



A TEREX BRAND

# ***Parts Manual***

Serial Number Range

***S-40***  
***S-45***

from SN 0001 to 0830

Part No. 32223GT  
Rev: D.39  
January 2025

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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, Fourth Printing

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A TEREX BRAND

**Model:** S-40

**Serial number:** S4008-12345

**Model year:** 2008 **Manufacture date:** 01/05/08

**Electrical schematic number:** ES0274

**Machine unladen weight:**

**Rated work load (including occupants):** 500 lb / 227 kg

**Maximum number of platform occupants:** 2

**Maximum allowable side force :** 150 lb / 670 N

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

**Maximum wind speed :** 28 mph/ 12.5 m/s

**Maximum platform height :** 60 ft 6 in/ 18.3 m

**Maximum platform reach :** 34 ft 3 in/ 10.4 m

**Gradeability:** N/A

**Country of manufacture:** USA

**This machine complies with:**

ANSI A92.5

CAN B.354.4

**Terex South Dakota, Inc.**

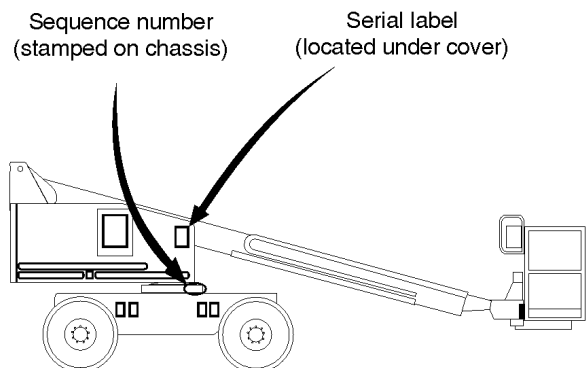
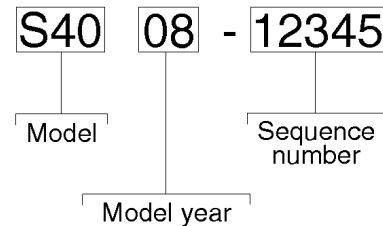
**18340 NE 76th Street**

**Redmond, WA 98052**

**USA**



111111111111



## 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 S-40 Service Manual.

Ford Models:

| Description                | Part No. |
|----------------------------|----------|
| Filter, Fuel.....          | 28662    |
| Filter - Engine Oil .....  | 28656    |
| Element - Air Filter ..... | 27916    |
| V-Belt .....               | 28652    |
| Valve - PCV .....          | 33957    |
| Spark Plug .....           | 28647    |

Deutz Models:

| Description                         | Part No. |
|-------------------------------------|----------|
| Element - Air Filter .....          | 27916    |
| Filter - Fuel/water Separator ..... | 29560    |
| Filter - Engine Oil .....           | 29561    |
| V-Belt .....                        | 32698    |

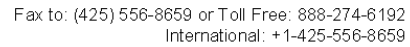
**Recommended Parts**

| 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 _____          |

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

[illegible]

☐ Ship complete order only - No back orders

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

☐ Other (please specify)

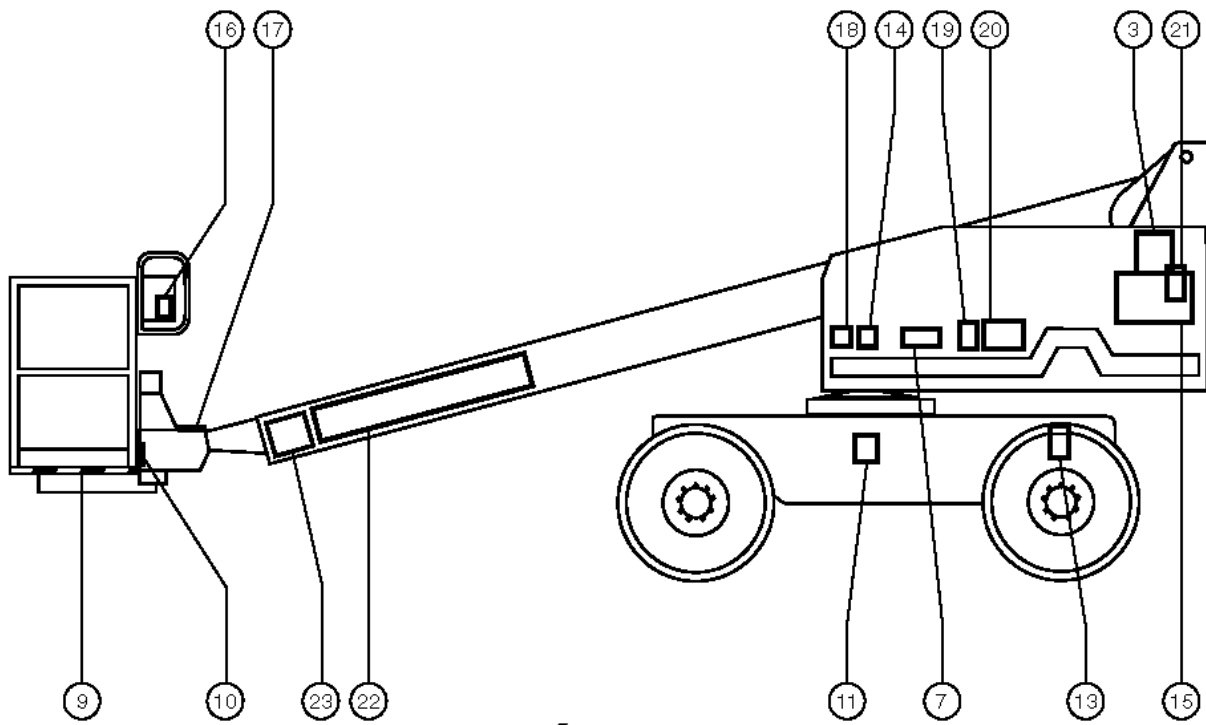
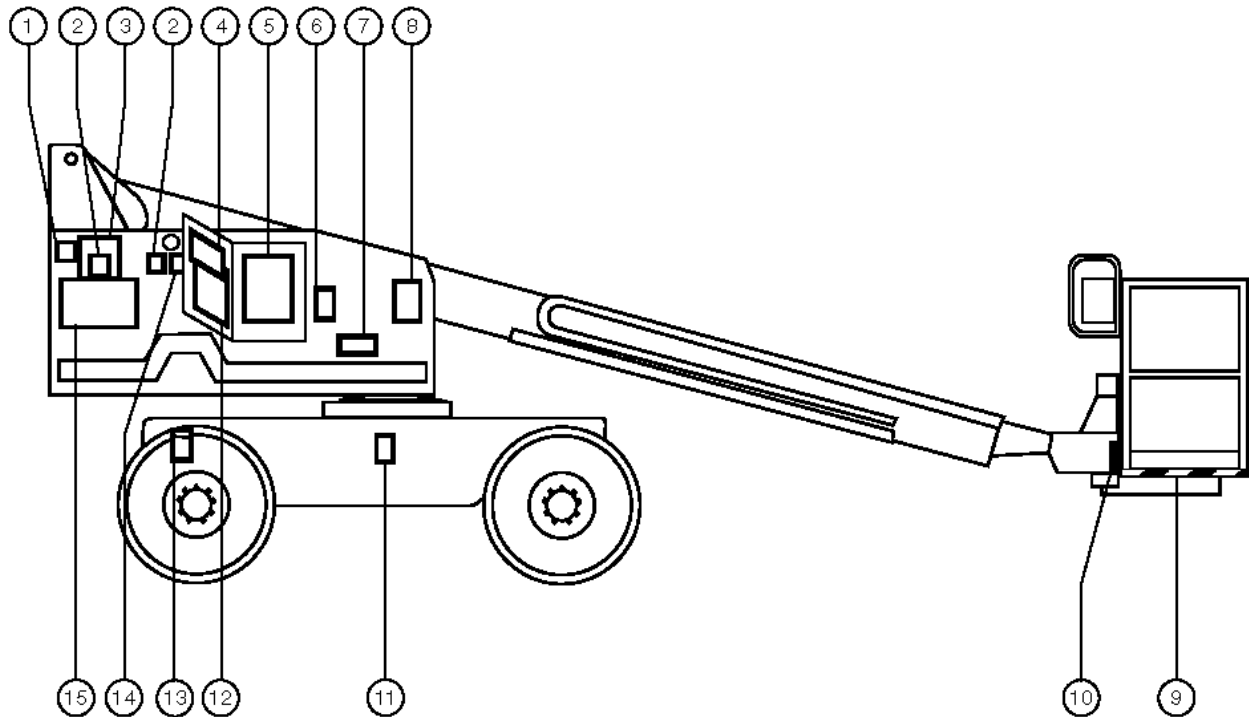
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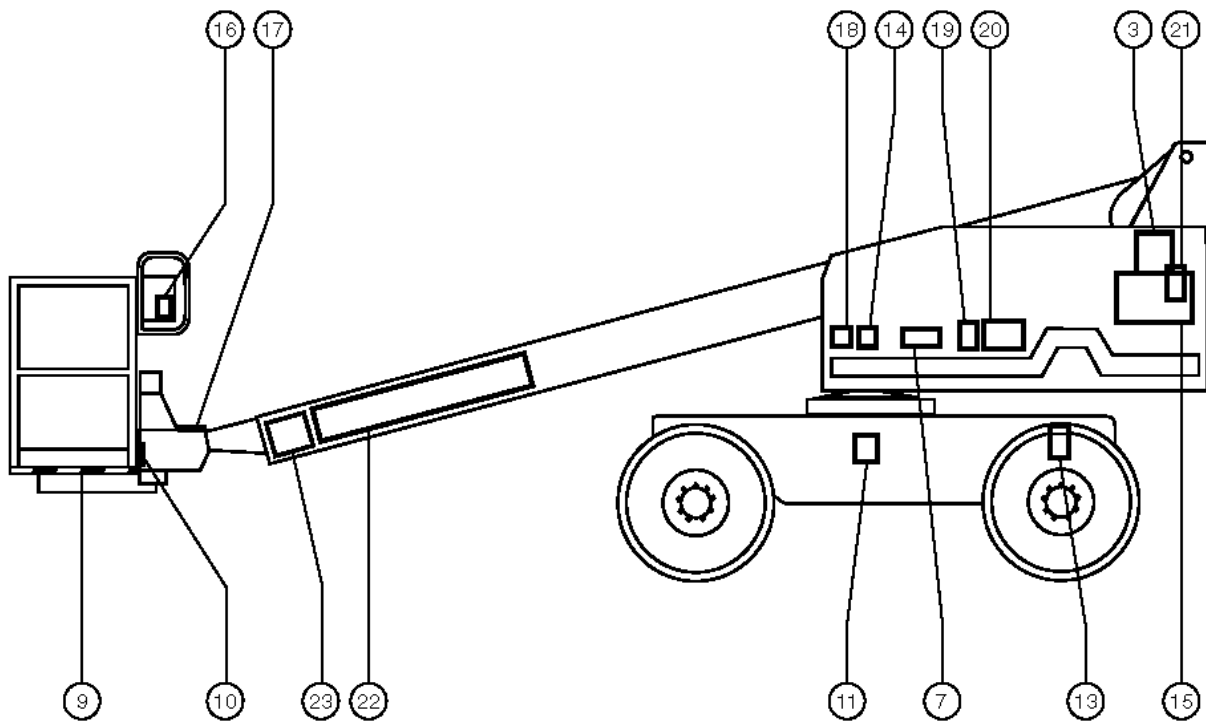
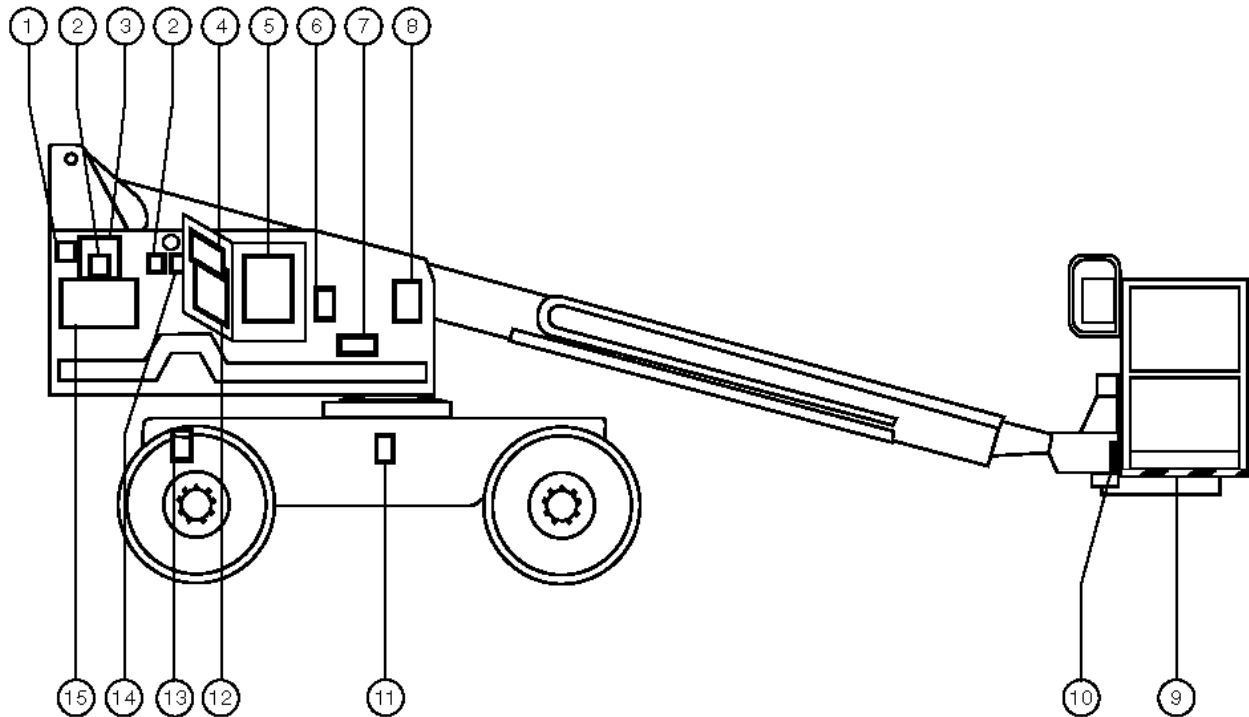
101.1 Decals - View 1





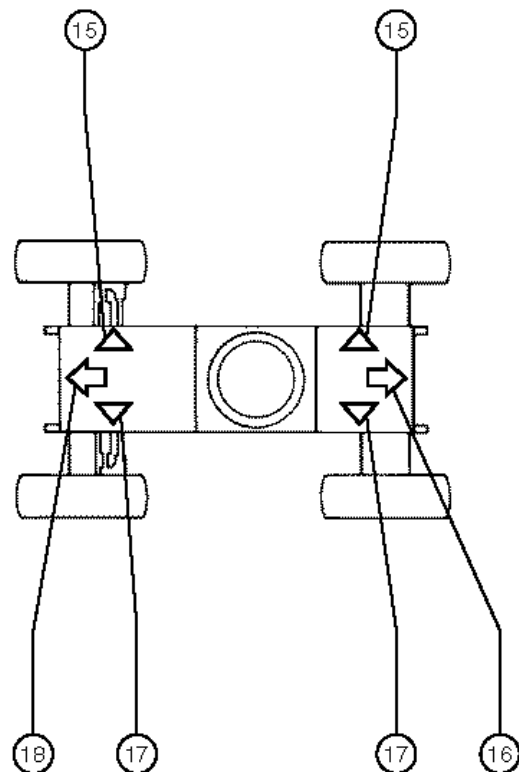
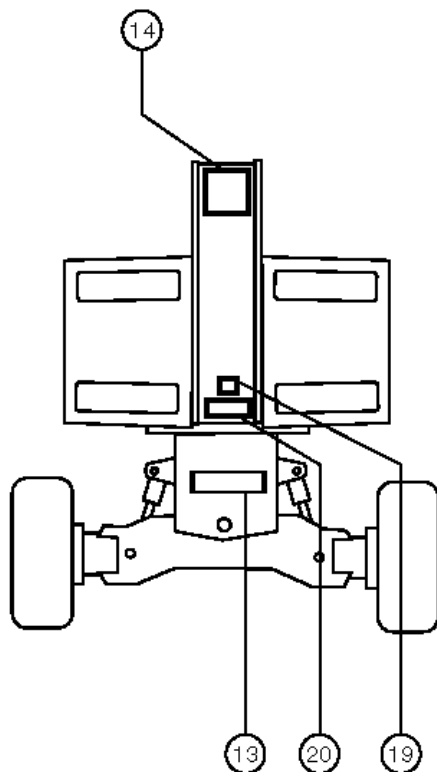
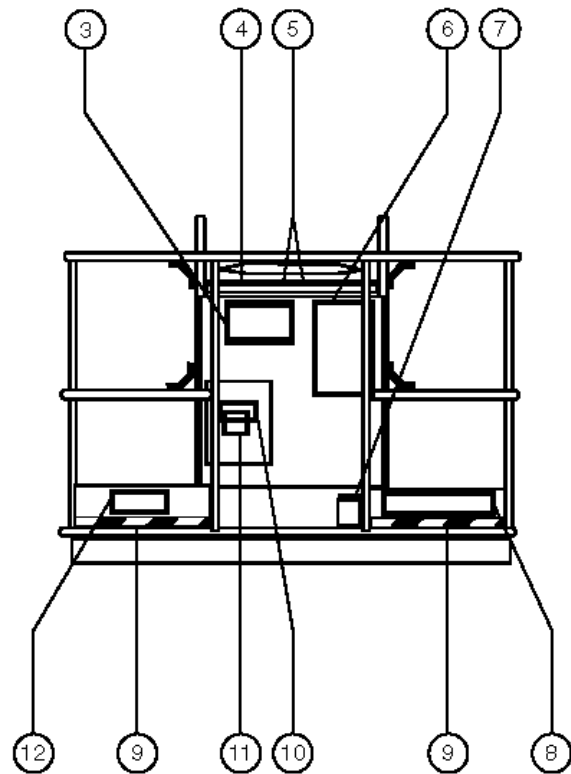
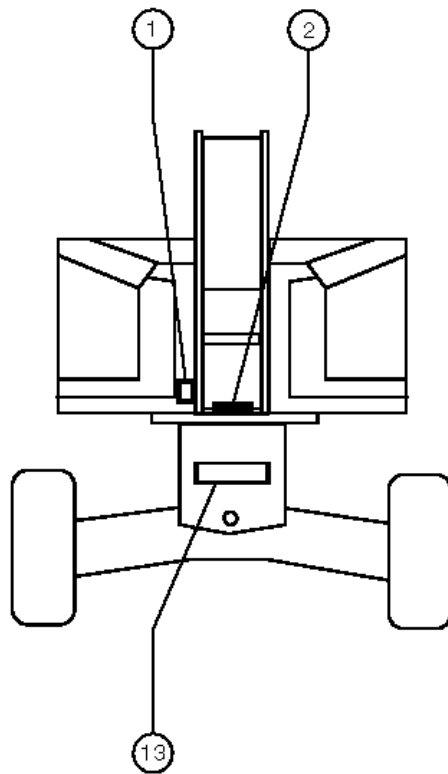
| Item | Part No.  | Description                                                                              | Qty.      |
|------|-----------|------------------------------------------------------------------------------------------|-----------|
| A-   | 1279573GT | DECAL KIT,PLAT,S40/60/80,WORD .....<br>for SN 001 to 830                                 |           |
|      | 32762GT   | DECAL KIT,SAFETY/INSTR,S-40 .....<br>does not include index numbers 2, 9, 15, 16, 18, 21 |           |
|      | 30998GT   | DECAL KIT,COSMETIC,S40 .....                                                             |           |
|      | 32150GT   | PAINT, WET, GENIE BLUE (1 GL)** .....                                                    |           |
|      | 1484GT    | PAINT, AEROSOL, BRIGHT BLUE*** .....                                                     |           |
|      | 32151GT   | PAINT, WET, GENIE GRAY (1GL)** .....                                                     |           |
|      | 1268GT    | PAINT, AEROSOL, GENIE GRAY*** .....                                                      |           |
| 1    | 28157GT   | DECAL,USE DEXRON*** .....                                                                | 1         |
| 2    | 28158GT   | DECAL,LABEL,UNLEADED GAS ONLY .....<br>symbol decal only                                 | 2         |
| 2-   | 28159GT   | DECAL,LABEL,DIESEL FUEL .....                                                            | 2         |
| 3    | 32744GT   | DECAL,S, BLUE, BLACK .....                                                               | 2         |
| 4    | 32702GT   | DECAL,NOTICE,OPERATING INSTRN .....                                                      | 1         |
| 5    | 32658GT   | DECAL,GROUND CONTROL PANEL-S40 .....                                                     | 1         |
| 6    | 25994GT   | DECAL,NOTICE,SHUTOFF VALVES .....                                                        | 1         |
| 7    | 27564GT   | DECAL,DANGER,ELEC.HAZ.STAY CLR .....                                                     | 2         |
| 8    | 77046GT   | SERIAL # LABEL,MYLAR 4X8*** .....                                                        | 1         |
| 9    | 33550GT   | TAPE,WARNING,BLK/YEL, 50'*** .....                                                       | 1<br>roll |
| 10   | 28177GT   | DECAL,WARN,CRUSH HAZARD PLAT .....                                                       | 2         |
| 11   | 32719GT   | DECAL,NOTICE, TIRE PRESSURE .....                                                        | 2         |
| 12   | 97890GT   | DECAL,DANGER,GEN SAFETY RULES .....                                                      | 2         |
| 13   | 28161GT   | DECAL,WARN,CRUSH HAZARD HAND .....                                                       | 2         |
| 14   | 28171GT   | DECAL,DANGER,NO SMOKING *** .....                                                        | 2         |
| 15   | 30406GT   | DECAL"GENIE 2 WD" WHITE .....                                                            | 2         |
| 15-  | 30407GT   | DECAL,GENIE 4 WD, WHITE .....                                                            | 2         |
| 16   | 28235GT   | DECAL, POWER TO PLATFORM 115V** .....                                                    | 1         |
| 16-  | 28174GT   | DECAL, POWER TO PLATFORM 230V** .....                                                    | 1         |
| 17   | 28181GT   | DECAL,WARN,FALL HAZARD .....                                                             | 1         |
| 18   | 28160GT   | DECAL,LABEL,LIQUID PROPANE .....                                                         | 1         |

101.1 Decals - View 1



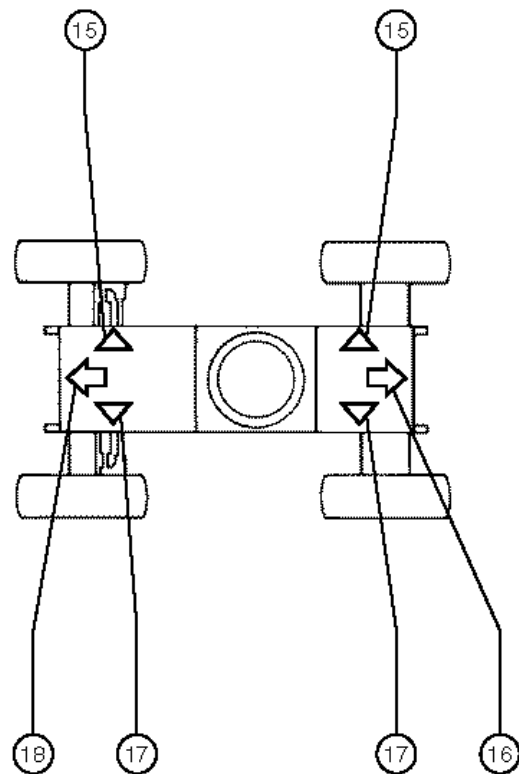
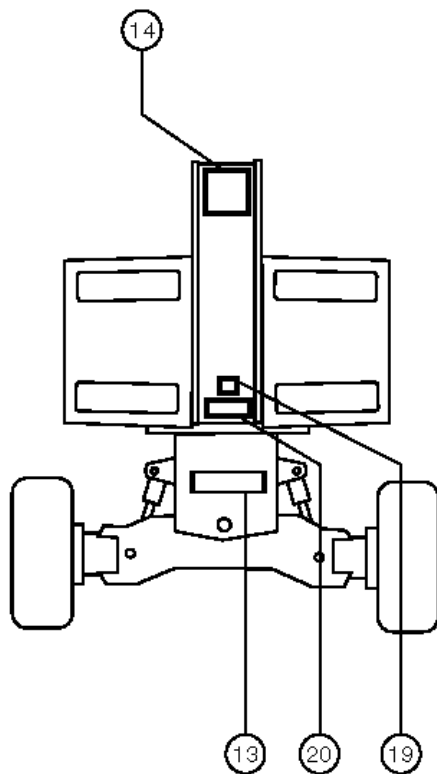
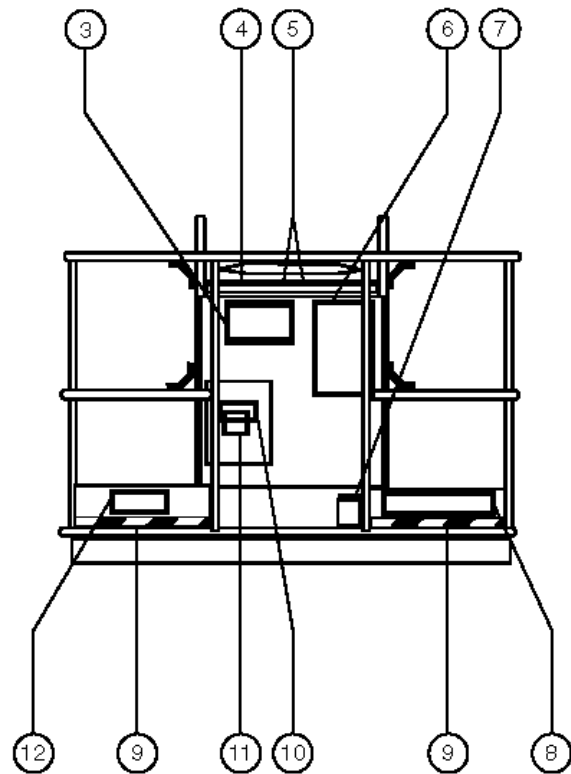
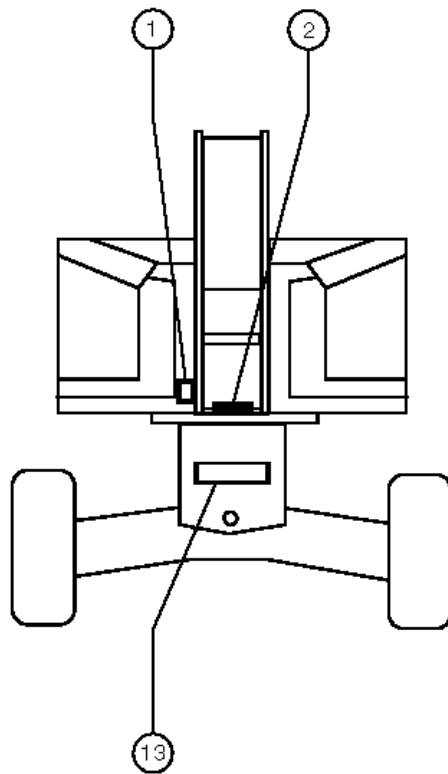
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 19          | 28164GT         | DECAL,NOTICE,HAZARDOUS MAT'LS* ..... | 1           |
| 20          | 28175GT         | DECAL,WARNING-COMPART ACCESS .....   | 1           |
| 21          | 32703GT         | DECAL,NOTICE, LSG ENG SPECS .....    | 1           |
| 21-         | 32721GT         | DECAL,NOTICE,DEUTZ ENG SPEC** .....  | 1           |
| 22          | 62072GT         | DECAL,COSMETIC,GENIE S-40*** .....   | 1           |
| 23          | 32747GT         | DECAL,STRIPES,WHITE, 12" .....       | 1           |

102.1 Decals - View 2



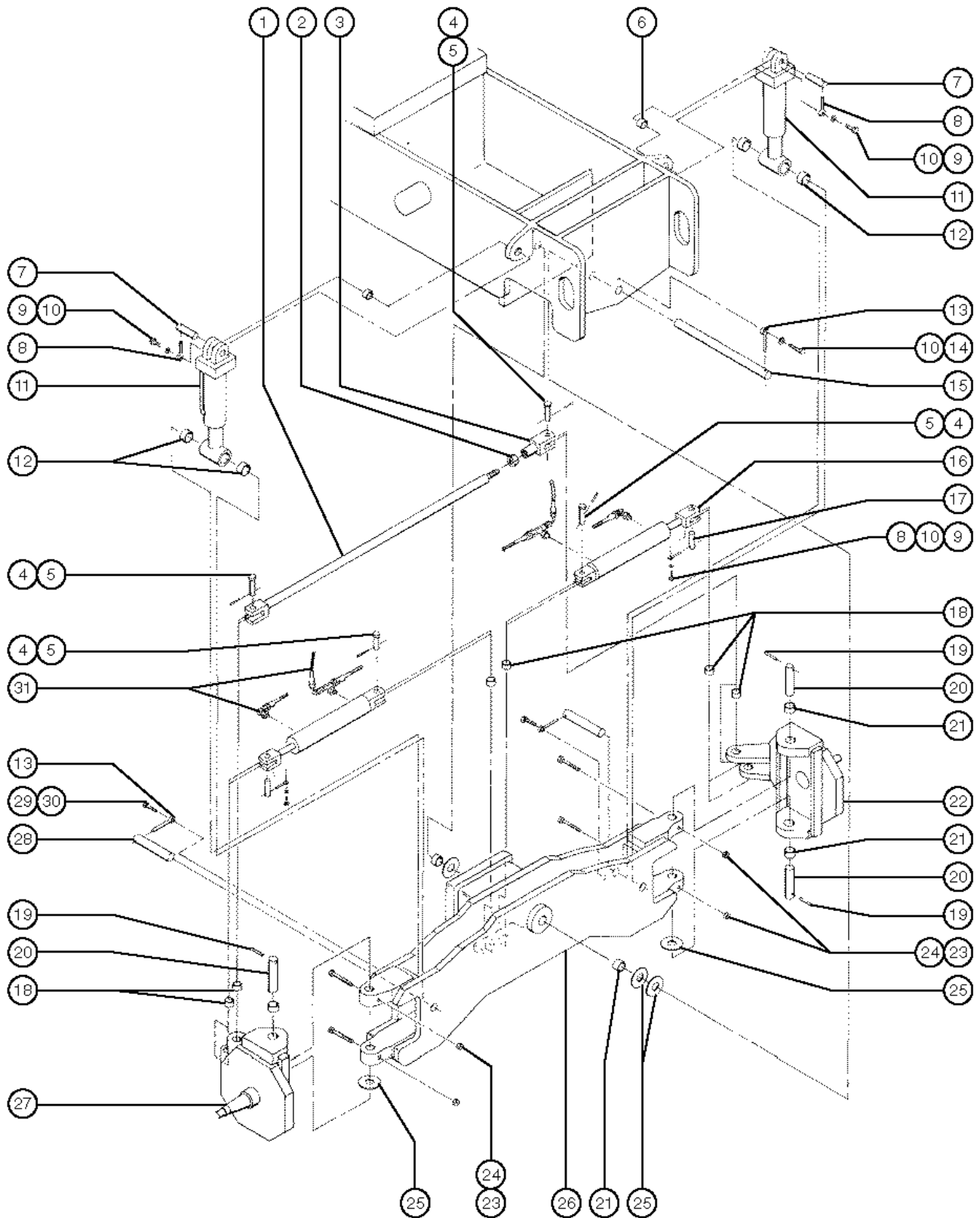
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                             | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------|-------------|
|             | 32762GT         | DECAL KIT,SAFETY/INSTR,S-40<br>does not include index numbers 1, 4, 5, 9 ..... |             |
|             | 30998GT         | DECAL KIT,COSMETIC,S40 .....                                                   |             |
|             | 32150GT         | PAINT, WET, GENIE BLUE (1 GL)** .....                                          |             |
|             | 1484GT          | PAINT, AEROSOL, BRIGHT BLUE*** .....                                           |             |
|             | 32151GT         | PAINT, WET, GENIE GRAY (1GL)** .....                                           |             |
|             | 1268GT          | PAINT, AEROSOL, GENIE GRAY*** .....                                            |             |
| 1           | 28235GT         | DECAL, POWER TO PLATFORM 115V** .....                                          | 1           |
| 1-          | 28174GT         | DECAL, POWER TO PLATFORM 230V** .....                                          | 1           |
| 2           | 28161GT         | DECAL,WARN,CRUSH HAZARD HAND .....                                             | 1           |
| 3           | 32702GT         | DECAL,NOTICE,OPERATING INSTRN .....                                            | 1           |
| 4           | 32657GT         | DECAL,PLATFORM CTRL PANEL*** .....                                             | 1           |
| 4-          | 32729GT         | DECAL,PLAT. CTRL, SYMBOLS ONLY .....                                           | 1           |
| 4-          | 32755GT         | DECAL,PROTECT,CLEAR,PLAT.S40** .....                                           | 1           |
| 5           | 32726GT         | DECAL,OPTION GLOW PLUGS*** .....                                               | 1           |
| 5-          | 32728GT         | DECAL,OPTION GENERATOR*** .....                                                | 1           |
| 6           | 97890GT         | DECAL,DANGER,GEN SAFETY RULES .....                                            | 2           |
| 7           | 28165GT         | DECAL,INSTRUCT,FOOTSWITCH OPER .....                                           | 1           |
| 8           | 30080GT         | DECAL,NOTICE,MAX LOAD 500 LBS .....                                            | 1           |
| 9           | 33550GT         | TAPE,WARNING,BLK/YEL, 50'*** .....                                             | 1<br>roll   |
| 10          | 28236GT         | DECAL,WARN,IMPROPER OPERATION .....                                            | 1           |
| 11          | 28176GT         | DECAL,LABEL,MANUAL NOT HERE .....                                              | 1           |
| 12          | 97887GT         | DECAL,INSTR,MAX SIDE FRC,ANSI .....                                            | 1           |
| 13          | 52968GT         | DECAL,COSMETIC,GENIE BOOM,VERT .....                                           | 2           |
| 14          | 32746GT         | DECAL,GENIE S-40, WHITE,SMALL .....                                            | 1           |
| 15          | 27207GT         | DECAL,TRIANGLE,YELLOW .....                                                    | 2           |
| 16          | 27205GT         | DECAL,ARROW YELLOW LRG 9" .....                                                | 1           |
| 17          | 27206GT         | DECAL,TRIANGLE,BLUE .....                                                      | 2           |
| 18          | 27204GT         | DECAL,ARROW BLUE .....                                                         | 1           |

102.1 Decals - View 2



| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 19   | 31060GT  | DECAL,DANGER DO NOT ALTER SWTC ..... | 1    |
| 20   | 27564GT  | DECAL,DANGER,ELEC.HAZ.STAY CLR ..... | 1    |

201.1 2WD Steer Axle Linkage - Oscillating

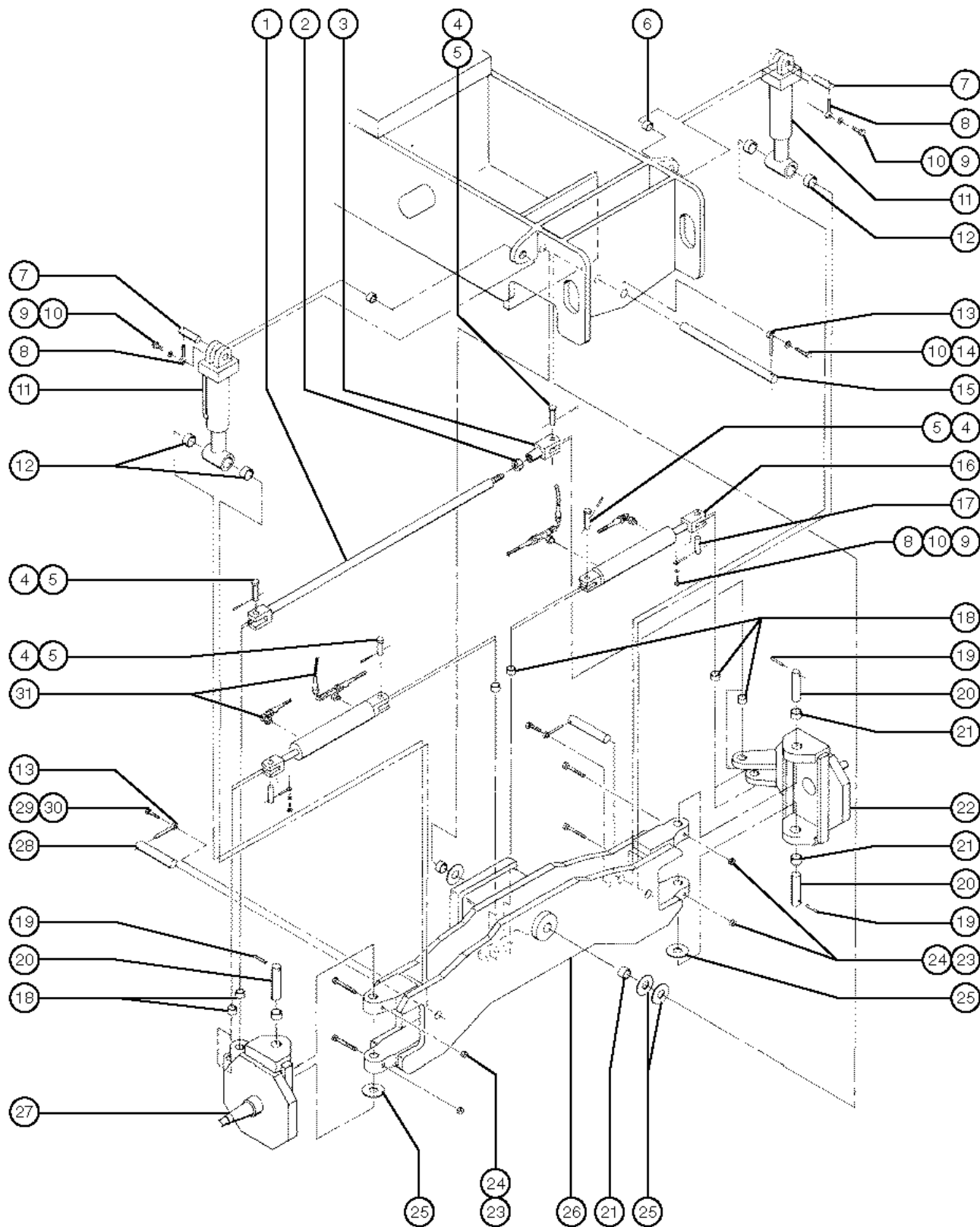




## 201.1 2WD Steer Axle Linkage - Oscillating

| Item | Part No.  | Description                                                                                                | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------|------|
| 1    | 30747GT   | TIE ROD, WELDMENT .....                                                                                    | 1    |
| 2    | 28352GT   | NUT,HEX,JAM,1-8 .....                                                                                      | 1    |
| 3    | 23154-SGT | WELDMENT,ROD END .....                                                                                     | 1    |
| 4    | 19440GT   | PIN,CLEVIS,1 X 2.5 LG .....                                                                                | 4    |
| 5    | 1294954GT | PIN,COTTER, .1875"X1.5" .....                                                                              | 4    |
| 6    | 30370GT   | BEARING,1.25IDX1.5ODX1.00L .....                                                                           | 2    |
| 7    | 30737GT   | PIN,1.25DIAX3.00LG,1HOLE .....                                                                             | 2    |
| 8    | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                                                              | 4    |
| 9    | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                                                                 | 4    |
| 10   | 6021GT    | WASHER, LOCK, .375 .....                                                                                   | 5    |
| 11   | 89099GT   | CYLINDER,OSCILLATE S40/45<br>includes 2 each index number 12 .....                                         | 2    |
| 11-  | 89100GT   | SEAL KIT,OSC.CYL.S40/S45,89099 .....                                                                       | 2    |
| 11-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000** .....                                                                       | 2    |
| 11-  | 31078GT   | SEAL KIT,HYDRAULIC CYLINDER***<br>for hydraulic cylinder number 59102 .....                                | 2    |
| 12   | 59266GT   | BEARING, POLYGON P2055 (59105) .....                                                                       | 4    |
| 12-  | 25683GT   | BEARING,POLYGON,20DU12 .....                                                                               | 4    |
| 13   | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                              | 3    |
| 14   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                                                        | 1    |
| 15   | 30735GT   | PIN, 1.50DIAX17.50LG, CHAMFER .....                                                                        | 1    |
| 16   | 58116GT   | UPDATE KIT STEERING S40/45<br>must use for first time replacement of hydraulic cylinder number 30585 ..... | 2    |
| 16-  | 1305757GT | CYLINDER, STEER .....                                                                                      |      |
| 16-  | 1298531GT | SEAL KIT, STEER CYL .....                                                                                  |      |
| 16-  | 89066GT   | SEAL KIT,STEER CYL (89065) .....                                                                           |      |
| 16-  | 32673GT   | SEAL KIT (CYL PN 30585) .....                                                                              |      |
| 17   | 30734GT   | PIN,1.00DIAX2.88LG,1HOLE .....                                                                             | 2    |
| 18   | 25817GT   | BEARING,1.00IDX1.25ODX1.00L .....                                                                          | 6    |
| 19   | 14815GT   | PIN,ROLL,SST,.25 X 2.25 .....                                                                              | 4    |
| 20   | 30736GT   | PIN,1.50 DIA X 4.76 LG.GES1360 .....                                                                       | 4    |

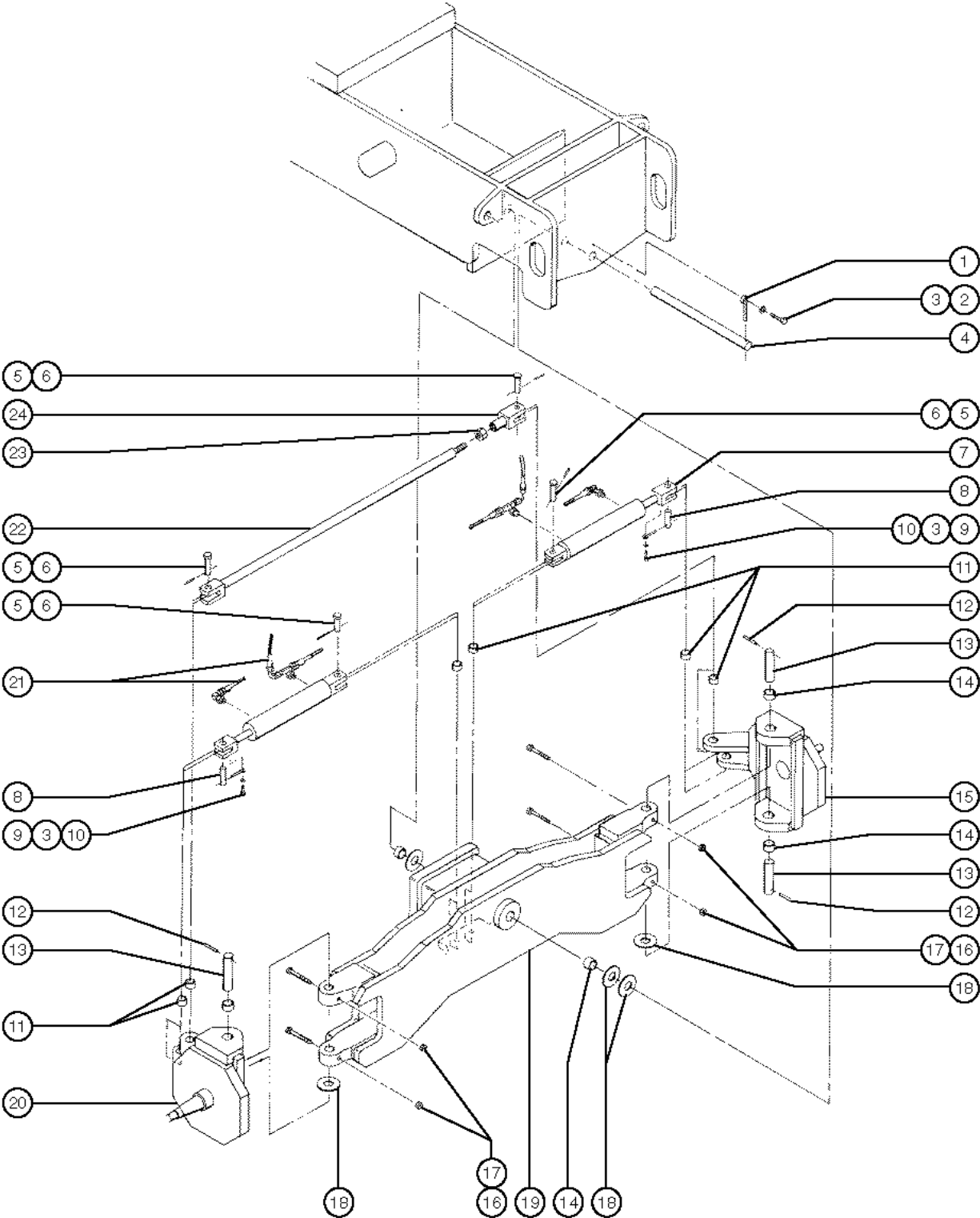
201.1 2WD Steer Axle Linkage - Oscillating



## 201.1 2WD Steer Axle Linkage - Oscillating

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                           | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------------------|-------------|
| 21          | 119619GT        | BEARING,1.5 ID X 1.75 ODX1.5L .....                                          | 6           |
| 22          | 32738-SGT       | YOKE ASSEMBLY,2WD L.H.,S40<br>includes 2 each index numbers 18 and 21 .....  | 1           |
| 23          | 6086GT          | NUT,LP NYLOCK,1/2-13 .....                                                   | 4           |
| 24          | 8220GT          | SCREW,HHC,1/2-13 X 4 .....                                                   | 4           |
| 25          | 45074GT         | WASHER,THRUST,1.5 X 3.5 X .187 .....                                         | 5           |
| 26          | 102192-SGT      | WELDMENT,FRT AXLE OSC,ASSY<br>includes 2 each index numbers 18 and 21 .....  | 1           |
| 27          | 65516GT         | YOKE ASSEMBLY 2WD S40 RIGHT<br>includes 2 each index numbers 18 and 21 ..... | 1           |
| 28          | 30190GT         | PIN,1.25DIAX7.25LG,1HOLE .....                                               | 2           |
| 29          | 5224GT          | SCREW,HHC,3/8-16 X 2 .....                                                   | 2           |
| 30          | 4828GT          | NUT, NYLOCK, 3/8-16 .....                                                    | 2           |
| 31          |                 | Ref. Hydraulic Hoses & Fittings (refer to figure 207.1) .....                | 2           |

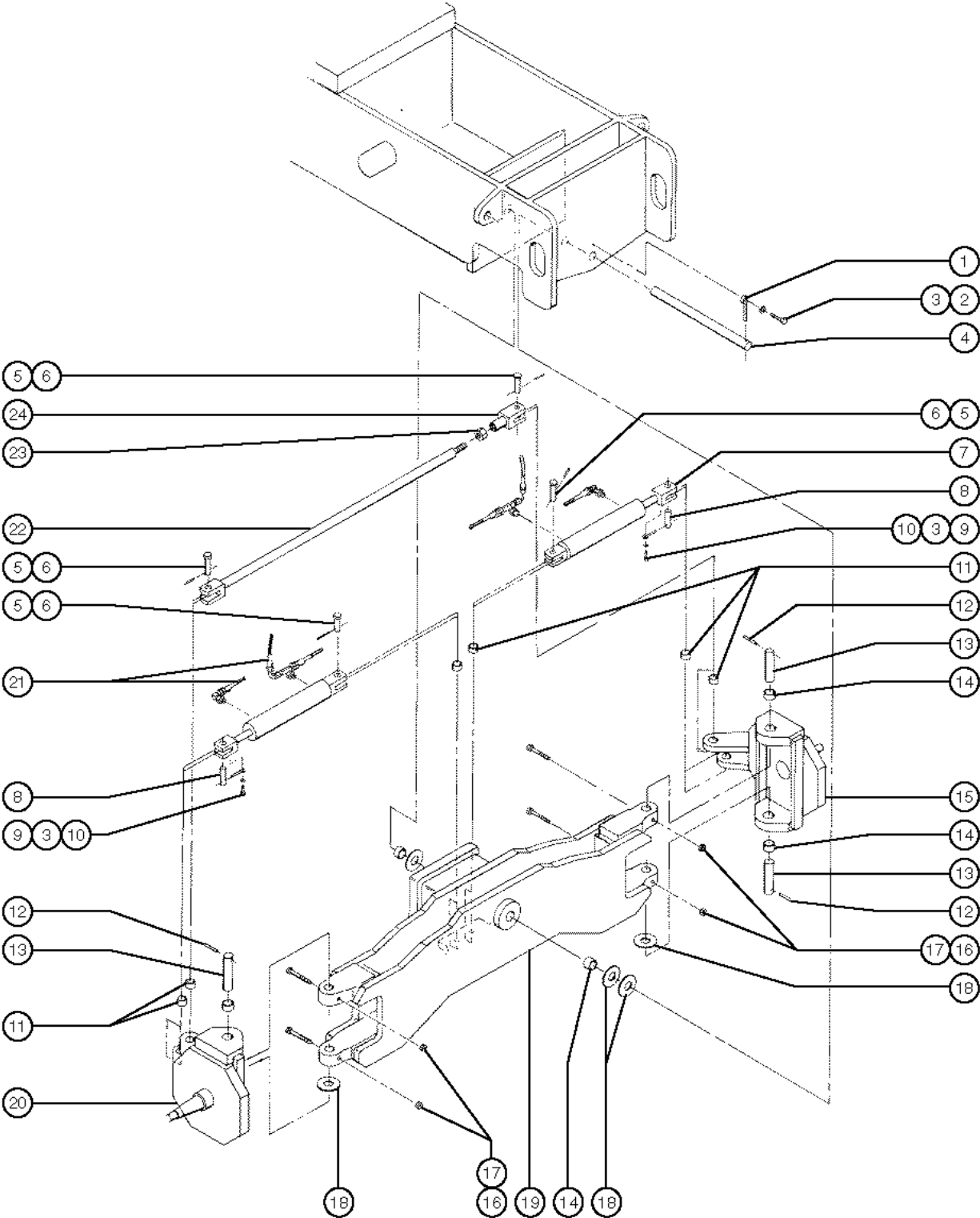
202.1 2WD Steer Axle Linkage - Non-oscillating



## 202.1 2WD Steer Axle Linkage - Non-oscillating

| Item | Part No.  | Description                                                                                                | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------|------|
|      |           | YOKE ASSEMBLY 2WD S40 RIGHT .....                                                                          |      |
| 1    | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                              | 1    |
| 2    | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                                                        | 1    |
| 3    | 6021GT    | WASHER, LOCK, .375 .....                                                                                   | 3    |
| 4    | 30735GT   | PIN, 1.50DIA X 17.50LG, CHAMFER .....                                                                      | 1    |
| 5    | 19440GT   | PIN,CLEVIS,1 X 2.5 LG .....                                                                                | 4    |
| 6    | 1294954GT | PIN,COTTER,.1875"X1.5" .....                                                                               | 4    |
| 7    | 58116GT   | UPDATE KIT STEERING S40/45<br>must use for first time replacement of hydraulic cylinder number 30585 ..... | 2    |
| 7-   | 1305757GT | CYLINDER, STEER .....                                                                                      | 2    |
| 7-   | 1298531GT | SEAL KIT, STEER CYL .....                                                                                  |      |
| 7-   | 89066GT   | SEAL KIT,STEER CYL (89065) .....                                                                           | 2    |
| 7-   | 32673GT   | SEAL KIT (CYL PN 30585) .....                                                                              | 2    |
| 8    | 30734GT   | PIN,1.00DIA X 2.88LG,1HOLE .....                                                                           | 2    |
| 9    | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                                                                 | 2    |
| 10   | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                                                              | 2    |
| 11   | 25817GT   | BEARING,1.00ID X 1.25OD X 1.00L .....                                                                      | 6    |
| 12   | 14815GT   | PIN,ROLL,SST,.25 X 2.25 .....                                                                              | 4    |
| 13   | 30736GT   | PIN,1.50 DIA X 4.76 LG.GES1360 .....                                                                       | 4    |
| 14   | 119619GT  | BEARING,1.5 ID X 1.75 ODX 1.5L .....                                                                       | 6    |
| 15   | 65515GT   | YOKE ASSEMBLY 2WD S40 LEFT<br>includes 2 each index numbers 11 and 14 .....                                | 1    |
| 16   | 6086GT    | NUT,LP NYLOCK,1/2-13 .....                                                                                 | 4    |
| 17   | 8220GT    | SCREW,HHC,1/2-13 X 4 .....                                                                                 | 4    |
| 18   | 45074GT   | WASHER,THRUST,1.5 X 3.5 X .187 .....                                                                       | 5    |
| 19   | 32652GT   | NON-OSCILATING STEER AXLE ASSY<br>includes 2 each index numbers 11 and 14 .....                            | 1    |
| 20   | 65516GT   | YOKE ASSEMBLY 2WD S40 RIGHT<br>includes 2 each index numbers 11 and 14 .....                               | 1    |
| 21   |           | Ref. Hydraulic Hoses & Fittings (refer to figure 208.1) .....                                              | 1    |
| 22   | 30747GT   | TIE ROD, WELDMENT .....                                                                                    | 1    |
| 23   | 28352GT   | NUT,HEX,JAM,1-8 .....                                                                                      | 1    |

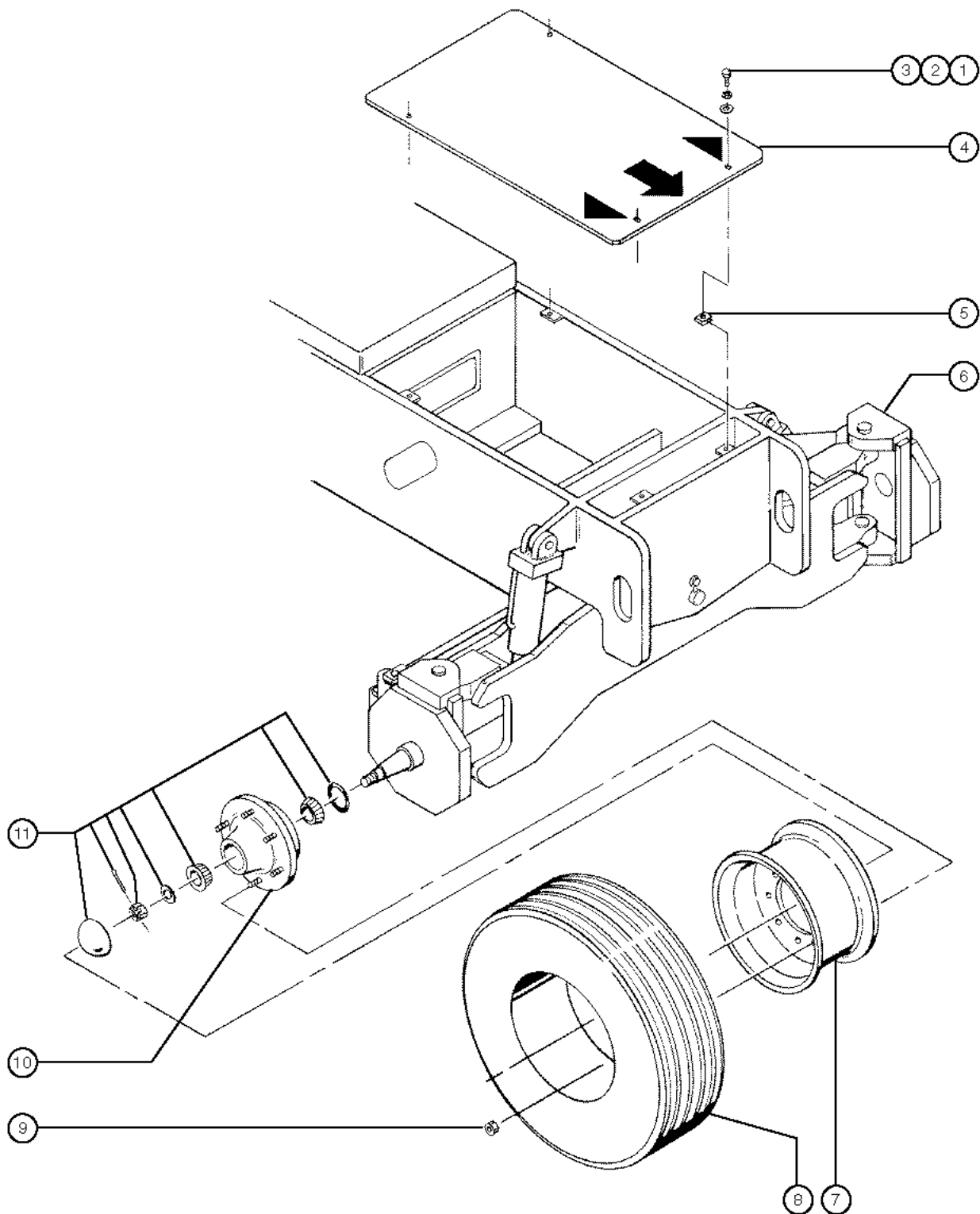
202.1 2WD Steer Axle Linkage - Non-oscillating



202.1 2WD Steer Axle Linkage - Non-oscillating

| Item | Part No.  | Description            | Qty. |
|------|-----------|------------------------|------|
| 24   | 23154-SGT | WELDMENT,ROD END ..... | 1    |

203.1 2WD Steer Axle

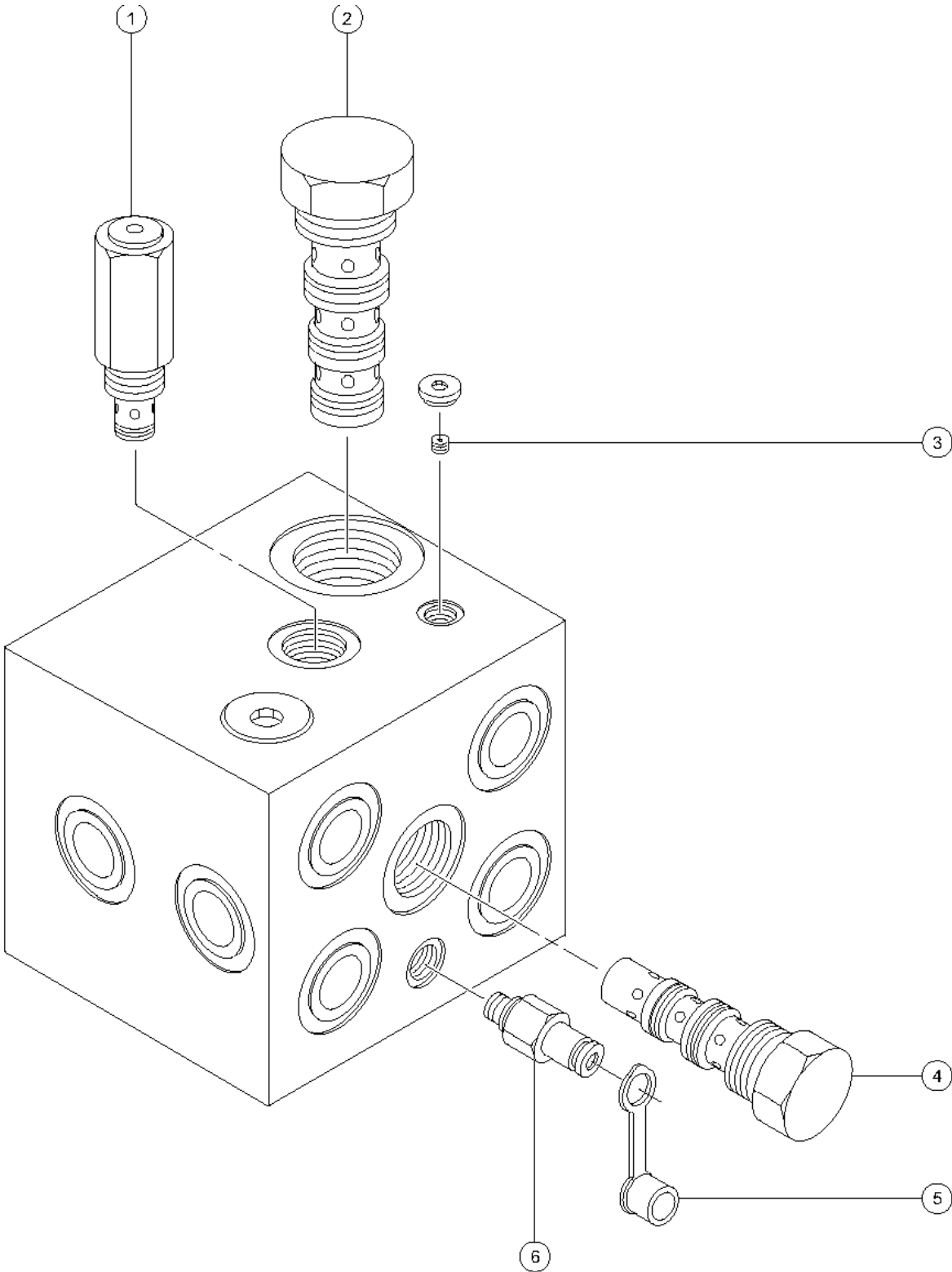




## 203.1 2WD Steer Axle

| Item | Part No.  | Description                                                         | Qty. |
|------|-----------|---------------------------------------------------------------------|------|
| 1    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                      | 4    |
| 2    | 6356GT    | WASHER, LOCK, .25 .....                                             | 4    |
| 3    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                      | 4    |
| 4    | 32676GT   | COVR W/DECLS,DR.CHAS.STR.END .....                                  | 1    |
| 5    | 56912GT   | SPRING CLIP, 1/4-20,.025-.15X.54,ZAG .....                          | 4    |
| 6    |           | Ref. 2WD Steer Axle Linkage (refer to figures 201.1 OR 202.1) ..... |      |
| 7    | 73199GT   | WHEEL, 16X10 .....                                                  | 2    |
| 8    | 1271441GT | TIRE/WHEEL ASSY,RH,12-16.5/10PR,FOAM .....                          | 2    |
|      |           | RT, Foam-filled, right (9 hole)                                     |      |
| 8A   | 1271440GT | TIRE/WHEEL ASSY,LH,12-16.5/10PR,FOAM .....                          | 2    |
|      |           | RT, Foam-filled, left (9 hole)                                      |      |
| 8B   | 30684GT   | TIRE & WHEEL ASSY,AIR,STEER. ....                                   | 2    |
|      |           | Industrial, Air-filled, Goodyear (from SN 1 to 134)                 |      |
| 8B-  | 30793GT   | TIRE,12.5L-16SL,12 PLY***** .....                                   |      |
|      |           | for 30684                                                           |      |
| 8C   | 73198GT   | TIRE & WHEEL ASSY (COMMENTS!)* .....                                | 2    |
|      |           | Industrial, Air-filled, Firestone (from SN 135 to 830)              |      |
| 8C-  | 33413GT   | TIRE,12.5L-16 SL,12 PLY**** .....                                   |      |
|      |           | for 33408                                                           |      |
| 9    | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                | 18   |
| 10   | 45043GT   | HUB ASSEMBLY MODEL#60-8*** .....                                    | 2    |
| 10-  | 21166GT   | LUG BOLT,5/8-18,WHEEL HUB*** .....                                  | 6    |
|      |           | for 45043                                                           |      |
| 11   | 45873GT   | SEAL/BEARING KIT (45043,54840) .....                                | 2    |
| 11-  | 45110GT   | SEAL-GREASE,MODEL 60-8 .....                                        | 2    |
| 11-  | 45107GT   | INNER CONE - MODEL 60-8 .....                                       | 2    |
|      |           | large bearing race not included                                     |      |
| 11-  | 45108GT   | OUTER CONE - MODEL 60-8 .....                                       | 2    |
|      |           | small bearing race not included                                     |      |
| 11-  | 40146GT   | BEARING RACE (SMALL) (45873) .....                                  | 2    |
|      |           | outer cone not included                                             |      |
| 11-  | 40145GT   | BEARING RACE (LARGE) (45873) .....                                  | 2    |
|      |           | inner cone not included                                             |      |
| 11-  | 45112GT   | WASHER,SPINDLE .....                                                | 2    |
| 11-  | 45113GT   | NUT,SPINDLE,1-14 .....                                              | 2    |
| 11-  | 45114GT   | PIN,COTTER,.219 X 1.75 .....                                        | 2    |
| 11-  | 45111GT   | CAP,DUST,45873 HUB KIT .....                                        | 2    |

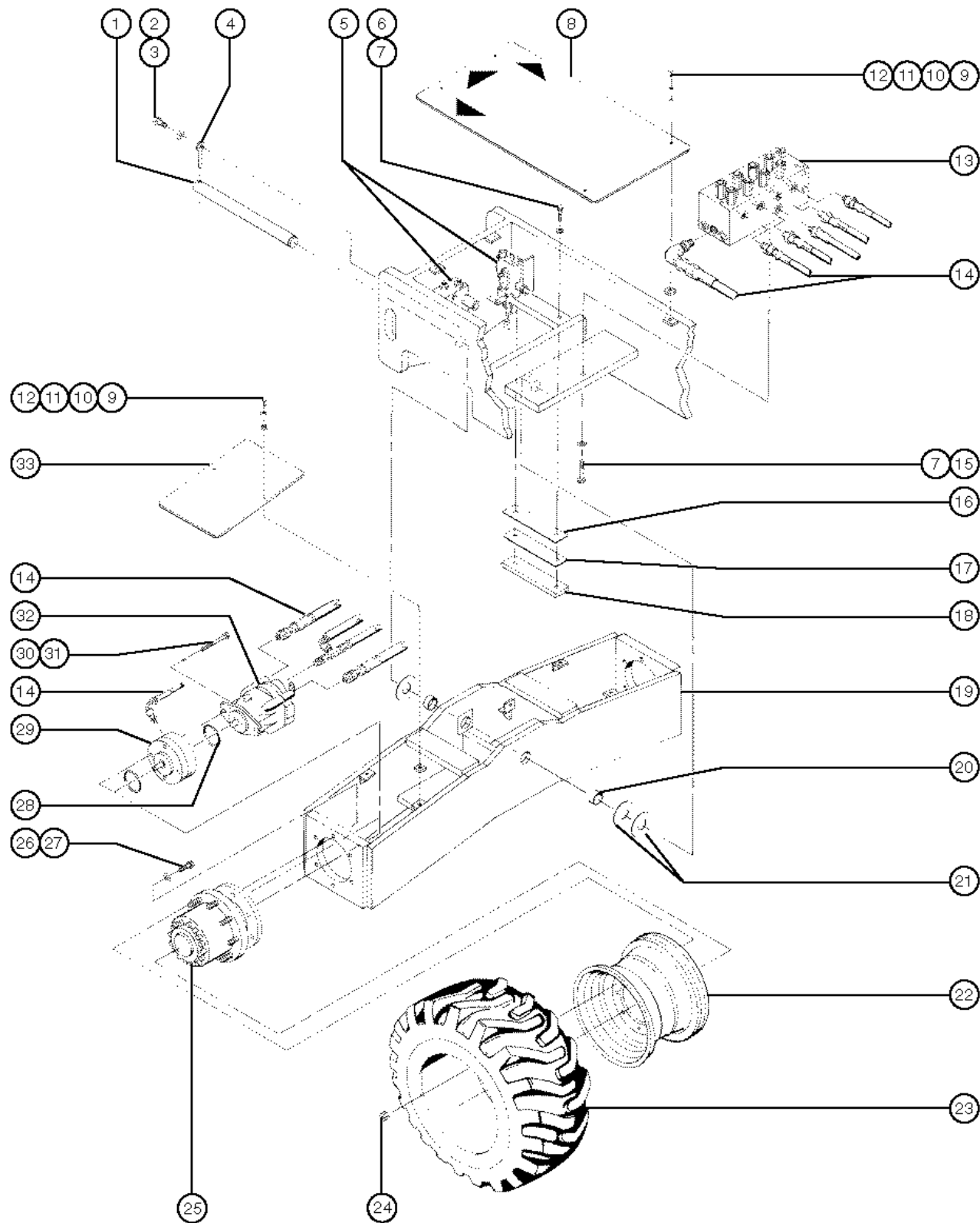
204.1 2WD Drive Manifold



## 204.1 2WD Drive Manifold

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                   | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------|-------------|
|             | 34448GT         | TRACTION MANIFOLD,2WD***<br>includes index numbers 1 through 4 ..... |             |
|             | 28750GT         | O-RING KIT,FIELD SVC,ALL PROD* .....                                 |             |
|             | 49612GT         | O-RING KIT (ORFS FITTINGS) .....                                     |             |
|             | 33994GT         | PLUG AND CAP KIT-SERVICE,37?*** .....                                |             |
|             | 49613GT         | PLUG AND CAP KIT-SERVICE,ORFS* .....                                 |             |
| 1           | 43597GT         | VALVE,RELIEF,210 PSI .....                                           | 1           |
| 2           | 52726GT         | VALVE,FLOW DIVIDER/COMBINER .....                                    | 1           |
| 3           | 33520GT         | PLUG,ORIFICE,0.070 .....                                             | 1           |
| 4           | 27761GT         | VALVE,SHUTTLE .....                                                  | 1           |
| 5           | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                                          | 1           |
| 6           | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                                           | 1           |
| 6-          | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                                      | 1           |

