



A TEREX BRAND

# ***Parts Manual***

Serial Number Range

***S-60***

from SN 001 to 652

Part No. 28780GT  
Rev: B.37  
February 2025

---

## Technical Publications

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

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

---

## Contact Us:

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

---

## Find a Manual for this Model

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

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

Copyright © 1992 by Terex Corporation

---

28780GT Rev B.37 February 2025  
First Edition, Second Printing

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

 Printed on recycled paper





A TEREX BRAND

**Model:** S-80

**Serial number:** S8006-12345

**Model year:** 2008 **Manufacture date:** 07/05/08

**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 :** 80 ft/ 24.38 m

**Maximum platform reach :** 72 ft 5 in/ 22.07 m

**Gradeability:** N/A

**Country of manufacture:** USA

**This machine complies with:**

ANSI A92.5

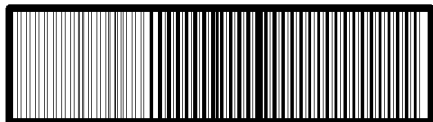
CAN B.354.4

**Terex South Dakota, Inc.**

**18340 NE 76th Street**

**Redmond, WA 98052**

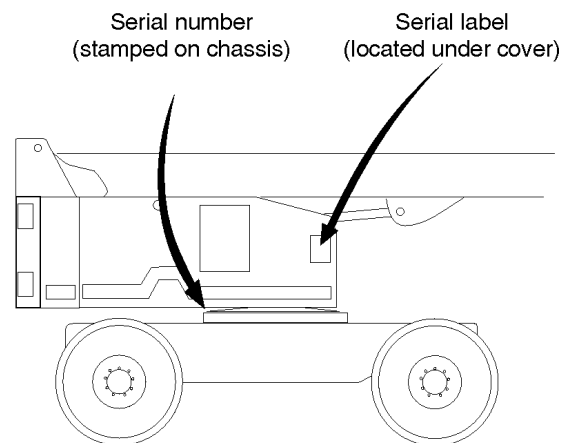
**USA**



11111111111111

S80 06 - 12345

Model Model year Sequence number



## 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-60 Service Manual.

Ford Models:

| Description                        | Part No. |
|------------------------------------|----------|
| Hydraulic Tank Filter .....        | 20293    |
| Drive Loop Filter .....            | 20880    |
| Safety Chock .....                 | 33484    |
| Engine Oil Filter .....            | 28656    |
| Engine Air Filter Element .....    | 27916    |
| Engine Fuel Filter .....           | 28662    |
| Engine PCV Valve .....             | 33538    |
| Engine Spark Plugs (4 req'd) ..... | 28647    |
| Engine Timing Belt .....           | 28718    |

Deutz Models:

| Description                     | Part No. |
|---------------------------------|----------|
| Hydraulic Tank Filter .....     | 20293    |
| Drive Loop Filter .....         | 20880    |
| Safety Chock .....              | 33484    |
| Engine Oil Filter .....         | 29561    |
| Engine Air Filter Element ..... | 27916    |
| Engine Fuel Filter .....        | 29560    |

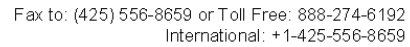
### Recommended Parts

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

### Manuals

Genie Industries offers the following support documents for these models:

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



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

[illegible]

☐ Ship complete order only - No back orders

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

☐ Other (please specify)

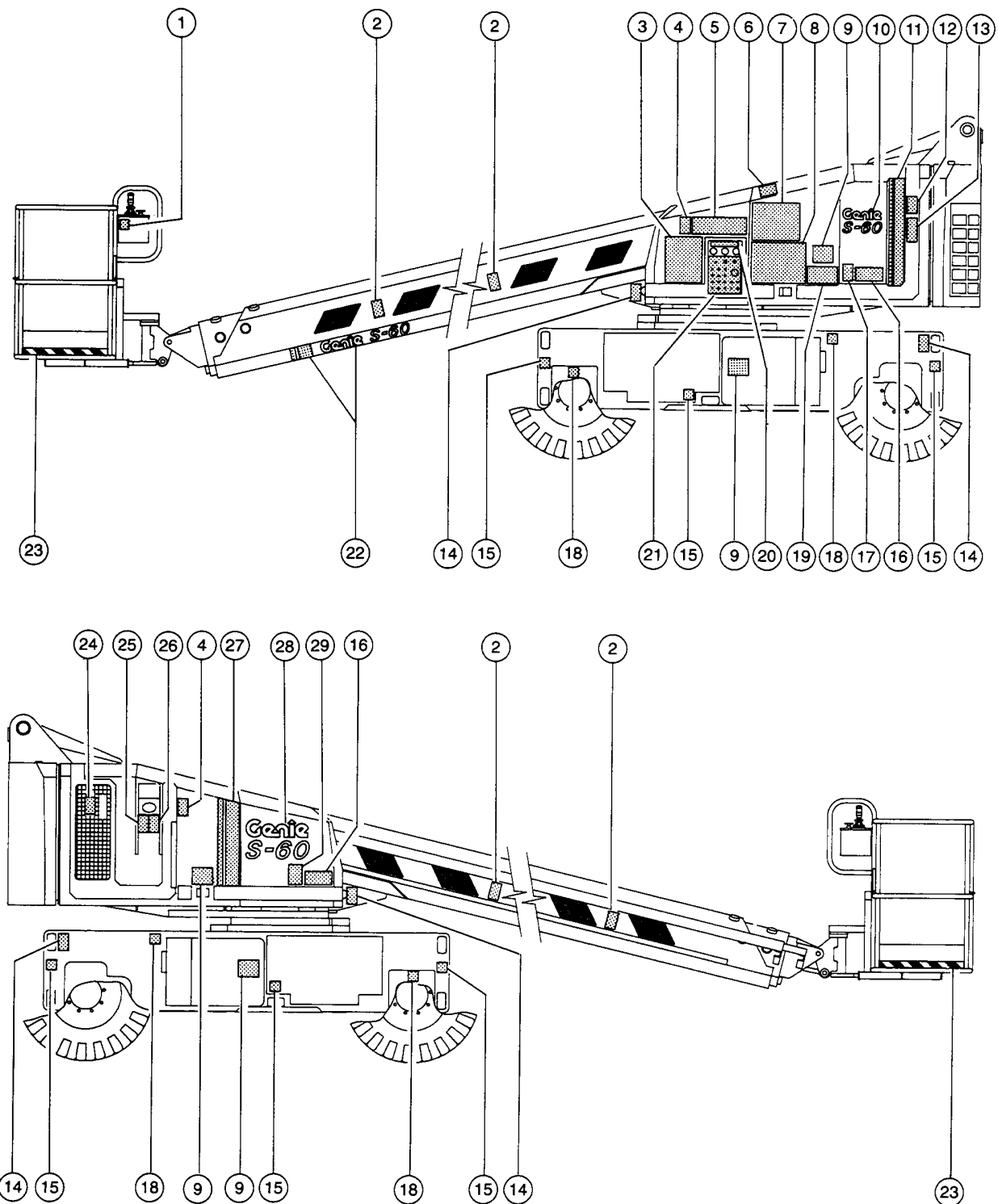
| <b>Description</b>                                                               | <b>Page</b> |
|----------------------------------------------------------------------------------|-------------|
| <b>100 Decals And Paint .....</b>                                                | <b>10</b>   |
| 101.1 Decals and Paint - Profile View .....                                      | 10          |
| 102.1 Decals and Paint - End View .....                                          | 14          |
| 103.1 Decals and Paint - Top View and Platform .....                             | 16          |
| <b>200 2WD Drive Chassis Module .....</b>                                        | <b>18</b>   |
| 201.1 2WD Steer Linkage / Non-oscillating Axle .....                             | 18          |
| 202.1 2WD Steer Linkage / Oscillating Axle .....                                 | 20          |
| 203.1 2WD Front Wheel Installation .....                                         | 24          |
| 204.1 2WD Traction Manifold .....                                                | 26          |
| 205.1 2WD Rear Wheel Drive .....                                                 | 28          |
| 206.1 2WD Hydraulic Hoses and Fittings-Drive Chassis, Non-oscillating Axle ..... | 32          |
| 207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle .....   | 36          |
| <b>300 4WD Drive Chassis Module .....</b>                                        | <b>40</b>   |
| 301.1 4WD Steer Linkage / Oscillating Axle .....                                 | 40          |
| 302.1 4WD Front Wheel Drive .....                                                | 44          |
| 303.1 4WD Traction Manifold .....                                                | 46          |
| 304.1 4WD Rear Wheel Drive .....                                                 | 48          |
| 305.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle .....   | 52          |
| <b>400 Power Plants .....</b>                                                    | <b>56</b>   |
| 401.1 Ford Dual Fuel Engine - View 1 .....                                       | 56          |
| 402.1 Ford Dual Fuel Engine - View 2 .....                                       | 60          |
| 403.1 Ford Dual Fuel Engine - View 3 .....                                       | 64          |
| 404.1 Ford Dual Fuel Engine - View 4 .....                                       | 68          |
| 405.1 Deutz Diesel Engine - View 1 .....                                         | 70          |
| 406.1 Deutz Diesel Engine - View 2 .....                                         | 74          |
| 407.1 Duetz Diesel Engine - View 3 .....                                         | 76          |
| <b>500 Turntable Module .....</b>                                                | <b>78</b>   |
| 501.1 Hydraulic Reservoir and Fuel Tanks .....                                   | 78          |
| 502.1 Function Manifold and Auxiliary Power Unit Installation .....              | 82          |
| 503.1 Function Manifold "A" .....                                                | 84          |
| 504.1 Function Manifold "B" .....                                                | 86          |
| 505.1 Hydraulic and Electrical Rotary Couplers and Turntable Rotator .....       | 90          |
| 506.1 Ground Controls - View 1 .....                                             | 94          |
| 507.1 Ground Controls - View 2 .....                                             | 98          |
| 508.1 Rear Turntable Compartment .....                                           | 100         |
| 509.1 Turntable Covers .....                                                     | 104         |
| 510.1 Hydraulic Hoses and Fittings - Turntable .....                             | 108         |

## Table of Contents

| <b>Description</b>                                               | <b>Page</b> |
|------------------------------------------------------------------|-------------|
| <b>600 Boom Module .....</b>                                     | <b>116</b>  |
| 601.1 Primary Lift and Master Cylinder Installation .....        | 116         |
| 602.1 Number 1 Boom Installation .....                           | 118         |
| 603.1 Number 2 Boom Installation .....                           | 120         |
| 604.1 Number 3 Mast Installation .....                           | 122         |
| 605.1 Cable Track Installation .....                             | 124         |
| 606.1 Extension Cylinder and Sequencing Cable Installation ..... | 128         |
| 607.1 Slave Cylinder and Platform Rotator .....                  | 132         |
| 608.1 Hydraulic Hoses and Fittings - Boom Module .....           | 134         |
| <b>700 Platform Module .....</b>                                 | <b>136</b>  |
| 701.1 Platform Installation .....                                | 136         |
| 702.1 Platform Controls - View 1 .....                           | 142         |
| 703.1 Platform Controls - View 2 .....                           | 144         |
| 704.1 Joystick Controller - Drive / Steer .....                  | 148         |
| 705.1 Joystick Controller - Boom Functions .....                 | 150         |
| <b>Part Number Index .....</b>                                   | <b>152</b>  |



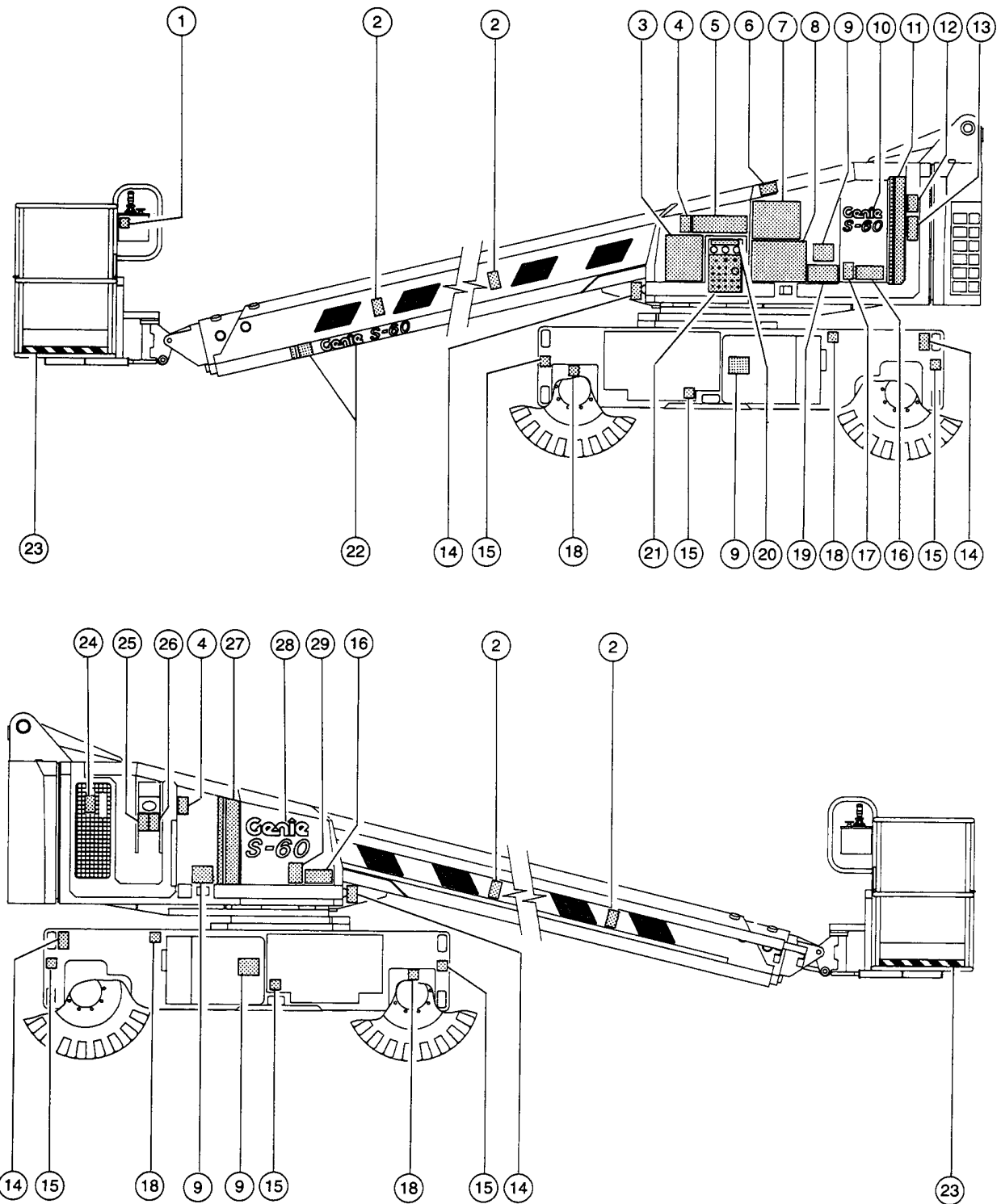
## 101.1 Decals and Paint - Profile View





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
|             | 27573GT         | DECAL KIT,INSTRUCTIONAL,S60 .....     |             |
|             | 28863GT         | DECAL KIT,COSMETIC,S60 .....          |             |
|             | 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           | 28240GT         | DECAL,WARNING,NO FINGERS .....        | 4           |
| 3           | 27569GT         | DECAL,NOTICE,PRE-OPERATION .....      | 1           |
| 4           | 25994GT         | DECAL,NOTICE,SHUTOFF VALVES .....     | 2           |
| 5           | 28169GT         | DECAL,NOTICE,MAX.LOAD 660 LBS .....   | 1           |
| 6           | 28239GT         | DECAL,WARNING,BURN HAZARD .....       | 1           |
| 7           | 28167GT         | DECAL,NOTICE,OPER.ISTR.(GRND) .....   | 1           |
| 8           | 28166GT         | DECAL,DANGER,SAFETY RULES .....       | 1           |
| 9           | 28175GT         | DECAL,WARNING-COMPART ACCESS .....    | 4           |
| 10          | 28868GT         | DECAL,GENIE S-60,13.5",WHITE .....    | 1           |
| 11          | 28871GT         | DECAL,STRIPE.32",BLUE .....           | 1           |
| 12          | 28162GT         | DECAL,WARNING,CRUSHING .....          | 1           |
| 13          | 28238GT         | DECAL,NOTICE,ENG.SPECS,FORD423 .....  | 1           |
| 14          | 28161GT         | DECAL,WARN,CRUSH HAZARD HAND .....    | 4           |
| 15          | 28242GT         | DECAL,TIE DOWN POINTS .....           | 6           |
| 16          | 27564GT         | DECAL,DANGER,ELEC.HAZ.STAY CLR .....  | 2           |
| 17          | 28164GT         | DECAL,NOTICE,HAZARDOUS MAT'LS* .....  | 1           |
| 18          | 28168GT         | DECAL,NOTICE,TIRE PRESSURE .....      | 4           |
| 19          | 97887GT         | DECAL,INSTR,MAX SIDE FRC,ANSI .....   | 1           |
| 20          | 28237GT         | DECAL,ENGINE GAUGES LABEL .....       | 1           |
| 21          | 25690GT         | DECAL,GROUND CONTROLS .....           | 1           |

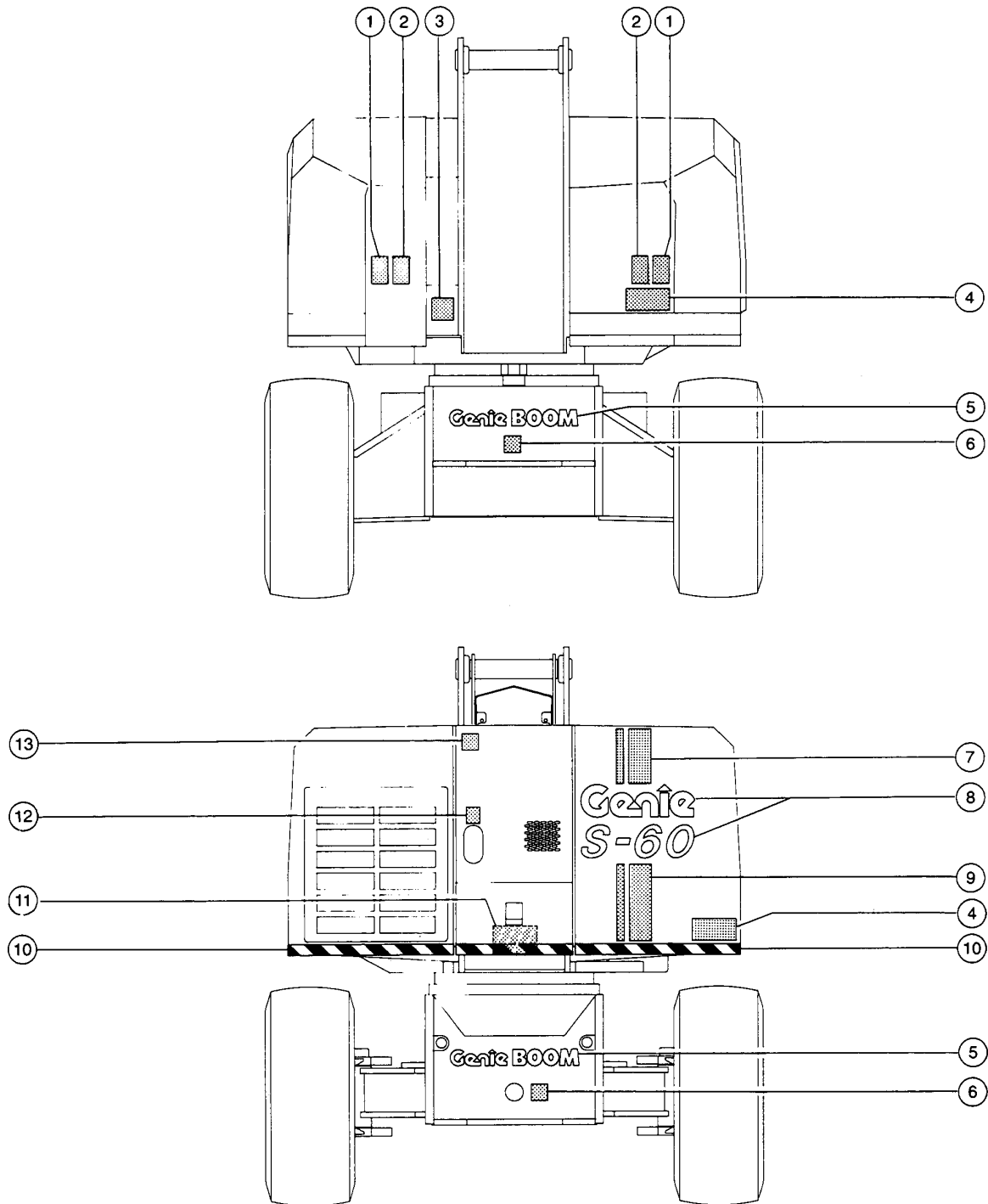
## 101.1 Decals and Paint - Profile View



## 101.1 Decals and Paint - Profile View

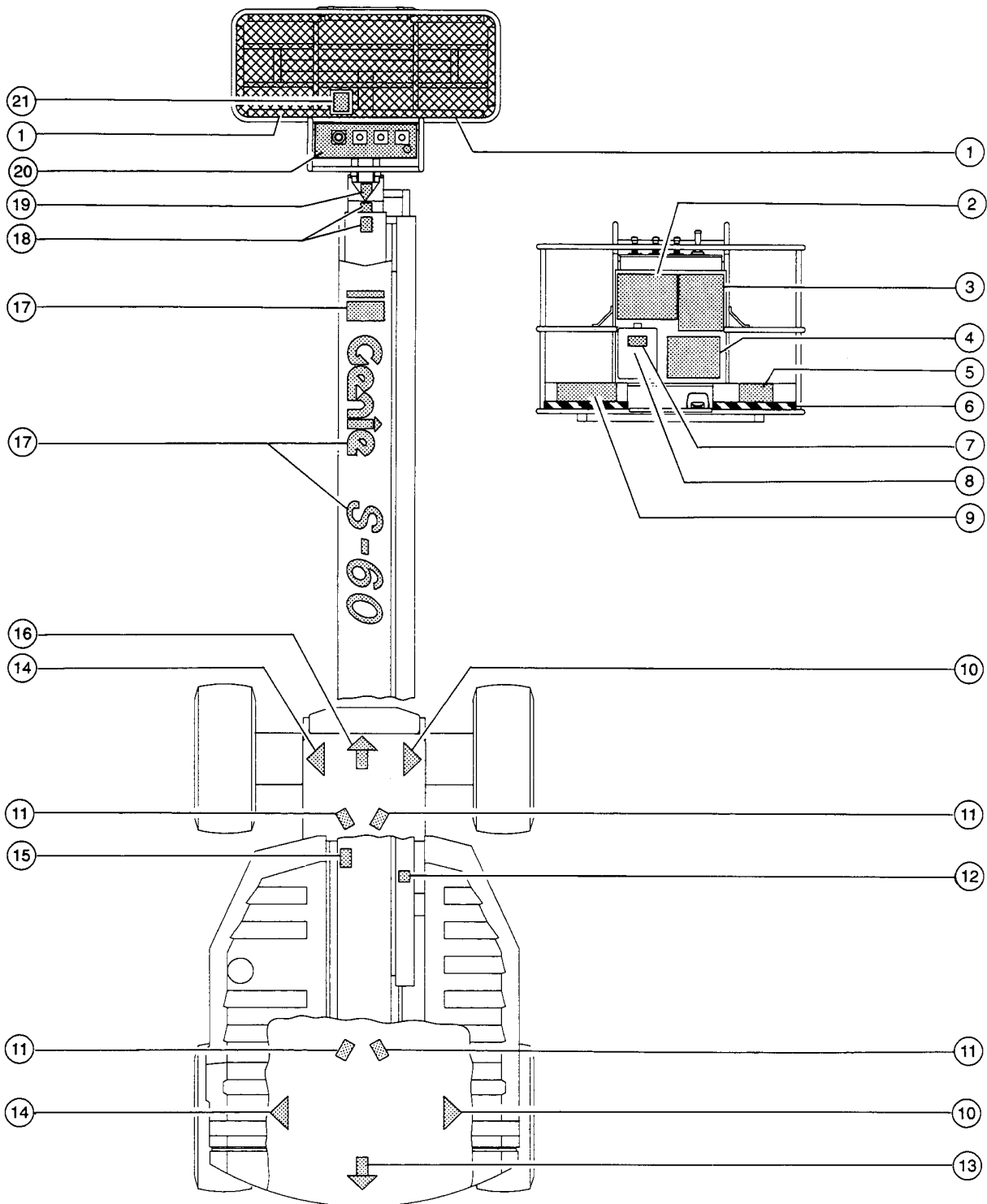
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i>           |
|-------------|-----------------|-------------------------------------|-----------------------|
| 22          | 28865GT         | DECAL,GENIE S-60,5 X 53,WHITE ..... | 1                     |
| 23          | 33550GT         | TAPE,WARNING,BLK/YEL, 50"*** .....  | 125<br>in<br>ch<br>es |
| 24          | 28157GT         | DECAL,USE DEXRON*** .....           | 1                     |
| 25          | 28158GT         | DECAL,LABEL,UNLEADED GAS ONLY ..... | 2                     |
| 25          | 28159GT         | DECAL,LABEL,DIESEL FUEL .....       | 2                     |
| 26          | 28171GT         | DECAL,DANGER,NO SMOKING *** .....   | 2                     |
| 27          | 28870GT         | DECAL,STRIPE,26.75",BLUE .....      | 1                     |
| 28          | 28869GT         | DECAL,GENIE S-60,25",WHITE .....    | 1                     |
| 29          | 28172GT         | DECAL,WARNING,PINCH ROTATE .....    | 1                     |

## 102.1 Decals and Paint - End View



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i>          |
|-------------|-----------------|---------------------------------------|----------------------|
|             | 27573GT         | DECAL KIT,INSTRUCTIONAL,S60 .....     |                      |
|             | 28863GT         | DECAL KIT,COSMETIC,S60 .....          |                      |
|             | 32150GT         | PAINT, WET, GENIE BLUE (1 GL)** ..... |                      |
|             | 1484GT          | PAINT, AEROSOL, BRIGHT BLUE*** .....  |                      |
|             | 32151GT         | PAINT, WET, GENIE GRAY (1GL)** .....  |                      |
|             | 1268GT          | PAINT, AEROSOL, GENIE GRAY*** .....   |                      |
| 1           | 28171GT         | DECAL,DANGER,NO SMOKING *** .....     | 2                    |
| 2           | 28160GT         | DECAL,LABEL,LIQUID PROPANE .....      | 2                    |
| 3           | 28173GT         | DECAL,WARN,STAY CLEAR MAST .....      | 1                    |
| 4           | 27564GT         | DECAL,DANGER,ELEC.HAZ.STAY CLR .....  | 2                    |
| 5           | 52968GT         | DECAL,COSMETIC,GENIE BOOM,VERT .....  | 2                    |
| 6           | 28242GT         | DECAL,TIE DOWN POINTS .....           | 2                    |
| 7           | 28873GT         | DECAL,STRIPE,10",BLUE .....           | 1                    |
| 8           | 28874GT         | DECAL,GENIE S-60,13 X 28,WHITE .....  | 1                    |
| 9           | 28875GT         | DECAL,STRIPE,14",BLUE .....           | 1                    |
| 10          | 33550GT         | TAPE,WARNING,BLK/YEL, 50"*** .....    | 93<br>in<br>ch<br>es |
| 11          | 28170GT         | DECAL,DANGER,BATT SAFE BOOM .....     | 1                    |
|             |                 | Concealed from View                   |                      |
| 12          | 28235GT         | DECAL, POWER TO PLATFORM 115V** ..... | 1                    |
| 12          | 28174GT         | DECAL, POWER TO PLATFORM 230V** ..... | 1                    |
| 13          | 28179GT         | DECAL,WARN,DON'T ALTER LIMIT .....    | 1                    |

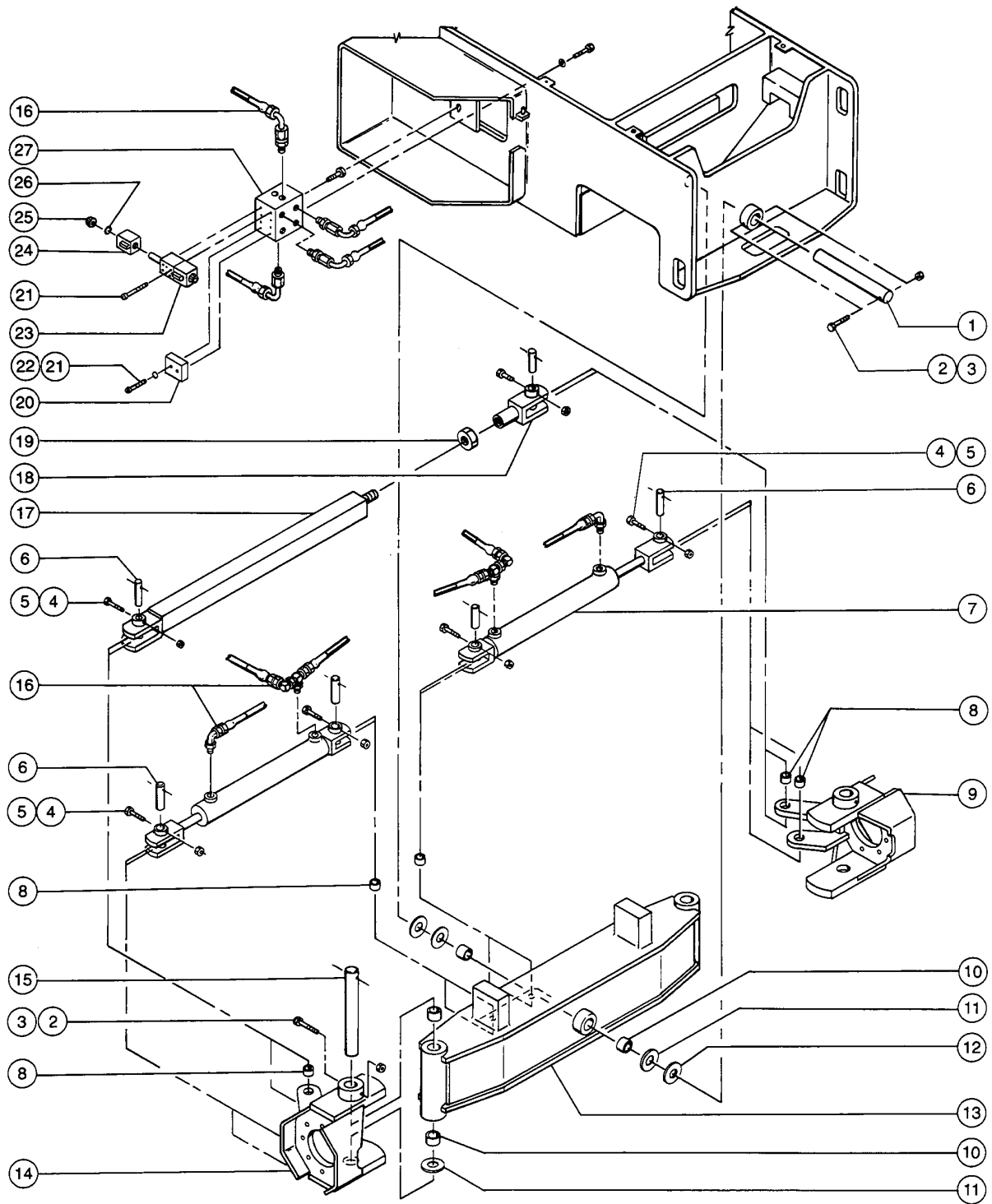
### 103.1 Decals and Paint - Top View and Platform



## 103.1 Decals and Paint - Top View and Platform

| Item | Part No. | Description                           | Qty.                  |
|------|----------|---------------------------------------|-----------------------|
|      | 27573GT  | DECAL KIT,INSTRUCTIONAL,S60 .....     |                       |
|      | 28863GT  | DECAL KIT,COSMETIC,S60 .....          |                       |
|      | 32150GT  | PAINT, WET, GENIE BLUE (1 GL)** ..... |                       |
|      | 1484GT   | PAINT, AEROSOL, BRIGHT BLUE*** .....  |                       |
|      | 32151GT  | PAINT, WET, GENIE GRAY (1GL)** .....  |                       |
|      | 1268GT   | PAINT, AEROSOL, GENIE GRAY*** .....   |                       |
| 1    | 28177GT  | DECAL,WARN,CRUSH HAZARD PLAT .....    | 2                     |
| 2    | 28166GT  | DECAL,DANGER,SAFETY RULES .....       | 1                     |
| 3    | 27569GT  | DECAL,NOTICE,PRE-OPERATION .....      | 1                     |
| 4    | 28167GT  | DECAL,NOTICE,OPER.ISTR.(GRND) .....   | 1                     |
| 5    | 97887GT  | DECAL,INSTR,MAX SIDE FRC,ANSI .....   | 1                     |
| 6    | 33550GT  | TAPE,WARNING,BLK/YEL, 50"*** .....    | 125<br>in<br>ch<br>es |
| 7    | 28236GT  | DECAL,WARN,IMPROPER OPERATION .....   | 1                     |
| 8    | 28176GT  | DECAL,LABEL,MANUAL NOT HERE .....     | 1                     |
| 9    | 28169GT  | DECAL,NOTICE,MAX.LOAD 660 LBS .....   | 1                     |
| 10   | 27206GT  | DECAL,TRIANGLE,BLUE .....             | 2                     |
| 11   | 28178GT  | DECAL,WARN,SHEAR TURNTABLE .....      | 4                     |
| 12   | 28179GT  | DECAL,WARN,DON'T ALTER LIMIT .....    | 1                     |
| 13   | 27204GT  | DECAL,ARROW BLUE .....                | 1                     |
| 14   | 27207GT  | DECAL,TRIANGLE,YELLOW .....           | 2                     |
| 14   | 28161GT  | DECAL,WARN,CRUSH HAZARD HAND .....    | 1                     |
| 16   | 27205GT  | DECAL,ARROW YELLOW LRG 9" .....       | 1                     |
| 17   | 28864GT  | DECAL,GENIE S-60,13 X 114,WHIT .....  | 1                     |
| 18   | 28241GT  | DECAL,CAUTION,WEAR PADS .....         | 2                     |
| 19   | 28181GT  | DECAL,WARN,FALL HAZARD .....          | 1                     |
| 20   | 25716GT  | DECAL,PLAT.,CONTROL,S-60 .....        | 1                     |
| 21   | 28165GT  | DECAL,INSTRUCT,FOOTSWITCH OPER .....  | 1                     |

