 27                            | 21019GT         | 69, 85             |
| 6178GT          | 27, 55, 75, 77, 81, 123           | 13008-6GT       | 27                            | 21121GT         | 125                |
| 6198GT          | 45                                | 13037-SGT       | 77, 131                       | 21143GT         | 25                 |
| 6272GT          | 65                                | 13038-SGT       | 131                           | 21144GT         | 25                 |
| 6356GT          | 17, 23, 27, 31, 35, 47...         | 13064GT         | 25, 73                        | 21145GT         | 25                 |
| 6357GT          | 97                                | 13471GT         | 79, 131                       | 21146GT         | 25                 |
| 6550GT          | 125                               | 13480-SGT       | 79, 131                       | 21148GT         | 25                 |
| 6563GT          | 33, 109                           | 13482GT         | 123                           | 21149GT         | 25                 |
| 6595GT          | 29, 49                            | 13511GT         | 79                            | 21166GT         | 15                 |
| 6607GT          | זז, יז, טו, טז, יז, יט,<br>111... | 13579GT         | 65                            | 21253GT         | 33                 |
| 6638GT          | 17, 23, 27, 35, 45, 59...         | 13585GT         | 127                           | 21427GT         | 133                |
| 6782GT          | 55, 57, 61                        | 13775GT         | 139                           | 21434GT         | 133                |
| 6833GT          | 113                               | 13852GT         | 117                           | 21465GT         | 65, 69             |
| 6884GT          | 103                               | 13918GT         | 111                           | 21496GT         | 55                 |
| 6886GT          | 35, 51                            | 14033GT         | 27, 47, 101                   | 21604GT         | 45                 |
| 6888GT          | 27, 33, 35, 45, 67, 71...         | 14041GT         | 83, 127                       | 21982GT         | 77                 |
| 6889GT          | 103, 113, 117                     | 15086GT         | 45, 65, 69, 137               | 22046GT         | 51                 |
| 6935GT          | 29, 49, 81, 127                   | 16397-SGT       | 79, 131                       | 22202GT         | 75                 |
| 7056GT          | זז, כז, יז, טו, טז, יט,<br>105... | 16486GT         | 105, 111                      | 22263GT         | 35                 |
| 7057GT          | 83                                | 17626GT         | 125                           | 22264GT         | 35, 37             |
| 7264GT          | 97                                | 18078GT         | 27                            | 22265GT         | 37                 |
| 7265GT          | 59, 141, 143                      | 18396GT         | 17, 101                       | 22431GT         | 31, 33, 123, 127   |
| 7339GT          | 31, 45, 59, 69                    | 18506GT         | 45, 55                        | 22432GT         | 31, 123, 127       |

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|-----------------|--------------------|-----------------|---------------------------|-----------------|---------------------------|
| 22433GT         | 31, 123, 127       | 27367GT         | 61                        | 30217GT         | 115                       |
| 22434GT         | 123, 127           | 27372GT         | 75                        | 30255GT         | 101, 115                  |
| 22435GT         | 123, 127           | 27378-SGT       | 77                        | 30348GT         | 67, 71                    |
| 22446GT         | 57                 | 27497GT         | 113                       | 30490GT         | 69                        |
| 22542GT         | 35                 | 27564GT         | 13                        | 30807P-SGT      | 123                       |
| 22571GT         | 35                 | 27586GT         | 65                        | 31046GT         | 65                        |
| 22672GT         | 55                 | 27647GT         | 113                       | 31060GT         | 11                        |
| 22676GT         | 57, 59             | 27699GT         | 113                       | 31106GT         | 101, 103, 115             |
| 22700GT         | 57, 59             | 27830GT         | 27                        | 31120GT         | 141                       |
| 22790GT         | 23                 | 27894GT         | 139                       | 31146GT         | 125                       |
| 22794GT         | 49, 73             | 27895GT         | 139                       | 31498GT         | 117                       |
| 22903GT         | 51                 | 27900GT         | 139                       | 31508GT         | 13                        |
| 22956GT         | 57                 | 28125GT         | 97                        | 31527GT         | 87, 91                    |
| 23057GT         | 57, 61             | 28156GT         | 59                        | 31785GT         | 11                        |
| 23404GT         | 35, 45, 77, 81     | 28157GT         | 11                        | 31788GT         | 13, 23                    |
| 23405GT         | 137                | 28159GT         | 11                        | 32064GT         | 51                        |
| 23457GT         | 51                 | 28161GT         | 11                        | 32066GT         | 51, 59                    |
| 23469GT         | 51                 | 28162GT         | 13                        | 32067GT         | 51                        |