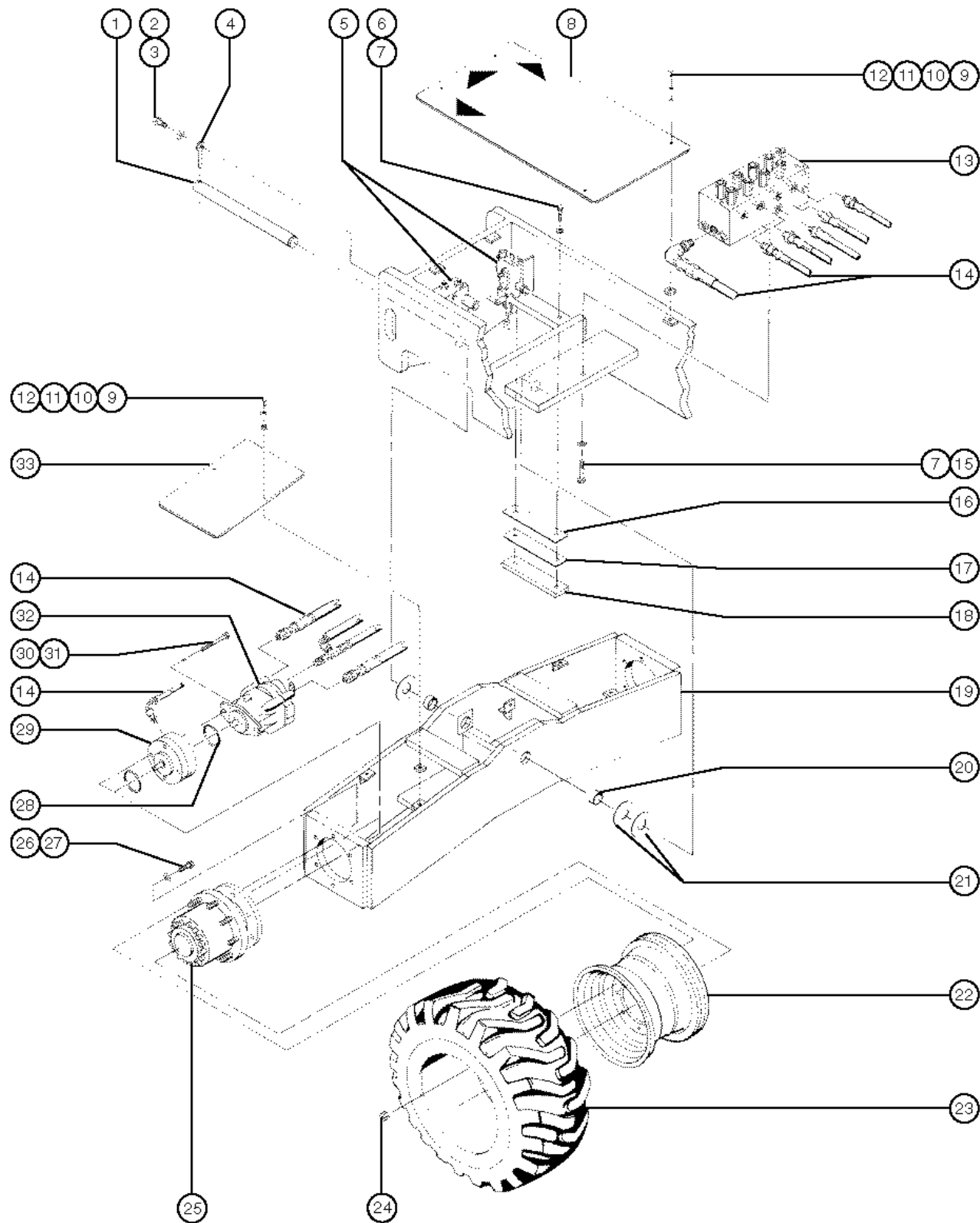
205.1 2WD Non-steer Axle



## 205.1 2WD Non-steer Axle

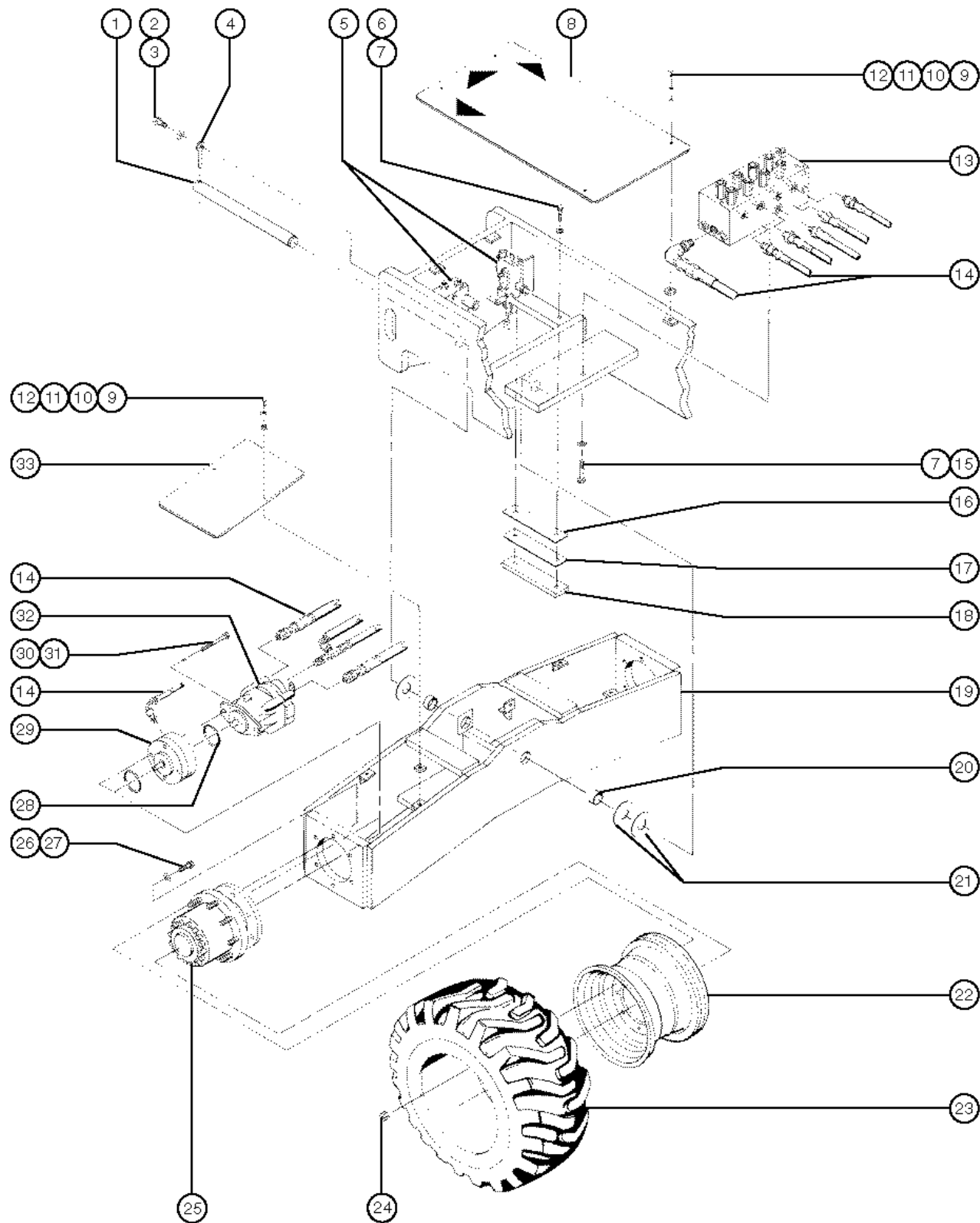
| Item | Part No.  | Description                                                         | Qty. |
|------|-----------|---------------------------------------------------------------------|------|
| 1    | 30735GT   | PIN, 1.50DIAX17.50LG, CHAMFER .....                                 | 1    |
| 2    | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                 | 1    |
| 3    | 6021GT    | WASHER, LOCK, .375 .....                                            | 1    |
| 4    | 825019GT  | ROD END, .375X3.69, ZAG .....                                       | 1    |
| 5    |           | Ref. Oscillate Manifolds (refer to 206.1) .....                     | 1    |
| 6    | 8177GT    | SCREW,HHC,1/2-13 X 1.5 .....                                        | 4    |
| 7    | 6033GT    | WASHER,LOCK,0.5" .....                                              | 7    |
| 8    | 32682GT   | COVR W/DECL,DR.CHAS.NONSTEER .....                                  | 1    |
| 9    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                      | 8    |
| 10   | 6356GT    | WASHER, LOCK, .25 .....                                             | 8    |
| 11   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                      | 8    |
| 12   | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                           | 8    |
| 13   |           | Ref. 2WD Drive Manifold (refer to 204.1) .....                      | 1    |
| 14   |           | Ref. Hydraulic Hoses & Fittings (refer to 205.1) .....              | 1    |
| 15   | 10597GT   | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                   | 3    |
| 16   | 30808GT   | SHIM,AXLE ROTATION STOP .....                                       | 3    |
| 17   | 30809GT   | SHIM,AXLE ROTATION STOP,22 GA. ....                                 | 4    |
| 18   | 30690GT   | BAR,AXLE ROTATION STOP,OSC. **<br>oscillating models .....          | 2    |
| 18-  | 30691GT   | BAR,AXLE ROTATION STOP,NON-OSC<br>non-oscillating models .....      | 2    |
| 19   | 32653GT   | NON-STEER AXLE ASSY,S40<br>includes 2 each index number 20 .....    | 1    |
| 20   | 18396GT   | BEARING,1.5IDX1.75ODX1.0L .....                                     | 2    |
| 21   | 45074GT   | WASHER,THRUST,1.5 X 3.5 X .187 .....                                | 3    |
| 22   | 122348GT  | WHEEL, 16.5 X 9.75 S40 .....                                        | 2    |
| 23   | 30814GT   | TIRE & WHEEL ASSY.RIGHT,FOAM<br>RT, Foam-filled, right .....        | 1    |
| 23A- | 30815GT   | TIRE & WHEEL ASSY.LEFT,FOAM<br>RT, Foam-filled, left .....          | 1    |
| 24   | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                | 18   |
| 25   | 20193GT   | TORQUE HUB,35:1***<br>(Seal Kit 1286606, Bearing Kit 1286607) ..... | 2    |
| 25-  | 1286606GT | SEAL KIT,TORQUE HUB (20193)<br>for 20193 .....                      |      |

205.1 2WD Non-steer Axle



| Item | Part No.  | Description                                                                                                                | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------------------------------|------|
| 25-  | 1286606GT | SEAL KIT,TORQUE HUB (20193) .....<br>for 20193                                                                             |      |
| 25-  | 21149GT   | LUG,WHEEL STUD,5/8-18,W1/4HB** .....<br>for 20193                                                                          | 2    |
| 25-  | 21143GT   | BEARING KIT (45553) TORQUE HUB .....<br>for 20193 (inventory limited to stock on hand as component is no longer available) | 2    |
| 25-  | 1286607GT | BEARING KIT,TORQUE HUB (20193) .....<br>for 20193                                                                          |      |
| 25-  | 37097GT   | O-RING, TORQUE HUB .....<br>included in Seal Kit part number 21142                                                         | 2    |
| 25-  | 21148GT   | WASHER,THRUST,TORQUE HUB .....<br>for 20193                                                                                | 2    |
| 25-  | 21146GT   | COVER CAP,TORQUE HUB*** .....<br>for 20193                                                                                 | 2    |
| 25-  | 21144GT   | CAP,DISENGAGE-45553 TORQUE HUB .....<br>for 20193                                                                          | 2    |
| 25-  | 21145GT   | DISCONNECT ROD-45553 TQ.HUB .....<br>for 20193                                                                             | 2    |
| 25-  | 58438GT   | KIT,COVER,TORQUE HUB,45553*** .....<br>for 20193                                                                           | 2    |
| 25-  | 58589GT   | THRUST CAP (20193) .....<br>for 20193                                                                                      |      |
| 26   | 45066GT   | SCREW,SHC,5/8-11 X 2.25 .....<br>                                                                                          | 12   |
| 27   | 13064GT   | WASHER,FLAT,.625 HARDENED .....<br>                                                                                        | 12   |
| 28   | 52087GT   | O-RING,2-044 BUNA*** .....<br>                                                                                             |      |
| 28   | 22811GT   | O-RING,MOTOR TO BRAKE*** .....<br>                                                                                         | 4    |
| 29   | 41912GT   | BRAKE,MICO,1200 IN/LB*** .....<br>includes 1 each of index number 28                                                       | 2    |
| 29-  | 41921GT   | SEAL KIT,BRAKE,MICO .....<br>                                                                                              | 2    |
| 29-  | 41918GT   | LINING KIT,MICO BRAKE .....<br>                                                                                            | 2    |
| 29-  | 41922GT   | BEARING KIT,BRAKE,MICO .....<br>                                                                                           | 2    |
| 29-  | 72319GT   | SPRING (RED) MICO .....<br>For 41912; 8 required per brake                                                                 |      |
| 29-  | 29291GT   | SEAL KIT,MICO .....<br>                                                                                                    | 2    |
| 29-  | 29292GT   | BRAKE,LINING KIT,MICO .....<br>                                                                                            | 2    |
| 29-  | 29293GT   | BEARING KIT,MICO .....<br>                                                                                                 | 2    |
| 30   | 7261GT    | SCREW,HHC,1/2-13 X 5 BLACK .....<br>                                                                                       | 4    |
| 31   | 13066GT   | WASHER,FLAT,.5 HARDENED .....<br>                                                                                          | 4    |
| 32   | 41398GT   | MOTOR,HYDRAULIC,AXIAL PORTS*** .....<br>                                                                                   | 2    |
| 32-  | 32680GT   | SEAL KIT,SUNSTRAND .....<br>                                                                                               | 2    |
| 32-  | 22811GT   | O-RING,MOTOR TO BRAKE*** .....<br>measures approx 4" x 0.10"                                                               | 2    |

205.1 2WD Non-steer Axle



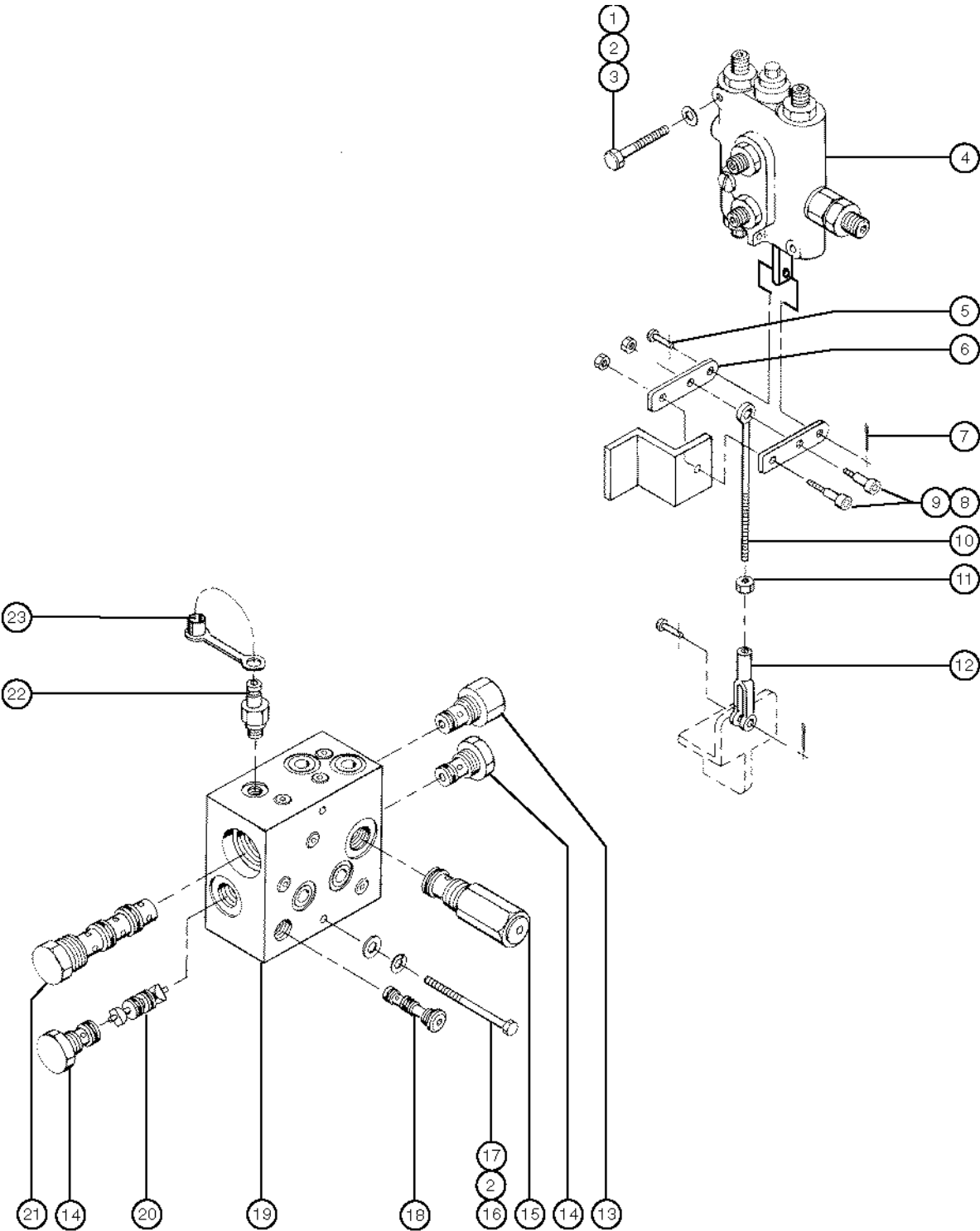


205.1 2WD Non-steer Axle

| Item | Part No.   | Description                       | Qty. |
|------|------------|-----------------------------------|------|
| 32-  | 32680GT    | SEAL KIT,SUNSTRAND .....          | 2    |
| 33   | 30802P-SGT | COVER,NON-STEER AXLE "BLUE" ..... | 2    |



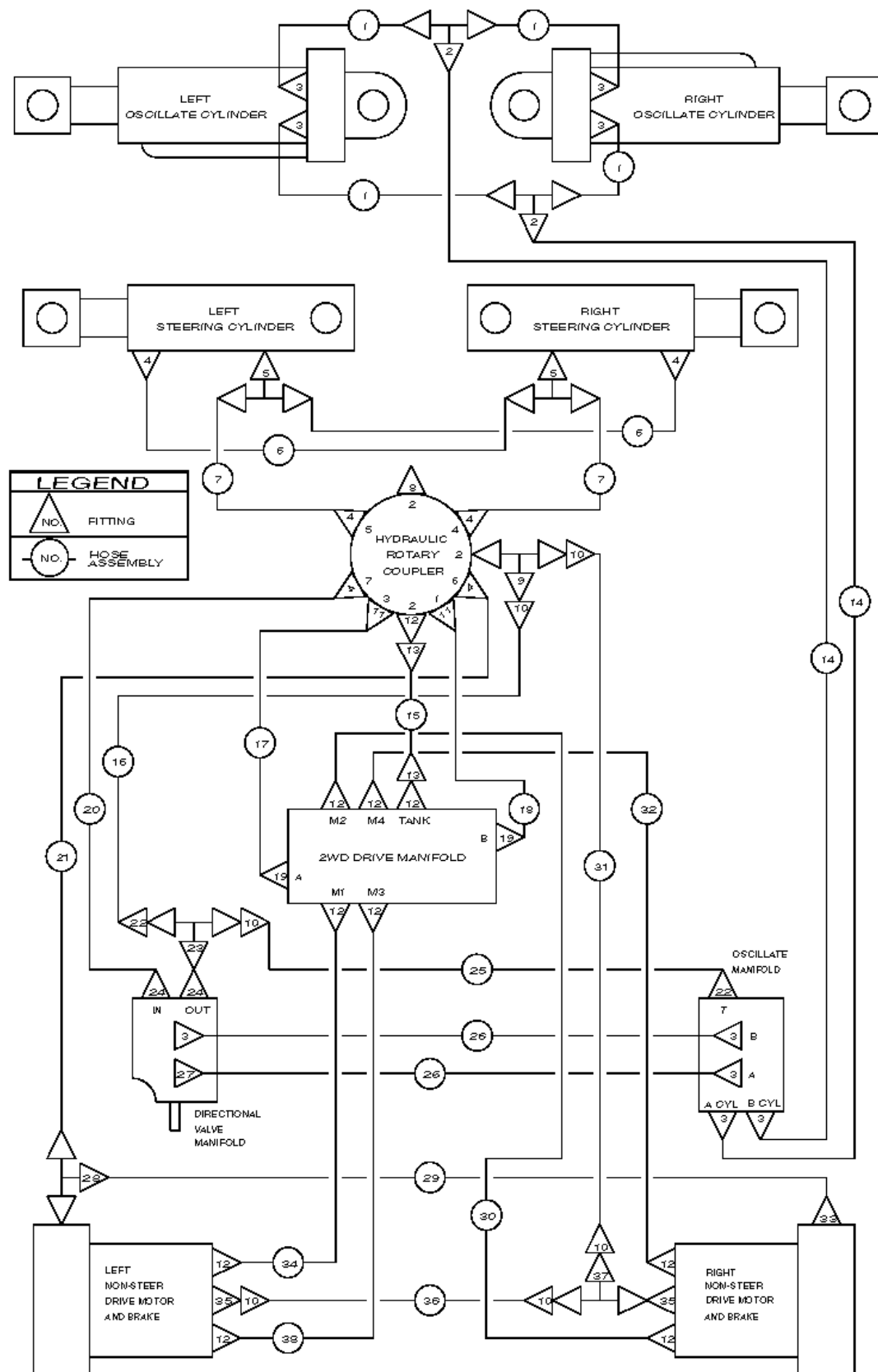
206.1 2WD Oscillate Manifolds



## 206.1 2WD Oscillate Manifolds

| Item | Part No. | Description                                                               | Qty. |
|------|----------|---------------------------------------------------------------------------|------|
| 1    | 6884GT   | SCREW,HHC,1/4-20 X 2.5 .....                                              | 2    |
| 2    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                            | 4    |
| 3    | 6091GT   | NUT, NYLOCK, 1/4-20 .....                                                 | 4    |
| 4    | 30558GT  | VLV,MAN,3 POS/4 WAY,OPEN CTR .....                                        | 1    |
| 4-   | 32681GT  | SEAL KIT,CONTROL VALVE .....                                              | 1    |
| 5    | 6584GT   | SCREW,SHS,10-24 X .625 .....                                              | 1    |
| 6    | 30884GT  | OSCILLATE VALVE LINKAGE .....                                             | 2    |
| 7    | 2161GT   | PIN,COTTER,.063 X 1 .....                                                 | 1    |
| 8    | 6584GT   | SCREW,SHS,10-24 X .625 .....                                              | 2    |
| 9    | 5365GT   | NUT,NYLOCK,10-24 .....                                                    | 3    |
| 10   |          | LINKAGE ROD<br>no longer available .....                                  | 1    |
| 11   | 21496GT  | NUT,HEX,1/4-28 .....                                                      | 1    |
| 12   | 21130GT  | CLEVIS YOKE-1/4-28,PLTD W/PIN<br>includes clevis pin and cotter pin ..... | 1    |
| 13   | 27532GT  | VALVE,DIFFERENTIAL SENSING .....                                          | 1    |
| 14   | 32725GT  | VALVE,CHECK (30797) .....                                                 | 2    |
| 15   | 27531GT  | VALVE,PILOT OPERATED .....                                                | 1    |
| 16   | 12343GT  | SCREW,HHC,1/4-20 X 3 .....                                                | 2    |
| 17   | 6356GT   | WASHER, LOCK, .25 .....                                                   | 2    |
| 18   | 45483GT  | VALVE,SHUTTLE*** .....                                                    | 1    |
| 19   | 30797GT  | MANIFOLD,OSCILLATION<br>includes index numbers 12-14, 17-20 .....         | 1    |
| 19-  | 25375GT  | KIT, O-RING .....                                                         | 1    |
| 20   | 32724GT  | PISTON (30797) .....                                                      | 1    |
| 21   | 32723GT  | VALVE,SHUTTLE (30797) .....                                               | 1    |
| 22   | 48997GT  | NIPPLE,DIAGNOSTIC,#4 .....                                                | 1    |
| 22-  | 20224GT  | DIAGNOSTIC FEMALE Q-DSCNT .....                                           | 1    |
| 23   | 48880GT  | CAP,DIAGNOSTIC NIPPLE .....                                               | 1    |

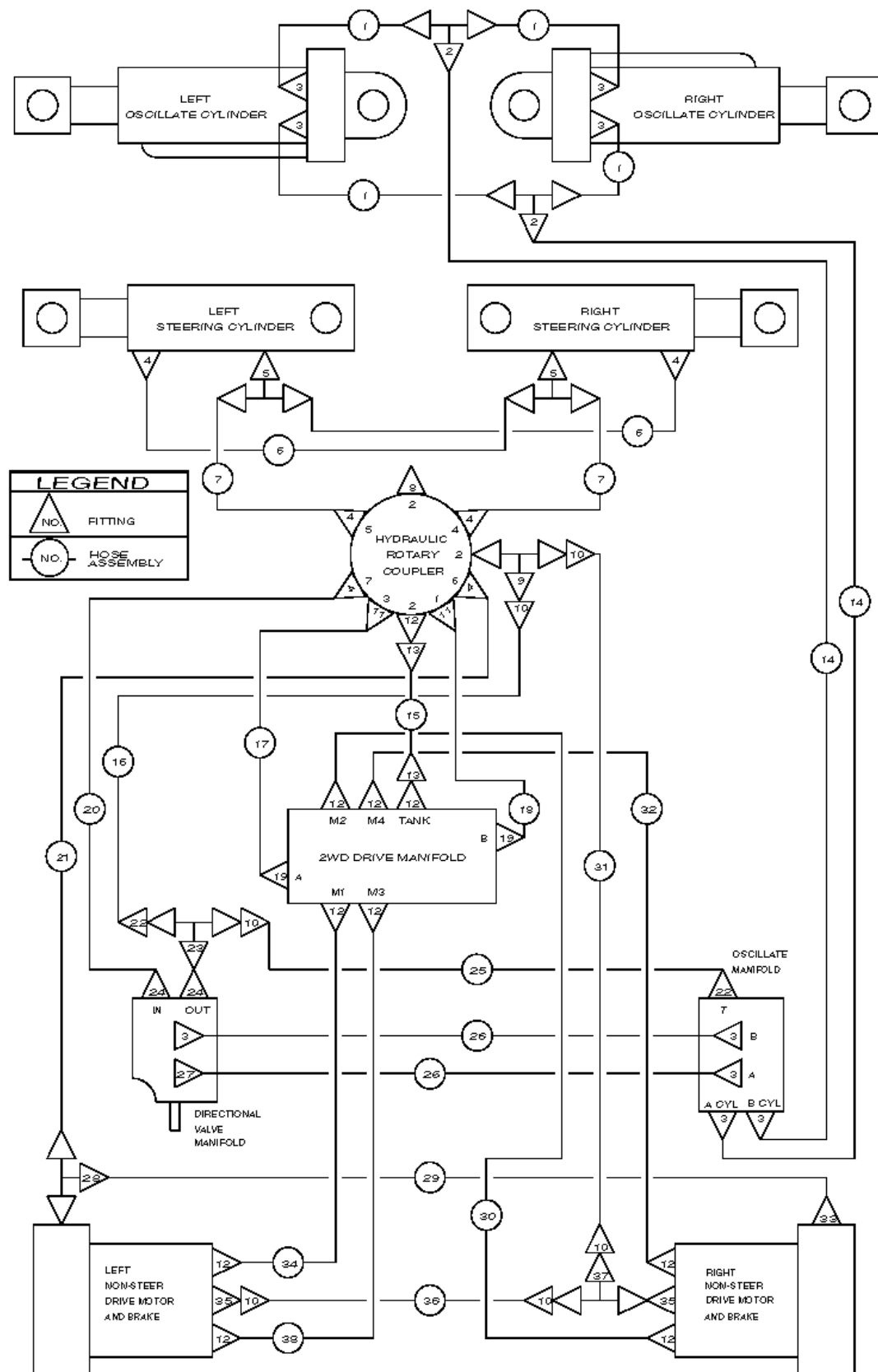
## 207.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle



## 207.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 30837GT         | HOSE ASSEMBLY,25" .....              | 4           |
| 2           | 34727GT         | TEE,UNION,070401-6 .....             | 2           |
| 3           | 45412GT         | CONNECTOR,070120-6-6 .....           | 9           |
| 4           | 13120GT         | ELBOW,070220-6-6 .....               | 6           |
| 5           | 45705GT         | TEE,BRANCH,070429-6-6 .....          | 2           |
| 6           | 30849GT         | HOSE ASSEMBLY,22.5" .....            | 2           |
| 7           | 30850GT         | HOSE ASSEMBLY,64.5" .....            | 2           |
| 8           | 28452GT         | PLUG,HEX HEAD,090109A-8 .....        | 1           |
| 9           | 20334GT         | TEE,RUN,070428-8 .....               | 1           |
| 10          | 20324GT         | HOSE END,BARBED,SWIVEL,-8-8 .....    | 6           |
| 11          | 45350GT         | ELBOW,070320-12-12 .....             | 2           |
| 12          | 19687GT         | CONNECTOR,070120-12-12 .....         | 10          |
| 13          | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 2           |
| 14          | 30838GT         | HOSE ASSEMBLY,108" .....             | 2           |
| 15          | 30847GT         | HOSE ASSEMBLY,19" .....              | 1           |
| 16          | 30834GT         | HOSE ASSEMBLY,55" .....              | 1           |
| 17          | 30843GT         | HOSE ASSEMBLY,25" .....              | 1           |
| 18          | 30955GT         | HOSE ASSEMBLY,23" .....              | 1           |
| 19          | 20925GT         | ELBOW,070220-12-12 .....             | 2           |
| 20          | 30835GT         | HOSE ASSEMBLY,56" .....              | 1           |
| 21          | 30845GT         | HOSE ASSEMBLY,75" .....              | 1           |
| 22          | 28597GT         | HOSE END,BARBED,SWIVEL,90DEG-8 ..... | 2           |
| 23          | 20328GT         | TEE,BRANCH,070433-8 .....            | 1           |
| 24          | 20923GT         | CONNECTOR,070120-8-6 .....           | 2           |
| 25          | 30836GT         | HOSE ASSEMBLY,10.5" .....            | 1           |
| 26          | 30839GT         | HOSE ASSEMBLY,15" .....              | 2           |
| 27          | 45411GT         | ELBOW,070320-6-6 .....               | 1           |
| 28          | 23802GT         | TEE,RUN,070428-4-4 .....             | 1           |

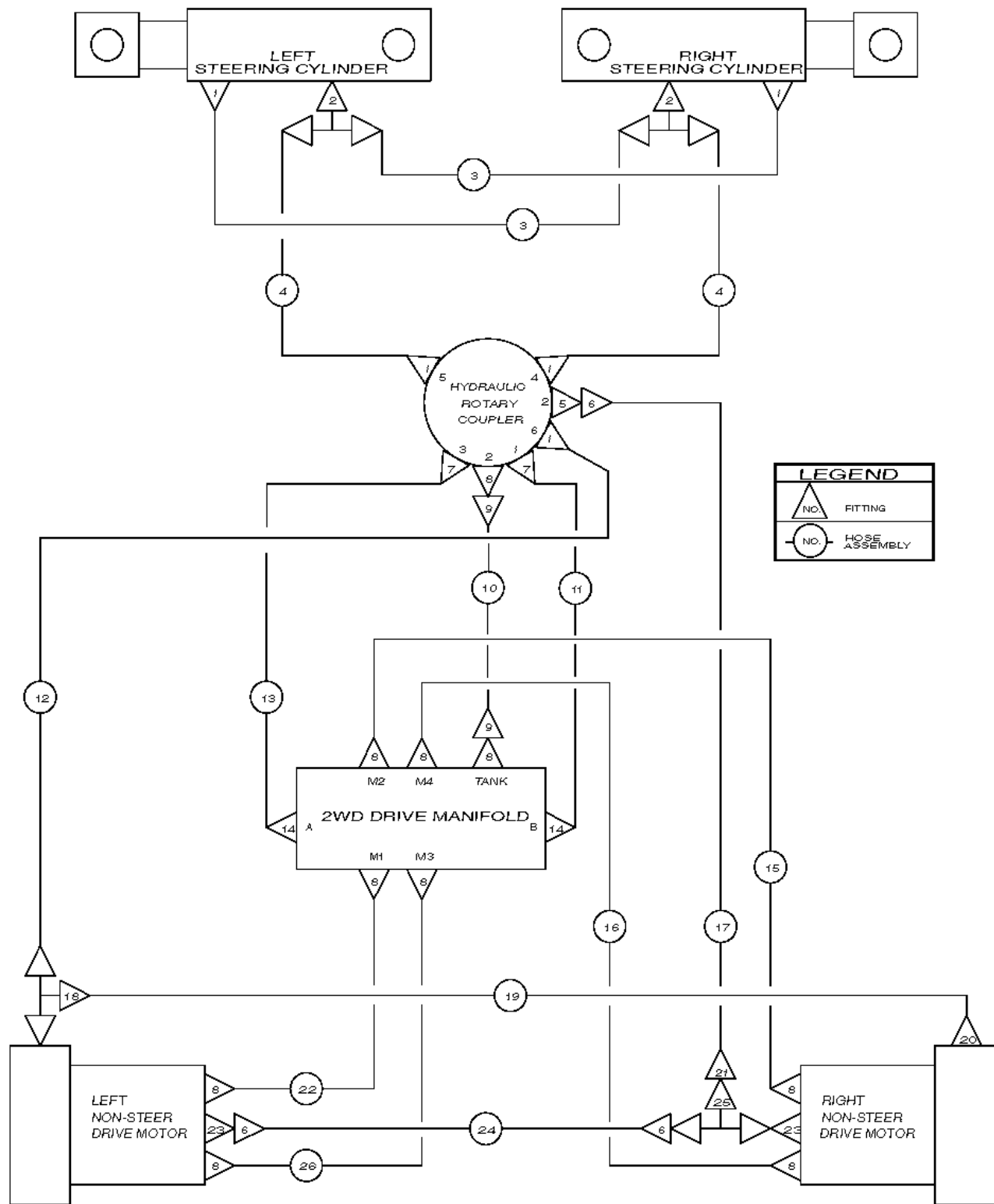
## 207.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle



## 207.1 2WD Hydraulic Hoses and Fittings - Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------|-------------|
| 29          | 30846GT         | HOSE ASSEMBLY,61" .....     | 1           |
| 30          | 30956GT         | HOSE ASSEMBLY,57" .....     | 1           |
| 31          | 30954GT         | HOSE ASSEMBLY,66" .....     | 1           |
| 32          | 30957GT         | HOSE ASSEMBLY,61" .....     | 1           |
| 33          | 13921GT         | ELBOW,070220-4-4 .....      | 1           |
| 34          | 30841GT         | HOSE ASSEMBLY,34.5" .....   | 1           |
| 35          | 22665GT         | CONNECTOR,070120-8-10 ..... | 2           |
| 36          | 30848GT         | HOSE ASSEMBLY,43" .....     | 1           |
| 37          | 21252GT         | TEE,RUN,070432-8 .....      | 1           |
| 38          | 30842GT         | HOSE ASSEMBLY,40.5" .....   | 1           |

## 208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle

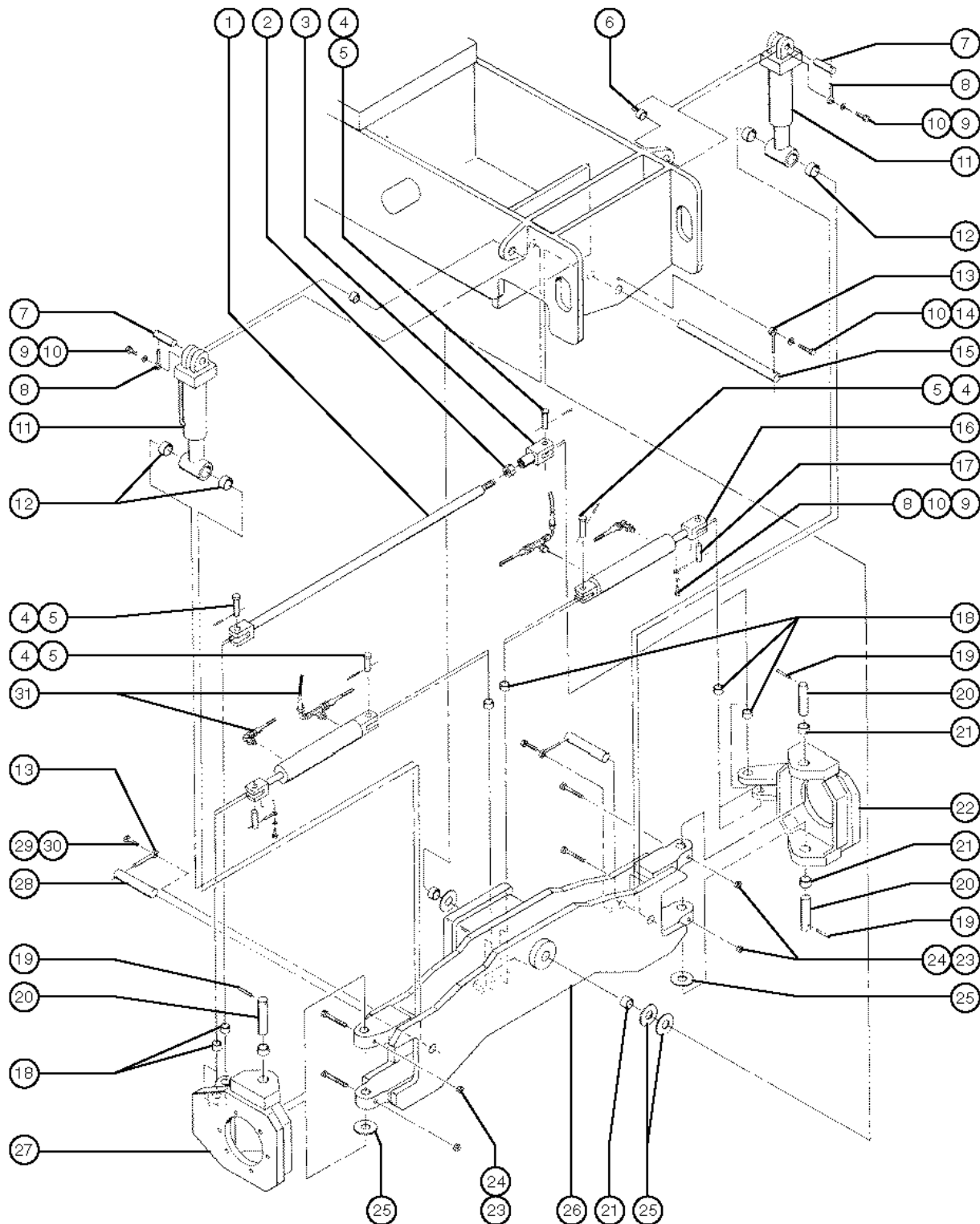




## 208.1 2WD Hydraulic Hoses and Fittings - Non-oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 13120GT         | ELBOW,070220-6-6 .....               | 5           |
| 2           | 45705GT         | TEE,BRANCH,070429-6-6 .....          | 2           |
| 3           | 30849GT         | HOSE ASSEMBLY,22.5" .....            | 2           |
| 4           | 30850GT         | HOSE ASSEMBLY,64.5" .....            | 2           |
| 5           | 45703GT         | CONNECTOR,070120-8-8 .....           | 1           |
| 6           | 20324GT         | HOSE END,BARBED,SWIVEL,-8-8 .....    | 3           |
| 7           | 45350GT         | ELBOW,070320-12-12 .....             | 2           |
| 8           | 19687GT         | CONNECTOR,070120-12-12 .....         | 10          |
| 9           | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 2           |
| 10          | 30847GT         | HOSE ASSEMBLY,19" .....              | 1           |
| 11          | 30955GT         | HOSE ASSEMBLY,23" .....              | 1           |
| 12          | 30845GT         | HOSE ASSEMBLY,75" .....              | 1           |
| 13          | 30843GT         | HOSE ASSEMBLY,25" .....              | 1           |
| 14          | 20925GT         | ELBOW,070220-12-12 .....             | 2           |
| 15          | 30957GT         | HOSE ASSEMBLY,61" .....              | 1           |
| 16          | 30956GT         | HOSE ASSEMBLY,57" .....              | 1           |
| 17          | 30954GT         | HOSE ASSEMBLY,66" .....              | 1           |
| 18          | 23802GT         | TEE,RUN,070428-4-4 .....             | 1           |
| 19          | 30846GT         | HOSE ASSEMBLY,61" .....              | 1           |
| 20          | 13921GT         | ELBOW,070220-4-4 .....               | 1           |
| 21          | 28597GT         | HOSE END,BARBED,SWIVEL,90DEG-8 ..... | 1           |
| 22          | 30841GT         | HOSE ASSEMBLY,34.5" .....            | 1           |
| 23          | 22665GT         | CONNECTOR,070120-8-10 .....          | 2           |
| 24          | 30848GT         | HOSE ASSEMBLY,43" .....              | 1           |
| 25          | 21252GT         | TEE,RUN,070432-8 .....               | 1           |
| 26          | 30842GT         | HOSE ASSEMBLY,40.5" .....            | 1           |

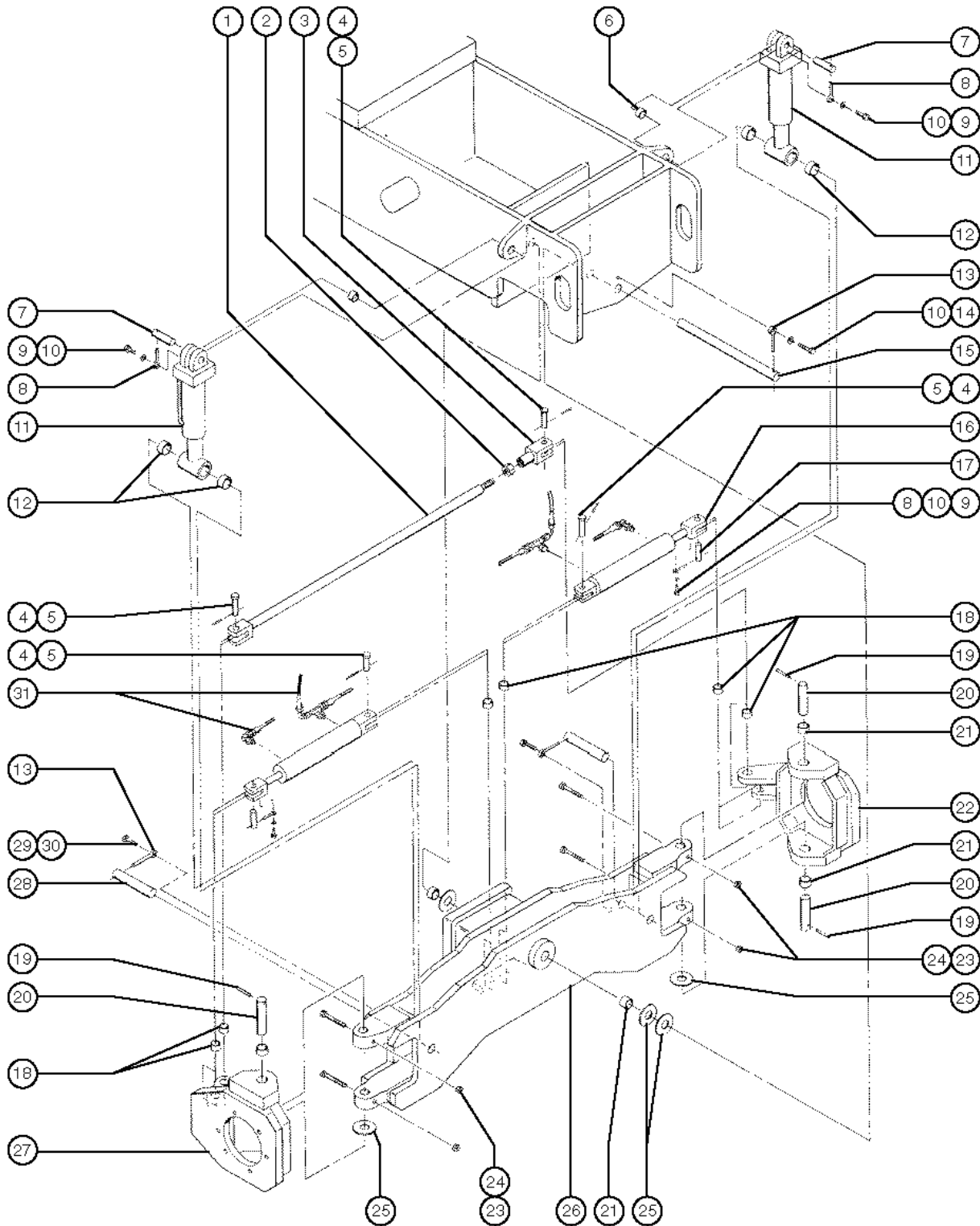
## 301.1 4WD Steer Axle Linkage - Oscillating



## 301.1 4WD Steer Axle Linkage - Oscillating

| Item | Part No.  | Description                                                                                                | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------|------|
| 1    | 30747-SGT | TIE ROD, WELDMENT .....                                                                                    | 1    |
| 2    | 28352GT   | NUT,HEX,JAM,1-8 .....                                                                                      | 1    |
| 3    | 23154-SGT | WELDMENT,ROD END .....                                                                                     | 1    |
| 4    | 19440GT   | PIN,CLEVIS,1 X 2.5 LG .....                                                                                | 4    |
| 5    | 1294954GT | PIN,COTTER,.1875"X1.5" .....                                                                               | 4    |
| 6    | 30370GT   | BEARING,1.25IDX1.5ODX1.00L .....                                                                           | 2    |
| 7    | 30737GT   | PIN,1.25DIAX3.00LG,1HOLE .....                                                                             | 2    |
| 8    | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                                                              | 4    |
| 9    | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                                                                 | 4    |
| 10   | 6021GT    | WASHER, LOCK, .375 .....                                                                                   | 5    |
| 11   | 89099GT   | CYLINDER,OSCILLATE S40/45<br>includes 2 each index number 12 .....                                         | 2    |
| 11-  | 89100GT   | SEAL KIT,OSC.CYL.S40/S45,89099 .....                                                                       | 2    |
| 11-  | 31106GT   | VALVE,CNTERBAL,CBBB-LHN@3000** .....                                                                       | 2    |
| 11-  | 31078GT   | SEAL KIT,HYDRAULIC CYLINDER*** .....                                                                       | 2    |
| 12   | 59266GT   | BEARING, POLYGON P2055 (59105) .....                                                                       | 4    |
| 12-  | 25683GT   | BEARING,POLYGON,20DU12 .....                                                                               | 4    |
| 13   | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                              | 3    |
| 14   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                                                        | 1    |
| 15   | 30735GT   | PIN, 1.50DIAX17.50LG, CHAMFER .....                                                                        | 1    |
| 16   | 58116GT   | UPDATE KIT STEERING S40/45<br>must use for first time replacement of hydraulic cylinder number 30585 ..... | 2    |
| 16-  | 1305757GT | CYLINDER, STEER .....                                                                                      | 2    |
| 16-  | 1298531GT | SEAL KIT, STEER CYL .....                                                                                  |      |
| 16-  | 89066GT   | SEAL KIT,STEER CYL (89065) .....                                                                           | 2    |
| 16-  | 32673GT   | SEAL KIT (CYL PN 30585) .....                                                                              | 2    |
| 17   | 30734GT   | PIN,1.00DIAX2.88LG,1HOLE .....                                                                             | 2    |
| 18   | 25817GT   | BEARING,1.00IDX1.25ODX1.00L .....                                                                          | 6    |
| 19   | 14815GT   | PIN,ROLL,SST,.25 X 2.25 .....                                                                              | 4    |
| 20   | 30736GT   | PIN,1.50 DIA X 4.76 LG.GES1360 .....                                                                       | 4    |

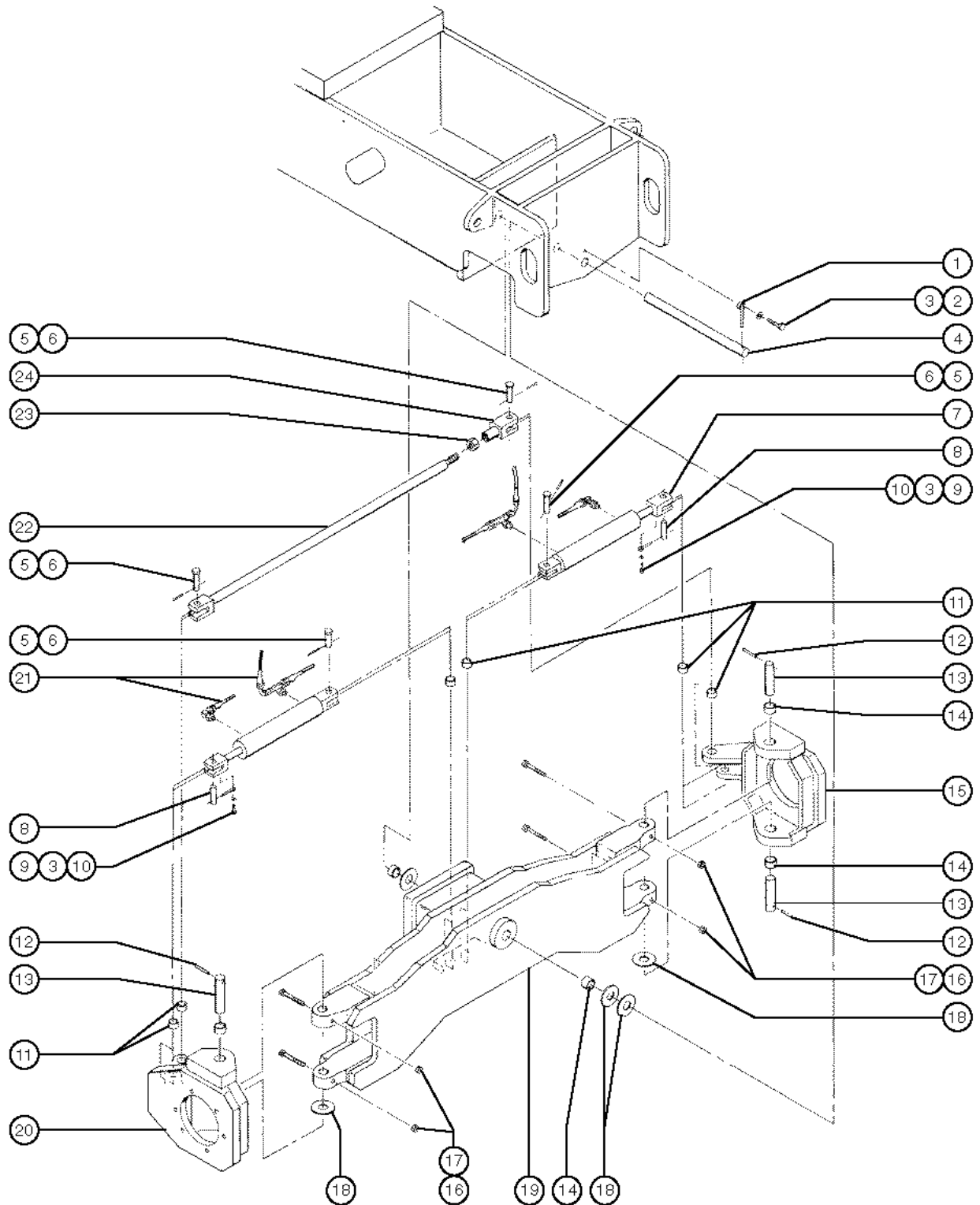
301.1 4WD Steer Axle Linkage - Oscillating



## 301.1 4WD Steer Axle Linkage - Oscillating

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------------------------------------|-------------|
| 21          | 119619GT        | BEARING,1.5 ID X 1.75 ODX1.5L .....                                         | 6           |
| 22          | 32285GT         | YOKE ASSY,4WD,L.S.,S40<br>includes 2 each index numbers 18 and 21 .....     | 1           |
| 23          | 6086GT          | NUT,LP NYLOCK,1/2-13 .....                                                  | 4           |
| 24          | 8220GT          | SCREW,HHC,1/2-13 X 4 .....                                                  | 4           |
| 25          | 45074GT         | WASHER,THRUST,1.5 X 3.5 X .187 .....                                        | 5           |
| 26          | 102192-SGT      | WELDMENT,FRT AXLE OSC,ASSY<br>includes 2 each index numbers 18 and 21 ..... | 1           |
| 27          | 32284GT         | YOKE ASSY,4WD,R.S.,S40<br>includes 2 each index numbers 18 and 21 .....     | 1           |
| 28          | 30190GT         | PIN,1.25DIAX7.25LG,1HOLE .....                                              | 2           |
| 29          | 5224GT          | SCREW,HHC,3/8-16 X 2 .....                                                  | 2           |
| 30          | 4828GT          | NUT, NYLOCK, 3/8-16 .....                                                   | 2           |
| 31          |                 | Ref. Hydraulic Hoses & Fittings (refer to figure 3-G, page 3-18) .....      | 2           |

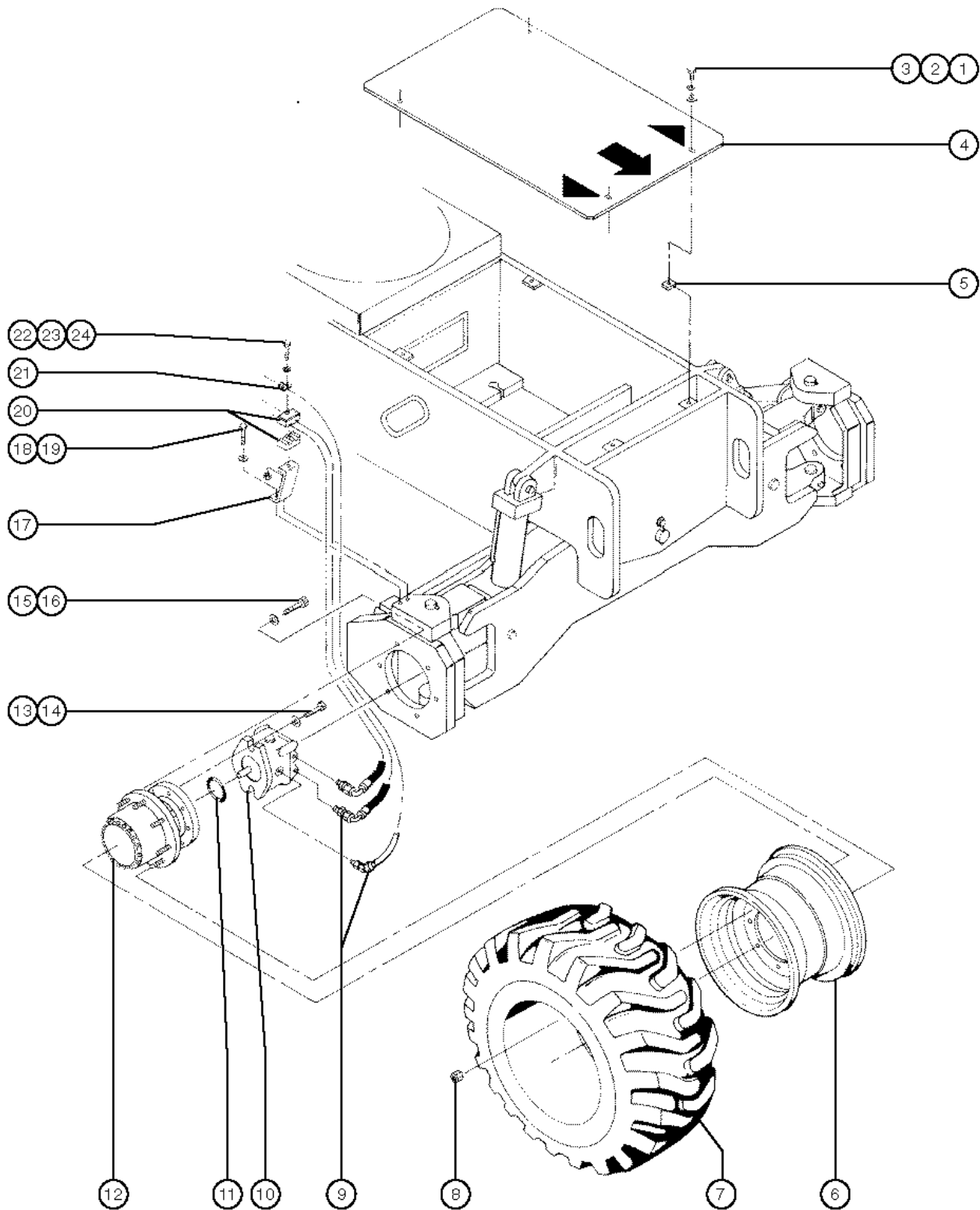
302.1 4WD Steer Axle Linkage - Non-oscillating



## 302.1 4WD Steer Axle Linkage - Non-oscillating

| Item | Part No.  | Description                                                                                                | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------|------|
| 1    | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                              | 1    |
| 2    | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                                                        | 1    |
| 3    | 6021GT    | WASHER, LOCK, .375 .....                                                                                   | 3    |
| 4    | 30735GT   | PIN, 1.50DIA X 17.50LG, CHAMFER .....                                                                      | 1    |
| 5    | 19440GT   | PIN,CLEVIS,1 X 2.5 LG .....                                                                                | 4    |
| 6    | 1294954GT | PIN,COTTER,.1875"X1.5" .....                                                                               | 4    |
| 7    | 58116GT   | UPDATE KIT STEERING S40/45<br>must use for first time replacement of hydraulic cylinder number 30585 ..... | 2    |
| 7-   | 1305757GT | CYLINDER, STEER .....                                                                                      | 2    |
| 3-   | 1298531GT | SEAL KIT, STEER CYL .....                                                                                  |      |
| 7-   | 89066GT   | SEAL KIT,STEER CYL (89065) .....                                                                           | 2    |
| 7-   | 32673GT   | SEAL KIT (CYL PN 30585) .....                                                                              | 2    |
| 8    | 30734GT   | PIN,1.00DIA X 2.88LG,1HOLE .....                                                                           | 2    |
| 9    | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                                                                 | 2    |
| 10   | 1255452GT | ROD END,.375 X 2.25,ZAG .....                                                                              | 2    |
| 11   | 25817GT   | BEARING,1.00IDX1.25ODX1.00L .....                                                                          | 6    |
| 12   | 14815GT   | PIN,ROLL,SST,.25 X 2.25 .....                                                                              | 4    |
| 13   | 30736GT   | PIN,1.50 DIA X 4.76 LG.GES1360 .....                                                                       | 4    |
| 14   | 119619GT  | BEARING,1.5 ID X 1.75 ODX1.5L .....                                                                        | 6    |
| 15   | 32285GT   | YOKE ASSY,4WD,L.S.,S40<br>includes 2 each index numbers 11 and 14 .....                                    | 1    |
| 16   | 6086GT    | NUT,LP NYLOCK,1/2-13 .....                                                                                 | 4    |
| 17   | 8220GT    | SCREW,HHC,1/2-13 X 4 .....                                                                                 | 4    |
| 18   | 45074GT   | WASHER,THRUST,1.5 X 3.5 X .187 .....                                                                       | 5    |
| 19   | 32652GT   | NON-OSCILATING STEER AXLE ASSY .....                                                                       | 1    |
|      |           | includes 2 each index numbers 11 and 14 .....                                                              |      |
| 20   | 32284GT   | YOKE ASSY,4WD,R.S.,S40<br>includes 2 each index numbers 11 and 14 .....                                    | 1    |
| 21   |           | Ref. Hydraulic Hoses & Fittings (refer to figure 3-H, page 3-22) .....                                     | 1    |
| 22   | 30747GT   | TIE ROD, WELDMENT .....                                                                                    | 1    |
| 23   | 28352GT   | NUT,HEX,JAM,1-8 .....                                                                                      | 1    |
| 24   | 23154-SGT | WELDMENT,ROD END .....                                                                                     | 1    |

303.1 4WD Steer Axle Wheel Drive

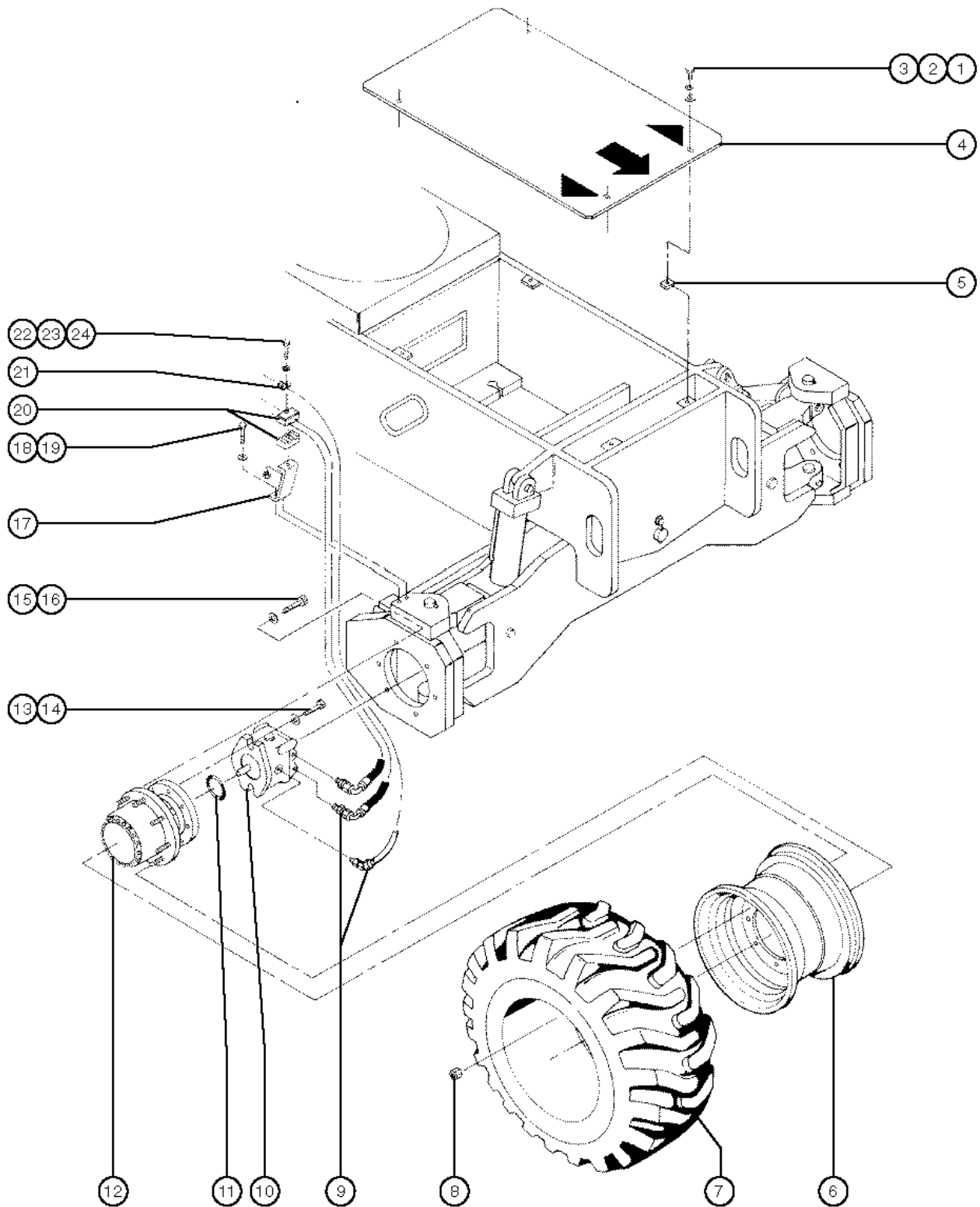




## 303.1 4WD Steer Axle Wheel Drive

| Item | Part No.  | Description                                                                    | Qty. |
|------|-----------|--------------------------------------------------------------------------------|------|
| 1    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                 | 4    |
| 2    | 6356GT    | WASHER, LOCK, .25 .....                                                        | 4    |
| 3    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                 | 4    |
| 4    | 32676GT   | COVR W/DECLS,DR.CHAS.STR.END .....                                             | 1    |
| 5    | 56912GT   | SPRING CLIP, 1/4-20,.025-.15X.54,ZAG .....                                     | 4    |
| 6    | 122348GT  | WHEEL, 16.5 X 9.75 S40 .....                                                   | 2    |
| 7    | 30667GT   | TIRE,12 X 16.5 8 PLY SGL .....                                                 | 2    |
| 7-   | 30814GT   | TIRE & WHEEL ASSY.RIGHT,FOAM .....                                             | 2    |
| 7-   | 30815GT   | TIRE & WHEEL ASSY.LEFT,FOAM .....                                              | 2    |
| 8    | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                           | 18   |
| 9    |           | Ref. Hydraulic Hoses & Fittings (refer to figures 307.1 or 308.1, pages) ..... | 18   |
| 10   | 33432GT   | MOTOR,HYD,25CC FIXED***<br>includes index number 10 .....                      | 2    |
| 10-  | 32675GT   | SEAL KIT,SUNSTRAND .....                                                       | 2    |
| 11   | 52087GT   | O-RING,2-044 BUNA*** .....                                                     | 2    |
| 11-  | 22811GT   | O-RING,MOTOR TO BRAKE***<br>measures approx 4" x 0.10" .....                   |      |
| 12   | 45553GT   | TORQUE HUB SERIES 1-18.25:1 .....                                              | 2    |
| 12-  | 1286606GT | SEAL KIT,TORQUE HUB (20193)<br>for 45553 .....                                 |      |
| 12-  | 1286606GT | SEAL KIT,TORQUE HUB (20193)<br>for 45553 .....                                 |      |
| 12-  | 21149GT   | LUG,WHEEL STUD,5/8-18,W1/4HB** .....                                           | 2    |
| 12-  | 21143GT   | BEARING KIT (45553) TORQUE HUB .....                                           | 2    |
| 12-  | 58448GT   | KIT,TORQUE HUB COVER (45553)** .....                                           | 2    |
| 12-  | 37097GT   | O-RING, TORQUE HUB<br>included in Seal Kit part number 21142 .....             | 2    |
| 12-  | 21148GT   | WASHER,THRUST,TORQUE HUB .....                                                 | 2    |
| 12-  | 21146GT   | COVER CAP,TORQUE HUB*** .....                                                  | 2    |
| 12-  | 58438GT   | KIT,COVER,TORQUE HUB,45553*** .....                                            | 2    |
| 12-  | 21144GT   | CAP,DISENGAGE-45553 TORQUE HUB .....                                           | 2    |
| 12-  | 21145GT   | DISCONNECT ROD-45553 TQ.HUB .....                                              | 2    |
| 13   | 111389GT  | SCREW,HHC,1/2-13 X 1, GR 8 .....                                               | 4    |