201.1 2WD Steer Linkage / Non-oscillating Axle

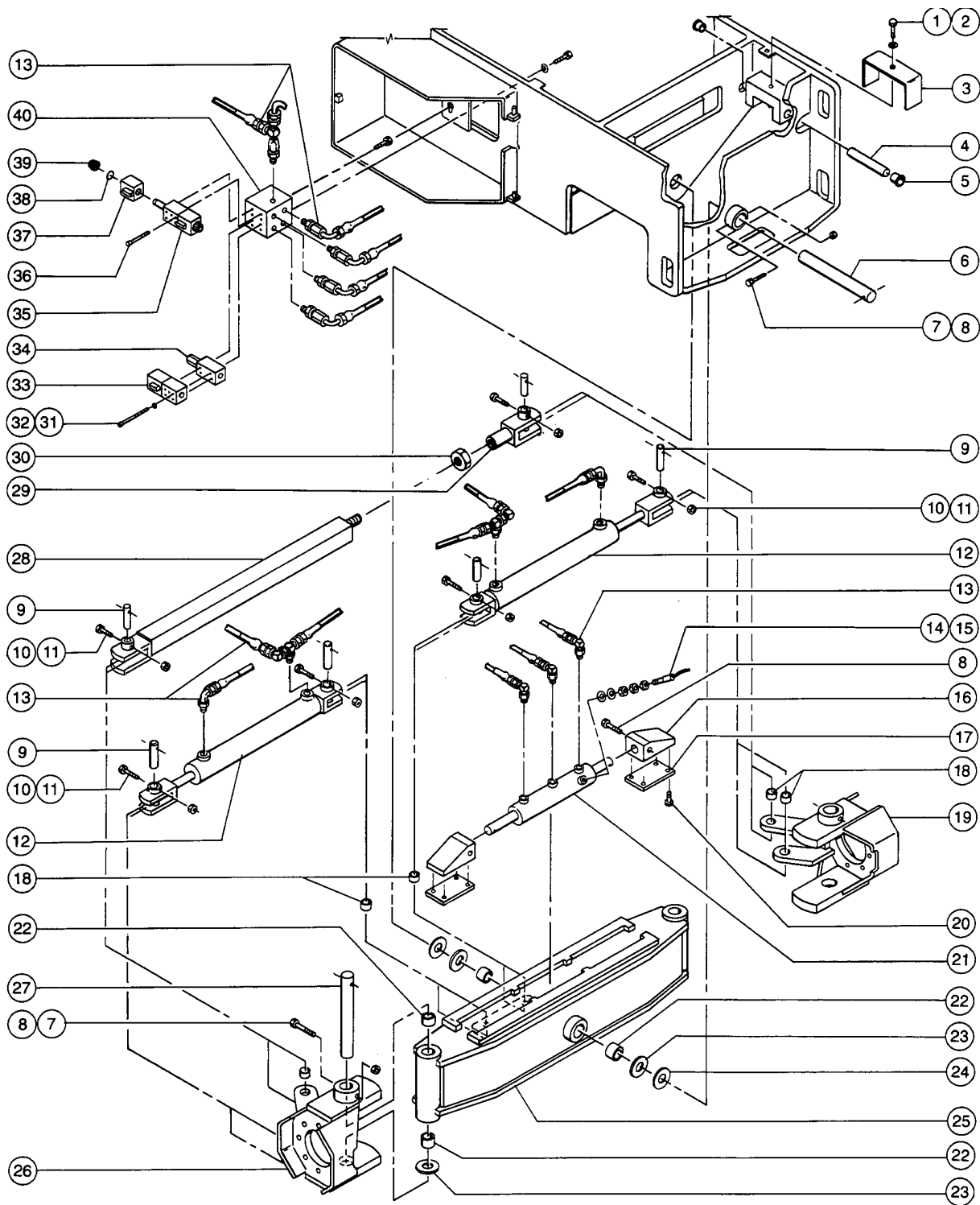




## 201.1 2WD Steer Linkage / Non-oscillating Axle

| Item | Part No. | Description                                                          | Qty.     |
|------|----------|----------------------------------------------------------------------|----------|
| 1    | 36370GT  | PIN,2.50DIAX15.00LG,1HOLE .....                                      | 1        |
| 2    | 8220GT   | SCREW,HHC,1/2-13 X 4 .....                                           | 5        |
| 3    | 6198GT   | NUT, NYLOCK, 1/2-13 .....                                            | 3        |
| 4    | 6708GT   | SCREW,HHC,3/8-16 X 2.25 .....                                        | 6        |
| 5    | 4828GT   | NUT, NYLOCK, 3/8-16 .....                                            | 6        |
| 6    | 25419GT  | PIN,STEER .....                                                      | 6        |
| 7    | 53462GT  | STEER. CYL. RETRO FIT KIT Z60 .....                                  | 2        |
| 7    | 29183GT  | SEAL KIT,25212,25217,25372,S60 .....                                 | 2        |
| 8    | 27694GT  | BEARING,1.25 ID X 1.41 OD X 1" .....                                 | 6        |
| 9    | 29213GT  | YOKE ASSY,2/4WD,L.S.,S60/Z60<br>includes 2 each index number 8 ..... | 1        |
| 10   | 27698GT  | BEARING,2.50IDX2.75ODX2.00L .....                                    | 6        |
| 11   | 25436GT  | WASHER,THRUST,2.56 X 4.0 X .18 .....                                 | 4        |
| 12   | 29746GT  | WASHER,FLAT,2.5 X 4 X .062 .....                                     | 2        |
| 13   | 29571GT  | FRONT AXLE ASSY,NON-OSC,S60<br>includes index numbers 8 & 10 .....   | 1        |
| 14   | 29214GT  | YOKE ASSY,2/4WD,R.S.,S60/Z60<br>includes 2 each index number 8 ..... | 1        |
| 15   | 25418GT  | PIN,KING .....                                                       | 2        |
| 16   |          | Ref. Hydraulic Hoses & Fittings<br>refer to section 206.1 .....      | 2        |
| 17   | 29210GT  | TIE ROD, WELD. S60 .....                                             | 1        |
| 18   | 29211GT  | WELDMENT,ROD END .....                                               | 1        |
| 19   | 27953GT  | NUT,HEX,JAM,1.25-7 .....                                             | 1        |
| 20   | 27558GT  | COVER PLATE,MANIFOLD,NON-OSCIL .....                                 | 1        |
| 21   | 45916GT  | SCREW,SHC,10-24 X 1.250 (D01) .....                                  | 8        |
| 22   | 6607GT   | WASHER,LOCK,#10 PLTD .....                                           | 4        |
| 23   | 146160GT | VALVE KIT,D03<br>includes index numbers 24 - 26 .....                | Re<br>f. |
| 24   | 223763GT | COIL WITH DE CONNECTOR .....                                         | Re<br>f. |
| 25   | 45913GT  | NUT,DO1 VALVE .....                                                  | Re<br>f. |
| 26   | 45914GT  | O-RING, DO1 VALVE .....                                              | Re<br>f. |
| 27   | 27385GT  | MANIFOLD,STEER/OSCILLATION<br>includes index number 23 .....         | 1        |

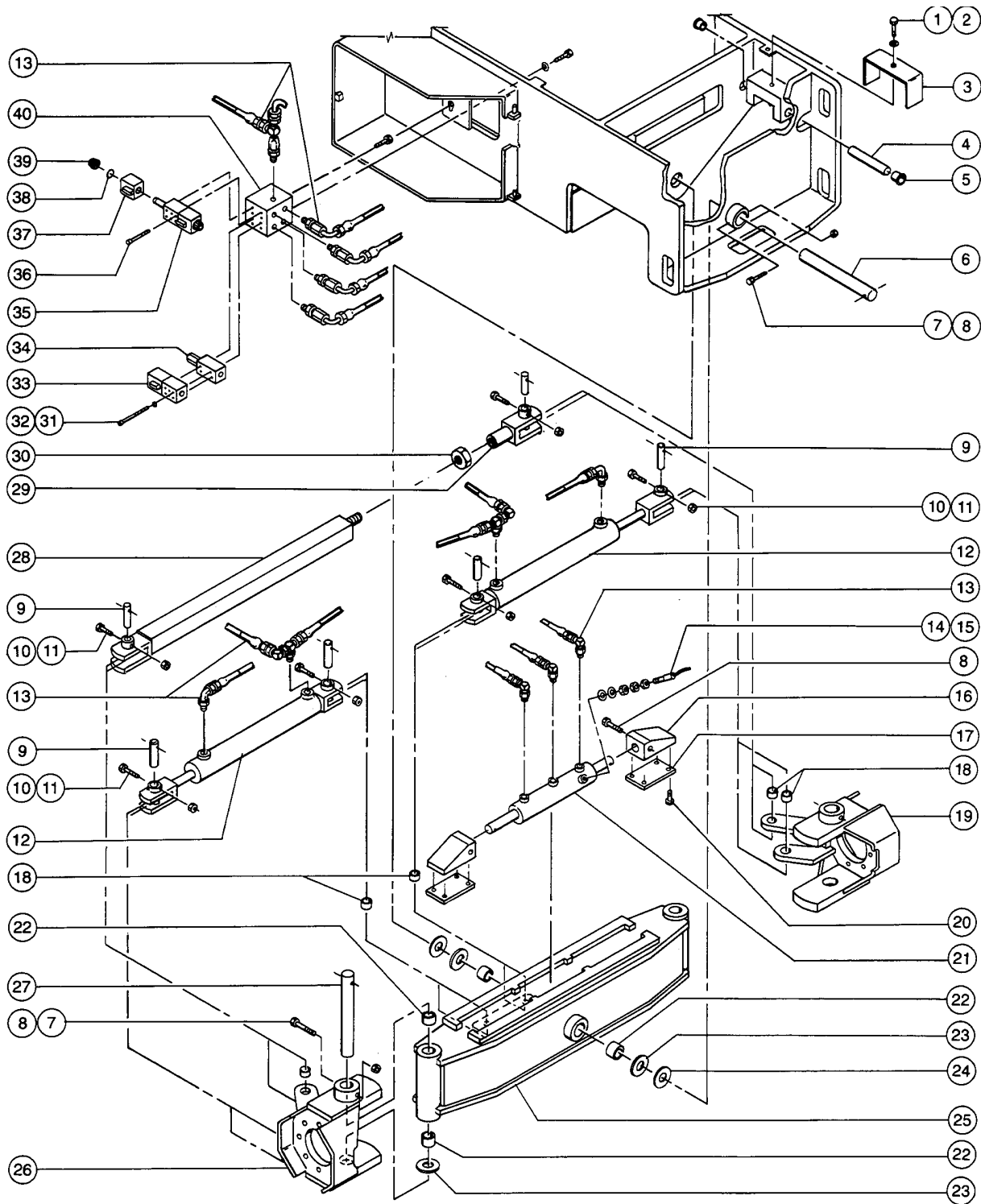
202.1 2WD Steer Linkage / Oscillating Axle



## 202.1 2WD Steer Linkage / Oscillating Axle

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 10587GT  | SCREW,HHC,1/2-13 X.75 .....           | 2    |
| 2    | 6033GT   | WASHER,LOCK,0.5" .....                | 2    |
| 3    | 27656PGT | RETAINER,AXLE ROLLER PIN,PAI .....    | 2    |
| 4    | 25769GT  | PIN,OSCILLATING,ROLLR,8 X 1.75 .....  | 2    |
| 5    | 27695GT  | BEARING,FL,1.75IDX1.94ODX1.50L .....  | 4    |
| 6    | 36370GT  | PIN,2.50DIA X15.00LG,1HOLE .....      | 1    |
| 7    | 8220GT   | SCREW,HHC,1/2-13 X 4 .....            | 5    |
| 8    | 6198GT   | NUT, NYLOCK, 1/2-13 .....             | 3    |
| 9    | 25419GT  | PIN,STEER .....                       | 6    |
| 10   | 4828GT   | NUT, NYLOCK, 3/8-16 .....             | 6    |
| 11   | 6708GT   | SCREW,HHC,3/8-16 X 2.25 .....         | 6    |
| 12   | 53462GT  | STEER. CYL. RETRO FIT KIT Z60 .....   | 2    |
| 12   | 29183GT  | SEAL KIT,25212,25217,25372,S60 .....  | 2    |
| 13   |          | Ref. Hydraulic Hoses & Fittings ..... | 2    |
|      |          | refer to section 207.1                |      |
| 14   | 27721GT  | SWITCH,PROXIMITY .....                | 1    |
| 15   | 28620GT  | NUT,SEALING,PROXIMITY SWITCH .....    | 1    |
| 16   | 25404GT  | BLOCK,WEDGE,OSC.AXLE .....            | 2    |
| 17   | 25416GT  | WEAR PAD,OSCILLATING AXLE, S60 .....  | 2    |
| 18   | 27694GT  | BEARING,1.25 ID X 1.41 OD X 1" .....  | 6    |
| 19   | 29213GT  | YOKE ASSY,2/4WD,L.S.,S60/Z60 .....    | 1    |
|      |          | includes 2 each index number 18       |      |
| 20   | 16439GT  | SCREW,FHS,3/8-16 X 1 .....            | 8    |
| 21   |          | CYLINDER,OSCILL.AXLE,3.5 X5.75 .....  | 1    |
|      |          | Part is no longer available           |      |
| 21   | 29186GT  | SEAL KIT,25373 OSC.CYL,S60 .....      | 1    |
| 22   | 27698GT  | BEARING,2.50IDX2.75ODX2.00L .....     | 6    |
| 23   | 25436GT  | WASHER,THRUST,2.56 X 4.0 X.18 .....   | 4    |
| 24   | 29746GT  | WASHER,FLAT,2.5 X 4 X .062 .....      | 2    |
| 25   |          | FRONT AXLE ASSY,S60,Z60 .....         | 1    |
|      |          | includes index numbers 18 & 22        |      |
| 26   | 29214GT  | YOKE ASSY,2/4WD,R.S.,S60/Z60 .....    | 1    |
|      |          | includes 2 each index number 18       |      |

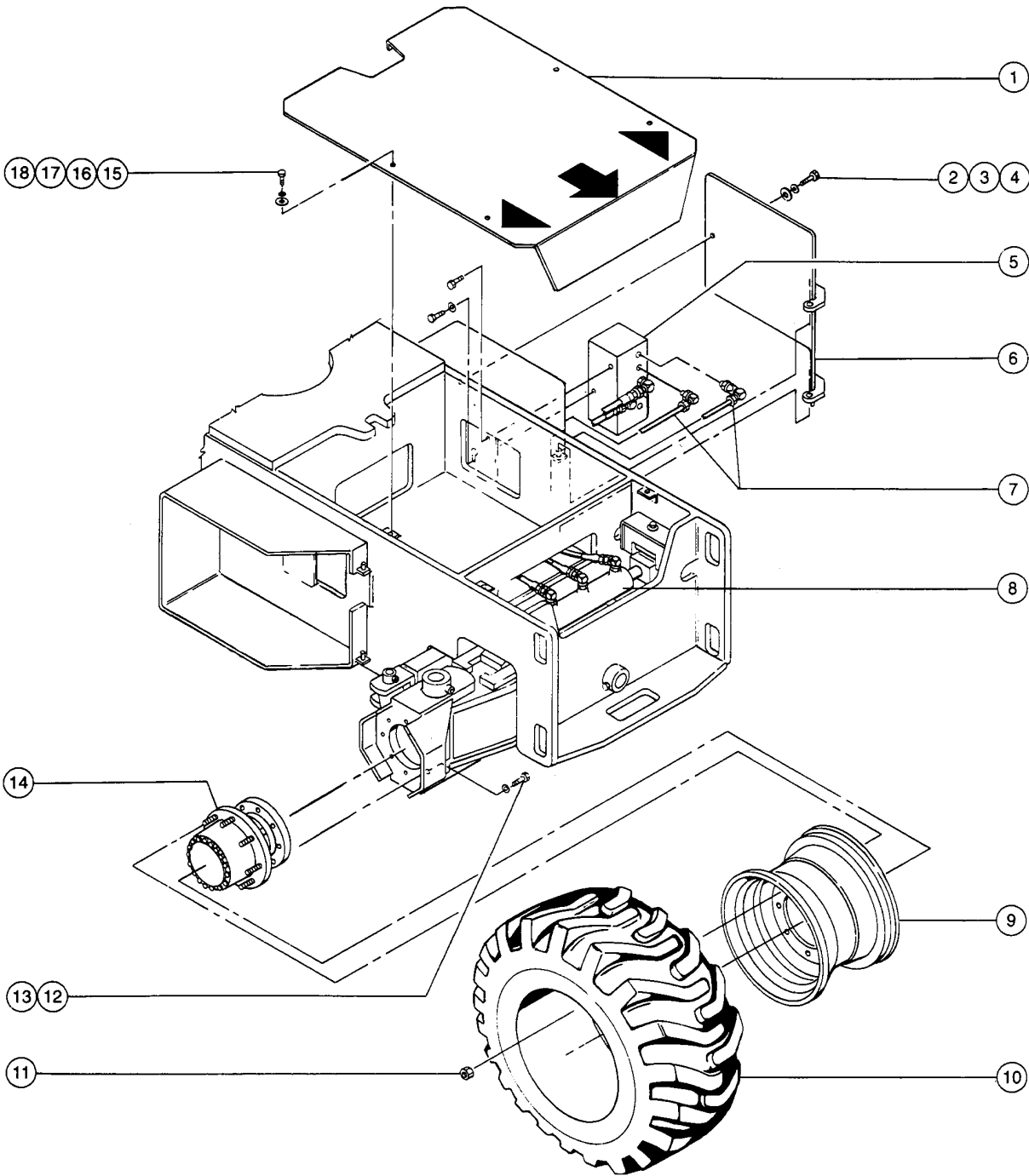
202.1 2WD Steer Linkage / Oscillating Axle



## 202.1 2WD Steer Linkage / Oscillating Axle

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 27   | 25418GT  | PIN,KING .....                      | 2    |
| 28   | 29210GT  | TIE ROD, WELD. S60 .....            | 1    |
| 29   | 29211GT  | WELDMENT,ROD END .....              | 1    |
| 30   | 27953GT  | NUT,HEX,JAM,1.25-7 .....            | 1    |
| 31   | 29508GT  | SCREW,SHC,10-24 X 2.75 .....        | 4    |
| 32   | 6607GT   | WASHER,LOCK,#10 PLTD .....          | 4    |
| 33   | 27559GT  | VALVE,DO1,MANIFOLD,OSCIL.OPT .....  | 1    |
|      |          | includes index numbers 37 - 39      |      |
| 34   |          | MANIFOLD,250# SANDWCH REL BLK ..... | 1    |
|      |          | Part is no longer available         |      |
| 34   | 29570GT  | VALVE,RELIEF 200 PSI .....          | 1    |
| 35   | 146160GT | VALVE KIT,D03 .....                 | 1    |
|      |          | includes index numbers 37 - 39      |      |
| 36   | 45916GT  | SCREW,SHC,10-24 X 1.250 (D01) ..... | 4    |
| 37   | 223763GT | COIL WITH DE CONNECTOR .....        | 3    |
| 38   | 45914GT  | O-RING, DO1 VALVE .....             | 3    |
| 39   | 45913GT  | NUT,DO1 VALVE .....                 | 3    |
| 40   | 27385GT  | MANIFOLD,STEER/OSCILLATION .....    | 1    |
|      |          | includes index number 35            |      |

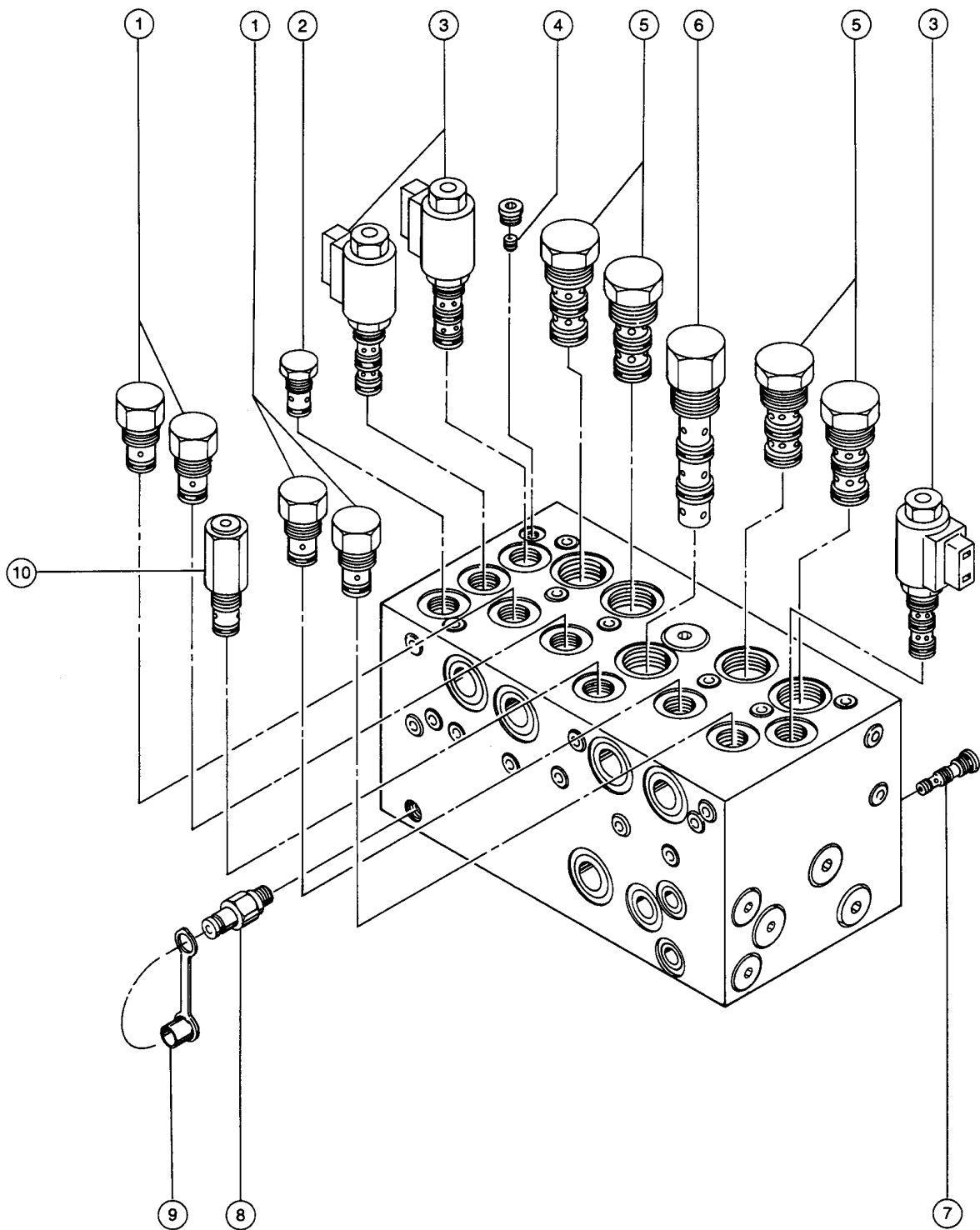
203.1 2WD Front Wheel Installation



## 203.1 2WD Front Wheel Installation

| Item | Part No. | Description                                                                                                                                                                                       | Qty. |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 29215GT  | COVER W/DECALS,FR.DR.CHASS,S60 .....                                                                                                                                                              | 1    |
| 2    | 6175GT   | SCREW,HHC,3/8-16 X 1 .....                                                                                                                                                                        | 2    |
| 3    | 6021GT   | WASHER, LOCK, .375 .....                                                                                                                                                                          | 2    |
| 4    | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                                                                                                                                                                  | 2    |
| 5    | 34448GT  | TRACTION MANIFOLD,2WD*** .....                                                                                                                                                                    | 2    |
| 6    | 29217GT  | COVER W/DECALS,SIDE DR.CHS,S60 .....                                                                                                                                                              | 1    |
| 7    |          | Ref. Hydraulic Hoses & Fittings<br>refer to sections 206.1 and 207.1 .....                                                                                                                        | 1    |
| 8    |          | Ref. 2WD Steer Linkage / Oscillating Axle<br>refer to section 202.1 .....                                                                                                                         | 1    |
| 9    | 73259GT  | WHEEL,19.5 X 11.75***<br>(replaced 27463, 19.5 x 12.2) .....                                                                                                                                      | 2    |
| 9B   | 73257GT  | TIRE & WHEEL ASSY: AIR<br>(air filled, right) (replaced 25767 and 33400) .....                                                                                                                    | 2    |
| 9B-  | 73258GT  | TIRE & WHEEL ASSY: AIR<br>(air filled, left) (replaced 25768 and 33401) .....                                                                                                                     | 2    |
| 9C   | 73260GT  | TIRE & WHEEL ASSY,FOAM***<br>(foam filled, right) (replaced 25765 and 33402) .....                                                                                                                | 2    |
| 9C-  | 73261GT  | TIRE & WHEEL ASSY,FOAM***<br>(foam filled, left) (replaced 25766 and 33403) .....                                                                                                                 | 2    |
| 10   | 73185GT  | TIRE,38/65D-19.5,16PLY,OTR*<br>(by Blackstone 15 x 19.5) (replaced 25766, Goodyear 15 x 19.5 and 33403, Firestone 15 x 19.5) .....                                                                | 2    |
| 11   | 54627GT  | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                                                                                                                                              | 18   |
| 12   | 27006GT  | SCREW,SHC,M16 X 40MM,BLACK<br>to SN 151 .....                                                                                                                                                     | 14   |
| 12   | 28117GT  | SCREW,SHC,5/8-11 X 1.5<br>from SN 152 .....                                                                                                                                                       | 14   |
| 13   | 13064GT  | WASHER,FLAT,.625 HARDENED .....                                                                                                                                                                   | 14   |
| 14   | 31122GT  | UPDATE KIT,FRONT HUB,S60 2WD<br>The mounting threads on this item changed, replace fasteners (quantity 14 of index number 12 Part No. 28117) on machines prior to serial number S-60-000152 ..... | 2    |
| 14   | 21166GT  | LUG BOLT,5/8-18,WHEEL HUB*** .....                                                                                                                                                                | 2    |
| 15   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                                                                                                                                                    | 4    |
| 16   | 6356GT   | WASHER, LOCK, .25 .....                                                                                                                                                                           | 4    |
| 17   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                                                                                                                                                    | 4    |
| 18   | 56912GT  | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                                                                                                                                                         | 4    |

204.1 2WD Traction Manifold

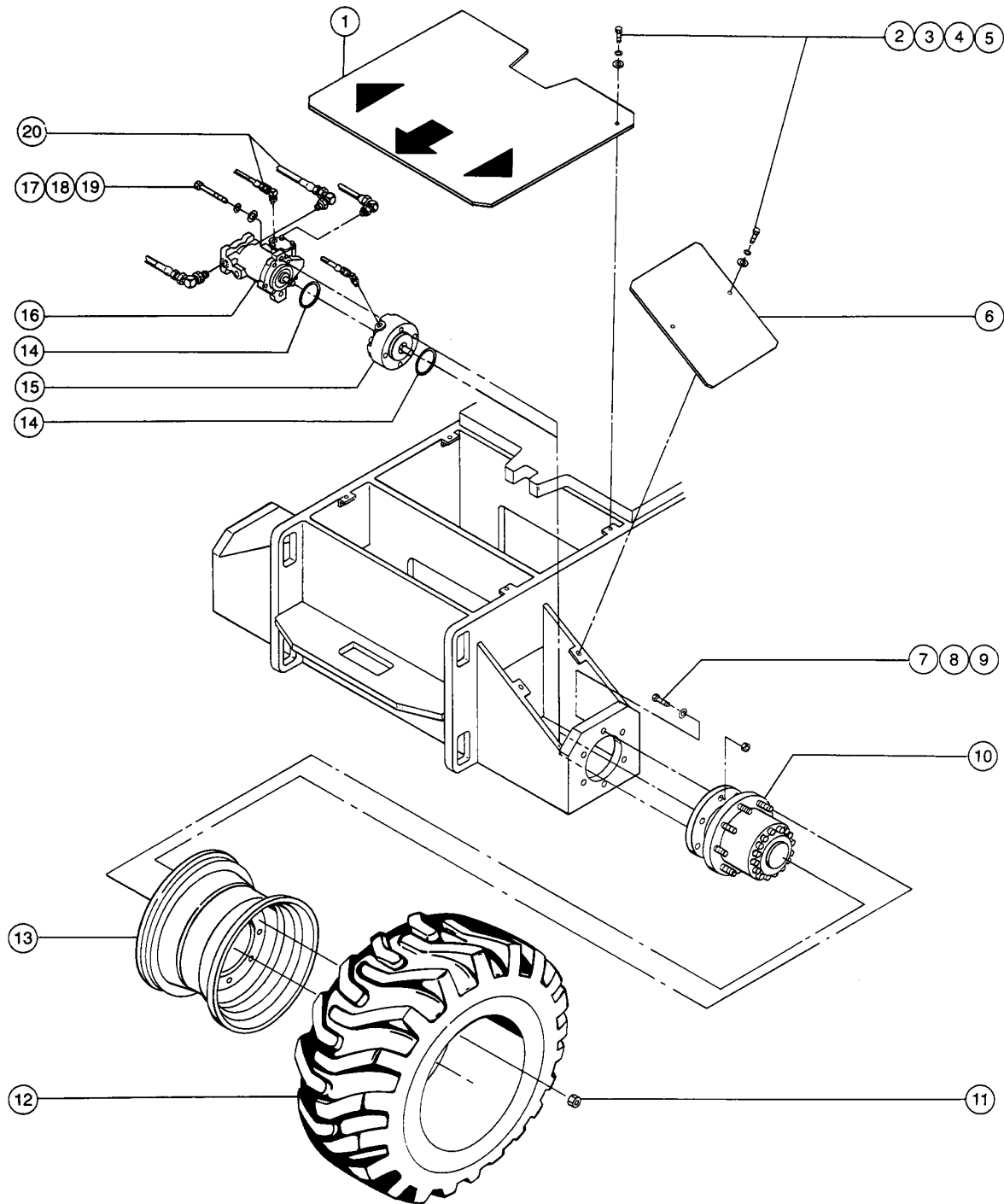




## 204.1 2WD Traction Manifold

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
|             | 34448GT         | TRACTION MANIFOLD,2WD*** .....       |             |
|             | 25375GT         | KIT, O-RING .....                    |             |
| 1           | 27766GT         | VALVE,FLOW REGULATOR .....           | 4           |
| 1-          | 110194GT        | SEAL KIT, VALVE, #10 .....           |             |
| 2           | 27759GT         | VALVE,CHECK .....                    | 1           |
| 2           | 74902GT         | SEAL KIT, VALVE .....                |             |
| 3           | 29066GT         | VALVE,SOLENOID,10V,2POS 3WAY** ..... | 3           |
| 3           | 27814GT         | COIL,SOLENOID,10V .....              | 3           |
| 3           | 45912GT         | NUT,SOLENOID VALVE 2P3W .....        | 3           |
| 3           | 72043GT         | SEAL KIT,SOLENOID VALVE .....        |             |
| 4           | 27758GT         | PLUG,0.036 ORIFICE .....             | 1           |
| 5           | 27763GT         | VALVE,PILOT TO OPEN CHECK .....      | 4           |
| 6           | 27761GT         | VALVE,SHUTTLE .....                  | 1           |
| 6           | 84134GT         | SEAL KIT, VALVE .....                |             |
| 7           | 45483GT         | VALVE,SHUTTLE*** .....               | 1           |
| 8           | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....           | 1           |
| 8           | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....      | 1           |
| 9           | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....          | 1           |
| 10          | 27760GT         | VALVE,RELIEF .....                   | 1           |
| 10          | 110194GT        | SEAL KIT, VALVE, #10 .....           |             |

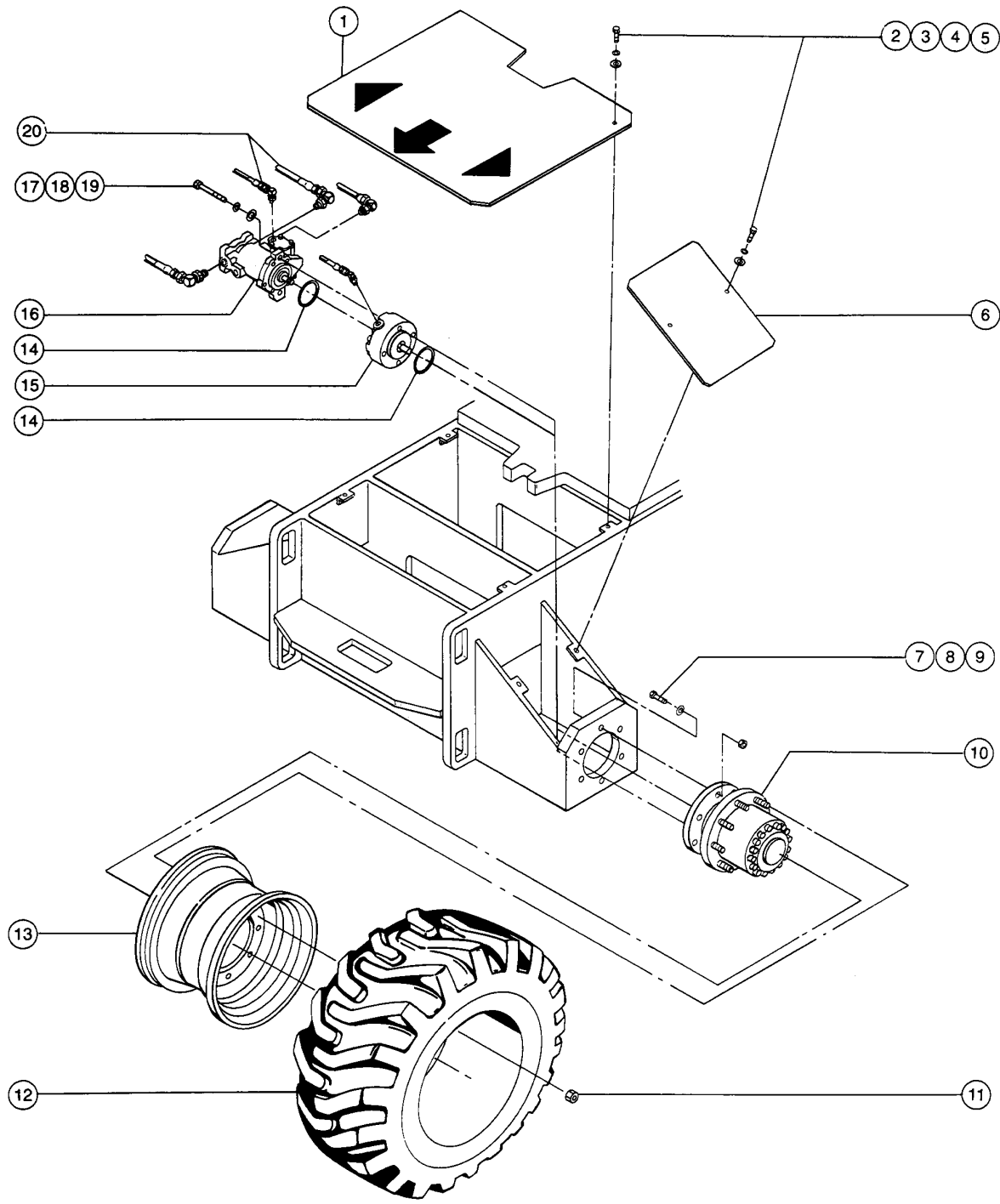
205.1 2WD Rear Wheel Drive



## 205.1 2WD Rear Wheel Drive

| Item | Part No. | Description                                                                                                                        | Qty. |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | 29216GT  | COVER W/DECALS,RR.DR.CHAS,S60 .....                                                                                                | 1    |
| 2    | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                                                                                     | 6    |
| 3    | 6356GT   | WASHER, LOCK, .25 .....                                                                                                            | 6    |
| 4    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                                                                                     | 6    |
| 5    | 56912GT  | SPRING CLIP, 1/4-20,.025-.15X.54,ZAG .....                                                                                         | 6    |
| 6    | 25770PGT | COVER,REAR AXLE,PAINTED,S60 .....                                                                                                  | 2    |
| 7    | 45495GT  | SCREW,SHC,5/8-11 X 3.00,A574 .....                                                                                                 | 6    |
| 8    | 13064GT  | WASHER,FLAT,.625 HARDENED .....                                                                                                    | 6    |
| 9    | 45076GT  | NUT,HEX,JAM,5/8-11 .....                                                                                                           | 6    |
| 10   | 29231GT  | TORQUE HUB,49:1 .....                                                                                                              | 2    |
| 10-  | 21166GT  | LUG BOLT,5/8-18,WHEEL HUB*** .....                                                                                                 | 2    |
| 10-  | 29288GT  | SEAL KIT,FAIRFIELD,W2B2 .....                                                                                                      | 2    |
| 10-  | 226099GT | THRUST WASHER (29231) .....                                                                                                        |      |
| 10-  | 226100GT | BEARING NUT (29231) .....                                                                                                          |      |
| 11   | 54627GT  | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                                                                               | 18   |
| 12   | 73259GT  | WHEEL,19.5 X 11.75***<br>(replaced 27463, 19.5 x 12.2) .....                                                                       | 2    |
| 12A- | 73257GT  | TIRE & WHEEL ASSY: AIR<br>(air filled, right) (replaced 25767 and 33400) .....                                                     | 2    |
| 12B- | 73258GT  | TIRE & WHEEL ASSY: AIR<br>(air filled, left) (replaced 25768 and 33401) .....                                                      | 2    |
| 12B- | 73260GT  | TIRE & WHEEL ASSY,FOAM***<br>(foam filled, right) (replaced 25765 and 33402) .....                                                 | 2    |
| 12C  | 73261GT  | TIRE & WHEEL ASSY,FOAM***<br>(foam filled, left) (replaced 25766 and 33403) .....                                                  | 2    |
| 13   | 73185GT  | TIRE,38/65D-19.5,16PLY,OTR*<br>(by Blackstone 15 x 19.5) (replaced 25766, Goodyear 15 x 19.5 and 33403, Firestone 15 x 19.5) ..... | 2    |
| 14   | 22811GT  | O-RING,MOTOR TO BRAKE***<br>measures approx 4" x 0.10" .....                                                                       | 4    |
| 15   | 29230PGT | BRAKE,MICO,PAINTED-S60 DRIVE<br>includes 2 each index number 14 .....                                                              | 2    |
| 15   | 29291GT  | SEAL KIT,MICO .....                                                                                                                | 2    |
| 15   | 29292GT  | BRAKE,LINING KIT,MICO .....                                                                                                        | 2    |
| 15   | 29293GT  | BEARING KIT,MICO .....                                                                                                             | 2    |
| 16   | 29280GT  | DRIVE MOTOR REAR,2WD/11 DEGREE<br>includes 1 each index number 14 .....                                                            | 2    |
| 16   | 29739GT  | SEAL KIT,SAUER-DANFOSS M46*** .....                                                                                                | 2    |