| 23472GT         | 53                 | 28164GT         | 11                        | 32069GT         | 53                        |
| 23473GT         | 61                 | 28165GT         | 13                        | 32077GT         | 57                        |
| 23844GT         | 35                 | 28171GT         | 11                        | 32087GT         | 59                        |
| 23845GT         | 37                 | 28174GT         | 11                        | 32090GT         | 59                        |
| 24038GT         | 47                 | 28175GT         | 13                        | 32150GT         | 11                        |
| 24040GT         | 47                 | 28176GT         | 13                        | 32151GT         | 11                        |
| 25068GT         | 75                 | 28177GT         | 11                        | 32200GT         | 53                        |
| 25567GT         | 65                 | 28181GT         | 11                        | 32224GT         | 75                        |
| 25683GT         | 101, 105, 115, 117 | 28235GT         | 11                        | 32317GT         | 49, 63                    |
| 25817GT         | 15                 | 28236GT         | 13                        | 32669GT         | 117                       |
| 25836GT         | 81                 | 28298GT         | 81                        | 32710GT         | 123                       |
| 25837GT         | 81                 | 28471GT         | 97                        | 33265GT         | 115                       |
| 25882GT         | 133                | 28750GT         | 19, 41, 43, 87, 91, 99... | 33277GT         | 61                        |
| 25929GT         | 51                 | 28853GT         | 147                       | 33428GT         | 105                       |
| 25974GT         | 81                 | 28963GT         | 59                        | 33510GT         | 97                        |
| 25994GT         | 13                 | 29032GT         | 87                        | 33550GT         | 11                        |
| 27050GT         | 87, 93             | 29063GT         | 19, 93                    | 33608GT         | 81                        |
| 27089GT         | 55, 65, 69         | 29080GT         | 109                       | 33674GT         | 143                       |
| 27126GT         | 31                 | 29314GT         | 97                        | 33952GT         | 13                        |
| 27246GT         | 77, 79, 131        | 29605GT         | 115                       | 33994GT         | 19, 41, 43, 87, 91, 99... |
| 27258GT         | 113                | 29643GT         | 131, 135                  | 33996GT         | 81, 125                   |
| 27262GT         | 27                 | 29868GT         | 31                        | 34053GT         | 77, 81                    |
| 27263GT         | 27                 | 29943GT         | 135                       | 34125GT         | 109                       |
| 27275GT         | 75                 | 30138GT         | 109                       | 34151-SGT       | 141, 143                  |

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| 34245GT         | 101, 105           | 36424GT         | 31                 | 40146GT         | 15                 |
| 34619GT         | 145                | 36456GT         | 37                 | 40299GT         | 11                 |
| 35003GT         | 127                | 36459GT         | 73                 | 40300GT         | 11                 |
| 35418GT         | 65                 | 36492GT         | 109, 119           | 40410GT         | 87, 91             |
| 35678GT         | 135                | 36514GT         | 139                | 40413GT         | 91, 93, 117        |
| 35680GT         | 135                | 36561-SGT       | 117                | 40422GT         | 19, 87             |
| 35934GT         | 83, 127            | 36566-SGT       | 141                | 40423GT         | 19                 |
| 35949P-SGT      | 97                 | 36648GT         | 109                | 40438GT         | 17                 |
| 35956GT         | 141, 143           | 36664GT         | 103                | 40442GT         | 31                 |
| 35959GT         | 141, 143           | 36681PGT        | 67                 | 40446GT         | 103                |
| 36016-SGT       | 141                | 36839GT         | 23                 | 40447GT         | 101, 103, 105      |
| 36019-SGT       | 141                | 36871GT         | 81                 | 40449GT         | 103                |
| 36054-SGT       | 115                | 36874GT         | 101                | 40450GT         | 105, 109           |
| 36179GT         | 47                 | 36875GT         | 33                 | 40526GT         | 13                 |
| 36189GT         | 117                | 36998GT         | 67, 69             | 40532GT         | 27                 |
| 36190GT         | 117                | 37051GT         | 13                 | 40533GT         | 29                 |
| 36192GT         | 109                | 37052GT         | 13                 | 40534GT         | 29                 |
| 36194GT         | 101, 105           | 37053GT         | 11                 | 40536GT         | 29                 |
| 36198GT         | 107                | 37054GT         | 13                 | 40537GT         | 27                 |
| 36199GT         | 117                | 37055GT         | 13                 | 40538GT         | 27                 |
| 36200GT         | 101                | 37056GT         | 11                 | 40835GT         | 47                 |
| 36202GT         | 101                | 37075GT         | 19                 | 40837GT         | 17                 |