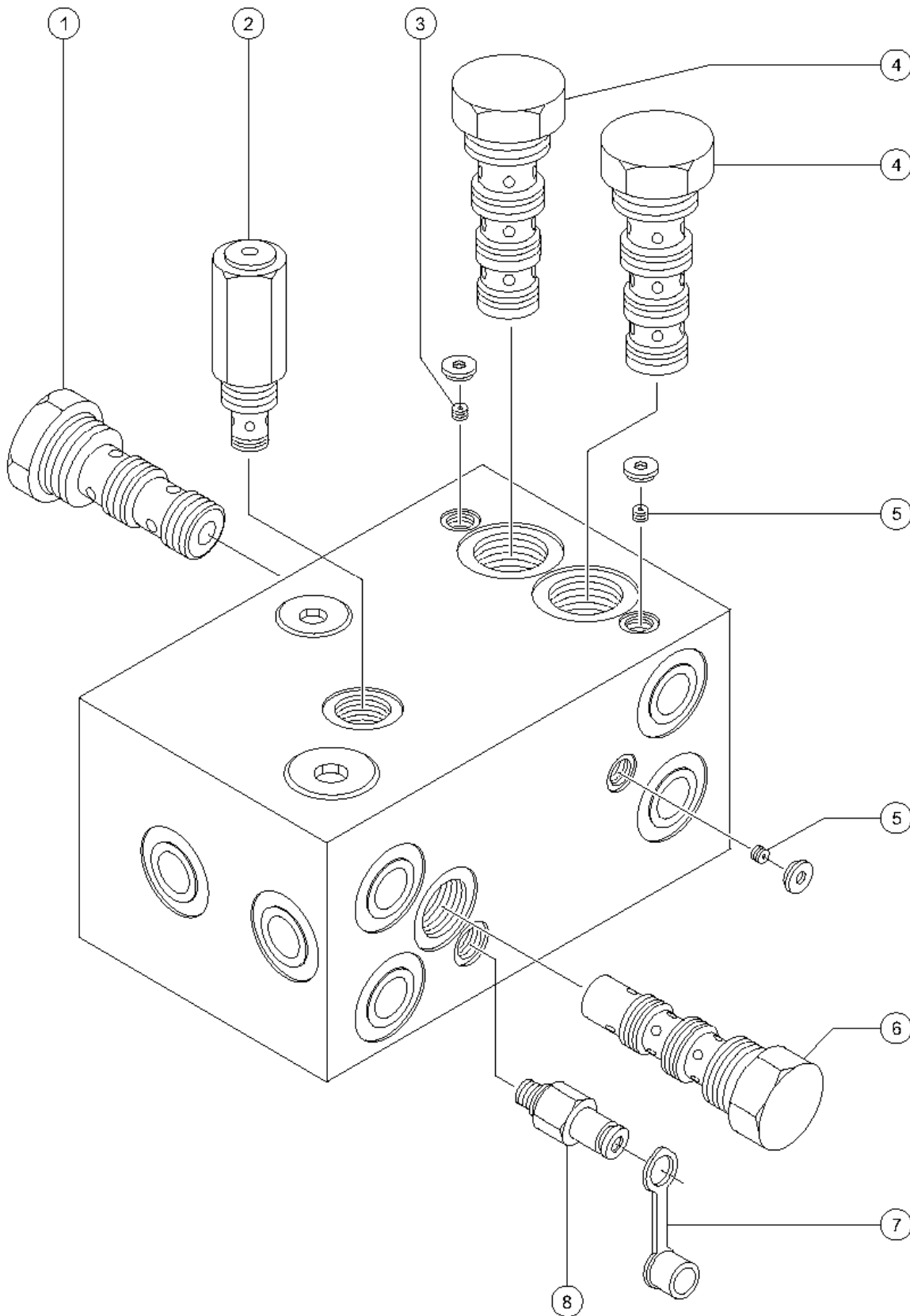
303.1 4WD Steer Axle Wheel Drive



## 303.1 4WD Steer Axle Wheel Drive

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 14          | 13066GT         | WASHER,FLAT,.5 HARDENED .....        | 4           |
| 15          | 45066GT         | SCREW,SHC,5/8-11 X 2.25 .....        | 12          |
| 16          | 13064GT         | WASHER,FLAT,.625 HARDENED .....      | 12          |
| 17          | 122281PGT       | HOSE HANGER,DRIVE CHASSIS,PTD .....  | 2           |
| 18          | 8255GT          | SCREW,HHC,3/8-16 X .75 .....         | 4           |
| 19          | 6021GT          | WASHER, LOCK, .375 .....             | 4           |
| 20          | 25964GT         | CLAMP,DUAL HOSE .....                | 2           |
| 21          | 45454GT         | CLAMP,0.75,#12 X 3/8,RUB CUSH* ..... | 2           |
| 22          | 18505GT         | 5/16-18 X 2.25 LG.FLG.LCK.SCRW ..... | 2           |
| 23          | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....     | 2           |
| 24          | 6782GT          | NUT, NYLOCK, 5/16-18 .....           | 2           |

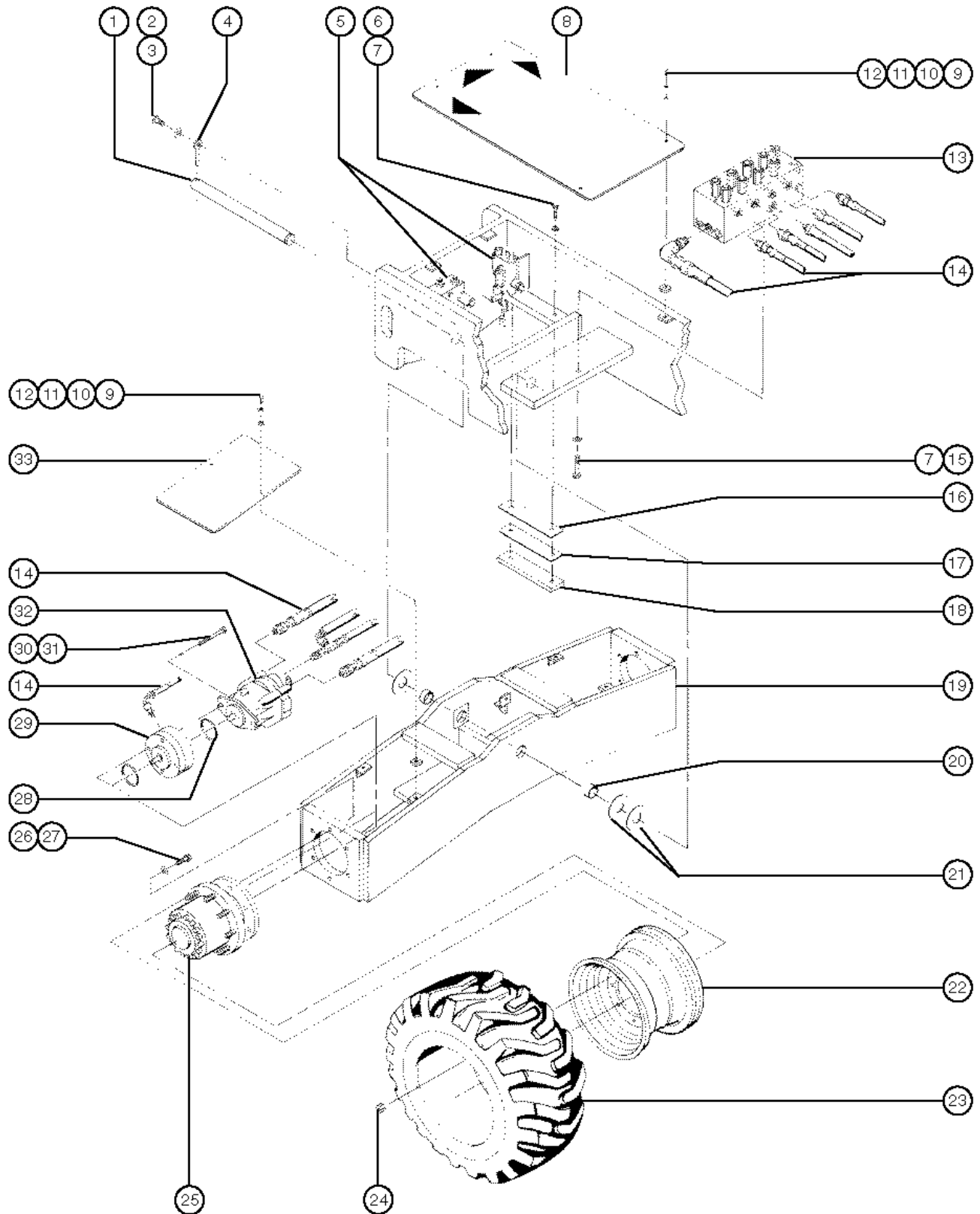
304.1 4WD Drive Manifold



## 304.1 4WD Drive Manifold

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                         | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------------|-------------|
|             | 34447GT         | MANIFOLD,TRACTN,4WD,(S)SERIES* .....<br>includes index numbers 1 through 6 |             |
|             | 28750GT         | O-RING KIT,FIELD SVC,ALL PROD* .....                                       |             |
|             | 49612GT         | O-RING KIT (ORFS FITTINGS) .....                                           |             |
|             | 33994GT         | PLUG AND CAP KIT-SERVICE,37?** .....                                       |             |
|             | 49613GT         | PLUG AND CAP KIT-SERVICE,ORFS* .....                                       |             |
| 1           | 33521GT         | VALVE,FLOW DIVIDER/COMBINER .....                                          | 1           |
| 2           | 31406GT         | VALVE,RELIEF 250 PSI*** .....                                              | 1           |
| 3           | 29737GT         | PLUG,ORIFICE,0.052 INCH .....                                              | 1           |
| 4           | 52726GT         | VALVE,FLOW DIVIDER/COMBINER .....                                          | 2           |
| 5           | 33520GT         | PLUG,ORIFICE,0.070 .....                                                   | 2           |
| 6           | 27761GT         | VALVE,SHUTTLE .....                                                        | 1           |
| 7           | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                                                | 1           |
| 8           | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                                                 | 1           |
| 8-          | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                                            | 1           |

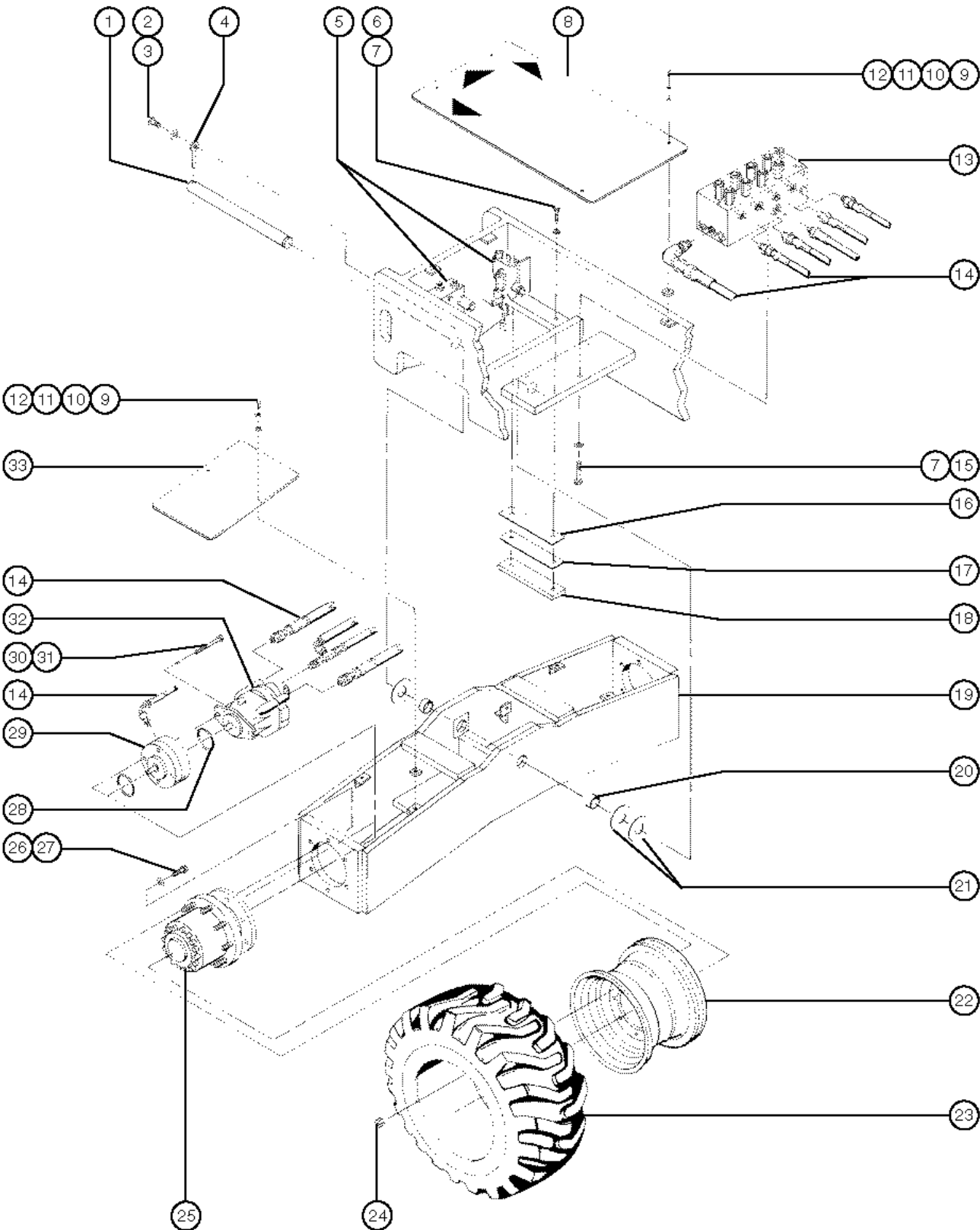
305.1 4WD Non-steer Axle



## 305.1 4WD Non-steer Axle

| Item | Part No. | Description                                                            | Qty. |
|------|----------|------------------------------------------------------------------------|------|
| 1    | 30735GT  | PIN, 1.50DIAX17.50LG, CHAMFER .....                                    | 1    |
| 2    | 6019GT   | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                    | 1    |
| 3    | 6021GT   | WASHER, LOCK, .375 .....                                               | 1    |
| 4    | 825019GT | ROD END, .375X3.69, ZAG .....                                          | 1    |
| 5    |          | Ref. Oscillate Manifolds (refer to 306.1) .....                        | 1    |
| 6    | 8177GT   | SCREW,HHC,1/2-13 X 1.5 .....                                           | 4    |
| 7    | 6033GT   | WASHER,LOCK,0.5" .....                                                 | 7    |
| 8    | 32682GT  | COVR W/DECL,DR.CHAS.NONSTEER .....                                     | 1    |
| 9    | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                         | 8    |
| 10   | 6356GT   | WASHER, LOCK, .25 .....                                                | 8    |
| 11   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                         | 8    |
| 12   | 56912GT  | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                              | 8    |
| 13   |          | Ref. 4WD Drive Manifold (refer to figure 304.1) .....                  | 1    |
| 14   |          | Ref. Hydraulic Hoses & Fittings (refer to figure 307.1 or 308.1) ..... | 1    |
| 15   | 10597GT  | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                      | 3    |
| 16   | 30808GT  | SHIM,AXLE ROTATION STOP .....                                          | 3    |
| 17   | 30809GT  | SHIM,AXLE ROTATION STOP,22 GA. ....                                    | 4    |
| 18   | 30690GT  | BAR,AXLE ROTATION STOP,OSC. **<br>oscillating models .....             | 2    |
| 18-  | 30691GT  | BAR,AXLE ROTATION STOP,NON-OSC<br>non-oscillating models .....         | 2    |
| 19   | 32653GT  | NON-STEER AXLE ASSY,S40<br>includes 2 each index number 20 .....       | 1    |
| 20   | 18396GT  | BEARING,1.5IDX1.75ODX1.0L .....                                        | 2    |
| 21   | 45074GT  | WASHER,THRUST,1.5 X 3.5 X .187 .....                                   | 3    |
| 22   | 122348GT | WHEEL, 16.5 X 9.75 S40 .....                                           | 2    |
| 23   | 30667GT  | TIRE,12 X 16.5 8 PLY SGL .....                                         | 2    |
| 23-  | 30814GT  | TIRE & WHEEL ASSY.RIGHT,FOAM .....                                     | 2    |
| 23-  | 30815GT  | TIRE & WHEEL ASSY.LEFT,FOAM .....                                      | 2    |
| 24   | 54627GT  | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                   | 18   |
| 25   | 20193GT  | TORQUE HUB,35:1***<br>(Seal Kit 1286606, Bearing Kit 1286607) .....    | 2    |

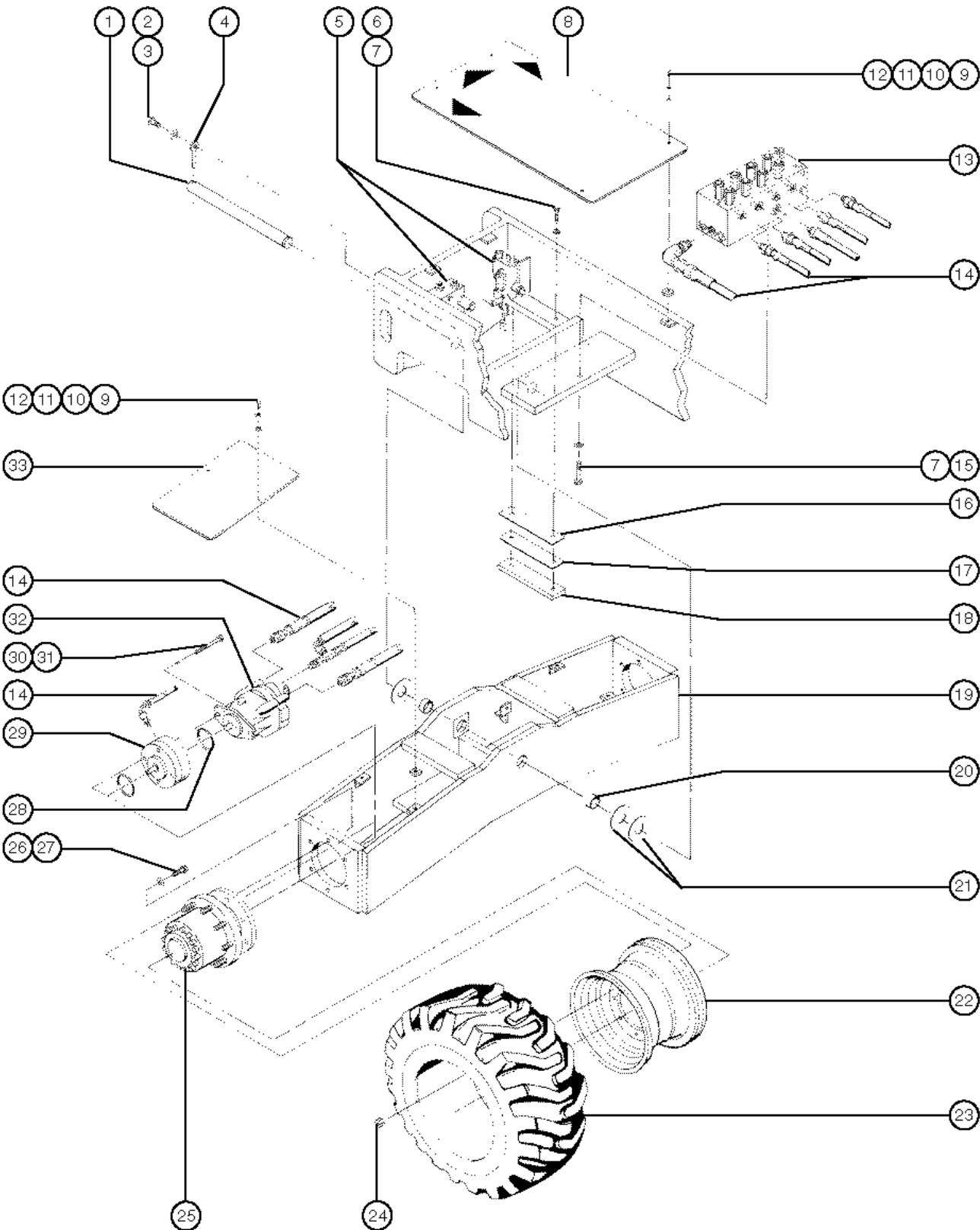
305.1 4WD Non-steer Axle





| Item | Part No.  | Description                                                                                                                | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------------------------------|------|
| 25-  | 21143GT   | BEARING KIT (45553) TORQUE HUB<br>for 20193 (inventory limited to stock on hand as component is no longer available) ..... |      |
| 25-  | 1286607GT | BEARING KIT,TORQUE HUB (20193) .....                                                                                       |      |
| 25-  | 1286606GT | SEAL KIT,TORQUE HUB (20193) .....                                                                                          |      |
| 25-  | 1286606GT | SEAL KIT,TORQUE HUB (20193) .....                                                                                          |      |
| 25-  | 21149GT   | LUG,WHEEL STUD,5/8-18,W1/4HB** .....                                                                                       | 2    |
| 25-  | 21143GT   | BEARING KIT (45553) TORQUE HUB .....                                                                                       | 2    |
| 25-  | 37097GT   | O-RING, TORQUE HUB<br>included in Seal Kit part number 21142 .....                                                         | 2    |
| 25-  | 21148GT   | WASHER,THRUST,TORQUE HUB .....                                                                                             | 2    |
| 25-  | 21146GT   | COVER CAP,TORQUE HUB*** .....                                                                                              | 2    |
| 25-  | 21144GT   | CAP,DISENGAGE-45553 TORQUE HUB .....                                                                                       | 2    |
| 25-  | 21145GT   | DISCONNECT ROD-45553 TQ.HUB .....                                                                                          | 2    |
| 25-  | 58438GT   | KIT,COVER,TORQUE HUB,45553*** .....                                                                                        | 2    |
| 25-  | 58589GT   | THRUST CAP (20193) .....                                                                                                   |      |
| 26   | 45066GT   | SCREW,SHC,5/8-11 X 2.25 .....                                                                                              | 12   |
| 27   | 13064GT   | WASHER,FLAT,.625 HARDENED .....                                                                                            | 12   |
| 28   | 52087GT   | O-RING,2-044 BUNA*** .....                                                                                                 |      |
| 28-  | 22811GT   | O-RING,MOTOR TO BRAKE*** .....                                                                                             | 4    |
| 29   | 41912GT   | BRAKE,MICO,1200 IN/LB***<br>includes 1 each of index number 28 .....                                                       | 2    |
| 29-  | 41921GT   | SEAL KIT,BRAKE,MICO .....                                                                                                  | 2    |
| 29-  | 41918GT   | LINING KIT,MICO BRAKE .....                                                                                                | 2    |
| 29-  | 41922GT   | BEARING KIT,BRAKE,MICO .....                                                                                               | 2    |
| 29-  | 72319GT   | SPRING (RED) MICO<br>for 72319; 8 required per brake .....                                                                 |      |
| 29-  | 29291GT   | SEAL KIT,MICO .....                                                                                                        | 2    |
| 29-  | 29292GT   | BRAKE,LINING KIT,MICO .....                                                                                                | 2    |
| 29-  | 29293GT   | BEARING KIT,MICO .....                                                                                                     | 2    |
| 30   | 7261GT    | SCREW,HHC,1/2-13 X 5 BLACK .....                                                                                           | 4    |
| 31   | 13066GT   | WASHER,FLAT,.5 HARDENED .....                                                                                              | 4    |
| 32   | 41398GT   | MOTOR,HYDRAULIC,AXIAL PORTS*** .....                                                                                       | 2    |

305.1 4WD Non-steer Axle

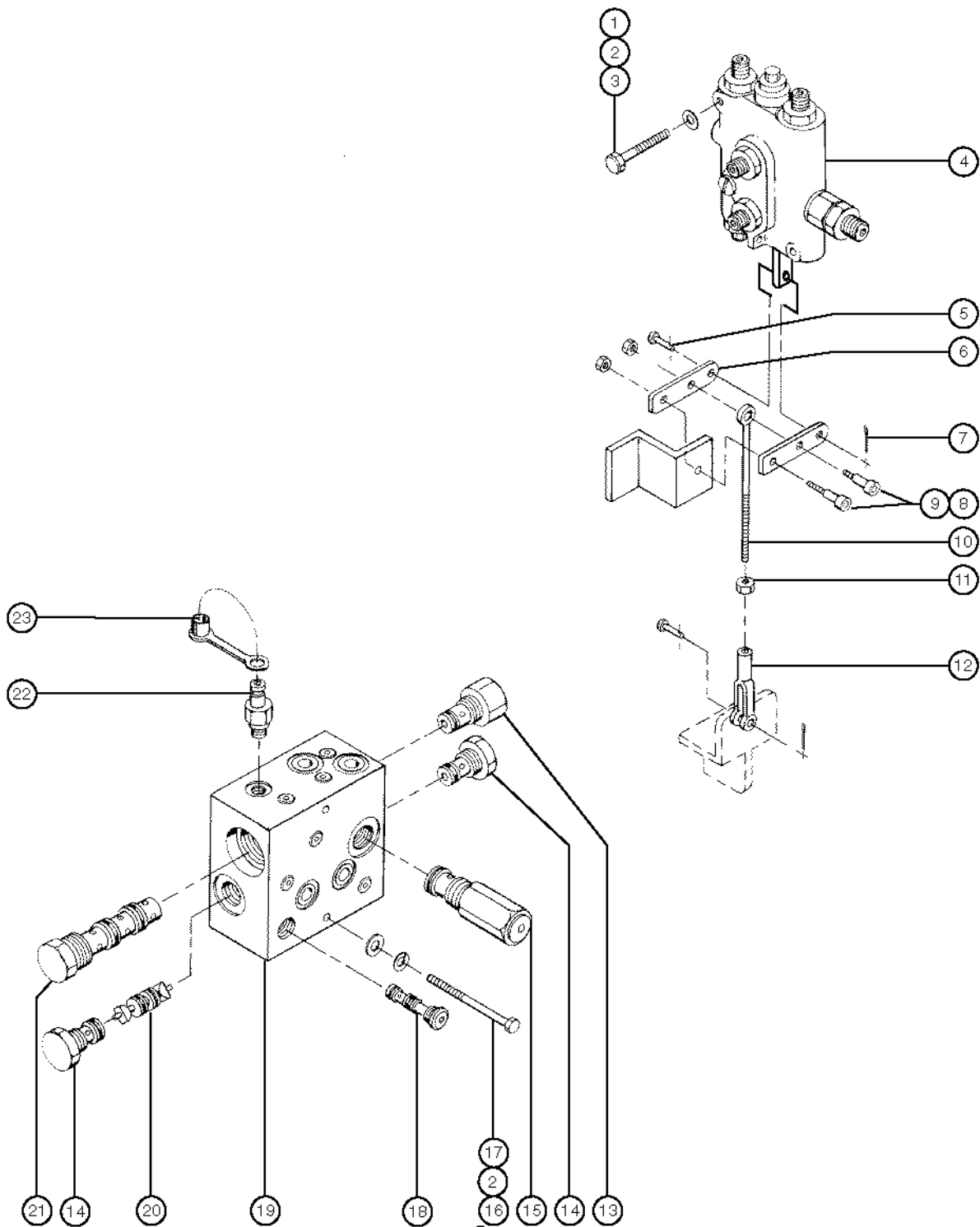


305.1 4WD Non-steer Axle

| Item | Part No.   | Description                                                  | Qty. |
|------|------------|--------------------------------------------------------------|------|
| 32-  | 32680GT    | SEAL KIT,SUNSTRAND .....                                     | 2    |
| 32-  | 22811GT    | O-RING,MOTOR TO BRAKE***<br>measures approx 4" x 0.10" ..... | 2    |
| 32-  | 32680GT    | SEAL KIT,SUNSTRAND .....                                     | 2    |
| 33   | 30802P-SGT | COVER,NON-STEER AXLE "BLUE" .....                            | 2    |



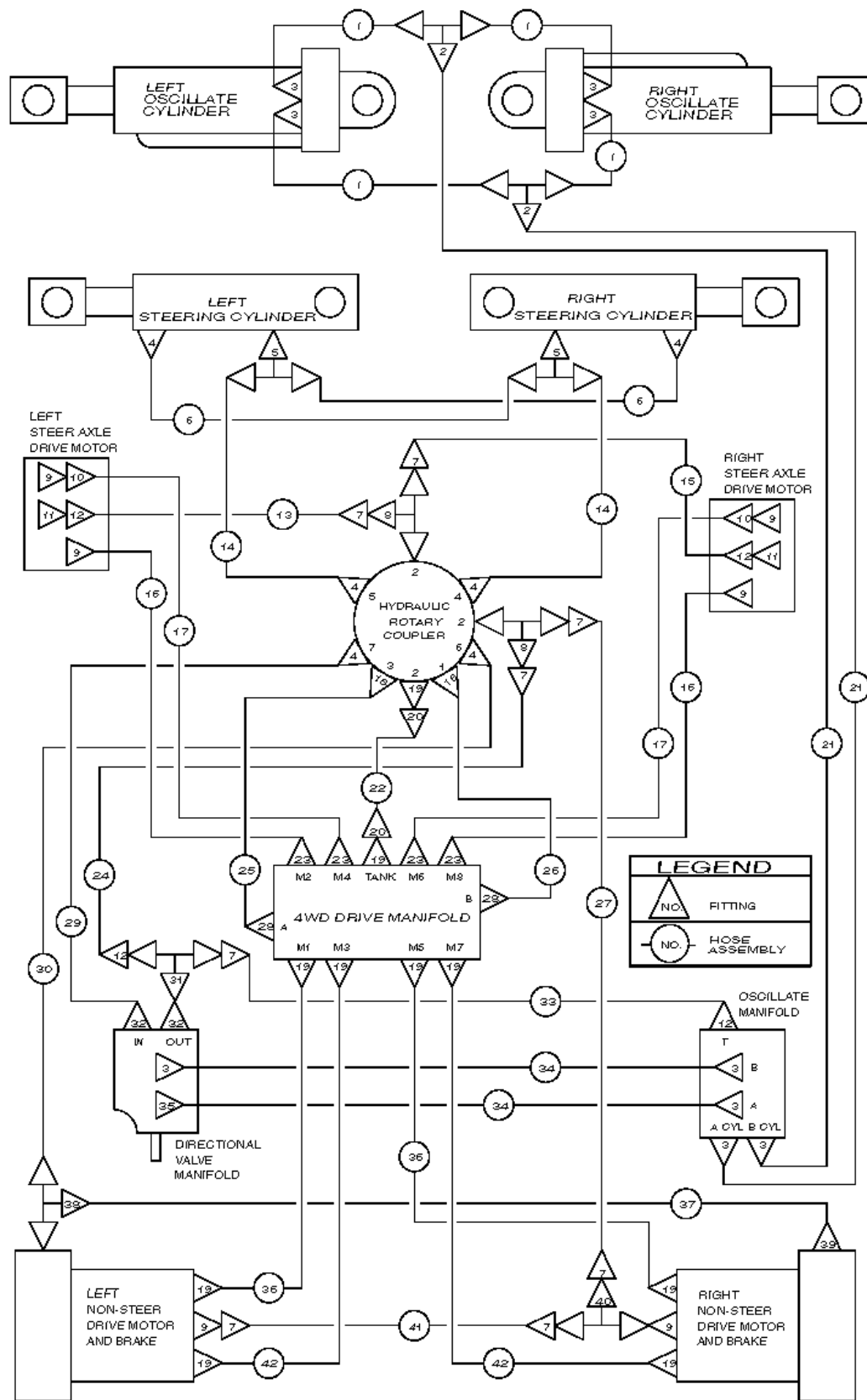
306.1 Oscillate Manifolds



## 306.1 Oscillate Manifolds

| Item | Part No. | Description                                                       | Qty. |
|------|----------|-------------------------------------------------------------------|------|
| 1    | 6884GT   | SCREW,HHC,1/4-20 X 2.5 .....                                      | 2    |
| 2    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                    | 4    |
| 3    | 6091GT   | NUT, NYLOCK, 1/4-20 .....                                         | 4    |
| 4    | 30558GT  | VLV,MAN,3 POS/4 WAY,OPEN CTR .....                                | 1    |
| 4-   | 32681GT  | SEAL KIT,CONTROL VALVE .....                                      | 1    |
| 5    | 6584GT   | SCREW,SHS,10-24 X .625 .....                                      | 1    |
| 6    | 30884GT  | OSCILLATE VALVE LINKAGE .....                                     | 2    |
| 7    | 2161GT   | PIN,COTTER,.063 X 1 .....                                         | 1    |
| 8    | 6584GT   | SCREW,SHS,10-24 X .625 .....                                      | 2    |
| 9    | 5365GT   | NUT,NYLOCK,10-24 .....                                            | 1    |
| 10   |          | LINKAGE ROD<br>no longer available .....                          | 1    |
| 11   | 21496GT  | NUT,HEX,1/4-28 .....                                              | 1    |
| 12   | 21130GT  | CLEVIS YOKE-1/4-28,PLTD W/PIN<br>includes clevis pin .....        | 1    |
| 13   | 27532GT  | VALVE,DIFFERENTIAL SENSING .....                                  | 1    |
| 14   | 32725GT  | VALVE,CHECK (30797) .....                                         | 2    |
| 15   | 27531GT  | VALVE,PILOT OPERATED .....                                        | 1    |
| 16   | 12343GT  | SCREW,HHC,1/4-20 X 3 .....                                        | 2    |
| 17   | 6356GT   | WASHER, LOCK, .25 .....                                           | 2    |
| 18   | 45483GT  | VALVE,SHUTTLE*** .....                                            | 1    |
| 19   | 30797GT  | MANIFOLD,OSCILLATION<br>includes index numbers 12-14, 17-20 ..... | 1    |
| 19-  | 25375GT  | KIT, O-RING .....                                                 | 1    |
| 20   | 32724GT  | PISTON (30797) .....                                              | 1    |
| 21   | 32723GT  | VALVE,SHUTTLE (30797) .....                                       | 1    |
| 22   | 48997GT  | NIPPLE,DIAGNOSTIC,#4 .....                                        | 1    |
| 22-  | 48880GT  | CAP,DIAGNOSTIC NIPPLE .....                                       | 1    |
| 23   | 48880GT  | CAP,DIAGNOSTIC NIPPLE .....                                       | 1    |

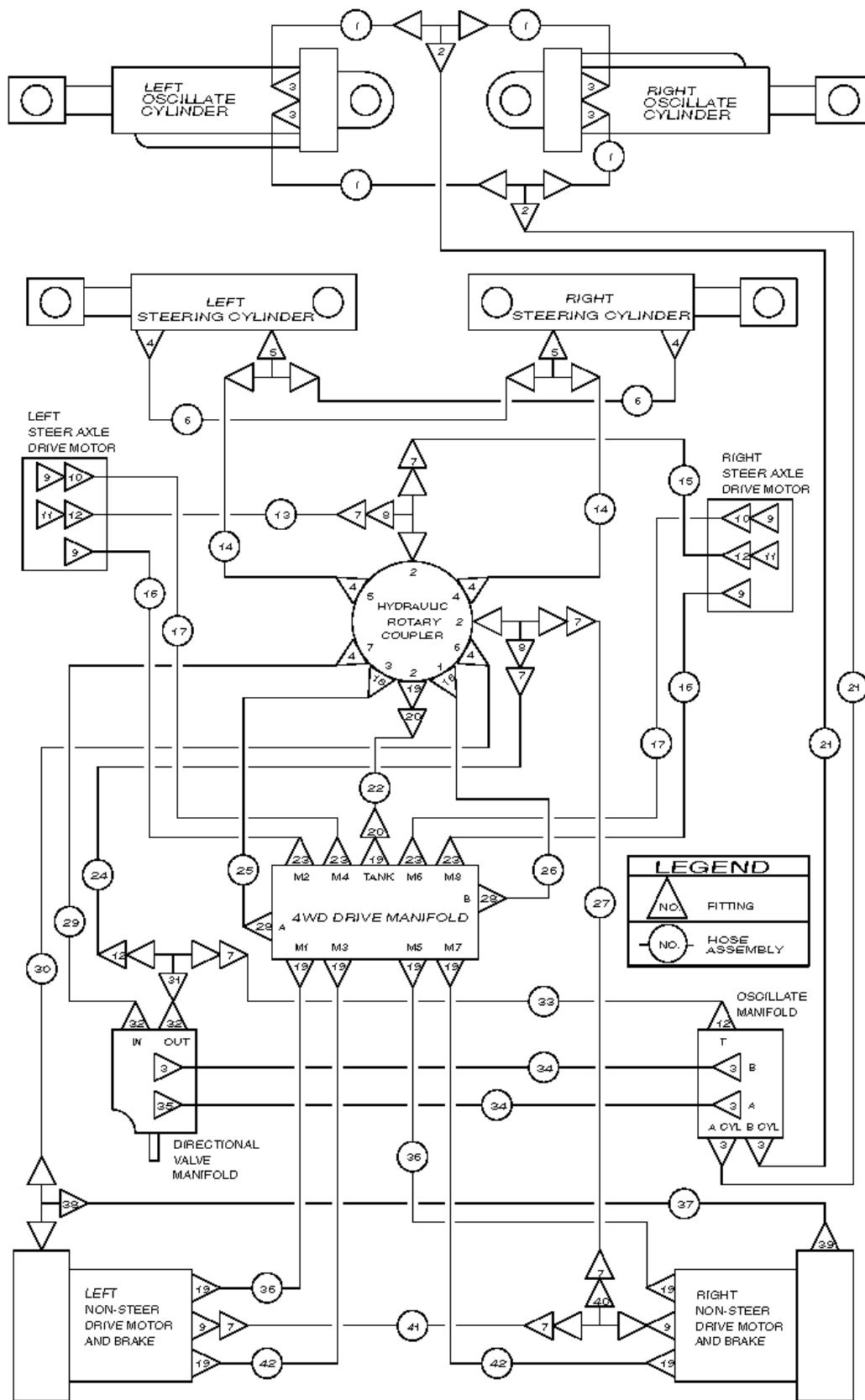
## 307.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle



## 307.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 30837GT  | HOSE ASSEMBLY,25" .....              | 4    |
| 2    | 34727GT  | TEE,UNION,070401-6 .....             | 2    |
| 3    | 45412GT  | CONNECTOR,070120-6-6 .....           | 9    |
| 4    | 13120GT  | ELBOW,070220-6-6 .....               | 6    |
| 5    | 45705GT  | TEE,BRANCH,070429-6-6 .....          | 2    |
| 6    | 30849GT  | HOSE ASSEMBLY,22.5" .....            | 2    |
| 7    | 20324GT  | HOSE END,BARBED,SWIVEL,-8-8 .....    | 8    |
| 8    | 20334GT  | TEE,RUN,070428-8 .....               | 2    |
| 9    | 22665GT  | CONNECTOR,070120-8-10 .....          | 6    |
| 10   | 30970GT  | ELBOW,90DEG.SWIV.SWEEP-8-8 .....     | 2    |
| 11   | 45349GT  | ELBOW,070320-8-8 .....               | 2    |
| 12   | 28597GT  | HOSE END,BARBED,SWIVEL,90DEG-8 ..... | 4    |
| 13   | 30827GT  | HOSE ASSEMBLY,80" .....              | 1    |
| 14   | 30850GT  | HOSE ASSEMBLY,64.5" .....            | 2    |
| 15   | 30828GT  | HOSE ASSEMBLY,85.5" .....            | 1    |
| 16   | 30826GT  | HOSE ASSEMBLY,98" .....              | 2    |
| 17   | 30825GT  | HOSE ASSEMBLY,98" .....              | 2    |
| 18   | 45350GT  | ELBOW,070320-12-12 .....             | 2    |
| 19   | 19687GT  | CONNECTOR,070120-12-12 .....         | 10   |
| 20   | 45170GT  | HOSE END,BARBED,SWIVEL,-12-12 .....  | 2    |
| 21   | 30838GT  | HOSE ASSEMBLY,108" .....             | 2    |
| 22   | 30847GT  | HOSE ASSEMBLY,19" .....              | 1    |
| 23   | 27431GT  | CONNECTOR,070120-8-12 .....          | 4    |
| 24   | 30834GT  | HOSE ASSEMBLY,55" .....              | 1    |
| 25   | 30844GT  | HOSE ASSEMBLY,35" .....              | 1    |
| 26   | 30843GT  | HOSE ASSEMBLY,25" .....              | 1    |
| 27   | 30954GT  | HOSE ASSEMBLY,66" .....              | 1    |
| 28   | 20925GT  | ELBOW,070220-12-12 .....             | 2    |

## 307.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle

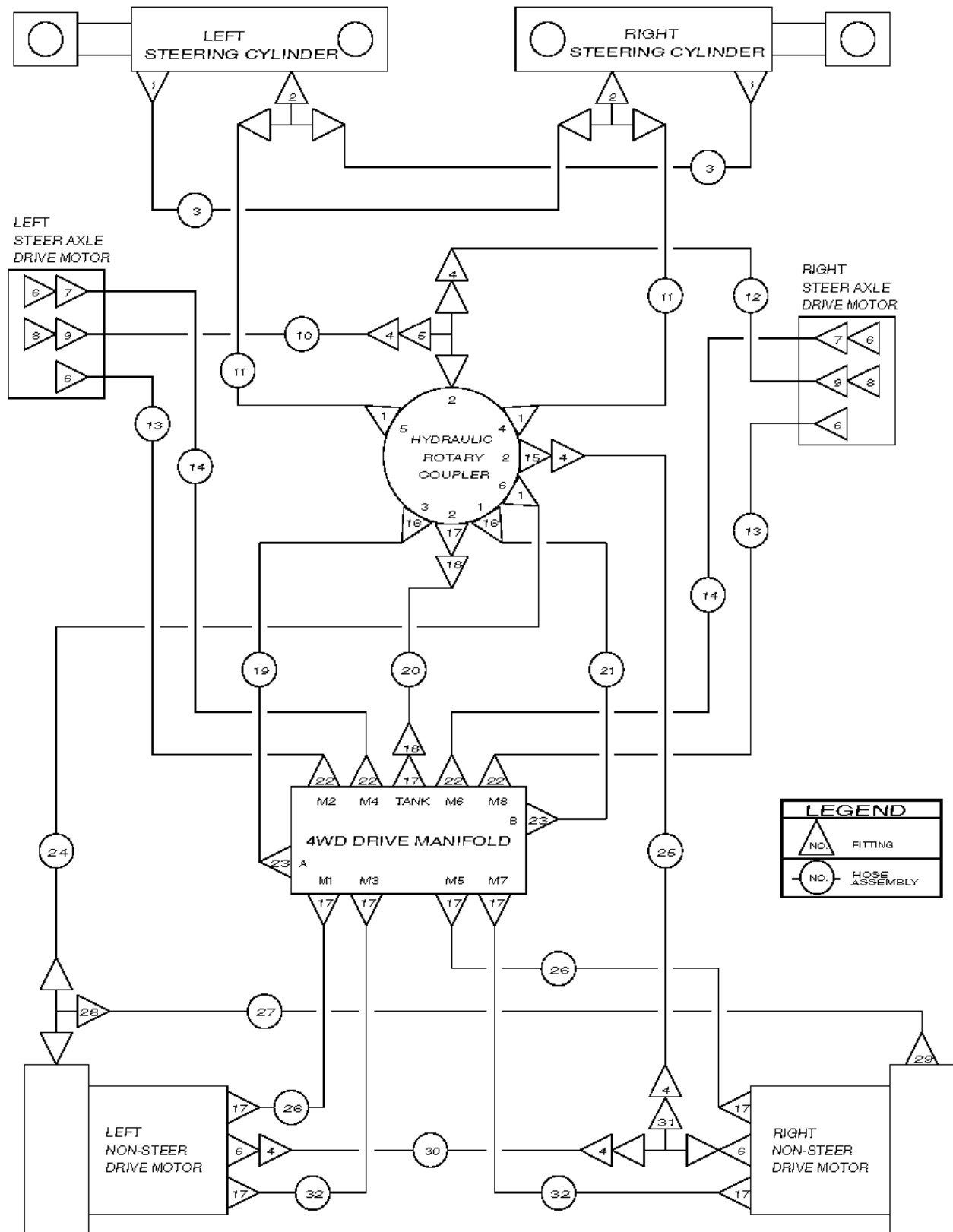




## 307.1 4WD Hydraulic Hoses and Fittings - Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>         | <i>Qty.</i> |
|-------------|-----------------|----------------------------|-------------|
| 29          | 30835GT         | HOSE ASSEMBLY,56" .....    | 1           |
| 30          | 30845GT         | HOSE ASSEMBLY,75" .....    | 1           |
| 31          | 20328GT         | TEE,BRANCH,070433-8 .....  | 1           |
| 32          | 20923GT         | CONNECTOR,070120-8-6 ..... | 2           |
| 33          | 30836GT         | HOSE ASSEMBLY,10.5" .....  | 1           |
| 34          | 30839GT         | HOSE ASSEMBLY,15" .....    | 2           |
| 35          | 45411GT         | ELBOW,070320-6-6 .....     | 1           |
| 36          | 30841GT         | HOSE ASSEMBLY,34.5" .....  | 2           |
| 37          | 30846GT         | HOSE ASSEMBLY,61" .....    | 1           |
| 38          | 23802GT         | TEE,RUN,070428-4-4 .....   | 1           |
| 39          | 13921GT         | ELBOW,070220-4-4 .....     | 1           |
| 40          | 21252GT         | TEE,RUN,070432-8 .....     | 1           |
| 41          | 30848GT         | HOSE ASSEMBLY,43" .....    | 1           |
| 42          | 30842GT         | HOSE ASSEMBLY,40.5" .....  | 2           |

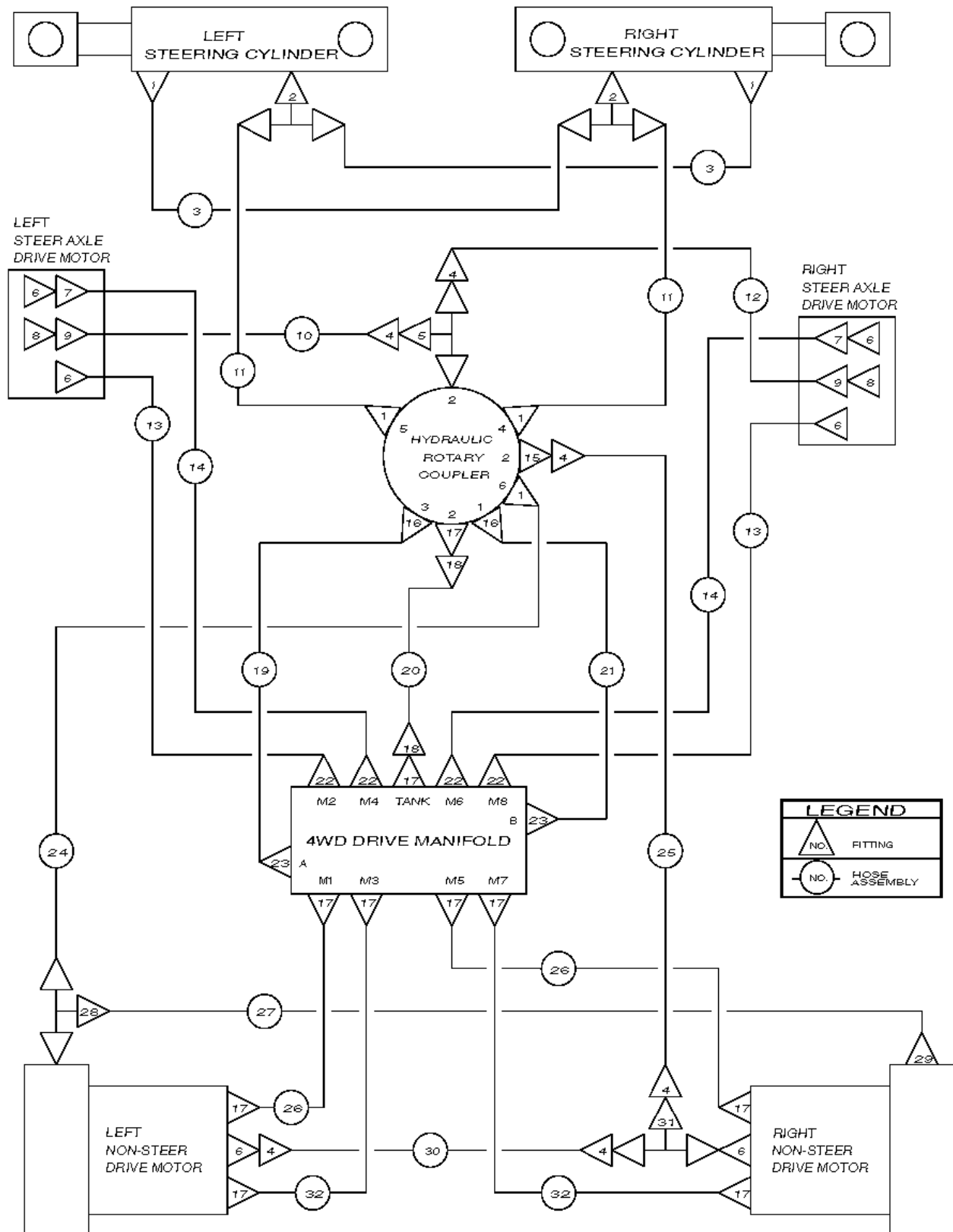
## 308.1 4WD Hydraulic Hoses and Fittings - Non-oscillating Axle



## 308.1 4WD Hydraulic Hoses and Fittings - Non-oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 13120GT         | ELBOW,070220-6-6 .....               | 5           |
| 2           | 45705GT         | TEE,BRANCH,070429-6-6 .....          | 2           |
| 3           | 30849GT         | HOSE ASSEMBLY,22.5" .....            | 2           |
| 4           | 20324GT         | HOSE END,BARBED,SWIVEL,-8-8 .....    | 6           |
| 5           | 20334GT         | TEE,RUN,070428-8 .....               | 1           |
| 6           | 22665GT         | CONNECTOR,070120-8-10 .....          | 6           |
| 7           | 30970GT         | ELBOW,90DEG.SWIV.SWEEP-8-8 .....     | 2           |
| 8           | 45349GT         | ELBOW,070320-8-8 .....               | 2           |
| 9           | 28597GT         | HOSE END,BARBED,SWIVEL,90DEG-8 ..... | 2           |
| 10          | 30827GT         | HOSE ASSEMBLY,80" .....              | 1           |
| 11          | 30850GT         | HOSE ASSEMBLY,64.5" .....            | 2           |
| 12          | 30828GT         | HOSE ASSEMBLY,85.5" .....            | 1           |
| 13          | 30826GT         | HOSE ASSEMBLY,98" .....              | 2           |
| 14          | 30825GT         | HOSE ASSEMBLY,98" .....              | 2           |
| 15          | 45703GT         | CONNECTOR,070120-8-8 .....           | 1           |
| 16          | 45350GT         | ELBOW,070320-12-12 .....             | 2           |
| 17          | 19687GT         | CONNECTOR,070120-12-12 .....         | 10          |
| 18          | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 2           |
| 19          | 30844GT         | HOSE ASSEMBLY,35" .....              | 1           |
| 20          | 30847GT         | HOSE ASSEMBLY,19" .....              | 1           |
| 21          | 30843GT         | HOSE ASSEMBLY,25" .....              | 1           |
| 22          | 27431GT         | CONNECTOR,070120-8-12 .....          | 4           |
| 23          | 20925GT         | ELBOW,070220-12-12 .....             | 2           |
| 24          | 30845GT         | HOSE ASSEMBLY,75" .....              | 1           |
| 25          | 30954GT         | HOSE ASSEMBLY,66" .....              | 1           |
| 26          | 30841GT         | HOSE ASSEMBLY,34.5" .....            | 2           |
| 27          | 30846GT         | HOSE ASSEMBLY,61" .....              | 1           |
| 28          | 23802GT         | TEE,RUN,070428-4-4 .....             | 1           |

## 308.1 4WD Hydraulic Hoses and Fittings - Non-oscillating Axle

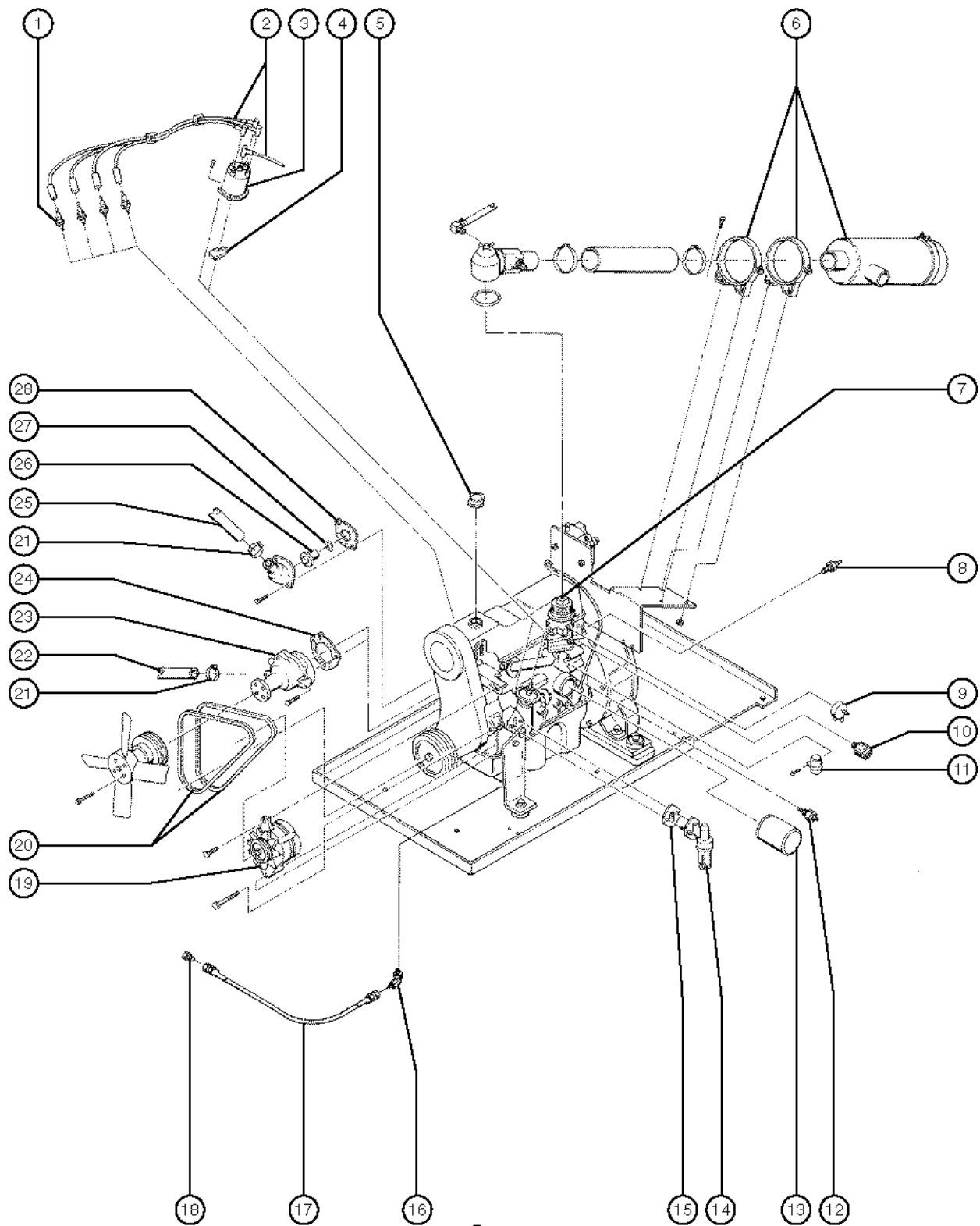


308.1 4WD Hydraulic Hoses and Fittings - Non-oscillating Axle

| Item | Part No. | Description               | Qty. |
|------|----------|---------------------------|------|
| 29   | 13921GT  | ELBOW,070220-4-4 .....    | 1    |
| 30   | 30848GT  | HOSE ASSEMBLY,43" .....   | 1    |
| 31   | 21252GT  | TEE,RUN,070432-8 .....    | 1    |
| 32   | 30842GT  | HOSE ASSEMBLY,40.5" ..... | 2    |

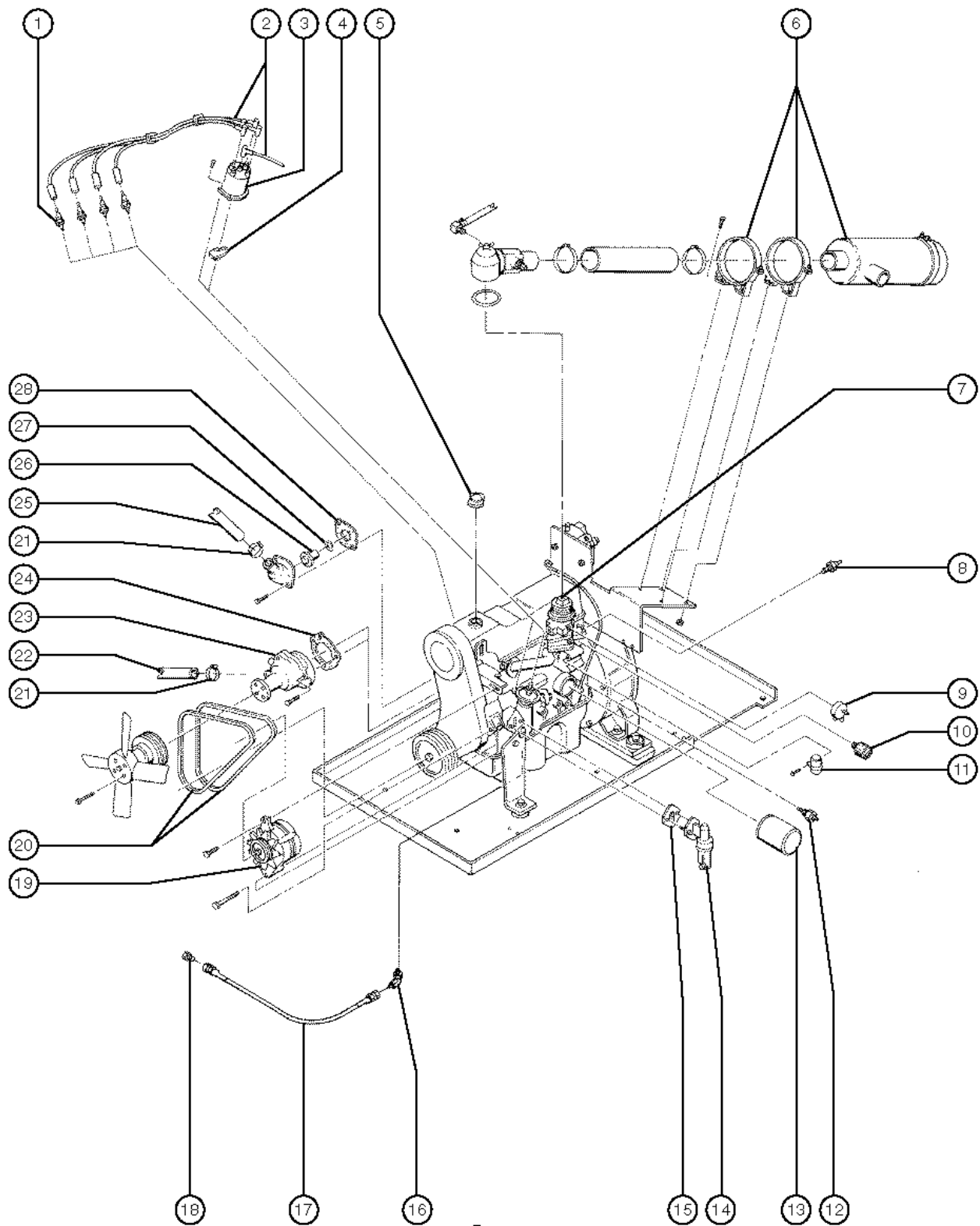


401.1 Ford Gasoline/LPG Engine - View 1



| Item | Part No.  | Description                                                   | Qty. |
|------|-----------|---------------------------------------------------------------|------|
| 1    | 28647GT   | SPARK PLUG,FORD .....                                         | 4    |
| 2    | 28648GT   | SPARK PLUG WIRE SET, LSG 423 .....                            | 1    |
|      |           | Genie genuine part                                            |      |
| 2-   | 1259056GT | SPARK PLUG WIRE SET, LSG 423 .....                            |      |
|      |           | Genie aftermarket                                             |      |
| 3    | 28650GT   | CAP,DISTRIBUTOR,FORD .....                                    | 1    |
| 4    | 28649GT   | ROTOR,DISTRIBUTOR,FORD .....                                  | 1    |
| 5    | 28658GT   | CAP, OIL FILLER, FORD LSG423 .....                            | 1    |
| 6    | 27915GT   | AIR CLEANER .....                                             | 1    |
|      |           | does NOT include mounting bands                               |      |
| 6-   | 27916GT   | FILTER,AIR,ELEMENT*** .....                                   | 1    |
| 6-   | 53952GT   | BRKT,AIR CLEANER ORIENTATION** .....                          |      |
| 6-   | 65815GT   | CLAMP, AIR CLEANER (27915)** .....                            | 1    |
|      |           | clamp that holds the end cap on                               |      |
| 6-   | 33931GT   | MOUNTING BAND (27915) .....                                   | 2    |
| 7    | 28714GT   | CARB REPAIR KIT, LSG/LRG-423 .....                            | 1    |
| 7-   | 29439GT   | COIL, AUTOMATIC CHOKE, .....                                  | 1    |
| 7-   | 33958GT   | CARBURETOR,FORD-LRG 423,AUTO** .....                          | 1    |
|      |           | main jets will need to be swapped with original carburetor.   |      |
| 7-   | 37494GT   | CARBURETOR FLOAT-ZENITH .....                                 | 1    |
| 8    | 28651GT   | SOLENOID, ANTI-DIESELING .....                                | 1    |
| 9    | 29439GT   | COIL, AUTOMATIC CHOKE, .....                                  | 1    |
| 10   | 30810GT   | SENDING UNIT,OIL PRESSURE*** .....                            | 1    |
|      |           | dual-terminal sender                                          |      |
| 11   | 28662GT   | FILTER,FUEL,LRG-423,SCREW-IN .....                            | 1    |
| 12   | 34058GT   | SENDING UNIT,TMP,FRD,GM,PRK704 .....                          | 1    |
| 13   | 28656GT   | FILTER,OIL,FORD .....                                         | 1    |
|      |           | Genie genuine part                                            |      |
| 13-  | 1259054GT | FILTER, OIL, FORD .....                                       |      |
|      |           | Genie aftermarket                                             |      |
| 14   | 46164GT   | FUEL PUMP KIT,FORD LRG 423*** .....                           | 1    |
|      |           | includes fuel pump, filter, hose end and two different elbows |      |
| 14-  | 46160GT   | FUEL PUMP,ELECTRONIC .....                                    | 1    |
| 14-  | 28662GT   | FILTER,FUEL,LRG-423,SCREW-IN .....                            | 1    |
| 14-  | 27087GT   | HOSE END,MALE PIPE,WH#1551 .....                              | 1    |
| 14-  | 22585GT   | ELBOW,130239-2-2 .....                                        | 1    |
| 14-  | 38922GT   | ELBOW,90DEG.1/8MPT-5/16 BARB .....                            | 1    |