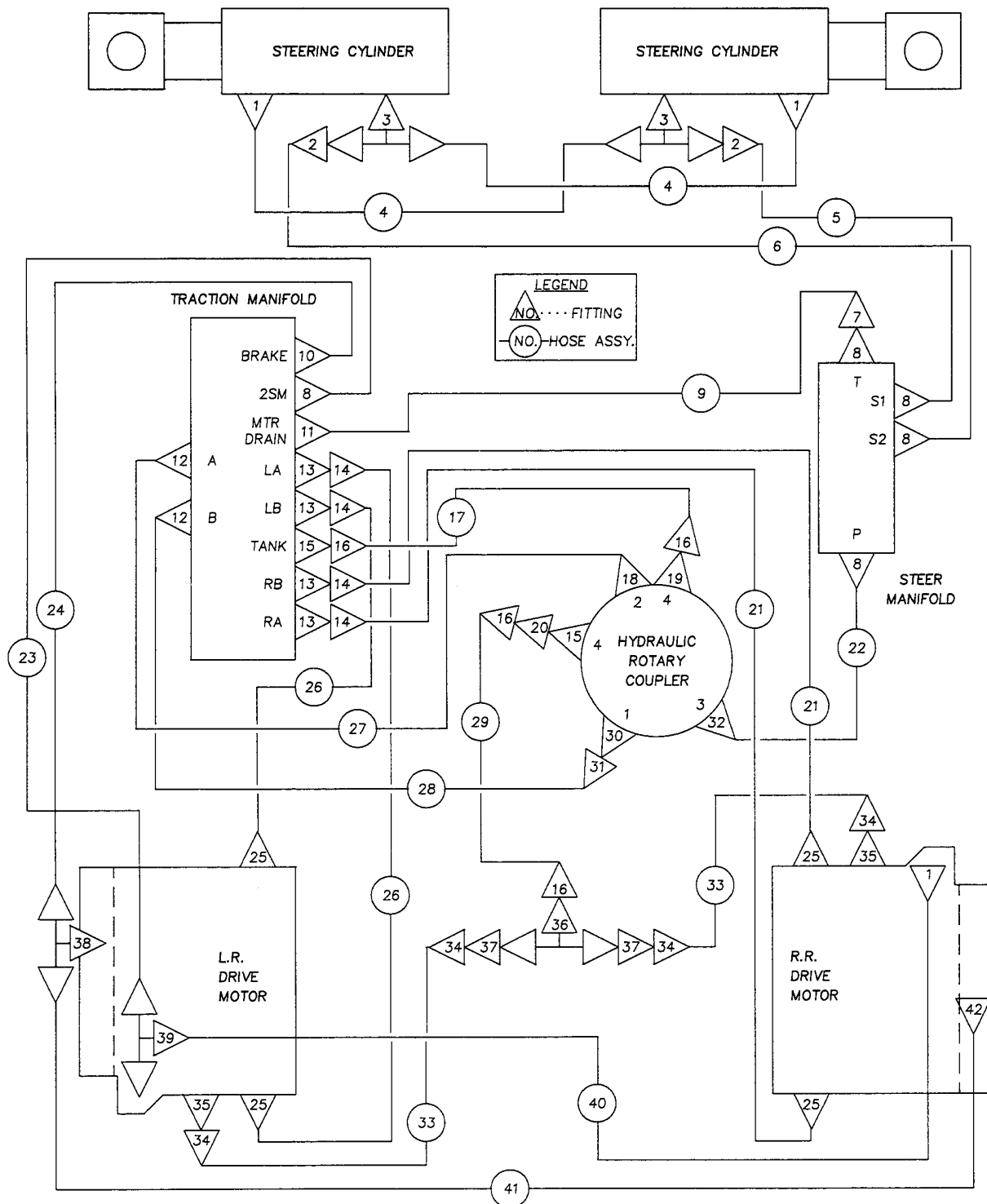
205.1 2WD Rear Wheel Drive



205.1 2WD Rear Wheel Drive

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                             | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------|-------------|
| 17          |                 | Ref. Screw - SHC, 1/2-13 x 5.5 inch GR 5 ..... | 4           |
| 18          |                 | Ref. Washer - Lock, 1/2 inch .....             | 4           |
| 19          |                 | Ref. Washer - Flat, 1/2 inch .....             | 4           |
| 20          |                 | Ref. Hydraulic Hoses & Fittings .....          | 4           |
|             |                 | refer to sections 206.1 and 207.1              |             |

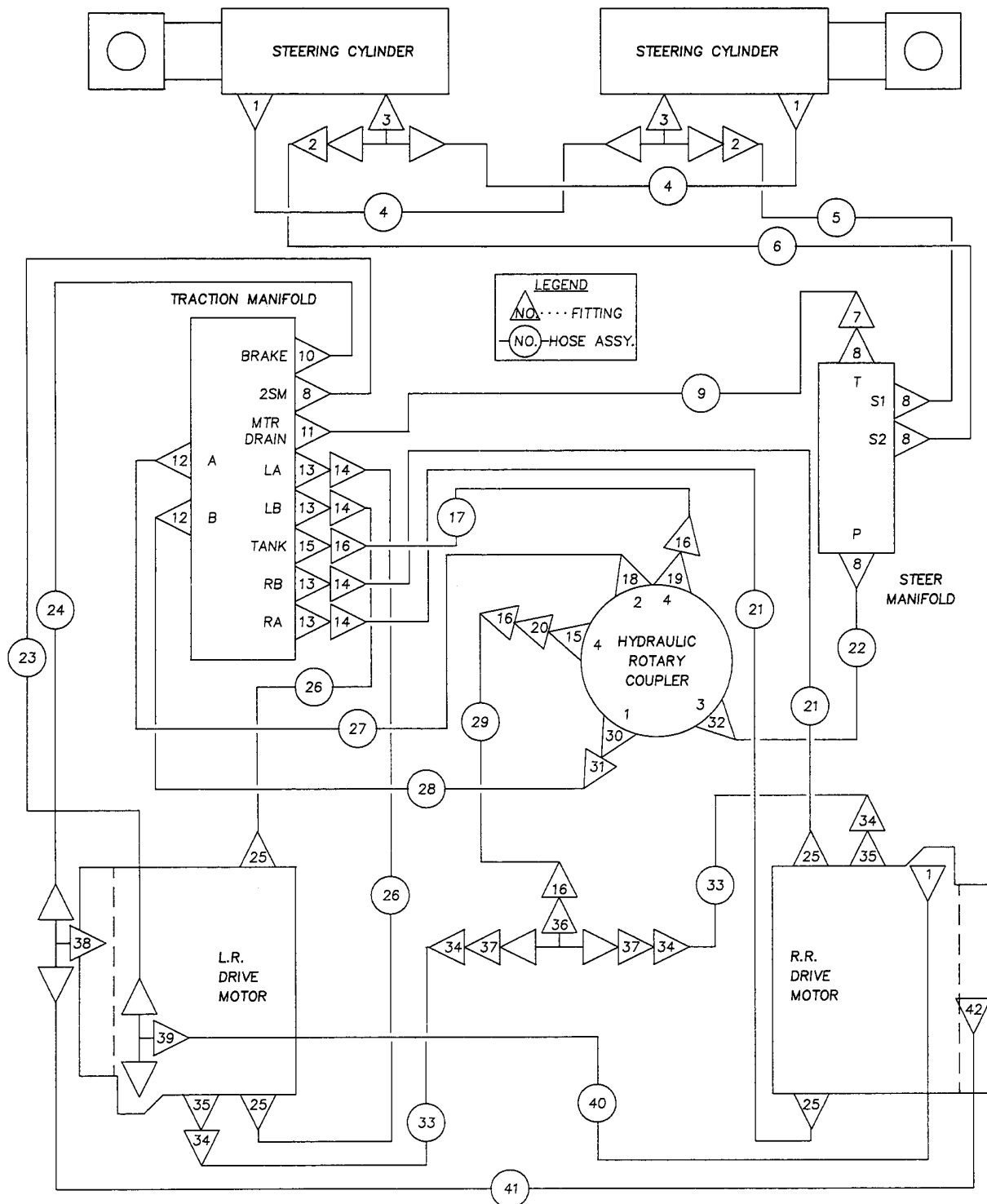
## 206.1 2WD Hydraulic Hoses and Fittings-Drive Chassis, Non-oscillating Axle



## 206.1 2WD Hydraulic Hoses and Fittings-Drive Chassis, Non-oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 13120GT         | ELBOW,070220-6-6 .....                | 3           |
| 2           | 45367GT         | ELBOW,070221-6-6 .....                | 2           |
| 3           | 45705GT         | TEE,BRANCH,070429-6-6 .....           | 2           |
| 4           | 28566GT         | HOSE ASSY,STEER CYL/CROSSOVER .....   | 2           |
| 5           | 28565GT         | HOSE ASSY,STEER MNFLD/RHT.CYL. ....   | 1           |
| 6           | 28564GT         | HOSE ASSY,STEER MNFLD/LFT.CYL. ....   | 1           |
| 7           | 45367GT         | ELBOW,070221-6-6 .....                | 1           |
| 8           | 45412GT         | CONNECTOR,070120-6-6 .....            | 5           |
| 9           | 28563GT         | HOSE ASSY,STEER MNFLD/TRT.MNFD .....  | 1           |
| 10          | 13756GT         | CONNECTOR,070120-4-6 .....            | 1           |
| 11          | 18687GT         | CONNECTOR,070120-6-8 .....            | 1           |
| 12          | 20793GT         | ELBOW,070220-16-16 .....              | 2           |
| 13          | 28598GT         | CONNECTOR,070120-12-8 .....           | 4           |
| 14          | 20716GT         | ELBOW,070321-12-12 .....              | 4           |
| 15          | 19687GT         | CONNECTOR,070120-12-12 .....          | 2           |
| 16          | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....   | 4           |
| 17          | 28568GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD .....    | 1           |
| 18          | 20709GT         | CONNECTOR,070120-16-16 .....          | 1           |
| 19          | 20925GT         | ELBOW,070220-12-12 .....              | 1           |
| 20          | 21246GT         | ELBOW,070221-12-12 .....              | 1           |
| 21          | 28554GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT .....  | 2           |
| 22          | 28562GT         | HOSE ASSY,ROTATOR/STEER.MNFOLD .....  | 1           |
| 23          | 28558GT         | HOSE ASSY,TRCT.MNFD/LH.2SPEED .....   | 1           |
| 24          | 28556GT         | HOSE ASSY,TRCTN.MNFLD/LH BRAKE .....  | 1           |
| 25          | 20332GT         | ELBOW,070220-12-16 .....              | 4           |
| 26          | 28555GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT .....  | 2           |
| 27          | 28553GT         | HOSE ASSY,ROTTR/TRCT MNFLD"A" .....   | 1           |
| 28          | 28567GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD"B" ..... | 1           |

## 206.1 2WD Hydraulic Hoses and Fittings-Drive Chassis, Non-oscillating Axle

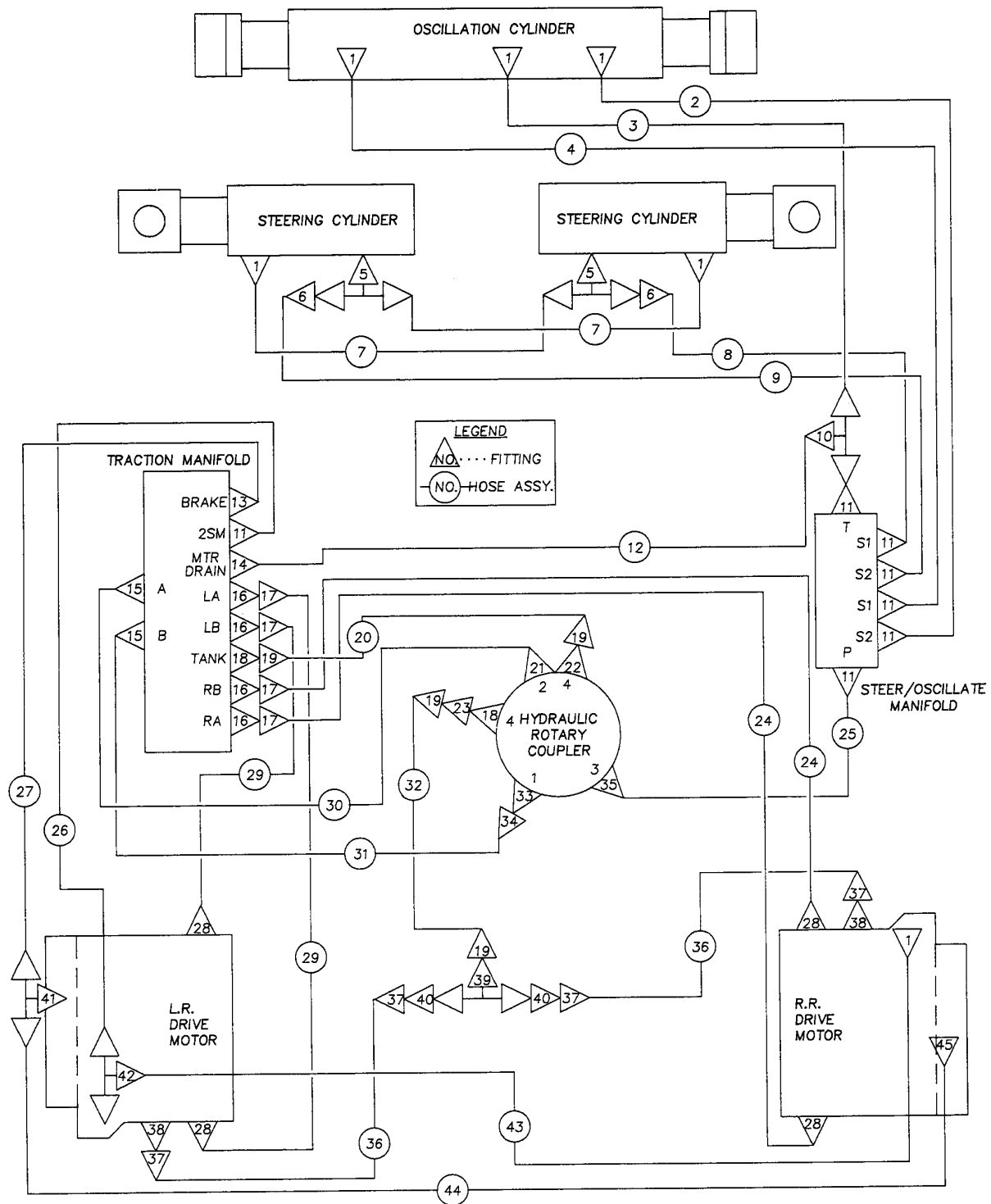




## 206.1 2WD Hydraulic Hoses and Fittings-Drive Chassis, Non-oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 29          | 28561GT         | HOSE ASSY,DRAIN TEE/ROTATOR .....    | 1           |
| 30          | 20710GT         | CONNECTOR,070120-16-12 .....         | 1           |
| 31          | 28447GT         | ELBOW,070221-16-16 .....             | 1           |
| 32          | 28448GT         | ELBOW,070220-6-8 .....               | 1           |
| 33          | 28560GT         | HOSE ASSY,MOTOR DRAIN TO TEE .....   | 2           |
| 34          | 28446GT         | HOSE END,BARBED,SWIVEL,-10-8 .....   | 4           |
| 35          | 19685GT         | ELBOW,070220-10-12 .....             | 2           |
| 36          | 28445GT         | TEE,UNION,070401-12 .....            | 1           |
| 37          | 21483GT         | REDUCER,070123-12-10 .....           | 2           |
| 38          | 25628GT         | TEE,BRANCH,070429-4-4 .....          | 1           |
| 39          | 28444GT         | TEE,RUN,070428-6-6 .....             | 1           |
| 40          | 28559GT         | HOSE ASSY,LH.2SPEED/RHT.2SPEED ..... | 1           |
| 41          | 28557GT         | HOSE ASSY,LH BRAKE/RH BRAKE .....    | 1           |
| 42          | 13921GT         | ELBOW,070220-4-4 .....               | 1           |

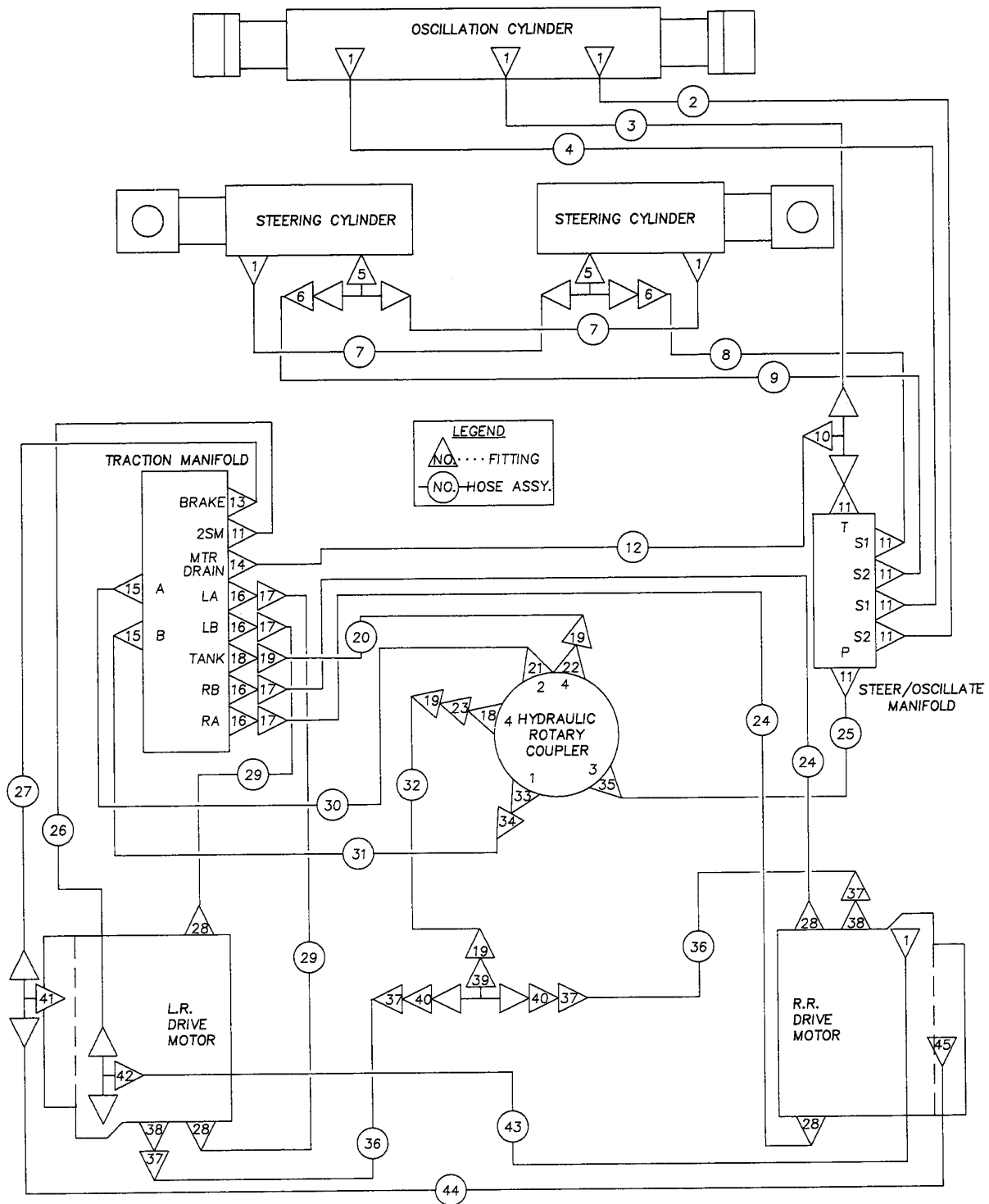
## 207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle



## 207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 13120GT         | ELBOW,070220-6-6 .....               | 6           |
| 2           | 28550GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 3           | 28551GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 4           | 28552GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 5           | 45705GT         | TEE,BRANCH,070429-6-6 .....          | 2           |
| 6           | 45367GT         | ELBOW,070221-6-6 .....               | 2           |
| 7           | 28566GT         | HOSE ASSY,STEER CYL/CROSSOVER .....  | 2           |
| 8           | 28565GT         | HOSE ASSY,STEER MNFLD/RHT.CYL. ....  | 1           |
| 9           | 28564GT         | HOSE ASSY,STEER MNFLD/LFT.CYL. ....  | 1           |
| 10          | 45366GT         | TEE,RUN,070432-6-6 .....             | 1           |
| 11          | 45412GT         | CONNECTOR,070120-6-6 .....           | 7           |
| 12          | 28563GT         | HOSE ASSY,STEER MNFLD/TRT.MNFD ..... | 1           |
| 13          | 13756GT         | CONNECTOR,070120-4-6 .....           | 1           |
| 14          | 18687GT         | CONNECTOR,070120-6-8 .....           | 1           |
| 15          | 20793GT         | ELBOW,070220-16-16 .....             | 2           |
| 16          | 28598GT         | CONNECTOR,070120-12-8 .....          | 4           |
| 17          | 20716GT         | ELBOW,070321-12-12 .....             | 4           |
| 18          | 19687GT         | CONNECTOR,070120-12-12 .....         | 2           |
| 19          | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 4           |
| 20          | 28568GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD .....   | 1           |
| 21          | 20709GT         | CONNECTOR,070120-16-16 .....         | 1           |
| 22          | 20925GT         | ELBOW,070220-12-12 .....             | 1           |
| 23          | 21246GT         | ELBOW,070221-12-12 .....             | 2           |
| 24          | 28554GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT ..... | 2           |
| 25          | 28562GT         | HOSE ASSY,ROTATOR/STEER.MNFOLD ..... | 1           |
| 26          | 28558GT         | HOSE ASSY,TRCT.MNFD/LH.2SPEED .....  | 1           |
| 27          | 28556GT         | HOSE ASSY,TRCTN.MNFLD/LH BRAKE ..... | 1           |
| 28          | 20332GT         | ELBOW,070220-12-16 .....             | 4           |

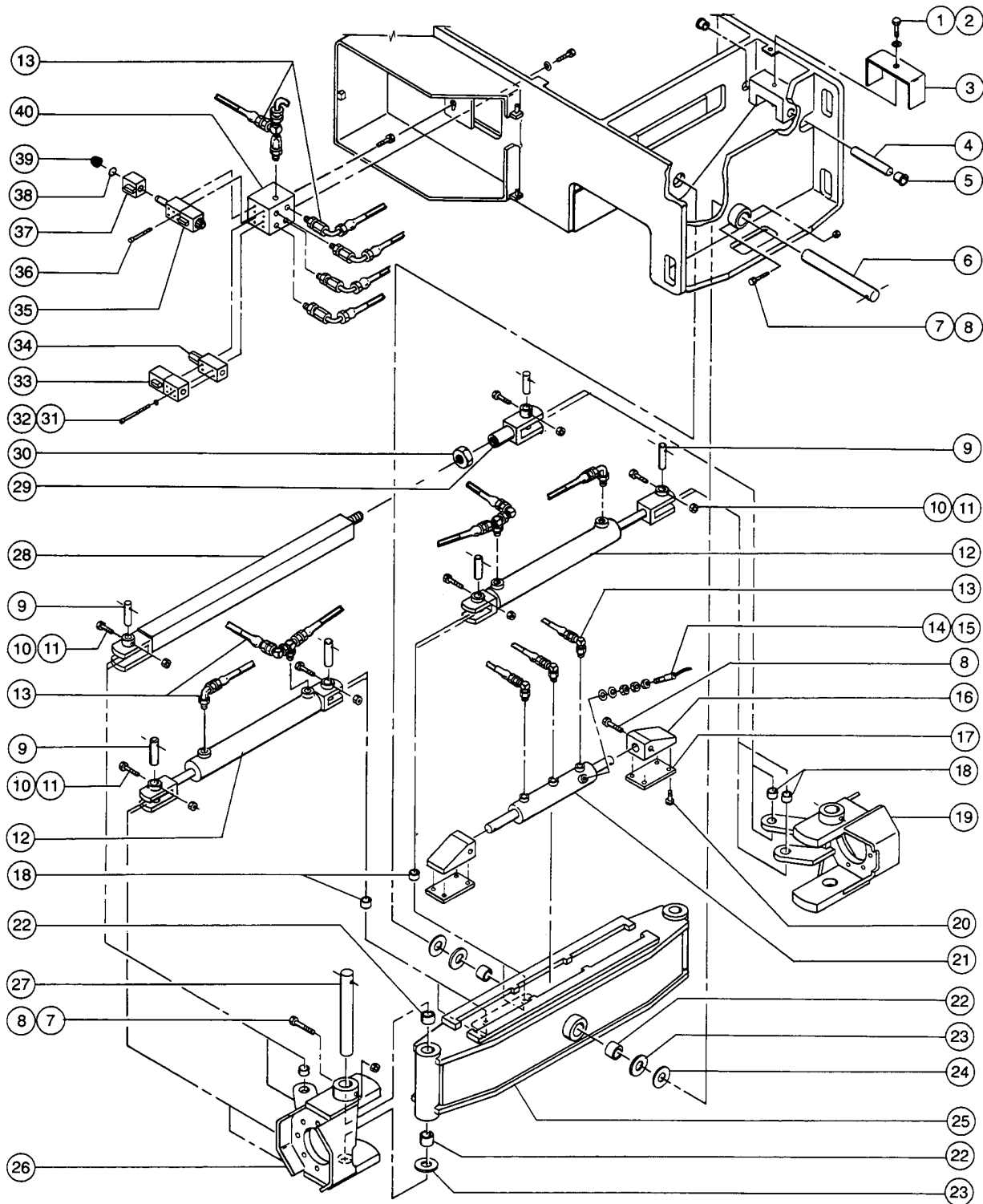
## 207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle



## 207.1 2WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 29          | 28555GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT .....  | 2           |
| 30          | 28553GT         | HOSE ASSY,ROTTR/TRCT MNFLD"A" .....   | 1           |
| 31          | 28567GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD"B" ..... | 1           |
| 32          | 28561GT         | HOSE ASSY,DRAIN TEE/ROTATOR .....     | 1           |
| 33          | 20710GT         | CONNECTOR,070120-16-12 .....          | 1           |
| 34          | 28447GT         | ELBOW,070221-16-16 .....              | 1           |
| 35          | 28448GT         | ELBOW,070220-6-8 .....                | 1           |
| 36          | 28560GT         | HOSE ASSY,MOTOR DRAIN TO TEE .....    | 2           |
| 37          | 28446GT         | HOSE END,BARBED,SWIVEL,-10-8 .....    | 4           |
| 38          | 19685GT         | ELBOW,070220-10-12 .....              | 2           |
| 39          | 28445GT         | TEE,UNION,070401-12 .....             | 1           |
| 40          | 21483GT         | REDUCER,070123-12-10 .....            | 2           |
| 41          | 25628GT         | TEE,BRANCH,070429-4-4 .....           | 1           |
| 42          | 28444GT         | TEE,RUN,070428-6-6 .....              | 1           |
| 43          | 28559GT         | HOSE ASSY,LH.2SPEED/RHT.2SPEED .....  | 1           |
| 44          | 28557GT         | HOSE ASSY,LH BRAKE/RH BRAKE .....     | 1           |
| 45          | 13921GT         | ELBOW,070220-4-4 .....                | 1           |

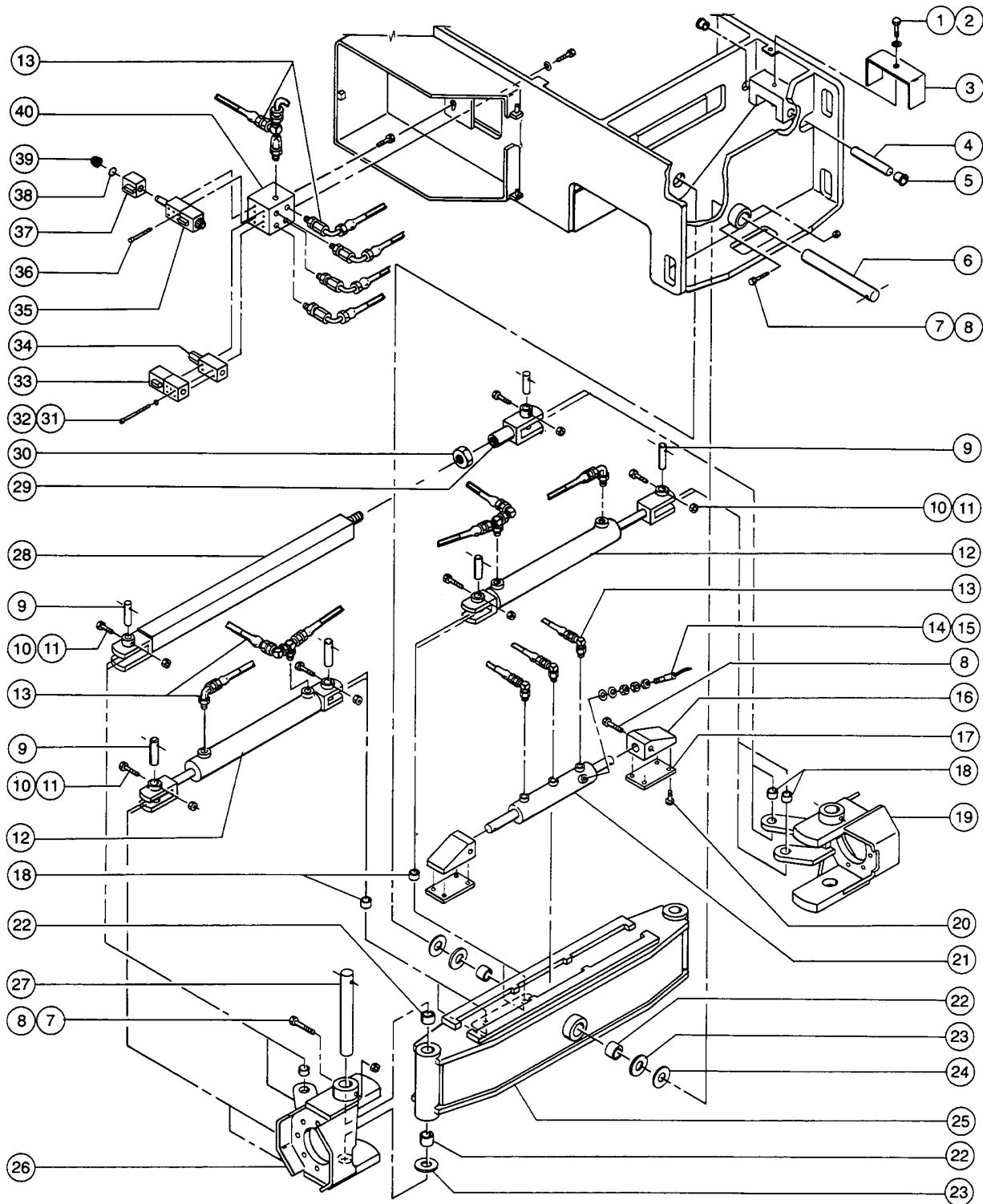
301.1 4WD Steer Linkage / Oscillating Axle



## 301.1 4WD Steer Linkage / Oscillating Axle

| Item | Part No. | Description                                     | Qty. |
|------|----------|-------------------------------------------------|------|
| 1    | 10587GT  | SCREW,HHC,1/2-13 X.75 .....                     | 2    |
| 2    | 6033GT   | WASHER,LOCK,0.5" .....                          | 2    |
| 3    | 27656PGT | RETAINER,AXLE ROLLER PIN,PAI .....              | 2    |
| 4    | 25769GT  | PIN,OSCILLATING,ROLLR,8 X 1.75 .....            | 2    |
| 5    | 27695GT  | BEARING,FL,1.75IDX1.94ODX1.50L .....            | 4    |
| 6    | 36370GT  | PIN,2.50DIA X15.00LG,1HOLE .....                | 1    |
| 7    | 8220GT   | SCREW,HHC,1/2-13 X 4 .....                      | 5    |
| 8    | 6198GT   | NUT, NYLOCK, 1/2-13 .....                       | 3    |
| 9    | 25419GT  | PIN,STEER .....                                 | 6    |
| 10   | 4828GT   | NUT, NYLOCK, 3/8-16 .....                       | 6    |
| 11   | 6708GT   | SCREW,HHC,3/8-16 X 2.25 .....                   | 6    |
| 12   | 53462GT  | STEER. CYL. RETRO FIT KIT Z60 .....             | 2    |
| 12   | 29183GT  | SEAL KIT,25212,25217,25372,S60 .....            | 2    |
| 13   |          | Ref. Hydraulic Hoses & Fittings .....           | 2    |
|      |          | refer to section 305.1                          |      |
| 14   | 27721GT  | SWITCH,PROXIMITY .....                          | 1    |
|      |          | includes mounting fasteners                     |      |
| 14-  | 33627GT  | PROX SWITCH W/INSTALL INST .....                |      |
|      |          | for the style that mounts into a remote bracket |      |
| 15   | 28620GT  | NUT,SEALING,PROXIMITY SWITCH .....              | 1    |
| 16   | 25404GT  | BLOCK,WEDGE,OSC.AXLE .....                      | 2    |
| 17   | 25416GT  | WEAR PAD,OSCILLATING AXLE, S60 .....            | 2    |
| 18   | 27694GT  | BEARING,1.25 ID X 1.41 OD X 1" .....            | 6    |
| 19   | 29213GT  | YOKE ASSY,2/4WD,L.S.,S60/Z60 .....              | 1    |
|      |          | includes 2 each index number 18                 |      |
| 20   | 16439GT  | SCREW,FHS,3/8-16 X 1 .....                      | 8    |
| 21   |          | CYLINDER,OSCILL.AXLE,3.5 X5.75 .....            | 1    |
|      |          | Part is no longer available                     |      |
| 21   | 29186GT  | SEAL KIT,25373 OSC.CYL,S60 .....                | 1    |
| 22   | 27698GT  | BEARING,2.50IDX2.75ODX2.00L .....               | 6    |
| 23   | 25436GT  | WASHER,THRUST,2.56 X 4.0 X.18 .....             | 4    |
| 24   | 29746GT  | WASHER,FLAT,2.5 X 4 X .062 .....                | 2    |
| 25   |          | FRONT AXLE ASSY,S60,Z60 .....                   | 1    |
|      |          | includes index numbers 18 & 22                  |      |