| 36205GT         | 101                | 37090GT         | 115                | 40983GT         | 117                |
| 36211GT         | 17                 | 37097GT         | 25                 | 41630GT         | 47                 |
| 36212GT         | 31                 | 37122GT         | 13                 | 41971GT         | 11                 |
| 36221GT         | 109                | 37128GT         | 115                | 42032GT         | 133                |
| 36235GT         | 129                | 37184GT         | 47                 | 42048PGT        | 65                 |
| 36245GT         | 101                | 37185GT         | 47                 | 42063-SGT       | 65                 |
| 36246GT         | 101                | 37186GT         | 47                 | 42064PGT        | 97                 |
| 36249-SGT       | 115                | 37187GT         | 47                 | 42065GT         | 81                 |
| 36260GT         | 25                 | 37189GT         | 23                 | 42067PGT        | 85                 |
| 36269GT         | 27                 | 37191GT         | 47                 | 42069GT         | 65                 |
| 36279-SGT       | 117                | 37192GT         | 47                 | 42077GT         | 85                 |
| 36313GT         | 29                 | 37218GT         | 61                 | 42100-SGT       | 97                 |
| 36326GT         | 75                 | 37947GT         | 77                 | 42101-SGT       | 97                 |
| 36355GT         | 35                 | 38113GT         | 23                 | 42103GT         | 65                 |
| 36366GT         | 103                | 38620GT         | 109                | 42104GT         | 143                |
| 36369GT         | 31                 | 39469GT         | 47                 | 42124GT         | 47                 |
| 36379PGT        | 115                | 39470GT         | 47                 | 42145GT         | 25                 |
| 36388GT         | 97                 | 40136GT         | 25                 | 42338GT         | 67                 |
| 36390GT         | 101                | 40137GT         | 17                 | 42404GT         | 117                |
| 36413GT         | 111                | 40145GT         | 15                 | 42413GT         | 103                |

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| 42432-SGT       | 15                 | 43956GT         | 127                | 45437GT         | 127                       |
| 42471PGT        | 125                | 43958GT         | 83, 103            | 45460GT         | 17                        |
| 42488GT         | 147                | 43960GT         | 73, 123, 127       | 45462GT         | 137                       |
| 42612GT         | 103                | 43961GT         | 127                | 45465GT         | 31, 109                   |
| 42613GT         | 103                | 44133GT         | 83, 103, 105       | 45544GT         | 19, 93                    |
| 42616GT         | 81                 | 44160GT         | 47                 | 45745GT         | 109                       |
| 42617GT         | 81                 | 44184GT         | 51                 | 45840GT         | 79                        |
| 42623GT         | 103                | 44586GT         | 85                 | 45873GT         | 15                        |
| 42624GT         | 103                | 44743GT         | 125                | 45912GT         | 19, 87, 91                |
| 42662GT         | 45                 | 44750GT         | 63                 | 47377GT         | 105                       |
| 42693GT         | 113                | 44777GT         | 63                 | 48400GT         | 105                       |
| 42694PGT        | 113                | 44778GT         | 23, 63             | 48401GT         | 15                        |
| 42725GT         | 131                | 44779GT         | 13                 | 48402GT         | 105                       |
| 42763GT         | 113                | 44820GT         | 31                 | 48404GT         | 101, 103                  |
| 42785GT         | 67, 71             | 44909GT         | 69                 | 48405GT         | 115                       |
| 42797GT         | 117                | 44954GT         | 117                | 48406GT         | 109                       |
| 42818-SGT       | 121                | 44956GT         | 93                 | 48504GT         | 63                        |
| 42820-SGT       | 121                | 44980GT         | 13                 | 48880GT         | 89, 93                    |
| 42846-SGT       | 41                 | 44981GT         | 11                 | 48890GT         | 121                       |
| 42848-SGT       | 41, 43             | 44986GT         | 13                 | 48900GT         | 43, 99, 121               |
| 42851-SGT       | 41                 | 45040GT         | 17                 | 48904GT         | 41, 43, 121               |
| 42862-SGT       | 121                | 45043GT         | 15                 | 48905GT         | 43, 99, 121               |
| 42863-SGT       | 121                | 45066GT         | 23                 | 48908GT         | 41, 43                    |
| 42889-SGT       | 121                | 45071GT         | 101, 105           | 48911GT         | 41, 43                    |
| 42890-SGT       | 121                | 45074GT         | 17                 | 48912GT         | 41, 43, 99, 121           |
| 42893-SGT       | 121                | 45093GT         | 17                 | 48916GT         | 43, 99, 121               |
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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).