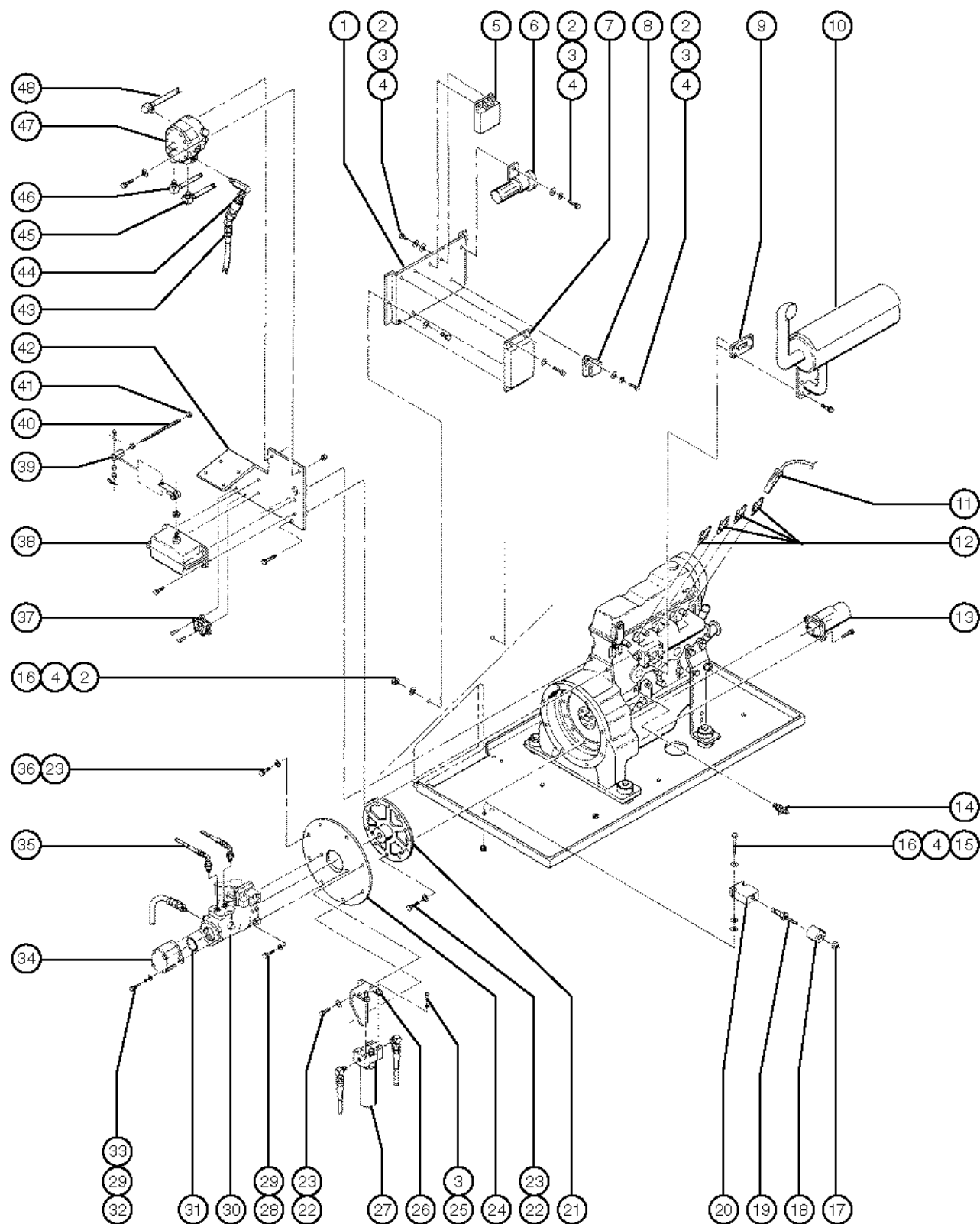
401.1 Ford Gasoline/LPG Engine - View 1





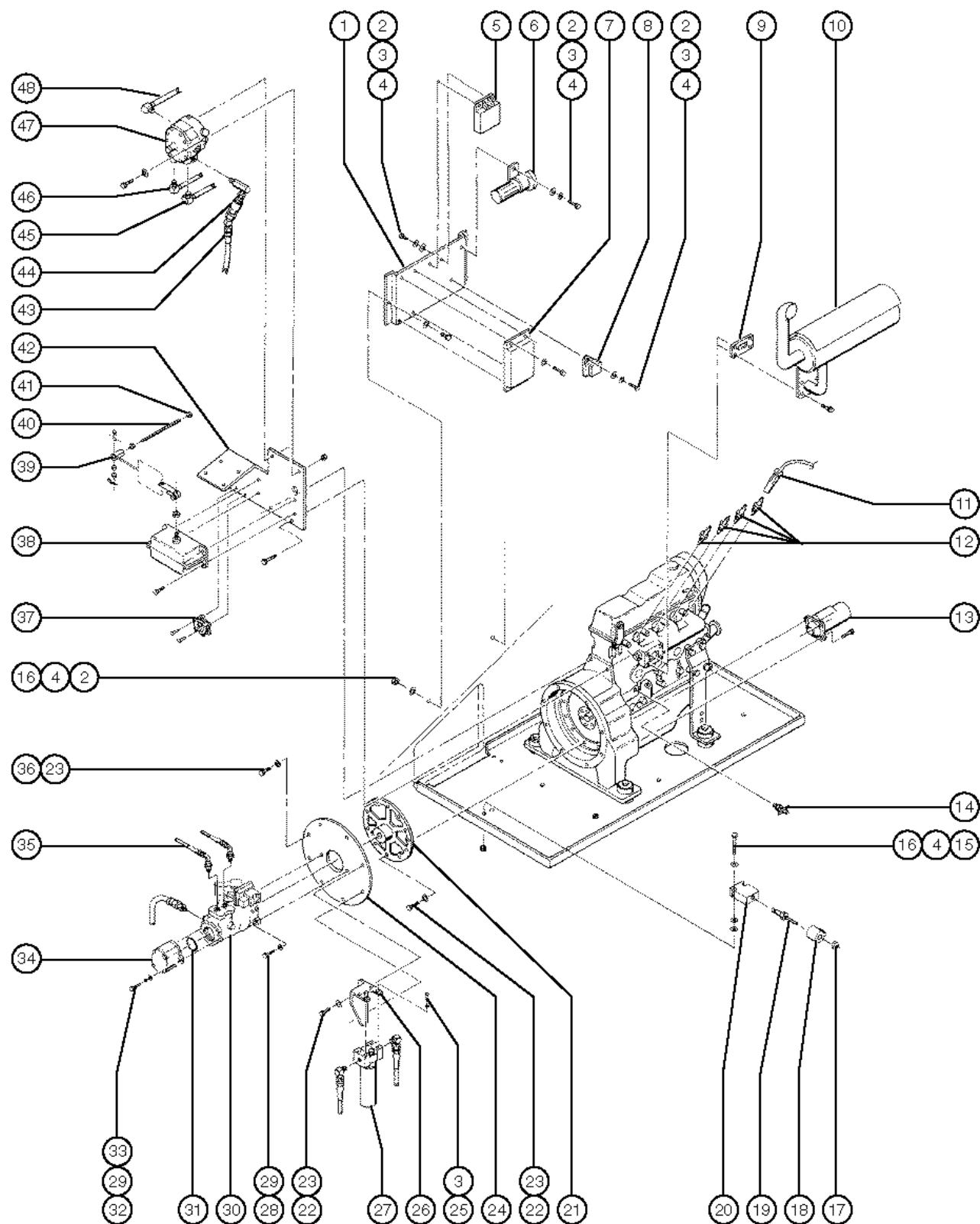
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------|-------------|
| 15          | 28659GT         | GASKET,FUEL PUMP,FORD .....       | 1           |
| 16          | 27210GT         | ELBOW,90DEG.6 X 14 .....          | 1           |
| 17          | 28020GT         | HOSE ASSY,MOTOR OIL DRAIN .....   | 1           |
| 18          | 19141GT         | PLUG,MALE,070109-6 .....          | 1           |
| 19          | 28716GT         | ALTERNATOR,FORD LSG-423*** .....  | 1           |
| 20          | 28652GT         | BELT,V, FAN/ALT,FORD LSG423 ..... | 2           |
| 21          | 45171GT         | CLAMP,HOSE,1.75,LINED .....       | 2           |
| 22          | 28769GT         | HOSE,BOTTOM RADIATOR,FORD .....   | 1           |
| 23          | 28666GT         | PUMP,WATER,FORD .....             | 1           |
| 24          |                 | GASKET,WATER PUMP,FORD .....      | 1           |
|             |                 | (no longer available)             |             |
| 25          | 28770GT         | HOSE, TOP RADIATOR,FORD .....     | 1           |
| 26          |                 | THERMOSTAT & SEAL,FORD .....      | 1           |
|             |                 | no longer available from supplier |             |
| 27          | 28654GT         | SEAL,THERMOSTAT,FORD .....        | 1           |
| 28          | 28653GT         | GASKET,WATER OUTLET,FORD .....    | 1           |

402.1 Ford Gasoline/LPG Engine - View 2



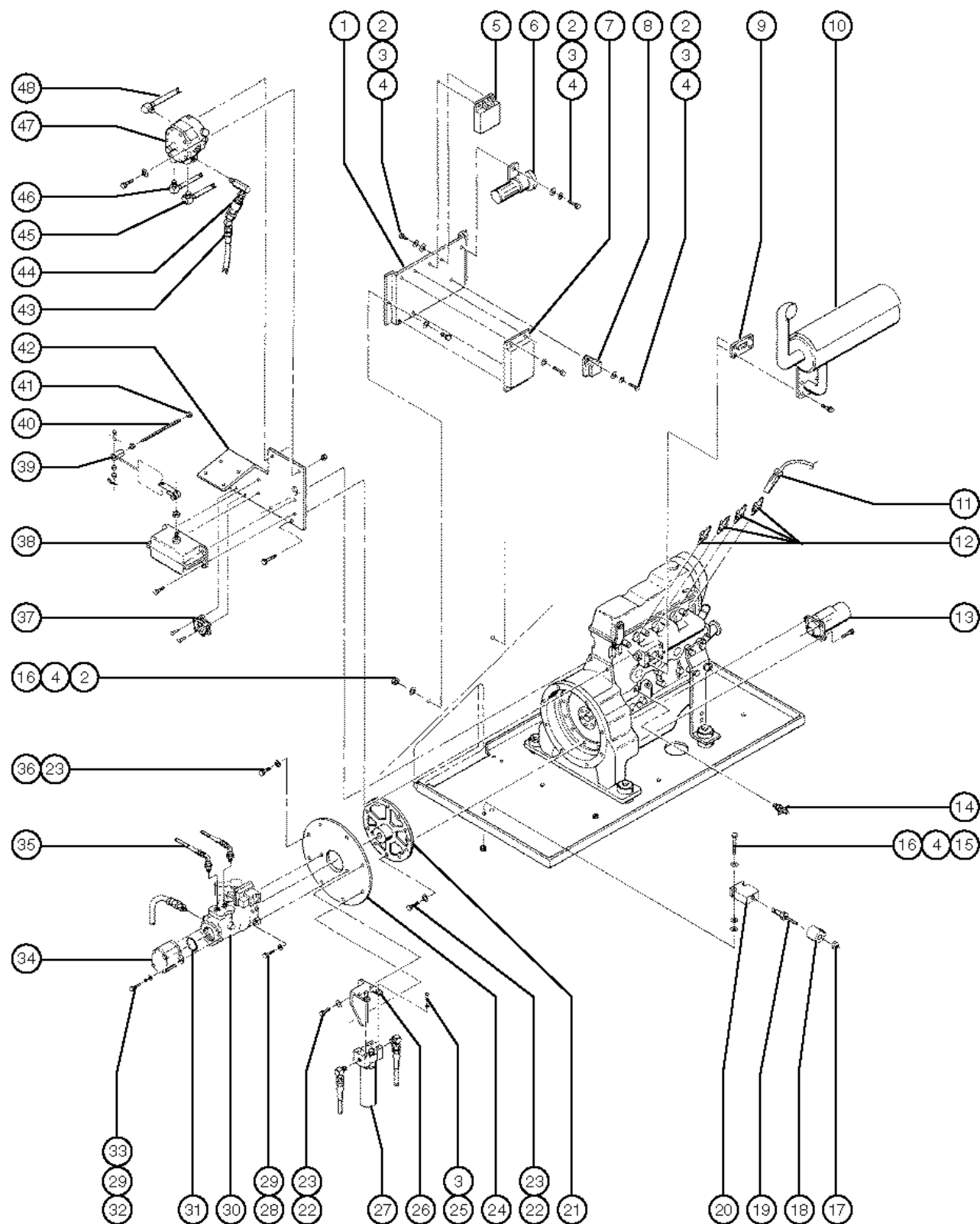
| Item | Part No.  | Description                          | Qty. |
|------|-----------|--------------------------------------|------|
|      | 28718GT   | BELT,TIMING,FORD LSG-423** .....     |      |
| 1    | 31250GT   | IGNITION MODULE MTG.PLATE ASSY ..... | 1    |
|      |           | no longer available                  |      |
| 2    | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....      | 13   |
| 3    | 6356GT    | WASHER, LOCK, .25 .....              | 15   |
| 4    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....       | 14   |
| 5    | 27922GT   | IGNITION, ELECTRONIC, FORD .....     | 1    |
| 6    | 28664GT   | COIL, IGNITION,FORD .....            | 1    |
| 7    | 27908GT   | GOVERNOR,CNTRLR,FORD,LSG 423 .....   | 1    |
| 8    | 27919GT   | REGULATOR, VOLTAGE, Z45GP91 .....    | 1    |
| 9    | 27142GT   | GASKET,EXHAUST*** .....              | 1    |
| 10   | 48439GT   | MUFFLER,EXH,FORD,BIG BOOMS*** .....  | 1    |
| 11   | 28648GT   | SPARK PLUG WIRE SET, LSG 423 .....   | 1    |
|      |           | Genie genuine part                   |      |
| 11-  | 1259056GT | SPARK PLUG WIRE SET, LSG 423 .....   |      |
|      |           | Genie aftermarket                    |      |
| 12   | 28647GT   | SPARK PLUG,FORD .....                | 4    |
| 13   | 29616GT   | STARTER,ENGINE,FORD LSG/LRG*** ..... | 1    |
| 13   | 29606GT   | RING GEAR,FORD*** .....              |      |
|      |           | FITS LSG-LRG 423, AND LRG425         |      |
| 14   | 28717GT   | VALVE,DRAIN,FORD,BLOCK,RAD. ....     | 1    |
| 15   | 8179GT    | SCREW,HHC,1/4-20 X 2.25 .....        | 2    |
| 16   | 6091GT    | NUT, NYLOCK, 1/4-20 .....            | 4    |
| 17   | 52943GT   | NUT, SOLENOID VALVE COIL .....       | 1    |
| 18   | 29744GT   | COIL,10V .....                       | 1    |
| 19   | 29066GT   | VALVE,SOLENOID,10V,2POS 3WAY** ..... | 1    |
|      |           | includes index number 17 and 18      |      |
| 20   | 30369GT   | SOLENOID VALVE,N.C. 2POS. 3WAY ..... | 1    |
|      |           | includes index number 17 - 19        |      |
| 20-  | 48877GT   | CONN,520120-4-6,.025 ORI .....       | 1    |
| 21   | 28836GT   | COUPLING KIT,FLYWHEEL,FL 15T .....   | 1    |
|      |           | (includes flexplate and coupler)     |      |
| 21-  | 37002GT   | COUPLER,HUB,15 TOOTH 7/16BOLT* ..... | 1    |
| 22   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....  | 8    |
| 23   | 6021GT    | WASHER, LOCK, .375 .....             | 14   |

402.1 Ford Gasoline/LPG Engine - View 2



| Item | Part No.     | Description                                                            | Qty. |
|------|--------------|------------------------------------------------------------------------|------|
| 24   | 25571P-SGT   | PLATE,PUMP MOUNT,FORD,PAINTED .....                                    | 1    |
| 25   | 7339GT       | SCREW,HHC,1/4-20 X .5 .....                                            | 4    |
| 26   | 30230P-SGT   | FILTER MOUNT BRACKET .....                                             | 1    |
| 27   |              | FILTER ASY,M PRESS,SAE8,WOIND* (77139) .....                           | 1    |
|      |              | component no longer available                                          |      |
| 27-  | 60857GT      | FILTER,ELEMENT,BETA(5)=1000 .....                                      |      |
|      |              | for 77139                                                              |      |
| 27-  | 20880GT      | FILTER ELEMENT-10 MIC.*** .....                                        | 1    |
|      |              | for 20879 (no longer available)                                        |      |
| 27A  | 1267807GT    | ASSEMBLY, MED. PRESS. FILTER, SAE8 .....                               |      |
| 27A- | 1268229GT    | ELEMENT-5 MIC, PAPER, W/ BYPASS .....                                  |      |
|      |              | for 1267807                                                            |      |
| 28   | 8177GT       | SCREW,HHC,1/2-13 X 1.5 .....                                           | 2    |
| 29   | 6033GT       | WASHER,LOCK,0.5" .....                                                 | 4    |
| 30   | 46674GT      | PUMP,VAR.PISTON M46 2.8 CIQVP* .....                                   | 1    |
| 30-  | 29739GT      | SEAL KIT,SAUER-DANFOSS M46*** .....                                    | 1    |
| 31   | 29436GT      | O-RING*** .....                                                        | 1    |
| 32   | 10597GT      | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                      | 2    |
| 33   | 13066GT      | WASHER,FLAT,.5 HARDENED .....                                          | 2    |
| 34   | 53961GT      | PUMP,LIFT 1.025 C.I.*** .....                                          | 1    |
|      |              | use in place of previous pump 31248                                    |      |
| 34-  | 53962GT      | SEAL KIT,LIFT PUMP (53961)*** .....                                    |      |
|      |              | use with pump 53961                                                    |      |
| 34-  | 31249GT      | SEAL KIT,LIFT PUMP** .....                                             | 1    |
|      |              | use with pump 31248                                                    |      |
| 35   |              | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28) ..... | 1    |
| 36   | 6175GT       | SCREW,HHC,3/8-16 X 1 .....                                             | 2    |
| 37   | 22278GT      | SWITCH,VACUUM .....                                                    | 1    |
| 38   | 27917GT      | GOVERNOR,MECHNCL,FORD LSG423 .....                                     | 1    |
| 39   | 21130GT      | CLEVIS YOKE-1/4-28,PLTD W/PIN .....                                    | 1    |
|      |              | includes clevis pin                                                    |      |
| 40   | 30785-1000GT | THREADED ROD,1/4-28 X 10 IN*** .....                                   | 1    |
| 41   | 21496GT      | NUT,HEX,1/4-28 .....                                                   | 2    |
| 42   | 30224PGT     | BRACKET,LP REG/AIR FILTER,PNTD .....                                   | 1    |
| 43   | 25967GT      | HOSE ASSEMBLY,LP GAS-86" LNG** .....                                   | 1    |
| 44   | 27010GT      | VALVE,LOCK OFF,BEAM #FL-418 .....                                      | 1    |

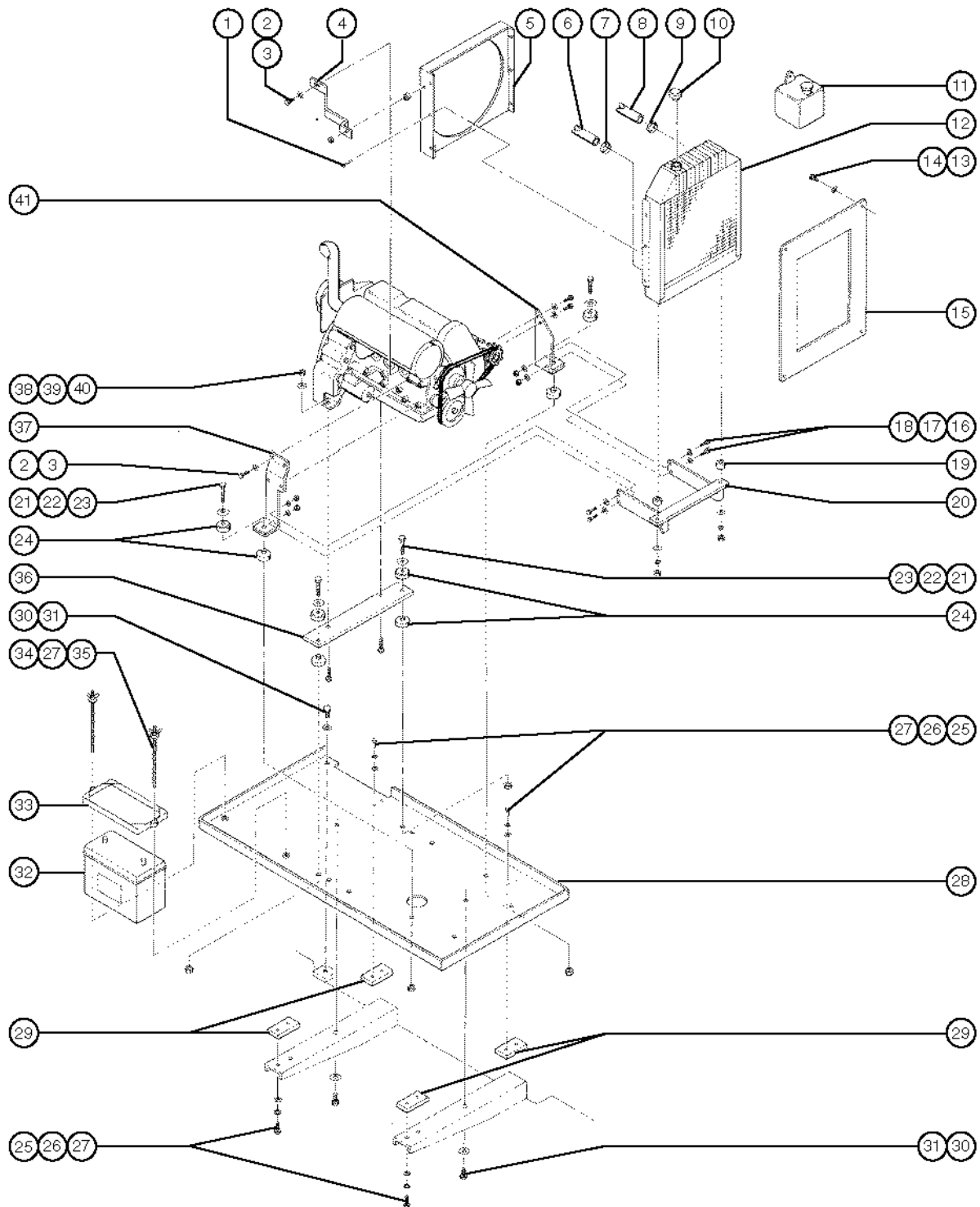
402.1 Ford Gasoline/LPG Engine - View 2



## 402.1 Ford Gasoline/LPG Engine - View 2

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                         | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------------|-------------|
| 44-         | 27042GT         | ELBOW,90DEG.1/4MPT,1/4SW,NPTF .....                                        | 1           |
| 45          |                 | Ref. Hose -3/8 x 19.5 inches (50 cm), Regulator to Water Pump .....        | 1           |
| 46          |                 | Ref. Hose -3/8 x 25 inches (63.5 cm), Regulator to Intake Manifold .....   | 1           |
| 47          |                 | REGULATOR,LPG,BEAM #120A .....                                             | 1           |
|             |                 | no longer available                                                        |             |
| 47-         | 32768GT         | REGULATOR DIAPH.KIT BEAM 120A .....                                        | 1           |
| 48          |                 | Ref. Hose -5/8 x 9.5 inches (24 cm), Regulator to Carburetor Venturi ..... | 1           |

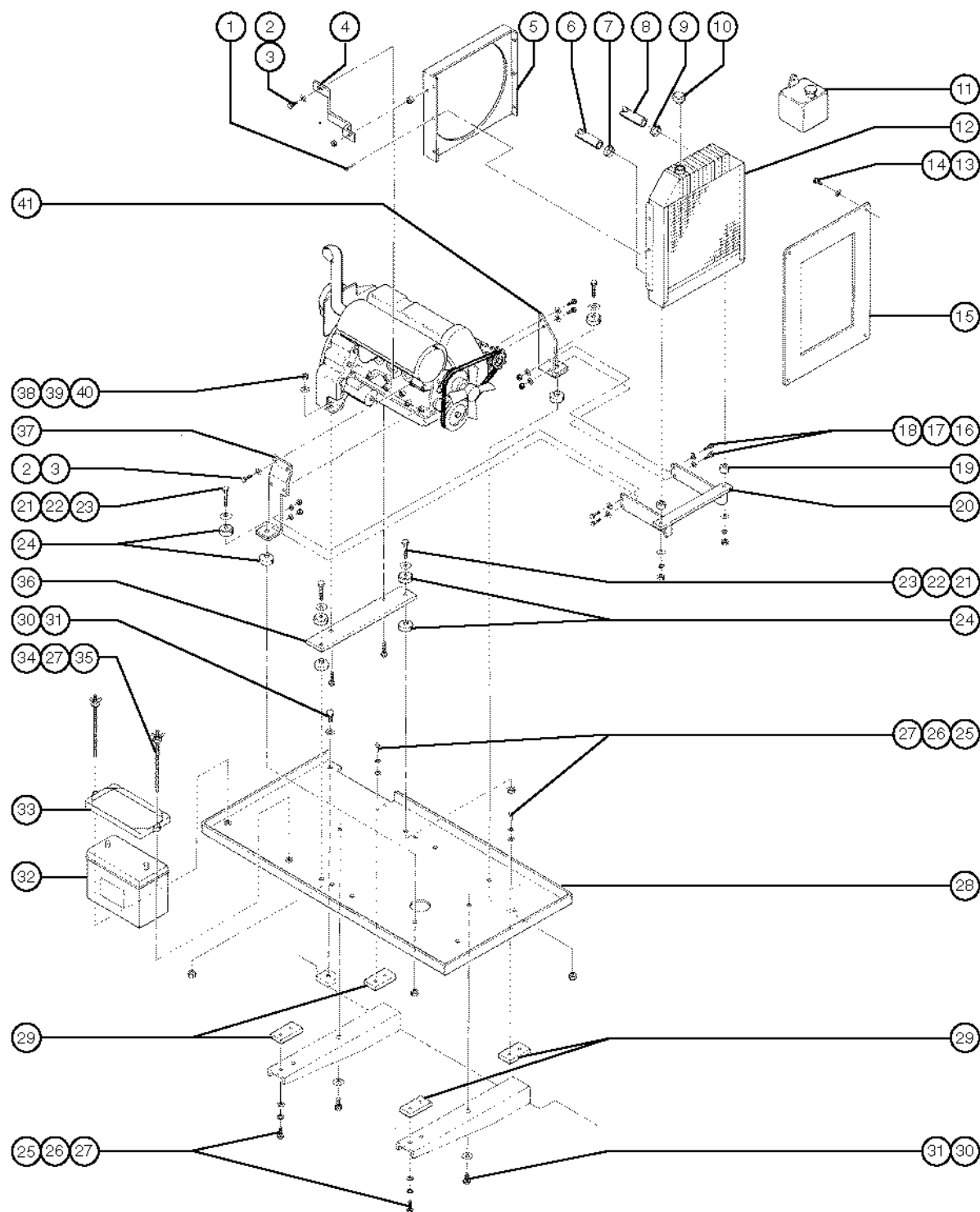
403.1 Ford Gasoline/LPG Engine - View 3





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 21018GT         | SCREW,PHIL,PHM,10-24 X.38,SEMS ..... | 6           |
| 2           | 27034GT         | SCREW,HHC,M10 X 25MM,GR 8.8 .....    | 7           |
| 3           | 22700GT         | WASHER,LOCK,M10 .....                | 7           |
| 4           | 27022PGT        | MOUNT,RAD.SUPPT.,RH,PAINTED .....    | 1           |
| 5           | 27639PGT        | RADIATOR SHROUD,PAINTED .....        | 1           |
| 6           | 28769GT         | HOSE,BOTTOM RADIATOR,FORD .....      | 1           |
| 7           | 13014GT         | CLAMP,HOSE,2.25" DIA. ....           | 1           |
| 8           | 28770GT         | HOSE, TOP RADIATOR,FORD .....        | 1           |
| 9           | 45171GT         | CLAMP,HOSE,1.75,LINED .....          | 1           |
| 10          | 27943GT         | CAP,RADIATOR,FORD*** .....           | 1           |
| 11          | 1279268GT       | BOTTLE, COOLANT RECOVERY, 2QT .....  | 1           |
| 11-         | 72327GT         | CAP, COOLANT RET SYS(54071) .....    | 1           |
| 12          | 27942GT         | RADIATOR,FORD (LSG) .....            | 1           |
| 12-         | 28717GT         | VALVE,DRAIN,FORD,BLOCK,RAD. ....     | 1           |
| 13          | 6175GT          | SCREW,HHC,3/8-16 X 1 .....           | 4           |
| 14          | 6021GT          | WASHER, LOCK, .375 .....             | 4           |
| 15          | 30720PGT        | BAFFLE,AIR,FORD,PAINTED .....        | 1           |
| 16          | 8516GT          | SCREW, HCC, 3/8-16 X 1.50 .....      | 4           |
| 17          | 6097GT          | WASHER, FLAT, USS, 3/8", Y .....     | 8           |
| 18          | 4828GT          | NUT, NYLOCK, 3/8-16 .....            | 4           |
| 19          | 24038GT         | SHOCK MOUNT,SMALL .....              | 2           |
| 20          | 27640GT         | WELDMENT,RADIATOR MOUNT .....        | 1           |
| 21          | 6023GT          | SCREW,HHC,5/8-11 X 3.5 .....         | 4           |
| 22          | 6035GT          | WASHER,FLAT,USS,5/8",Y .....         | 4           |
| 23          | 6024GT          | NUT,NYLOCK,5/8-11 .....              | 4           |
| 24          | 28076GT         | ISOLATOR,VIBRATION,LG,RD&WH*** ..... | 4           |
| 25          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....       | 8           |
| 26          | 6356GT          | WASHER, LOCK, .25 .....              | 8           |

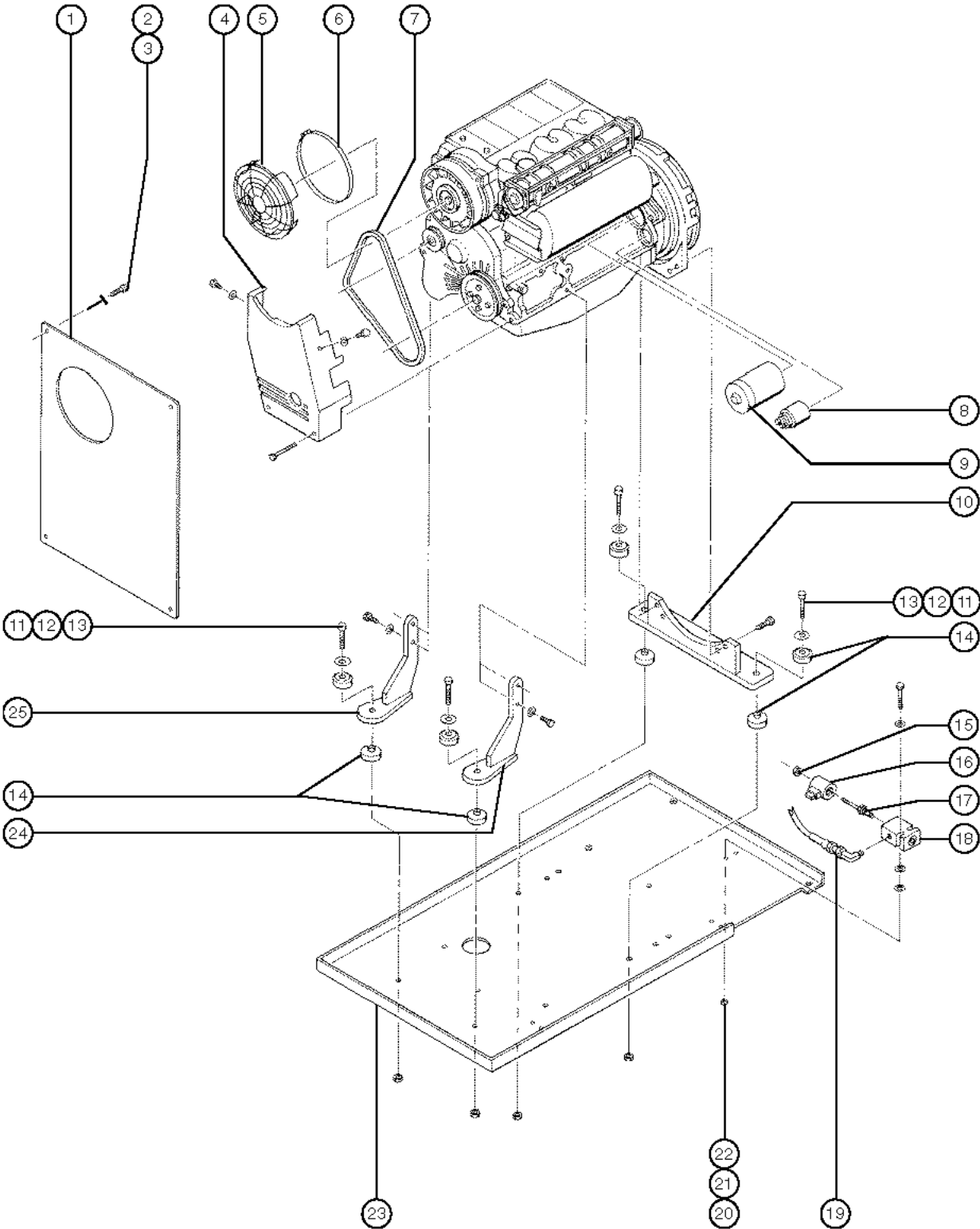
403.1 Ford Gasoline/LPG Engine - View 3



## 403.1 Ford Gasoline/LPG Engine - View 3

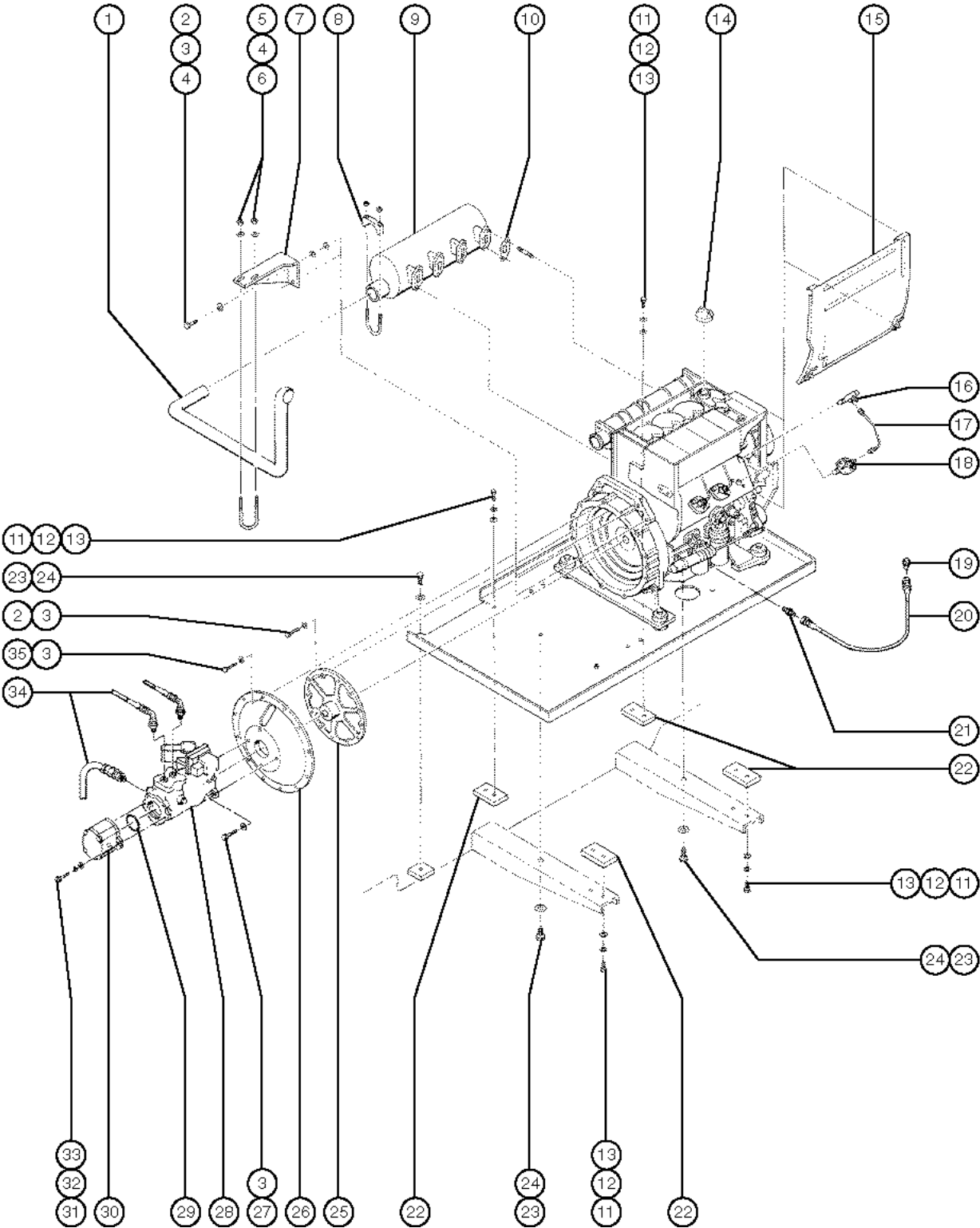
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 27          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....       | 8           |
| 28          | 30679-SGT       | WELDMENT, ENGINE MODULE PLATE .....  | 1           |
| 29          | 45209GT         | WEAR PAD,4X2X.5 W/INSERT*** .....    | 4           |
| 30          | 29883GT         | SCREW,HHC,5/8-11 X 1.75 GRD.8 .....  | 3           |
| 31          | 13064GT         | WASHER,FLAT,.625 HARDENED .....      | 3           |
| 32          | 1303581GT       | BATTERY, 12V, 950CCA, FLA .....      | 1           |
| 33          | 30144GT         | BATTERY HOLD DOWN,GROUP 31 .....     | 1           |
| 34          | 30784-975GT     | THREADED ROD,(1/4-20),9.75 .....     | 2           |
| 35          | 8170GT          | NUT,WING,1/4-20 .....                | 2           |
| 36          | 28234P-SGT      | PLATE,ENGINE MOUNT,PAINTED .....     | 1           |
| 37          | 29296GT         | WELDMENT,FORD ENG.MNT,OUTBOARD ..... | 1           |
| 38          | 6198GT          | NUT, NYLOCK, 1/2-13 .....            | 2           |
| 39          | 6095GT          | WASHER,FLAT,USS,1/2",Y .....         | 2           |
| 40          | 10598GT         | SCREW,HHC,1/2-13 X 3 .....           | 2           |
| 41          | 29297GT         | WELDMENT,FORD ENG.MNT,INBOARD .....  | 1           |

404.1 Deutz Diesel Engine - View 1



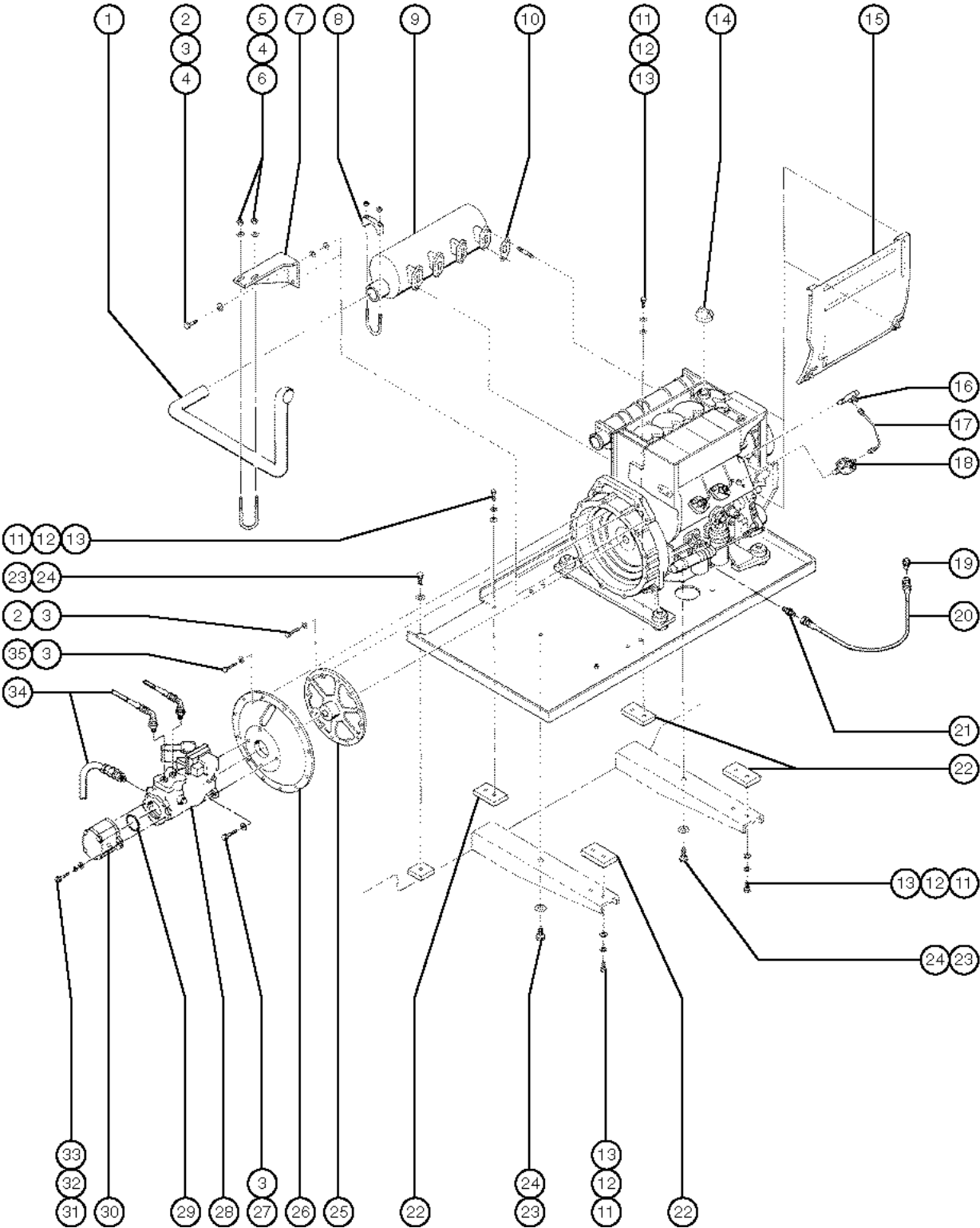
| Item | Part No.  | Description                                                                                          | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------|------|
|      | 70453GT   | ENGINE,DEUTZ D2011L03I<br>F3L1011 AND F3L1011F Engines only                                          |      |
| 1    | 30721PGT  | BAFFLE,AIR,DEUTZ,PAINTED                                                                             | 1    |
| 2    | 6175GT    | SCREW,HHC,3/8-16 X 1                                                                                 | 4    |
| 3    | 6021GT    | WASHER, LOCK, .375                                                                                   | 4    |
| 4    | 29555GT   | COVER,FRONT DEUTZ ENGINE<br>four 8mm bolts are used to fasten the cover, two 1/2" long, two 4" long. | 1    |
| 5    | 31522GT   | GUARD,FAN,DEUTZ F4L1011                                                                              | 1    |
| 6    | 31523GT   | CLAMP,HOSE,8.50 DIA***                                                                               | 1    |
| 7    | 32698GT   | BELT                                                                                                 | 1    |
| 8    | 29552GT   | STARTER SOLENOID, DEUTZ 25484                                                                        | 1    |
| 9    | 29551GT   | STARTER ASSY - PRE 8/14/95<br>includes index number 8                                                | 1    |
| 10   | 29550GT   | WELDMENT,DEUTZ ENGINE MOUNT                                                                          | 1    |
| 11   | 21175GT   | SCREW,SHC,5/8-11 X 4,A574                                                                            | 4    |
| 12   | 6035GT    | WASHER,FLAT,USS,5/8",Y                                                                               | 4    |
| 13   | 6024GT    | NUT,NYLOCK,5/8-11                                                                                    | 4    |
| 14   | 28076GT   | ISOLATOR,VIBRATION,LG,RD&WH***                                                                       | 4    |
| 15   | 52943GT   | NUT, SOLENOID VALVE COIL                                                                             | 1    |
| 16   | 29744GT   | COIL,10V                                                                                             | 1    |
| 17   | 29066GT   | VALVE,SOLENOID,10V,2POS 3WAY**<br>includes index numbers 15 and 16                                   | 1    |
| 18   | 30369GT   | SOLENOID VALVE,N.C. 2POS. 3WAY<br>includes index numbers 15 through 17                               | 1    |
| 19   |           | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28)                                     | 1    |
| 20   | 6091GT    | NUT, NYLOCK, 1/4-20                                                                                  | 2    |
| 21   | 6638GT    | WASHER, FLAT, USS, 1/4"Y                                                                             | 6    |
| 22   | 8179GT    | SCREW,HHC,1/4-20 X 2.25                                                                              | 2    |
| 23   | 30679-SGT | WELDMENT, ENGINE MODULE PLATE                                                                        | 1    |
| 24   | 32748GT   | WELMENT,DEUTZ ENGINE MOUNT                                                                           | 1    |
| 25   | 32749GT   | WELDMENT,DEUTZ ENGINE MOUNT                                                                          | 1    |

405.1 Deutz Diesel Engine - View 2



| Item | Part No. | Description                                                                       | Qty. |
|------|----------|-----------------------------------------------------------------------------------|------|
|      | 33729GT  | RING GEAR,DEUTZ F3 & F4L1011*<br>(please verify ring gear thickness) 0.365 inches | 1    |
|      | 49917GT  | RING GEAR,DEUTZ F3 & F4L1011F*<br>(please verify ring gear thickness) 0.46 inches | 1    |
|      | 89785GT  | RING GEAR,DEUTZ F3L2011F<br>(please verify ring gear thickness) 0.6 inches        | 1    |
| 1    | 30660GT  | EXHAUST,TAILPIPE,DEUTZ,S40                                                        | 1    |
| 2    | 6019GT   | SCREW,HHC,3/8-16 X 1.25 GRD 5                                                     | 14   |
| 3    | 6021GT   | WASHER, LOCK, .375                                                                | 25   |
| 4    | 6097GT   | WASHER, FLAT, USS, 3/8", Y                                                        | 4    |
| 5    | 6002GT   | NUT, LP NYLOCK, 5/16-18                                                           | 2    |
| 6    | 16584GT  | U-BOLT, KIT 5/16-18 X 2.5 ***                                                     | 1    |
| 7    | 30674GT  | WELDMENT,EXHAUST SUPPORT                                                          | 1    |
| 8    | 30438GT  | CLAMP,MUFFLER,2 1/4" ID.                                                          | 1    |
| 9    | 32695GT  | MUFFLER,DEUTZ                                                                     | 1    |
| 10   | 29559GT  | GASKET,EXHAUST                                                                    | 4    |
| 11   | 6090GT   | SCREW, HHC, 1/4-20 X .75                                                          | 8    |
| 12   | 6356GT   | WASHER, LOCK, .25                                                                 | 8    |
| 13   | 6638GT   | WASHER, FLAT, USS, 1/4"Y                                                          | 8    |
| 14   | 29557GT  | CAP,OIL FILLER,DEUTZ,DIESEL ***                                                   | 1    |
| 15   | 32696GT  | COVER,DEUTZ ENGINE                                                                | 1    |
| 16   | 32697GT  | INJECTOR,DEUTZ                                                                    | 3    |
| 17   | 29564GT  | INJECTOR, FUEL LINE DEUTZ DSL                                                     | 3    |
| 18   | 32699GT  | INJECTION PUMP,DEUTZ DIESEL                                                       | 3    |
| 19   | 19141GT  | PLUG,MALE,070109-6                                                                | 1    |
| 20   | 30964GT  | HOSE ASSEMBLY, 33"                                                                | 1    |
| 21   | 30963GT  | CONNECTOR,M18 X 8 JIC                                                             | 1    |
| 22   | 45209GT  | WEAR PAD,4X2X.5 W/INSERT***                                                       | 4    |
| 23   | 29883GT  | SCREW,HHC,5/8-11 X 1.75 GRD.8                                                     | 3    |
| 24   | 13064GT  | WASHER,FLAT,.625 HARDENED                                                         | 3    |
| 25   | 28836GT  | COUPLING KIT,FLYWHEEL,FL 15T<br>(includes flexplate and coupler)                  | 1    |

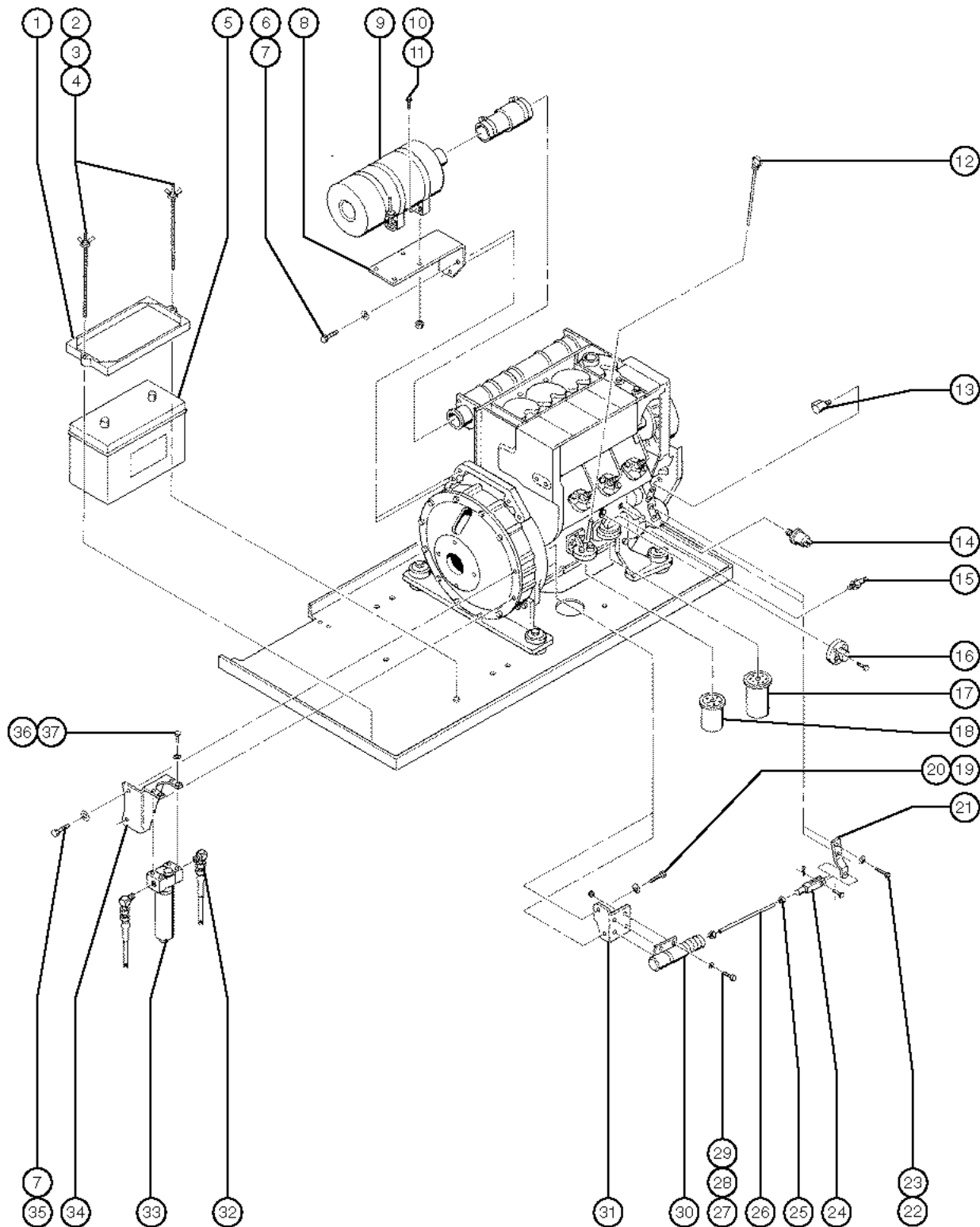
405.1 Deutz Diesel Engine - View 2





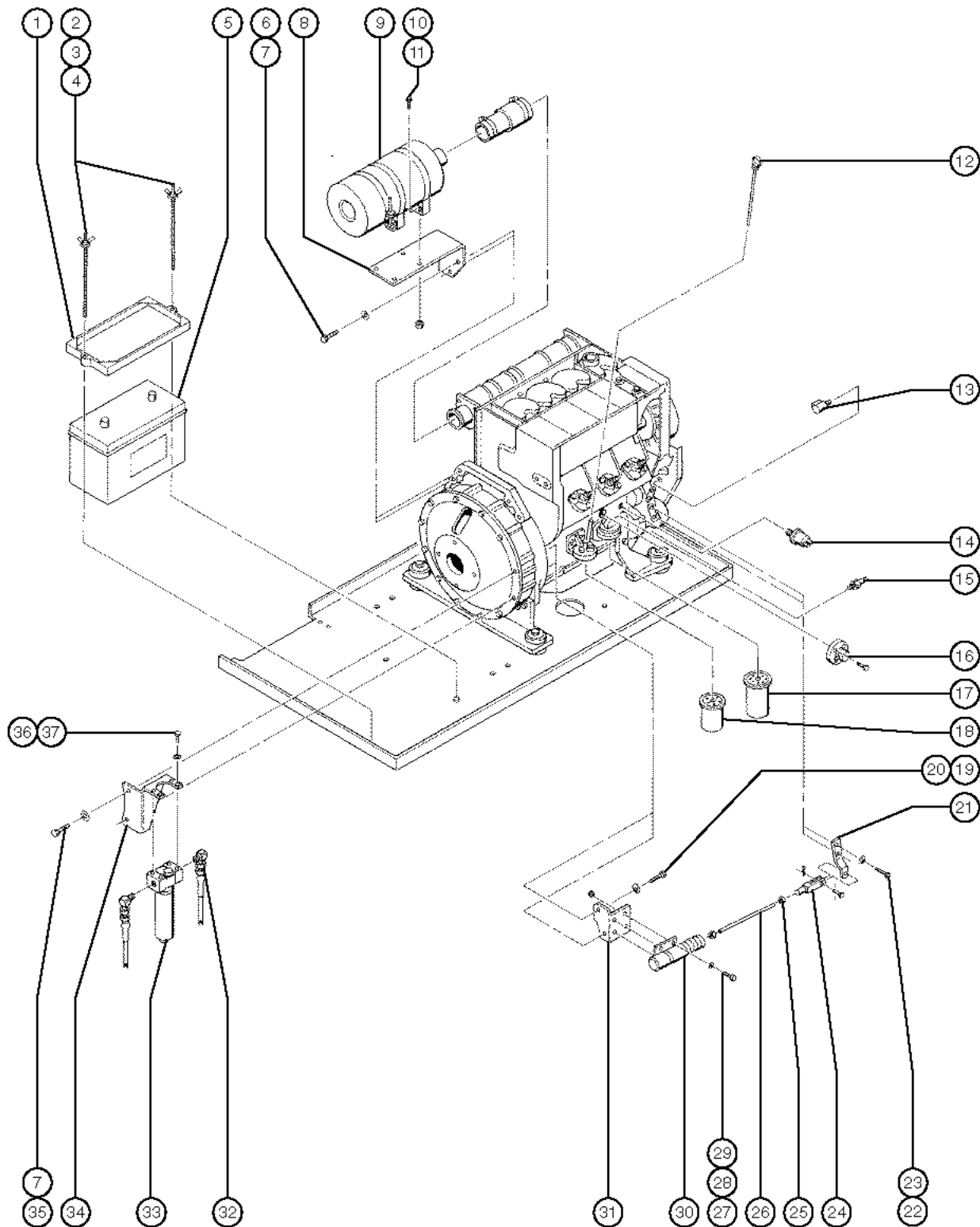
| Item | Part No. | Description                                                            | Qty. |
|------|----------|------------------------------------------------------------------------|------|
| 25-  | 37002GT  | COUPLER,HUB,15 TOOTH 7/16BOLT* .....                                   | 1    |
| 26   | 30806GT  | FLYWHEEL COVER,CASTING*** .....                                        | 1    |
| 27   | 6605GT   | SCREW,HHC,3/8-16 X 3.5,GR5 .....                                       | 2    |
| 28   | 46674GT  | PUMP,VAR.PISTON M46 2.8 CIQVP* .....                                   | 1    |
| 28-  | 29739GT  | SEAL KIT,SAUER-DANFOSS M46*** .....                                    | 1    |
| 29   | 29436GT  | O-RING*** .....                                                        | 1    |
| 30   | 53961GT  | PUMP,LIFT 1.025 C.I.***<br>use in place of previous pump 31248 .....   | 1    |
| 30-  | 53962GT  | SEAL KIT,LIFT PUMP (53961)***<br>use with pump 53961 .....             | 1    |
| 30-  | 31249GT  | SEAL KIT,LIFT PUMP**<br>use with pump 31248 .....                      |      |
| 31   | 10597GT  | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                      | 2    |
| 32   | 6033GT   | WASHER,LOCK,0.5" .....                                                 | 2    |
| 33   | 13066GT  | WASHER,FLAT,.5 HARDENED .....                                          | 2    |
| 34   |          | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28) ..... | 2    |
| 35   | 6175GT   | SCREW,HHC,3/8-16 X 1 .....                                             | 12   |

406.1 Deutz Diesel Engine - View 3



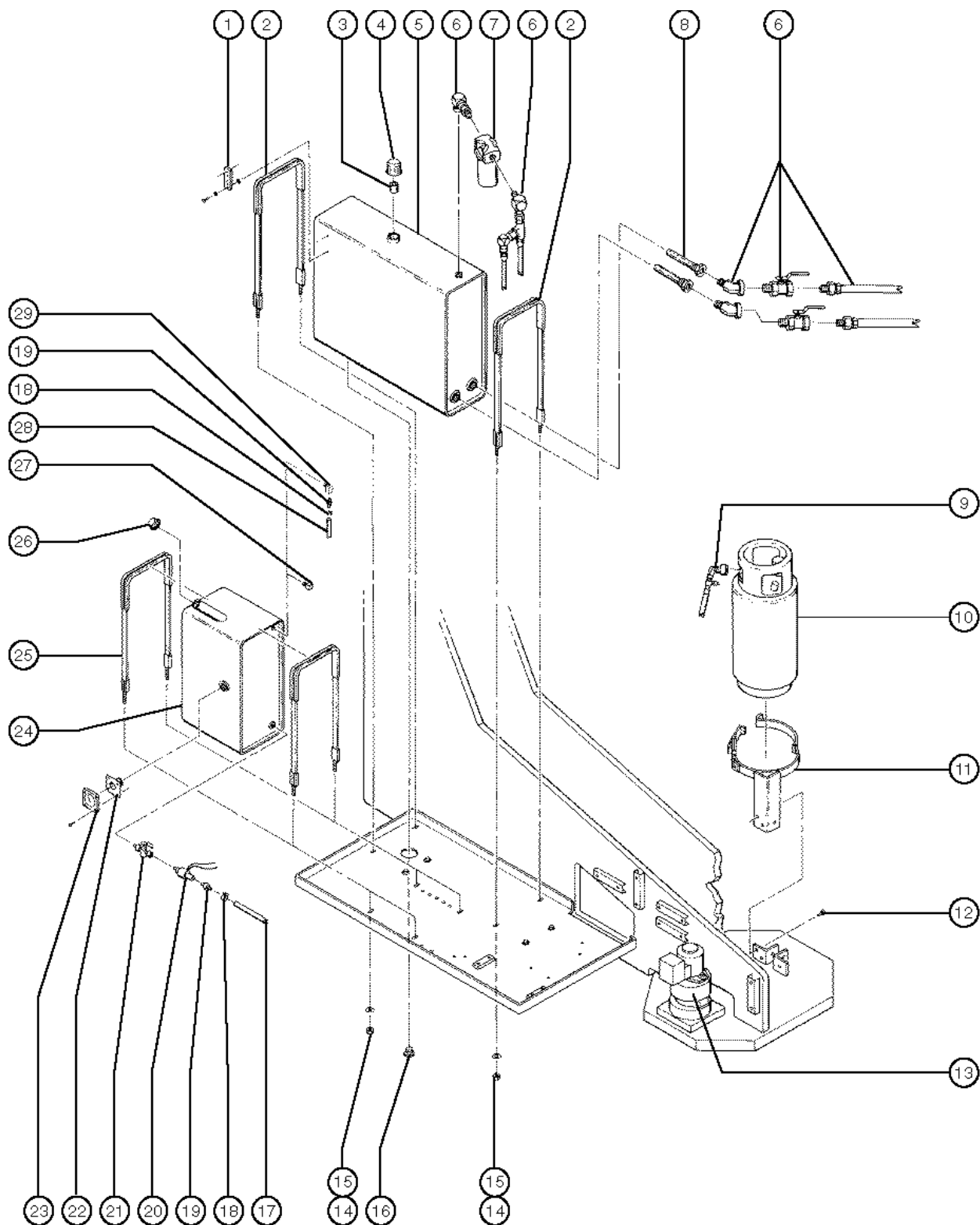
| Item | Part No.    | Description                                                                                                             | Qty. |
|------|-------------|-------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 30144GT     | BATTERY HOLD DOWN, GROUP 31 .....                                                                                       | 1    |
| 2    | 30784-975GT | THREADED ROD, (1/4-20), 9.75 .....                                                                                      | 2    |
| 3    | 6638GT      | WASHER, FLAT, USS, 1/4"Y .....                                                                                          | 2    |
| 4    | 8170GT      | NUT, WING, 1/4-20 .....                                                                                                 | 4    |
| 5    | 1303581GT   | BATTERY, 12V, 950CCA, FLA .....                                                                                         | 1    |
| 6    | 6019GT      | SCREW, HHC, 3/8-16 X 1.25 GRD 5 .....                                                                                   | 2    |
| 7    | 6021GT      | WASHER, LOCK, .375 .....                                                                                                | 4    |
| 8    | 30769PGT    | BRCKET, AIR CLEANER MTG. PAINT** .....                                                                                  | 1    |
| 9    | 27915GT     | AIR CLEANER<br>does NOT include mounting bands .....                                                                    | 1    |
| 9-   | 27916GT     | FILTER, AIR, ELEMENT*** .....                                                                                           | 1    |
| 9-   | 53952GT     | BRKT, AIR CLEANER ORIENTATION** .....                                                                                   |      |
| 9-   | 65815GT     | CLAMP, AIR CLEANER (27915)**<br>clamp that holds the end cap on .....                                                   | 1    |
| 9-   | 33931GT     | MOUNTING BAND (27915) .....                                                                                             | 2    |
| 10   | 18506GT     | SCREW 5/16-18 X .75 LG. FLG. LCK. ....                                                                                  | 4    |
| 11   | 6002GT      | NUT, LP NYLOCK, 5/16-18 .....                                                                                           | 4    |
| 12   | 32750GT     | DIPSTICK .....                                                                                                          | 1    |
| 13   | T114678GT   | SHUTDOWN SOLENOID, 12V, DEUTZ<br>(must order cable assembly, 58256, if replacing 32752) (does not include o-ring) ..... | 1    |
| 13-  | 58256GT     | SOLENOID CABLE ASSY*** .....                                                                                            |      |
| 13-  | 72255GT     | CONNECTOR, DEUTZ FUEL SHUTOFF*<br>(does not include diode, 45782) .....                                                 |      |
| 13-  | 56445GT     | DIODE, 6 AMP 200 PIV, REEL .....                                                                                        |      |
| 14   | 30805GT     | SENDING UNIT, OIL PRESS., DEUTZ .....                                                                                   | 1    |
| 14-  |             | SWITCH/SENDER, OIL TEMPERATURE<br>no longer available .....                                                             | 1    |
| 15   | 34059GT     | SENDING UNIT, OIL TEMP. ....                                                                                            | 1    |
| 15-  | 37033GT     | SENDING UNIT, OIL PRESS., DEUTZ*<br>for F41011 F style engine .....                                                     |      |
| 16   | 29562GT     | PUMP ASSY, FUEL, DEUTZ DIESEL .....                                                                                     | 1    |
| 17   | 29561GT     | FILTER, OIL .....                                                                                                       | 1    |
| 18   | 29560GT     | FILTER, FUEL/WTR SEP, DTZ 1008<br>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement. ....       | 1    |
| 18-  | 1254826GT   | FUEL FILTER W/SEP, DEUTZ, 1008<br>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine. ....                       | 1    |

406.1 Deutz Diesel Engine - View 3



| Item | Part No.     | Description                                                                   | Qty. |
|------|--------------|-------------------------------------------------------------------------------|------|
| 19   | 23057GT      | SCREW,HHC,M8 X 20MM .....                                                     | 2    |
| 20   | 6886GT       | WASHER,LOCK,.313 .....                                                        | 2    |
| 21   | 30796PGT     | BRACKET,ACTUATOR ARM,PAINTED .....                                            | 1    |
| 22   | 22578GT      | SCREW,HHC,M6 X 20MM,GR8.8 .....                                               | 2    |
| 23   | 6356GT       | WASHER, LOCK, .25 .....                                                       | 2    |
| 24   | 21130GT      | CLEVIS YOKE-1/4-28,PLTD W/PIN<br>includes clevis pin .....                    | 1    |
| 25   | 21496GT      | NUT,HEX,1/4-28 .....                                                          | 2    |
| 26   | 30785-1000GT | THREADED ROD,1/4-28 X 10 IN*** .....                                          | 1    |
| 27   | 6090GT       | SCREW, HHC, 1/4-20 X .75 .....                                                | 4    |
| 28   | 6638GT       | WASHER, FLAT, USS, 1/4"Y .....                                                | 4    |
| 29   | 6091GT       | NUT, NYLOCK, 1/4-20 .....                                                     | 4    |
| 30   | 29073GT      | SOLENOID,THROTTLE, .....                                                      | 1    |
| 31   |              | BRACKET,SOLENOID MTG.PAINTED<br>No longer available .....                     | 1    |
| 32   |              | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28) .....        | 1    |
| 33   |              | FILTER ASY,M PRESS,SAE8,WOIND* (77139)<br>component no longer available ..... | 1    |
| 33-  | 20880GT      | FILTER ELEMENT-10 MIC.***<br>for 20879 .....                                  | 1    |
| 33-  | 60857GT      | FILTER,ELEMENT,BETA(5)=1000<br>for 77139 .....                                |      |
| 33A  | 1267807GT    | ASSEMBLY, MED. PRESS. FILTER, SAE8 .....                                      |      |
| 33A- | 1268229GT    | ELEMENT-5 MIC, PAPER, W/ BYPASS<br>for 1267807 .....                          |      |
| 34   | 30230P-SGT   | FILTER MOUNT BRACKET .....                                                    | 1    |
| 35   | 6019GT       | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                           | 2    |
| 36   | 7339GT       | SCREW,HHC,1/4-20 X .5 .....                                                   | 4    |
| 37   | 6356GT       | WASHER, LOCK, .25 .....                                                       | 4    |

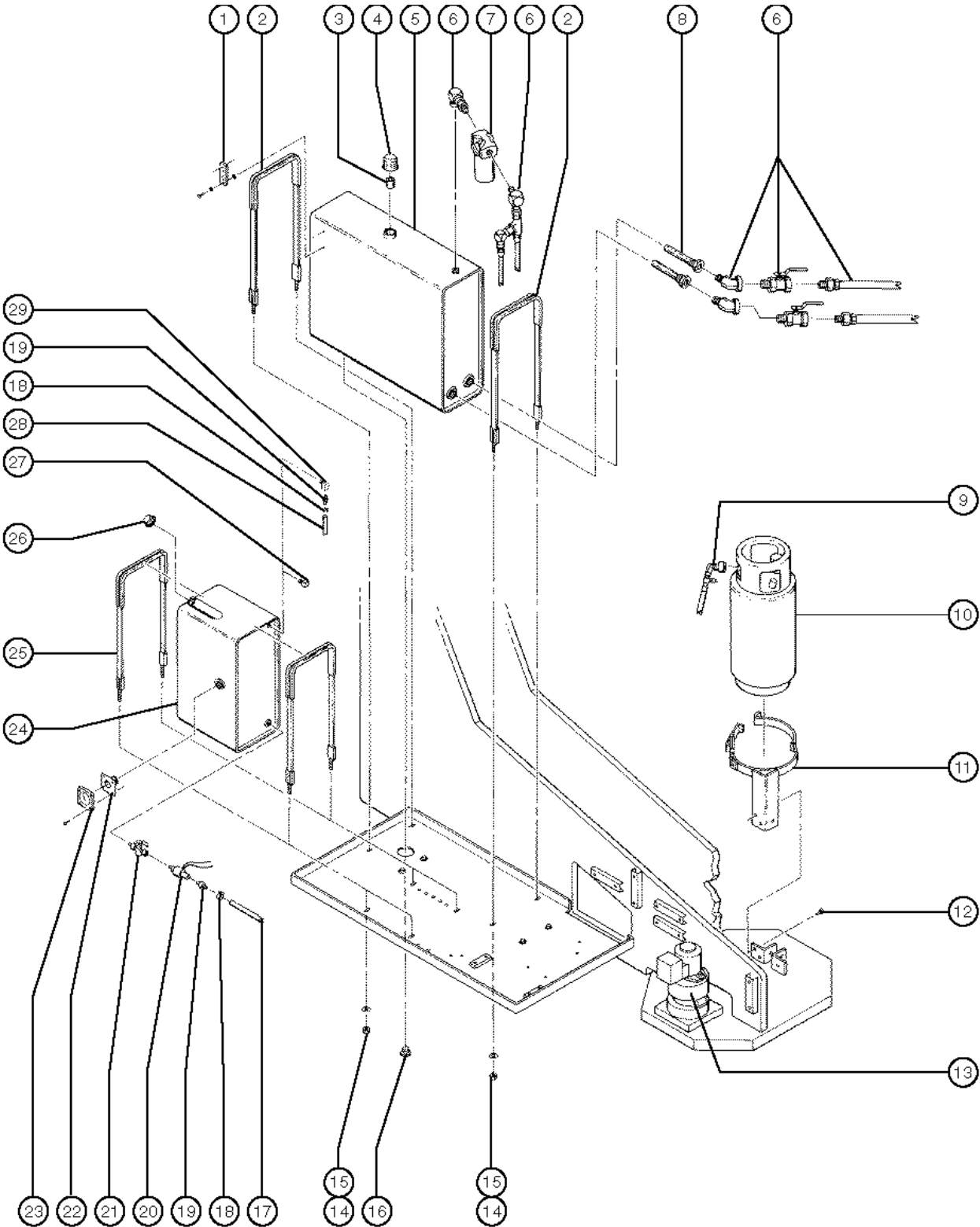
501.1 Hydraulic and Fuel Tanks



## 501.1 Hydraulic and Fuel Tanks

| Item | Part No.  | Description                                                                                               | Qty. |
|------|-----------|-----------------------------------------------------------------------------------------------------------|------|
|      | 34980-SGT | OIL COOLER KIT,S60,S80 PARKER<br>for units prior to 1998 with synflex hoses order part number 46990 ..... |      |
| 1    | 21141GT   | GAUGE-SIGHT,LHA-LGTB***<br>includes mounting fasteners .....                                              | 1    |
| 2    | 31524GT   | STRAP ASSY,TANK, 66 INCH .....                                                                            | 2    |
| 3    | 31506GT   | STRAINER,FILLER NECK .....                                                                                | 1    |
| 4    | 53534GT   | FILTER SCREEN,TANK BREATHER .....                                                                         | 1    |
| 5    | 58211GT   | HYDRAULIC TANK ASSY,S40/80***<br>includes index number 1, 3, 4, 8 and 16 .....                            | 1    |
| 6    |           | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28) .....                                    | 1    |
| 7    | 29908GT   | FILTER ASSY W/INDICATOR LH .....                                                                          | 1    |
| 7-   | 20293GT   | FILTER ELEMENT-10MICRON.** .....                                                                          | 1    |
| 8    | 45161GT   | STRAINER ASSEMBLY,1.5" NPT .....                                                                          | 2    |
| 9    | 25967GT   | HOSE ASSEMBLY,LP GAS-86" LNG** .....                                                                      | 1    |
| 10   | 53605GT   | TANK, 7 GAL/33.5 POUND, LP .....                                                                          | 1    |
| 11   | 30711GT   | LP.TANK BRKT W/LDMT.,TALL .....                                                                           | 1    |
|      |           | Gasoline/LPG models                                                                                       |      |
| 12   | 8255GT    | SCREW,HHC,3/8-16 X .75 .....                                                                              | 3    |
| 13   |           | Ref. Turntable Rotator (refer to figure 5-D, page 5-14) .....                                             | 3    |
| 14   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                                                                 | 7    |
| 15   | 6097GT    | WASHER, FLAT, USS, 3/8", Y .....                                                                          | 4    |
| 16   | 31507GT   | PLUG,SQUARE HEAD,3/4 MPT .....                                                                            | 1    |
| 17   | 27089GT   | HOSE,5/16 FUEL,SAE 30R7 .....                                                                             |      |
|      |           | Deutz Diesel models                                                                                       |      |
| 17-  | 27089GT   | HOSE,5/16 FUEL,SAE 30R7 .....                                                                             |      |
|      |           | Gasoline/LPG models                                                                                       |      |
| 18   | 21465GT   | CLAMP,HOSE,.25" - .63" X .3125 .....                                                                      | 2    |
|      |           | Deutz Diesel models                                                                                       |      |
| 18-  | 21465GT   | CLAMP,HOSE,.25" - .63" X .3125 .....                                                                      | 1    |
|      |           | Gasoline/LPG models                                                                                       |      |
| 19   | 29137GT   | HOSE END,MALE.25 X .25 MPT*** .....                                                                       | 2    |
|      |           | Deutz Diesel models                                                                                       |      |
| 19-  | 29137GT   | HOSE END,MALE.25 X .25 MPT*** .....                                                                       | 1    |
|      |           | Gasoline/LPG models                                                                                       |      |
| 20   | 139898GT  | SOLENOID-GASOLINE FUEL .....                                                                              | 1    |
|      |           | Gasoline/LPG models                                                                                       |      |
| 21   | 19487GT   | VALVE, FUEL LOCK .....                                                                                    | 1    |
| 22   | 30652PGT  | ADAPTER FLANGE,FUEL GAUGE PTD. ....                                                                       | 1    |
| 23   | 30584GT   | GAUGE,FUEL,SIDE MOUNT<br>gauge with arm and float (dial only is part 49893) .....                         | 1    |