301.1 4WD Steer Linkage / Oscillating Axle

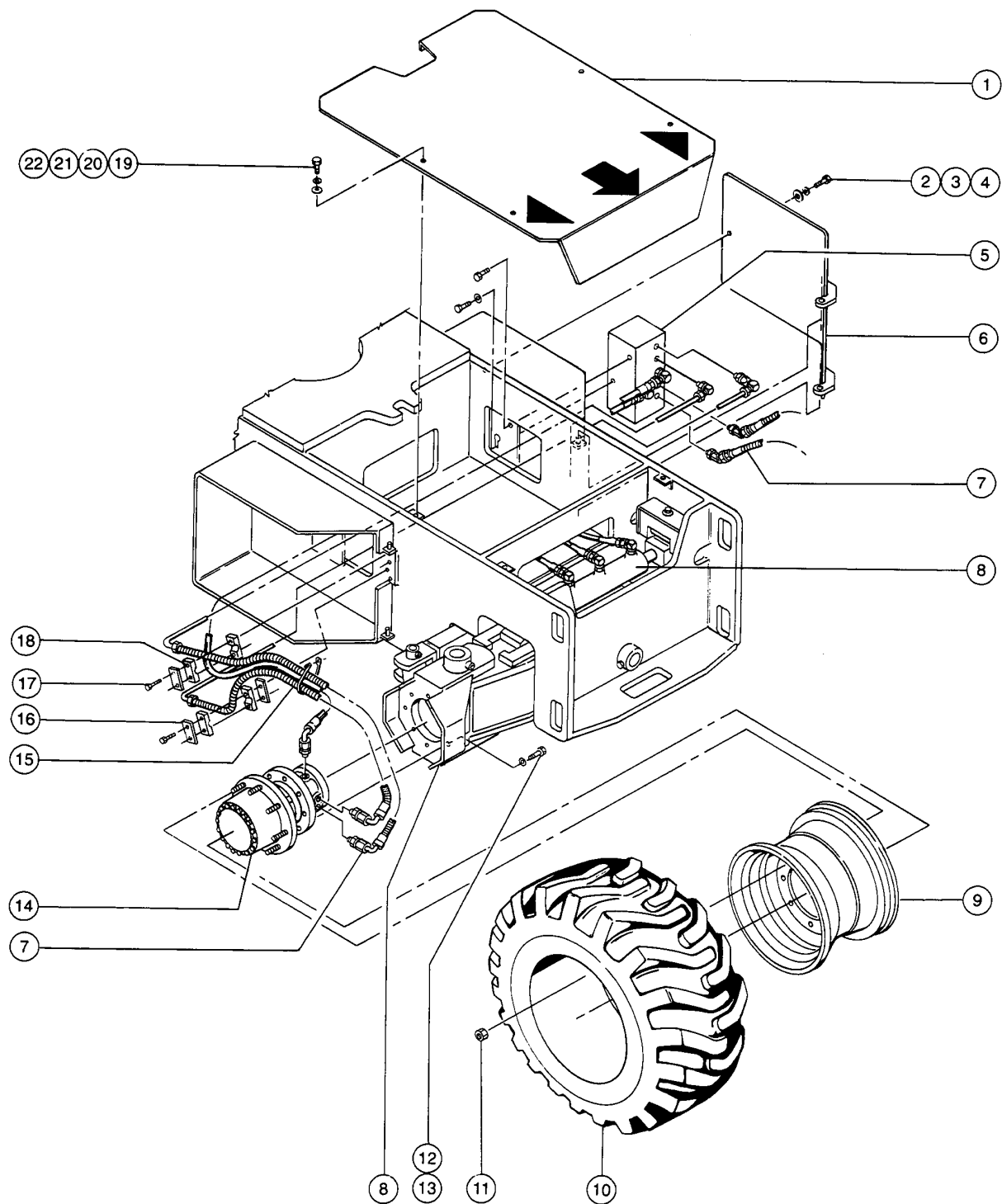




## 301.1 4WD Steer Linkage / Oscillating Axle

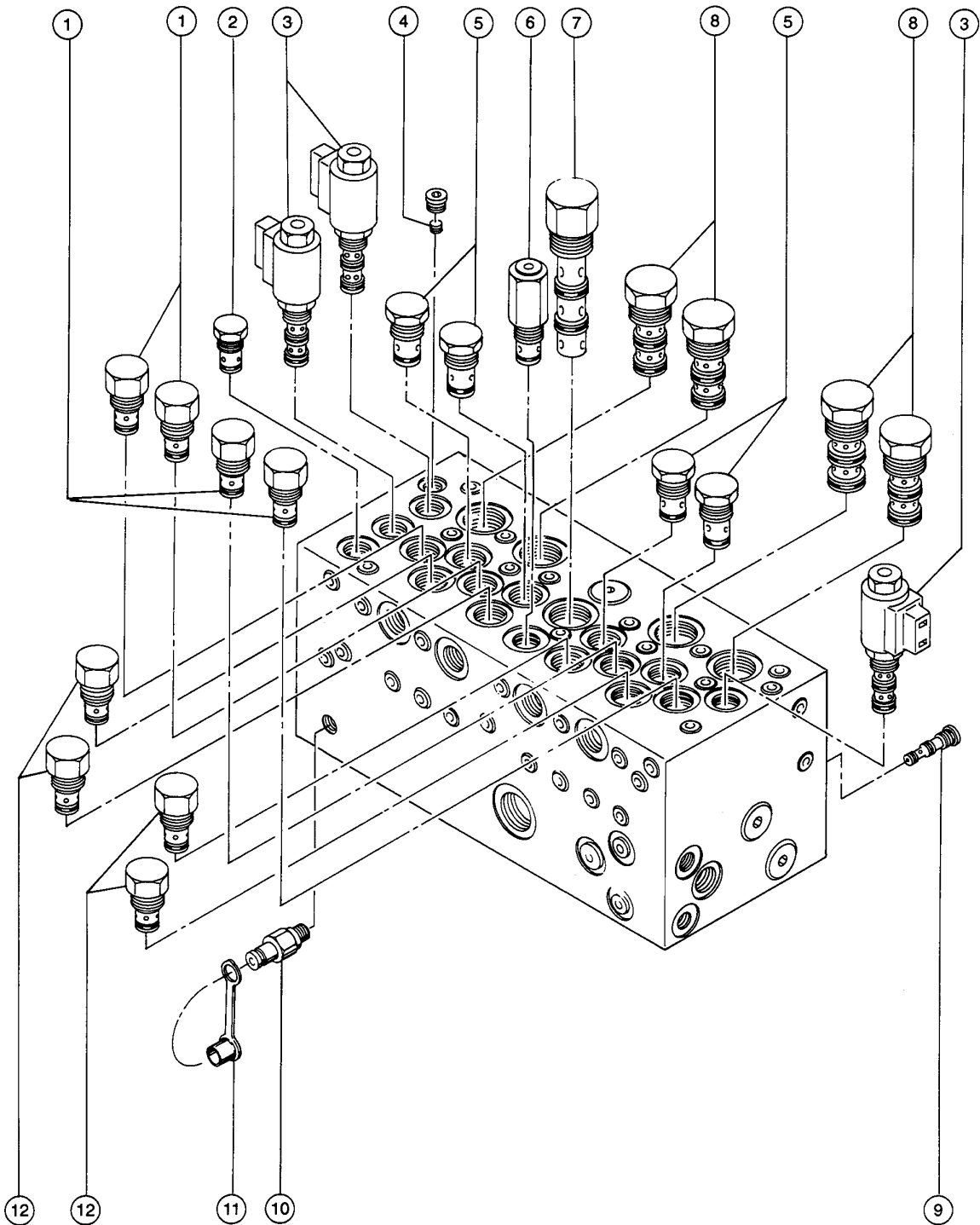
| Item | Part No. | Description                                                                 | Qty. |
|------|----------|-----------------------------------------------------------------------------|------|
| 26   | 29214GT  | YOKE ASSY,2/4WD,R.S.,S60/Z60 .....<br>includes 2 each index number 18       | 1    |
| 27   | 25418GT  | PIN,KING .....                                                              | 2    |
| 28   | 29210GT  | TIE ROD, WELD. S60 .....                                                    | 1    |
| 29   | 29211GT  | WELDMENT,ROD END .....                                                      | 1    |
| 30   | 27953GT  | NUT,HEX,JAM,1.25-7 .....                                                    | 1    |
| 31   | 29508GT  | SCREW,SHC,10-24 X 2.75 .....                                                | 4    |
| 32   | 6607GT   | WASHER,LOCK,#10 PLTD .....                                                  | 4    |
| 33   | 27559GT  | VALVE,DO1,MANIFOLD,OSCIL.OPT .....<br>includes 1 each index numbers 37 - 39 | 1    |
| 34   |          | MANIFOLD,250# SANDWCH REL BLK .....<br>Part is no longer available          | 1    |
| 34   | 29570GT  | VALVE,RELIEF 200 PSI .....                                                  | 1    |
| 35   | 146160GT | VALVE KIT,D03 .....<br>includes 2 each index numbers 37 - 39                | 1    |
| 36   | 45916GT  | SCREW,SHC,10-24 X 1.250 (D01) .....                                         | 8    |
| 37   | 223763GT | COIL WITH DE CONNECTOR .....                                                | 3    |
| 38   | 45914GT  | O-RING, DO1 VALVE .....                                                     | 3    |
| 39   | 45913GT  | NUT,DO1 VALVE .....                                                         | 3    |
| 40   | 27385GT  | MANIFOLD,STEER/OSCILLATION .....<br>includes index number 35                | 1    |

302.1 4WD Front Wheel Drive



| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
|      |          | SEAL KIT,FAIRFIELD,W2M1** .....                              |      |
| 1    | 29215GT  | COVER W/DECALS,FR.DR.CHASS,S60 .....                         | 1    |
| 2    | 6175GT   | SCREW,HHC,3/8-16 X 1 .....                                   | 2    |
| 3    | 6021GT   | WASHER, LOCK, .375 .....                                     | 2    |
| 4    | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                             | 2    |
| 5    | 40033GT  | MANIFOLD,TRCN W/BYPASS,4WD*** .....                          | 2    |
| 6    | 29217GT  | COVER W/DECALS,SIDE DR.CHS,S60 .....                         | 2    |
| 7    |          | Ref. Hydraulic Hoses & Fittings .....                        | 2    |
|      |          | refer to section 305.1                                       |      |
| 8    |          | Ref. 4WD Steer Linkage / Oscillating Axle Installation ..... | 2    |
|      |          | refer to section 301.1                                       |      |
| 9    | 73259GT  | WHEEL,19.5 X 11.75*** .....                                  | 2    |
| 9    | 25765GT  | TIRE & WHEEL ASSY,FOAM,RIGHT .....                           | 2    |
| 9    | 25768GT  | TIRE & WHEEL ASSY,AIR,LEFT .....                             | 2    |
| 10   | 27464GT  | TIRE,RT,SGL,15-19.5NHS,12PLY .....                           | 2    |
| 11   | 54627GT  | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                         | 18   |
| 12   | 27006GT  | SCREW,SHC,M16 X 40MM,BLACK .....                             | 14   |
|      |          | to SN 151                                                    |      |
| 12   | 28117GT  | SCREW,SHC,5/8-11 X 1.5 .....                                 | 14   |
|      |          | from SN 152                                                  |      |
| 13   | 13064GT  | WASHER,FLAT,.625 HARDENED .....                              | 14   |
| 14   | 28833GT  | MTR/TORQUE HUB,FRT,WM2-33.8:1* .....                         | 2    |
| 14   | 21166GT  | LUG BOLT,5/8-18,WHEEL HUB*** .....                           | 2    |
| 14   | 226101GT | SEAL KIT (28833) .....                                       | 2    |
| 15   | 23877GT  | CABLE TIE,28" .....                                          | 10   |
| 16   | 28628GT  | TOP PLATE,H.D. 3/4",HR2 SP-TP .....                          | 3    |
| 17   | 14033GT  | SCREW, HHC, 3/8-16 X 2.75 .....                              | 4    |
| 18   | 28629GT  | CLAMP,H.D. 3/4",HR2S 19.0 CPPP .....                         | 2    |
| 19   | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                               | 4    |
| 20   | 6356GT   | WASHER, LOCK, .25 .....                                      | 4    |
| 21   | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                               | 4    |
| 22   | 56912GT  | SPRING CLIP,1/4-20,.025-.15X.54,ZAG .....                    | 4    |

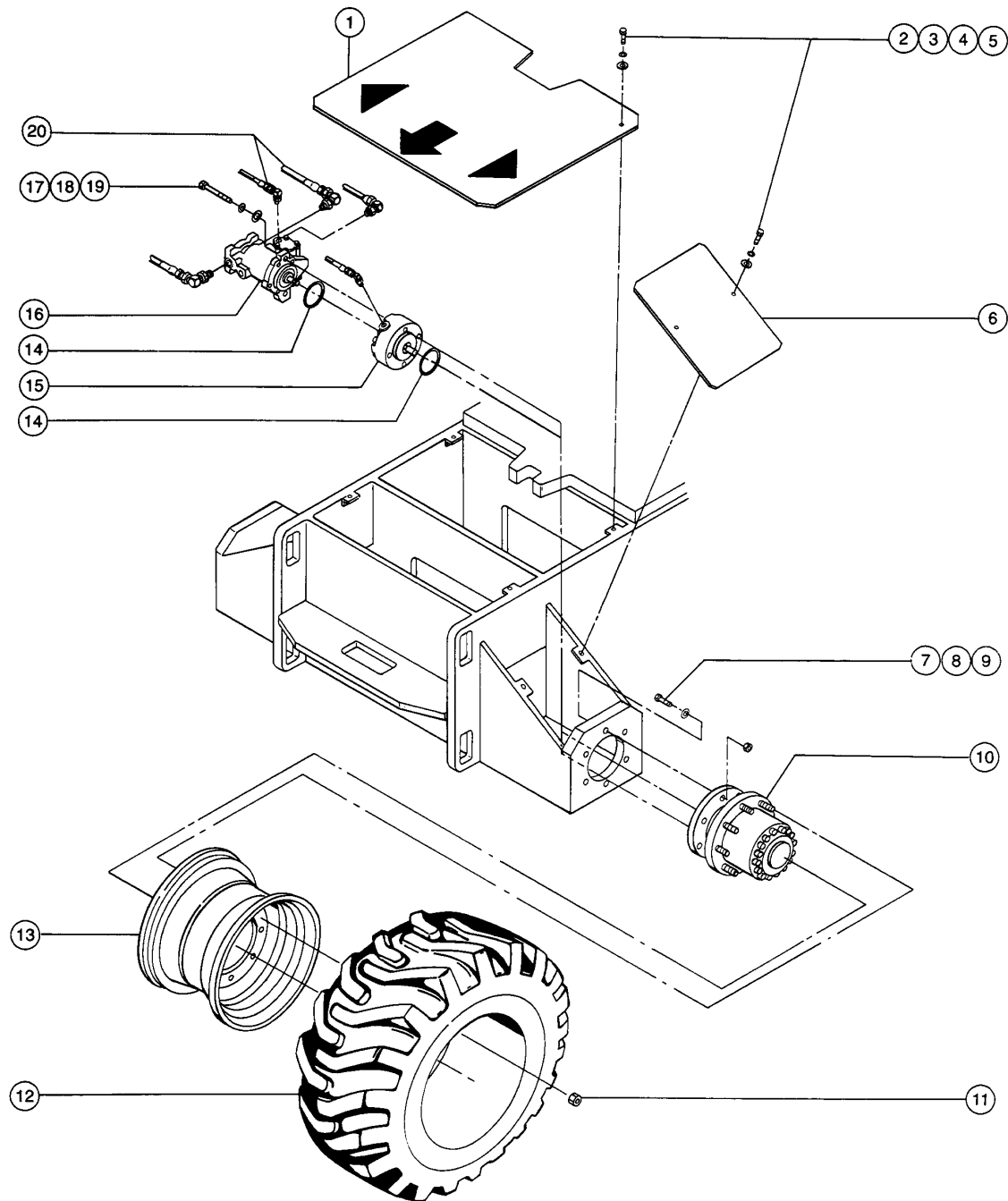
303.1 4WD Traction Manifold



## 303.1 4WD Traction Manifold

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                             | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------------------------------------------------|-------------|
|             | 25505GT         | MANIFOLD,TRACTION,4WD<br>before ordering verify part numbers stamped on manifold .....         |             |
|             | 40033GT         | MANIFOLD,TRCN W/BYPASS,4WD***<br>before ordering verify part numbers stamped on manifold ..... |             |
|             | 25375GT         | KIT, O-RING .....                                                                              |             |
| 1           | 27764GT         | VALVE,FLOW REGULATOR .....                                                                     | 4           |
| 1           | 110194GT        | SEAL KIT, VALVE, #10 .....                                                                     |             |
| 2           | 27759GT         | VALVE,CHECK .....                                                                              | 1           |
| 2           | 74902GT         | SEAL KIT, VALVE .....                                                                          |             |
| 3           | 29066GT         | VALVE,SOLENOID,10V,2POS 3WAY** .....                                                           | 3           |
| 3           | 27814GT         | COIL,SOLENOID,10V .....                                                                        | 3           |
| 3           | 45912GT         | NUT,SOLENOID VALVE 2P3W .....                                                                  | 3           |
| 3           | 72043GT         | SEAL KIT,SOLENOID VALVE .....                                                                  |             |
| 4           | 29294GT         | PLUG,ORIFICE,.025" .....                                                                       | 1           |
| 5           | 20318GT         | VALVE,CHECK CP100-2-B-O-005 .....                                                              | 4           |
| 5           | 110194GT        | SEAL KIT, VALVE, #10 .....                                                                     |             |
| 6           | 27760GT         | VALVE,RELIEF .....                                                                             | 1           |
| 6           | 110194GT        | SEAL KIT, VALVE, #10 .....                                                                     |             |
| 7           | 27761GT         | VALVE,SHUTTLE .....                                                                            | 1           |
| 7           | 84134GT         | SEAL KIT, VALVE .....                                                                          |             |
| 8           | 27763GT         | VALVE,PILOT TO OPEN CHECK .....                                                                | 4           |
| 9           | 45483GT         | VALVE,SHUTTLE*** .....                                                                         | 1           |
| 10          | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                                                                     | 1           |
| 10          | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                                                                |             |
| 11          | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                                                                    | 1           |
| 12          |                 | VALVE,FLOW REGULATOR (29065)<br>component no longer available .....                            | 4           |

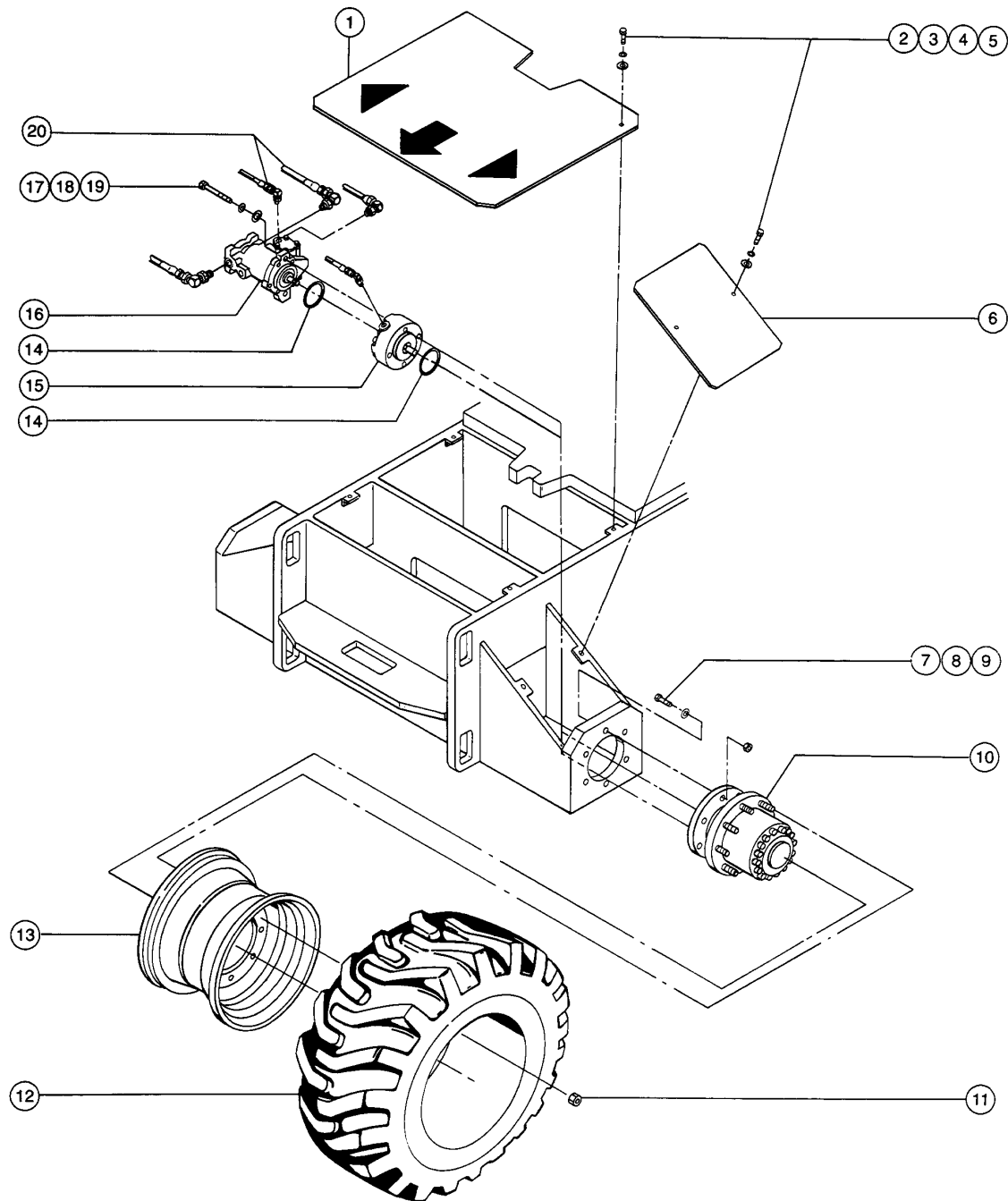
304.1 4WD Rear Wheel Drive



## 304.1 4WD Rear Wheel Drive

| Item | Part No. | Description                                                           | Qty. |
|------|----------|-----------------------------------------------------------------------|------|
| 1    | 29216GT  | COVER W/DECALS,RR.DR.CHAS,S60 .....                                   | 1    |
| 2    | 6090GT   | SCREW, HHC, 1/4-20 X .75 .....                                        | 6    |
| 3    | 6356GT   | WASHER, LOCK, .25 .....                                               | 6    |
| 4    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....                                        | 6    |
| 5    | 56912GT  | SPRING CLIP, 1/4-20,.025-.15X.54,ZAG .....                            | 6    |
| 6    | 25770PGT | COVER,REAR AXLE,PAINTED,S60 .....                                     | 2    |
| 7    | 45495GT  | SCREW,SHC,5/8-11 X 3.00,A574 .....                                    | 12   |
| 8    | 13064GT  | WASHER,FLAT,.625 HARDENED .....                                       | 12   |
| 9    | 45076GT  | NUT,HEX,JAM,5/8-11 .....                                              | 12   |
| 10   | 29231GT  | TORQUE HUB,49:1 .....                                                 | 2    |
| 10-  | 21166GT  | LUG BOLT,5/8-18,WHEEL HUB*** .....                                    | 2    |
| 10-  | 29288GT  | SEAL KIT,FAIRFIELD,W2B2 .....                                         | 2    |
| 10-  | 226099GT | THRUST WASHER (29231) .....                                           |      |
| 10-  | 226100GT | BEARING NUT (29231) .....                                             |      |
| 11   | 54627GT  | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                                  | 18   |
| 12   | 27464GT  | TIRE,RT,SGL,15-19.5NHS,12PLY .....                                    | 2    |
| 12   | 25765GT  | TIRE & WHEEL ASSY,FOAM,RIGHT .....                                    | 2    |
| 12   | 25768GT  | TIRE & WHEEL ASSY,AIR,LEFT .....                                      | 2    |
| 13   | 73259GT  | WHEEL,19.5 X 11.75*** .....                                           | 2    |
| 14   | 22811GT  | O-RING,MOTOR TO BRAKE***<br>measures approx 4" x 0.10" .....          | 4    |
| 15   | 29230PGT | BRAKE,MICO,PAINTED-S60 DRIVE<br>includes 2 each index number 14 ..... | 2    |
| 15   | 29291GT  | SEAL KIT,MICO .....                                                   | 2    |
| 15   | 29292GT  | BRAKE,LINING KIT,MICO .....                                           | 2    |
| 15   | 29293GT  | BEARING KIT,MICO .....                                                | 2    |
| 16   | 24667GT  | DRVE MOTOR REAR,4WD/1DEGREE<br>includes 1 each index number 14 .....  | 2    |
| 16-  | 65865GT  | SEAL KIT, SUNSTRAND .....                                             |      |
| 16-  | 83081GT  | COVER, SERVO (24667) .....                                            |      |
| 16-  | 49897GT  | GASKET,TURTLE,DRV MTR,EDC .....                                       |      |

304.1 4WD Rear Wheel Drive

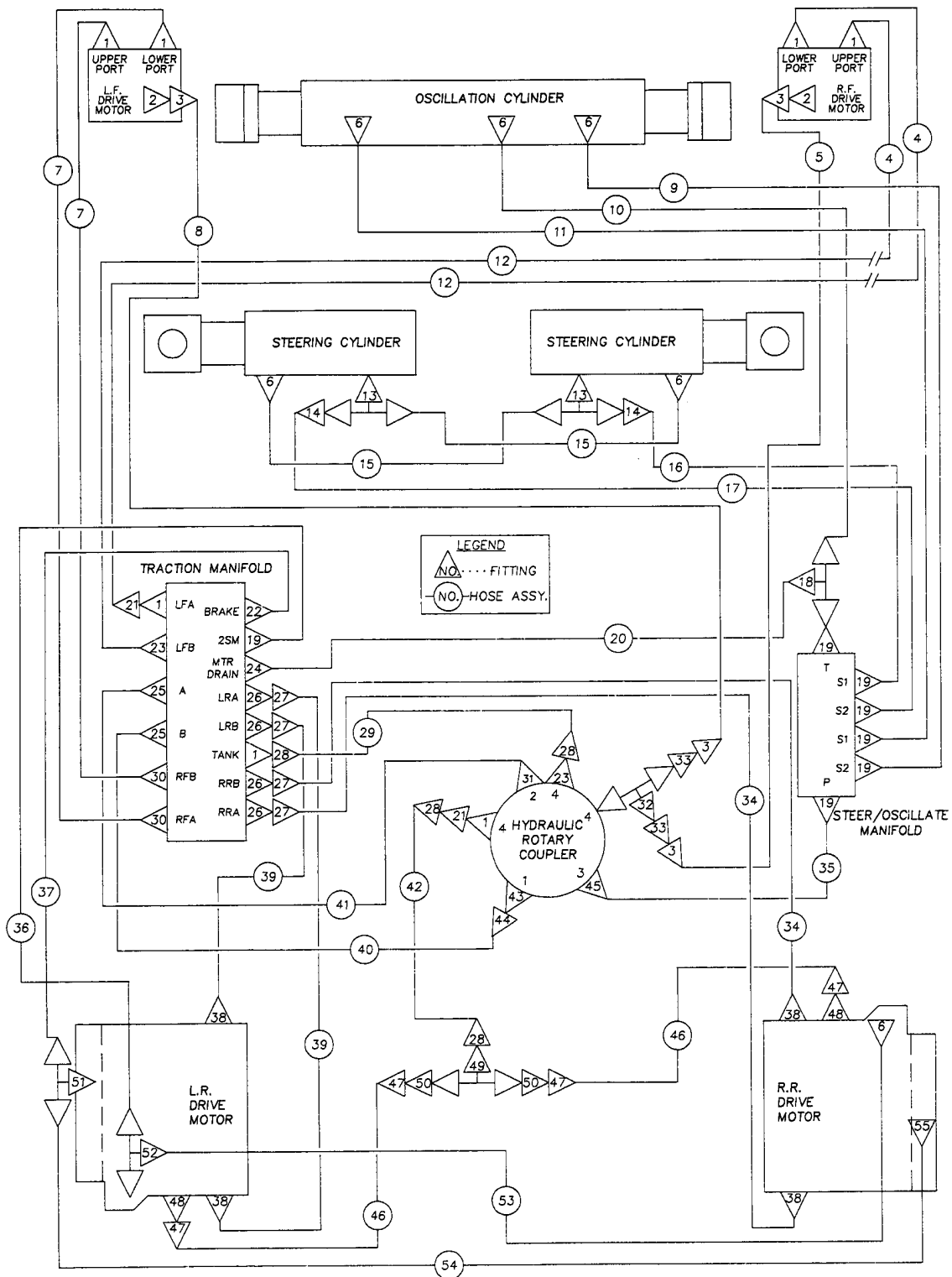




304.1 4WD Rear Wheel Drive

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                              | <i>Qty.</i> |
|-------------|-----------------|-----------------------------------------------------------------|-------------|
| 17          |                 | Ref. Screw - SHC, 1/2-13 x 5.5 inch GR 5 .....                  | 4           |
| 18          |                 | Ref. Washer - Lock, 1/2 inch .....                              | 4           |
| 19          |                 | Ref. Washer - Flat, 1/2 inch .....                              | 4           |
| 20          |                 | Ref. Hydraulic Hoses & Fittings .....<br>refer to section 305.1 | 4           |

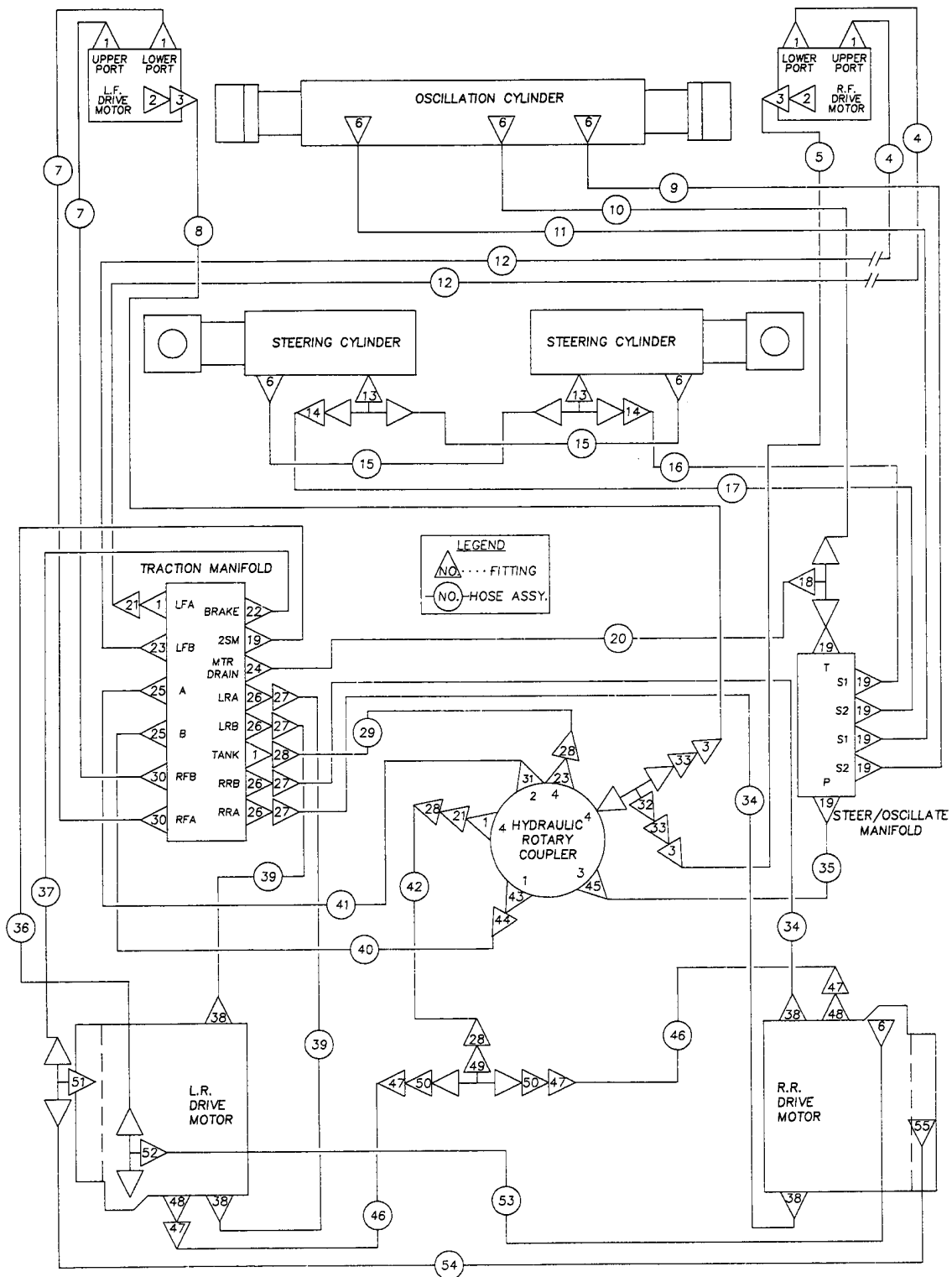
## 305.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle



## 305.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 19687GT         | CONNECTOR,070120-12-12 .....         | 7           |
| 2           | 22665GT         | CONNECTOR,070120-8-10 .....          | 2           |
| 3           | 28597GT         | HOSE END,BARBED,SWIVEL,90DEG-8 ..... | 4           |
| 4           | 28590GT         | HOSE ASSY,TRAC.MNFD/RIGHT MTR .....  | 2           |
| 5           | 28592GT         | HOSE ASSY,RIGHT MOTOR/CASE DRN ..... | 1           |
| 6           | 13120GT         | ELBOW,070220-6-6 .....               | 6           |
| 7           | 28591GT         | HOSE ASSY,TRAC.MNFD/LEFT MTR .....   | 2           |
| 8           | 28593GT         | HOSE ASSY LFT MTR CASE DRAIN .....   | 1           |
| 9           | 28550GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 10          | 28551GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 11          | 28552GT         | HOSE ASSY,MANIFOLD TO CYLINDER ..... | 1           |
| 12          | 28630GT         | TUBE ASSY, 4WD OPTION .....          | 2           |
| 13          | 45705GT         | TEE,BRANCH,070429-6-6 .....          | 2           |
| 14          | 45367GT         | ELBOW,070221-6-6 .....               | 2           |
| 15          | 28566GT         | HOSE ASSY,STEER CYL/CROSSOVER .....  | 2           |
| 16          | 28565GT         | HOSE ASSY,STEER MNFLD/RHT.CYL. ....  | 1           |
| 17          | 28564GT         | HOSE ASSY,STEER MNFLD/LFT.CYL. ....  | 1           |
| 18          | 45366GT         | TEE,RUN,070432-6-6 .....             | 1           |
| 19          | 45412GT         | CONNECTOR,070120-6-6 .....           | 7           |
| 20          | 28563GT         | HOSE ASSY,STEER MNFLD/TRT.MNFD ..... | 1           |
| 21          | 21246GT         | ELBOW,070221-12-12 .....             | 2           |
| 22          | 13756GT         | CONNECTOR,070120-4-6 .....           | 1           |
| 23          | 20925GT         | ELBOW,070220-12-12 .....             | 2           |
| 24          | 18687GT         | CONNECTOR,070120-6-8 .....           | 1           |
| 25          | 20793GT         | ELBOW,070220-16-16 .....             | 2           |
| 26          | 28598GT         | CONNECTOR,070120-12-8 .....          | 4           |
| 27          | 20716GT         | ELBOW,070321-12-12 .....             | 4           |
| 28          | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 4           |

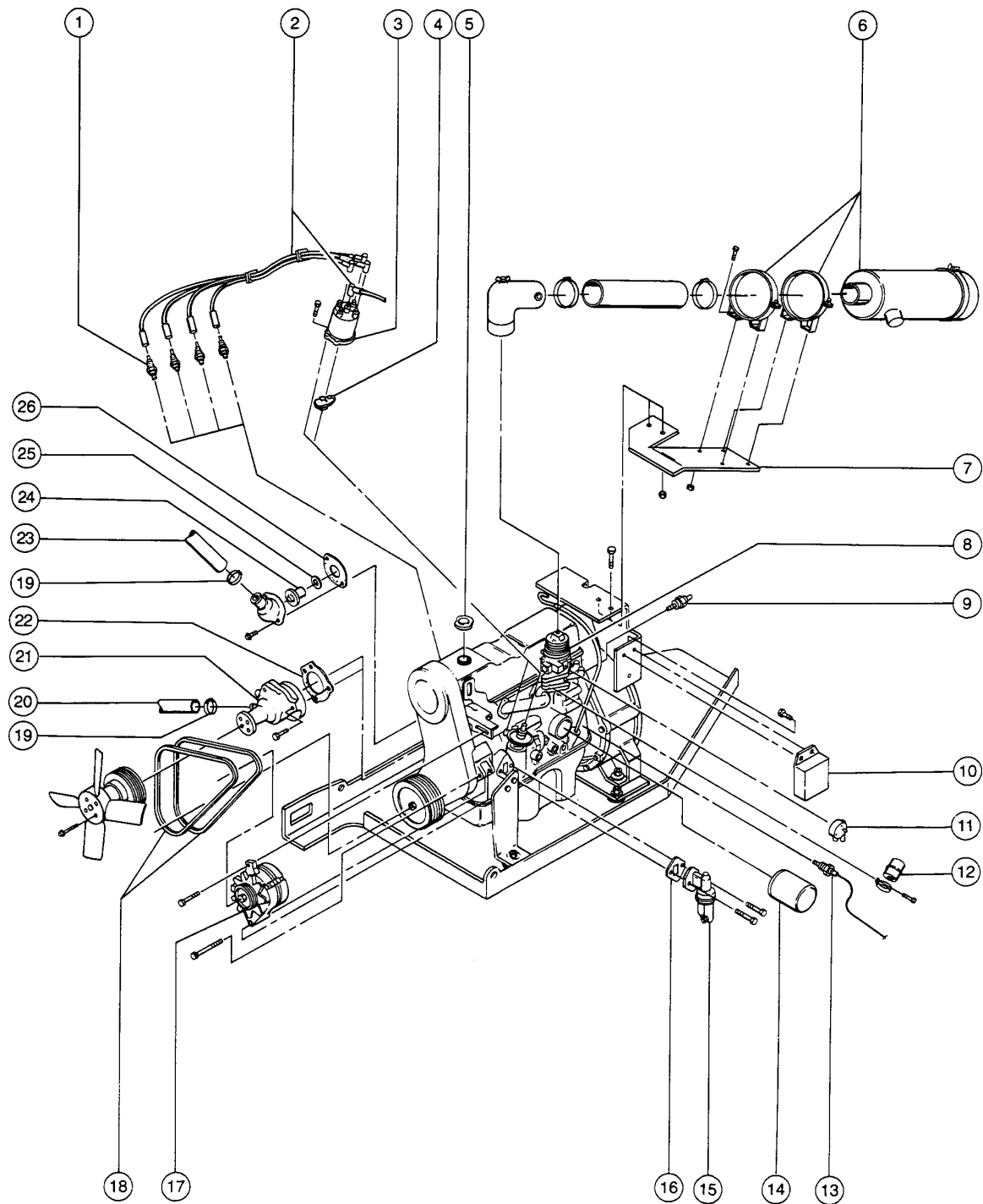
## 305.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle



## 305.1 4WD Hydraulic Hoses and Fittings - Drive Chassis, Oscillating Axle

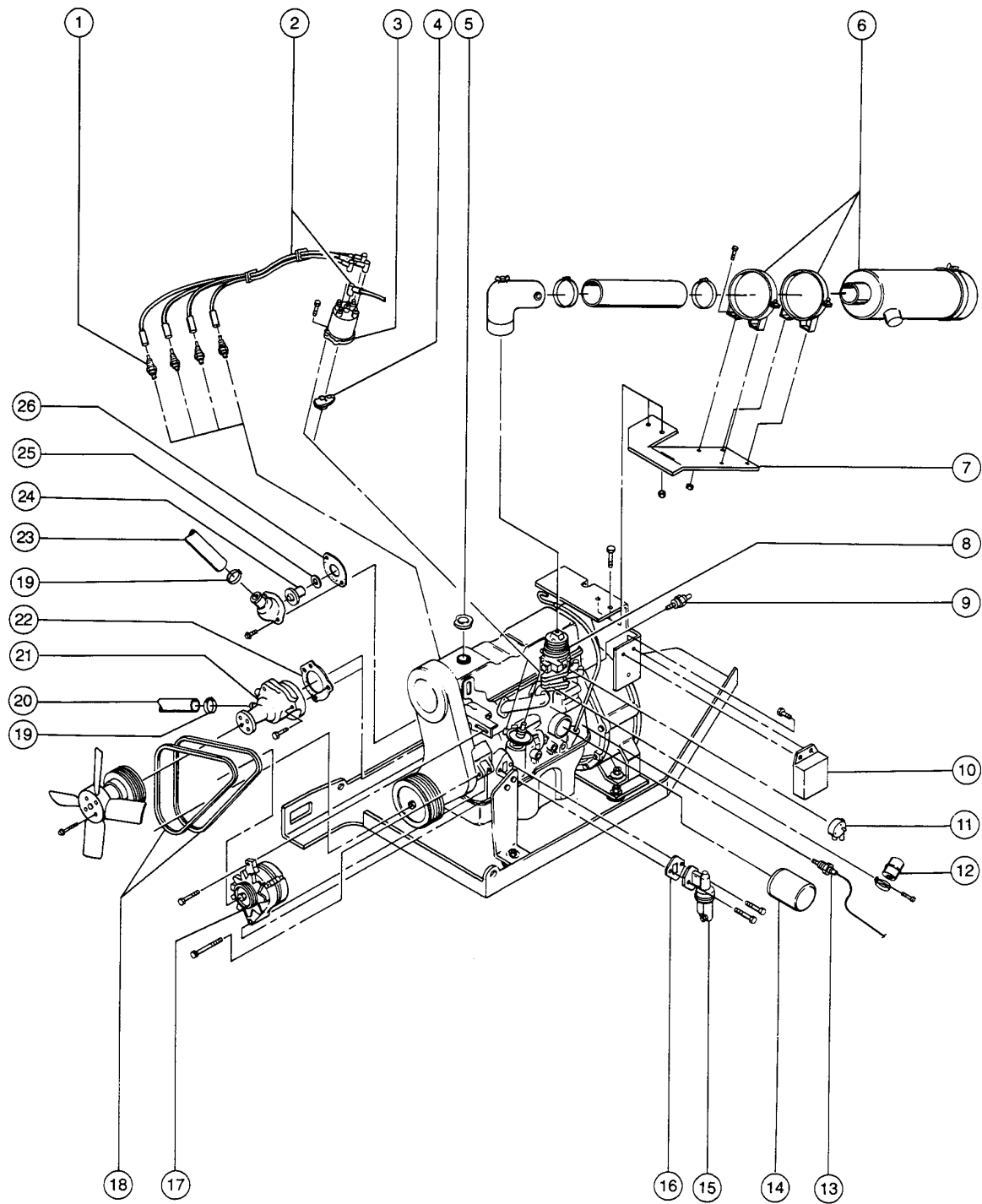
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 29          | 28568GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD .....   | 1           |
| 30          | 45350GT         | ELBOW,070320-12-12 .....             | 2           |
| 31          | 20709GT         | CONNECTOR,070120-16-16 .....         | 1           |
| 32          | 28456GT         | TEE,RUN,070428-12-12 .....           | 1           |
| 33          | 20325GT         | REDUCER,070123-12-8 .....            | 2           |
| 34          | 28554GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT ..... | 2           |
| 35          | 28562GT         | HOSE ASSY,ROTATOR/STEER.MNFOLD ..... | 1           |
| 36          | 28558GT         | HOSE ASSY,TRCT.MNFD/LH.2SPEED .....  | 1           |
| 37          | 28556GT         | HOSE ASSY,TRCTN.MNFLD/LH BRAKE ..... | 1           |
| 38          | 20332GT         | ELBOW,070220-12-16 .....             | 4           |
| 39          | 28555GT         | HOSE ASSY,TRCTN.MNFLD/RR.DR.MT ..... | 2           |
| 40          | 28567GT         | HOSE ASSY,ROTATOR/TRCT.MNFLD"B ..... | 1           |
| 41          | 28553GT         | HOSE ASSY,ROTTR/TRCT MNFLD"A" .....  | 1           |
| 42          | 28561GT         | HOSE ASSY,DRAIN TEE/ROTATOR .....    | 1           |
| 43          | 20710GT         | CONNECTOR,070120-16-12 .....         | 1           |
| 44          | 28447GT         | ELBOW,070221-16-16 .....             | 1           |
| 45          | 28448GT         | ELBOW,070220-6-8 .....               | 1           |
| 46          | 28560GT         | HOSE ASSY,MOTOR DRAIN TO TEE .....   | 2           |
| 47          | 28446GT         | HOSE END,BARBED,SWIVEL,-10-8 .....   | 4           |
| 48          | 19685GT         | ELBOW,070220-10-12 .....             | 2           |
| 49          | 28445GT         | TEE,UNION,070401-12 .....            | 1           |
| 50          | 21483GT         | REDUCER,070123-12-10 .....           | 2           |
| 51          | 25628GT         | TEE,BRANCH,070429-4-4 .....          | 1           |
| 52          | 28444GT         | TEE,RUN,070428-6-6 .....             | 1           |
| 53          | 28559GT         | HOSE ASSY,LH.2SPEED/RHT.2SPEED ..... | 1           |
| 54          | 28557GT         | HOSE ASSY,LH BRAKE/RH BRAKE .....    | 1           |
| 55          | 13921GT         | ELBOW,070220-4-4 .....               | 1           |

401.1 Ford Dual Fuel 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-   | 65815GT   | CLAMP, AIR CLEANER (27915)** .....   | 1    |
|      |           | clamp that holds the end cap on      |      |
| 6-   | 53952GT   | BRKT,AIR CLEANER ORIENTATION** ..... |      |
| 7    | 27386PGT  | BRACKET,AIR FILTER,PAINTED .....     | 1    |
| 8    | 28714GT   | CARB REPAIR KIT, LSG/LRG-423 .....   | 1    |
| 9    | 28651GT   | SOLENOID, ANTI-DIESELING .....       | 1    |
| 10   | 27922GT   | IGNITION, ELECTRONIC, FORD .....     | 1    |
| 11   | 29439GT   | COIL, AUTOMATIC CHOKE, .....         | 1    |
| 12   | 28662GT   | FILTER,FUEL,LRG-423,SCREW-IN .....   | 1    |
| 13   | 29269GT   | SWITCH,WATER TEMP,S60 .....          | 1    |
|      |           | includes gauge                       |      |
| 14   | 28656GT   | FILTER,OIL,FORD .....                | 1    |
|      |           | Genie genuine part                   |      |
| 14-  | 1259054GT | FILTER, OIL, FORD .....              |      |
|      |           | Genie aftermarket part               |      |
| 15   |           | PUMP,FUEL,FORD .....                 | 1    |
|      |           | Contact service department           |      |
| 16   | 28659GT   | GASKET,FUEL PUMP,FORD .....          | 1    |
| 17   | 28716GT   | ALTERNATOR,FORD LSG-423*** .....     | 1    |
| 18   | 28652GT   | BELT,V, FAN/ALT,FORD LSG423 .....    | 2    |
| 19   | 45171GT   | CLAMP,HOSE,1.75,LINED .....          | 2    |
| 20   | 28769GT   | HOSE,BOTTOM RADIATOR,FORD .....      | 1    |
| 21   | 28666GT   | PUMP,WATER,FORD .....                | 1    |
| 22   |           | GASKET,WATER PUMP,FORD .....         | 1    |
|      |           | (no longer available)                |      |
| 23   | 28770GT   | HOSE, TOP RADIATOR, FORD .....       | 1    |

401.1 Ford Dual Fuel Engine - View 1

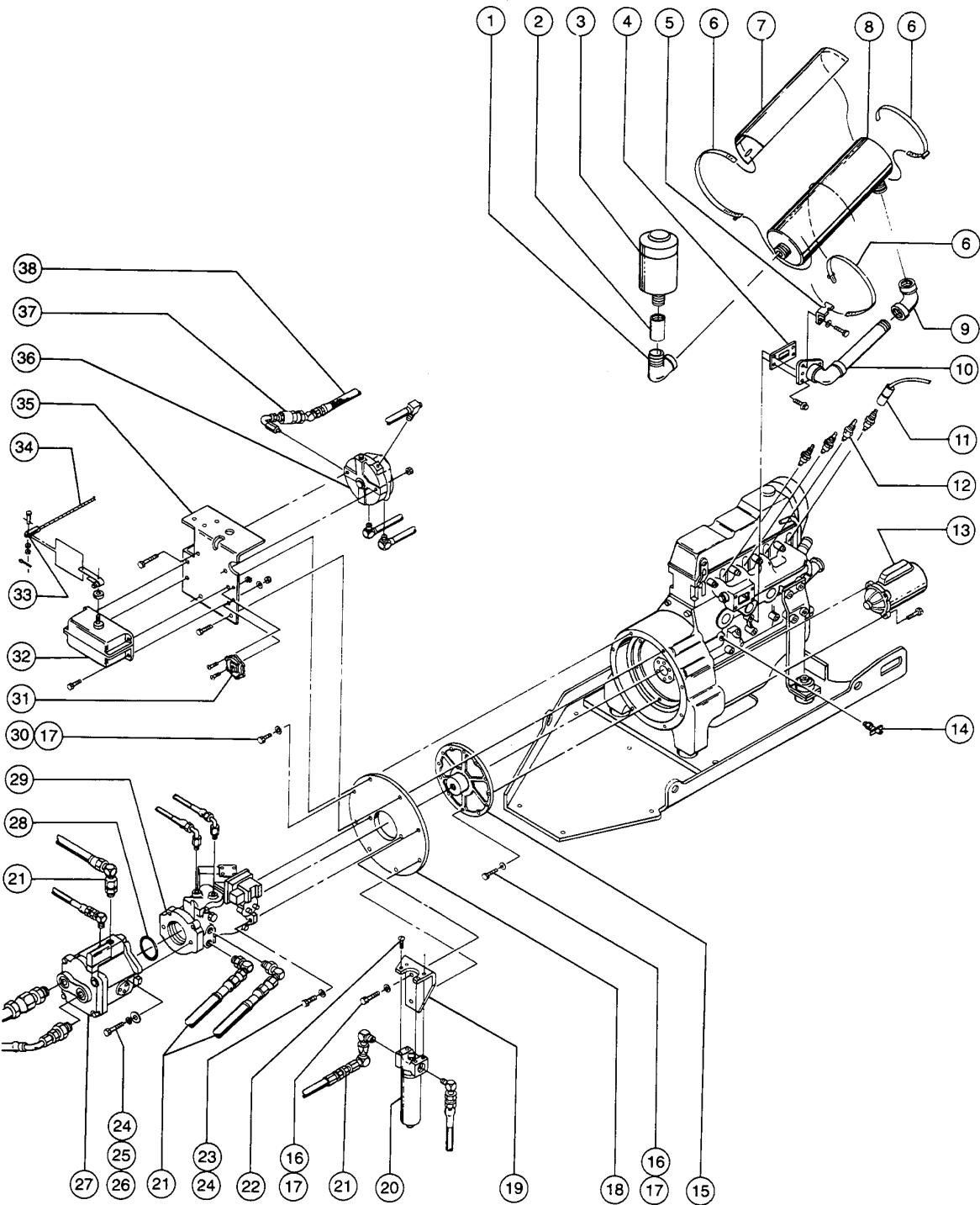




401.1 Ford Dual Fuel Engine - View 1

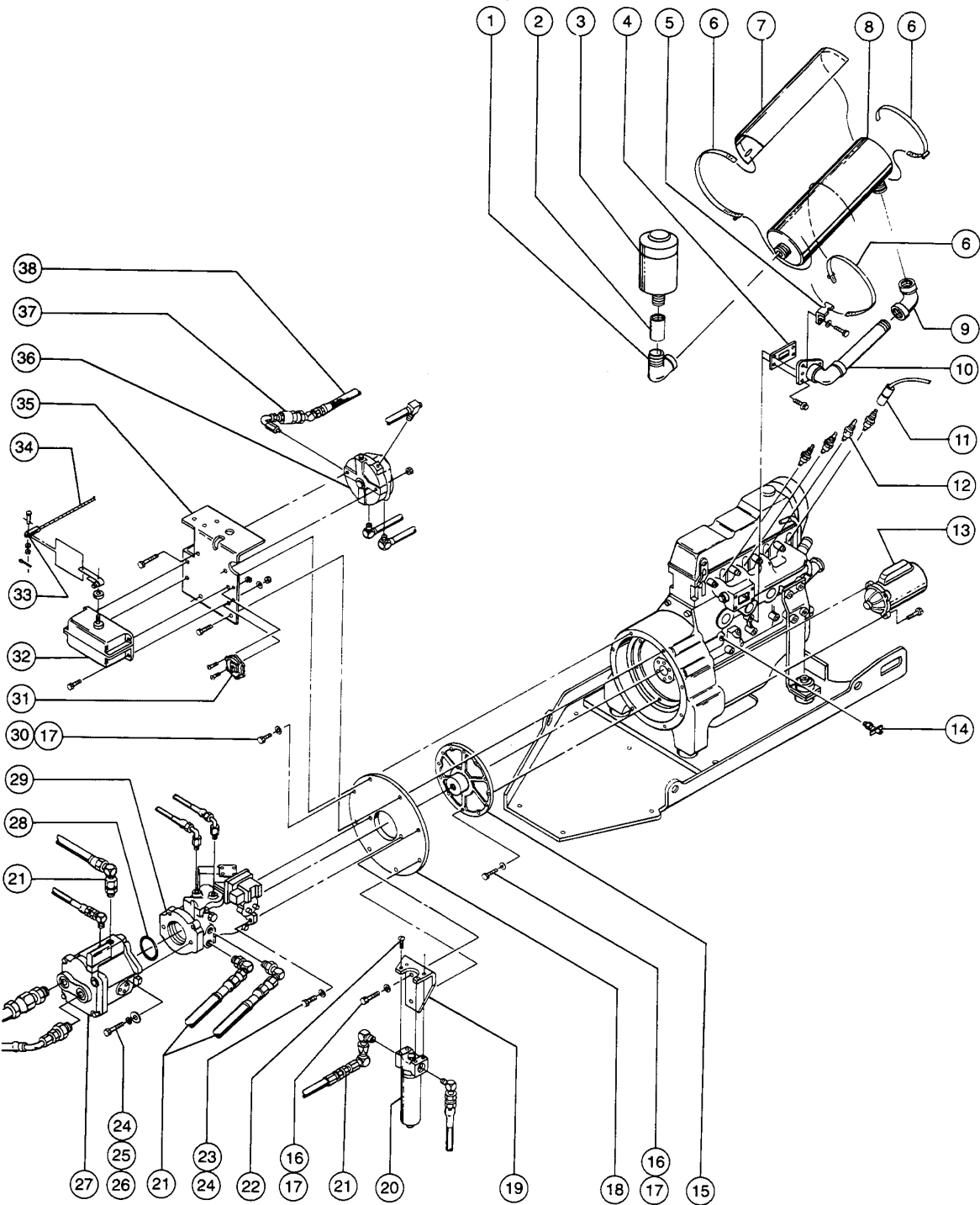
| Item | Part No. | Description                                                 | Qty. |
|------|----------|-------------------------------------------------------------|------|
| 24   |          | THERMOSTAT & SEAL,FORD .....<br>Part is no longer available | 1    |
| 25   | 28654GT  | SEAL,THERMOSTAT,FORD .....                                  | 1    |
| 26   | 28653GT  | GASKET,WATER OUTLET,FORD .....                              | 1    |

402.1 Ford Dual Fuel Engine - View 2



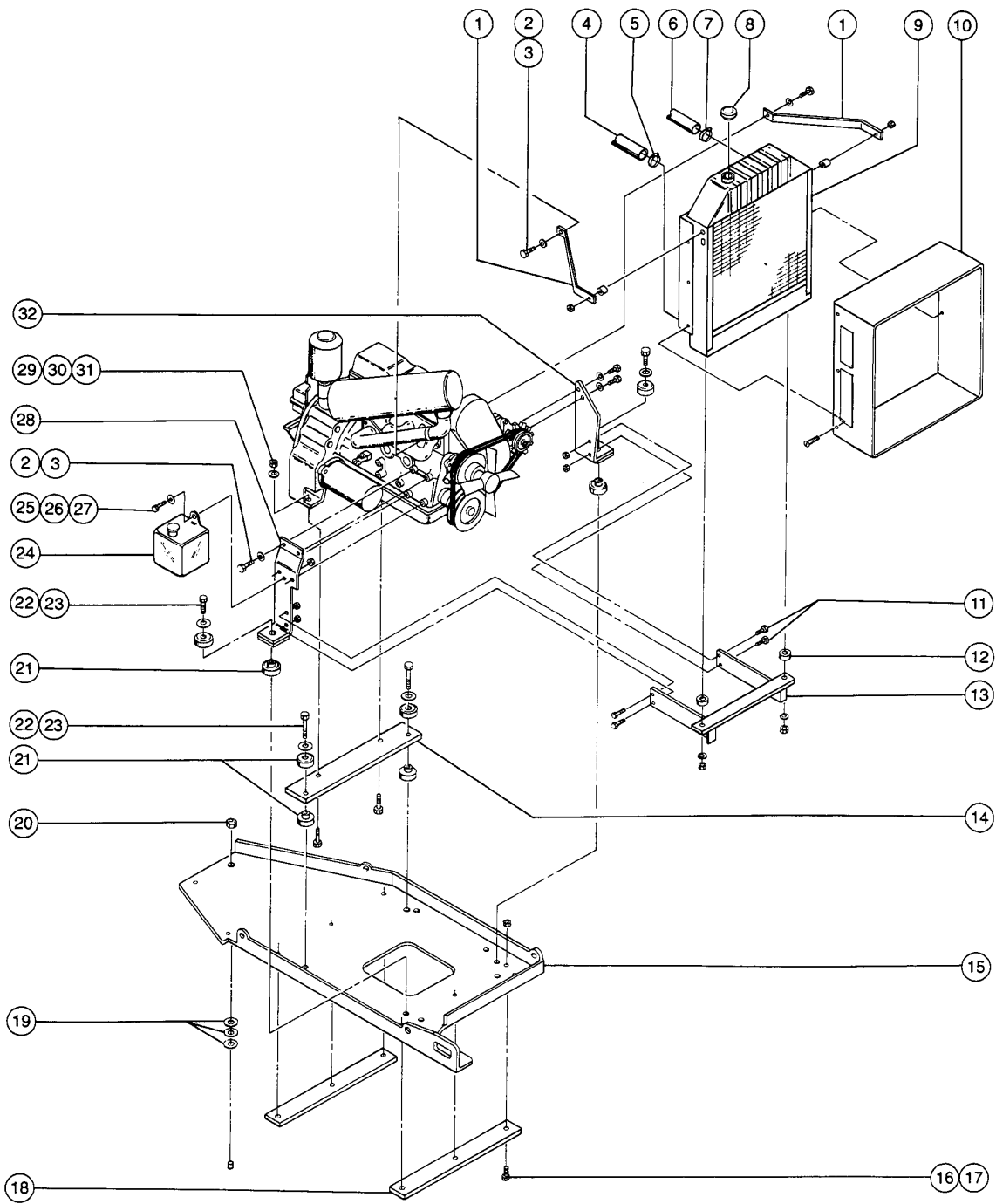
| Item | Part No.   | Description                                    | Qty. |
|------|------------|------------------------------------------------|------|
| 1    |            | Ref. Elbow - Street, 1.5 inch Galvanized ..... | 1    |
| 2    |            | Ref. Coupler - 1.5 inch FPT Galvanized .....   | 1    |
| 3    | 28493GT    | MUFFLER-SPARK ARRESTOR .....                   | 1    |
| 4    | 27142GT    | GASKET,EXHAUST*** .....                        | 1    |
| 5    | 33817GT    | MUFFLER,EXHAUST** .....                        | 1    |
| 6    | 27152GT    | CLAMP,6"MUFLR.-Z45/S60,WORM DR .....           | 3    |
| 7    | 28822GT    | HEAT SHIELD WELDMENT,S60** .....               | 1    |
|      |            | to SN 561                                      |      |
| 7-   | 33003PGT   | HEAT SHIELD,PAINTED .....                      |      |
|      |            | from SN 562                                    |      |
| 8    | 33817GT    | MUFFLER,EXHAUST** .....                        | 1    |
| 9    |            | Ref. Elbow, 1.5 inch FPT Galvanized .....      | 1    |
| 10   | 33817GT    | MUFFLER,EXHAUST** .....                        | 1    |
|      |            | includes index numbers 1, 2 & 9                |      |
| 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   | 28836GT    | COUPLING KIT,FLYWHEEL,FL 15T .....             | 1    |
|      |            | (includes flexplate and coupler)               |      |
| 15   | 37002GT    | COUPLER,HUB,15 TOOTH 7/16BOLT* .....           | 1    |
| 15   | 28819GT    | COUPLER,FLEX PLATE,GRDEX,FORD .....            | 1    |
| 15   | 29747GT    | COUPLER,FLEX PLATE,13T,FORD* .....             | 1    |
| 16   | 6019GT     | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....            | 10   |
| 17   | 6021GT     | WASHER, LOCK, .375 .....                       | 8    |
| 18   | 25571P-SGT | PLATE,PUMP MOUNT,FORD,PAINTED .....            | 1    |
| 19   | 28624PGT   | BRACKET,FILTER MOUNT,PAINTED .....             | 1    |
| 20   |            | FILTER ASY,M PRESS,SAE8,WOIND* (77139) .....   | 1    |
|      |            | component no longer available                  |      |
| 20-  | 60857GT    | FILTER,ELEMENT,BETA(5)=1000 .....              |      |
|      |            | for 77139                                      |      |
| 20-  | 20880GT    | FILTER ELEMENT-10 MIC.*** .....                | 1    |
|      |            | for 20879 (no longer available)                |      |

402.1 Ford Dual Fuel Engine - View 2



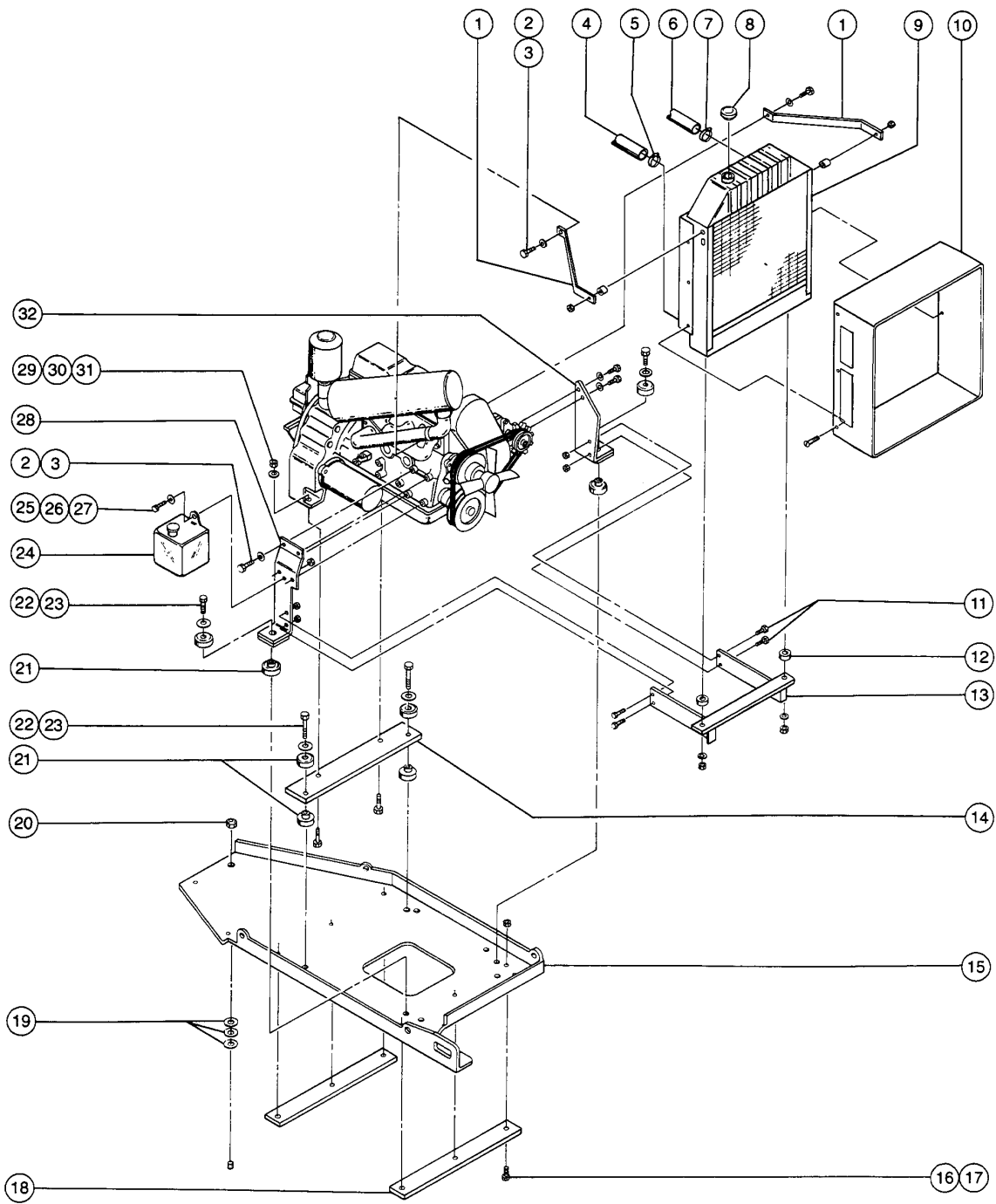
| Item | Part No.     | Description                              | Qty. |
|------|--------------|------------------------------------------|------|
| 20A  | 1267807GT    | ASSEMBLY, MED. PRESS. FILTER, SAE8 ..... |      |
| 20A- | 1268229GT    | ELEMENT-5 MIC, PAPER, W/ BYPASS .....    |      |
|      |              | for 1267807                              |      |
| 21   |              | Ref. Hydraulic Hoses & Fittings .....    | 1    |
|      |              | refer to section 510.1                   |      |
| 22   | 21019GT      | SCREW,PHIL,PHM,10-24 X.5,SEMS .....      | 4    |
| 23   | 8177GT       | SCREW,HHC,1/2-13 X 1.5 .....             | 2    |
| 24   | 6033GT       | WASHER,LOCK,0.5" .....                   | 4    |
| 25   | 10597GT      | SCREW,HHC,1/2-13 X 1.25 GR5 .....        | 2    |
| 26   | 13066GT      | WASHER,FLAT,.5 HARDENED .....            | 2    |
| 27   | 29295GT      | PUMP,L38 .....                           | 1    |
| 27   | 29740GT      | SEAL KIT,L38 PUMP .....                  | 1    |
| 28   | 22811GT      | O-RING,MOTOR TO BRAKE*** .....           | 1    |
|      |              | measures approx 4" x 0.10"               |      |
| 29   | 28834GT      | PUMP ASSEMBLY,M46,SERVICE .....          | 1    |
|      |              | includes 15 tooth splined coupler        |      |
| 29   | 29739GT      | SEAL KIT,SAUER-DANFOSS M46*** .....      | 1    |
| 30   | 6175GT       | SCREW,HHC,3/8-16 X 1 .....               | 4    |
| 31   | 22278GT      | SWITCH,VACUUM .....                      | 1    |
| 32   | 27917GT      | GOVERNOR,MECHNCL,FORD LSG423 .....       | 1    |
| 33   | 21130GT      | CLEVIS YOKE-1/4-28,PLTD W/PIN .....      | 1    |
| 34   | 30785-1500GT | THREADED ROD,1/4-28 X 15 IN*** .....     | 1    |
| 35   | 28621PGT     | BRACKET,AIR FILTER,PAINTED .....         | 1    |
| 36   |              | REGULATOR,LPG,BEAM #120A .....           | 1    |
|      |              | no longer available                      |      |
| 37   | 27010GT      | VALVE,LOCK OFF,BEAM #FL-418 .....        | 1    |
| 38   | 25967GT      | HOSE ASSEMBLY,LP GAS-86" LNG** .....     | 1    |
|      | 28718GT      | BELT,TIMING,FORD LSG-423** .....         |      |

403.1 Ford Dual Fuel Engine - View 3



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 28362PGT        | BRACKET,RADIATOR SUPPORT,PAINT ..... | 2           |
| 2           | 27034GT         | SCREW,HHC,M10 X 25MM,GR 8.8 .....    | 8           |
| 3           | 22700GT         | WASHER,LOCK,M10 .....                | 8           |
| 4           | 28769GT         | HOSE,BOTTOM RADIATOR,FORD .....      | 1           |
| 5           | 13014GT         | CLAMP,HOSE,2.25" DIA. ....           | 1           |
| 6           | 28770GT         | HOSE, TOP RADIATOR,FORD .....        | 1           |
| 7           | 45171GT         | CLAMP,HOSE,1.75,LINED .....          | 1           |
| 8           | 27943GT         | CAP,RADIATOR,FORD*** .....           | 1           |
| 9           | 27942GT         | RADIATOR,FORD (LSG) .....            | 1           |
| 9           | 28717GT         | VALVE,DRAIN,FORD,BLOCK,RAD. ....     | 1           |
| 10          | 29299GT         | RADIATOR SHROUD ASSY,FORD S60 .....  | 1           |
| 11          | 8516GT          | SCREW, HCC, 3/8-16 X 1.50 .....      | 4           |
| 12          | 24038GT         | SHOCK MOUNT,SMALL .....              | 2           |
| 13          | 25809GT         | RADIATOR MOUNT WELDMENT .....        | 1           |
| 14          | 28234P-SGT      | PLATE,ENGINE MOUNT,PAINTED .....     | 1           |
| 15          | 25797GT         | WELDMENT,ENGINE PIVOT MOUNT .....    | 1           |
| 16          | 14297GT         | SCREW,BHHS,1/4-20 X .75 .....        | 6           |
| 17          | 6889GT          | NUT,LP NYLOCK,1/4-20 .....           | 6           |
| 18          | 25780GT         | WEAR PAD,ENG.MOUNT,22 X 2,S60 .....  | 2           |
| 19          | 13775GT         | WASHER,FLAT,1.063 X 2 X .134 .....   | 3           |
| 20          | 19331GT         | NUT,LP NYLOCK,1-12 .....             | 1           |
| 21          | 28076GT         | ISOLATOR,VIBRATION,LG,RD&WH*** ..... | 4           |
| 22          | 13003GT         | SCREW,HHC,5/8-11 X 3.5 GRD.8 .....   | 4           |
| 23          | 6035GT          | WASHER,FLAT,USS,5/8",Y .....         | 4           |
| 24          | 1279268GT       | BOTTLE, COOLANT RECOVERY, 2QT .....  | 1           |
| 25          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....         | 1           |
| 26          | 6356GT          | WASHER, LOCK, .25 .....              | 1           |
| 27          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....       | 1           |

403.1 Ford Dual Fuel Engine - View 3

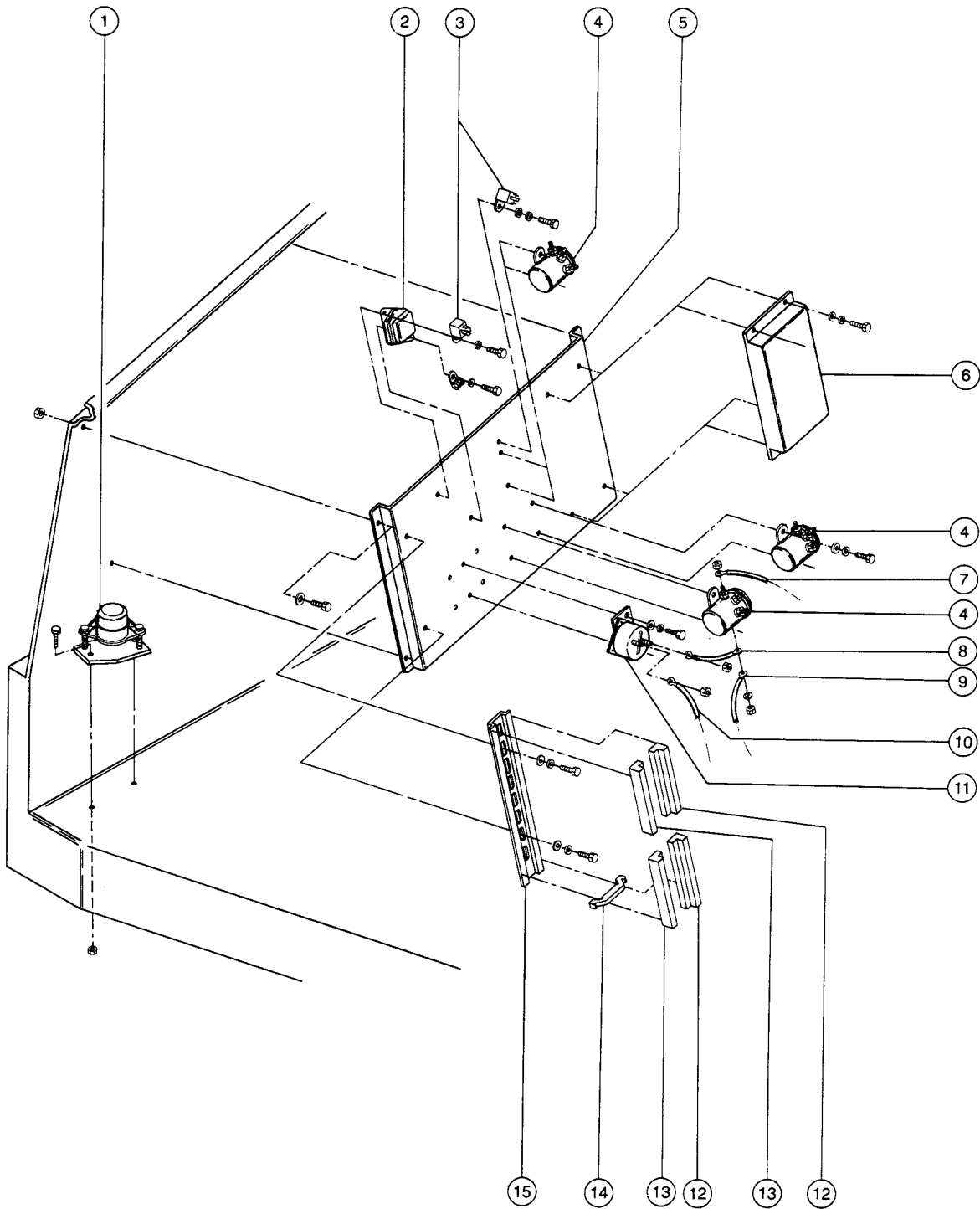




403.1 Ford Dual Fuel Engine - View 3

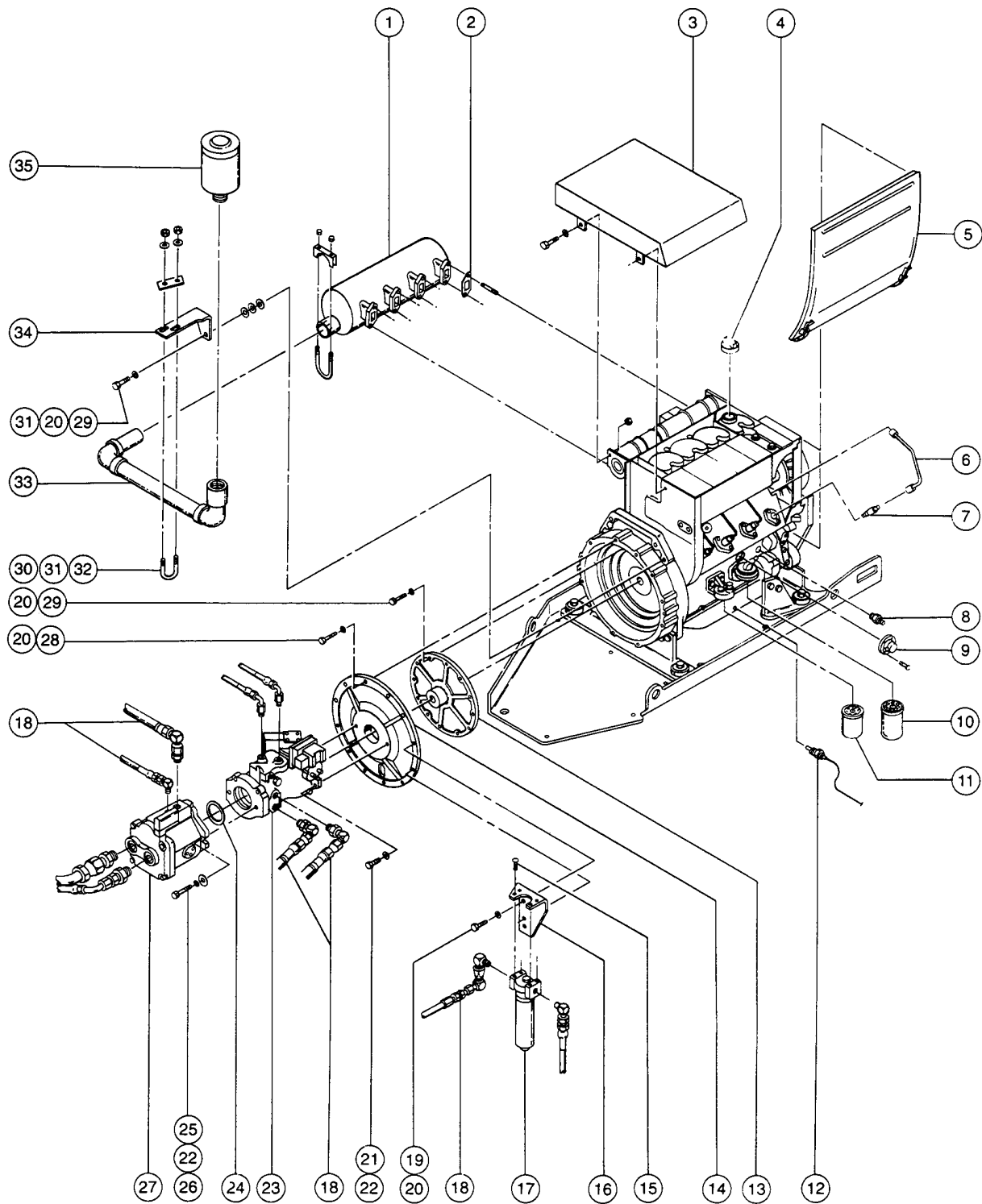
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 28          | 29296GT         | WELDMENT,FORD ENG.MNT,OUTBOARD ..... | 1           |
| 29          | 6198GT          | NUT, NYLOCK, 1/2-13 .....            | 2           |
| 30          | 6095GT          | WASHER,FLAT,USS,1/2",Y .....         | 2           |
| 31          | 10598GT         | SCREW,HHC,1/2-13 X 3 .....           | 2           |
| 32          | 29297GT         | WELDMENT,FORD ENG.MNT,INBOARD .....  | 1           |