501.1 Hydraulic and Fuel Tanks

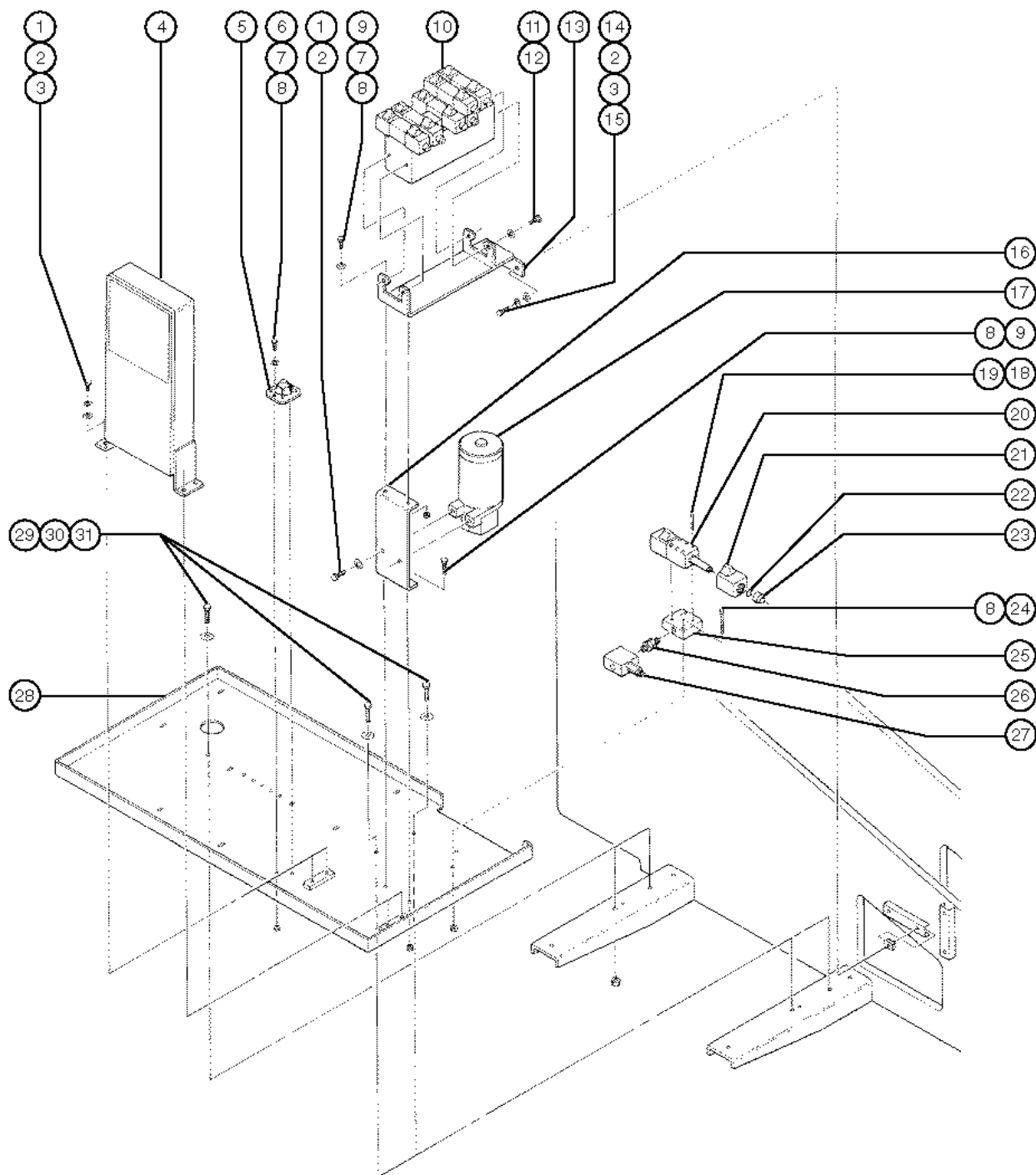




## 501.1 Hydraulic and Fuel Tanks

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                         | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------|-------------|
| 24          | 30546P-SGT      | TANK,30 GALLON,PAINTED** .....<br>includes index number 27 | 1           |
| 25          | 30179GT         | TANK STRAP,BOLT STYLE,62" .....                            | 2           |
| 26          | 25567GT         | CAP,FUEL,GREEN* .....<br>Deutz Diesel models               | 1           |
| 26-         | 28829GT         | CAP,FUEL,RED*** .....<br>Gasoline/LPG models               | 1           |
| 27          | 18218GT         | PLUG,PIPE,HEX HEAD,STL,1/4NPT .....<br>Gasoline/LPG models | 1           |
| 28          | 30490GT         | HOSE,1/4 FUEL LINE,SAE 30R7 .....<br>Deutz Diesel models   |             |
| 29          | 19363GT         | ELBOW,130239-4-4 .....<br>Deutz Diesel models              | 1           |

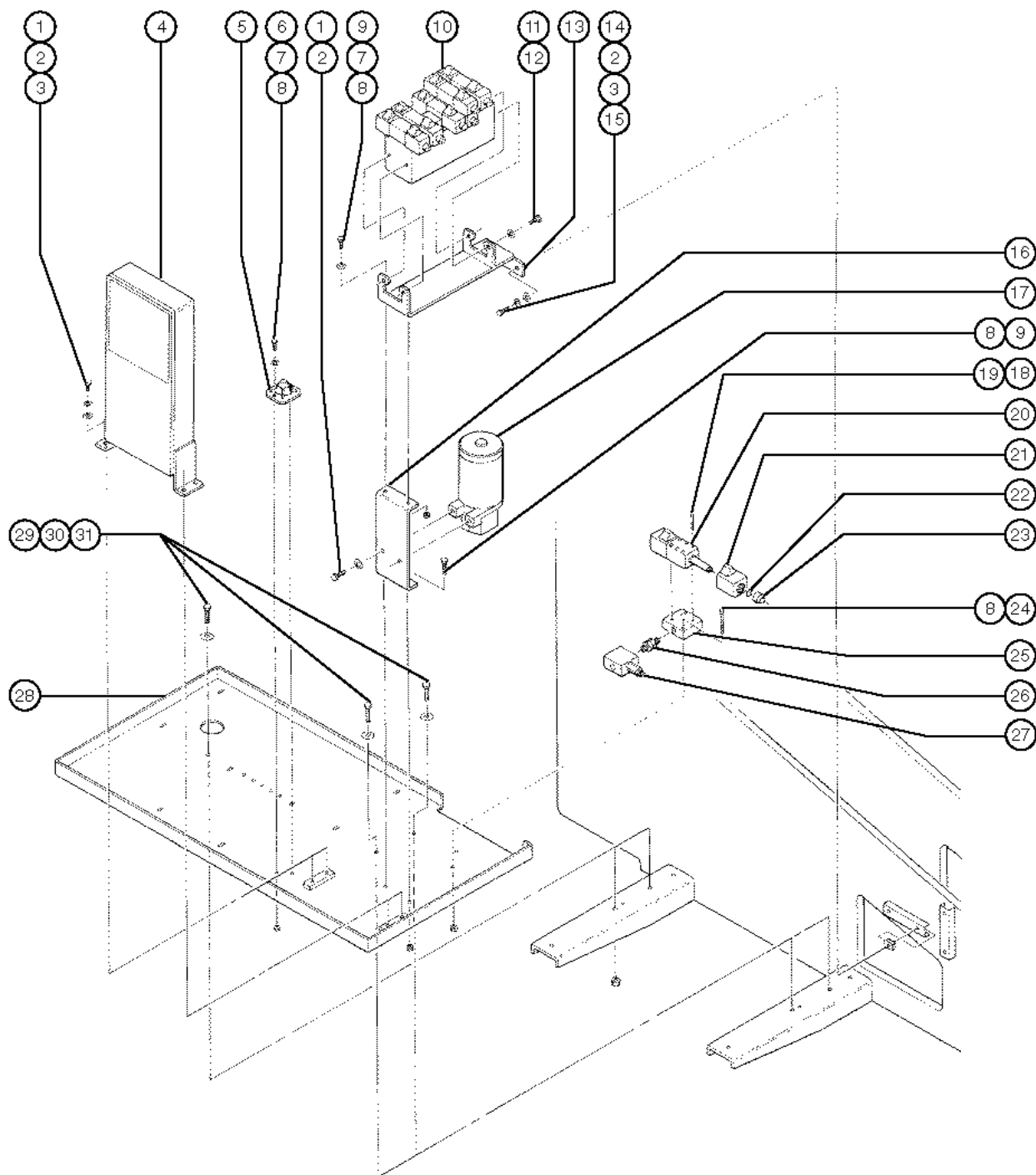
502.1 Function Manifold and Auxilliary Power Unit Installation



## 502.1 Function Manifold and Auxilliary Power Unit Installation

| Item | Part No. | Description                                                                                   | Qty. |
|------|----------|-----------------------------------------------------------------------------------------------|------|
| 1    | 8255GT   | SCREW,HHC,3/8-16 X .75 .....                                                                  | 6    |
| 2    | 6021GT   | WASHER, LOCK, .375 .....                                                                      | 8    |
| 3    | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                                                              | 6    |
| 4    |          | Ref. Ground Controls (refer to figures 5-E and 5-F, pages 5-18 and 5-22) .....                | 6    |
| 5    | 94077GT  | SENSOR,LEVEL,4.5 DEG .....                                                                    | 1    |
| 6    | 6888GT   | SCREW, HHC, 1/4-20 X 1 .....                                                                  | 2    |
| 7    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                                                | 4    |
| 8    | 6091GT   | NUT, NYLOCK, 1/4-20 .....                                                                     | 6    |
| 9    | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                                                | 4    |
| 10   | 146167GT | MANIFOLD,FUNCTION S40 .....                                                                   | 1    |
| 11   | 13002GT  | SCREW,HHC,5/16-18 X 1 GR5 .....                                                               | 4    |
| 12   | 6886GT   | WASHER,LOCK,.313 .....                                                                        | 4    |
| 13   | 30703GT  | WLDMT.FUNCTION MAN. MNT. S40 .....                                                            | 1    |
| 14   | 6175GT   | SCREW,HHC,3/8-16 X 1 .....                                                                    | 2    |
| 15   | 29868GT  | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....                                                      | 6    |
| 16   | 30718PGT | BRACKET,AUX.PUMP MNT.PAINTED .....                                                            | 1    |
| 17   | 89617GT  | POWER UNIT,AUX PUMP 12VDC<br>3 port .....                                                     | 1    |
| 17-  | 27914GT  | MOTOR,12V DC (24573) .....                                                                    | 1    |
| 17-  | 29417GT  | PUMP ASSY.(27648)***** .....                                                                  | 1    |
| 17-  | 29428GT  | VALVE,CHECK .....                                                                             | 1    |
| 17-  | 29429GT  | VALVE,RELIEF .....                                                                            | 1    |
| 17-  | 29418GT  | COUPLER - 27648 POWER UNIT .....                                                              | 1    |
| 17A  | 32811GT  | POWER UNIT,AUX PUMP 12VDC**<br>2 port, motor only is 32949 .....                              | 1    |
| 18   | 45916GT  | SCREW,SHC,10-24 X 1.250 (D01) .....                                                           | 4    |
| 19   | 6607GT   | WASHER,LOCK,#10 PLTD .....                                                                    | 4    |
| 20   | 146160GT | VALVE KIT,D03<br>includes index numbers 21 through 23 .....                                   | 1    |
| 20-  |          | Ref.<br>previous valve part 27446 is no longer available, order valve 146160, to SN 611 ..... |      |
| 20-  | 41774GT  | BOLT KIT,D03 .....                                                                            | 1    |

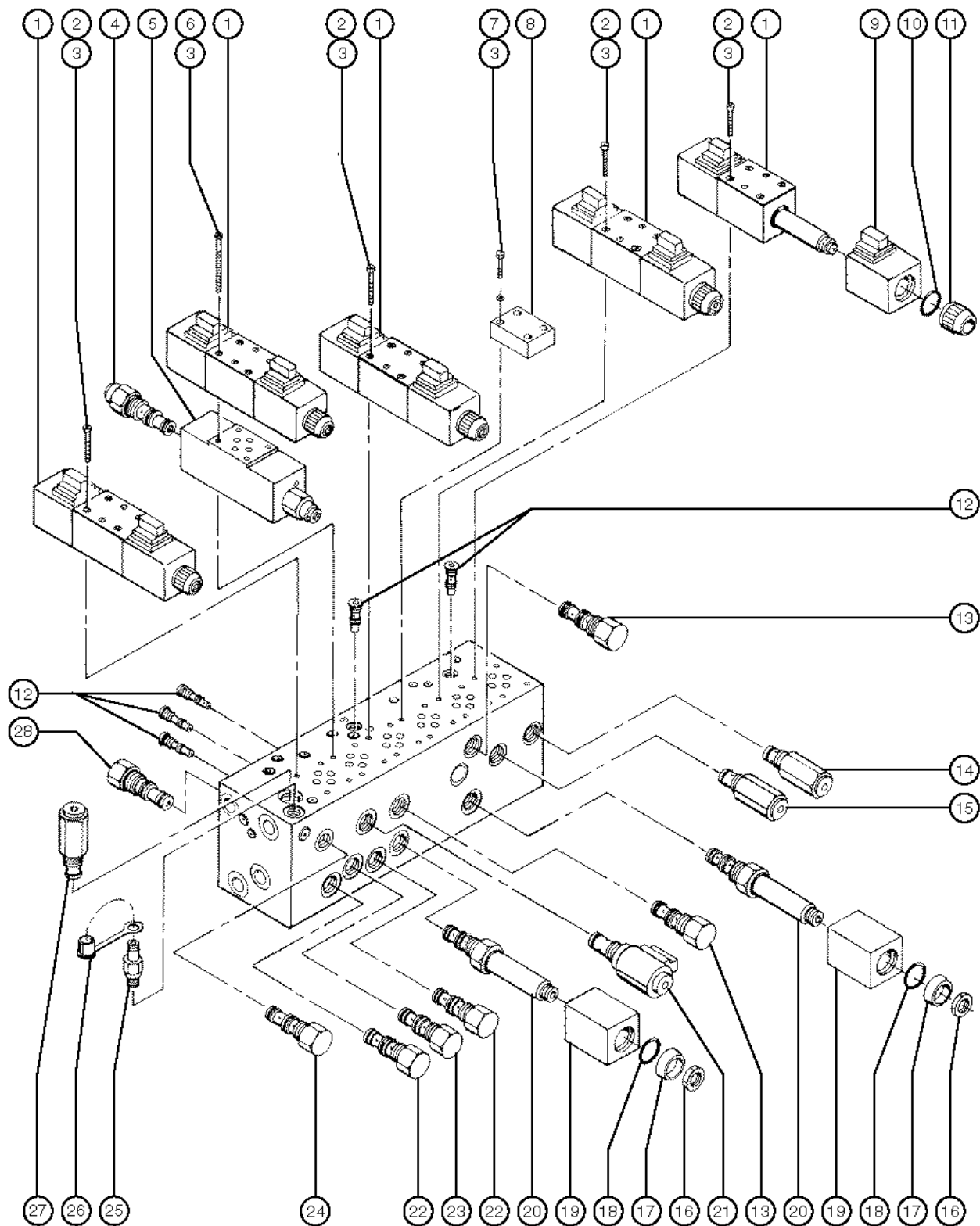
502.1 Function Manifold and Auxilliary Power Unit Installation



## 502.1 Function Manifold and Auxilliary Power Unit Installation

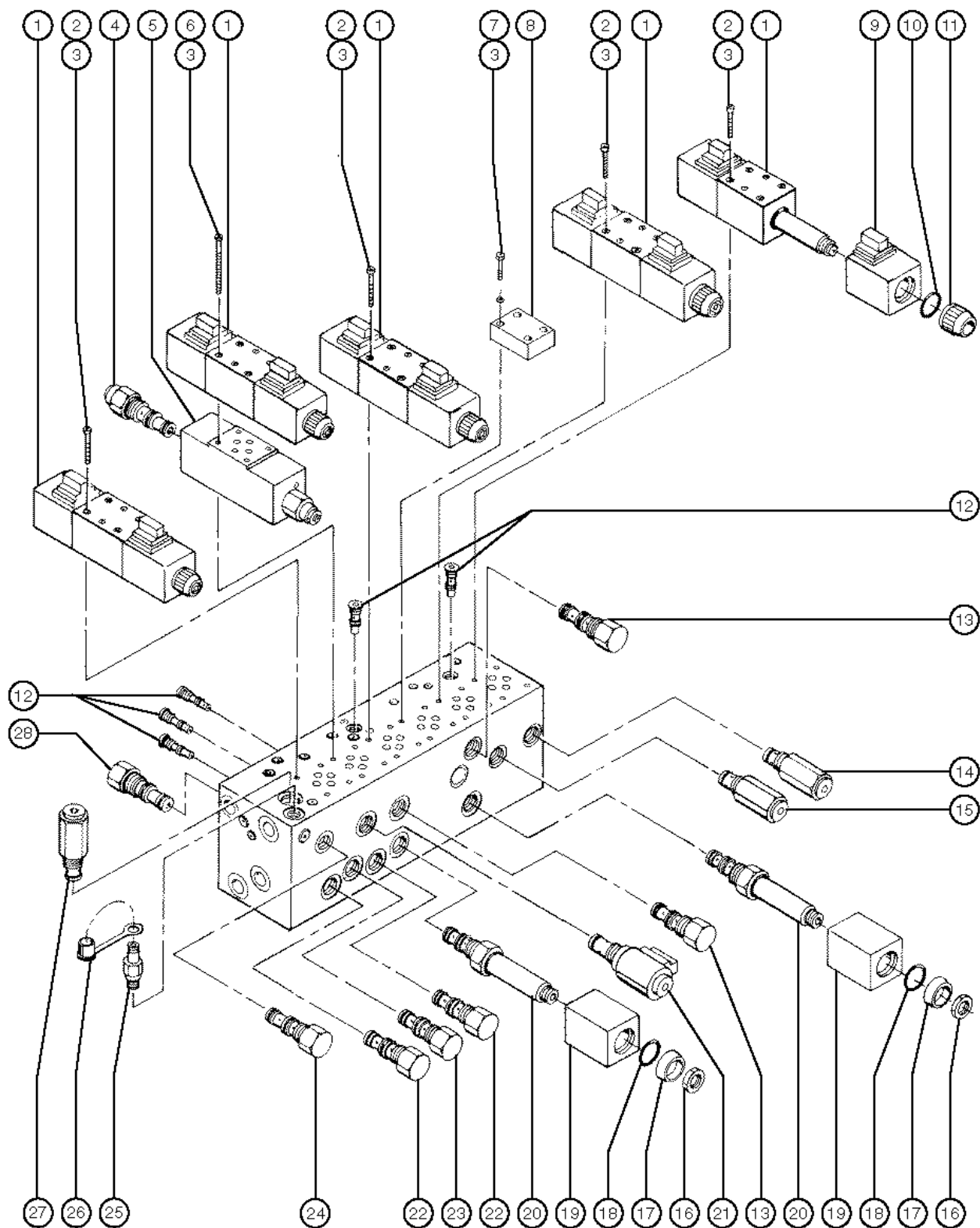
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                             | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------|-------------|
| 21          | 27813GT         | COIL,D01,10V*** .....<br>to SN 611                                             | 2           |
| 21-         | 223763GT        | COIL WITH DE CONNECTOR<br>non-oscillating models; from SN 612; replaced 233763 | 2           |
| 22          | 45914GT         | O-RING, DO1 VALVE .....<br>to SN 611                                           | 2           |
| 22-         | 48648GT         | O-RING, D03 COIL<br>non-oscillating models; from SN 612                        | 2           |
| 23          | 45913GT         | NUT,DO1 VALVE .....<br>to SN 611                                               | 2           |
| 23-         | 48649GT         | NUT-D03 COIL<br>non-oscillating models; from SN 612                            | 2           |
| 24          | 30444GT         | SCREW,SHC,1/4-20 X 2                                                           | 2           |
| 25          | 24675GT         | SUB PLATE (SPOOL VALVE)                                                        | 1           |
| 26          |                 | Ref. Hydraulic Hoses & Fittings (refer to figure 5-H, page 5-28)               | 1           |
| 27          | 30666GT         | VALVE,FLOW REGULATOR 2.0 GPM .....<br>oscillating models only                  | 1           |
| 28          | 30677GT         | WELDMENT,HYD TANK MODULE                                                       | 1           |
| 29          | 8177GT          | SCREW,HHC,1/2-13 X 1.5                                                         | 3           |
| 30          | 6095GT          | WASHER,FLAT,USS,1/2",Y                                                         | 3           |
| 31          | 6198GT          | NUT, NYLOCK, 1/2-13                                                            | 3           |

503.1 Function Manifold



| Item | Part No. | Description                                                                                                                                                                    | Qty. |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
|      | 146167GT | MANIFOLD,FUNCTION S40<br>pervious manifold part 30668 and 40676 are no longer available. For a complete manifold replacement, customers must contact Genie service department. | 1    |
|      | 33512GT  | VALVE,REGEN.SANDWICH<br>from SN 548                                                                                                                                            |      |
|      | 25375GT  | KIT, O-RING                                                                                                                                                                    |      |
| 1    |          | Ref. VALVE,DO1<br>pervious DO1 valve 27811 is no longer available. For replacement must order DO3 valve 146165 and service bolt kit 41774                                      | 5    |
| 1-   | 146165GT | VALVE KIT,DO3<br>from SN 612, kit comes with two inch screws, if customer needs four inch screws refer to 40617.                                                               | 5    |
| 1-   | 223763GT | COIL WITH DE CONNECTOR<br>for 146165                                                                                                                                           |      |
| 1-   | 41774GT  | BOLT KIT,DO3<br>use with DO3                                                                                                                                                   | 5    |
| 2    | 45916GT  | SCREW,SHC,10-24 X 1.250 (D01)<br>use with DO1                                                                                                                                  | 20   |
| 2-   | 43255GT  | SCREW,SHC,10-24 X 2<br>use with DO3                                                                                                                                            | 20   |
| 3    | 6607GT   | WASHER,LOCK,#10 PLTD                                                                                                                                                           | 24   |
| 4    | 31262GT  | VALVE,COUNTERBALANCE                                                                                                                                                           | 2    |
| 5    | 31261GT  | VALVE,COUNTERBALANCE SANDWICH<br>includes index number 3                                                                                                                       | 1    |
| 6    | 27812GT  | SCREW,SHC,10-24 X 3                                                                                                                                                            | 4    |
| 7    | 32661GT  | SCREW,SHC,10-24 X 1 (D01)                                                                                                                                                      | 4    |
| 8    | 32662GT  | COVER PLATE (30668)                                                                                                                                                            | 1    |
| 9    | 27813GT  | COIL,D01,10V***<br>use with DO1; to SN 611                                                                                                                                     | 12   |
| 9-   | 29744GT  | COIL,10V<br>use with DO3; from SN 612                                                                                                                                          | 12   |
| 10   | 45914GT  | O-RING, DO1 VALVE<br>use with DO1; to SN 611                                                                                                                                   | 12   |
| 10-  | 48648GT  | O-RING, D03 COIL<br>use with DO3; from SN 612                                                                                                                                  | 12   |
| 11   | 45913GT  | NUT,DO1 VALVE<br>use with DO1; to SN 611                                                                                                                                       | 12   |
| 11-  | 48649GT  | NUT-D03 COIL<br>use with DO3; from SN 612                                                                                                                                      | 12   |
| 12   | 27807GT  | VALVE,CHECK***                                                                                                                                                                 | 5    |
| 13   | 27802GT  | VALVE,DIFFERENTIAL SENSING***                                                                                                                                                  | 2    |
| 14   | 32765GT  | VALVE,RELIEF                                                                                                                                                                   | 1    |
| 15   | 52415GT  | VALVE,RELIEF,2200 PSI***                                                                                                                                                       | 1    |
| 16   | 45921GT  | RETAINER-N.C.PROPOR.SOLENOID                                                                                                                                                   | 2    |
| 17   | 45921GT  | RETAINER-N.C.PROPOR.SOLENOID                                                                                                                                                   | 2    |

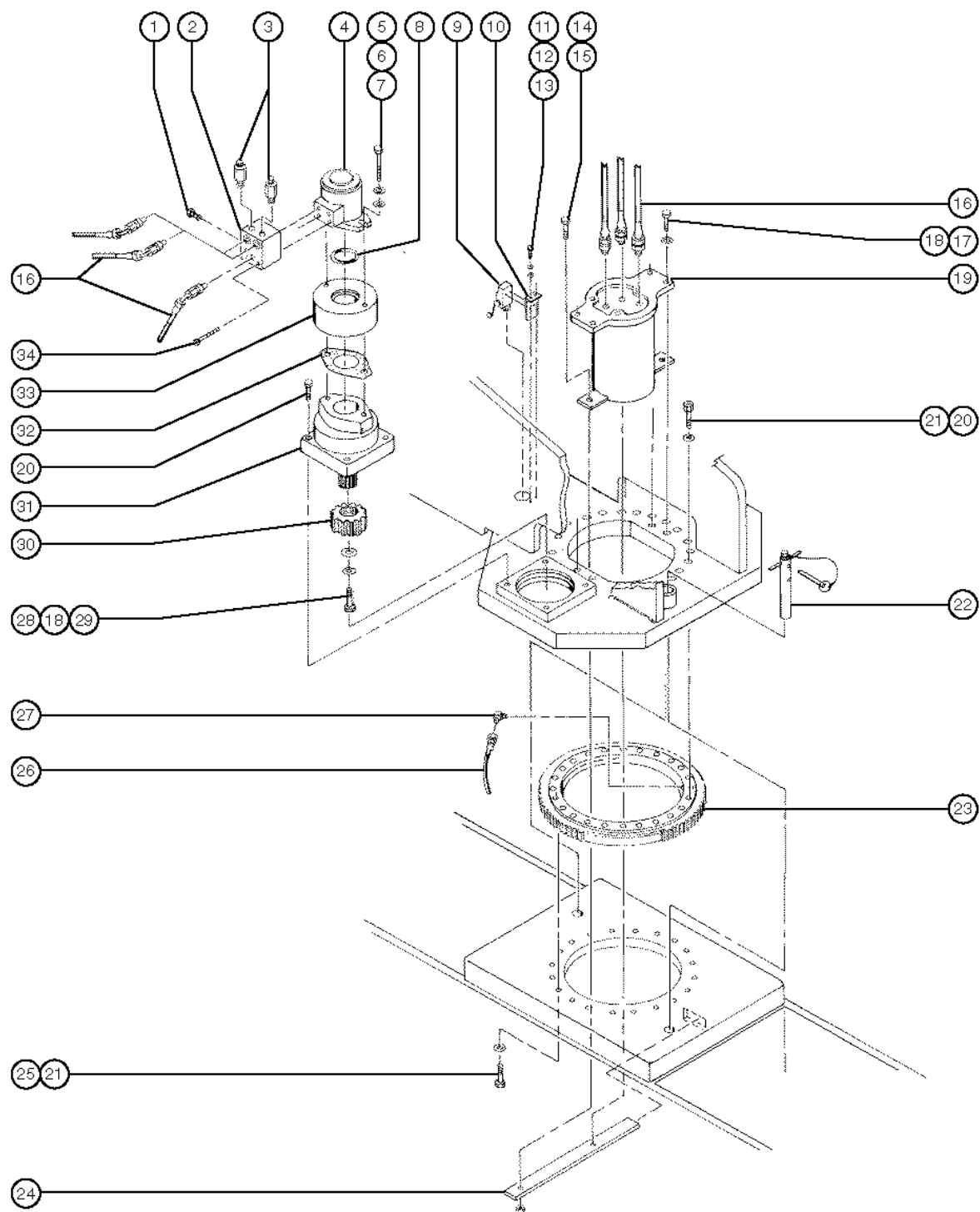
503.1 Function Manifold





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------------------------------------|-------------|
| 18          | 45914GT         | O-RING, DO1 VALVE .....                                                     | 2           |
| 19          | 21935GT         | COIL, 12V, 19972/21623/29069 .....                                          | 2           |
| 20          | 27801GT         | VALVE,PROPORTIONAL SOLENOID***<br>includes 1 each index numbers 16-19 ..... | 2           |
| 21          | 27803GT         | VALVE,SOLENOID .....                                                        | 1           |
| 21-         | 27814GT         | COIL,SOLENOID,10V .....                                                     | 1           |
| 21-         | 52943GT         | NUT, SOLENOID VALVE COIL .....                                              | 1           |
| 22          | 31100GT         | VALVE,FLOW REGULATOR 0.6GPM .....                                           | 2           |
| 23          | 27804GT         | VALVE,DIFFERENTIAL SENSING*** .....                                         | 1           |
| 24          | 31099GT         | VALVE, FLOW REGULATOR .....                                                 | 1           |
| 25          | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                                                  | 1           |
| 25-         | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                                             | 1           |
| 26          | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                                                 | 1           |
| 27          | 32663GT         | VALVE,RELIEF 2600 PSI .....                                                 | 1           |
| 28          | 111705GT        | VALVE,FLOW REGULATOR 3.5 GPM**<br>oscillating models only .....             | 1           |
| 28-         | 30968GT         | VALVE,FLOW REGULATOR 2.0 GPM<br>non-oscillating models only .....           | 1           |

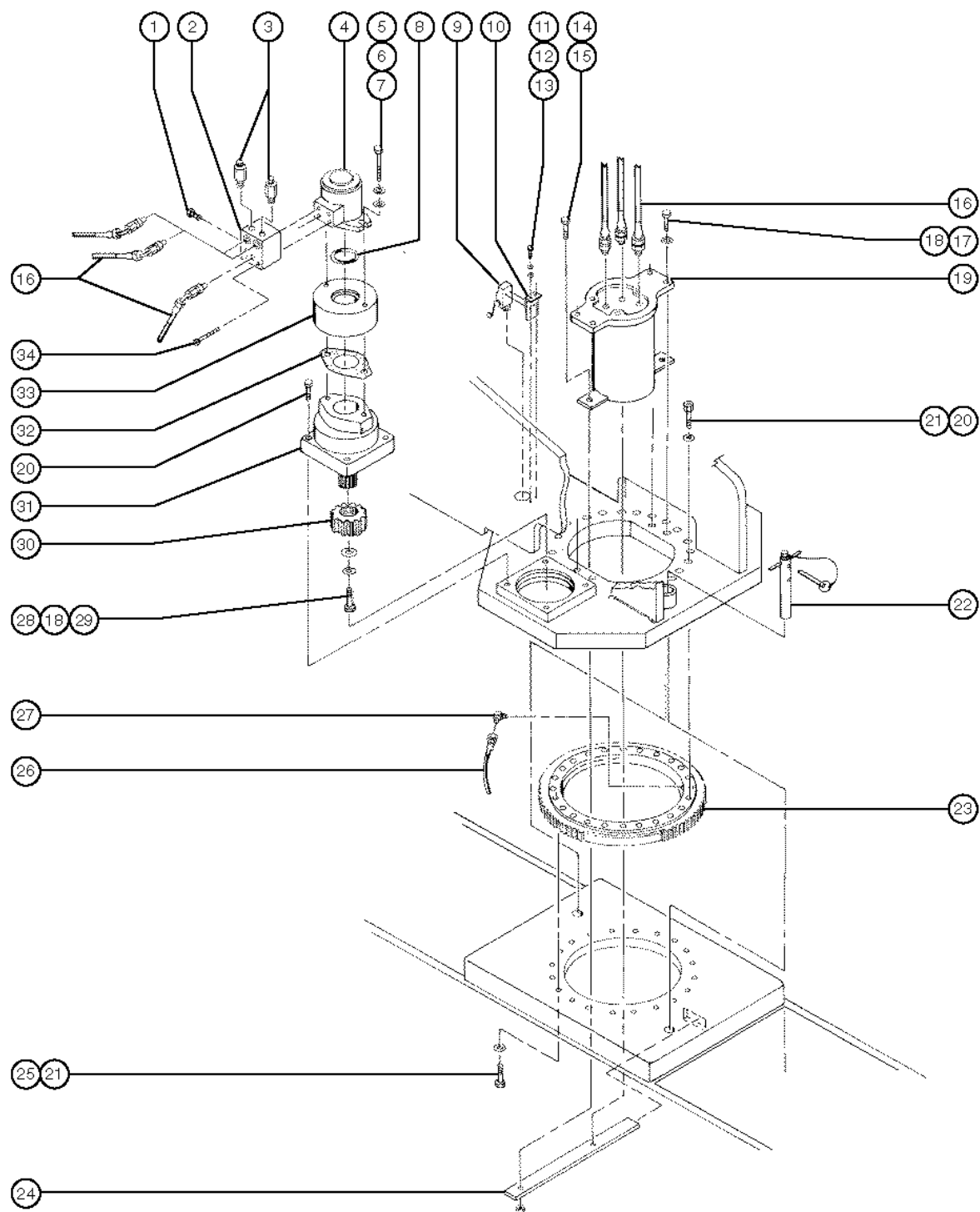
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



## 504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

| Item | Part No.  | Description                                                                                        | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------|------|
| 1    | 45483GT   | VALVE,SHUTTLE***<br>for manifold 31494                                                             | 1    |
| 2    | 102680GT  | MANIFOLD,TURNTABLE ROTATION***                                                                     | 1    |
| 2-   | 1329670GT | VALVE, PILOT, CTR BAL, 3:1 RATIO, 1500PSI<br>for manifold 102680GT                                 |      |
| 2-   | 31519GT   | O-RING (2-114)<br>for manifold 31494                                                               | 1    |
| 3    | 31082GT   | VALVE,COUNTERBALANCE 2500 PSI*<br>for manifold 31494                                               | 2    |
| 4    | 58958GT   | MOTOR,SWING DRIVE (53147)<br>for manifold 31494 and 53147                                          |      |
| 4-   | 62081GT   | SEAL KIT, 58958 SWING MOTOR                                                                        |      |
| 4-   | 75684GT   | MOTOR,TURNTABLE ROTATION***<br>for TT swing drive 89885                                            |      |
| 4-   | 75685GT   | SEAL KIT,MOTOR TURNTABLE***<br>for motor 75684                                                     |      |
| 5    | 7261GT    | SCREW,HHC,1/2-13 X 5 BLACK                                                                         | 2    |
| 6    | 6033GT    | WASHER,LOCK,0.5"                                                                                   | 3    |
| 7    | 13066GT   | WASHER,FLAT,.5 HARDENED                                                                            | 3    |
| 8    | 22811GT   | O-RING,MOTOR TO BRAKE***<br>for 34425; measures approx 4" x 0.10"                                  | 1    |
| 9    | 34961GT   | SWITCH,LIMIT,W/ROLLER ARM                                                                          | 1    |
| 9-   | 19491GT   | CONTACTOR,LIMIT SWITCH                                                                             | 1    |
| 9-   | 27643GT   | ROLLER ARM-LIMIT SWITCH                                                                            | 1    |
| 10   | 30783PGT  | LIMIT SWITCH BRKT,DRIVE,PAIN                                                                       | 1    |
| 11   | 6090GT    | SCREW, HHC, 1/4-20 X .75                                                                           | 2    |
| 12   | 6356GT    | WASHER, LOCK, .25                                                                                  | 2    |
| 13   | 6638GT    | WASHER, FLAT, USS, 1/4"Y                                                                           | 2    |
| 14   | 8177GT    | SCREW,HHC,1/2-13 X 1.5                                                                             | 2    |
| 15   | 6198GT    | NUT, NYLOCK, 1/2-13                                                                                | 2    |
| 16   |           | Ref. Hydraulic Hoses & Fittings (refer to figure 508.1)                                            | 2    |
| 17   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5                                                                      | 4    |
| 18   | 6021GT    | WASHER, LOCK, .375                                                                                 | 5    |
| 19   |           | HYD SWIVEL,7 PORT,S40/60 44367<br>44367 no longer available; for replacement order 1298650, below. | 1    |
| 19-  | 44341PGT  | BAR,HYD.SWIVEL MOUNT PAINTED                                                                       | 2    |
| 19-  | 44611GT   | SEAL KIT,SWIVEL (44367)<br>for 44367                                                               | 1    |

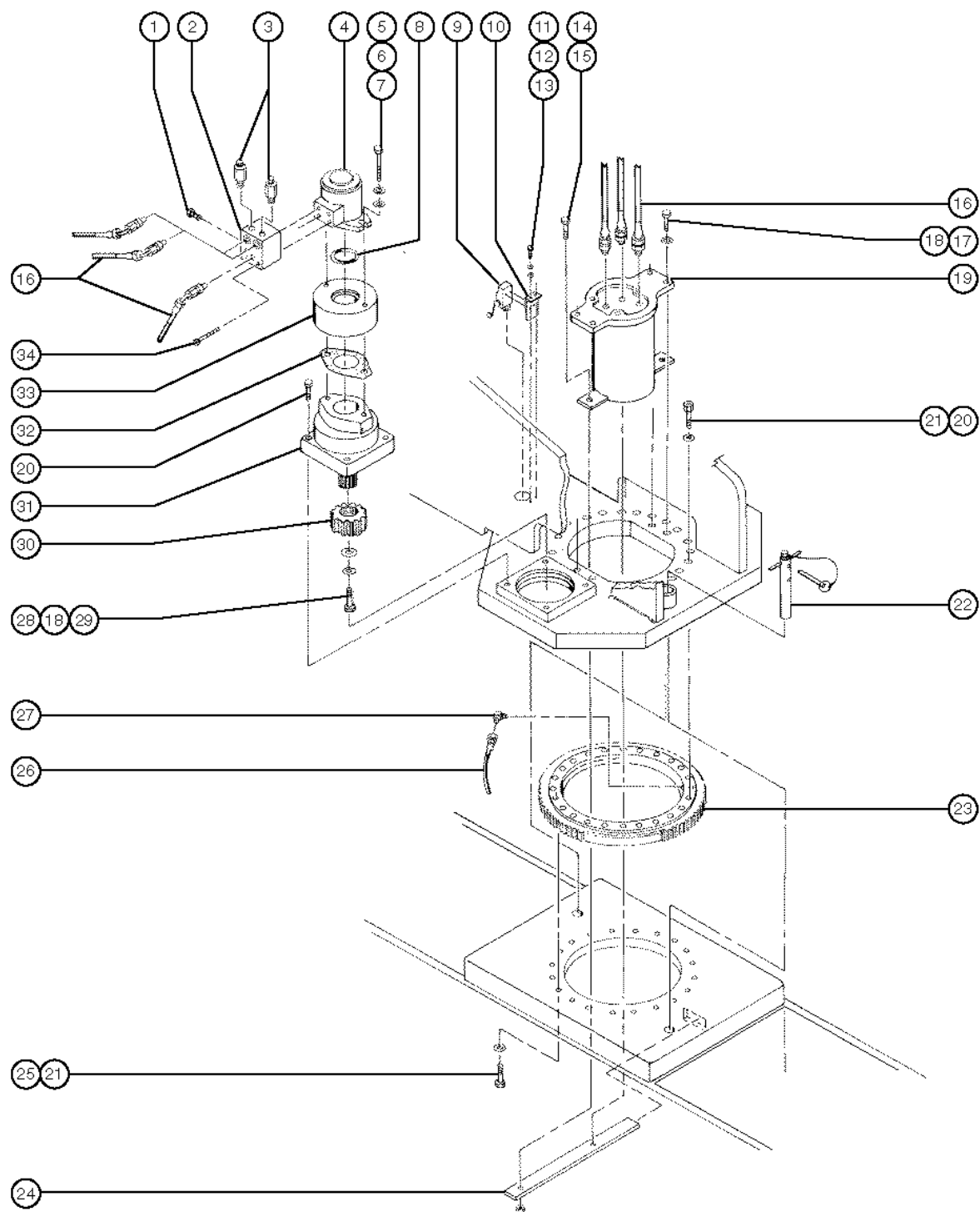
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



## 504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

| Item | Part No.  | Description                                                      | Qty. |
|------|-----------|------------------------------------------------------------------|------|
| 19B  | 1298650GT | HYD SWIVEL,7 PORT,S40/60 .....                                   |      |
| 19B- | 1298651GT | SEAL KIT, HYD SWIVEL (1298650) .....<br>for 1298650              |      |
| 20   | 19418GT   | SCREW,SHC,5/8-11 X 1.75 .....                                    | 20   |
| 21   | 13064GT   | WASHER,FLAT,.625 HARDENED .....                                  | 40   |
| 22   | 32731GT   | PIN ASSEMBLY,TURNTBLE ROTATION .....                             | 1    |
| 22-  | 11637GT   | PIN ASSY, RETAINER, SS I & II .....                              | 1    |
| 23   | 111648GT  | BEARING,SERIES 3000 .....                                        | 1    |
| 24   | 44341PGT  | BAR,HYD.SWIVEL MOUNT PAINTED .....                               | 1    |
| 25   | 21175GT   | SCREW,SHC,5/8-11 X 4,A574 .....                                  | 20   |
| 26   | 30886GT   | HOSE ASSEMBLY,19" .....                                          | 1    |
| 27   | 20630GT   | ELBOW,070202-4-4 .....                                           | 1    |
| 28   | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                       | 1    |
| 29   | 24039GT   | WASHER,3/8 PLATE (3/8X2X3/16TK .....                             | 1    |
| 30   | 75677GT   | SHAFT,OUTPUT,PINION,TURNTABLE .....<br>for TT swing drive 89885  | 1    |
| 30-  | 31493GT   | PINION GEAR .....<br>for torque hub 94920                        |      |
| 31   | 89885GT   | SWING DRIVE ASSEMBLY .....                                       | 1    |
| 31-  | 94920GT   | TORQUE HUB-SWING*** .....<br>not part of 89885; to SN 6029       | 1    |
| 31-  | 58916GT   | SEAL,SHAFT .....<br>for torque hub 94920                         | 1    |
| 32   | 43683GT   | O-RING,2-042 N674-70*** .....<br>for TT swing drive 89885        | 1    |
| 32-  | 52087GT   | O-RING,2-044 BUNA*** .....<br>for TT swing drive 34425           | 1    |
| 33   | 75686GT   | BRAKE ASSEMBLY,TURNTABLE ROT** .....<br>for TT swing drive 89885 | 1    |
| 33-  | 62466GT   | SEAL KIT,BRAKE,TURNTABLE ROT** .....<br>for brake 75686          | 1    |
| 33-  | 75682GT   | DISC KIT DRIVE TURNTABLE Z-60* .....<br>for brake 75686          | 1    |
| 33-  | 75683GT   | SPRING,DRIVE TURNTABLE*** .....<br>for brake 75686               | 1    |
| 33-  | 73918GT   | BRAKE,SWING,2800 IN/LB .....                                     | 1    |
| 33-  | 65608GT   | BEARING KIT, AUSCO*** .....<br>for brake 73918                   | 1    |
| 33-  | 75658GT   | LINING KIT,AUSCO (73918)*** .....                                | 1    |
| 33-  | 75659GT   | SEAL KIT, AUSCO (73918) .....                                    | 1    |

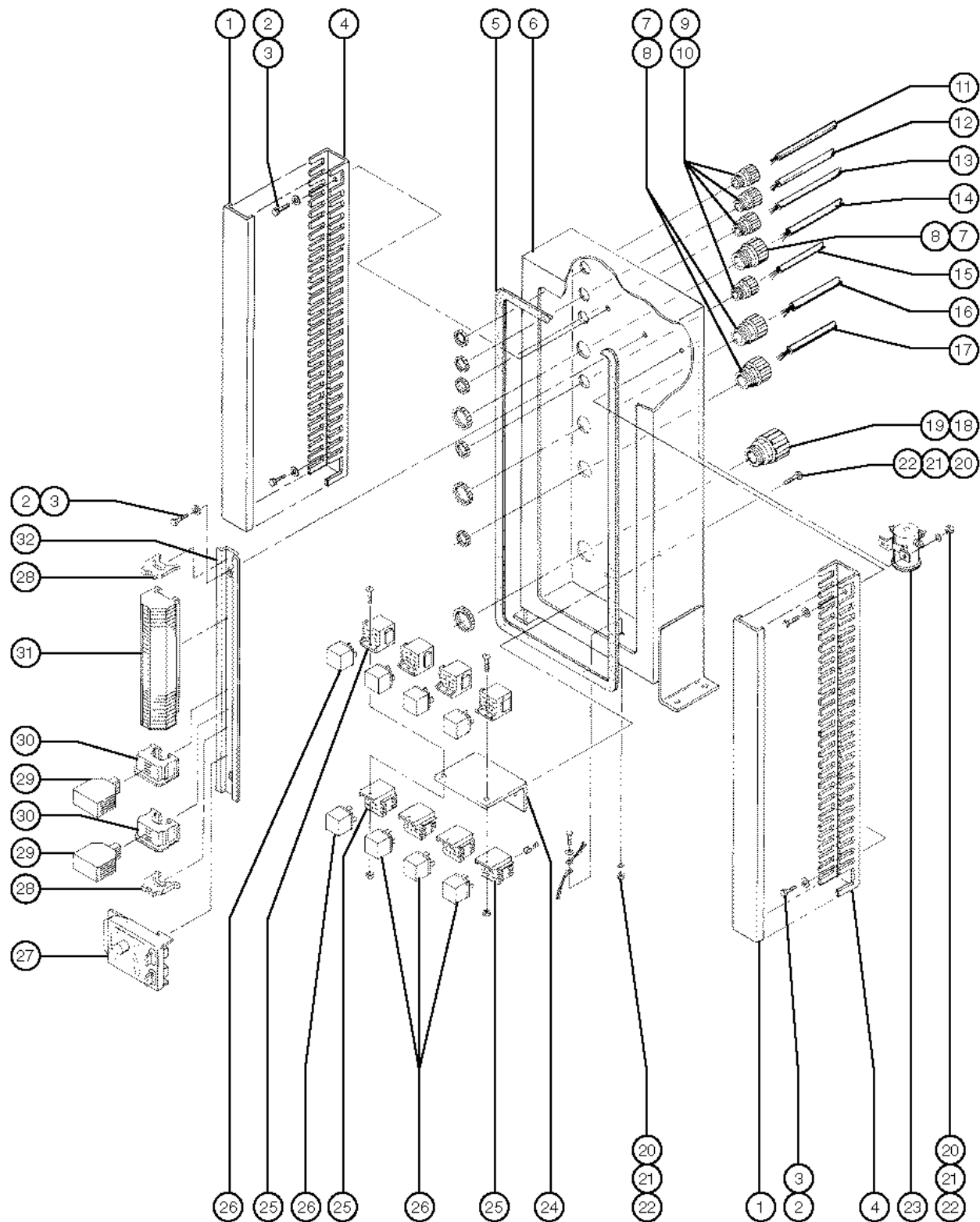
504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation



504.1 Turntable Rotation and Hydraulic Rotary Coupler Installation

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                             | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------|-------------|
| 33-         | 29291GT         | SEAL KIT,MICO<br>for brake Mico 41915 .....    | 1           |
| 33-         | 58915GT         | LINING REPAIR KIT (41915) .....                | 1           |
| 33-         | 31500GT         | BEARING KIT,MICO<br>for brake Mico 41915 ..... | 1           |
| 33-         | 31502GT         | SPRING KIT,MICO<br>for brake Mico 41915 .....  | 1           |
| 34          |                 | Ref. Screw - SHC, 5/16 -18 x 3 inches .....    | 4           |
|             |                 | for torque hub 19585                           |             |

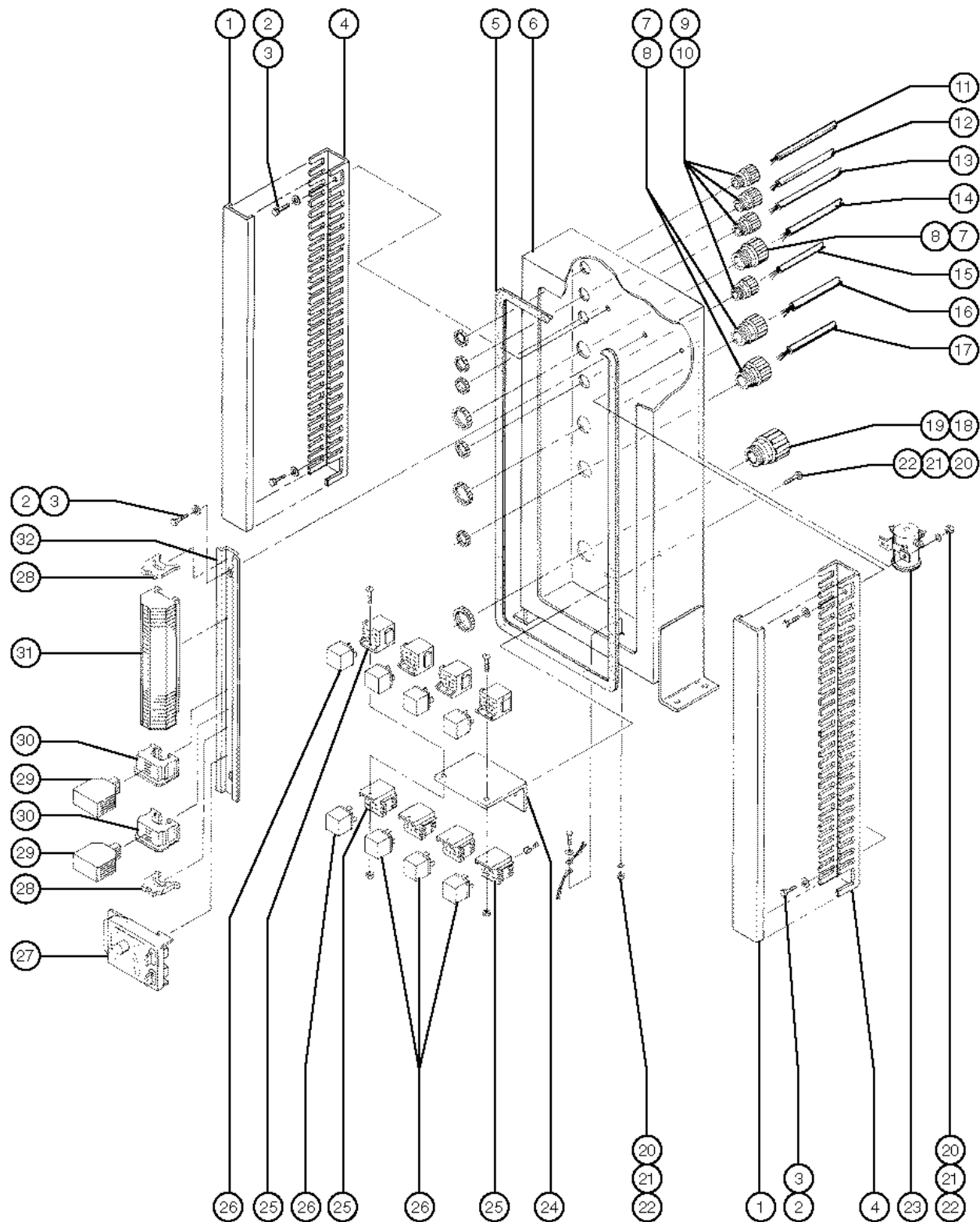
505.1 Ground Controls - View 1





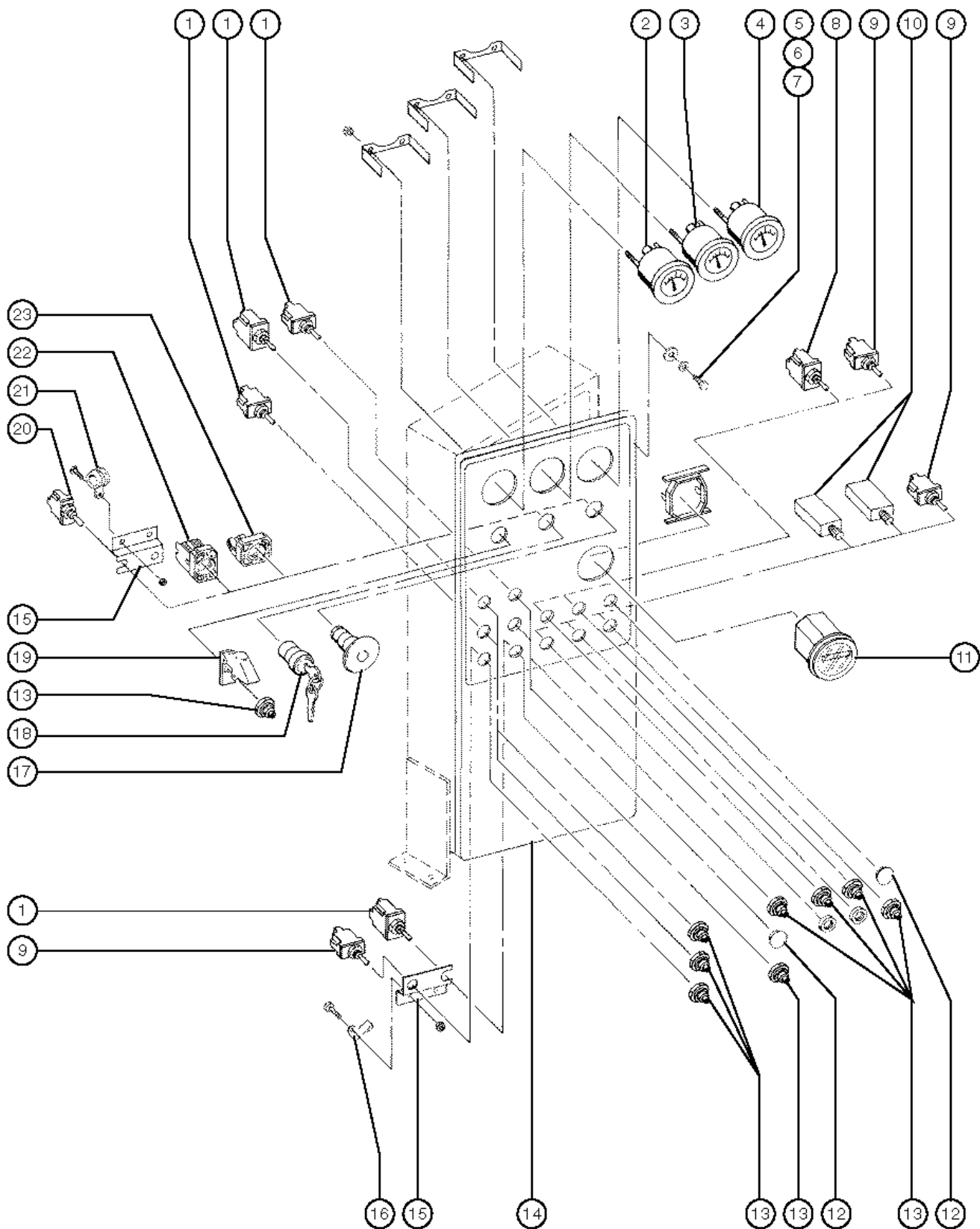
| Item | Part No. | Description                           | Qty.                  |
|------|----------|---------------------------------------|-----------------------|
| 1    | 29607GT  | WIRING DUCT/COVER, 1 X 72 IN** .....  |                       |
| 2    | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....        | 7                     |
| 3    | 6356GT   | WASHER, LOCK, .25 .....               | 6                     |
| 4    | 29607GT  | WIRING DUCT/COVER, 1 X 72 IN** .....  |                       |
| 5    | 121599GT | GASKET,GBOX,S80/85 2008 .....         | 1                     |
| 6    | 32659GT  | CONTROL BOX W/DECAL,GROUND .....      | 1                     |
|      |          | includes index number 5               |                       |
| 7    | 12960GT  | CABLE SQUEEZE CONN.,XTRA LRG .....    | 3                     |
| 8    | 14041GT  | LOCKNUT,ELECTRIC,3/4" .....           | 3                     |
| 9    | 7056GT   | CONN, SQZ, 1/2NPT, 0.38-0.50,SM ..... | 4                     |
| 10   | 6935GT   | CONN, SQZ, 1/2NPT, LOCKNUT .....      | 4                     |
| 11   | 1505GT   | WIRE CABLE,16/2 SJO,BULK .....        | 220<br>in<br>ch<br>es |
| 12   | 6918GT   | WIRE CABLE,16/3 SJO,BULK .....        | 145<br>in<br>ch<br>es |
| 13   | 6562GT   | WIRE CABLE,16/4 SJO,BULK .....        | 95<br>in<br>ch<br>es  |
| 14   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....     | 720<br>in<br>ch<br>es |
| 15   | 30794GT  | WIRE,12/3 SJEOW,BK-WH-GR/YL .....     | 720<br>in<br>ch<br>es |
| 16   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....     | 720<br>in<br>ch<br>es |
| 17   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....     | 60<br>in<br>ch<br>es  |
| 18   | 20776GT  | CABLE SQUEEZE CONN. ....              | 1                     |
| 19   | 18665GT  | LOCKNUT,ELECTRIC,1" NPT .....         | 1                     |
| 20   | 6888GT   | SCREW, HHC, 1/4-20 X 1 .....          | 5                     |
| 21   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....        | 5                     |
| 22   | 6091GT   | NUT, NYLOCK, 1/4-20 .....             | 5                     |
| 23   | 27155GT  | SOLENOID,12V CONTINUOUS*** .....      | 1                     |
| 24   | 34057GT  | ANGLE,RELAY MOUNTING .....            | 1                     |

505.1 Ground Controls - View 1



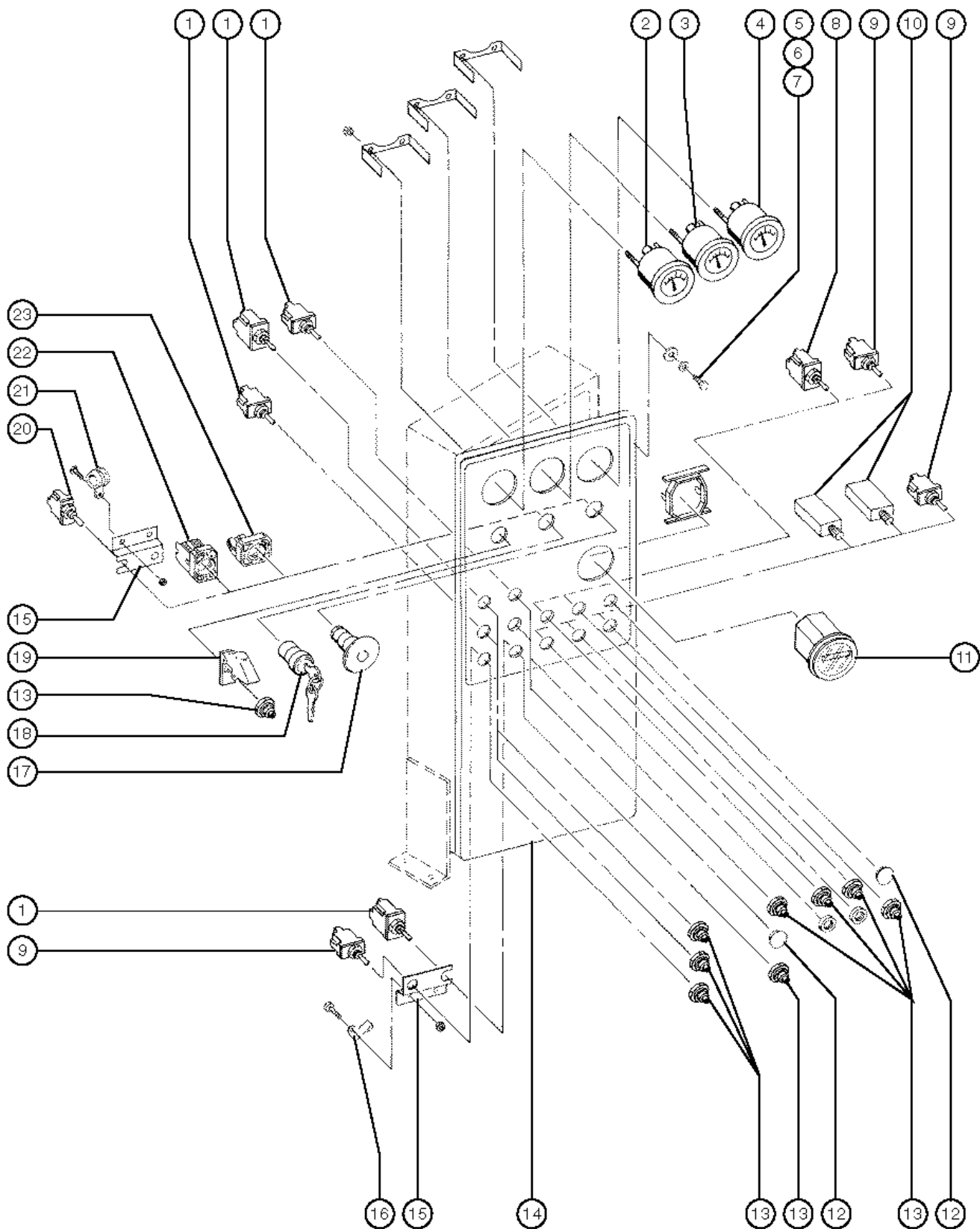
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------------------------------------|-------------|
| 25          | 34053GT         | ASSY,RELAY SOCKET,AUTO***<br>Gasoline/LPG models; terminals not included    | 8           |
| 25-         | 34503GT         | COVER,PROTECTIVE,SLAVE W/JIB<br>Deutz Diesel models; terminals not included | 5           |
| 25-         | 34504GT         | Terminal - Relay Socket, 10 - 12 Gauge                                      | 5           |
| 25-         | 34055GT         | TERM RELAY,N-INSULATE 14-16 GA                                              | 5           |
| 25-         | 34056GT         | TERM,RELAY,N-INSULATE 18-20 GA                                              | 5           |
| 26          | 34052GT         | RELAY,SPDT,12V(AUTO) PLUG IN**<br>Gasoline/LPG models                       | 8           |
| 26-         | 30452GT         | HOSE ASSY,18"<br>Deutz Diesel models                                        | 5           |
| 27          | 56057GT         | MODULE,IGNITION/START,12/24V                                                | 1           |
| 28          | 25974GT         | PLASTIC END STOP                                                            | 2           |
| 29          | 25807GT         | DIODE BLOCK SUPPRESSION                                                     | 2           |
| 30          | 25808GT         | CARRIER TERMINAL(5 PER BLOCK)                                               | 2           |
| 31          | 25836GT         | TERMINAL BLOCK(SINGLE),WAGO***                                              | 50          |
| 32          | 28310GT         | DIN RAIL,23.75"                                                             | 1           |