404.1 Ford Dual Fuel Engine - View 4



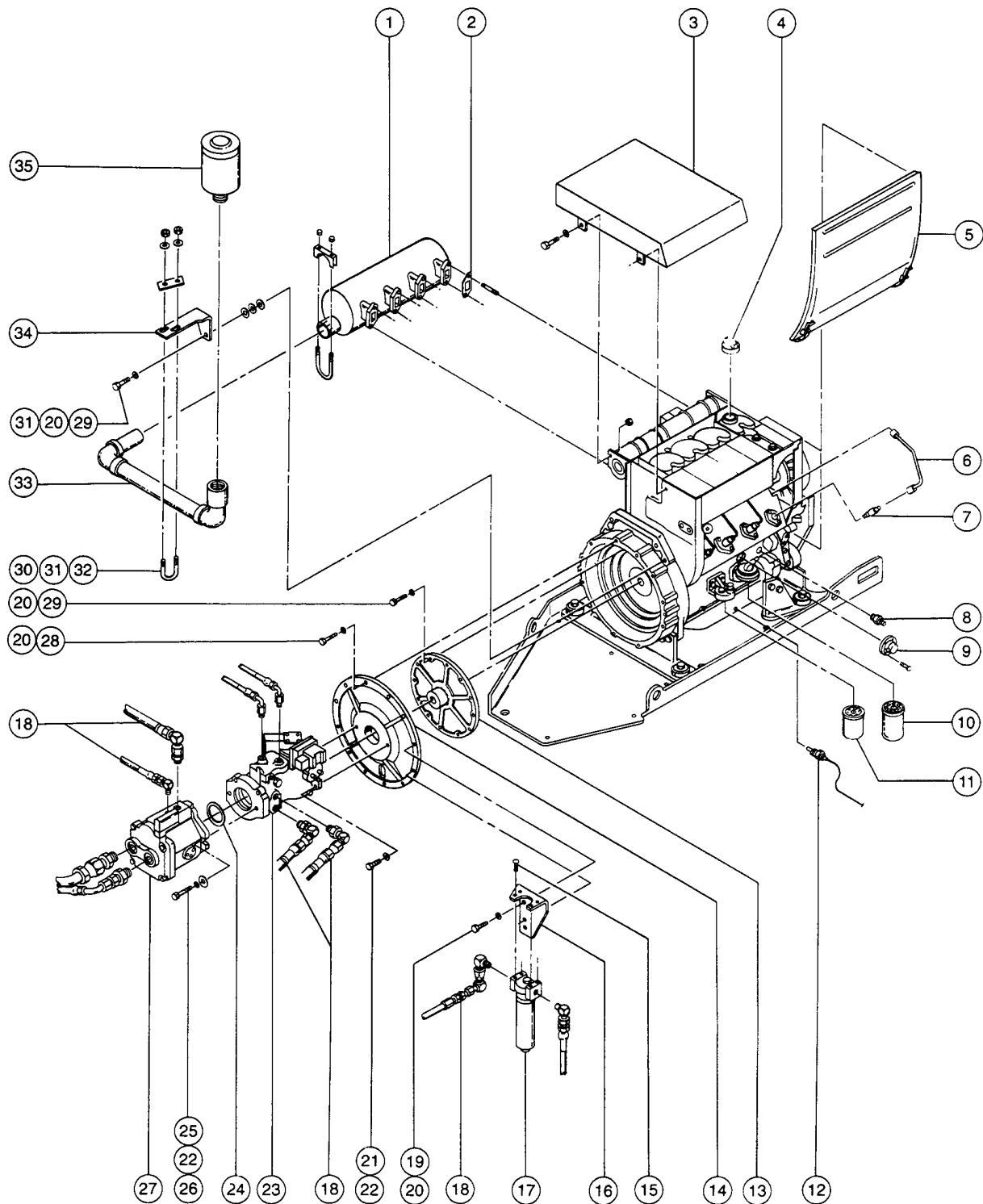
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                 | <i>Qty.</i> |
|-------------|-----------------|------------------------------------|-------------|
| 1           | 44586GT         | SENSOR,LEVEL 4.5*** .....          | 1           |
| 2           | 27919GT         | REGULATOR, VOLTAGE, Z45GP91 .....  | 1           |
| 3           | 19274GT         | RELAY,SPDT,12V(AUTO)** .....       | 2           |
| 4           | 27155GT         | SOLENOID,12V CONTINUOUS*** .....   | 3           |
| 5           | 29311GT         | CONTACTOR MOUNT PLATE ASSY .....   | 1           |
| 6           | 27908GT         | GOVERNOR,CNTRLR,FORD,LSG 423 ..... | 1           |
| 7           | 29303GT         | CABLE ASSY,55" .....               | 1           |
| 8           | 29302GT         | CABLE ASSY,4" .....                | 1           |
| 9           | 29304GT         | CABLE ASSY,115" .....              | 1           |
| 10          | 29305GT         | CABLE ASSY,70" .....               | 1           |
| 11          | 27920GT         | RELAY, STARTER, Z45GP91 .....      | 1           |
| 12          | 25834GT         | QUICK DISCONNECT MALE .....        | 2           |
| 13          | 28308GT         | QUICK DISCONNECT,FEMALE** .....    | 2           |
| 14          | 25838GT         | MOUNTING ADAPTOR .....             | 6           |
| 15          | 28309GT         | DIN RAIL,12" .....                 | 1           |

405.1 Deutz Diesel Engine - View 1



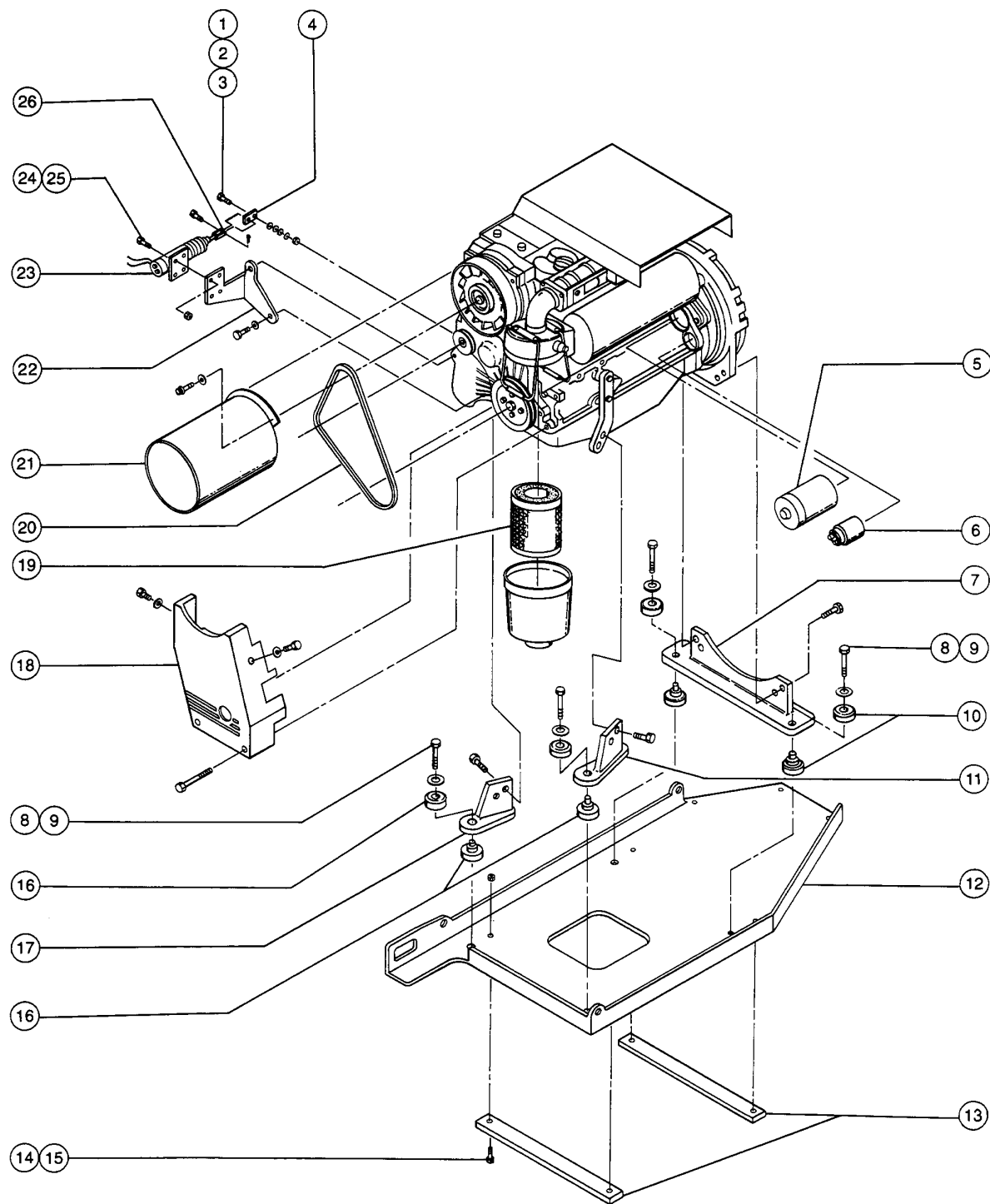
| Item | Part No.  | Description                                                                                                 | Qty. |
|------|-----------|-------------------------------------------------------------------------------------------------------------|------|
|      | 70453GT   | ENGINE,DEUTZ D2011L03I<br>F3L1011 AND F3L1011F Engines only                                                 |      |
| 1    | 29558GT   | MUFFLER**                                                                                                   | 1    |
| 2    | 29559GT   | GASKET,EXHAUST                                                                                              | 4    |
| 3    | 29144PGT  | SHROUD,DEUTZ ENGINE,PAINTED                                                                                 | 1    |
| 4    | 29557GT   | CAP,OIL FILLER,DEUTZ,DIESEL ***                                                                             | 1    |
| 5    | 29556GT   | COVER,SIDE ENGINE                                                                                           | 1    |
| 6    | 29564GT   | INJECTOR, FUEL LINE DEUTZ DSL                                                                               | 4    |
| 7    | 29563GT   | INJECTOR                                                                                                    | 4    |
| 8    |           | SWITCH/SENDER, OIL TEMPERATURE<br>no longer available                                                       | 1    |
| 9    | 29562GT   | PUMP ASSY, FUEL, DEUTZ DIESEL                                                                               | 1    |
| 10   | 29561GT   | FILTER,OIL                                                                                                  | 1    |
| 11   | 29560GT   | FILTER,FUEL/WTR SEP, DTZ 1008<br>Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement. | 1    |
| 11-  | 1254826GT | FUEL FILTER W/SEP,DEUTZ,1008<br>Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.                  | 1    |
| 12   | 29269GT   | SWITCH,WATER TEMP,S60<br>includes gauge                                                                     | 1    |
| 13   | 28836GT   | COUPLING KIT,FLYWHEEL,FL 15T<br>(includes flexplate and coupler)                                            | 1    |
| 13   | 29749GT   | COUPLER,SMALL METAL,15T,***                                                                                 | 1    |
| 13   | 25726GT   | COUPLER,FLEX PLATE,GRDEX,DEUTZ                                                                              | 1    |
| 13   | 29748GT   | COUPLER,FLEX PLATE,13T,DEUTZ                                                                                | 1    |
| 14   | 30806GT   | FLYWHEEL COVER,CASTING***                                                                                   | 1    |
| 15   | 21019GT   | SCREW,PHIL,PHM,10-24 X.5,SEMS                                                                               | 4    |
| 16   | 28624PGT  | BRACKET,FILTER MOUNT,PAINTED                                                                                | 1    |
| 17   |           | FILTER ASY,M PRESS,SAE8,WOIND* (77139)<br>component no longer available                                     | 1    |
| 17-  | 60857GT   | FILTER,ELEMENT,BETA(5)=1000<br>for 77139                                                                    | 1    |
| 17-  | 20880GT   | FILTER ELEMENT-10 MIC.***<br>for 20879 (no longer available)                                                | 1    |
| 17A  | 126780GT  | ASSEMBLY, MED. PRESS. FILTER, SAE8                                                                          |      |
| 17A- | 1268229GT | ELEMENT-5 MIC, PAPER, W/ BYPASS<br>for 1267807                                                              |      |
| 18   |           | Ref. Hydraulic Hoses & Fittings<br>refer to section 510.1                                                   | 1    |
| 19   | 6605GT    | SCREW,HHC,3/8-16 X 3.5,GR5                                                                                  | 2    |

405.1 Deutz Diesel Engine - View 1



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------|-------------|
| 20          | 6021GT          | WASHER, LOCK, .375 .....            | 21          |
| 21          | 8177GT          | SCREW,HHC,1/2-13 X 1.5 .....        | 2           |
| 22          | 6033GT          | WASHER,LOCK,0.5" .....              | 4           |
| 23          | 28834GT         | PUMP ASSEMBLY,M46,SERVICE .....     | 1           |
|             |                 | includes 15 tooth splined coupler   |             |
| 23          | 29739GT         | SEAL KIT,SAUER-DANFOSS M46*** ..... | 1           |
| 24          | 22811GT         | O-RING,MOTOR TO BRAKE*** .....      | 1           |
|             |                 | measures approx 4" x 0.10"          |             |
| 25          | 10597GT         | SCREW,HHC,1/2-13 X 1.25 GR5 .....   | 2           |
| 26          | 13066GT         | WASHER,FLAT,.5 HARDENED .....       | 2           |
| 27          | 29295GT         | PUMP,L38 .....                      | 1           |
| 27          | 29740GT         | SEAL KIT,L38 PUMP .....             | 1           |
| 28          | 6175GT          | SCREW,HHC,3/8-16 X 1 .....          | 9           |
| 29          | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5 ..... | 10          |
| 30          | 6002GT          | NUT, LP NYLOCK, 5/16-18 .....       | 4           |
| 31          | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....    | 9           |
| 32          | 16584GT         | U-BOLT, KIT 5/16-18 X 2.5 *** ..... | 2           |
| 33          | 25749GT         | MANIFOLD, EXHAUST WELDMENT .....    | 1           |
| 34          | 27329PGT        | BRACKET,EXHAUST SUPPRT,PAINT .....  | 1           |
| 35          | 28493GT         | MUFFLER-SPARK ARRESTOR .....        | 1           |

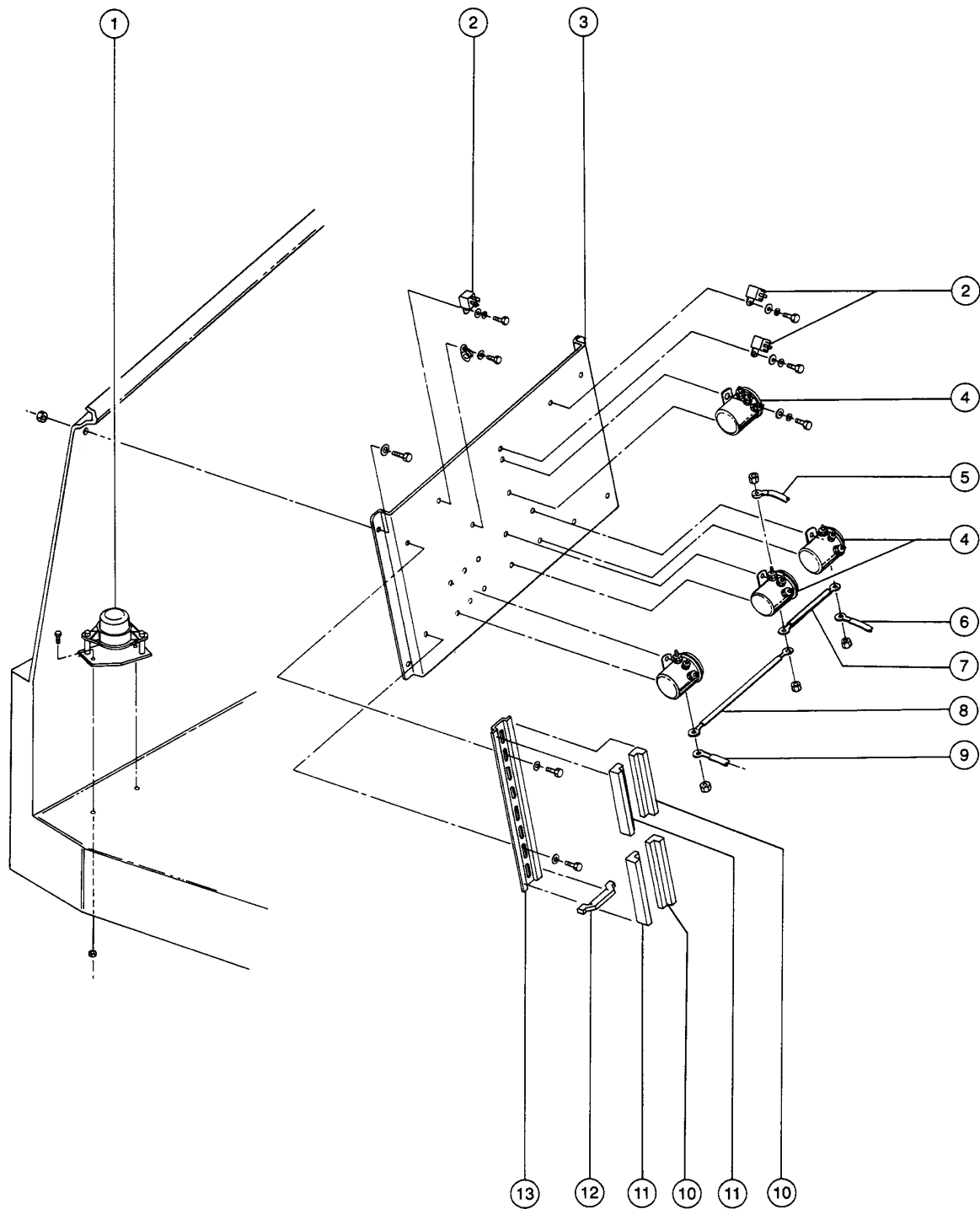
406.1 Deutz Diesel Engine - View 2





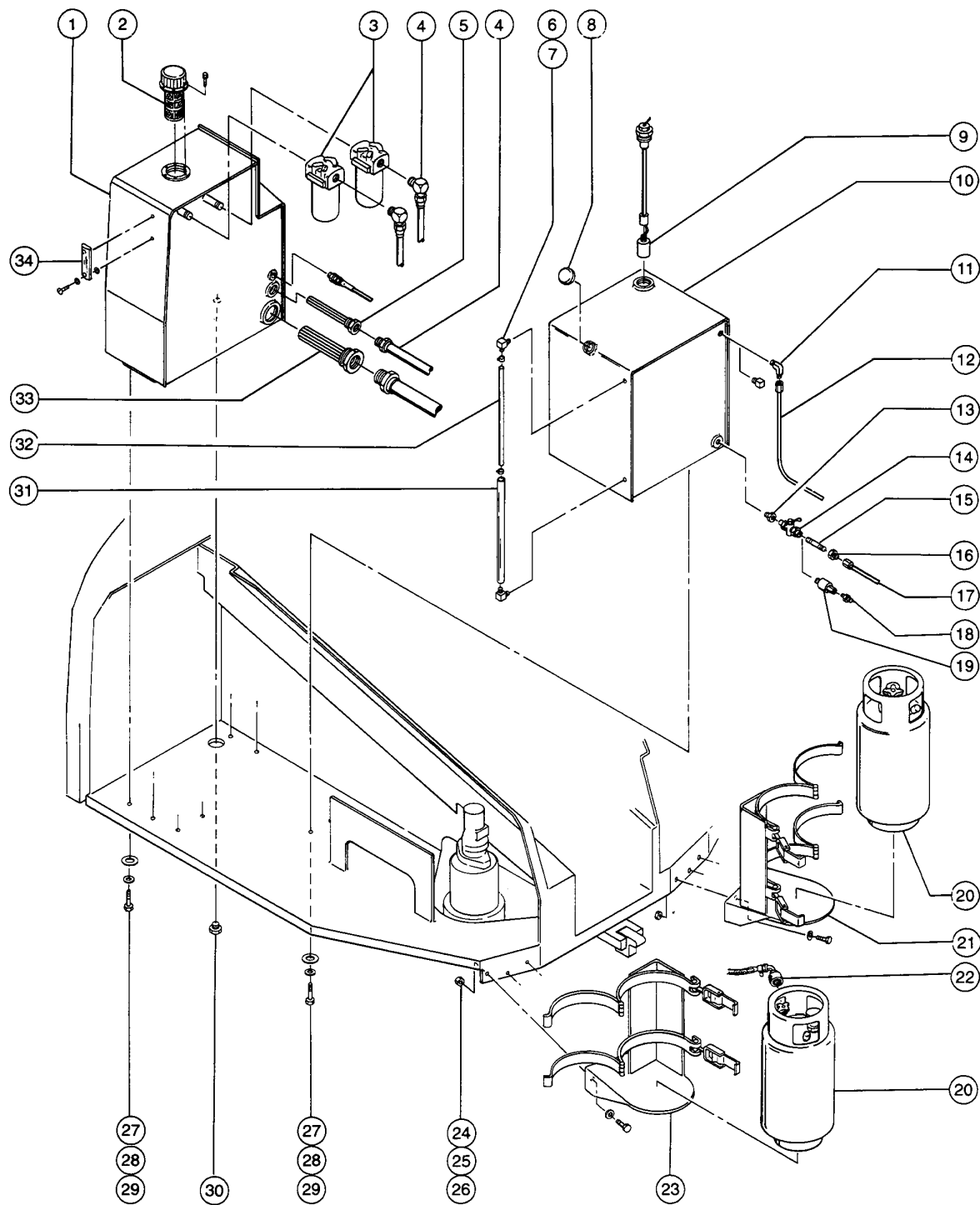
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 25956GT         | SCREW,HHC,M6 X 30MM,GRD 8.8 .....    |             |
| 2           | 25926GT         | WASHER,FLAT,M6 PLTD. ....            | 6           |
| 3           | 14163GT         | NUT,LOCK,M6,METRIC .....             | 1           |
| 4           | 27330GT         | LINK,2 SPEED SOLENOID .....          | 1           |
| 5           | 29551GT         | STARTER ASSY - PRE 8/14/95 .....     | 1           |
|             |                 | includes index number 6              |             |
| 6           | 29552GT         | STARTER SOLENOID, DEUTZ 25484 .....  | 1           |
| 7           | 29550GT         | WELDMENT,DEUTZ ENGINE MOUNT .....    | 1           |
| 8           | 13003GT         | SCREW,HHC,5/8-11 X 3.5 GRD.8 .....   | 4           |
| 9           | 13775GT         | WASHER,FLAT,1.063 X 2 X .134 .....   | 4           |
| 10          | 28076GT         | ISOLATOR,VIBRATION,LG,RD&WH*** ..... | 2           |
| 11          | 29548GT         | WELDMENT,ENGINE MOUNT INBOARD .....  | 1           |
| 12          | 25797GT         | WELDMENT,ENGINE PIVOT MOUNT .....    | 1           |
| 13          | 25780GT         | WEAR PAD,ENG.MOUNT,22 X 2,S60 .....  | 2           |
| 14          | 14297GT         | SCREW,BHHS,1/4-20 X .75 .....        | 4           |
| 15          | 6889GT          | NUT,LP NYLOCK,1/4-20 .....           | 4           |
| 16          | 28076GT         | ISOLATOR,VIBRATION,LG,RD&WH*** ..... | 2           |
| 17          | 29549GT         | WELDMENT,ENGINE MOUNT,OUTBOARD ..... | 1           |
| 18          | 29555GT         | COVER,FRONT DEUTZ ENGINE .....       | 1           |
| 19          | 29553GT         | AIR FILTER .....                     | 1           |
| 20          | 32698GT         | BELT .....                           | 1           |
| 21          | 29191GT         | WELDMENT,AIR INTAKE .....            | 1           |
| 22          | 27331PGT        | BRACKET,2 SPEED SOLENOID, .....      | 1           |
| 23          | 29073GT         | SOLENOID,THROTTLE, .....             | 1           |
| 24          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....       | 4           |
| 25          | 6091GT          | NUT, NYLOCK, 1/4-20 .....            | 4           |
| 26          | 21130GT         | CLEVIS YOKE-1/4-28,PLTD W/PIN .....  | 1           |

407.1 Duetz Diesel Engine - View 3



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>               | <i>Qty.</i> |
|-------------|-----------------|----------------------------------|-------------|
| 1           | 44586GT         | SENSOR,LEVEL 4.5*** .....        | 1           |
| 2           | 19274GT         | RELAY,SPDT,12V(AUTO)** .....     | 3           |
| 3           | 29311GT         | CONTACTOR MOUNT PLATE ASSY ..... | 1           |
| 4           | 27155GT         | SOLENOID,12V CONTINUOUS*** ..... | 4           |
| 5           | 29303GT         | CABLE ASSY,55" .....             | 1           |
| 6           | 29304GT         | CABLE ASSY,115" .....            | 1           |
| 7           | 29486GT         | CABLE ASSEMBLY,1.25" .....       | 1           |
| 8           | 29302GT         | CABLE ASSY,4" .....              | 1           |
| 9           | 29305GT         | CABLE ASSY,70" .....             | 1           |
| 10          | 25834GT         | QUICK DISCONNECT MALE .....      | 2           |
| 11          | 28308GT         | QUICK DISCONNECT,FEMALE** .....  | 2           |
| 12          | 25838GT         | MOUNTING ADAPTOR .....           | 6           |
| 13          | 28309GT         | DIN RAIL,12" .....               | 1           |

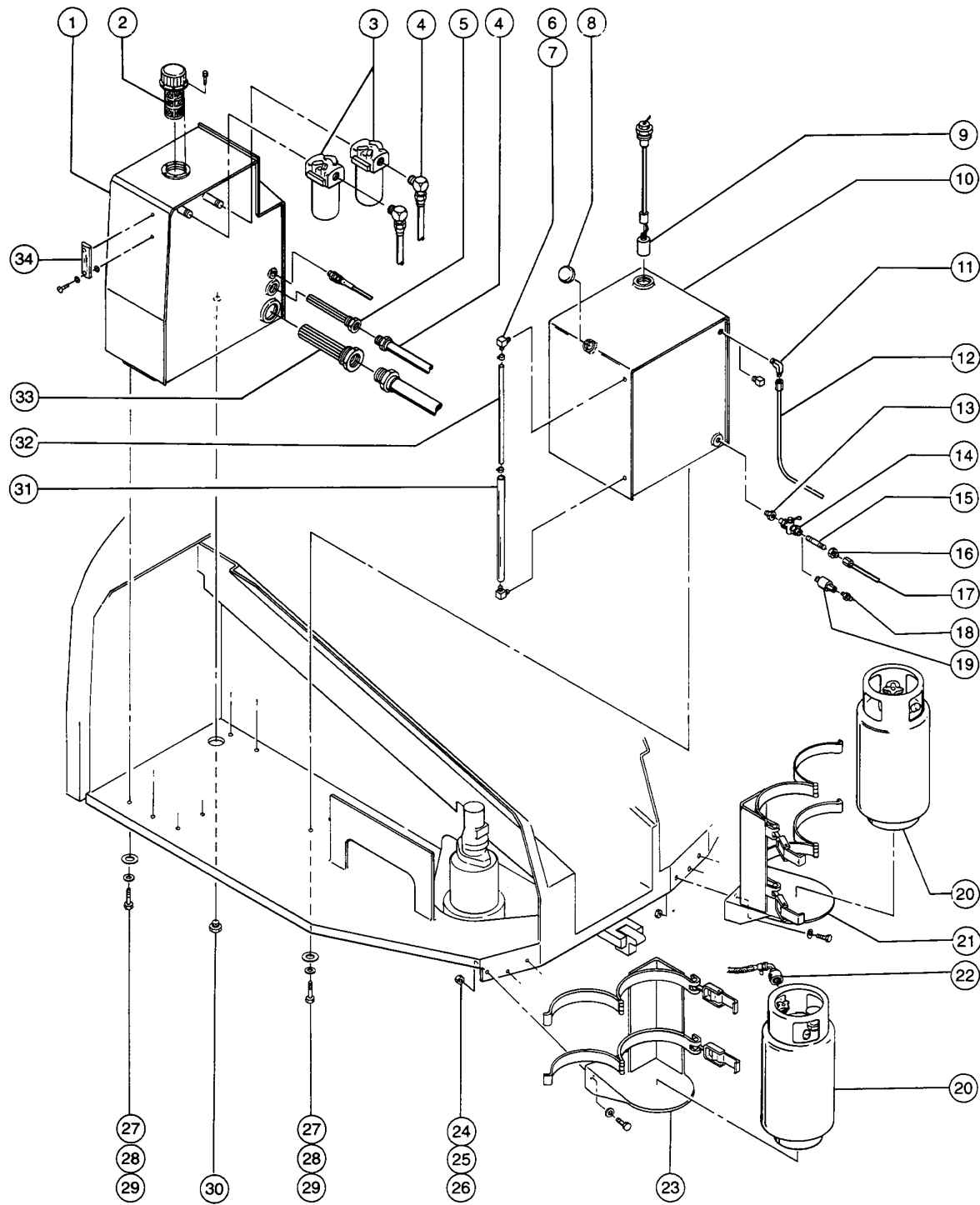
501.1 Hydraulic Reservoir and Fuel Tanks



## 501.1 Hydraulic Reservoir and Fuel Tanks

| Item | Part No. | Description                                                                   | Qty. |
|------|----------|-------------------------------------------------------------------------------|------|
| 1    |          | TANK, HYDRAULIC, 49 GALLON**<br>No longer available, contact customer service | 1    |
| 2    | 53534GT  | FILTER SCREEN, TANK BREATHER                                                  | 1    |
| 3    | 20279GT  | FILTER ASSEMBLY W/INDICATOR RH                                                | 2    |
| 3    | 20293GT  | FILTER ELEMENT-10MICRON.**                                                    | 2    |
| 4    |          | Ref. Hydraulic Hoses & Fittings<br>refer to section 510.1                     | 2    |
| 5    | 45161GT  | STRAINER ASSEMBLY, 1.5" NPT                                                   | 1    |
| 6    | 27040GT  | ELBOW, 90DEG. 3/8MPT-3/8 BARB                                                 | 2    |
| 7    | 21465GT  | CLAMP, HOSE, .25" - .63" X .3125                                              | 2    |
| 8    | 28829GT  | CAP, FUEL, RED***<br>models with Ford LSG-423 Dual Fuel Engine                | 1    |
| 8    | 25567GT  | CAP, FUEL, GREEN*<br>models with Deutz F4L 1011 Diesel Engine                 | 1    |
| 9    | 28110GT  | SWITCH, LOW FUEL LEVEL                                                        | 1    |
| 10   | 27300GT  | TANK, FUEL, 46 GALLON                                                         | 1    |
| 11   | 29134GT  | ELBOW, 070202-6-6<br>models with Deutz F4L 1011 Diesel Engine                 | 1    |
| 12   | 29085GT  | TUBE, RETURN LINE<br>models with Deutz F4L 1011 Diesel Engine                 | 1    |
| 13   | 6648GT   | BUSHING, 140140-6-4                                                           | 1    |
| 14   | 19487GT  | VALVE, FUEL LOCK                                                              | 1    |
| 15   | 29152GT  | NIPPLE, 1/4 MPT X 3", BRASS<br>models with Deutz F4L 1011 Diesel Engine       | 1    |
| 16   | 27166GT  | CONNECTOR, 070103-6-4<br>models with Deutz F4L 1011 Diesel Engine             | 1    |
| 17   |          | TUBE, FUEL LINE, 3/8"<br>Part is no longer available                          | 1    |
| 18   | 29111GT  | CONNECTOR, 070102-6-2<br>models with Deutz F4L 1011 Diesel Engine             | 1    |
| 19   | 139898GT | SOLENOID-GASOLINE FUEL<br>models with Ford LSG-423 Dual Fuel Engine           | 1    |
| 20   | 53605GT  | TANK, 7 GAL/33.5 POUND, LP                                                    | 2    |
| 21   | 29310GT  | WELDMENT, L.P. BOTTLE MNT, R.S.                                               | 1    |
| 22   | 25967GT  | HOSE ASSEMBLY, LP GAS-86" LNG**                                               | 1    |
| 23   | 29309GT  | WELDMENT, L.P. BOTTLE MNT, L.S.                                               | 1    |
| 24   | 6198GT   | NUT, NYLOCK, 1/2-13                                                           | 6    |
| 25   | 6095GT   | WASHER, FLAT, USS, 1/2", Y                                                    | 6    |
| 26   | 8177GT   | SCREW, HHC, 1/2-13 X 1.5                                                      | 6    |

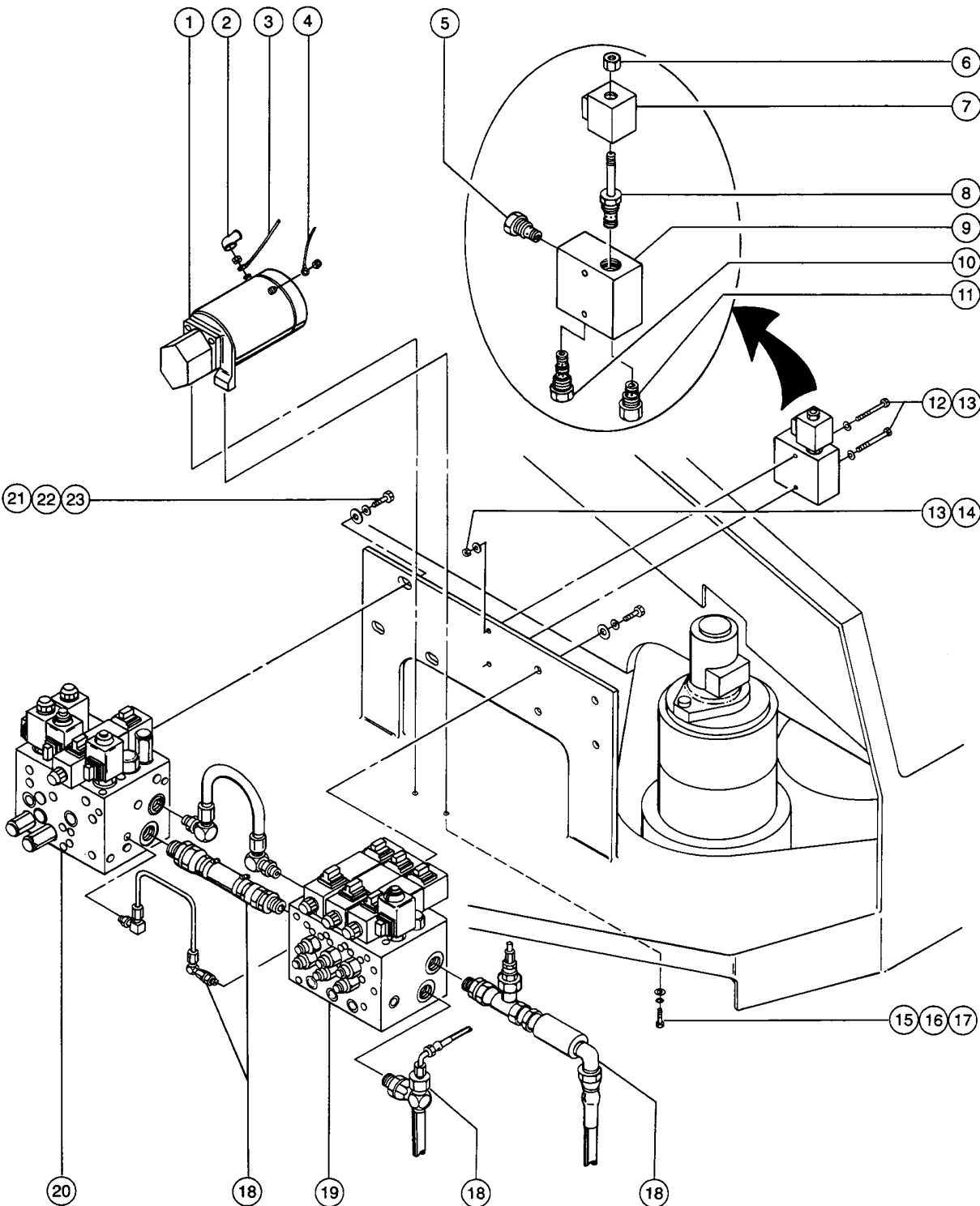
501.1 Hydraulic Reservoir and Fuel Tanks



## 501.1 Hydraulic Reservoir and Fuel Tanks

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                   | <i>Qty.</i>      |
|-------------|-----------------|------------------------------------------------------------------------------------------------------|------------------|
| 27          | 6175GT          | SCREW,HHC,3/8-16 X 1 .....                                                                           | 8                |
| 28          | 6021GT          | WASHER, LOCK, .375 .....                                                                             | 8                |
| 29          | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....                                                                     | 8                |
| 30          | 14262GT         | PLUG,HEX SOCKET,3/8 MPT .....                                                                        | 1                |
| 31          | 28828GT         | TUBE,FUEL SIGHT GAUGE GUARD .....                                                                    | 1                |
| 32          | 27071GT         | TUBE,FUEL SIGHT<br>it is recommended to also order PN 28828 when replacing the fuel sight tube ..... | 22<br>in<br>ches |
| 33          | 27963GT         | STRAINER,SUCTION,2" FPT .....                                                                        | 1                |
| 34          | 21141GT         | GAUGE-SIGHT,LHA-LGTB*** .....                                                                        | 1                |

502.1 Function Manifold and Auxiliary Power Unit Installation

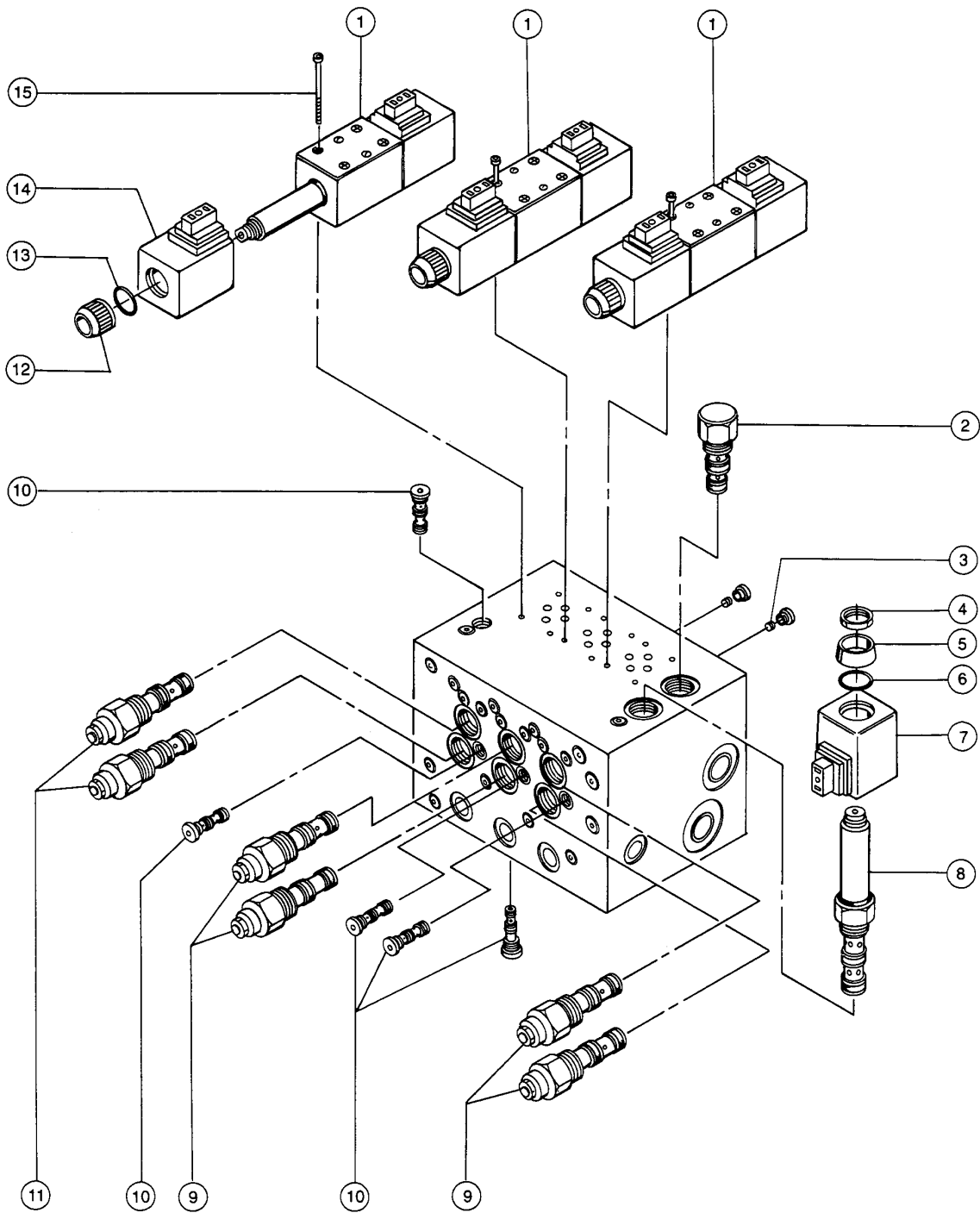




## 502.1 Function Manifold and Auxiliary Power Unit Installation

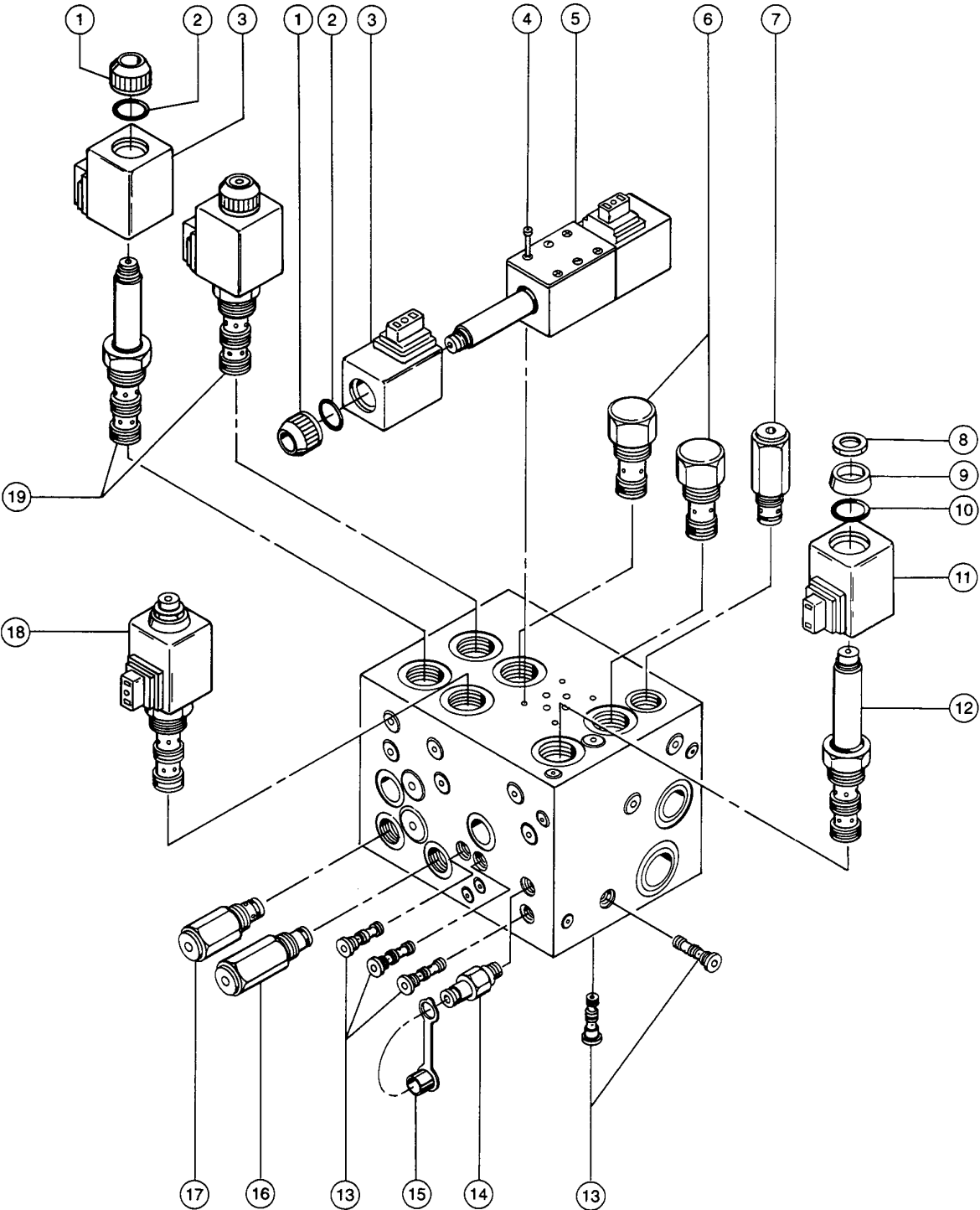
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                   | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------------|-------------|
| 1           | 89617GT         | POWER UNIT,AUX PUMP 12VDC .....                                      | 1           |
| 1           | 27914GT         | MOTOR,12V DC (24573) .....                                           | 1           |
| 1           | 29417GT         | PUMP ASSY.(27648)***** .....                                         | 1           |
| 1           | 29428GT         | VALVE,CHECK .....                                                    | 1           |
| 1           | 29429GT         | VALVE,RELIEF .....                                                   | 1           |
| 1           | 29418GT         | COUPLER - 27648 POWER UNIT .....                                     | 1           |
| 2           | 8910GT          | BOOT,CABLE TERM,MED.RED,4/0 .....                                    | 1           |
| 3           | 29303GT         | CABLE ASSY,55" .....                                                 | 1           |
| 4           | 29320GT         | CABLE ASSEMBLY,50" .....                                             | 1           |
| 5           | 29318GT         | VALVE,CHECK .....                                                    | 1           |
| 6           | 45912GT         | NUT,SOLENOID VALVE 2P3W .....                                        | 1           |
| 7           | 29744GT         | COIL,10V .....                                                       | 1           |
| 8           | 29743GT         | VALVE,SOLENOID<br>includes 1 each index number 6 & 7 .....           | 1           |
| 9           | 28631GT         | MANIFOLD,AUX.POWER UNIT<br>includes 1 each index number 5 - 11 ..... | 1           |
| 10          | 27050GT         | VALVE,DIFFERENTIAL SENSING .....                                     | 1           |
| 11          | 29319GT         | VALVE,FLOW CONTROL .....                                             | 1           |
| 12          | 6884GT          | SCREW,HHC,1/4-20 X 2.5 .....                                         | 2           |
| 13          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                       | 4           |
| 14          | 6091GT          | NUT, NYLOCK, 1/4-20 .....                                            | 2           |
| 15          | 6175GT          | SCREW,HHC,3/8-16 X 1 .....                                           | 2           |
| 16          | 6021GT          | WASHER, LOCK, .375 .....                                             | 2           |
| 17          | 6097GT          | WASHER, FLAT, USS, 3/8", Y .....                                     | 2           |
| 18          |                 | Ref. Hydraulic Hoses & Fittings .....                                | 2           |
|             |                 | refer to section 510.1                                               |             |
| 19          | 25222GT         | MANIFOLD,FCTN,SWING,ROT,LVL(A) .....                                 | 1           |
| 20          | 28300GT         | MANIFOLD,FUNCTN,EXTEND,LIFT(B) .....                                 | 1           |
| 21          | 10597GT         | SCREW,HHC,1/2-13 X 1.25 GR5 .....                                    | 8           |
| 22          | 6033GT          | WASHER,LOCK,0.5" .....                                               | 8           |
| 23          | 6095GT          | WASHER,FLAT,USS,1/2",Y .....                                         | 8           |

503.1 Function Manifold "A"



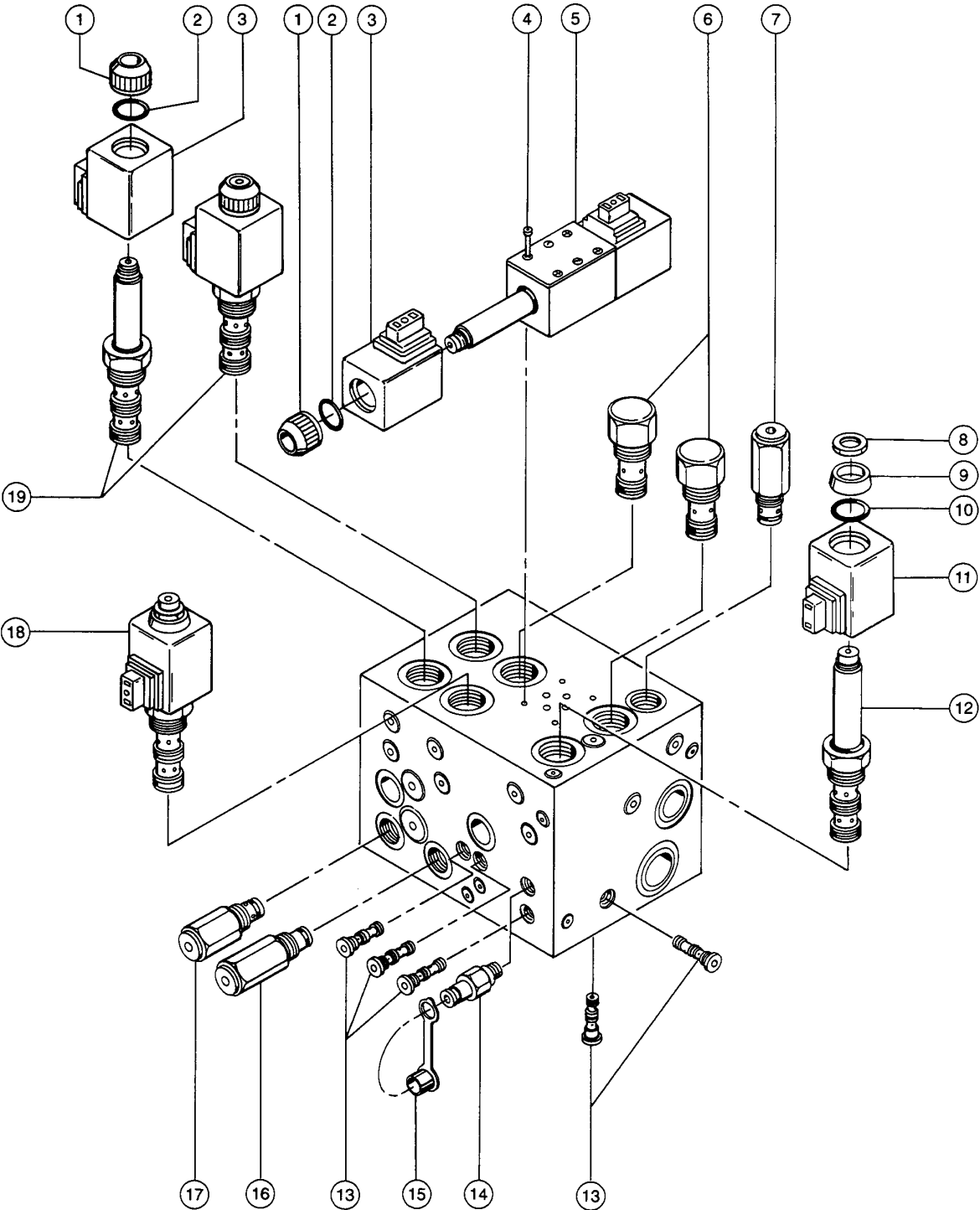
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                  | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------------------|-------------|
|             | 25222GT         | MANIFOLD,FCTN,SWING,ROT,LVL(A)                                      |             |
|             | 25375GT         | KIT, O-RING                                                         |             |
| 1           | 27811GT         | VALVE,DO1<br>includes 2 each index numbers 12-14                    | 3           |
| 2           | 27802GT         | VALVE,DIFFERENTIAL SENSING***                                       | 1           |
| 2           | 110197GT        | SEAL KIT, VALVE, #10                                                |             |
| 3           | 29737GT         | PLUG,ORIFICE,0.052 INCH                                             | 2           |
| 4           | 45921GT         | RETAINER-N.C.PROPOR.SOLENOID                                        | 1           |
| 5           | 45921GT         | RETAINER-N.C.PROPOR.SOLENOID                                        | 1           |
| 6           | 45914GT         | O-RING, DO1 VALVE                                                   | 1           |
| 7           | 21935GT         | COIL, 12V, 19972/21623/29069                                        | 1           |
| 8           | 27801GT         | VALVE,PROPORTIONAL SOLENOID***<br>includes 1 each index numbers 4-7 | 1           |
| 8           | 89310GT         | SEAL KIT, SOLENOID VALVE                                            |             |
| 9           | 27047GT         | VALVE,COUNTERBALANCE                                                | 4           |
| 9           | 110202GT        | SEAL KIT, VALVE, #10                                                |             |
| 10          | 45483GT         | VALVE,SHUTTLE***                                                    | 5           |
| 11          | 29208GT         | VALVE,COUNTERBALANCE                                                | 2           |
| 11          | 110202GT        | SEAL KIT, VALVE, #10                                                |             |
| 12          | 45913GT         | NUT,DO1 VALVE                                                       | 6           |
| 13          | 45914GT         | O-RING, DO1 VALVE                                                   | 6           |
| 14          | 27813GT         | COIL,D01,10V***                                                     | 6           |
| 15          | 45414GT         | SCREW,SHC,1/4-20 X 1.25                                             | 12          |

504.1 Function Manifold "B"



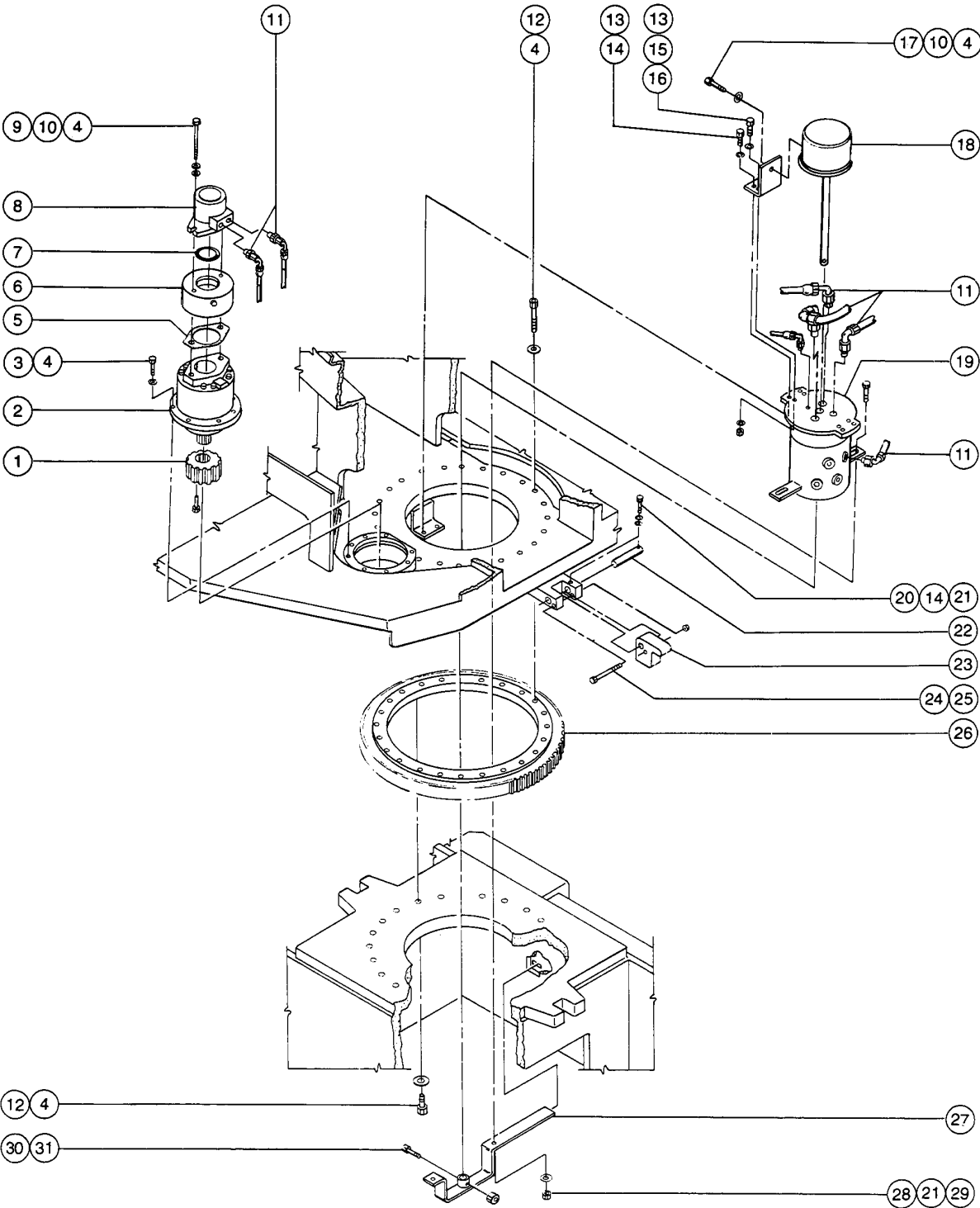
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                             | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------|-------------|
|             | 28300GT         | MANIFOLD,FUNCTN,EXTEND,LIFT(B) .....                                           |             |
|             | 25375GT         | KIT, O-RING .....                                                              |             |
| 1           | 45913GT         | NUT,DO1 VALVE .....                                                            | 4           |
| 2           | 45914GT         | O-RING, DO1 VALVE .....                                                        | 4           |
| 3           | 27813GT         | COIL,D01,10V*** .....                                                          | 4           |
| 4           | 45414GT         | SCREW,SHC,1/4-20 X 1.25 .....                                                  | 4           |
| 5           | 27811GT         | VALVE,DO1<br>includes 2 each index numbers 1-3 .....                           | 1           |
| 6           | 27802GT         | VALVE,DIFFERENTIAL SENSING*** .....                                            | 2           |
| 6-          | 110197GT        | SEAL KIT, VALVE, #10 .....                                                     |             |
| 7           | 29068GT         | VALVE,RELIEF 1200 PSI .....                                                    | 1           |
| 7-          | 110194GT        | SEAL KIT, VALVE, #10 .....                                                     |             |
| 8           | 45921GT         | RETAINER-N.C.PROPOR.SOLENOID .....                                             | 2           |
| 9           | 45921GT         | RETAINER-N.C.PROPOR.SOLENOID .....                                             | 2           |
| 10          | 45914GT         | O-RING, DO1 VALVE .....                                                        | 2           |
| 11          | 21935GT         | COIL, 12V, 19972/21623/29069 .....                                             | 2           |
| 12          | 29069GT         | VALVE,PROPORTIONAL,12V<br>includes 1 each index numbers 8-11 .....             | 1           |
| 12-         | 110198GT        | SEAL KIT, VALVE, #12 .....                                                     |             |
| 13          | 45483GT         | VALVE,SHUTTLE*** .....                                                         | 5           |
| 14          | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                                                     | 1           |
| 14-         | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                                                | 1           |
| 15          | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                                                    | 1           |
| 16          | 45489GT         | VALVE,RELIEF 3000 PSI*** .....                                                 | 1           |
| 16-         | 110194GT        | SEAL KIT, VALVE, #10 .....                                                     |             |
| 17          | 27837GT         | VALVE,RELIEF 1000 PSI,S60/V24D .....                                           | 1           |
| 17-         | 110194GT        | SEAL KIT, VALVE, #10 .....                                                     |             |
| 18          |                 | VALVE,PROPORTIONAL,12V<br>no longer available,(contact customer service) ..... | 1           |
| 18-         | 110198GT        | SEAL KIT, VALVE, #12 .....                                                     |             |
| 19          | 77500GT         | VALVE,SOLENOID 2 POS 3 WAY<br>includes 1 each index numbers 1-3 .....          | 2           |

504.1 Function Manifold "B"



| Item | Part No. | Description                | Qty. |
|------|----------|----------------------------|------|
| 19-  | 110198GT | SEAL KIT, VALVE, #12 ..... |      |

505.1 Hydraulic and Electrical Rotary Couplers and Turntable Rotator

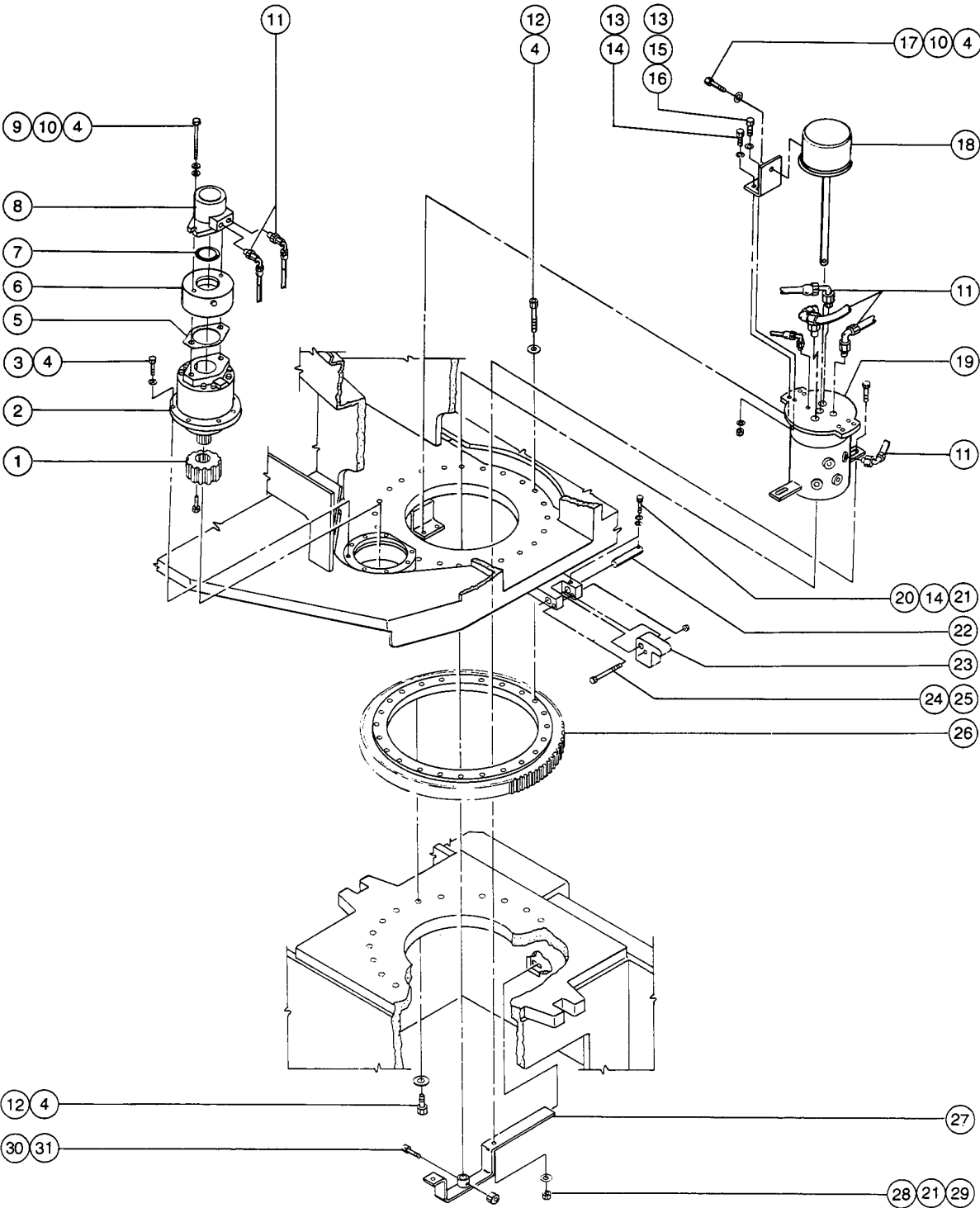




## 505.1 Hydraulic and Electrical Rotary Couplers and Turntable Rotator

| Item | Part No. | Description                                                                                 | Qty. |
|------|----------|---------------------------------------------------------------------------------------------|------|
| 1    | 29421GT  | PINION GEAR .....                                                                           | 1    |
| 2    | 29232GT  | TORQUE HUB,36:1*** .....                                                                    | 1    |
| 2    | 29290GT  | SEAL KIT,FAIRFIELD (S1A2)*** .....                                                          | 1    |
| 3    | 21686GT  | SCREW,SHC,1/2-13 X 1.75 .....                                                               | 8    |
| 4    | 13066GT  | WASHER,FLAT,.5 HARDENED .....                                                               | 65   |
| 5    | 19794GT  | GASKET,BRAKE ASSY .....                                                                     | 1    |
| 6    | 29422PGT | BRAKE,S6O SWING/Z45 DRIVE<br>shown; includes index numbers 5 and 7; from SN 00133 .....     | 1    |
| 6    | 29291GT  | SEAL KIT,MICO .....                                                                         | 1    |
| 6    | 29292GT  | BRAKE,LINING KIT,MICO .....                                                                 | 1    |
| 6    | 29293GT  | BEARING KIT,MICO .....                                                                      | 1    |
| 6    | 22372GT  | BRAKE,ESKRIDGE-Z45 SWING<br>includes index numbers 5 and 7; from SN 00001 to SN 00132 ..... | 1    |
| 6    | 23066GT  | SEAL KIT,ESK.BRK,ALL EXC.19451 .....                                                        | 1    |
| 6    | 29286GT  | BRAKE SEPARATOR PLT ,ESKRG .....                                                            | 1    |
| 6    | 29287GT  | BRAKE REBUILD KIT, ESKRIDGE ** .....                                                        | 1    |
| 7    | 22811GT  | O-RING,MOTOR TO BRAKE***<br>measures approx 4" x 0.10" .....                                | 1    |
| 8    | 32952GT  | MOTOR,TURNTABLE ROT.(34114)*** .....                                                        | 1    |
| 8-   | 33445GT  | SEAL KIT,DRIVE MOTOR ( 32952 ) .....                                                        | 1    |
| 9    | 7261GT   | SCREW,HHC,1/2-13 X 5 BLACK .....                                                            | 2    |
| 10   | 6033GT   | WASHER,LOCK,0.5" .....                                                                      | 3    |
| 11   |          | Ref. Hydraulic Hoses & Fittings .....                                                       | 3    |
|      |          | refer to section 510.1                                                                      |      |
| 12   | 28118GT  | SCREW,SHC,1/2-13 X 2.75 .....                                                               | 54   |
| 13   | 8516GT   | SCREW, HCC, 3/8-16 X 1.50 .....                                                             | 4    |
| 14   | 6021GT   | WASHER, LOCK, .375 .....                                                                    | 3    |
| 15   | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                                                            | 4    |
| 16   | 4828GT   | NUT, NYLOCK, 3/8-16 .....                                                                   | 2    |
| 17   | 10587GT  | SCREW,HHC,1/2-13 X.75 .....                                                                 | 1    |
| 18   | 25225GT  | COUPLER,ELECTRIC ROTARY .....                                                               | 1    |
| 18   | 29419GT  | BRUSH & HOLDER ASSY,25225 SWIV .....                                                        | 1    |

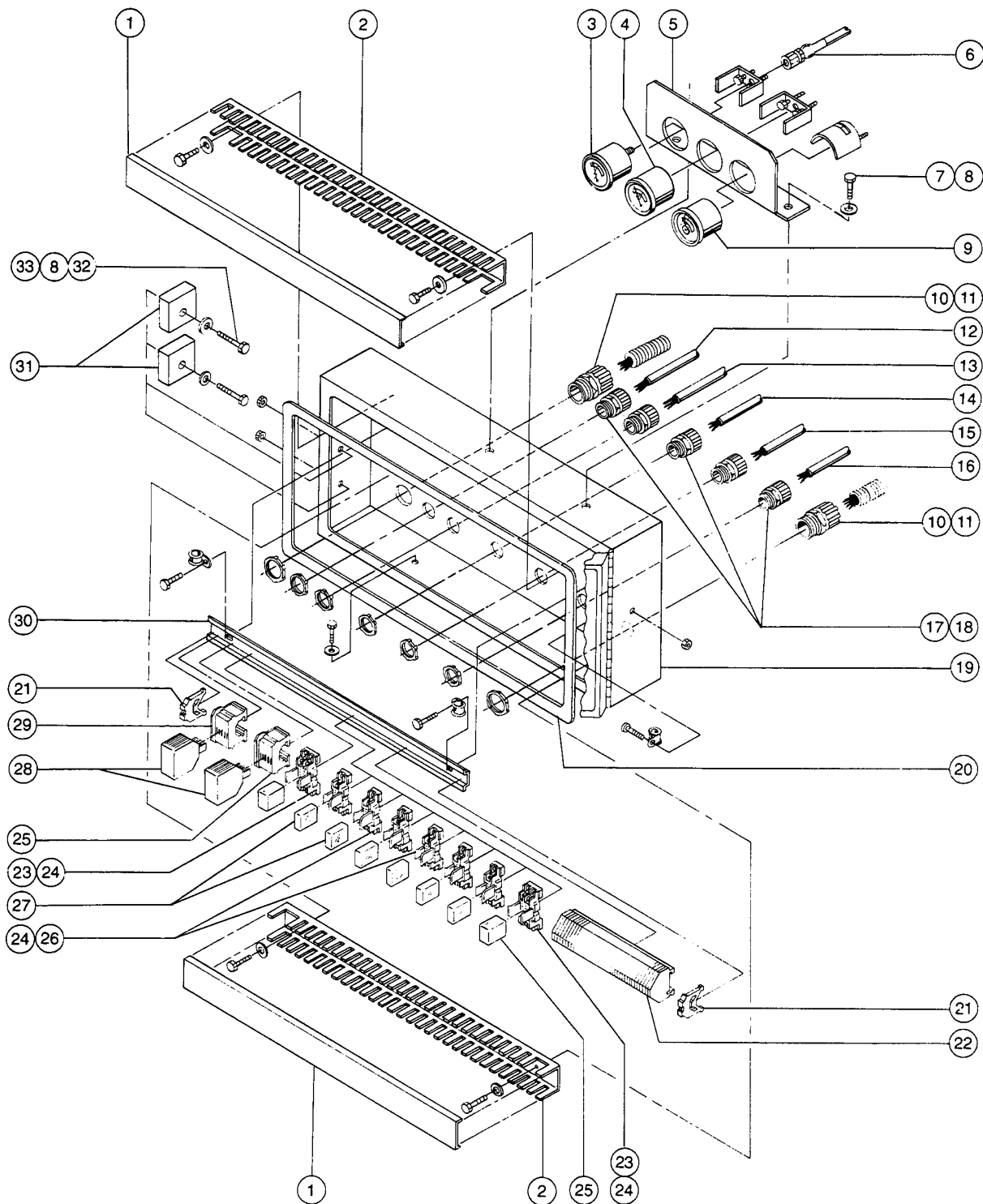
505.1 Hydraulic and Electrical Rotary Couplers and Turntable Rotator