506.1 Ground Controls - View 2



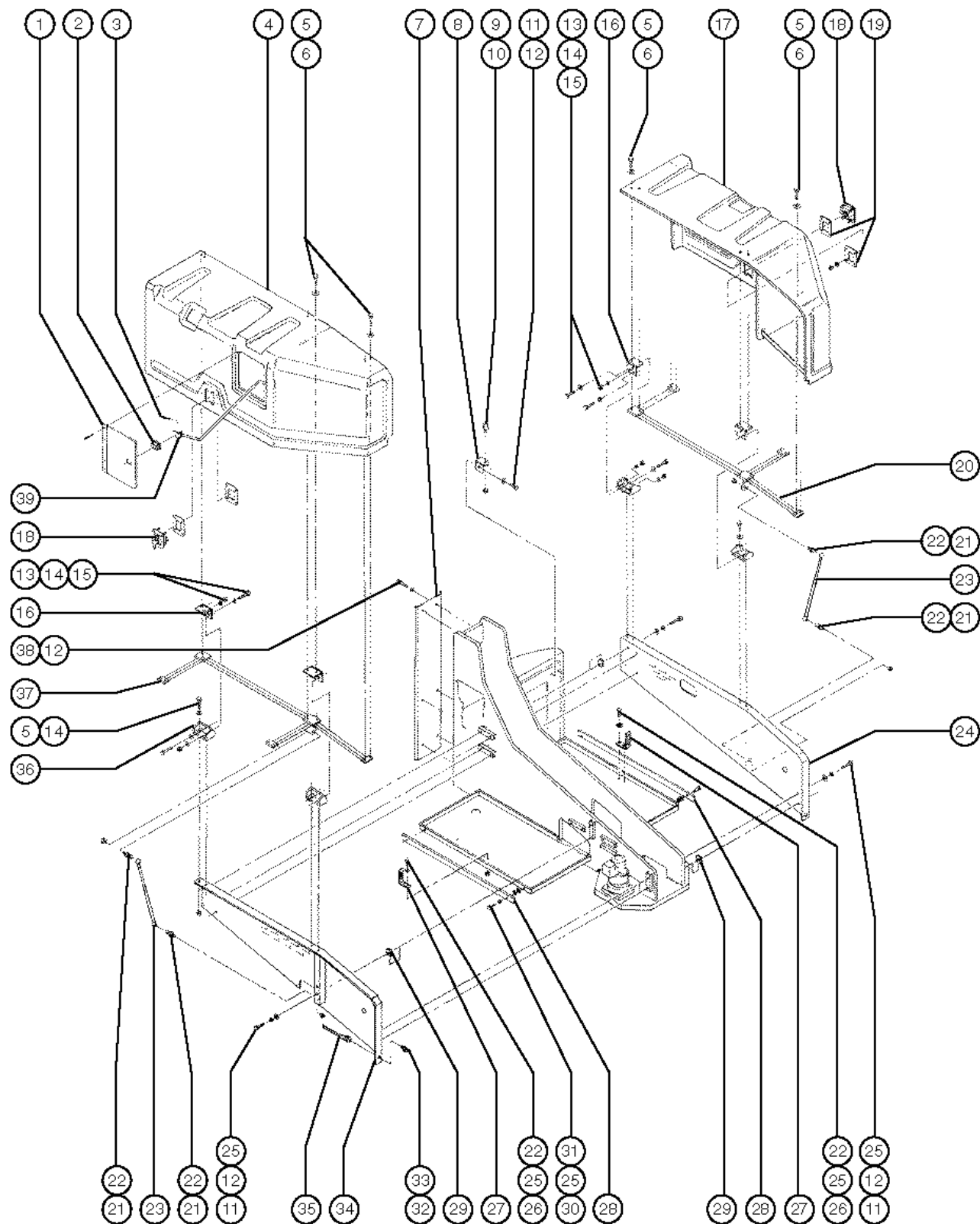
| Item | Part No.  | Description                                                                                              | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------------|------|
| 1    | 128202GT  | SWITCH TOGGLE ASSY DPDT 3P MOM .....<br>includes mounting fasteners                                      | 4    |
| 2    | 53759-SGT | GAUGE,WATER TEMP .....<br>includes mounting bracket                                                      | 1    |
| 3    | 53758-SGT | GAUGE,OIL PRESSURE W/O SENDER .....<br>includes mounting bracket                                         | 1    |
| 4    | 53761-SGT | GAUGE,VOLTAGE .....<br>includes mounting bracket                                                         | 1    |
| 5    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                                           | 3    |
| 6    | 6356GT    | WASHER, LOCK, .25 .....                                                                                  | 3    |
| 7    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                           | 3    |
| 8    | 128205GT  | SWITCH TOGGLE ASSY DPDT 2P MNT .....<br>includes mounting fasteners                                      | 1    |
| 9    | 128200GT  | SWITCH TOGGLE ASSY SPDT 3P MOM .....<br>includes mounting fasteners                                      | 3    |
| 10   | 147094GT  | ASSY, CIRCUIT BREAKER 15A .....<br>includes mounting fasteners                                           | 2    |
| 11   | 19506GT   | HOUR METER, 10-80 VOLTS*** .....<br>includes mounting bracket                                            | 1    |
| 12   | 229567GT  | PLUG,SANTOPRENE .5 BLACK DOME .....                                                                      | 2    |
| 13   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                                                          | 9    |
| 14   | 32659GT   | CONTROL BOX W/DECAL,GROUND .....                                                                         | 1    |
| 14-  | 121599GT  | GASKET,GBOX,S80/85 2008 .....                                                                            | 1    |
| 15   | 54525GT   | BRACKET-PANEL-WIRE MOUNTING 99 .....                                                                     | 2    |
| 16   | 27287GT   | RESISTOR,10 OHM,25 WATT .....                                                                            | 1    |
| 17   | 66812GT   | BUTTON,PUSH,RED MUSHROOM HEAD .....                                                                      | 1    |
| 17-  | 146478GT  | BOOT(BELLOWS),E-STOP,BLACK .....                                                                         |      |
| 18   | 122512GT  | KIT,KEYSWITCH SVC BB & SM BOOM .....<br>includes item 22                                                 | 1    |
| 18-  | 66811GT   | KEYSWITCH,3POS.MNTND.DR WKEY** .....<br>includes keyswitch and two keys, not included: base or contacts. | 1    |
| 18-  | 122366GT  | KEYSWITCH,CONTACTS LOCK .....                                                                            | 1    |
| 18-  | 21982GT   | KEY,SINGLE*** .....                                                                                      | 1    |
| 18-  | 37947GT   | KEYS,10 PACK*** .....                                                                                    | 1    |
| 19   | 13471GT   | COVER, AUXILIARY POWER SWITCH .....                                                                      | 1    |
| 20   | 128201GT  | SWITCH TOGGLE ASSY DPDT 2P MOM .....<br>includes mounting fasteners                                      | 1    |
| 21   | 13268GT   | CLAMP,0.75,#12 X 1/4,RUB CUSH .....                                                                      | 1    |
| 22   | 66821GT   | BASE,WITHOUT CONTACTS .....                                                                              | 1    |

506.1 Ground Controls - View 2



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                 | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------|-------------|
| 22-         | 66816GT         | CONTACT,N.O.*** .....                              | 1           |
| 23          | 122514GT        | KIT,ESTOP SVC BB&SM BOOM .....<br>includes item 17 | 1           |
| 23-         | 66818GT         | CONTACT,NC .....                                   | 1           |
| 23-         | 66821GT         | BASE,WITHOUT CONTACTS .....                        |             |

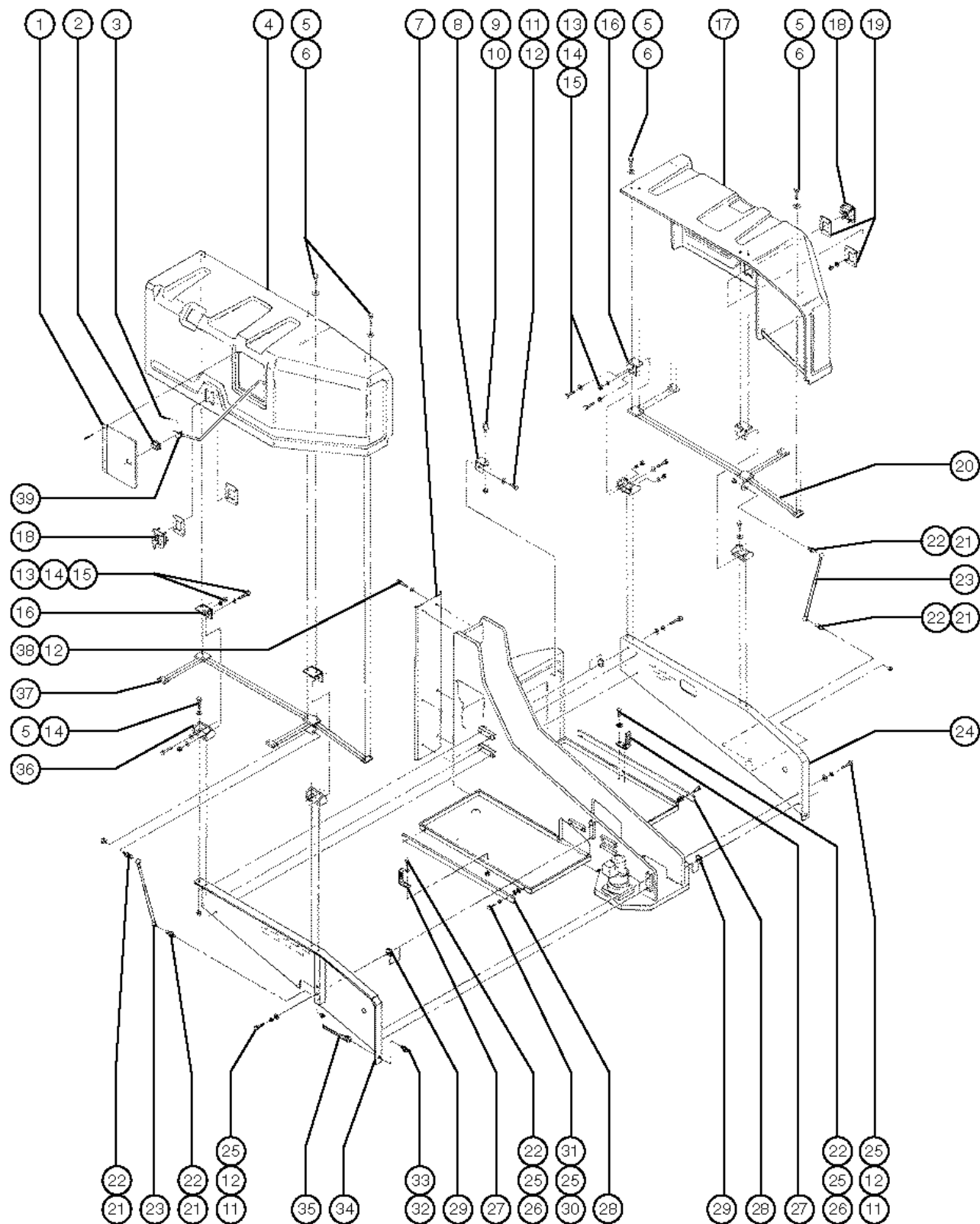
507.1 Turntable Covers





| Item | Part No.   | Description                                 | Qty. |
|------|------------|---------------------------------------------|------|
| 1    | 30751GT    | COVER,LOWER CONTROL BOX--GRAY .....         | 1    |
| 2    | 30468GT    | LATCH,SLIDE, FLUSH MOUNT STYLE .....        | 1    |
| 3    | 8920GT     | RIVET,ALUM,ALUM,P.,156 X .375 .....         | 7    |
| 4    |            | COVER ASSY,TANK SIDE,T.TABLE .....          | 1    |
|      |            | (no longer available)                       |      |
| 4-   | 34619GT    | BUMPER,RUBBER*** .....                      | 4    |
| 5    | 8915GT     | SCREW, HHC, 1/4-20 X 1.25 .....             | 24   |
| 6    | 12906GT    | WASHER,FENDER,.25 X 1.25 X.062 .....        | 20   |
| 7    | 52650-SGT  | COVER-FRONT TRNTBLE W/DE S40** .....        | 1    |
| 8    | 53033P-SGT | BRKT,TRNTBL,COV ADJ,RH,PAINTED .....        | 1    |
| 8-   | 30965PGT   | BRACKET,T.T.COVER ADJ.LH,PNTD. ....         | 1    |
| 9    | 30973GT    | BUMPER,RUBBER-1 X 1.25 .....                | 2    |
| 10   | 18504GT    | NUT,LOCKING-LG.FLANGE,1/4-20 .....          | 2    |
| 11   | 6175GT     | SCREW,HHC,3/8-16 X 1 .....                  | 20   |
| 12   | 6021GT     | WASHER, LOCK, .375 .....                    | 20   |
| 13   | 6888GT     | SCREW, HHC, 1/4-20 X 1 .....                | 12   |
| 14   | 6638GT     | WASHER, FLAT, USS, 1/4"Y .....              | 24   |
| 15   | 6091GT     | NUT, NYLOCK, 1/4-20 .....                   | 12   |
| 16   | 75073GT    | HINGE,.375X.120THK.,SLOTTED .....           | 4    |
| 17   | 32758GT    | COVER ASSY,ENGINE,GAS/LPG .....             | 1    |
|      |            | includes index numbers 18 and 19            |      |
| 17-  | 34619GT    | BUMPER,RUBBER*** .....                      | 4    |
| 18   | 28125GT    | LATCH,FLUSH CUP*** .....                    | 2    |
| 18-  | 29314GT    | KEY,LATCH, 1 PAIR (28125) .....             | 2    |
| 19   | 28471GT    | PLATE,SWING COVER LATCH .....               | 4    |
| 20   | 30760GT    | COVER SUPPORT WELDMENT RH. ....             | 1    |
| 21   | 27114GT    | BALL STUD,1/2" BALL,3/8-16X1.2 .....        | 4    |
| 22   | 4828GT     | NUT, NYLOCK, 3/8-16 .....                   | 8    |
| 23   | 28301GT    | GAS STRUT,250 LBS FORCE*** .....            | 2    |
| 23-  | 27377GT    | RETAINER,GAS SPRING*** .....                | 2    |
|      |            | order separately (does not come with 28301) |      |

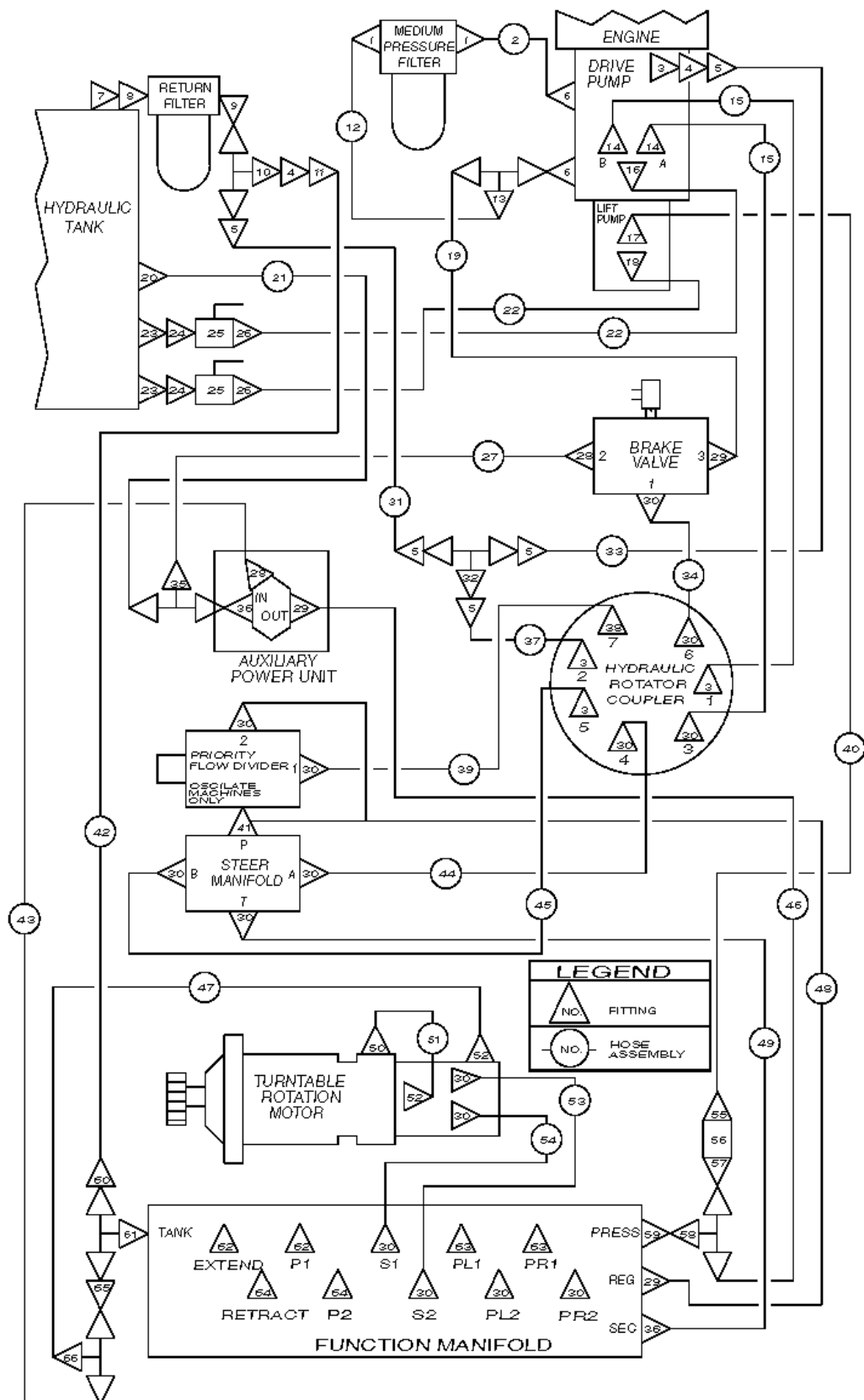
507.1 Turntable Covers



## 507.1 Turntable Covers

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                         | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------|-------------|
| 23-         | 33555GT         | BALL STUD**<br>order separately (does not come with 28301) | 2           |
| 24          | 30744GT         | COVER SUPPORT WELDMENT RH.                                 | 1           |
| 25          | 6097GT          | WASHER, FLAT, USS, 3/8", Y                                 | 24          |
| 26          | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5                              | 4           |
| 27          | 30277PGT        | COVER LATCH ANGLE,PAINTED                                  | 2           |
| 28          | 30961GT         | BAR,TURNTABLE COVER STOP                                   | 2           |
| 29          | 29868GT         | SPRING CLIP,3/8-16,.05-.20X.73,ZAG                         | 20          |
| 30          | 16439GT         | SCREW,FHS,3/8-16 X 1                                       | 6           |
| 31          | 7713GT          | NUT, LP NYLOCK, 3/8-16                                     | 6           |
| 32          | 30430GT         | BULKHEAD,FEMALE X 4                                        | 1           |
| 33          | 28646GT         | ZERK,GREASE,1/8 NPT                                        | 1           |
| 34          | 30743GT         | COVER SUPPORT WELDMENT LH.                                 | 1           |
| 35          | 30886GT         | HOSE ASSEMBLY,19"                                          | 1           |
| 36          | 35949P-SGT      | BRACKET,COVER HINGE,BLUE                                   | 4           |
| 37          | 30759GT         | COVER SUPPORT WELDMENT LH.                                 | 1           |
| 38          | 8255GT          | SCREW,HHC,3/8-16 X .75                                     | 6           |
| 39          | 30486GT         | DOOR CATCH,BASE CONTROL BOX                                | 1           |

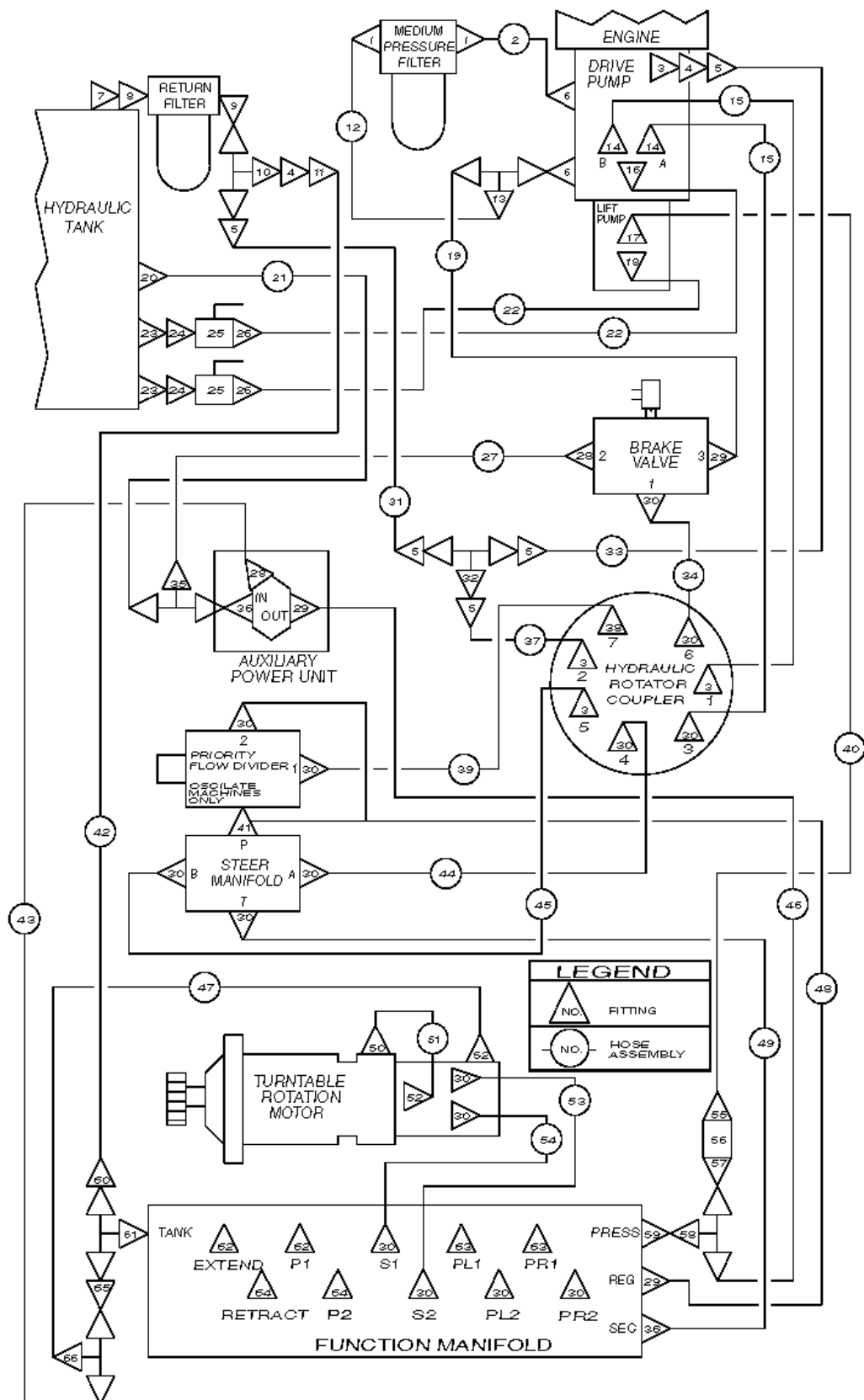
## 508.1 Hydraulic Hoses and Fittings



## 508.1 Hydraulic Hoses and Fittings

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------|-------------|
| 1           | 25951GT         | ELBOW,070220-8-12 .....             | 2           |
| 2           | 30861GT         | HOSE ASSEMBLY,36.50" .....          | 1           |
| 3           | 19687GT         | CONNECTOR,070120-12-12 .....        | 4           |
| 4           | 20022GT         | ELBOW,070221-12-12 .....            | 2           |
| 5           | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 ..... | 5           |
| 6           | 22665GT         | CONNECTOR,070120-8-10 .....         | 2           |
| 7           | 30342GT         | ELBOW,140238-16-16 .....            | 1           |
| 8           | 30343GT         | NIPPLE,HEX,140137-16 .....          | 1           |
| 9           | 27202GT         | ELBOW,070202-12-16 .....            | 1           |
| 10          | 20326GT         | TEE,RUN,070432-12 .....             | 1           |
| 11          | 45359GT         | HOSE END,BARBED,SWIVEL,-12-12 ..... | 1           |
| 12          | 30959GT         | HOSE ASSEMBLY,41" .....             | 1           |
| 13          | 21252GT         | TEE,RUN,070432-8 .....              | 1           |
| 14          | 30831GT         | ELBOW,070320-12-16 .....            | 2           |
| 15          | 30860GT         | HOSE ASSEMBLY,52" .....             | 2           |
| 16          | 20709GT         | CONNECTOR,070120-16-16 .....        | 1           |
| 17          | 24058GT         | ELBOW,070320-8-10 .....             | 1           |
| 18          | 20710GT         | CONNECTOR,070120-16-12 .....        | 1           |
| 19          | 30870GT         | HOSE ASSEMBLY,41" .....             | 1           |
| 20          | 10355GT         | CONNECTOR,070102-6-6 .....          | 1           |
| 21          | 30869GT         | HOSE ASSEMBLY,24.50" .....          | 1           |
| 22          | 30862GT         | HOSE ASSEMBLY,41" .....             | 2           |
| 23          | 45161GT         | STRAINER ASSEMBLY,1.5" NPT .....    | 2           |
| 24          | 27191GT         | ELBOW,140339-16-16 .....            | 2           |
| 25          | 30347GT         | VALVE,BALL,1" MPT X FPT .....       | 2           |
| 26          | 45166GT         | HOSE END,BARBED RIGID-16-16 .....   | 2           |
| 27          | 30873GT         | HOSE ASSEMBLY,42" .....             | 1           |
| 28          | 13756GT         | CONNECTOR,070120-4-6 .....          | 2           |

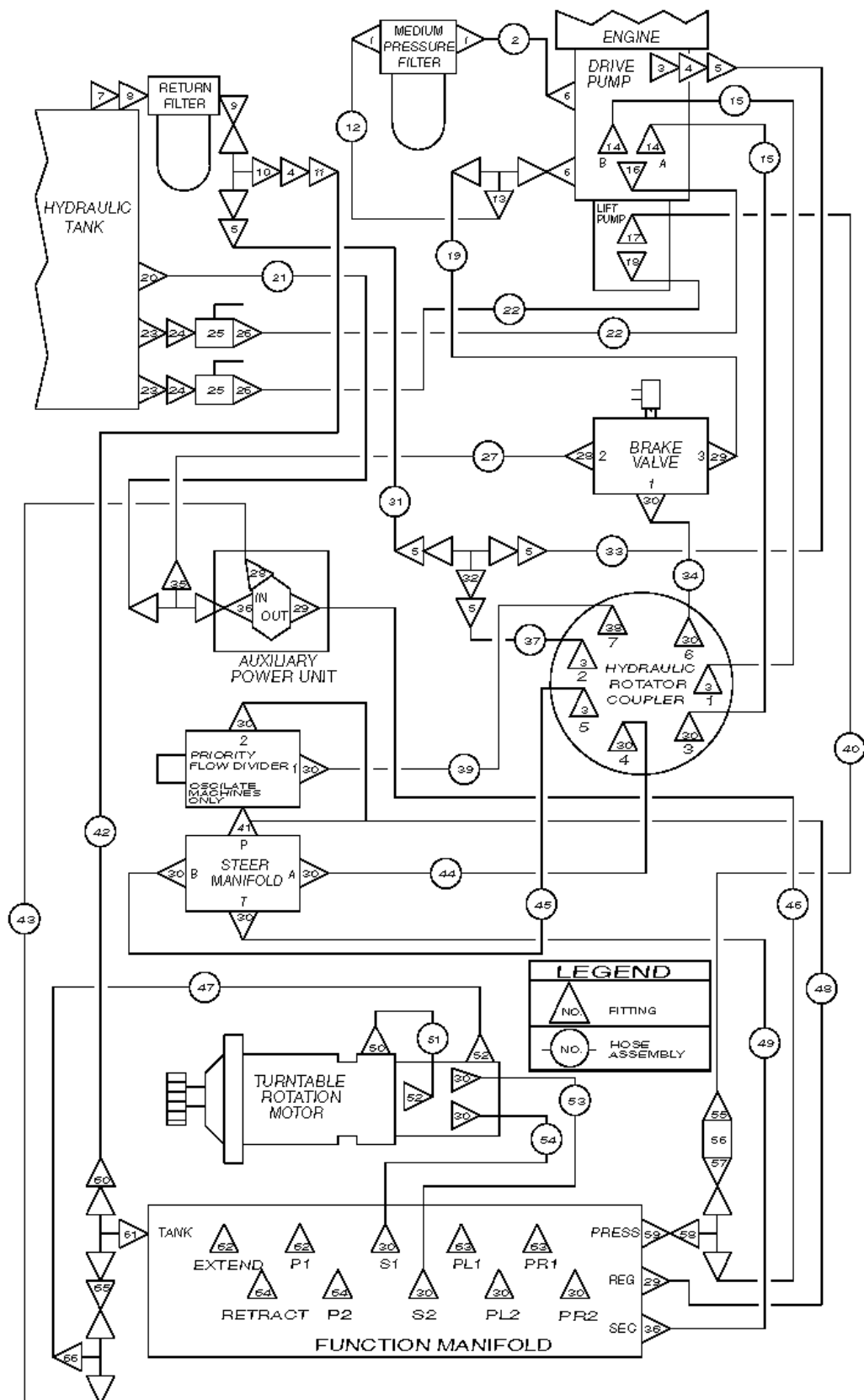
## 508.1 Hydraulic Hoses and Fittings



## 508.1 Hydraulic Hoses and Fittings

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                 | <i>Qty.</i> |
|-------------|-----------------|------------------------------------|-------------|
| 29          | 13120GT         | ELBOW,070220-6-6 .....             | 3           |
| 30          | 45412GT         | CONNECTOR,070120-6-6 .....         | 15          |
| 31          | 30858GT         | HOSE ASSEMBLY,42.25" .....         | 1           |
| 32          | 28445GT         | TEE,UNION,070401-12 .....          | 1           |
| 33          | 30859GT         | HOSE ASSEMBLY,35.25" .....         | 1           |
| 34          | 30959GT         | HOSE ASSEMBLY,41" .....            | 1           |
| 35          | 13119GT         | TEE,RUN,070428-6-6 .....           | 1           |
| 36          | 18687GT         | CONNECTOR,070120-6-8 .....         | 2           |
| 37          | 30857GT         | HOSE ASSEMBLY,26.25" .....         | 1           |
| 38          | 45412GT         | CONNECTOR,070120-6-6 .....         | 1           |
|             |                 | oscillating models only            |             |
| 38-         | 45395GT         | PLUG,HEX HEAD,090109A-6 .....      | 1           |
|             |                 | non-oscillating models only        |             |
| 39          | 34038GT         | HOSE ASSEMBLY,44" .....            | 1           |
| 40          | 30855GT         | HOSE ASSEMBLY,45.75" .....         | 1           |
| 41          | 30877GT         | ADAPTER,STR.THRD.TO STR.THRD. .... | 1           |
|             |                 | oscillating models only            |             |
| 41-         | 45412GT         | CONNECTOR,070120-6-6 .....         | 1           |
|             |                 | non-oscillating models only        |             |
| 42          | 30854GT         | HOSE ASSEMBLY,15" .....            | 1           |
| 43          | 30863GT         | HOSE ASSEMBLY,14.75" .....         | 1           |
| 44          | 30871GT         | HOSE ASSEMBLY,44.50" .....         | 1           |
| 45          | 30872GT         | HOSE ASSEMBLY,41" .....            | 1           |
| 46          | 30868GT         | HOSE ASSEMBLY,25" .....            | 1           |
| 47          | 30864GT         | HOSE ASSEMBLY,27" .....            | 1           |
| 48          | 30874GT         | HOSE ASSEMBLY,37.75" .....         | 1           |
| 49          | 34037GT         | HOSE ASSEMBLY,32.0" .....          | 1           |
| 50          | 13921GT         | ELBOW,070220-4-4 .....             | 1           |
| 51          | 30867GT         | HOSE ASSEMBLY,16.75" .....         | 1           |
| 52          | 13755GT         | CONNECTOR,070120-4-4 .....         | 2           |
| 53          | 30866GT         | HOSE ASSEMBLY,19.25" .....         | 1           |
| 54          | 30865GT         | HOSE ASSEMBLY,21.38" .....         | 1           |

## 508.1 Hydraulic Hoses and Fittings

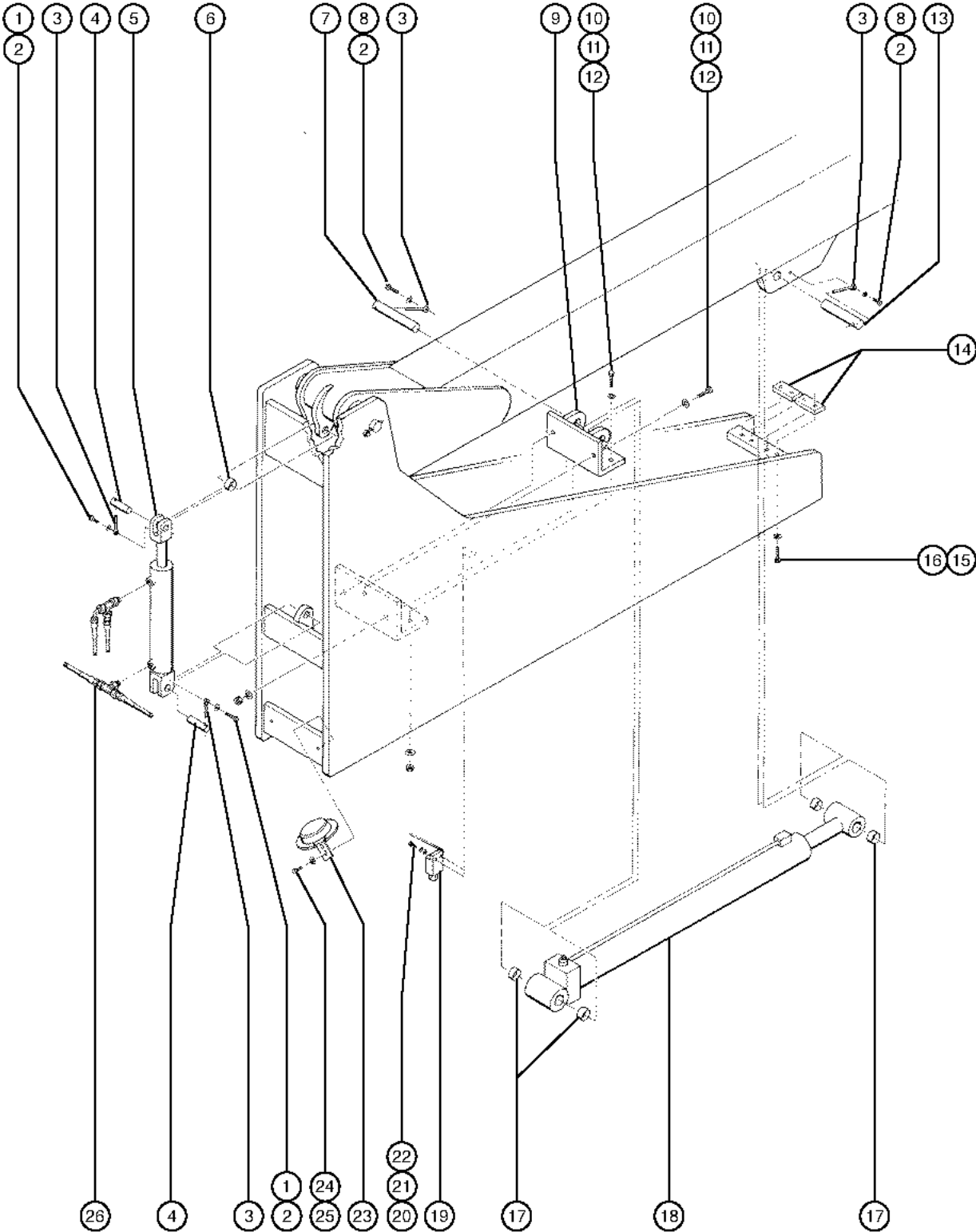




## 508.1 Hydraulic Hoses and Fittings

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------|-------------|
| 55          | 45349GT         | ELBOW,070320-8-8 .....            | 1           |
| 56          | 31798GT         | VALVE,CHECK,#8 O-RING PORTS ..... | 1           |
| 57          | 31797GT         | ADAPTER,6402-8-8 .....            | 1           |
| 58          | 22540GT         | TEE,BRANCH,070429-8-8 .....       | 1           |
| 59          | 27192GT         | ADAPTER,O-RING,G6410-10-8 .....   | 1           |
| 60          | 30591GT         | PLATE,SIDE CHASSIS .....          | 1           |
| 61          | 30875GT         | TEE,BRANCH,070429-10-10 .....     | 1           |
| 62          | 32156GT         | CONNECTOR,070122-8-8 .....        | 2           |
| 63          | 45412GT         | CONNECTOR,070120-6-6 .....        | 2           |
| 64          | 45703GT         | CONNECTOR,070120-8-8 .....        | 2           |
| 65          | 30876GT         | REDUCER,070123-10-4 .....         | 1           |
| 66          | 13757GT         | TEE,RUN,070432-4 .....            | 1           |

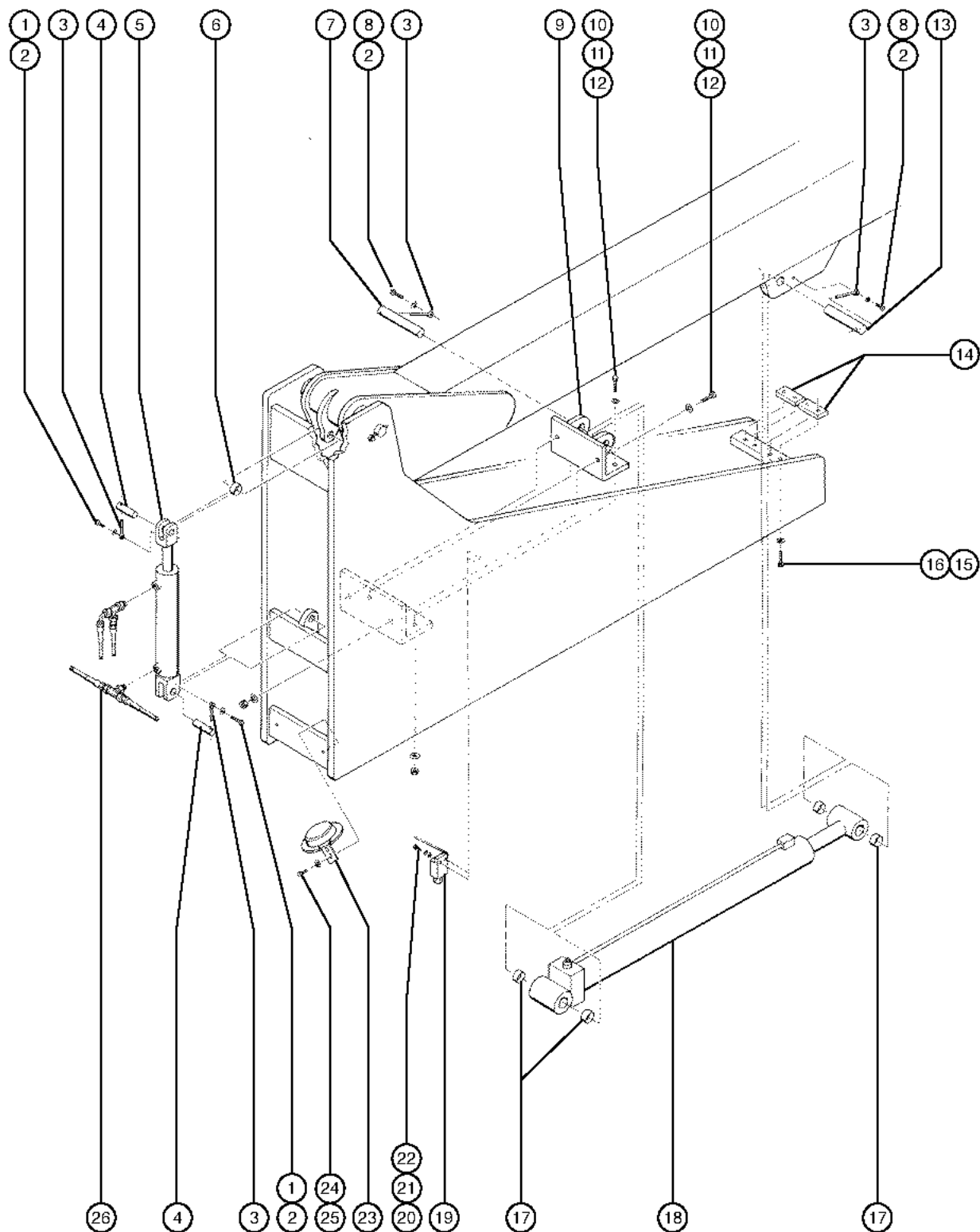
601.1 Boom Lift and Master Cylinder Installation



## 601.1 Boom Lift and Master Cylinder Installation

| Item | Part No.      | Description                                                                                                                 | Qty. |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 6175GT        | SCREW,HHC,3/8-16 X 1 .....                                                                                                  | 2    |
| 2    | 6021GT        | WASHER, LOCK, .375 .....                                                                                                    | 4    |
| 3    | 825019GT      | ROD END, .375X3.69, ZAG .....                                                                                               | 3    |
| 4    | 30734GT       | PIN,1.00DIA X 2.88LG,1HOLE .....                                                                                            | 2    |
| 5    | 81692GT       | CYLINDER,MASTER,S40***<br>always check stamped numbers on cylinder and verify with Genie Parts before ordering<br>seal kits | 1    |
| 5-   | 31078GT       | SEAL KIT,HYDRAULIC CYLINDER*** .....                                                                                        | 1    |
| 6    | 53452GT       | BEARING,1.00ID X 1.50OD X 1.00L .....                                                                                       | 1    |
| 7    | 30733GT       | PIN,1.50DIA X 7.75LG,1HOLE .....                                                                                            | 1    |
| 8    | 6019GT        | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                                                                         | 2    |
| 9    | 30662GT       | MACH.,PRIMARY CYLINDER MNT .....                                                                                            | 1    |
| 10   | 13003GT       | SCREW,HHC,5/8-11 X 3.5 GRD.8 .....                                                                                          | 4    |
| 11   | 13064GT       | WASHER,FLAT,.625 HARDENED .....                                                                                             | 8    |
| 12   | 6024GT        | NUT,NYLOCK,5/8-11 .....                                                                                                     | 4    |
| 13   | 30732GT       | PIN,1.50DIA X 6.38LG,1HOLE .....                                                                                            | 1    |
| 14   | 45209GT       | WEAR PAD,4X2X.5 W/INSERT*** .....                                                                                           | 2    |
| 15   | 6090GT        | SCREW, HHC, 1/4-20 X .75 .....                                                                                              | 4    |
| 16   | 6886GT        | WASHER,LOCK,.313 .....                                                                                                      | 4    |
| 17   | 1262634GT     | BUSHING,POLYGON,BM5121 .....                                                                                                | 4    |
| 18   | 63206GT       | CYLINDER,LIFT,S40<br>includes 4 each index number 17 .....                                                                  | 1    |
| 18-  | 63346GT       | SEAL KIT CYL,S40 (63206) .....                                                                                              |      |
| 18-  | 33428GT       | VALVE,COUNTERBALANCE<br>for 63206 cylinder .....                                                                            |      |
| 18   | 32713GT       | SEAL KIT (CYL PN 30529) .....                                                                                               |      |
| 18   | 31106GT       | VALVE,CNTERBAL,CBBB-LHN@3000**<br>CYL PN 30529 .....                                                                        |      |
| 19   | 88356-127J5GT | SWITCH,LIMIT,W/6.25"SPRING ARM .....                                                                                        | 1    |
| 19-  | 19491GT       | CONTACTOR,LIMIT SWITCH .....                                                                                                |      |
| 19-  | 106433GT      | LS SPRING WAND (ZCY91) .....                                                                                                |      |
| 20   | 16486GT       | SCREW,RHM,10-32 X 1.75 .....                                                                                                | 2    |
| 21   | 6607GT        | WASHER,LOCK,#10 PLTD .....                                                                                                  | 2    |

601.1 Boom Lift and Master Cylinder Installation

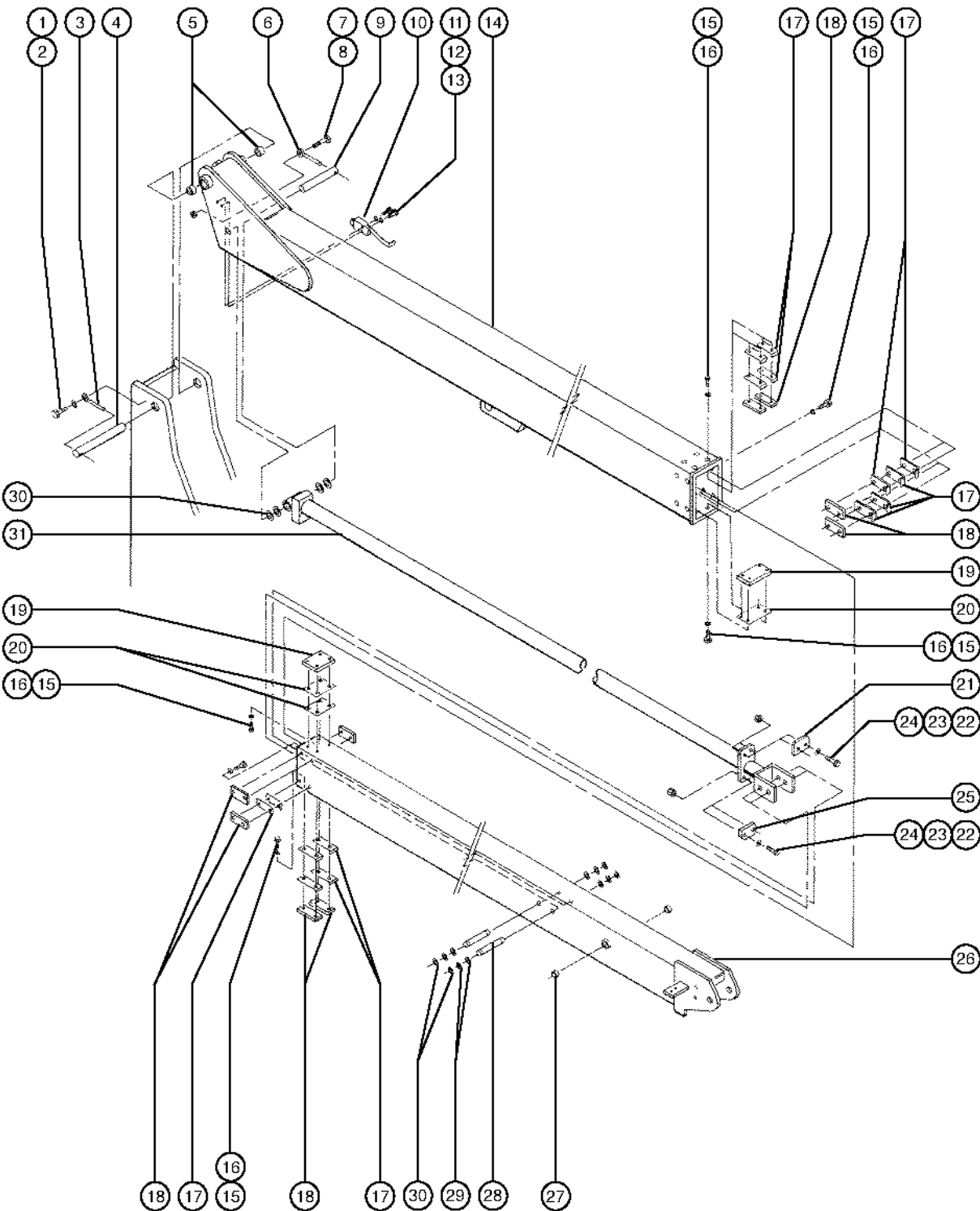


601.1 Boom Lift and Master Cylinder Installation

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                     | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------------|-------------|
| 22          | 6146GT          | WASHER,FLAT,MS,#10,Y .....                                             | 2           |
| 23          | 56264GT         | HORN,12V SCREW TERMINAL *** .....                                      | 1           |
| 24          | 8255GT          | SCREW,HHC,3/8-16 X .75 .....                                           | 1           |
| 25          | 6097GT          | WASHER, FLAT, USS, 3/8", Y .....                                       | 1           |
| 26          |                 | Ref. Hydraulic Hoses & Fittings (refer to figure 6-E, page 6-12) ..... | 1           |

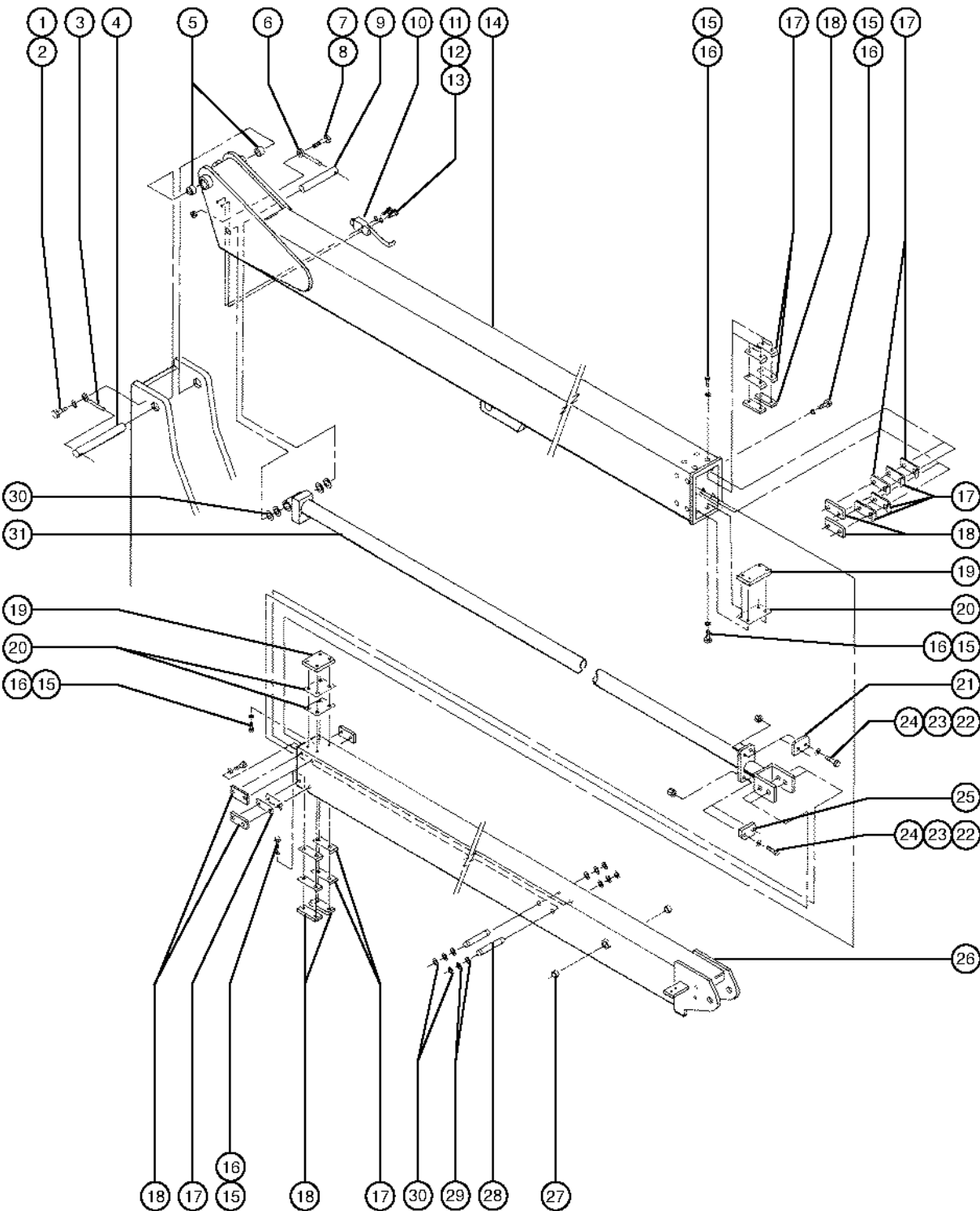


602.1 Boom Installation



| Item | Part No.  | Description                                                                                                                                                  | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 10597GT   | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                                                                                                            | 1    |
| 2    | 6033GT    | WASHER,LOCK,0.5" .....                                                                                                                                       | 1    |
| 3    | 1256267GT | ROD END,.5 X 3.75,ZAG .....                                                                                                                                  | 1    |
| 4    | 30731GT   | PIN,PRIM.BOOM,16.0 X 1.5 INCH .....                                                                                                                          | 1    |
| 5    | 30738GT   | BEARING,1.50IDX2.00ODX1.50LG .....                                                                                                                           | 2    |
| 6    | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                                                                                | 1    |
| 7    | 13918GT   | SCREW,HHC,3/8-16 X 1.75,GRD.8 .....                                                                                                                          | 1    |
| 8    | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                                                                                                                    | 1    |
| 9    | 30730GT   | PIN,1.00DIA X 9.46LG,2RING .....                                                                                                                             | 1    |
| 10   | 34961GT   | SWITCH,LIMIT,W/ROLLER ARM .....                                                                                                                              | 1    |
| 10-  | 19491GT   | CONTACTOR,LIMIT SWITCH .....                                                                                                                                 | 1    |
| 10-  | 30692GT   | ARM, LIMIT SWITCH .....                                                                                                                                      | 1    |
| 11   | 16486GT   | SCREW,RHM,10-32 X 1.75 .....                                                                                                                                 | 2    |
| 12   | 6607GT    | WASHER,LOCK,#10 PLTD .....                                                                                                                                   | 2    |
| 13   | 6178GT    | NUT, NYLOCK, 10-32 .....                                                                                                                                     | 2    |
| 14   | 102143GT  | PRIMARY BOOM ASSY,S40<br>(includes item 5 and PN 53452, refer to 601.1, item 6 ) (customer must also order part<br>number 73969, for first time replacement) | 1    |
| 15   | 8255GT    | SCREW,HHC,3/8-16 X .75 .....                                                                                                                                 | 32   |
| 16   | 6021GT    | WASHER, LOCK, .375 .....                                                                                                                                     | 32   |
| 17   | 29080GT   | SHIM,WEAR PAD,5X 1.5 16GA .....                                                                                                                              | 24   |
| 18   | 30138GT   | WEAR PAD,5 X 1.5 X .625 W/NUTS .....                                                                                                                         | 12   |
| 19   | 30741GT   | WEAR PAD,6.5 X 5 X .75 W/NUTS .....                                                                                                                          | 2    |
| 20   | 30472GT   | SHIM,PRIMARY BOOM,.064 THK. ....                                                                                                                             | 4    |
| 21   | 30581GT   | PAD,EXTENSION CYLINDER, TOP .....                                                                                                                            | 1    |
| 22   | 6637GT    | SCREW,HHC,1/4-20 X 1.75 .....                                                                                                                                | 6    |
| 23   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                                                                               | 6    |
| 24   | 6091GT    | NUT, NYLOCK, 1/4-20 .....                                                                                                                                    | 4    |
| 25   | 30582GT   | PAD,EXTENSION CYLINDER,BOTTOM .....                                                                                                                          | 1    |

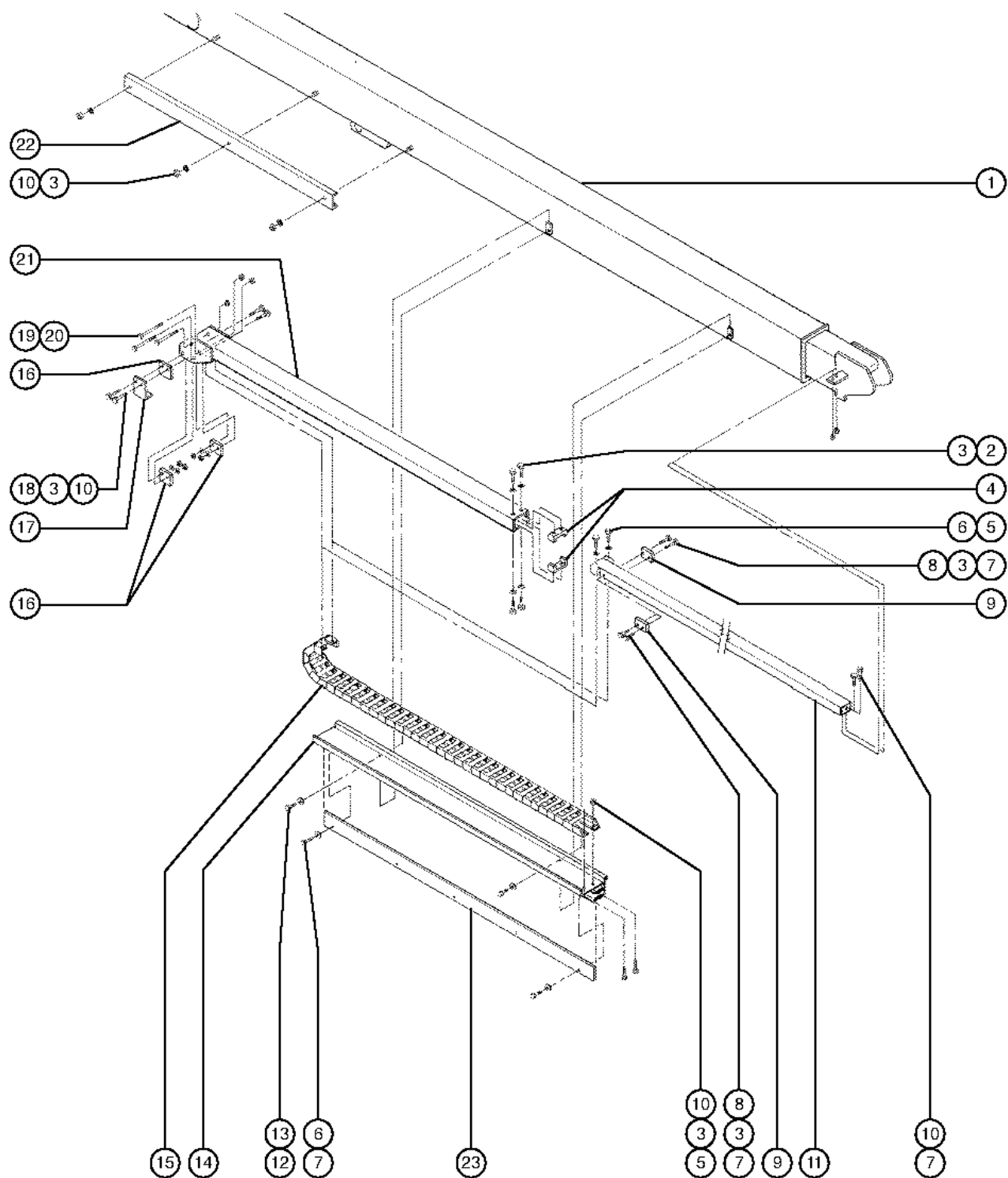
602.1 Boom Installation





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                                                                | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 26          | 73969GT         | PRIMARY BOOM EXT ASSY,S-40***<br>(includes item number 27) (customer must also order part number 102143, for first time replacement)              | 1           |
| 27          | 30220GT         | BEARING,1.25ID X 1.5OD X 0.69L .....                                                                                                              | 2           |
| 28          | 30729GT         | PIN,1.00DIAX6.67LG,2RING .....                                                                                                                    | 2           |
| 29          | 30748GT         | WASHER,SHIM,1.01 X 1.63 X.062 .....                                                                                                               | 12          |
| 30          | 1253843GT       | SNAP RING,EXTERNAL,1.00,ZAG .....                                                                                                                 | 4           |
| 31          | 63202GT         | CYLINDER,EXT.2.5" X 163.5"<br>check stamped numbers on side of cylinder and verify with Genie Parts before ordering to ensure correct replacement | 1           |
| 31-         |                 | SEAL KIT (CYL PN 30528) .....                                                                                                                     | 1           |
| 31-         |                 | (no longer available)                                                                                                                             |             |
| 31-         | 32712GT         | VALVE,COUNTERBAL.CBBB-LHN@2600 .....                                                                                                              | 2           |
| 31-         | 1274506GT       | GLAND NUT ASSEMBLY .....                                                                                                                          |             |

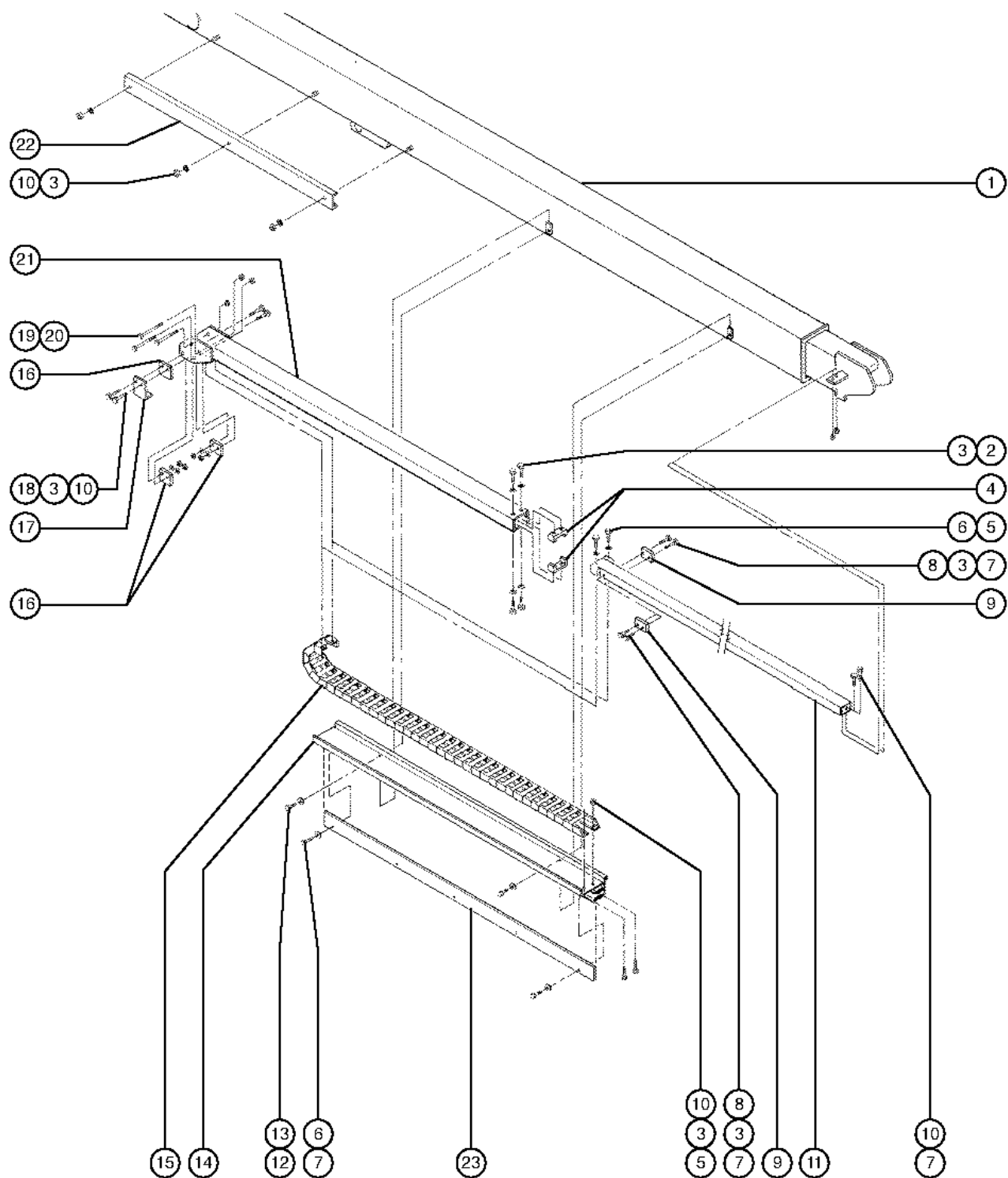
603.1 Cable Track Installation



## 603.1 Cable Track Installation

| Item | Part No.  | Description                                                                                                                                                      | Qty. |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    |           | Ref. Boom Installation (refer to figure 6-B, page 6-4) .....                                                                                                     |      |
| 2    | 6888GT    | SCREW, HHC, 1/4-20 X 1 .....                                                                                                                                     | 4    |
| 3    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                                                                                   | 17   |
| 4    | 30750GT   | WEAR PAD,CABLE TRACK TUBE .....                                                                                                                                  | 2    |
| 5    | 8914GT    | SCREW, HHC, 1/4-20 X .625 .....                                                                                                                                  | 4    |
| 6    | 6356GT    | WASHER, LOCK, .25 .....                                                                                                                                          | 7    |
| 7    | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                                                                                                   | 11   |
| 8    | 6889GT    | NUT,LP NYLOCK,1/4-20 .....                                                                                                                                       | 4    |
| 9    | 31411GT   | WEAR PAD,CABLE TRACK .....                                                                                                                                       | 2    |
| 10   | 6091GT    | NUT, NYLOCK, 1/4-20 .....                                                                                                                                        | 11   |
| 11   | 30670-SGT | WLDMT.CABLE TRACK SUPP.TUBE*** .....                                                                                                                             | 1    |
| 12   | 8255GT    | SCREW,HHC,3/8-16 X .75 .....                                                                                                                                     | 2    |
| 13   | 6021GT    | WASHER, LOCK, .375 .....                                                                                                                                         | 2    |
| 14   | 32684GT   | CABLE TRACK TRAY ASSY S40 .....                                                                                                                                  | 1    |
| 15   | 73994GT   | CABLETRACK,PLATED, 41 LINK<br>PLASTIC CABLE TRACK is no longer available. For first time replacement order both kits 43934 and 41621 .....                       | 1    |
| 15-  | 43934GT   | KIT,STEEL CABLE TRACK,S40<br>Used to convert PLASTIC CABLE TRACK to STEEL CABLE TRACK part 73994, must be ordered with kit 43934 on first time replacement ..... |      |
| 15-  | 41621GT   | KIT,CABLE TRACK UPDATE<br>Used with kit 43934 to convert from PLASTIC CABLE TRACK to STEEL CABLE TRACK .....                                                     |      |
| 15-  | 72268GT   | END SET,STEEL43482,43483,43484 .....                                                                                                                             |      |
| 15-  | 81007GT   | REPAIR LINK, 4 LINKS PLATED .....                                                                                                                                |      |
| 15-  | 46766GT   | CLAMP, CABLE TRACK .....                                                                                                                                         |      |
| 15-  | 29480GT   | TRACK REPAIR,7 LINK (25706)<br>plastic repair links for PLASTIC CABLE TRACK .....                                                                                | 1    |
| 15-  | 29481GT   | PLASTIC TRACK BRKT SET<br>plastic repair links for PLASTIC CABLE TRACK .....                                                                                     | 1    |
| 16   | 30749GT   | WEAR PAD,CABLE TRACK TUBE .....                                                                                                                                  | 3    |
| 17   | 32685GT   | BRACKET,CABLE TRACK GUIDE .....                                                                                                                                  | 1    |
| 18   | 4266GT    | SCREW,HHC,1/4-20 X 2 .....                                                                                                                                       | 4    |
| 19   | 22832GT   | SCREW,HHC,3/8-16 X 6 .....                                                                                                                                       | 3    |
| 20   | 7713GT    | NUT, LP NYLOCK, 3/8-16 .....                                                                                                                                     | 3    |

603.1 Cable Track Installation

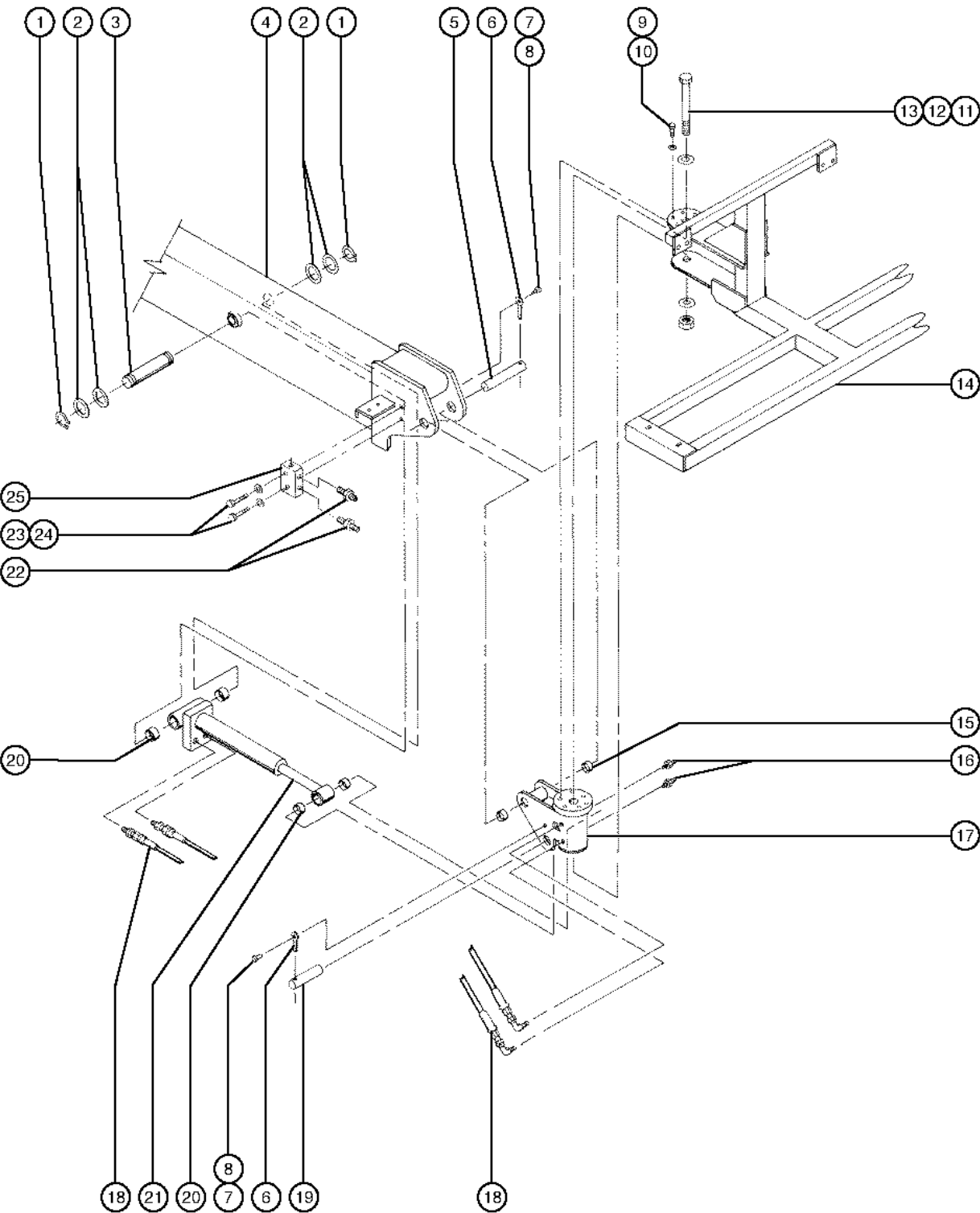


603.1 Cable Track Installation

| Item | Part No.   | Description                         | Qty. |
|------|------------|-------------------------------------|------|
| 21   | 30671-SGT  | WLDMT.CABLE TRACK TUBE S40 .....    | 1    |
| 22   | 25072P-SGT | HOSE COVER,LWR CABLE TRK,BLUE ..... | 1    |
| 23   | 30757-SGT  | COVER,CABLE TRACK TRAY .....        | 1    |



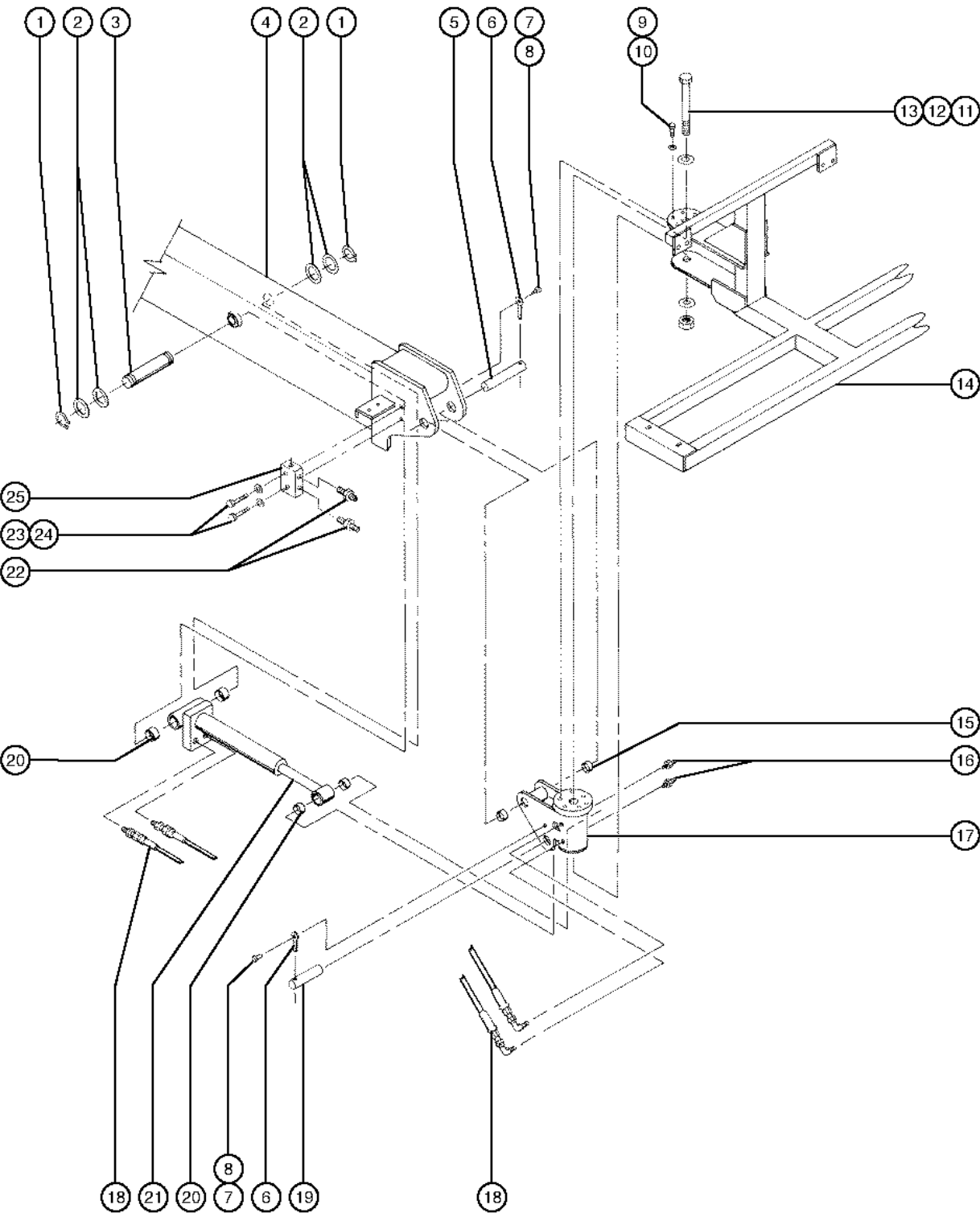
604.1 Slave Cylinder and Platform Rotator



## 604.1 Slave Cylinder and Platform Rotator

| Item | Part No.  | Description                                                                                                                    | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 1253843GT | SNAP RING,EXTERNAL,1.00,ZAG .....                                                                                              | 2    |
| 2    | 30748GT   | WASHER,SHIM,1.01 X 1.63 X.062 .....                                                                                            | 4    |
| 3    | 30728GT   | PIN,1.25DIAX7.17LG,2RING .....                                                                                                 | 1    |
| 4    |           | Ref. Boom Installation (refer to figure 602.1) .....                                                                           | 1    |
| 5    | 30727GT   | PIN,ROTATOR,8.13 X 1.25 INCH .....                                                                                             | 1    |
| 6    | 825019GT  | ROD END, .375X3.69, ZAG .....                                                                                                  | 2    |
| 7    | 8516GT    | SCREW, HCC, 3/8-16 X 1.50 .....                                                                                                | 2    |
| 8    | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                                                                                      | 2    |
| 9    | 10597GT   | SCREW,HHC,1/2-13 X 1.25 GR5<br>USE WITH ROTATOR PART NO 30669 .....                                                            | 6    |
| 9-   | 27035GT   | SCREW,SHC,3/8-16 X .75,BLACK<br>USE WITH ROTATOR PART NO 94398 (INCLUDED IN ROTATOR UPDATE KIT PART<br>NO 77874) .....         | 8    |
| 10   | 6033GT    | WASHER,LOCK,0.5" .....                                                                                                         | 6    |
| 11   | 30286GT   | SCREW,HHC,1-8 X 12IN GRD.2*** .....                                                                                            | 1    |
| 12   | 13775GT   | WASHER,FLAT,1.063 X 2 X .134 .....                                                                                             | 2    |
| 13   | 29764GT   | NUT,NYLOCK,1-8 .....                                                                                                           | 1    |
| 14   | 50144-SGT | PLATFORM SUPPORT WELDMENT*** .....                                                                                             | 1    |
| 15   | 30219GT   | BEARING,FL,1.25ID X 1.41OD X 1 .....                                                                                           | 2    |
| 15-  | 30378GT   | PLATE,REINFORCEMENT .....                                                                                                      | 2    |
| 16   | 13852GT   | VALVE ASSY,BLEED*** .....                                                                                                      | 2    |
| 16-  | 88516GT   | SCREW,BLEEDER,M5X0.8<br>USE WITH ROTATOR PART NO 94398 .....                                                                   |      |
| 17   | 77874GT   | ROTATOR ASSEMBLY,8.2K***<br>ROTATOR UPDATE KIT, REQUIRED FOR FIRST TIME REPLACEMENT OF PREVIOUS<br>ROTATOR PART NO 30669 ..... | 1    |
| 17A- | 94398GT   | ROTATOR,PLAT,NON-JIB<br>(INCLUDED IN ROTATOR UPDATE KIT PART NO 77874) .....                                                   | 1    |
| 17A- | 77877GT   | SHAFT ADAPTER, HELAC ROTATOR<br>(INCLUDED IN ROTATOR UPDATE KIT PART NO 77874) .....                                           |      |
| 17A- | 122944GT  | SEAL KIT,8K ROTATOR***<br>for rotator 94398 .....                                                                              |      |
| 17A- | 62417GT   | SEAL KIT,PLAT ROTATE***<br>for rotator 73917, 73499 .....                                                                      |      |
| 17B  | 65842GT   | SEAL KIT,UNIVERSAL,9K ROTATOR*<br>for rotator 30669 .....                                                                      | 1    |
| 17B  | 31498GT   | BEARING KIT,ROTATOR,9K***<br>for rotator 30669 .....                                                                           | 1    |
| 18   |           | Ref. Hydraulic Hoses & Fittings .....                                                                                          | 1    |

604.1 Slave Cylinder and Platform Rotator

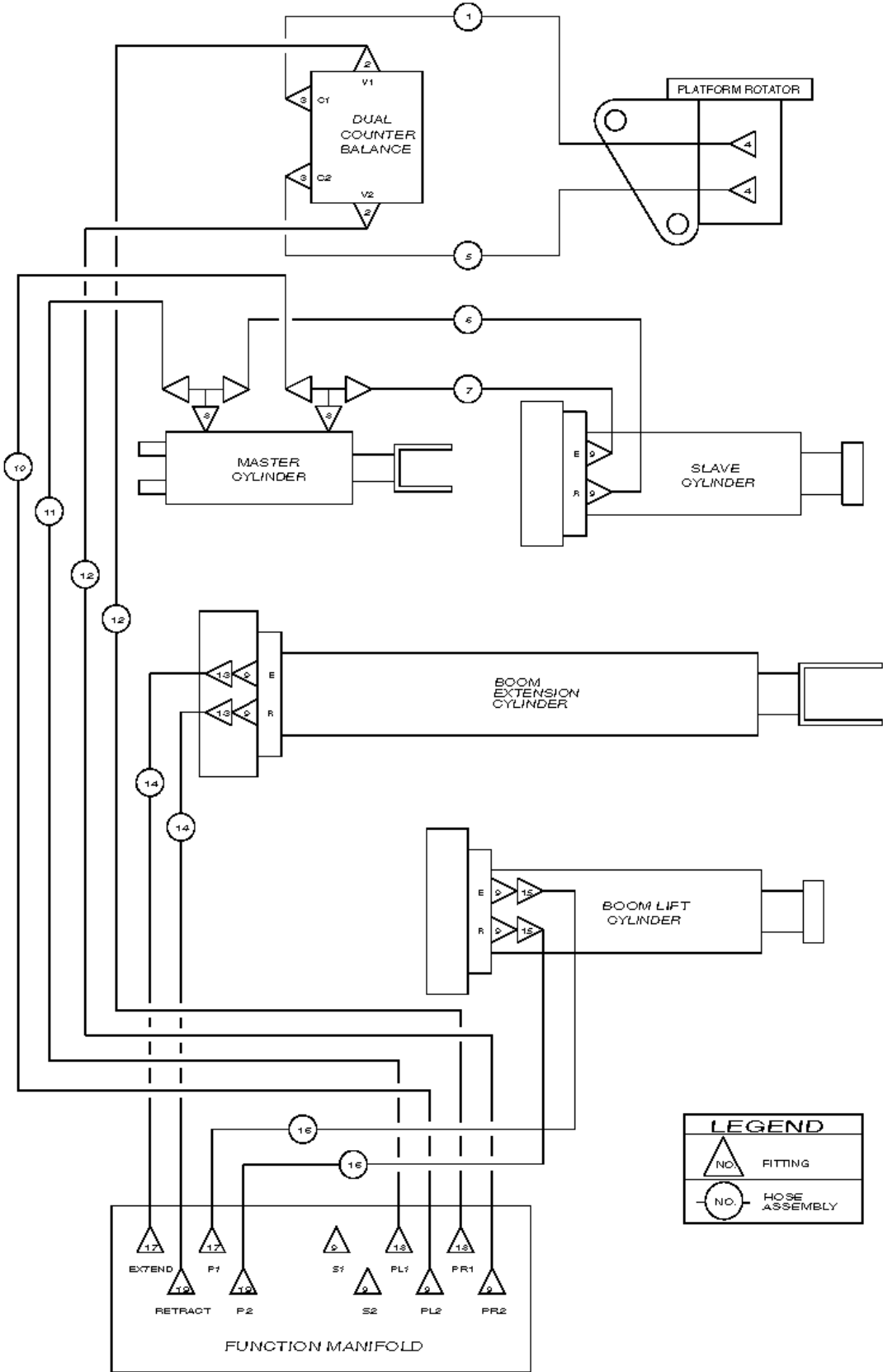




## 604.1 Slave Cylinder and Platform Rotator

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                                                                                  | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 19          | T108075GT       | PIN,1.25DIA X 5.25LG,1HOLE .....                                                                                                                                    | 1           |
| 20          | 25683GT         | BEARING,POLYGON,20DU12 .....                                                                                                                                        | 4           |
| 20-         | 59266GT         | BEARING, POLYGON P2055 (59105) .....                                                                                                                                | 4           |
| 21          | 81693GT         | CYLINDER,SLAVE,S40/45<br>includes index number 20. check the stamped numbers on the cylinder prior to ordering<br>with Genie Parts to ensure correct components. .. | 1           |
| 21-         | 75469GT         | SEAL KIT,CYL,S40 SLAVE (81693) .....                                                                                                                                | 1           |
| 21-         | 31078GT         | SEAL KIT,HYDRAULIC CYLINDER*** .....                                                                                                                                | 1           |
| 21-         | 43169GT         | VALVE,COUNTERBALANCE*** .....                                                                                                                                       | 1           |
| 21-         | 77303GT         | VALVE, CNTRBAL 3500 PSI, ATM VEN .....                                                                                                                              | 1           |
| 22          | 32722GT         | VALVE,COUNTERBAL.CBCG-LJN@3000 .....                                                                                                                                | 2           |
| 23          | 6637GT          | SCREW,HHC,1/4-20 X 1.75 .....                                                                                                                                       | 2           |
| 24          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                                                                                                                      | 2           |
| 25          | 30823GT         | VALVE,DUAL CB MANIFOLD .....                                                                                                                                        | 1           |
|             |                 | includes index number 22                                                                                                                                            |             |

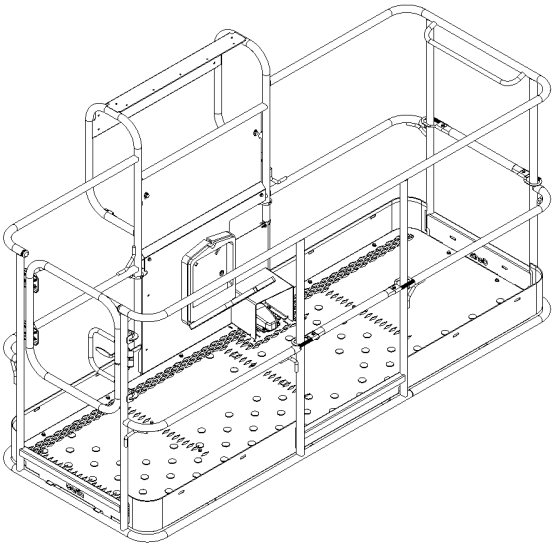
605.1 Hydraulic Hoses and Fittings



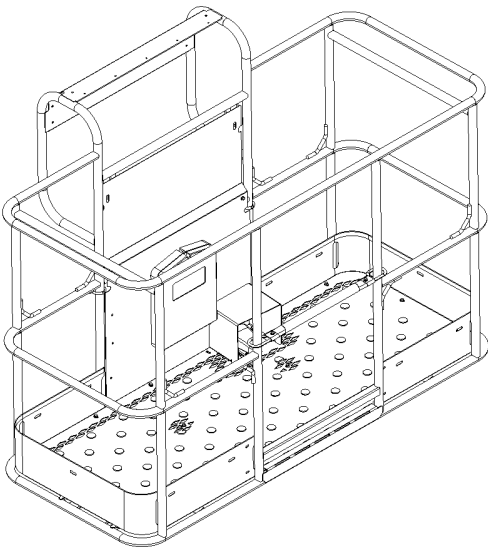
## 605.1 Hydraulic Hoses and Fittings

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>          | <i>Qty.</i> |
|-------------|-----------------|-----------------------------|-------------|
| 1           | 30887GT         | HOSE ASSEMBLY,28" .....     | 1           |
| 2           | 13120GT         | ELBOW,070220-6-6 .....      | 2           |
| 3           | 13756GT         | CONNECTOR,070120-4-6 .....  | 2           |
| 4           | 13921GT         | ELBOW,070220-4-4 .....      | 2           |
| 5           | 30888GT         | HOSE ASSEMBLY,24" .....     | 1           |
| 6           | 30820GT         | HOSE ASSEMBLY,526" .....    | 1           |
| 7           | 30819GT         | HOSE ASSEMBLY,534" .....    | 1           |
| 8           | 45705GT         | TEE,BRANCH,070429-6-6 ..... | 2           |
| 9           | 45412GT         | CONNECTOR,070120-6-6 .....  | 10          |
| 10          | 30853GT         | HOSE ASSEMBLY,100" .....    | 1           |
| 11          | 30852GT         | HOSE ASSEMBLY,90.5" .....   | 1           |
| 12          | 30821GT         | HOSE ASSEMBLY,567" .....    | 2           |
| 13          | 45878GT         | ELBOW,070321-6-6 .....      | 2           |
| 14          | 30851GT         | HOSE ASSEMBLY,137" .....    | 2           |
| 15          | 45367GT         | ELBOW,070221-6-6 .....      | 2           |
| 16          | 30856GT         | HOSE ASSEMBLY,108" .....    | 2           |
| 17          | 32156GT         | CONNECTOR,070122-8-8 .....  | 2           |
| 18          | 45412GT         | CONNECTOR,070120-6-6 .....  | 2           |
| 19          | 45703GT         | CONNECTOR,070120-8-8 .....  | 2           |

701.1 Platform configuration



(1) Side Swing Gate Platform

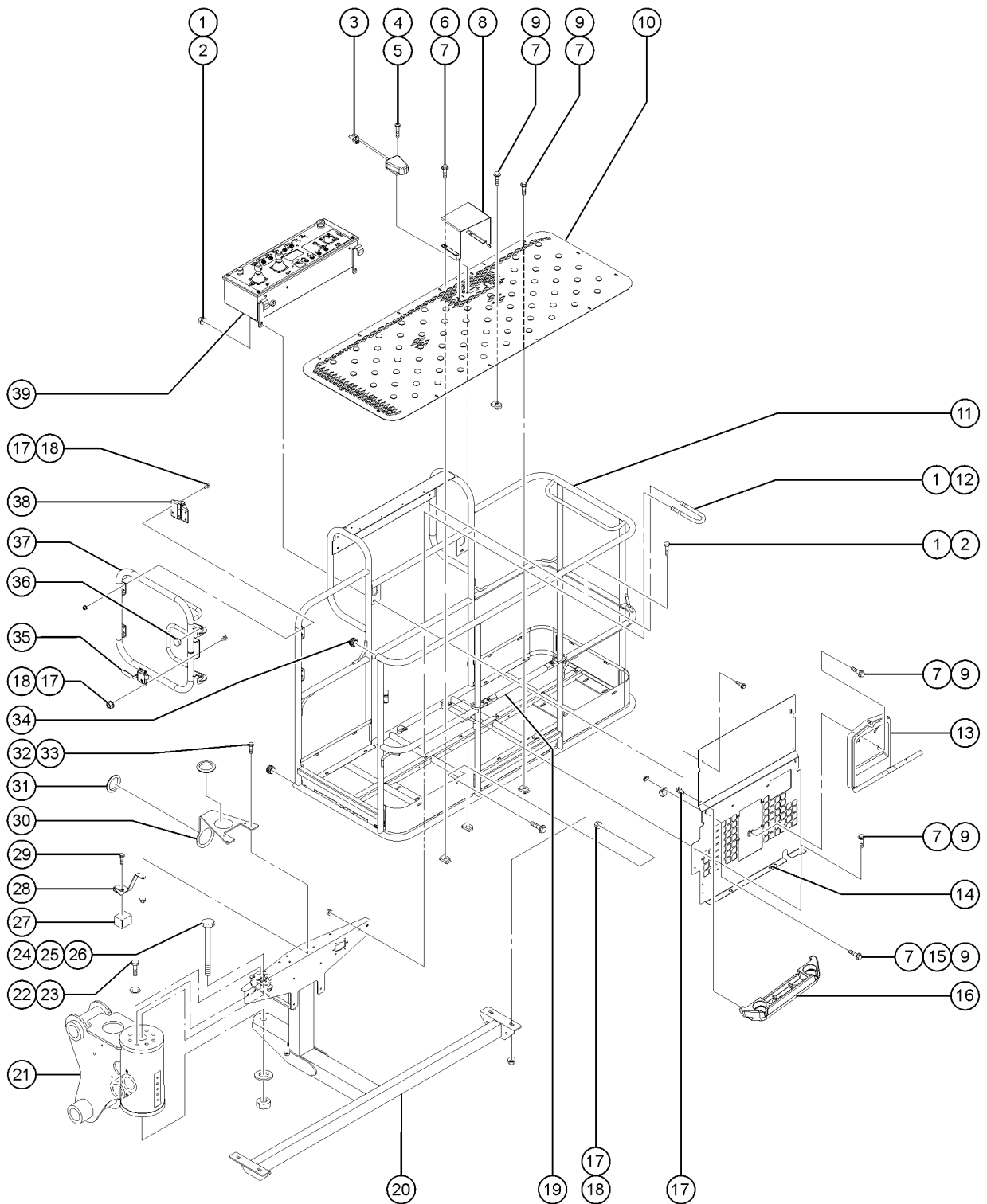


(2) Front Single Entry Platform

## 701.1 Platform configuration

| Item | Part No.  | Description                                                                                        | Qty. |
|------|-----------|----------------------------------------------------------------------------------------------------|------|
| -    |           | Complete Platform Assemblies with Decals .....                                                     |      |
| A    | 1286759GT | PLAT ASSY,6',S40/60/80,SERV-1 .....                                                                |      |
|      |           | W/Side swing gate                                                                                  |      |
| B    | 1286760GT | PLAT ASSY,8',S40/60/80,SERV-1 .....                                                                |      |
|      |           | W/Side swing gate                                                                                  |      |
| -    |           | Complete Platform Assemblies & Platform Weldments without Decals (refer to section 100 for Decals) |      |
| 1A   | 1272304GT | ASSY,8FT PLAT TRI LG,BLANK .....                                                                   |      |
|      |           | front and side entry                                                                               |      |
| -    | 1274859GT | ASSY,8' PLAT WELDMENT W/SIDE .....                                                                 |      |
|      |           | Flooring & decal plate not included                                                                |      |
| 1B   | 1272303GT | ASSY,6FT PLAT DUAL LG,BLANK .....                                                                  |      |
|      |           | front and side entry                                                                               |      |
| 2    | 160809GT  | ASSY,6FT PLATFORM,NO DECALS .....                                                                  |      |
|      |           | Single entry                                                                                       |      |
| -    | 73900GT   | WELDMNT,6 FT PLATFORM .....                                                                        |      |
|      |           | Flooring & decal plate not included                                                                |      |

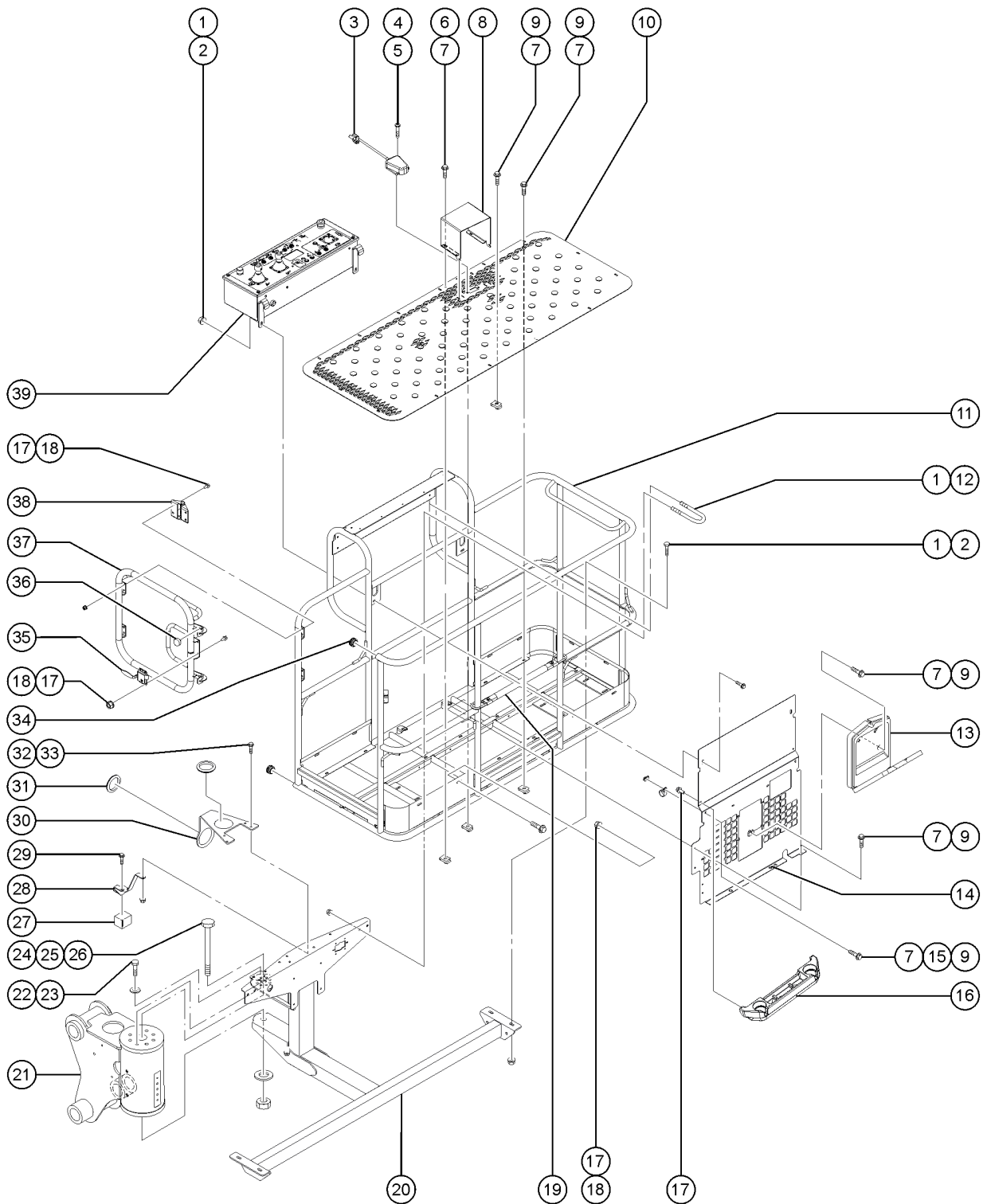
701.2 Platform Components



## 701.2 Platform Components

| Item | Part No.  | Description                                                                    | Qty. |
|------|-----------|--------------------------------------------------------------------------------|------|
| 1    | 824029GT  | NUT, TL FLG, 3/8-16, G, ZAG .....                                              | 10   |
| 2    | 824091GT  | SCREW, HHF, 3/8-16 X 1.25, 8, ZAG .....                                        | 6    |
| 3    | 227617GT  | ASSEMBLY, FOOT SWITCH .....                                                    | 1    |
| 3-   | 119058GT  | CONN PLUG 4 WAY ENDCAP DT .....                                                |      |
| 3-   | 1257248GT | SCREW, SHC, M4-0.7X8, DIN912, .....                                            |      |
| 3-   | 1257249GT | WASHER, LOCK, M4, SS .....                                                     |      |
| 3-   | 227564GT  | FOOT SWITCH, 20A IP65 .....                                                    |      |
| 3-   | 33576GT   | CONN, SQZ, 1/2NPT., 170-.450 .....                                             |      |
| 4    | 1256460GT | SCREW, PHPM, 10-24X1, ZAG .....                                                | 2    |
| 5    | 73575GT   | SPRING CLIP, 10-24, .025-.125X.468, ZAG .....                                  | 2    |
| 6    | 824079GT  | SCREW, HHF, 1/4-20X1, 8, ZAG .....                                             | 2    |
| 7    | 56912GT   | SPRING CLIP, 1/4-20, .025-.15X.54, ZAG .....                                   | 23   |
| 8    | 147121GT  | COVER, FOOT SWITCH, LARGE<br>(decals not included, refer to section 100) ..... | 1    |
| 9    | 824078GT  | SCREW, HHF, 1/4-20X.75, 8, ZAG .....                                           | 23   |
| 10   | 1267746GT | FLOORING, 72X30 PLATFORM<br>6ft Platform (with side swing gate) .....          | 1    |
| 10B  | 73477GT   | FLOORING, 6 FT PLATFORM<br>6 ft Platform (with single entry) .....             | 1    |
| 10C  | 73478PGT  | FLOORING, 8 FT PLATFORM***<br>all 8 ft Platform .....                          | 1    |
| 11   |           | Ref. Platform Weldment .....                                                   |      |
|      |           | (refer to 601.1)                                                               |      |
| 12   | 1251600GT | U-BOLT, FLATTENED, 1.5DIA. X 3/8 UNC, ZAG .....                                | 2    |
|      |           | (single entry)                                                                 |      |
| 13   | 44743GT   | MANUAL BOX W/DECALS*** .....                                                   | 1    |
|      |           | USA/Canada/Australia                                                           |      |
| 13B  | 24514GT   | BOX, INSTRUCTION STORAGE** .....                                               |      |
|      |           | Europe/Asia/South America (decals required; refer to Section 100)              |      |
| 14   | 1275088GT | FORMING, ALUM, DECAL PLATE .....                                               | 1    |
| 14B  | 89337GT   | PLATFORM ASSY 8FT W/DECALS ANS .....                                           | 1    |
|      |           | (Painted, Steel)                                                               |      |
| 15   | 56424GT   | CLAMP, 1.25X.5 RUBBER-CUSHION .....                                            | 2    |
| 16   | 1289552GT | KIT, PLATFORM WORK TRAY .....                                                  | 1    |
| 17   | 1256855GT | SCREW, HHF, 1/4-20X.625, 8, ZAG .....                                          | 14   |
| 18   | 824027GT  | NUT, TL FLG, 1/4-20, G, ZAG .....                                              | 14   |
| 19   | 102992GT  | SLIDING MIDRAIL KIT, PTD .....                                                 | 1    |

701.2 Platform Components

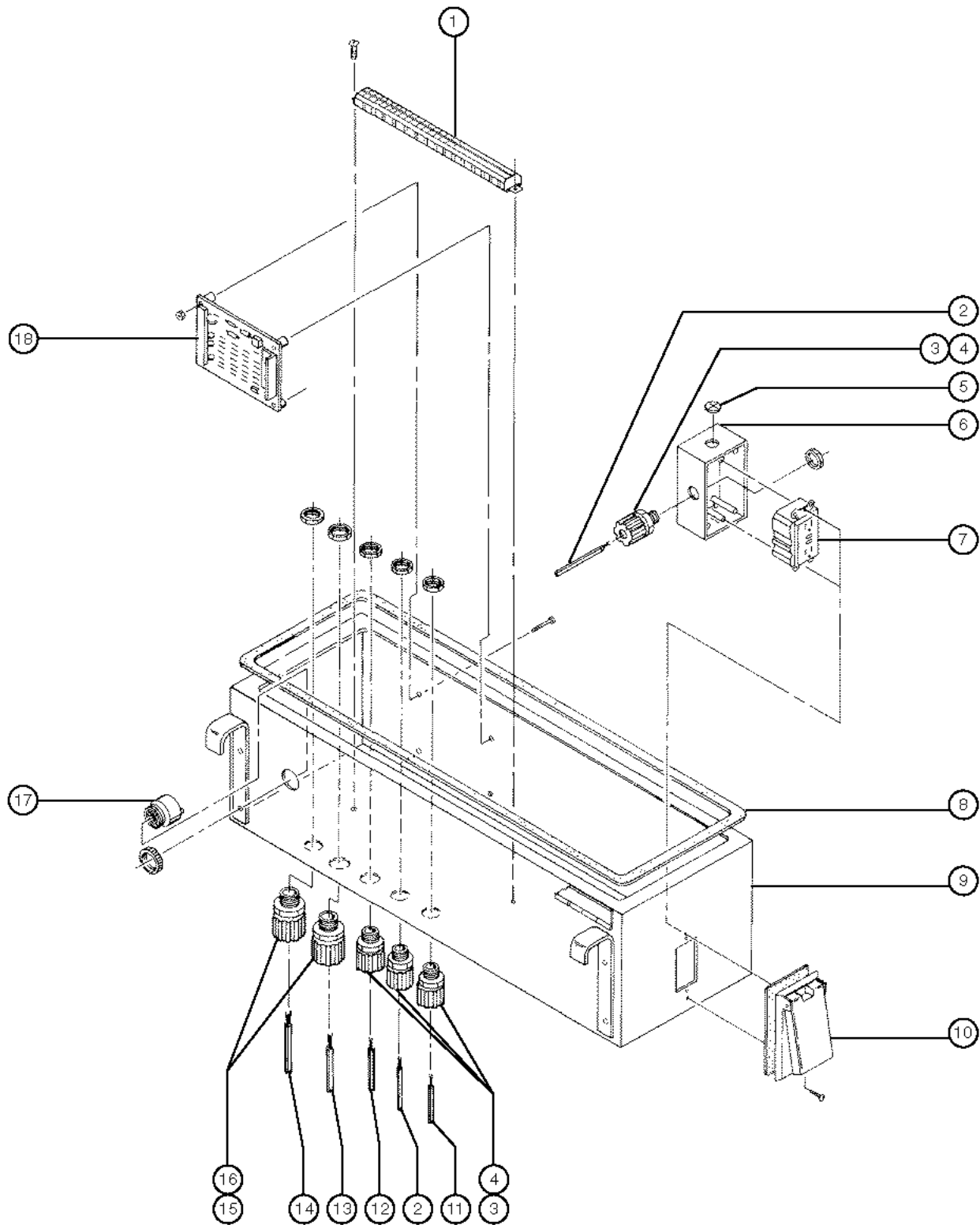




## 701.2 Platform Components

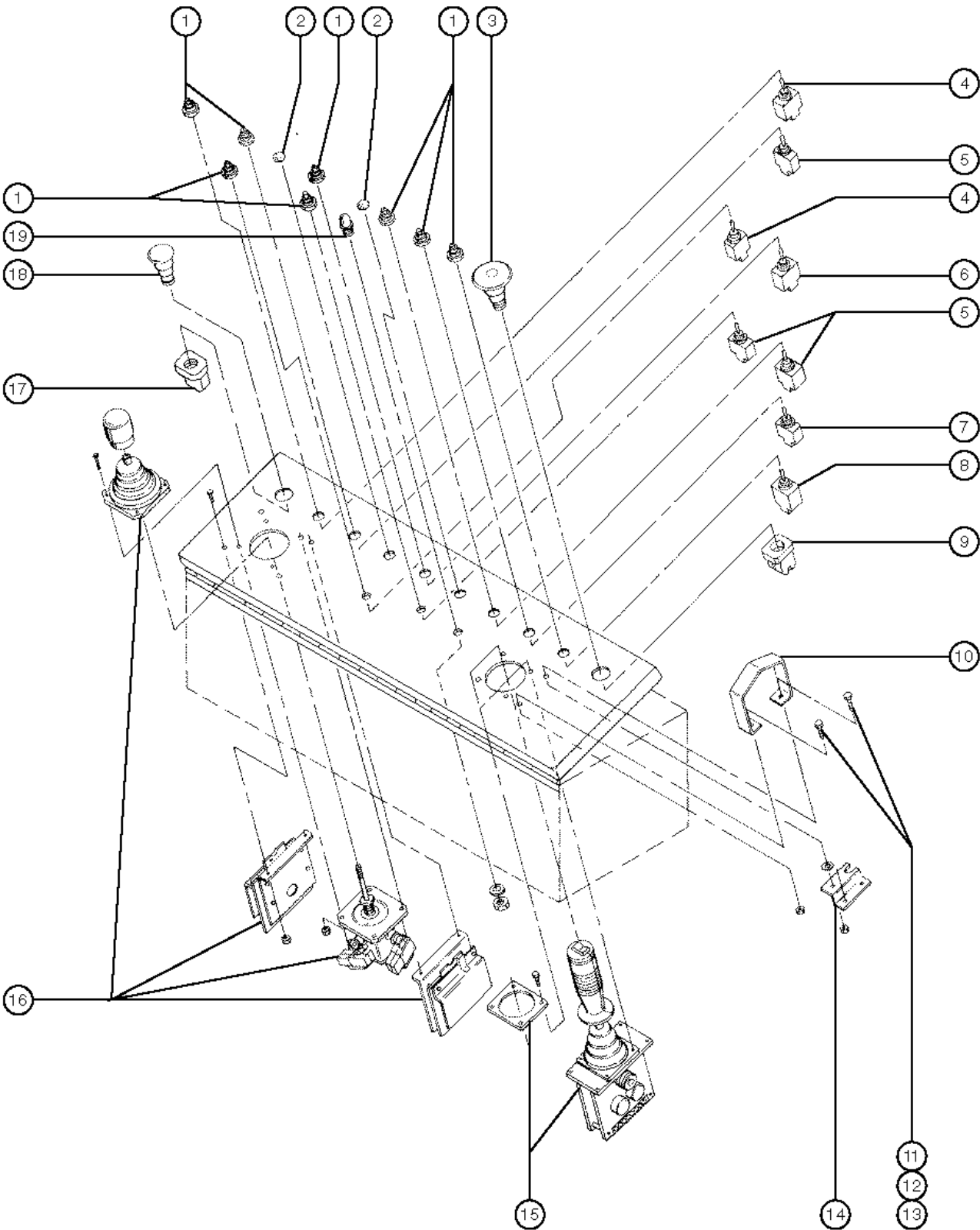
| Item | Part No.  | Description                           | Qty. |
|------|-----------|---------------------------------------|------|
| 19-  | 102992GT  | SLIDING MIDRAIL KIT,PTD .....         |      |
| 20   | 60370-SGT | PLATFORM SUPPORT WELDMNT-SERV* .....  | 1    |
| 20B  |           | Ref. PLAT LOAD SENSE S60** .....      | 1    |
|      |           | (refer to 810.1)                      |      |
| 21   |           | Ref. ROTATOR,PLAT JIB .....           |      |
|      |           | (refer to 507.1)                      |      |
| 22   | 826791GT  | SCREW,HHC,3/8-16X.875,8,ZAG .....     | 8    |
| 23   | 826793GT  | WASHER,FLAT,3/8,SAE,HRD,ZAG .....     | 8    |
| 24   | 826792GT  | SCREW,HHC,1-8X11,5,ZAG .....          |      |
| 25   | 824116GT  | WASHER,FLAT,1.0,F436,HRD,ZAG .....    |      |
|      |           | to SN Z62H-3664                       |      |
| 26   | 826794GT  | NUT,TL,1-8,C,ZAGRING .....            |      |
|      |           | to SN Z62H-3664                       |      |
| 26B  | 824031GT  | NUT,TL FLG,1-8,G,ZAG .....            |      |
|      |           | from SN Z62H-3665                     |      |
| 27   |           | Ref. PLATE,JIB,ROTATE MANIFOLD .....  |      |
|      |           | (refer to 705.1)                      |      |
| 28   | 110671GT  | PLATE,JIB,ROTATE MANIFOLD .....       | 1    |
| 29   | 824077GT  | SCREW, HHF, 1/4-20 X .5, 8, ZAG ..... | 2    |
| 30   | 106163GT  | FORMING,CABLE GUIDE .....             | 1    |
|      |           | order 55067 grommet separately        |      |
| 31   | 55067GT   | GROMMET,RUBBER 3 X .19 X 3.5 .....    | 2    |
| 32   | 824028GT  | NUT, TL FLG, 5/16-18, G, ZAG .....    | 4    |
| 33   | 824086GT  | SCREW, HHF, 5/16-18 X 1, 8, ZAG ..... | 4    |
| 34   | 55753GT   | BUMPER, PLASTIC, 1.25 O.D. ....       | 2    |
| 35   | 1267747GT | LATCH, SWING GATE .....               | 1    |
| 36   | 43392GT   | BUMPER,BATTERY BOX & RAILS .....      | 2    |
| 37   | 1272307GT | ASSY,SIDE SWING GATE .....            | 1    |
| 38   | 104804GT  | HINGE, SPRING, LONG LEG .....         | 2    |
| 39   |           | Ref. PLATFORM CONTROL BOX .....       |      |
|      |           | (refer to 603.1)                      |      |

702.1 Platform Controls - View 1



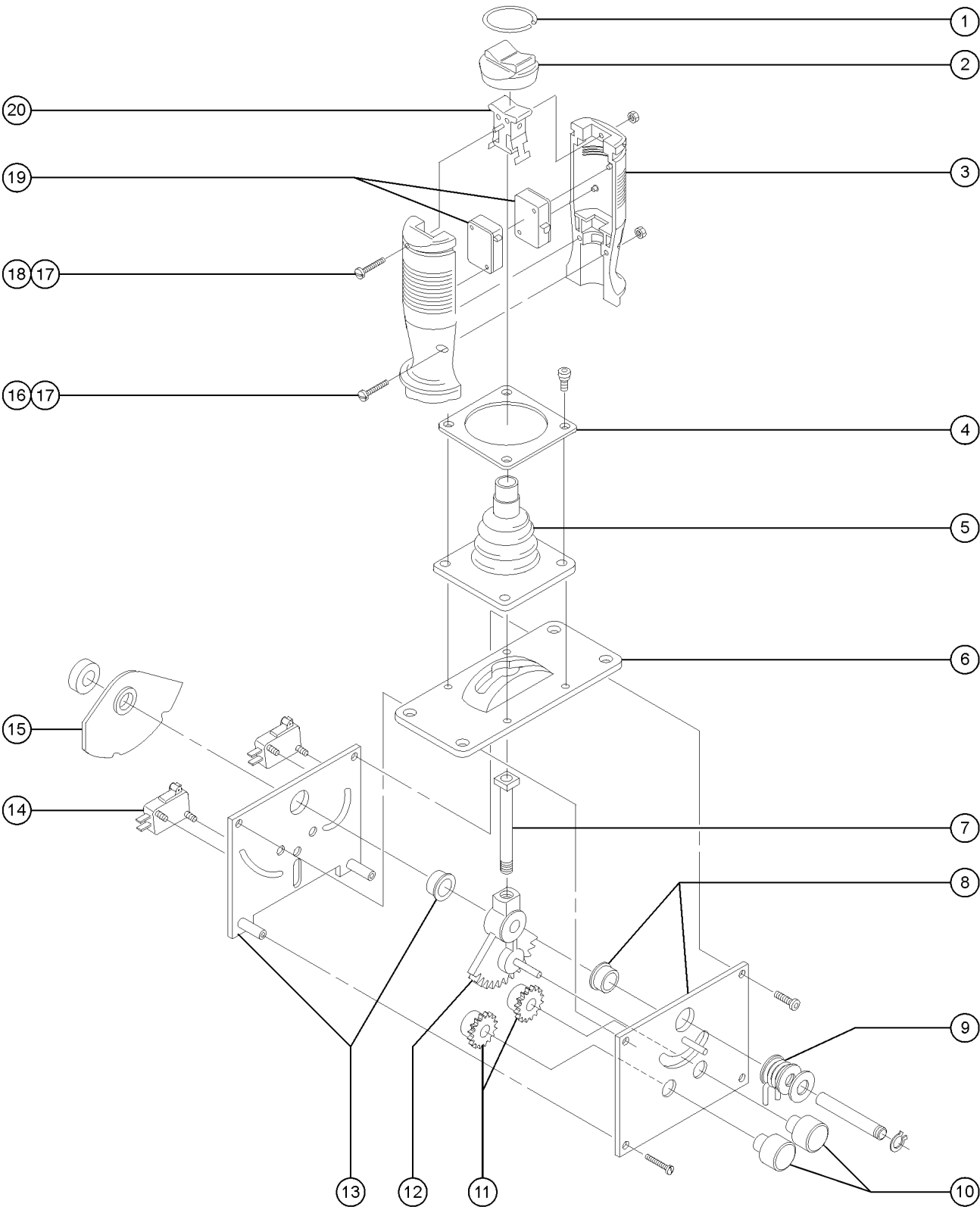
| Item | Part No. | Description                                                                              | Qty.                  |
|------|----------|------------------------------------------------------------------------------------------|-----------------------|
| 1    | 32637GT  | TERMINAL BLOCK,WAGO .....<br>single terminal block                                       |                       |
| 1    | 25836GT  | TERMINAL BLOCK(SINGLE),WAGO*** .....<br>single terminal block                            | 48                    |
| 1-   | 32638GT  | TERMINAL BLOCK,WAGO .....<br>this is a set of two terminal blocks                        |                       |
| 1-   | 32639GT  | END PLATE,WAGO .....                                                                     |                       |
| 2    | 43956GT  | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....                                                  | 720<br>in<br>ch<br>es |
| 3    | 7056GT   | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....                                                    | 4                     |
| 4    | 6935GT   | CONN, SQZ, 1/2NPT, LOCKNUT .....                                                         | 4                     |
| 5    | 8843GT   | COVER,KNOCK OUT HOLE,4 PER BAG .....                                                     | 3                     |
| 6    | 10775GT  | T-BOX, 2.75 X 4.5 X 2.0** .....<br>includes index number 5                               | 1                     |
| 7    | 13585GT  | OUTLET, 110V .....                                                                       | 1                     |
| 7    | 19975GT  | RECEPTACLE - BRITISH, 110V .....                                                         | 1                     |
| 8    | 27115GT  | GASKET,UPPER CONTROL BOX .....                                                           | 1                     |
| 9    | 32660GT  | CONTROL BOX W/DECAL,PLAT. ....<br>includes index number 8                                | 1                     |
| 10   | 45437GT  | COVER,GFCI,WEATHERPROOF .....<br>includes mounting fasteners                             | 1                     |
| 11   | 32708GT  | HARNESS ASSY, FOOTSWITCH .....                                                           | 1                     |
| 12   | 30794GT  | WIRE,12/3 SJEOW,BK-WH-GR/YL .....                                                        | 720<br>in<br>ch<br>es |
| 13   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....                                                        | 720<br>in<br>ch<br>es |
| 14   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....                                                        | 720<br>in<br>ch<br>es |
| 15   | 12960GT  | CABLE SQUEEZE CONN.,XTRA LRG .....                                                       | 2                     |
| 16   | 14041GT  | LOCKNUT,ELECTRIC,3/4" .....                                                              | 2                     |
| 17   | 45383GT  | ALARM,WARBLE TONE 5-30 VDC*** .....<br>Does not include 72326 nut                        | 1                     |
| 17-  | 72326GT  | NUT - PLASTIC, RING FOR ALARMS .....                                                     | 1                     |
| 18   |          | LIMITER PC BOARD, HORSEPOWER .....<br>(includes mounting fasteners), no longer available | 1                     |
| 18-  | 39591GT  | SPACER,NYLON,.375 .....<br>sold separately                                               |                       |

703.1 Platform Controls - View 2



| Item | Part No. | Description                                                         | Qty. |
|------|----------|---------------------------------------------------------------------|------|
|      | 56445GT  | DIODE,6 AMP 200 PIV,REEL .....                                      |      |
| 1    | 27246GT  | BOOT,TOGGLE SWITCH,SHORT* .....                                     | 7    |
| 2    | 229567GT | PLUG,SANTOPRENE .5 BLACK DOME .....                                 | 2    |
| 3    | 66812GT  | BUTTON,PUSH,RED MUSHROOM HEAD .....                                 | 1    |
| 3-   | 146478GT | BOOT(BELLOWS),E-STOP,BLACK .....                                    |      |
| 4    | 128202GT | SWITCH TOGGLE ASSY DPDT 3P MOM<br>includes mounting fasteners ..... | 2    |
| 5    | 128200GT | SWITCH TOGGLE ASSY SPDT 3P MOM<br>includes mounting fasteners ..... | 3    |
| 6    | 128201GT | SWITCH TOGGLE ASSY DPDT 2P MOM<br>includes mounting fasteners ..... | 1    |
| 7    | 128206GT | SWITCH TOGGLE ASSY DPDT 3P MNT<br>includes mounting fasteners ..... | 1    |
| 8    | 128205GT | SWITCH TOGGLE ASSY DPDT 2P MNT<br>includes mounting fasteners ..... | 1    |
| 9    | 122514GT | KIT,ESTOP SVC BB&SM BOOM<br>includes item 3 .....                   | 1    |
| 9-   | 66818GT  | CONTACT,NC .....                                                    | 1    |
| 9-   | 66821GT  | BASE,WITHOUT CONTACTS .....                                         |      |
| 10   | 27033PGT | SUPPORT,WRIST,PAINTED-BLUE .....                                    | 1    |
| 11   | 6091GT   | NUT, NYLOCK, 1/4-20 .....                                           | 2    |
| 12   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                      | 2    |
| 13   | 8914GT   | SCREW, HHC, 1/4-20 X .625 .....                                     | 2    |
| 14   | 54525GT  | BRACKET-PANEL-WIRE MOUNTING 99 .....                                | 1    |
| 15   |          | Ref., JOYSTICK CONTROLLER,12V<br>refer to 704.1 .....               | 1    |
| 16   |          | Ref., JOYSTICK,MULT AXIS CONT,OEM***<br>refer to 705.1 .....        | 1    |
| 17   | 122513GT | KIT,HORN SVC BB&SM BOOM<br>includes item 18 .....                   | 1    |
| 17-  | 66815GT  | BASE, W/1 N.O. CONTACTS*** .....                                    | 1    |
| 18   | 66813GT  | BUTTON,PUSH,BLACK W/SEAL*** .....                                   | 1    |
| 19   | 824879GT | LIGHT,LED IND. RED 12V NH .....                                     | 1    |

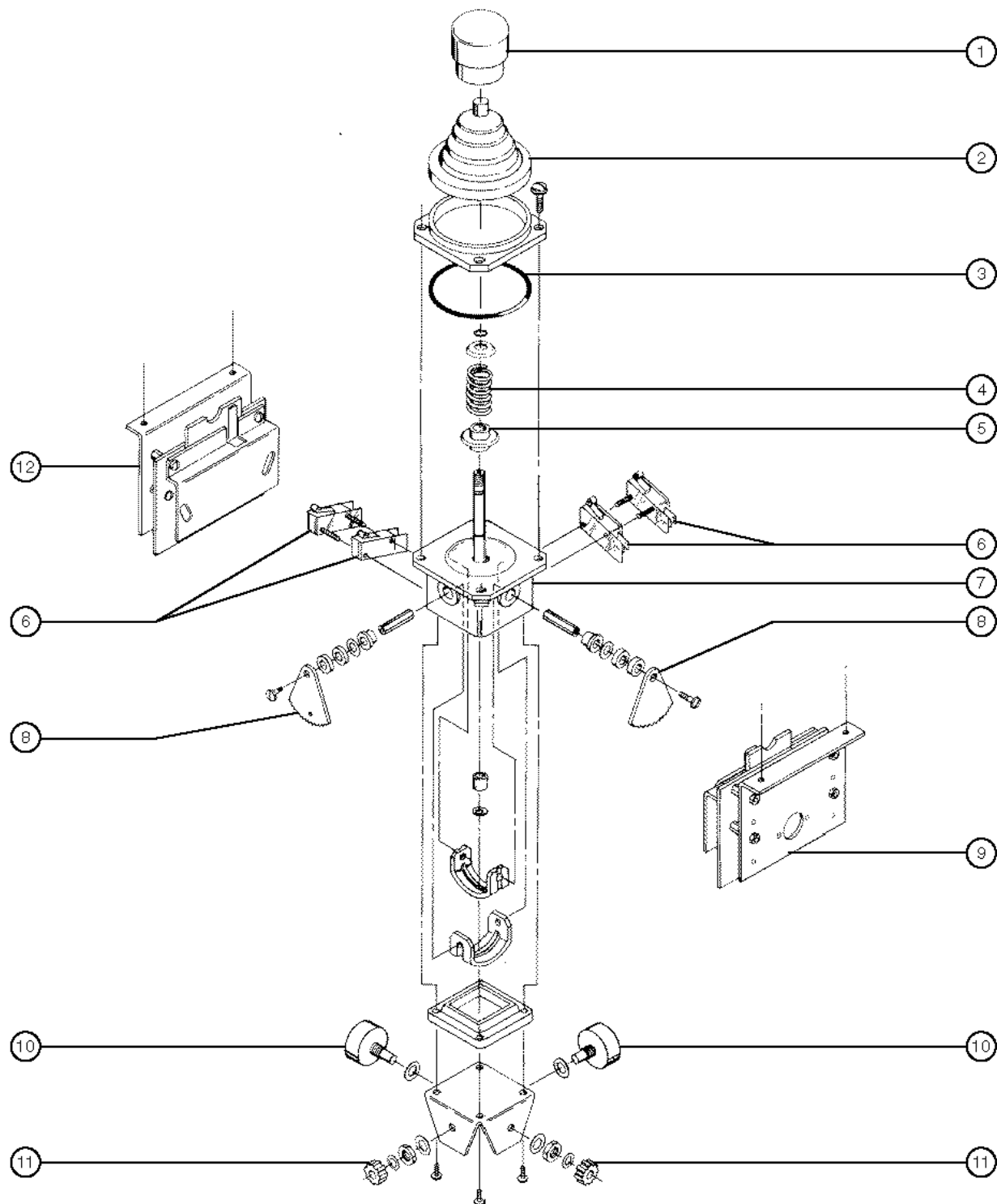
704.1 Joystick Controller - Drive / Steer Functions



## 704.1 Joystick Controller - Drive / Steer Functions

| Item | Part No. | Description                                                               | Qty. |
|------|----------|---------------------------------------------------------------------------|------|
|      | 20424GT  | JOYSTICK CONTROLLER,12V<br>OEM joystick, contains all shown service parts |      |
|      | 20424HGT | JOYSTICK CONTROLLER,12V<br>aftermarket joystick replacement               |      |
| 1    | 25882GT  | LOCK RING                                                                 | 1    |
| 2    | 25881GT  | BOOT,THUMB 20424 JOYSTICK                                                 | 1    |
| 3    | 25883GT  | HANDLE HALF,JOYSTICK (20424)                                              | 2    |
| 3-   | 72245GT  | KIT, JOYSTICK HANDLE<br>includes handles, rocker and nut/bolt kit         |      |
| 3-   | 49887GT  | NUT & BOLT KIT (25883)                                                    | 1    |
| 4    | 44221GT  | COLLAR, BOOT RETAINING                                                    | 1    |
| 5    | 22368GT  | BOOT (20424)                                                              | 1    |
| 6    | 25884GT  | COVER CASTING,20424 CONTROLLER                                            | 1    |
| 7    | 44211GT  | SHAFT,W/NF STYL BLOCK,(20424)*                                            | 1    |
| 8    | 65535GT  | POT PLATE ASSEMBLY (20424)<br>includes bearing and terminal strip         | 1    |
| 8    | 52778GT  | BEARING,FLANGED,.376ID (20424)                                            | 2    |
| 9    | 58209GT  | SPRING,RETURN***                                                          | 1    |
| 10   | 22364GT  | POTENTIOMETER (20424)                                                     | 2    |
| 11   | 22367GT  | SPUR GEAR (20424)                                                         | 2    |
| 12   | 44212GT  | GEAR CASTING,20424 CONTROLLER*                                            | 1    |
| 13   | 65536GT  | SWITCH PLATE ASSEMBLY(20424)<br>includes bearing and stand-offs           | 2    |
| 13-  | 52778GT  | BEARING,FLANGED,.376ID (20424)                                            |      |
| 14   | 22365GT  | SWITCH (20424)                                                            | 2    |
| 15   | 22366GT  | CAM ASSY (20424)                                                          | 1    |
| 16   | 52776GT  | SCREW,HEX,M4X0.7X10MM (20424)*                                            | 2    |
| 17   | 52777GT  | NUT,HEX,M4 X 0.7 MM (20424)***                                            | 3    |
| 18   | 52775GT  | SCREW,HEX,M4X0.7X30MM (20424)*                                            | 1    |
| 19   | 23680GT  | SWITCH,HANDLE,20424                                                       | 2    |
| 20   | 23688GT  | ROCKER ASSY,HANDLE (20424)***                                             | 1    |

705.1 Joystick Controller - Boom Functions

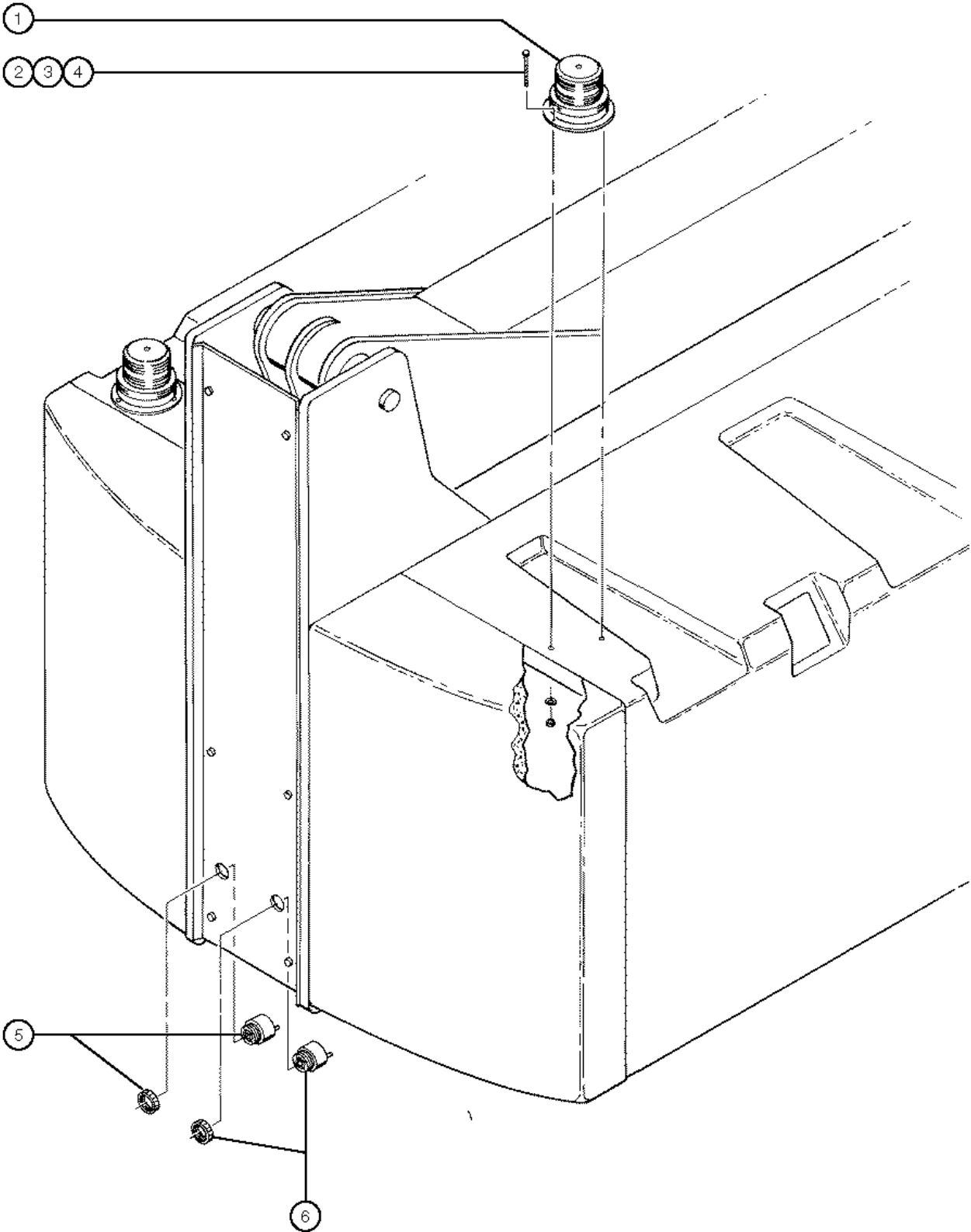




## 705.1 Joystick Controller - Boom Functions

| Item | Part No. | Description                                                                      | Qty. |
|------|----------|----------------------------------------------------------------------------------|------|
|      | 53073GT  | JOYSTICK,MULT AXIS CONT,OEM***<br>OEM joystick, contains all shown service parts |      |
|      | 53073HGT | JOYSTICK,MULT AXIS CONT<br>aftermarket joystick replacement                      |      |
|      | 72278GT  | JOYSTICK,MULT AXIS,W/O PCB<br>joystick only without pc boards                    |      |
| 1    | 27133GT  | HANDLE,CAP,CONTROLLER                                                            | 1    |
| 2    | 27134GT  | BOOT,CONTROLLER                                                                  | 1    |
| 3    | 31526GT  | O-RING,BOOT,CONTROLLER                                                           | 1    |
| 4    |          | SPRING,24493 CONTROLLER<br>no longer available                                   | 1    |
| 5    | 31283GT  | BUSHING,SPRING SEAT                                                              | 1    |
| 6    | 19712GT  | MICROSWITCH,V3L-139-D8                                                           | 4    |
| 7    | 31284GT  | SHAFT ASSY W/HOUSING                                                             | 1    |
| 8    | 27512GT  | JOYSTICK, DRIVE GEAR, (24493)                                                    | 2    |
| 8A   | 58477GT  | SHAFT (53073)***                                                                 | 2    |
| 9    | 52586GT  | PCB,11179AB, (SWING)***                                                          | 1    |
| 10   | 52591GT  | POTENTIOMETER-JOYSTCK(53073)                                                     | 2    |
| 11   | 27514GT  | GEAR, SLAVE, 24493                                                               | 2    |
| 12   | 52585GT  | PCB,11179CD,(LIFT)***                                                            | 1    |

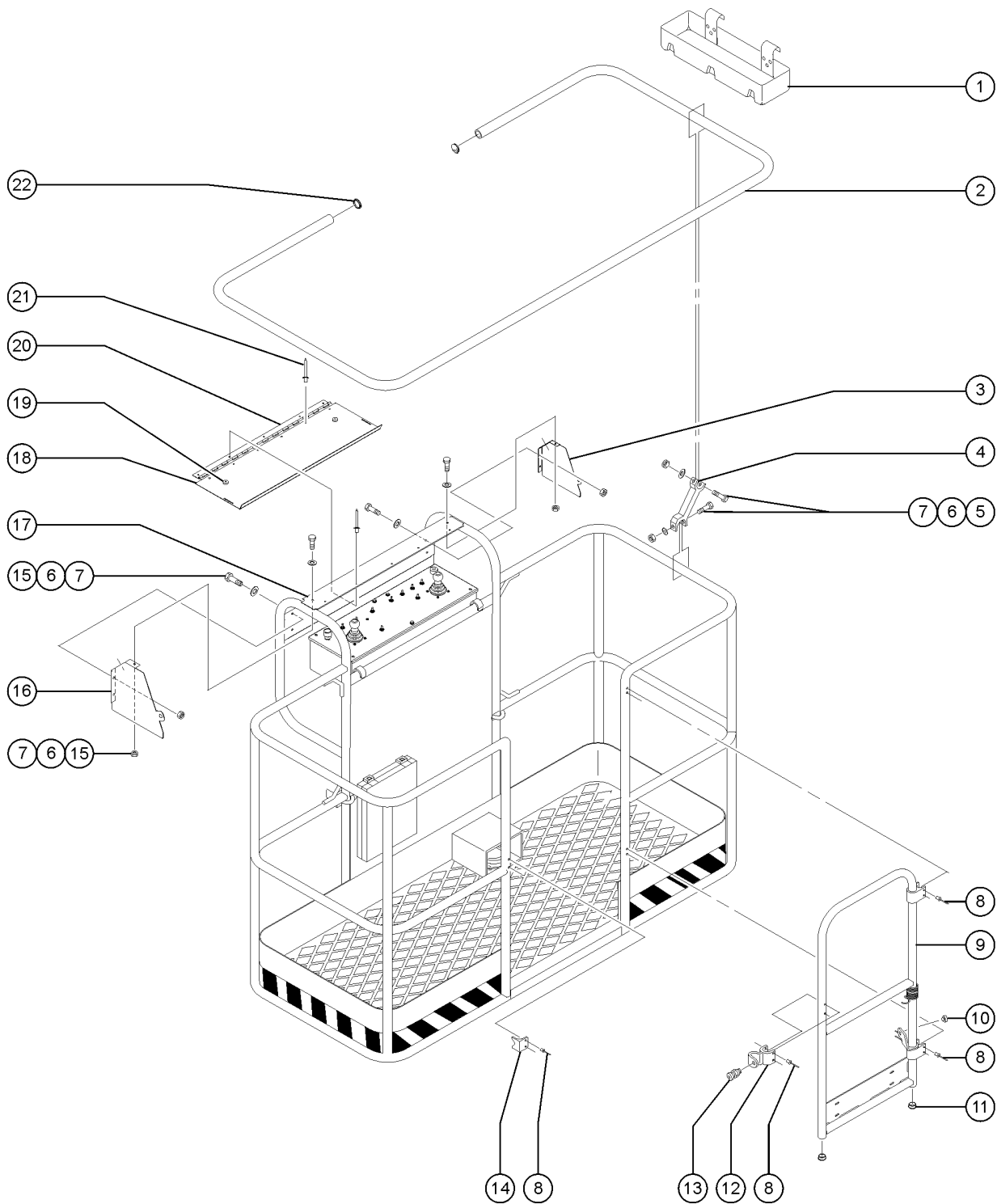
801.1 Alarm and Beacon Package



## 801.1 Alarm and Beacon Package

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 56704GT         | STROBE,FIREBOLT,12-80VDC,AMB** .....  | 2           |
| 1-          | 72282GT         | LENS,AMBER,STROBE,FIREBOLT .....      |             |
| 1-          | 122019GT        | FLASHTUBE,U SHAPED,360DEG,BULB .....  |             |
| 1-          | 226393GT        | FLASHTUBE,STRAIGHT,360DEG,BULB .....  |             |
| 2           | 6066GT          | SCREW,RHM,10-32 X .38 .....           | 6           |
| 3           | 6146GT          | WASHER,FLAT,MS,#10,Y .....            | 6           |
| 4           | 6178GT          | NUT, NYLOCK, 10-32 .....              | 6           |
| 5           | 45462GT         | ALARM,CHIME TONE 5-25VDC*** .....     | 1           |
|             |                 | Does not include 72326 nut            |             |
| 5-          | 72326GT         | NUT - PLASTIC, RING FOR ALARMS .....  | 1           |
| 6           | 18963GT         | ALARM, INTERMITTENT TONE 6-30V* ..... | 1           |
|             |                 | Does not include 72326 nut            |             |
| 6-          | 72326GT         | NUT - PLASTIC, RING FOR ALARMS .....  | 1           |

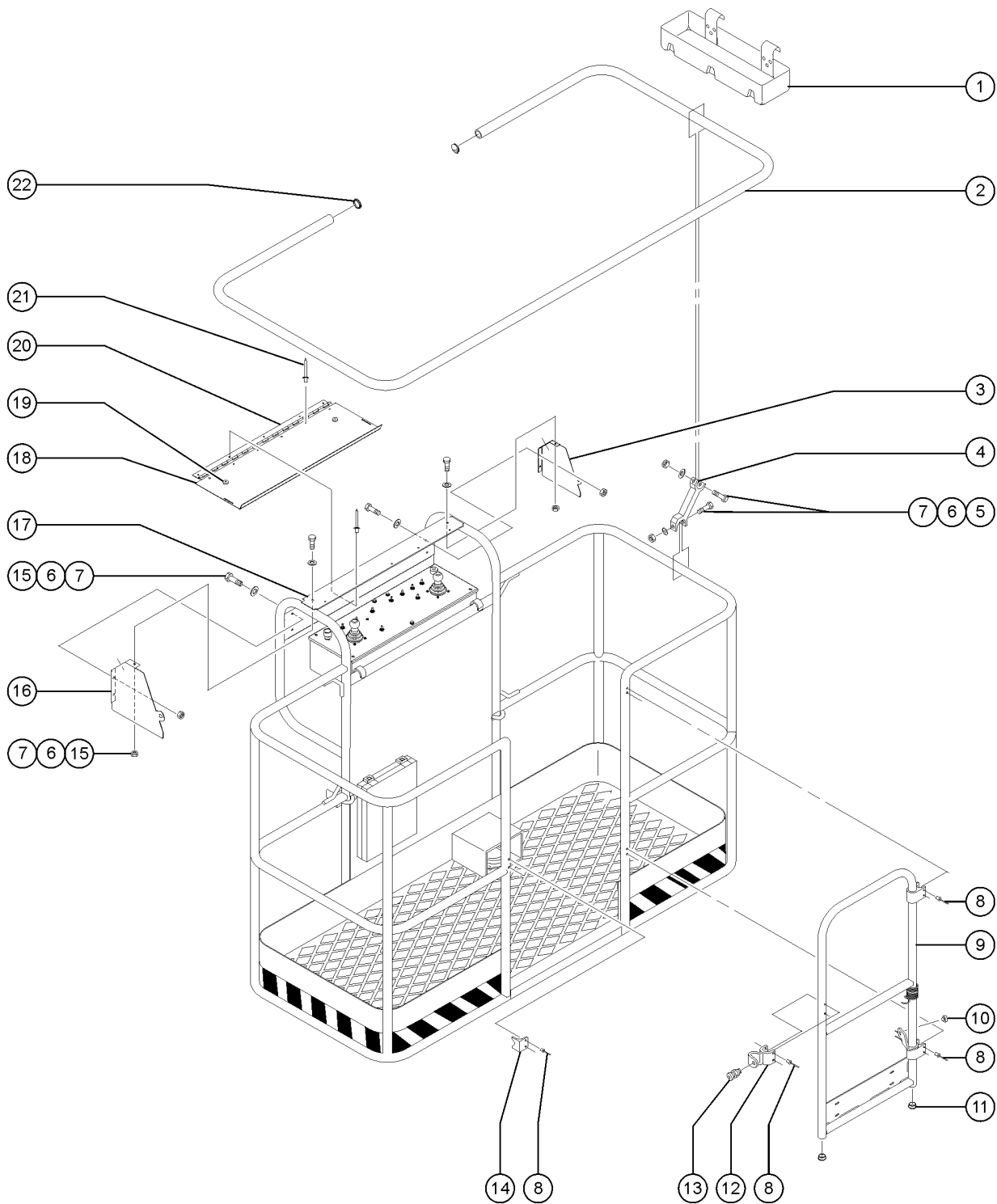
802.1 Platform Options



## 802.1 Platform Options

| Item | Part No.  | Description                                                                                                                                                              | Qty. |
|------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 9599-SGT  | TOOL TRAY ACCESSORY*** .....                                                                                                                                             | 1    |
| 2    | 1259704GT | PINCH GUARD RAIL,6' PLATFORM .....<br>includes 55753 bumpers                                                                                                             | 1    |
| 2B   | 52661GT   | PINCH GUARD RAIL,8' PLATFORM** .....                                                                                                                                     | 1    |
| 3    | 119797GT  | CONTROL BOX COVER, RIGHT SIDE* .....                                                                                                                                     |      |
| 4    | 28807GT   | SUPPORT,RAILING .....                                                                                                                                                    | 10   |
| 5    | 4266GT    | SCREW,HHC,1/4-20 X 2 .....                                                                                                                                               |      |
| 6    | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                                                                                                                           |      |
| 7    | 6889GT    | NUT,LP NYLOCK,1/4-20 .....                                                                                                                                               |      |
| 8    | 7265GT    | RIVET,STEEL,P, .25 X .375 .....                                                                                                                                          | 14   |
| 9    | 128368GT  | KIT,SWING GATE W/SPRING .....                                                                                                                                            | 1    |
| 9    | 1290135GT | KIT,HALF FRONT,SWING GATE .....                                                                                                                                          |      |
| 9A-  | 1488GT    | RAILING CATCH CASTING--DRILLED .....                                                                                                                                     |      |
| 9A-  | 1487GT    | GATE LATCH CASTING--DRILLED .....                                                                                                                                        |      |
| 9A-  | 33674GT   | PIN,LOCK,SHORT*** .....                                                                                                                                                  |      |
| 9A-  | 9596GT    | HINGE CASTING<br>Special welding requirements for installation of this component. Strongly suggest ordering<br>128368 OR contact Genie Service for welding requirements. |      |
| 10   | 43392GT   | BUMPER,BATTERY BOX & RAILS .....                                                                                                                                         | 1    |
| 11   | 31120GT   | PLUG,NYLON 1.187 BLACK DOMED .....                                                                                                                                       | 2    |
| 12   | 1487GT    | GATE LATCH CASTING--DRILLED .....                                                                                                                                        | 1    |
| 13   | 63311GT   | SNAP PIN .....                                                                                                                                                           | 1    |
| 14   | 1488GT    | RAILING CATCH CASTING--DRILLED .....                                                                                                                                     | 1    |
| 15   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                                                                                                                           |      |
| 16   | 119796GT  | CONTROL BOX COVER,LEFT SIDE** .....                                                                                                                                      |      |
| 17   | 119562PGT | GUARD,PLATFORM CNTRL PANEL PTD .....                                                                                                                                     |      |
| 17-  | 119642GT  | KIT,PLAT CONTROL PANEL GUARD**<br>includes part 119562P, required for first time installation                                                                            |      |
| 18   | 89915PGT  | COVER,CONTROL BOX LID .....                                                                                                                                              |      |
| 18-  | 119795GT  | KIT,CONTROL BOX COVER<br>includes part 89915P, index number 17 is required for first time installation                                                                   |      |
| 19   | 43392GT   | BUMPER,BATTERY BOX & RAILS .....                                                                                                                                         |      |
| 20   | 111526GT  | HINGE,PLAT CONTROL BOX COVER .....                                                                                                                                       |      |

802.1 Platform Options

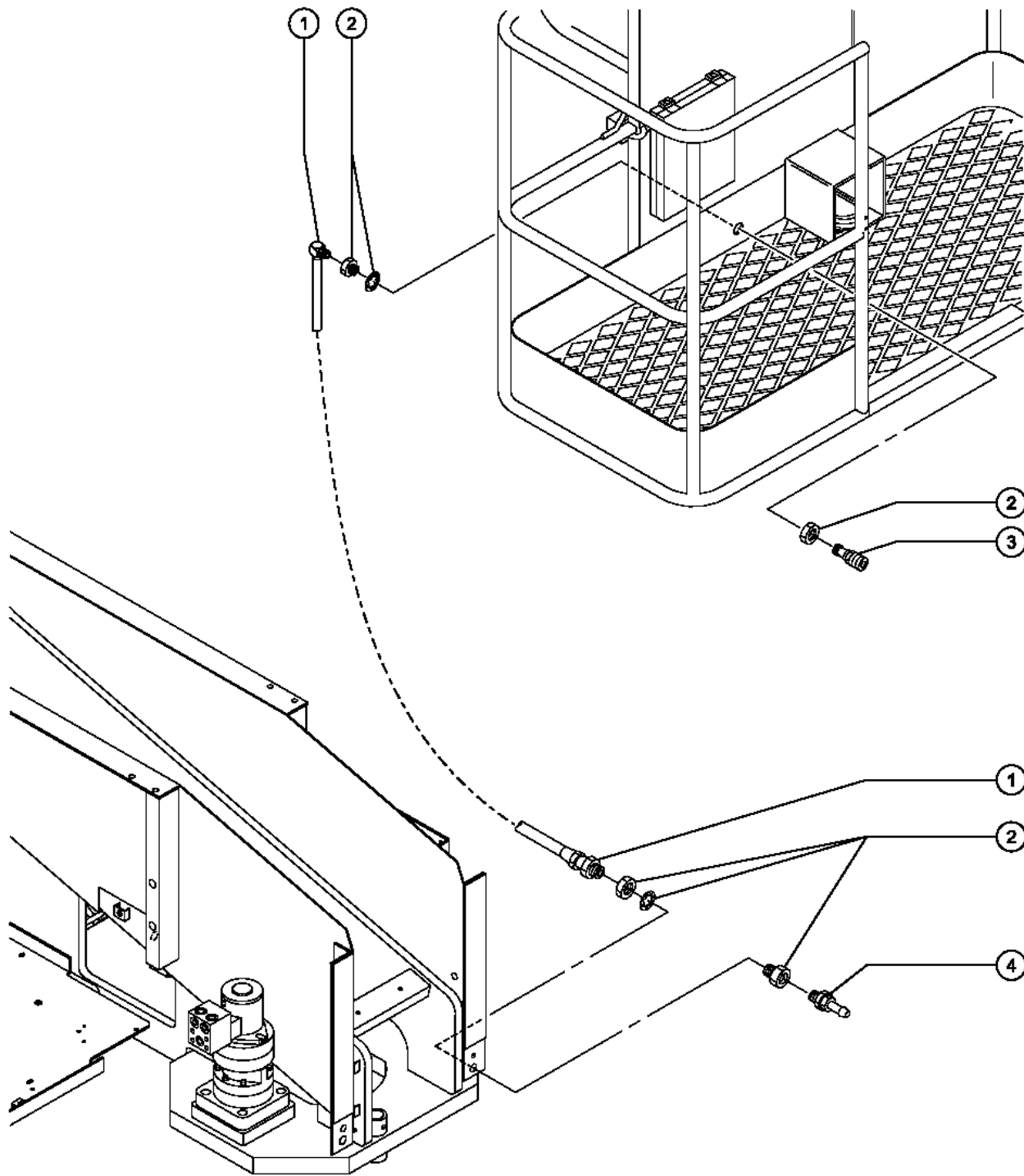


802.1 Platform Options

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 21   | 54486GT  | RIVET,ALUM,ALUM,3/16BUTTONHEAD ..... |      |
| 22   | 55753GT  | BUMPER, PLASTIC, 1.25 O.D. ....      | 2    |



803.1 Air Line to Platform



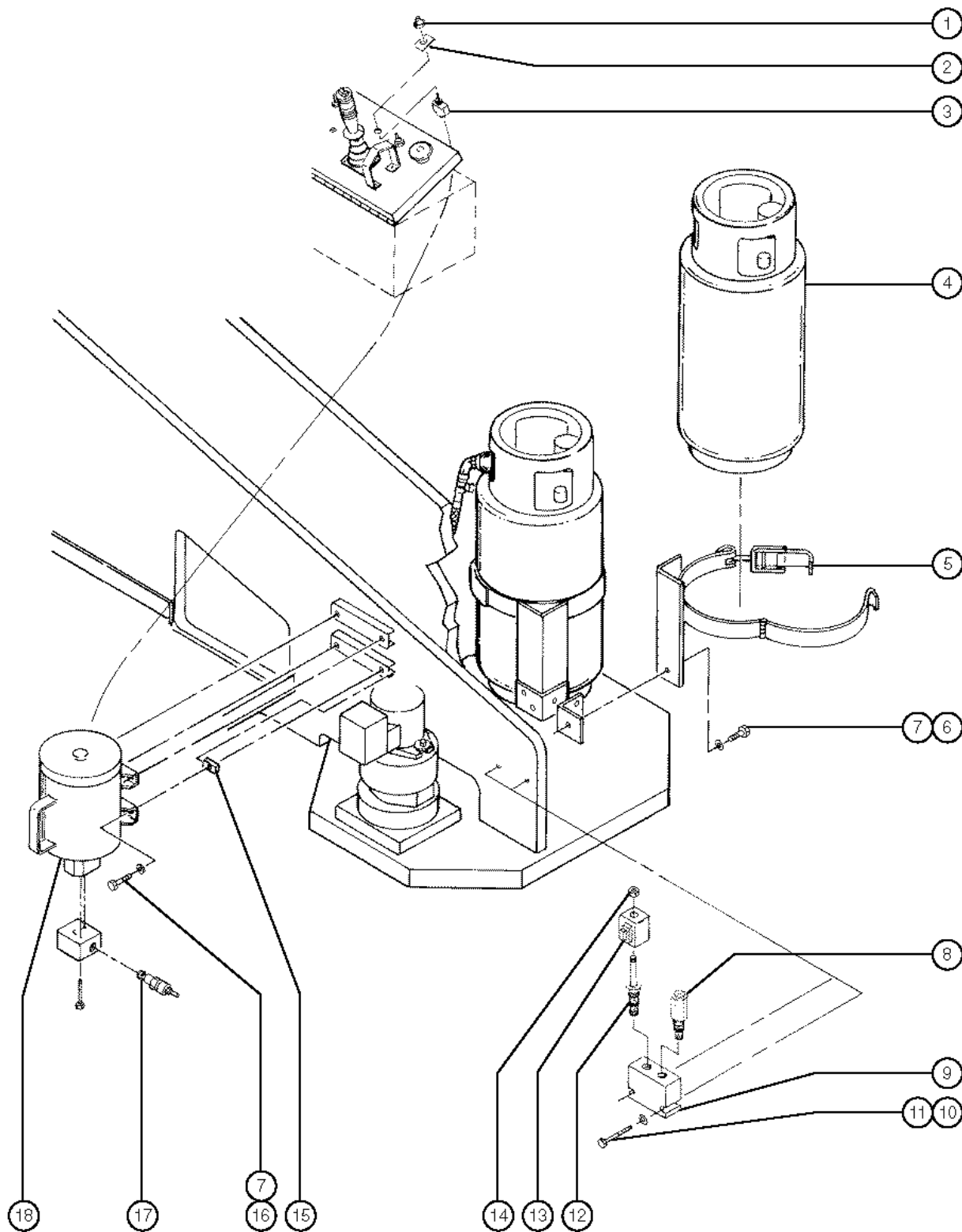


803.1 Air Line to Platform

| Item | Part No.      | Description                          | Qty. |
|------|---------------|--------------------------------------|------|
|      | 30620-SGT     | S40 AIRLINE TO PLATFORM .....        |      |
| 1    | 49177-71294GT | HOSE ASSEMBLY,1/2" .....             | 1    |
| 2    | 49212GT       | FEMALE BULKHEAD CONNECTOR-8 .....    | 2    |
| 3    | 49215GT       | MPT,CPLR,1/4"SER,3/8"X18 .....       | 1    |
| 4    | 49214GT       | MALE PIPE THD,1/4" SER,3/8"X18 ..... | 1    |



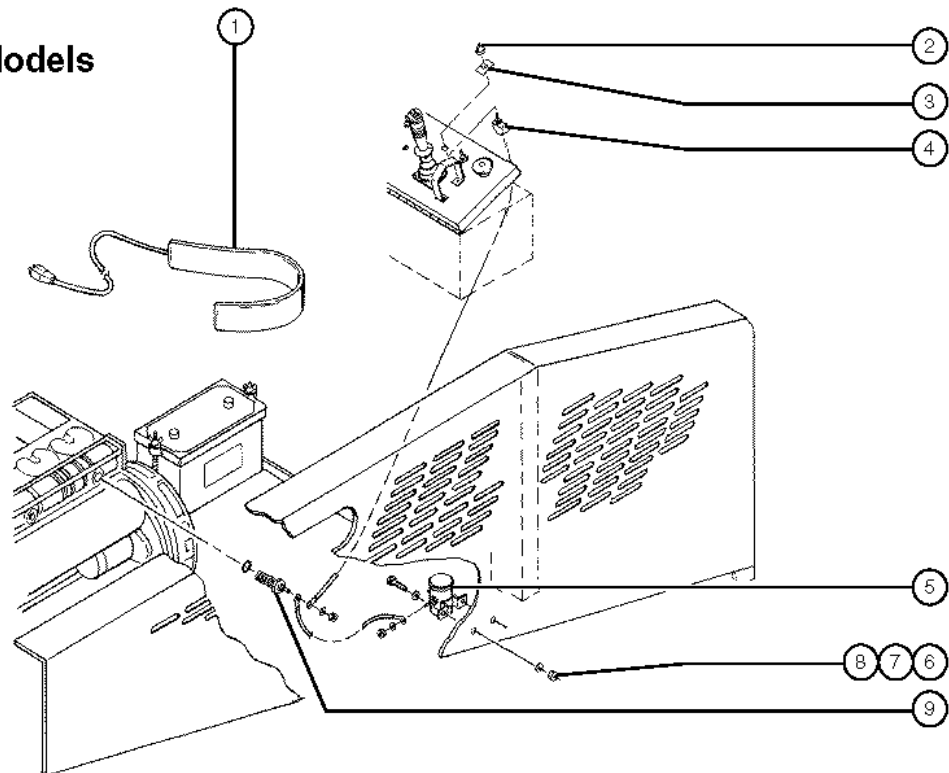
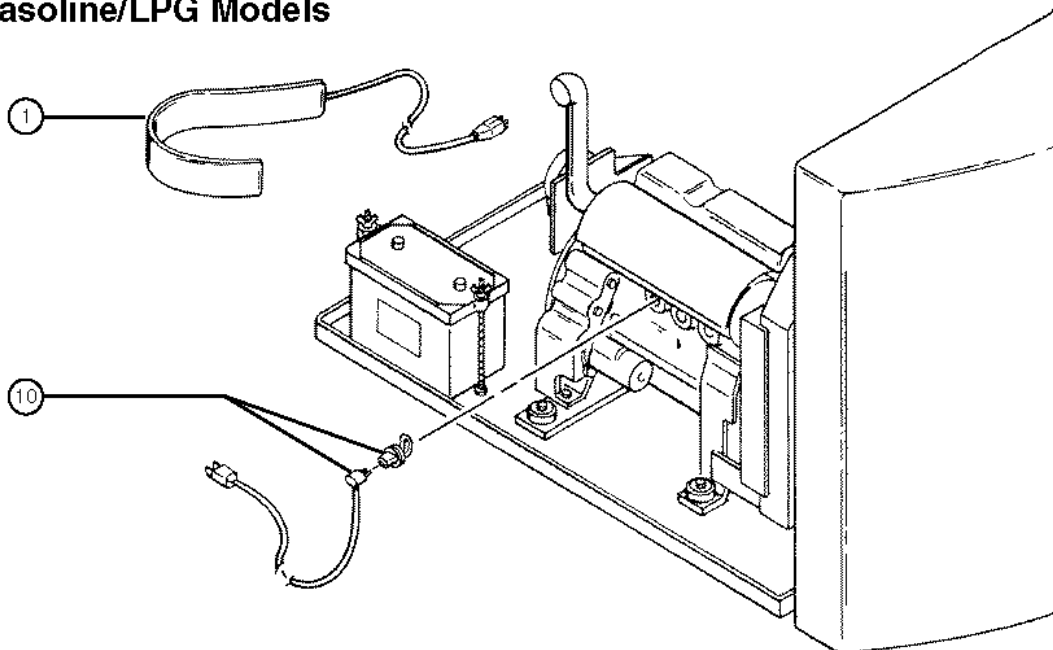
804.1 Generator and Spare LPG Tank



## 804.1 Generator and Spare LPG Tank

| Item | Part No. | Description                                                         | Qty. |
|------|----------|---------------------------------------------------------------------|------|
| 1    | 27246GT  | BOOT,TOGGLE SWITCH,SHORT* .....                                     | 1    |
| 2    | 133518GT | DECAL, PATCH, GEN,ALC-500 .....                                     | 1    |
| 3    | 128205GT | SWITCH TOGGLE ASSY DPDT 2P MNT<br>includes mounting fasteners ..... | 1    |
| 4    | 53605GT  | TANK, 7 GAL/33.5 POUND, LP .....                                    | 1    |
| 5    | 30712GT  | LP.TANK BRKT WLDMT.,SHORT .....                                     | 1    |
| 6    | 8255GT   | SCREW,HHC,3/8-16 X .75 .....                                        | 3    |
| 7    | 6021GT   | WASHER, LOCK, .375 .....                                            | 7    |
| 8    | 31753GT  | VALVE,PRESSURE REDUCING .....                                       | 1    |
| 9    | 28675GT  | MANIFOLD,ASSY,GENERATOR .....                                       | 1    |
|      |          | includes index numbers 8, 12-14                                     |      |
| 10   | 4266GT   | SCREW,HHC,1/4-20 X 2 .....                                          | 2    |
| 11   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                      | 4    |
| 12   | 19970GT  | VALVE,SOLENOID (18660)<br>includes index numbers 13 and 14 .....    | 1    |
| 13   | 22813GT  | COIL,12V.19970,19971 .....                                          | 1    |
| 14   | 45912GT  | NUT,SOLENOID VALVE 2P3W .....                                       | 1    |
| 15   | 29868GT  | SPRING CLIP,3/8-16,.05-.20X.73,ZAG .....                            | 4    |
| 16   | 6175GT   | SCREW,HHC,3/8-16 X 1 .....                                          | 4    |
| 17   | 32735GT  | VALVE,PRI. FLOW REG 4.3<br>for 2000W & 2500W generators .....       | 1    |
| 18   | 58301GT  | GENERATOR,2000W,HYDRAULIC***<br>includes index number 7 .....       | 1    |
| 18-  | 32732GT  | RECTIFIER ASSEMBLY .....                                            | 1    |
| 18-  | 58402GT  | BRIDGE,50A FULL WAVE** .....                                        | 1    |
| 18-  | 32734GT  | BRUSH ASSEMBLY .....                                                | 1    |
| 18-  | 32736GT  | MOTOR,HYDRAULIC GENERATOR .....                                     | 1    |

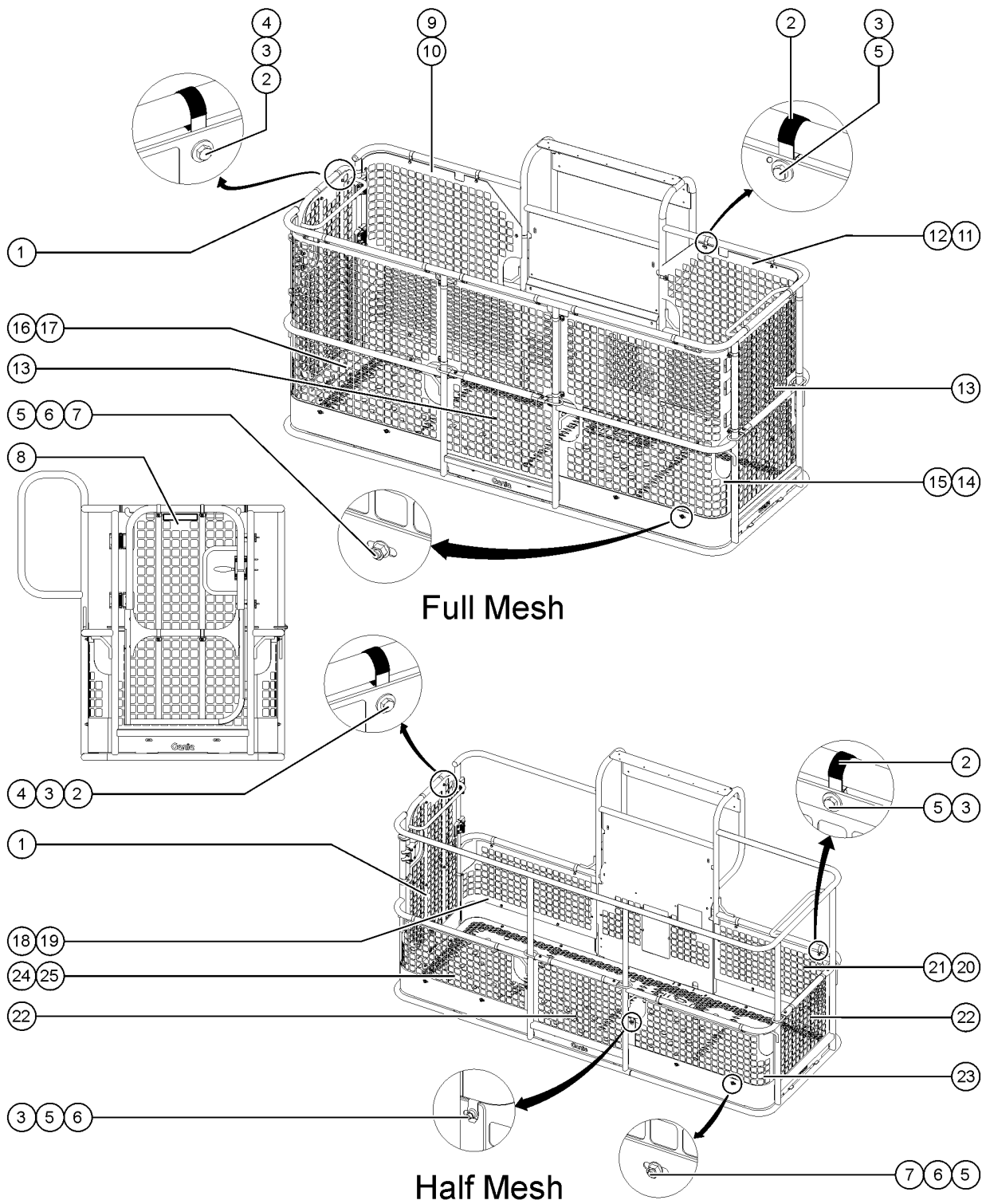
## 805.1 Cold Start Package - Ford &amp; Deutz Engines

**Deutz Diesel Models****Gasoline/LPG Models**

## 805.1 Cold Start Package - Ford &amp; Deutz Engines

| Item | Part No. | Description                                                                        | Qty. |
|------|----------|------------------------------------------------------------------------------------|------|
| 1    | 28853GT  | BLANKET,BATTERY<br>Gasoline/LPG and Deutz Diesel Models                            | 2    |
| 2    | 27246GT  | BOOT,TOGGLE SWITCH,SHORT*<br>Deutz Diesel models                                   | 1    |
| 3    | 32726GT  | DECAL,OPTION GLOW PLUGS***<br>Deutz Diesel models                                  | 1    |
| 4    | 128200GT | SWITCH TOGGLE ASSY SPDT 3P MOM<br>includes mounting fasteners; Deutz Diesel models | 1    |
| 5    | 27155GT  | SOLENOID,12V CONTINUOUS***<br>Deutz Diesel models                                  | 1    |
| 6    | 6091GT   | NUT, NYLOCK, 1/4-20<br>Deutz Diesel models                                         | 2    |
| 7    | 6638GT   | WASHER, FLAT, USS, 1/4"Y<br>Deutz Diesel models                                    | 4    |
| 8    | 6888GT   | SCREW, HHC, 1/4-20 X 1<br>Deutz Diesel models                                      | 2    |
| 9    | 31408GT  | GLOW PLUG,L1011<br>Deutz Diesel models                                             | 1    |
| 10   | 35610GT  | HEATER,FREEZE PLUG,FORD LRG423<br>Gasoline/LPG models                              | 1    |

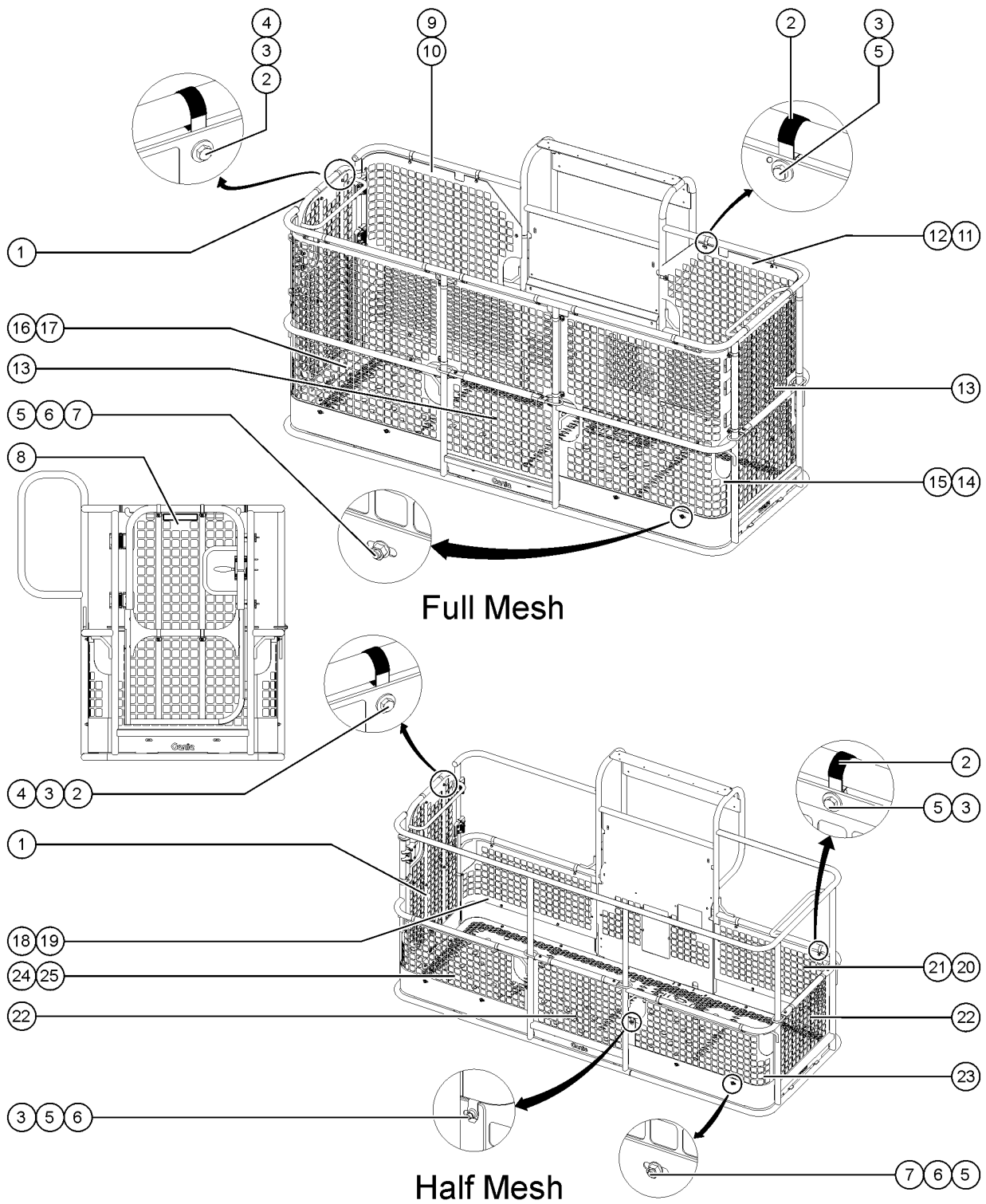
## 806.1 Platform Mesh-Side Swing Gate 8' and 6'



## 806.1 Platform Mesh-Side Swing Gate 8' and 6'

| Item | Part No.  | Description                               | Qty. |
|------|-----------|-------------------------------------------|------|
| -    | 1286622GT | KIT, 6' FULL MESH,SIDE GATE .....         |      |
| -    | 1275282GT | KIT, 6' HALF MESH,SIDE GATE .....         |      |
| -    | 1283049GT | KIT, 8' FULL MESH,SIDE GATE .....         |      |
| -    | 1275281GT | KIT, 8' HALF MESH,SIDE GATE .....         |      |
| 1    | 1278793GT | WELDMENT,PLATFORM MESH GATE .....         | 1    |
| 2    | 56424GT   | CLAMP,1.25X.5 RUBBER-CUSHION .....        |      |
| 3    | 56912GT   | SPRING CLIP,1/4-20,.025-.15X.54,ZAG ..... |      |
| 4    | 824079GT  | SCREW,HHF,1/4-20X1,8,ZAG .....            |      |
| 5    | 824078GT  | SCREW,HHF,1/4-20X.75,8,ZAG .....          |      |
| 6    | 824113GT  | WASHER,FLAT,USS,1/4,ZAG .....             |      |
| 7    | 1277924GT | NUT,NYLOCK FLG,1/4-20,F,ZAG .....         |      |
| 8    | 1282390GT | LABEL, LIFT GUARD, PLATFORM MESH .....    | 1    |
| A    |           | FULL MESH .....                           |      |
| 9    | 1282204GT | MESH, 6' FULL,BACK LEFT .....             | 1    |
|      |           | 6 feet platform                           |      |
| 10   | 1278790GT | MESH, 8' FULL,BACK LEFT .....             | 1    |
|      |           | 8 feet platform                           |      |
| 11   | 1282205GT | MESH, 6' FULL,BACK RIGHT .....            | 1    |
|      |           | 6 feet platform                           |      |
| 12   | 1279243GT | MESH, 8' FULL,BACK RIGHT .....            | 1    |
|      |           | 8 feet platform                           |      |
| 13   | 1278792GT | MESH, FULL HEIGHT,ENTRY .....             | 1    |
|      |           | 6 feet platform (front only)              |      |
| 13-  | 1278792GT | MESH, FULL HEIGHT,ENTRY .....             | 2    |
|      |           | 8 feet platform (side & front)            |      |
| 14   | 1282206GT | MESH, 6' FULL,FRONT RIGHT .....           | 1    |
|      |           | 6 feet platform                           |      |
| 15   | 1278791GT | MESH, 8' FULL,FRONT RIGHT .....           | 1    |
|      |           | 8 feet platform                           |      |
| 16   | 1282207GT | MESH, 6' FULL,FRONT LEFT .....            | 1    |
|      |           | 6 feet platform                           |      |
| 17   | 1279244GT | MESH, 8' FULL,FRONT LEFT .....            | 1    |
|      |           | 8 feet platform                           |      |
| B    |           | HALF MESH .....                           |      |
| 18   | 1270314GT | PANEL, HALF MESH .....                    | 1    |
|      |           | 6 feet platform                           |      |
| 19   | 1270994GT | PANEL, HALF MESH .....                    | 1    |
|      |           | 8 feet platform                           |      |
| 20   | 1270313GT | PANEL, HALF MESH .....                    | 1    |
|      |           | 6 feet platform                           |      |
| 21   | 1271019GT | PANEL, HALF MESH .....                    | 1    |
|      |           | 8 feet platform                           |      |

## 806.1 Platform Mesh-Side Swing Gate 8' and 6'

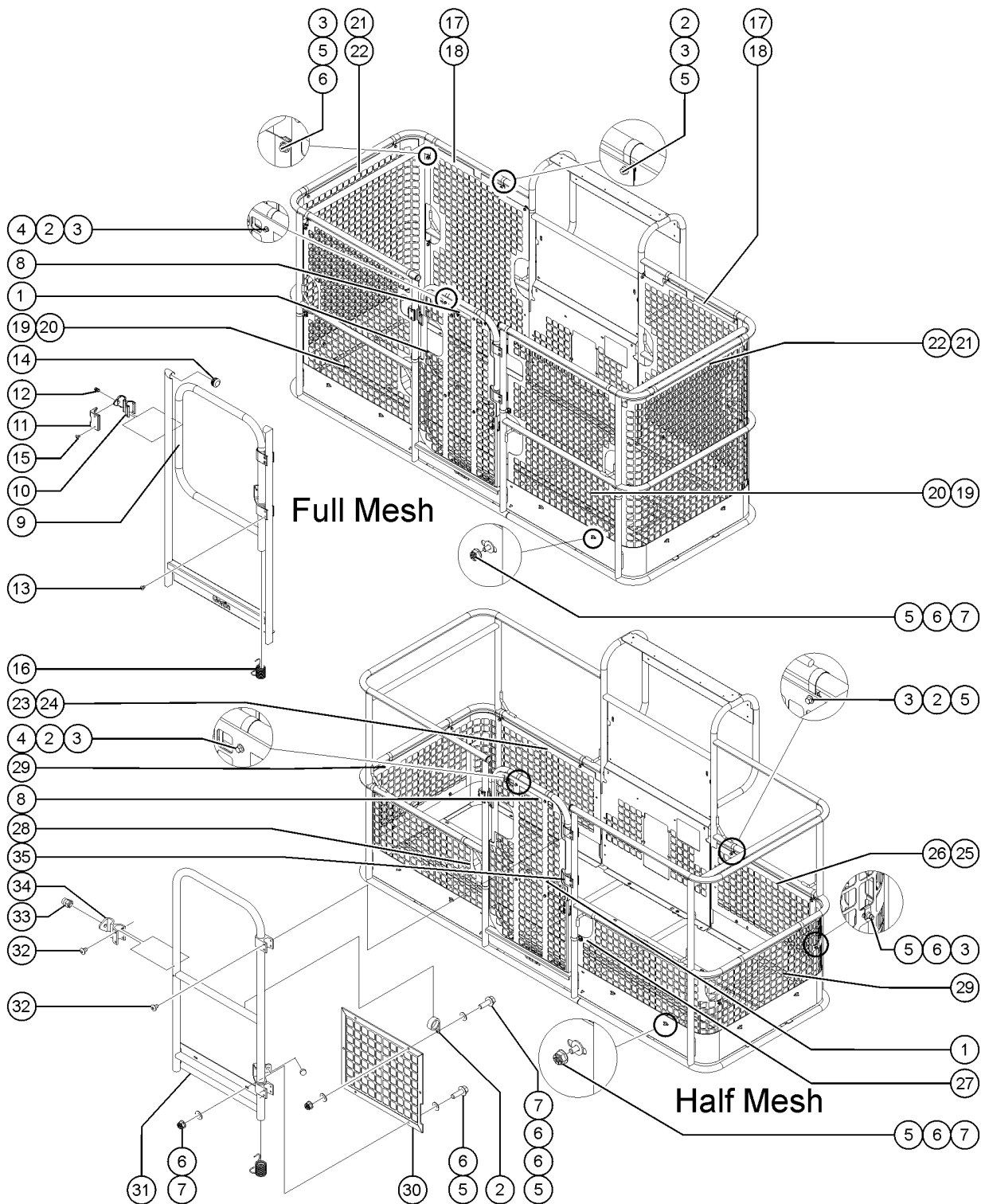




806.1 Platform Mesh-Side Swing Gate 8' and 6'

| Item | Part No.  | Description                                              | Qty. |
|------|-----------|----------------------------------------------------------|------|
| 22   | 1271061GT | PANEL, HALF MESH .....<br>6 feet platform (front only)   | 1    |
| 22-  | 1271061GT | PANEL, HALF MESH .....<br>8 feet platform (side & front) | 2    |
| 23   | 1271018GT | PANEL, HALF MESH .....<br>8 feet platform                | 1    |
| 24   | 1270316GT | PANEL, HALF MESH .....<br>6 feet platform                | 1    |
| 25   | 1271040GT | PANEL, HALF MESH .....<br>8 feet platform                | 1    |

## 806.2 Platform Mesh-Front Swing Gate 8' and 6'

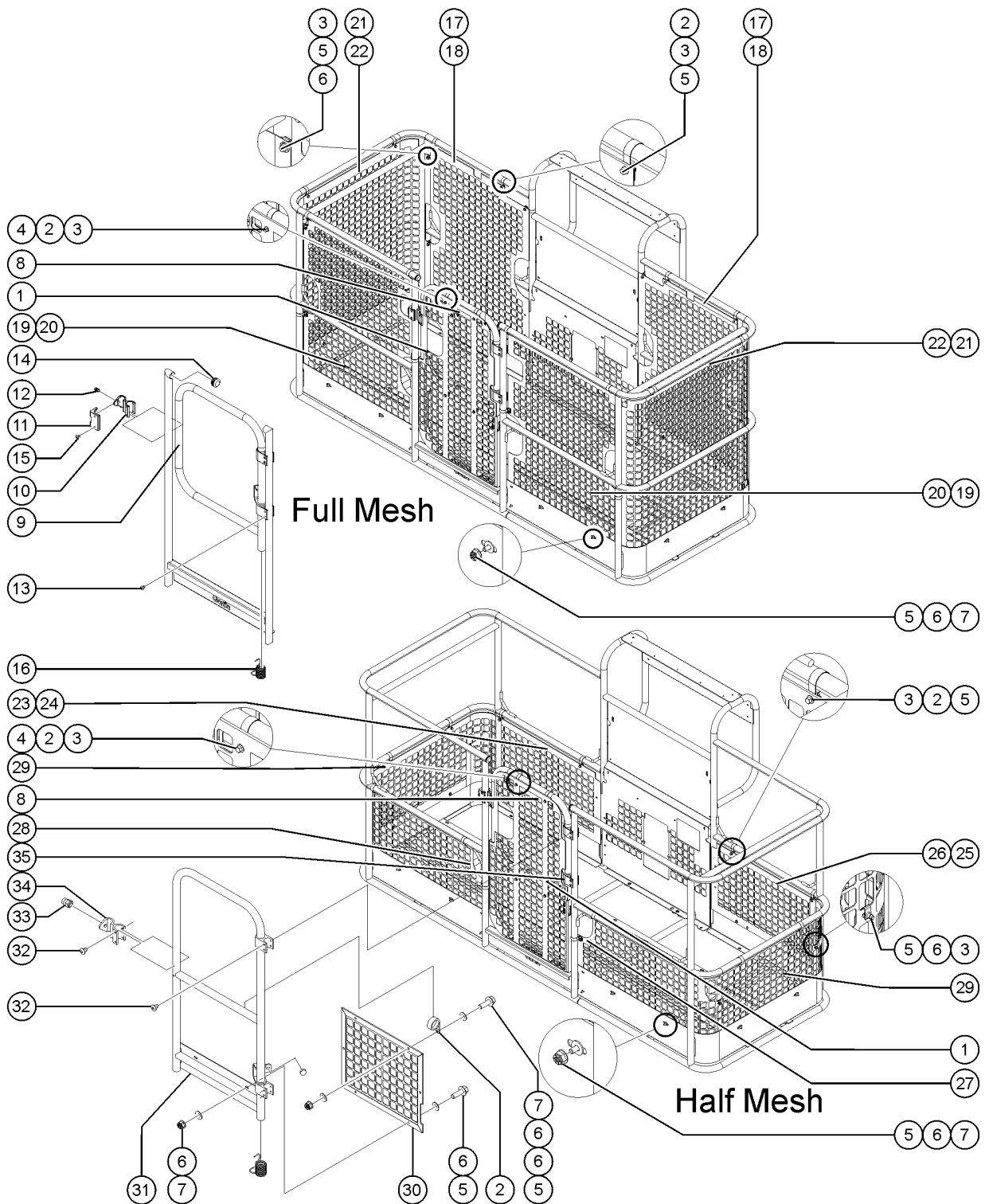


## 806.2 Platform Mesh-Front Swing Gate 8' and 6'

| Item | Part No.  | Description                                                 | Qty. |
|------|-----------|-------------------------------------------------------------|------|
| -    | 1290895GT | KIT, 6' FULL MESH W/FRONT HALF GATE .....                   |      |
| -    | 1290893GT | KIT, 6' HALF MESH W/FRONT HALF GATE .....                   |      |
| -    | 1290896GT | KIT, 8' FULL MESH W/FRONT HALF GATE .....                   |      |
| -    | 1290894GT | KIT, 8' HALF MESH W/FRONT HALF GATE .....                   |      |
| -    | 1290135GT | KIT, HALF FRONT, SWING GATE .....                           |      |
|      |           | includes items 9-16                                         |      |
| -    | 128368GT  | KIT, SWING GATE W/SPRING .....                              | 1    |
|      |           | (Includes items 31) (doesn't include 63311, 1487, and 1488) |      |
| 1    | 1278793GT | WELDMENT, PLATFORM MESH GATE .....                          | 1    |
| 2    | 56424GT   | CLAMP, 1.25X.5 RUBBER-CUSHION .....                         |      |
| 3    | 56912GT   | SPRING CLIP, 1/4-20,.025-.15X.54,ZAG .....                  |      |
| 4    | 824079GT  | SCREW, HHF, 1/4-20X1.8,ZAG .....                            |      |
| 5    | 824078GT  | SCREW, HHF, 1/4-20X.75,8,ZAG .....                          |      |
| 6    | 824113GT  | WASHER, FLAT, USS, 1/4,ZAG .....                            |      |
| 7    | 1277924GT | NUT, NYLOCK FLG, 1/4-20,F,ZAG .....                         |      |
| 8    | 1282390GT | LABEL, LIFT GUARD, PLATFORM MESH .....                      | 1    |
| 9    | 1283880GT | WELDMENT, ALUM HALF GATE .....                              | 1    |
| 10   | 1487GT    | GATE LATCH CASTING--DRILLED .....                           | 1    |
| 11   | 1488GT    | RAILING CATCH CASTING--DRILLED .....                        | 1    |
| 12   | 33674GT   | PIN, LOCK, SHORT*** .....                                   | 1    |
| 13   | 43392GT   | BUMPER, BATTERY BOX & RAILS .....                           | 1    |
| 14   | 55753GT   | BUMPER, PLASTIC, 1.25 O.D. ....                             | 3    |
| 15   | 824207GT  | RIVET, STL, STL, DOME, 1/4 X .375, ZAG .....                | 14   |
| 16   | 42104GT   | SPRING, SHORT PLATFORM GATE .....                           | 1    |
| A    |           | FULL MESH .....                                             |      |
| 17   | 1291429GT | MESH, FULL 6', BACK PANEL .....                             | 2    |
|      |           | 6 feet platform                                             |      |
| 18   | 1290891GT | 8' FULL MESH W/FRONT HALF GATE .....                        | 2    |
|      |           | 8 feet platform                                             |      |
| 19   | 1291430GT | MESH, FULL 6', FRONT PANEL .....                            | 2    |
|      |           | 6 feet platform                                             |      |
| 20   | 1290892GT | 8' HALF MESH W/FRONT HALF GATE .....                        | 2    |
|      |           | 8 feet platform                                             |      |
| 21   | 1291428GT | MESH, FULL 6', SIDE PANEL .....                             | 2    |
|      |           | 6 feet platform                                             |      |



## 806.2 Platform Mesh-Front Swing Gate 8' and 6'



## 806.2 Platform Mesh-Front Swing Gate 8' and 6'

| Item | Part No.  | Description                                          | Qty. |
|------|-----------|------------------------------------------------------|------|
| 22   | 1278790GT | MESH, 8' FULL, BACK LEFT .....<br>8 feet platform    | 2    |
| B    |           | HALF MESH .....                                      |      |
| 23   | 54458GT   | MESH, HALF, LH, 6' PLATFORM .....<br>6 feet platform | 1    |
| 24   | 1270994GT | PANEL, HALF MESH .....<br>8 feet platform            | 1    |
| 25   | 1270313GT | PANEL, HALF MESH .....<br>6 feet platform            | 1    |
| 26   | 1271019GT | PANEL, HALF MESH .....<br>8 feet platform            | 1    |
| 27   | 1271018GT | PANEL, HALF MESH .....<br>8 feet platform            | 1    |
| 28   | 1271040GT | PANEL, HALF MESH .....<br>8 feet platform            | 1    |
| 29   | 1291427GT | MESH, 8' HALF, SIDE PANEL .....<br>8 feet platform   | 2    |
|      |           | FULL GATE .....                                      |      |
| 30   | 54457GT   | MESH, HALF, SWING GATE*** .....                      | 1    |
| 31   | 128374GT  | WELDMENT, SWING GATE, ALUMINUM .....                 |      |
| 31-  | 42104GT   | SPRING, SHORT PLATFORM GATE .....                    |      |
| 31-  | 43392GT   | BUMPER, BATTERY BOX & RAILS .....                    |      |
| 32   | 824207GT  | RIVET, STL, STL, DOME, 1/4 X .375, ZAG .....         |      |
| 33   | 63311GT   | SNAP PIN .....                                       |      |
| 34   | 1487GT    | GATE LATCH CASTING--DRILLED .....                    |      |
| 35   | 1488GT    | RAILING CATCH CASTING--DRILLED .....                 |      |

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| 1268GT          | 11, 15                         | 7056GT          | 115, 157                         | 14041GT         | 115, 157            |
| 1484GT          | 11, 15                         | 7261GT          | 33, 59, 109                      | 14815GT         | 19, 23, 45, 49      |
| 1487GT          | 167, 181, 183                  | 7265GT          | 167                              | 16439GT         | 125                 |
| 1488GT          | 167, 181, 183                  | 7339GT          | 79, 95                           | 16486GT         | 133, 137            |
| 1505GT          | 115                            | 7713GT          | 125, 141                         | 16584GT         | 89                  |
| 2161GT          | 37, 63                         | 8170GT          | 85, 93                           | 18218GT         | 99                  |
| 4266GT          | 141, 167, 173                  | 8177GT          | 31, 57, 79, 103, 109             | 18396GT         | 31, 57              |
| 4828GT          | 21, 41, 85, 91, 125,<br>137... | 8179GT          | 77, 87                           | 18504GT         | 123                 |
| 5224GT          | 21, 47                         | 8220GT          | 21, 23, 47, 49                   | 18505GT         | 53                  |
| 5365GT          | 37, 63                         | 8255GT          | 55, 91, 101, 125, 135,<br>137... | 18506GT         | 93                  |
| 5397GT          | 53                             | 8516GT          | 83, 145                          | 18665GT         | 115                 |
| 6002GT          | 89, 93                         | 8843GT          | 157                              | 18687GT         | 129                 |
| 6019GT          | 19, 23, 31, 45, 49, 57...      | 8914GT          | 77, 141, 159                     | 18963GT         | 165                 |
| 6021GT          | 19, 23, 31, 45, 49, 53...      | 8915GT          | 123                              | 19141GT         | 75, 89              |
| 6023GT          | 83                             | 8920GT          | 123                              | 19363GT         | 99                  |
| 6024GT          | 83, 87, 133                    | 9596GT          | 167                              | 19418GT         | 111                 |
| 6033GT          | 51, 51, 19, 91, 109,<br>137... | 9599-SGT        | 167                              | 19440GT         | 19, 23, 45, 49      |
| 6035GT          | 83, 87                         | 10355GT         | 127                              | 19487GT         | 97                  |
| 6066GT          | 165                            | 10597GT         | 51, 51, 19, 91, 131,<br>145      | 19491GT         | 109, 133, 137       |
| 6086GT          | 21, 23, 47, 49                 | 10598GT         | 85                               | 19506GT         | 119                 |
| 6090GT          | 27, 31, 51, 57, 83, 89...      | 10775GT         | 157                              | 19687GT         | 39, 43, 65, 69, 127 |
| 6091GT          | 51, 85, 11, 81, 95,<br>101...  | 11637GT         | 111                              | 19712GT         | 163                 |
| 6095GT          | 85, 103                        | 12343GT         | 37, 63                           | 19970GT         | 173                 |
| 6097GT          | 85, 89, 91, 101, 125,<br>135   | 12906GT         | 123                              | 19975GT         | 157                 |
| 6146GT          | 135, 165                       | 12960GT         | 115, 157                         | 20022GT         | 127                 |
| 6175GT          | 19, 23, 45, 49, 79, 83...      | 13002GT         | 101                              | 20193GT         | 31, 57              |
| 6178GT          | 137, 165                       | 13003GT         | 133                              | 20224GT         | 29, 37, 55, 107     |
| 6198GT          | 85, 103, 109                   | 13014GT         | 83                               | 20293GT         | 97                  |
| 6356GT          | 27, 31, 37, 51, 57, 63...      | 13064GT         | 55, 55, 55, 55, 55,<br>111...    | 20324GT         | 39, 43, 65, 69      |
| 6562GT          | 115                            | 13066GT         | 33, 53, 59, 79, 91, 109          | 20326GT         | 127                 |
| 6584GT          | 37, 63                         | 13119GT         | 129                              | 20328GT         | 39, 67              |
| 6605GT          | 91                             | 13120GT         | 55, 45, 55, 55, 125,<br>149      | 20334GT         | 39, 65, 69          |
| 6607GT          | 101, 105, 133, 137             | 13268GT         | 119                              | 20424GT         | 161                 |
| 6637GT          | 137, 147                       | 13471GT         | 119                              | 20424HGT        | 161                 |
| 6638GT          | 27, 31, 37, 51, 57, 63...      | 13585GT         | 157                              | 20630GT         | 111                 |
| 6782GT          | 53                             | 13755GT         | 129                              | 20709GT         | 127                 |
| 6884GT          | 37, 63                         | 13756GT         | 127, 149                         | 20710GT         | 127                 |
| 6886GT          | 95, 101, 133                   | 13757GT         | 131                              | 20776GT         | 115                 |
| 6888GT          | 101, 115, 125, 141,<br>175     | 13775GT         | 145                              | 20880GT         | 79, 95              |
| 6889GT          | 141, 167                       | 13852GT         | 145                              | 20923GT         | 39, 67              |
| 6918GT          | 115                            | 13918GT         | 137                              | 20925GT         | 39, 43, 65, 69      |
| 6935GT          | 115, 157                       | 13921GT         | 41, 45, 81, 11, 125,<br>149      | 21018GT         | 83                  |

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| 21130GT         | 37, 63, 79, 95      | 25571P-SGT      | 79                 | 27514GT         | 163                |
| 21141GT         | 97                  | 25683GT         | 19, 45, 147        | 27531GT         | 37, 63             |
| 21143GT         | 33, 51, 59          | 25807GT         | 117                | 27532GT         | 37, 63             |
| 21144GT         | 33, 51, 59          | 25808GT         | 117                | 27564GT         | 11, 17             |
| 21145GT         | 33, 51, 59          | 25817GT         | 19, 23, 45, 49     | 27639PGT        | 83                 |
| 21146GT         | 33, 51, 59          | 25836GT         | 117, 157           | 27640GT         | 83                 |
| 21148GT         | 33, 51, 59          | 25881GT         | 161                | 27643GT         | 109                |
| 21149GT         | 33, 51, 59          | 25882GT         | 161                | 27761GT         | 29, 55             |
| 21166GT         | 27                  | 25883GT         | 161                | 27801GT         | 107                |
| 21175GT         | 87, 111             | 25884GT         | 161                | 27802GT         | 105                |
| 21252GT         | 41, 43, 67, 71, 127 | 25951GT         | 127                | 27803GT         | 107                |
| 21465GT         | 97                  | 25964GT         | 53                 | 27804GT         | 107                |
| 21496GT         | 37, 63, 79, 95      | 25967GT         | 79, 97             | 27807GT         | 105                |
| 21935GT         | 107                 | 25974GT         | 117                | 27812GT         | 105                |
| 21982GT         | 119                 | 25994GT         | 11                 | 27813GT         | 103, 105           |
| 22278GT         | 79                  | 27010GT         | 79                 | 27814GT         | 107                |
| 22364GT         | 161                 | 27022PGT        | 83                 | 27908GT         | 77                 |
| 22365GT         | 161                 | 27033PGT        | 159                | 27914GT         | 101                |
| 22366GT         | 161                 | 27034GT         | 83                 | 27915GT         | 73, 93             |
| 22367GT         | 161                 | 27035GT         | 145                | 27916GT         | 73, 93             |
| 22368GT         | 161                 | 27042GT         | 81                 | 27917GT         | 79                 |
| 22540GT         | 131                 | 27087GT         | 73                 | 27919GT         | 77                 |
| 22578GT         | 95                  | 27089GT         | 97                 | 27922GT         | 77                 |
| 22585GT         | 73                  | 27114GT         | 123                | 27942GT         | 83                 |
| 22665GT         | 41, 43, 65, 69, 127 | 27115GT         | 157                | 27943GT         | 83                 |
| 22700GT         | 83                  | 27133GT         | 163                | 28020GT         | 75                 |
| 22811GT         | 33, 51, 59, 61, 109 | 27134GT         | 163                | 28076GT         | 83, 87             |
| 22813GT         | 173                 | 27142GT         | 77                 | 28125GT         | 123                |
| 22832GT         | 141                 | 27155GT         | 115, 175           | 28157GT         | 11                 |
| 23057GT         | 95                  | 27191GT         | 127                | 28158GT         | 11                 |
| 23154-SGT       | 19, 25, 45, 49      | 27192GT         | 131                | 28159GT         | 11                 |
| 23680GT         | 161                 | 27202GT         | 127                | 28160GT         | 11                 |
| 23688GT         | 161                 | 27204GT         | 15                 | 28161GT         | 11, 15             |
| 23802GT         | 39, 43, 67, 69      | 27205GT         | 15                 | 28164GT         | 13                 |
| 24038GT         | 83                  | 27206GT         | 15                 | 28165GT         | 15                 |
| 24039GT         | 111                 | 27207GT         | 15                 | 28171GT         | 11                 |
| 24058GT         | 127                 | 27210GT         | 75                 | 28174GT         | 11, 15             |
| 24514GT         | 153                 | 27246GT         | 119, 159, 173, 175 | 28175GT         | 13                 |
| 24675GT         | 103                 | 27287GT         | 119                | 28176GT         | 15                 |
| 25072P-SGT      | 143                 | 27377GT         | 123                | 28177GT         | 11                 |
| 25375GT         | 37, 63, 105         | 27431GT         | 65, 69             | 28181GT         | 11                 |
| 25567GT         | 99                  | 27512GT         | 163                | 28234P-SGT      | 85                 |

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| 28235GT         | 11, 15             | 29293GT         | 33, 59             | 30286GT         | 145                |
| 28236GT         | 15                 | 29296GT         | 85                 | 30342GT         | 127                |
| 28301GT         | 123                | 29297GT         | 85                 | 30343GT         | 127                |
| 28310GT         | 117                | 29314GT         | 123                | 30347GT         | 127                |
| 28352GT         | 19, 23, 45, 49     | 29417GT         | 101                | 30369GT         | 77, 87             |
| 28445GT         | 129                | 29418GT         | 101                | 30370GT         | 19, 45             |
| 28452GT         | 39                 | 29428GT         | 101                | 30378GT         | 145                |
| 28471GT         | 123                | 29429GT         | 101                | 30406GT         | 11                 |
| 28597GT         | 39, 43, 65, 69     | 29436GT         | 79, 91             | 30407GT         | 11                 |
| 28646GT         | 125                | 29439GT         | 73                 | 30430GT         | 125                |
| 28647GT         | 73, 77             | 29480GT         | 141                | 30438GT         | 89                 |
| 28648GT         | 73, 77             | 29481GT         | 141                | 30444GT         | 103                |
| 28649GT         | 73                 | 29550GT         | 87                 | 30452GT         | 117                |
| 28650GT         | 73                 | 29551GT         | 87                 | 30468GT         | 123                |
| 28651GT         | 73                 | 29552GT         | 87                 | 30472GT         | 137                |
| 28652GT         | 75                 | 29555GT         | 87                 | 30486GT         | 125                |
| 28653GT         | 75                 | 29557GT         | 89                 | 30490GT         | 99                 |
| 28654GT         | 75                 | 29559GT         | 89                 | 30546P-SGT      | 99                 |
| 28656GT         | 73                 | 29560GT         | 93                 | 30558GT         | 37, 63             |
| 28658GT         | 73                 | 29561GT         | 93                 | 30581GT         | 137                |
| 28659GT         | 75                 | 29562GT         | 93                 | 30582GT         | 137                |
| 28662GT         | 73                 | 29564GT         | 89                 | 30584GT         | 97                 |
| 28664GT         | 77                 | 29606GT         | 77                 | 30591GT         | 131                |
| 28666GT         | 75                 | 29607GT         | 115                | 30620-SGT       | 171                |
| 28675GT         | 173                | 29616GT         | 77                 | 30652PGT        | 97                 |
| 28714GT         | 73                 | 29737GT         | 55                 | 30660GT         | 89                 |
| 28716GT         | 75                 | 29739GT         | 79, 91             | 30662GT         | 133                |
| 28717GT         | 77, 83             | 29744GT         | 77, 87, 105        | 30666GT         | 103                |
| 28718GT         | 77                 | 29764GT         | 145                | 30667GT         | 51, 57             |
| 28750GT         | 29, 55             | 29868GT         | 101, 125, 173      | 30670-SGT       | 141                |
| 28769GT         | 75, 83             | 29883GT         | 85, 89             | 30671-SGT       | 143                |
| 28770GT         | 75, 83             | 29908GT         | 97                 | 30674GT         | 89                 |
| 28807GT         | 167                | 30080GT         | 15                 | 30677GT         | 103                |
| 28829GT         | 99                 | 30138GT         | 137                | 30679-SGT       | 85, 87             |
| 28836GT         | 77, 89             | 30144GT         | 85, 93             | 30684GT         | 27                 |
| 28853GT         | 175                | 30179GT         | 99                 | 30690GT         | 31, 57             |
| 29066GT         | 77, 87             | 30190GT         | 21, 47             | 30691GT         | 31, 57             |
| 29073GT         | 95                 | 30219GT         | 145                | 30692GT         | 137                |
| 29080GT         | 137                | 30220GT         | 139                | 30703GT         | 101                |
| 29137GT         | 97                 | 30224PGT        | 79                 | 30711GT         | 97                 |
| 29291GT         | 33, 59, 113        | 30230P-SGT      | 79, 95             | 30712GT         | 173                |
| 29292GT         | 33, 59             | 30277PGT        | 125                | 30718PGT        | 101                |



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| 30720PGT        | 83                     | 30819GT         | 149                | 30868GT         | 129                |
| 30721PGT        | 87                     | 30820GT         | 149                | 30869GT         | 127                |
| 30727GT         | 145                    | 30821GT         | 149                | 30870GT         | 127                |
| 30728GT         | 145                    | 30823GT         | 147                | 30871GT         | 129                |
| 30729GT         | 139                    | 30825GT         | 65, 69             | 30872GT         | 129                |
| 30730GT         | 137                    | 30826GT         | 65, 69             | 30873GT         | 127                |
| 30731GT         | 137                    | 30827GT         | 65, 69             | 30874GT         | 129                |
| 30732GT         | 133                    | 30828GT         | 65, 69             | 30875GT         | 131                |
| 30733GT         | 133                    | 30831GT         | 127                | 30876GT         | 131                |
| 30734GT         | 19, 23, 45, 49, 133    | 30834GT         | 39, 65             | 30877GT         | 129                |
| 30735GT         | 19, 23, 31, 45, 49, 57 | 30835GT         | 39, 67             | 30884GT         | 37, 63             |
| 30736GT         | 19, 23, 45, 49         | 30836GT         | 39, 67             | 30886GT         | 111, 125           |
| 30737GT         | 19, 45                 | 30837GT         | 39, 65             | 30887GT         | 149                |
| 30738GT         | 137                    | 30838GT         | 39, 65             | 30888GT         | 149                |
| 30741GT         | 137                    | 30839GT         | 39, 67             | 30954GT         | 41, 43, 65, 69     |
| 30743GT         | 125                    | 30841GT         | 41, 43, 67, 69     | 30955GT         | 39, 43             |
| 30744GT         | 125                    | 30842GT         | 41, 43, 67, 71     | 30956GT         | 41, 43             |
| 30747-SGT       | 45                     | 30843GT         | 39, 43, 65, 69     | 30957GT         | 41, 43             |
| 30747GT         | 19, 23, 49             | 30844GT         | 65, 69             | 30959GT         | 127, 129           |
| 30748GT         | 139, 145               | 30845GT         | 39, 43, 67, 69     | 30961GT         | 125                |
| 30749GT         | 141                    | 30846GT         | 41, 43, 67, 69     | 30963GT         | 89                 |
| 30750GT         | 141                    | 30847GT         | 39, 43, 65, 69     | 30964GT         | 89                 |
| 30751GT         | 123                    | 30848GT         | 41, 43, 67, 71     | 30965PGT        | 123                |
| 30757-SGT       | 143                    | 30849GT         | 39, 43, 65, 69     | 30968GT         | 107                |
| 30759GT         | 125                    | 30850GT         | 39, 43, 65, 69     | 30970GT         | 65, 69             |
| 30760GT         | 123                    | 30851GT         | 149                | 30973GT         | 123                |
| 30769PGT        | 93                     | 30852GT         | 149                | 30998GT         | 11, 15             |
| 30783PGT        | 109                    | 30853GT         | 149                | 31060GT         | 17                 |
| 30784-975GT     | 85, 93                 | 30854GT         | 129                | 31078GT         | 19, 45, 133, 147   |
| 30785-1000GT    | 79, 95                 | 30855GT         | 129                | 31082GT         | 109                |
| 30793GT         | 27                     | 30856GT         | 149                | 31099GT         | 107                |
| 30794GT         | 115, 157               | 30857GT         | 129                | 31100GT         | 107                |
| 30796PGT        | 95                     | 30858GT         | 129                | 31106GT         | 19, 45, 133        |
| 30797GT         | 37, 63                 | 30859GT         | 129                | 31120GT         | 167                |
| 30802P-SGT      | 35, 61                 | 30860GT         | 127                | 31249GT         | 79, 91             |
| 30805GT         | 93                     | 30861GT         | 127                | 31250GT         | 77                 |
| 30806GT         | 91                     | 30862GT         | 127                | 31261GT         | 105                |
| 30808GT         | 31, 57                 | 30863GT         | 129                | 31262GT         | 105                |
| 30809GT         | 31, 57                 | 30864GT         | 129                | 31283GT         | 163                |
| 30810GT         | 73                     | 30865GT         | 129                | 31284GT         | 163                |
| 30814GT         | 31, 51, 57             | 30866GT         | 129                | 31406GT         | 55                 |
| 30815GT         | 31, 51, 57             | 30867GT         | 129                | 31408GT         | 175                |

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| 31411GT         | 141                | 32697GT         | 89                 | 33555GT         | 125                |
| 31493GT         | 111                | 32698GT         | 87                 | 33576GT         | 153                |
| 31498GT         | 145                | 32699GT         | 89                 | 33674GT         | 167, 181           |
| 31500GT         | 113                | 32702GT         | 11, 15             | 33729GT         | 89                 |
| 31502GT         | 113                | 32703GT         | 13                 | 33931GT         | 73, 93             |
| 31506GT         | 97                 | 32708GT         | 157                | 33958GT         | 73                 |
| 31507GT         | 97                 | 32712GT         | 139                | 33994GT         | 29, 55             |
| 31519GT         | 109                | 32713GT         | 133                | 34037GT         | 129                |
| 31522GT         | 87                 | 32719GT         | 11                 | 34038GT         | 129                |
| 31523GT         | 87                 | 32721GT         | 13                 | 34052GT         | 117                |
| 31524GT         | 97                 | 32722GT         | 147                | 34053GT         | 117                |
| 31526GT         | 163                | 32723GT         | 37, 63             | 34055GT         | 117                |
| 31753GT         | 173                | 32724GT         | 37, 63             | 34056GT         | 117                |
| 31797GT         | 131                | 32725GT         | 37, 63             | 34057GT         | 115                |
| 31798GT         | 131                | 32726GT         | 15, 175            | 34058GT         | 73                 |
| 32150GT         | 11, 15             | 32728GT         | 15                 | 34059GT         | 93                 |
| 32151GT         | 11, 15             | 32729GT         | 15                 | 34447GT         | 55                 |
| 32156GT         | 131, 149           | 32731GT         | 111                | 34448GT         | 29                 |
| 32284GT         | 47, 49             | 32732GT         | 173                | 34503GT         | 117                |
| 32285GT         | 47, 49             | 32734GT         | 173                | 34504GT         | 117                |
| 32637GT         | 157                | 32735GT         | 173                | 34619GT         | 123                |
| 32638GT         | 157                | 32736GT         | 173                | 34727GT         | 39, 65             |
| 32639GT         | 157                | 32738-SGT       | 21                 | 34961GT         | 109, 137           |
| 32652GT         | 23, 49             | 32744GT         | 11                 | 34980-SGT       | 97                 |
| 32653GT         | 31, 57             | 32746GT         | 15                 | 35610GT         | 175                |
| 32657GT         | 15                 | 32747GT         | 13                 | 35934GT         | 115, 157           |
| 32658GT         | 11                 | 32748GT         | 87                 | 35949P-SGT      | 125                |
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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).

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