## 505.1 Hydraulic and Electrical Rotary Couplers and Turntable Rotator

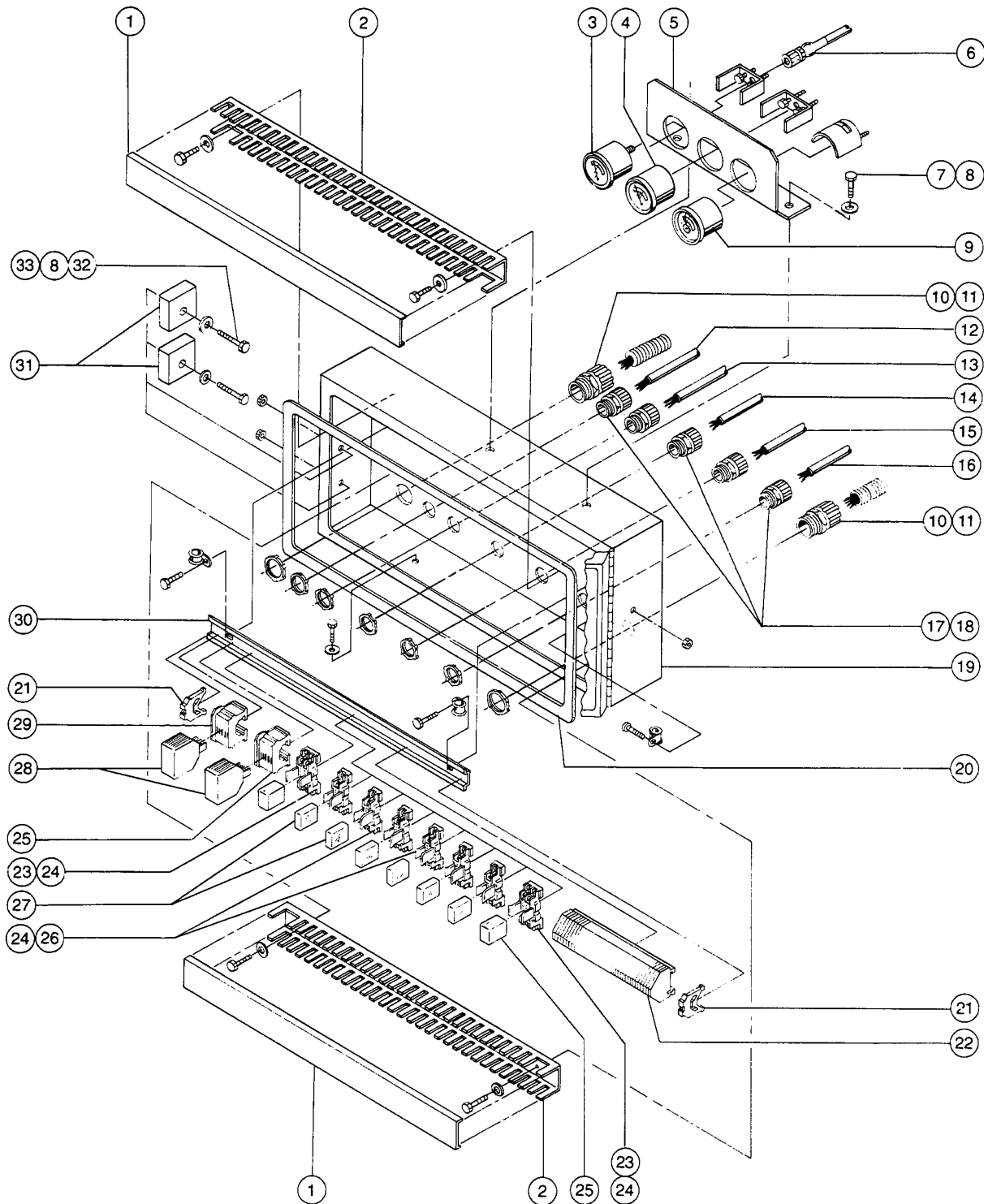
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 18          | 29735GT         | MICROSWITCH,ELECTRIC ROTARY .....    | 1           |
| 18          | 29734GT         | HARNESS,WIRE,ROTARY/CNTRL.BOX .....  | 1           |
| 18          | 29733GT         | HARNESS,WIRE,ROTARY/MANIFOLD .....   | 1           |
| 19          |                 | SWIVEL,HYDRAULIC,360 DEG .....       | 1           |
|             |                 | no longer available                  |             |
| 19          | 29420GT         | SEAL KIT,SWIVEL *** .....            | 1           |
| 20          | 5224GT          | SCREW,HHC,3/8-16 X 2 .....           | 1           |
| 21          | 6097GT          | WASHER, FLAT, USS, 3/8", Y .....     | 5           |
| 22          | 27728GT         | PIN,1.00DIA X 4.63LG,1HOLE .....     | 1           |
| 23          | 27653PGT        | TURNTABLE ROTATION STOP-PAINTD ..... | 1           |
| 24          | 12461GT         | SCREW,HHC,1/2-13 X 5,GRD.8 .....     | 1           |
| 25          | 6086GT          | NUT,LP NYLOCK,1/2-13 .....           | 1           |
| 26          | 25223GT         | BEARING,SWING CHASSIS .....          | 1           |
| 27          | 27742GT         | WELDMENT,HYDRAULIC ROTARY MNT. ....  | 1           |
| 28          | 4828GT          | NUT, NYLOCK, 3/8-16 .....            | 2           |
| 29          | 13918GT         | SCREW,HHC,3/8-16 X 1.75,GRD.8 .....  | 2           |
| 30          | 6884GT          | SCREW,HHC,1/4-20 X 2.5 .....         | 1           |
| 31          | 6091GT          | NUT, NYLOCK, 1/4-20 .....            | 1           |

506.1 Ground Controls - View 1



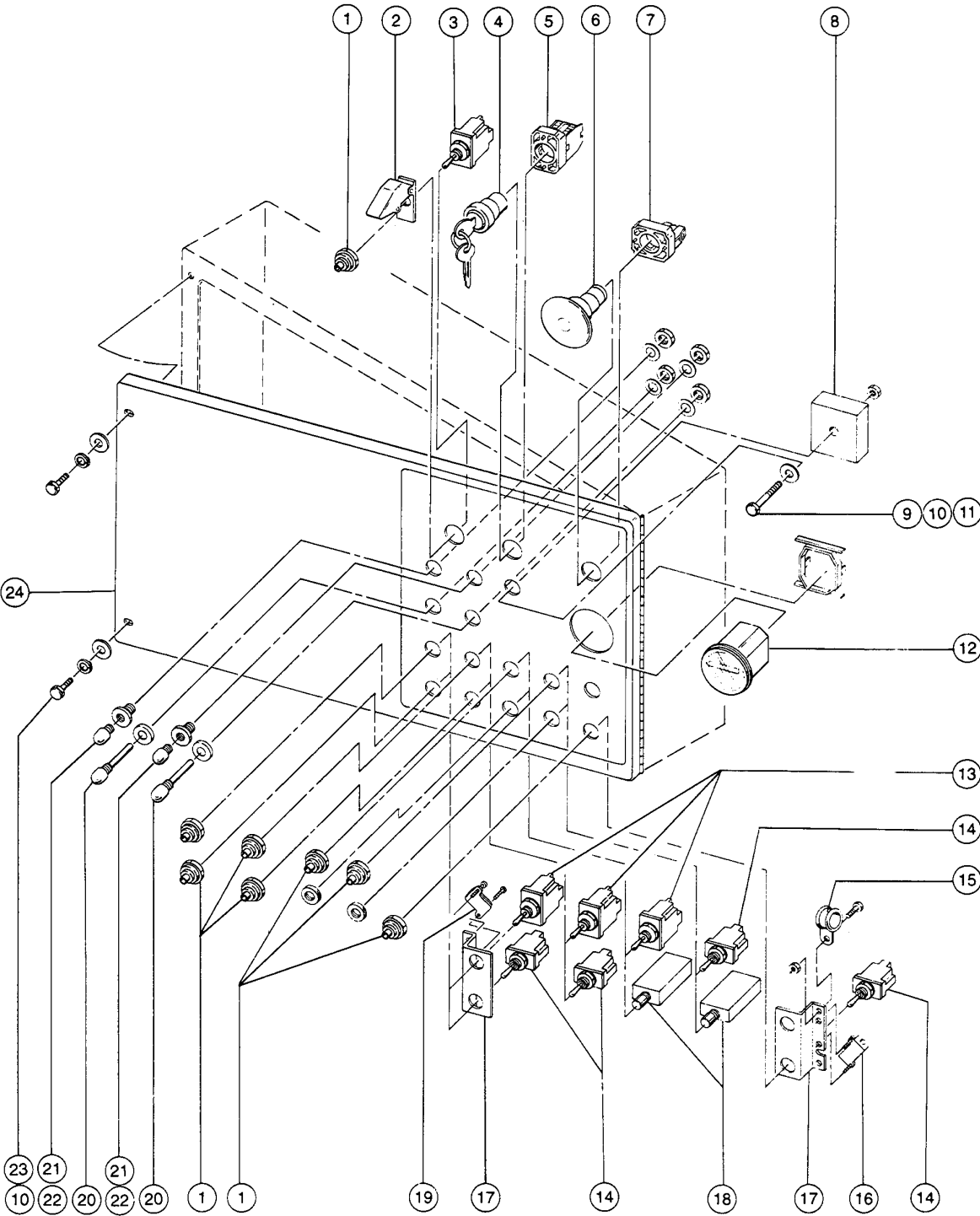
| Item | Part No. | Description                               | Qty.                  |
|------|----------|-------------------------------------------|-----------------------|
| 1    | 29607GT  | WIRING DUCT/COVER, 1 X 72 IN** .....      | 48<br>in<br>ch<br>es  |
| 2    | 29607GT  | WIRING DUCT/COVER, 1 X 72 IN** .....      | 48<br>in<br>ch<br>es  |
| 3    | 29262GT  | GAUGE, OIL,S60 .....                      | 1                     |
| 4    | 29269GT  | SWITCH,WATER TEMP,S60 .....               | 1                     |
|      |          | includes sensing probe                    |                       |
| 5    | 28112PGT | BRACKET,ENGINE GAUGES,PAINTED .....       | 1                     |
| 6    | 28609GT  | HOSE,OIL PRESSURE .....                   | 1                     |
|      |          | models with Ford LSG-423 Dual Fuel Engine |                       |
| 6    | 29187GT  | HOSE ASSEMBLY,OIL PRESSURE .....          | 1                     |
|      |          | models with Deutz F4L 1011 Diesel Engine  |                       |
| 7    | 7339GT   | SCREW,HHC,1/4-20 X .5 .....               | 8                     |
| 8    | 6638GT   | WASHER, FLAT, USS, 1/4"Y .....            | 8                     |
| 9    | 29270GT  | VOLT METER,12VDC,S60 .....                | 1                     |
| 10   | 20776GT  | CABLE SQUEEZE CONN. ....                  | 2                     |
| 11   | 18665GT  | LOCKNUT,ELECTRIC,1" NPT .....             | 2                     |
| 12   | 29734GT  | HARNESS,WIRE,ROTARY/CNTRL.BOX .....       | 1                     |
| 13   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....         | 140<br>in<br>ch<br>es |
| 14   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....         | 924<br>in<br>ch<br>es |
| 15   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....         | 936<br>in<br>ch<br>es |
| 16   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....         | 948<br>in<br>ch<br>es |
| 17   | 12960GT  | CABLE SQUEEZE CONN.,XTRA LRG .....        | 5                     |
| 18   | 14041GT  | LOCKNUT,ELECTRIC,3/4" .....               | 5                     |
| 19   | 29284GT  | CONTROL BOX W/LID+DECAL,GROUND .....      | 1                     |
|      |          | includes 1 each index number 20           |                       |
| 20   | 28689GT  | GASKET,GROUND CONTROL BOX .....           | 1                     |
| 21   | 25974GT  | PLASTIC END STOP .....                    | 2                     |
| 22   | 25836GT  | TERMINAL BLOCK(SINGLE),WAGO*** .....      | 50                    |
| 23   | 24119GT  | RELAY SOCKET,DPDT,SCREW TERM .....        | 2                     |

506.1 Ground Controls - View 1



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                  | <i>Qty.</i> |
|-------------|-----------------|-------------------------------------|-------------|
| 24          | 24343GT         | RELAY HOLD DOWN .....               | 16          |
| 25          | 24118GT         | RELAY,DPDT,12VDC .....              | 2           |
| 26          | 20813GT         | SOCKET,RELAY .....                  | 6           |
| 27          | 25563GT         | RELAY,SPDT,12VDC .....              | 6           |
| 28          | 25807GT         | DIODE BLOCK SUPPRESSION .....       | 2           |
| 29          | 25808GT         | CARRIER TERMINAL(5 PER BLOCK) ..... | 2           |
| 30          | 28310GT         | DIN RAIL,23.75" .....               | 1           |
| 31          | 147421GT        | KIT, RELAY, TIME DELAY 4 SEC .....  | 2           |
|             |                 | includes installation instructions  |             |
| 32          | 8915GT          | SCREW, HHC, 1/4-20 X 1.25 .....     | 2           |
| 33          | 6889GT          | NUT,LP NYLOCK,1/4-20 .....          | 2           |

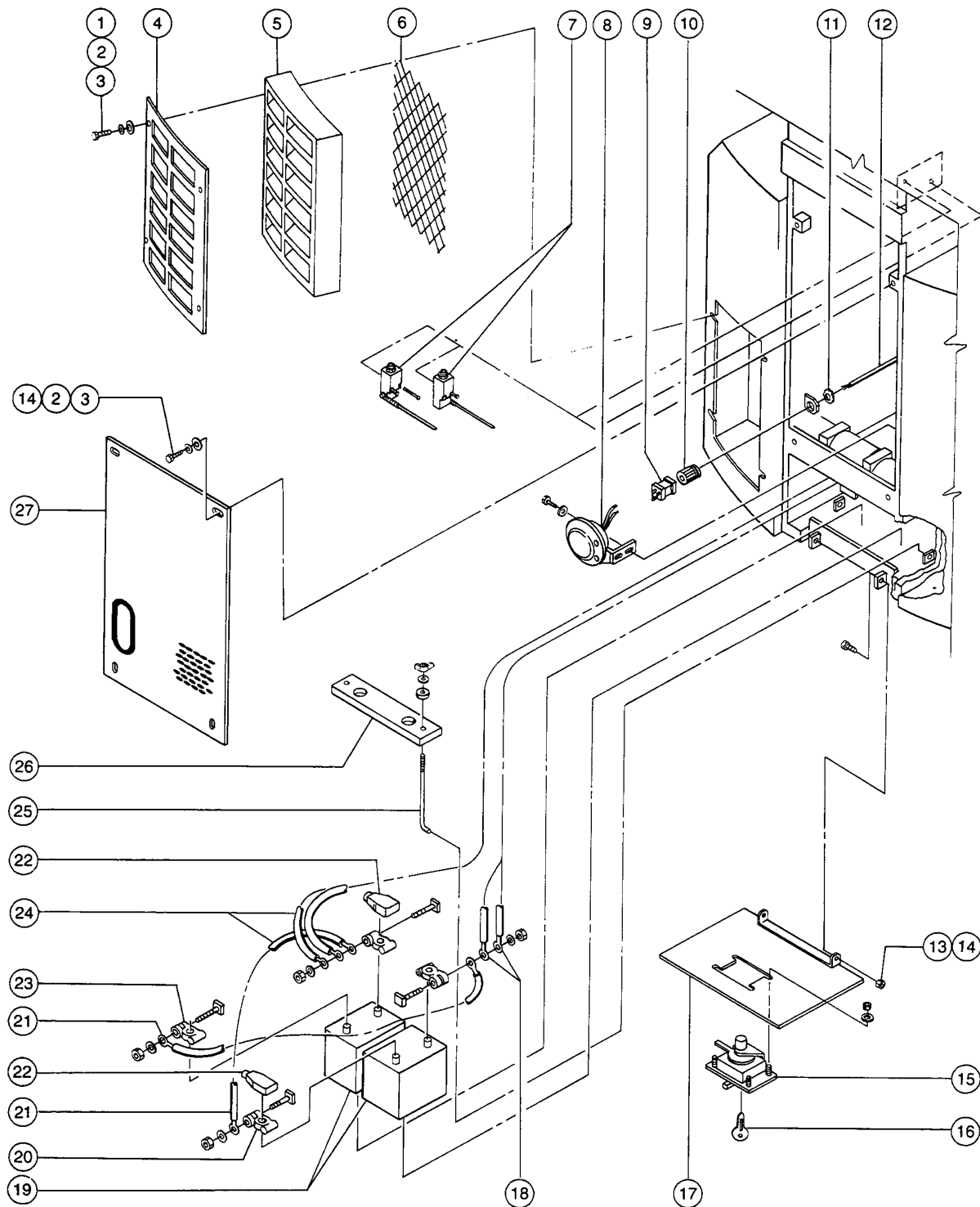
507.1 Ground Controls - View 2





| Item | Part No.  | Description                                                                 | Qty. |
|------|-----------|-----------------------------------------------------------------------------|------|
| 1    | 27246GT   | BOOT,TOGGLE SWITCH,SHORT* .....                                             | 8    |
| 2    | 13471GT   | COVER, AUXILIARY POWER SWITCH .....                                         | 1    |
| 3    | 13480-SGT | SWITCH,TOGGLE,DPDT,2POS MOMEN .....                                         | 1    |
|      |           | includes mounting fasteners                                                 |      |
| 4    | 122512GT  | KIT,KEYSWITCH SVC BB & SM BOOM .....                                        | 1    |
| 4-   | 66811GT   | KEYSWITCH,3POS.MNTND.DR WKEY** .....                                        | 1    |
|      |           | includes keyswitch and two keys, not included: base or contacts.            |      |
| 4-   | 122366GT  | KEYSWITCH,CONTACTS LOCK .....                                               |      |
| 5    | 66821GT   | BASE,WITHOUT CONTACTS .....                                                 | 1    |
| 5-   | 66816GT   | CONTACT,N.O.*** .....                                                       | 1    |
| 6    | 122514GT  | KIT,ESTOP SVC BB&SM BOOM .....                                              | 1    |
| 7    | 66821GT   | BASE,WITHOUT CONTACTS .....                                                 | 1    |
| 7-   | 66818GT   | CONTACT,NC .....                                                            | 1    |
| 8    | 147421GT  | KIT, RELAY, TIME DELAY 4 SEC .....                                          | 1    |
|      |           | models with Deutz F4L 1011 Diesel Engine; include installation instructions |      |
| 9    | 8915GT    | SCREW, HHC, 1/4-20 X 1.25 .....                                             | 1    |
| 10   | 6638GT    | WASHER, FLAT, USS, 1/4"Y .....                                              | 3    |
| 11   | 6889GT    | NUT,LP NYLOCK,1/4-20 .....                                                  | 1    |
| 12   | 19506GT   | HOUR METER, 10-80 VOLTS*** .....                                            | 1    |
|      |           | includes mounting bracket                                                   |      |
| 13   | 16397-SGT | SWITCH,TOGGLE,DPDT,3POS MOMEN .....                                         | 3    |
|      |           | includes mounting fasteners                                                 |      |
| 14   | 13037-SGT | SWITCH,TOGGLE,SPDT,3POS MOMEN* .....                                        | 4    |
|      |           | includes mounting fasteners                                                 |      |
| 15   | 13268GT   | CLAMP,0.75,#12 X 1/4,RUB CUSH .....                                         | 1    |
| 16   | 27287GT   | RESISTOR,10 OHM,25 WATT .....                                               | 1    |
| 17   | 54525GT   | BRACKET-PANEL-WIRE MOUNTING 99 .....                                        | 2    |
| 18   | 147094GT  | ASSY, CIRCUIT BREAKER 15A .....                                             | 2    |
|      |           | includes mounting fasteners                                                 |      |
| 19   | 45836GT   | RESISTOR,15 OHMS,25W .....                                                  | 1    |
| 20   | 23506GT   | NEON LIGHT W/RESISTOR, 110V .....                                           | 2    |
|      |           | models with Ford LSG-423 Dual Fuel Engine                                   |      |
| 21   | 22776GT   | SOCKET,IND.LITE,W/RED LENS .....                                            | 2    |
| 22   | 22777GT   | LIGHTBULB,T 1.75,14V(10PACK) .....                                          | 2    |
| 23   | 6090GT    | SCREW, HHC, 1/4-20 X .75 .....                                              | 2    |
| 24   | 29284GT   | CONTROL BOX W/LID+DECAL,GROUND .....                                        | 1    |

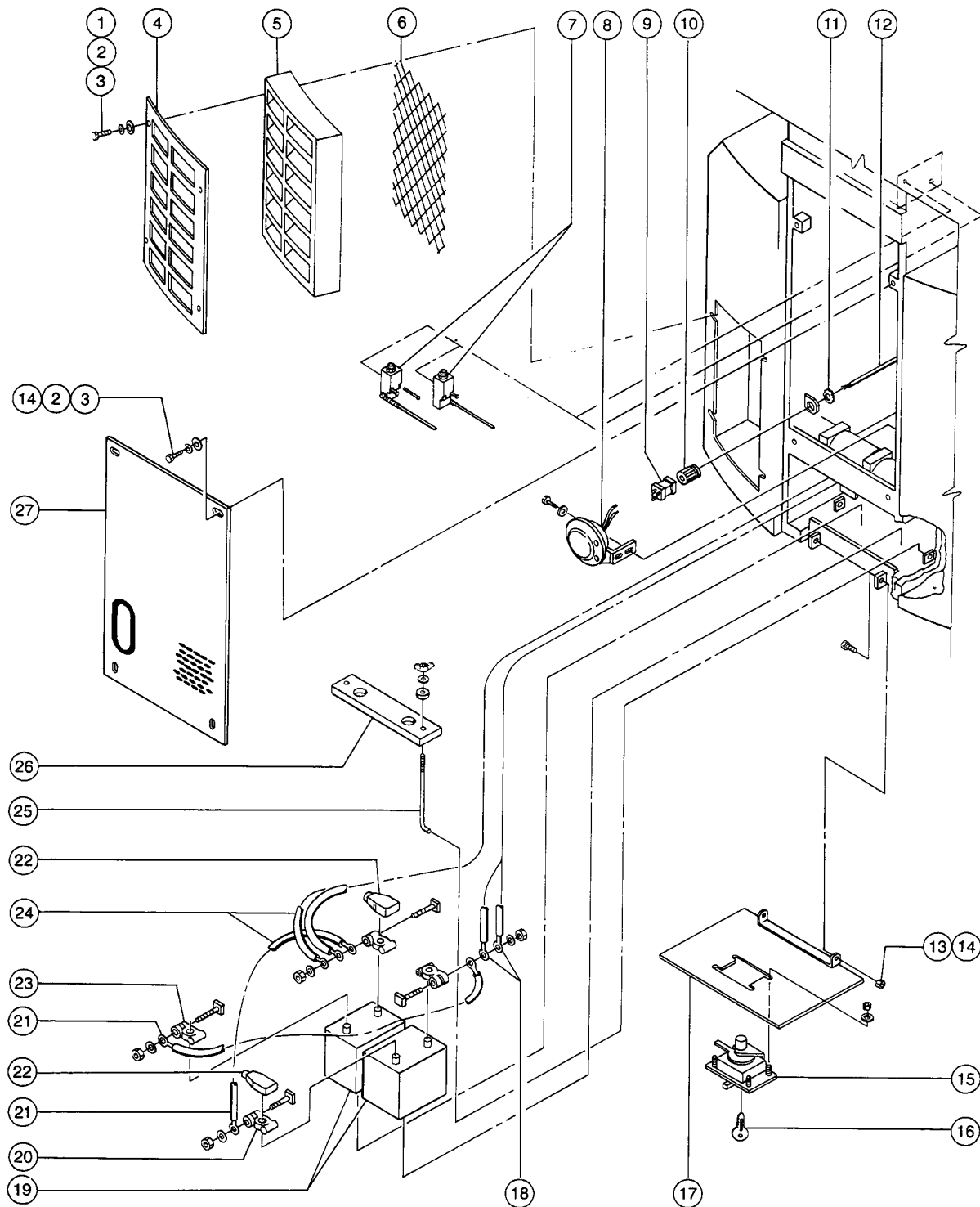
## 508.1 Rear Turntable Compartment



## 508.1 Rear Turntable Compartment

| Item | Part No.      | Description                                                             | Qty.                  |
|------|---------------|-------------------------------------------------------------------------|-----------------------|
| 1    | 8516GT        | SCREW, HCC, 3/8-16 X 1.50 .....                                         | 4                     |
| 2    | 6021GT        | WASHER, LOCK, .375 .....                                                | 8                     |
| 3    | 6097GT        | WASHER, FLAT, USS, 3/8", Y .....                                        | 8                     |
| 4    | 28767GT       | WELDMENT, VENTILLATION GRILL .....                                      | 1                     |
| 5    | 28517GT       | BAFFLE, AIR INTAKE .....                                                | 1                     |
| 6    | 28633GT       | SCREEN, EXHAUST .....                                                   | 1                     |
| 7    | 88356-127J5GT | SWITCH, LIMIT, W/6.25" SPRING ARM .....                                 | 2                     |
| 7    | 19491GT       | CONTACTOR, LIMIT SWITCH .....                                           |                       |
| 7    | 106433GT      | LS SPRING WAND (ZCY91) .....                                            |                       |
| 8    | 56264GT       | HORN, 12V SCREW TERMINAL *** .....                                      | 1                     |
| 9    | 6595GT        | PLUG, ELECTRICAL, DOMESTIC .....                                        | 1                     |
| 9    | 144161GT      | PLUG, PWR, UK, 16AMP, 3PIN, BLK .....                                   | 1                     |
| 9    | 1280665GT     | PLUG, TYPE F, 230A, 50HZ, 16A, IP44 .....                               | 1                     |
| 10   | 7056GT        | CONN, SQZ, 1/2NPT, 0.38-0.50, SM .....                                  | 1                     |
| 11   | 6935GT        | CONN, SQZ, 1/2NPT, LOCKNUT .....                                        | 1                     |
| 12   | 43956GT       | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....                                 | 900<br>in<br>ch<br>es |
| 13   | 4828GT        | NUT, NYLOCK, 3/8-16 .....                                               | 2                     |
| 14   | 6175GT        | SCREW, HHC, 3/8-16 X 1 .....                                            | 6                     |
| 15   | 28125GT       | LATCH, FLUSH CUP***<br>includes 2 each index number 16 .....            | 1                     |
| 16   | 29314GT       | KEY, LATCH, 1 PAIR (28125) .....                                        | 2                     |
| 17   | 29285GT       | COVER W/DECAL, BATTERY ACCESS. ....                                     | 1                     |
| 18   | 29316GT       | CABLE ASSEMBLY, 110"<br>models with Ford LSG-423 Dual Fuel Engine ..... | 1                     |
| 18   | 29316GT       | CABLE ASSEMBLY, 110"<br>models with Deutz F4L 1011 Diesel Engine .....  | 2                     |
| 19   | 36872GT       | BATTERY, 12V .....                                                      | 2                     |
| 20   | 45709GT       | TERMINAL, BATTERY-BOLT TYPE, POS .....                                  | 2                     |
| 21   | 29315GT       | CABLE ASSEMBLY, 20" .....                                               | 2                     |
| 22   | 18189GT       | BOOT, BATTERY TERMINAL, RED .....                                       | 2                     |

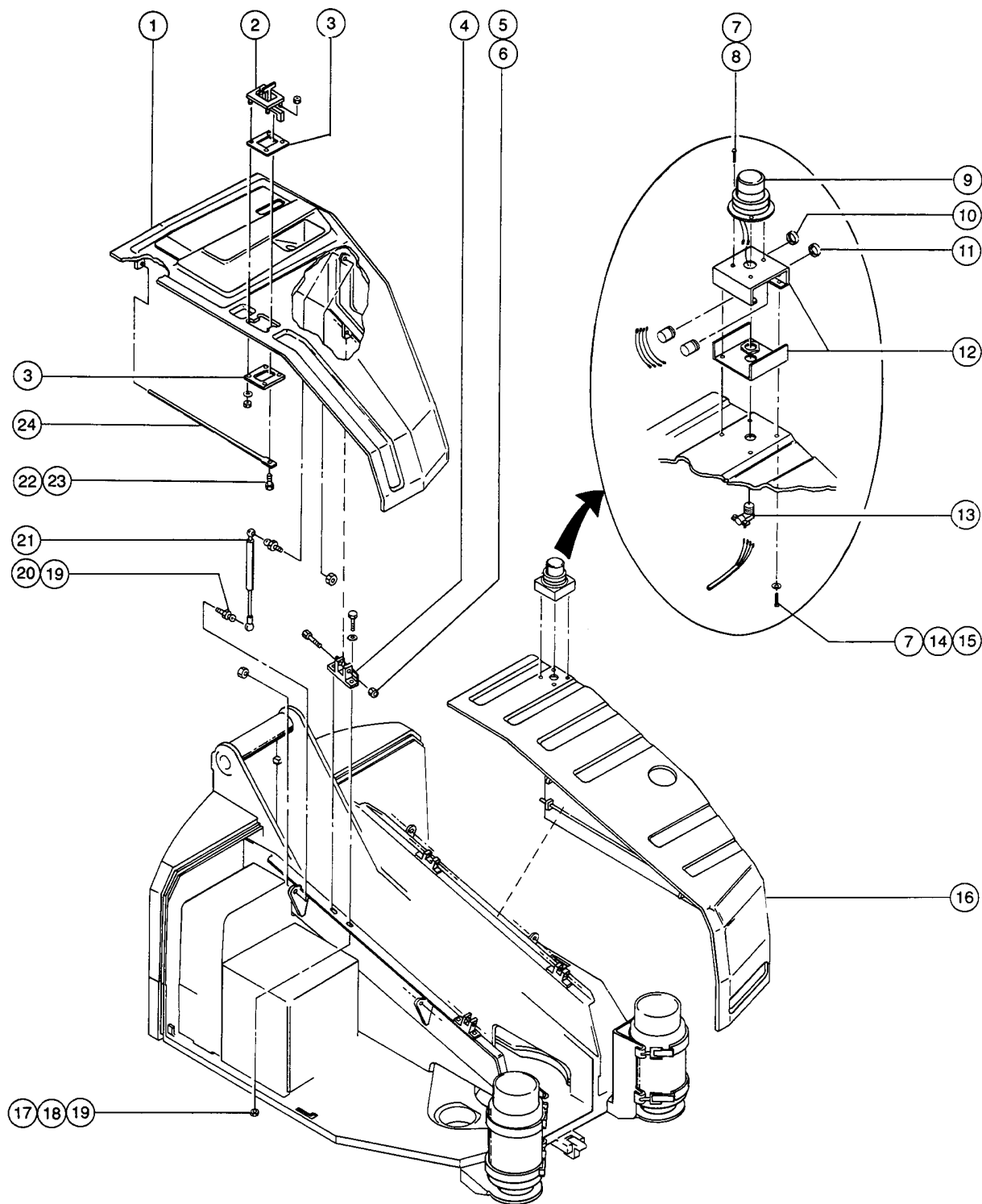
## 508.1 Rear Turntable Compartment



## 508.1 Rear Turntable Compartment

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                 | <i>Qty.</i>          |
|-------------|-----------------|--------------------------------------------------------------------|----------------------|
| 23          | 45710GT         | TERMINAL,BATTERY-BOLT TYPE,NEG .....                               | 2                    |
| 24          | 29304GT         | CABLE ASSY,115"<br>models with Ford LSG-423 Dual Fuel Engine ..... | 1                    |
| 24          | 29304GT         | CABLE ASSY,115"<br>models with Deutz F4L 1011 Diesel Engine .....  | 2                    |
| 25          | 45708GT         | HOOK-BATT HOLD DOWN 10"LG .....                                    | 1                    |
|             |                 | includes mounting fasteners                                        |                      |
| 26          | 25299GT         | BRACKET,BATTERY HOLD DOWN .....                                    | 1                    |
| 27          | 29317GT         | COVER ASSEMBLY,REAR TURNTABLE .....                                | 1                    |
| 27          | 19018GT         | TRIMLOCK,BLACK,5/32" .....                                         | 15<br>in<br>ch<br>es |

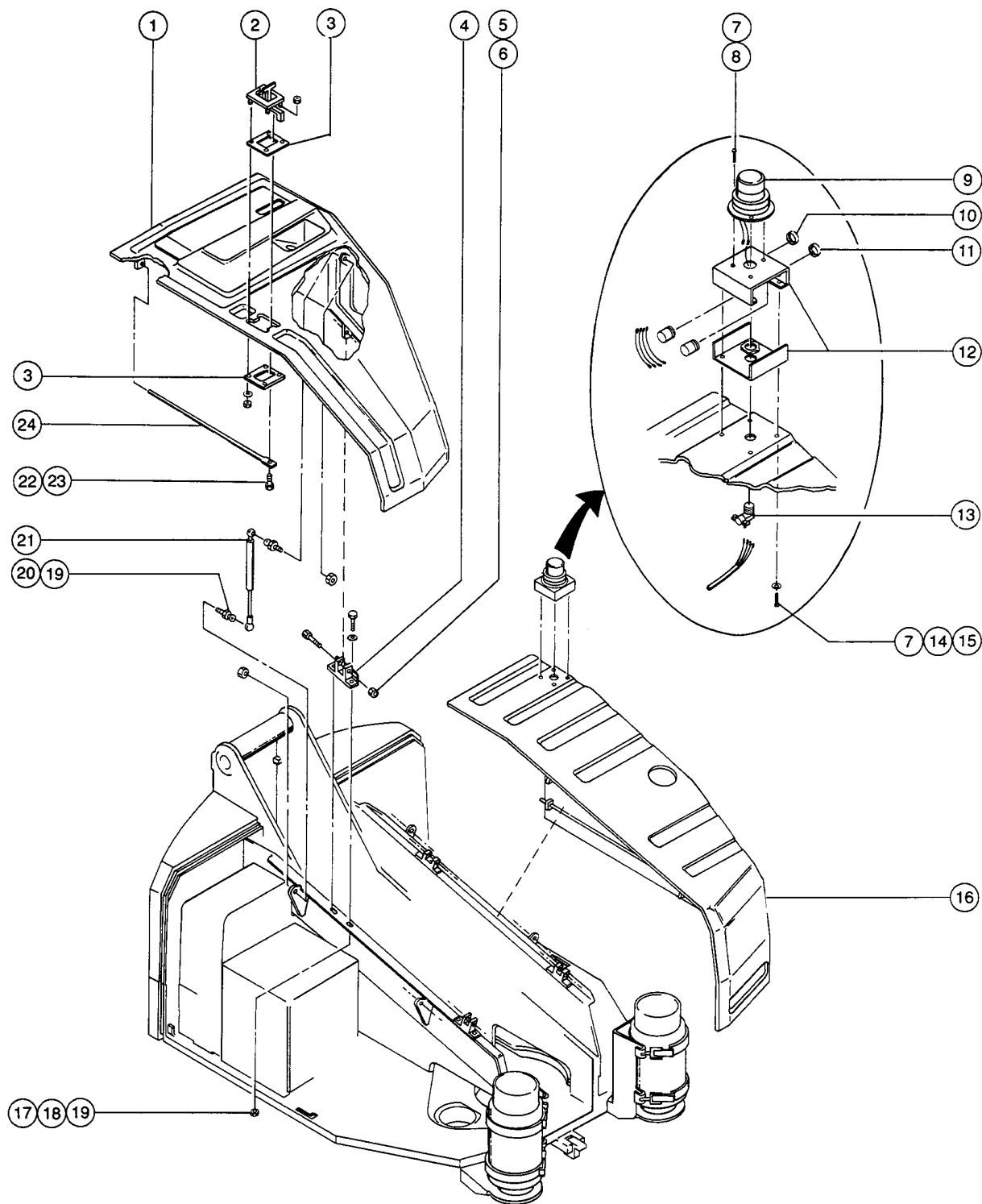
509.1 Turntable Covers



## 509.1 Turntable Covers

| Item | Part No. | Description                                                              | Qty. |
|------|----------|--------------------------------------------------------------------------|------|
| 1    | 29425GT  | TURNTABLE COVER ASSY,L.S.,S60 .....<br>includes index numbers 2,3, 22-24 | 1    |
| 2    |          | WELDMENT,SWING COVER LATCH .....<br>No longer available                  | 2    |
| 2    | 29314GT  | KEY,LATCH, 1 PAIR (28125) .....                                          | 2    |
| 3    | 28471GT  | PLATE,SWING COVER LATCH .....                                            | 4    |
| 4    | 28832GT  | WELDMENT,COVER HINGE CLEVIS .....                                        | 4    |
| 5    | 6096GT   | SCREW,HHC,1/2-13 X 2 GR5 .....                                           | 4    |
| 6    | 6086GT   | NUT,LP NYLOCK,1/2-13 .....                                               | 4    |
| 7    | 6066GT   | SCREW,RHM,10-32 X .38 .....                                              | 14   |
| 8    | 15513GT  | NUT,HEX,10-32 .....                                                      | 6    |
| 9    | 56704GT  | STROBE,FIREBOLT,12-80VDC,AMB** .....<br>(replaced 20189)                 | 2    |
| 9-   | 72282GT  | LENS,AMBER,STROBE,FIREBOLT .....                                         |      |
| 9-   | 122019GT | FLASHTUBE,U SHAPED,360DEG,BULB .....                                     |      |
| 9-   | 226393GT | FLASHTUBE,STRAIGHT,360DEG,BULB .....                                     |      |
| 10   | 18963GT  | ALARM, INTERMITTENT TONE 6-30V* .....<br>Does not include 72326 nut      | 1    |
| 10-  | 72326GT  | NUT - PLASTIC, RING FOR ALARMS .....                                     | 1    |
| 11   | 230392GT | ALARM,DESCENT .....<br>Does not include 72326 nut                        | 1    |
| 11-  | 72326GT  | NUT - PLASTIC, RING FOR ALARMS .....                                     | 1    |
| 12   | 29432GT  | BRACKET,STROBE/ALARM MOUNT .....                                         | 2    |
| 13   | 14539GT  | CONN. GRND.1/2",90DEG.SM.WIRE .....                                      | 2    |
| 14   | 6607GT   | WASHER,LOCK,#10 PLTD .....                                               | 8    |
| 15   | 6146GT   | WASHER,FLAT,MS,#10,Y .....                                               | 8    |
| 16   | 29424GT  | TURNTABLE COVER ASSY,R.S,S60 .....<br>includes index numbers 2, 3, 22-24 | 1    |
| 17   | 6019GT   | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                                      | 8    |
| 18   | 6097GT   | WASHER, FLAT, USS, 3/8", Y .....                                         | 16   |
| 19   | 4828GT   | NUT, NYLOCK, 3/8-16 .....                                                | 16   |
| 20   | 27114GT  | BALL STUD,1/2" BALL,3/8-16X1.2 .....                                     | 8    |
| 21   | 28301GT  | GAS STRUT,250 LBS FORCE*** .....<br>10.5 inch barrel                     | 4    |
| 21   | 27377GT  | RETAINER,GAS SPRING*** .....                                             | 4    |

509.1 Turntable Covers

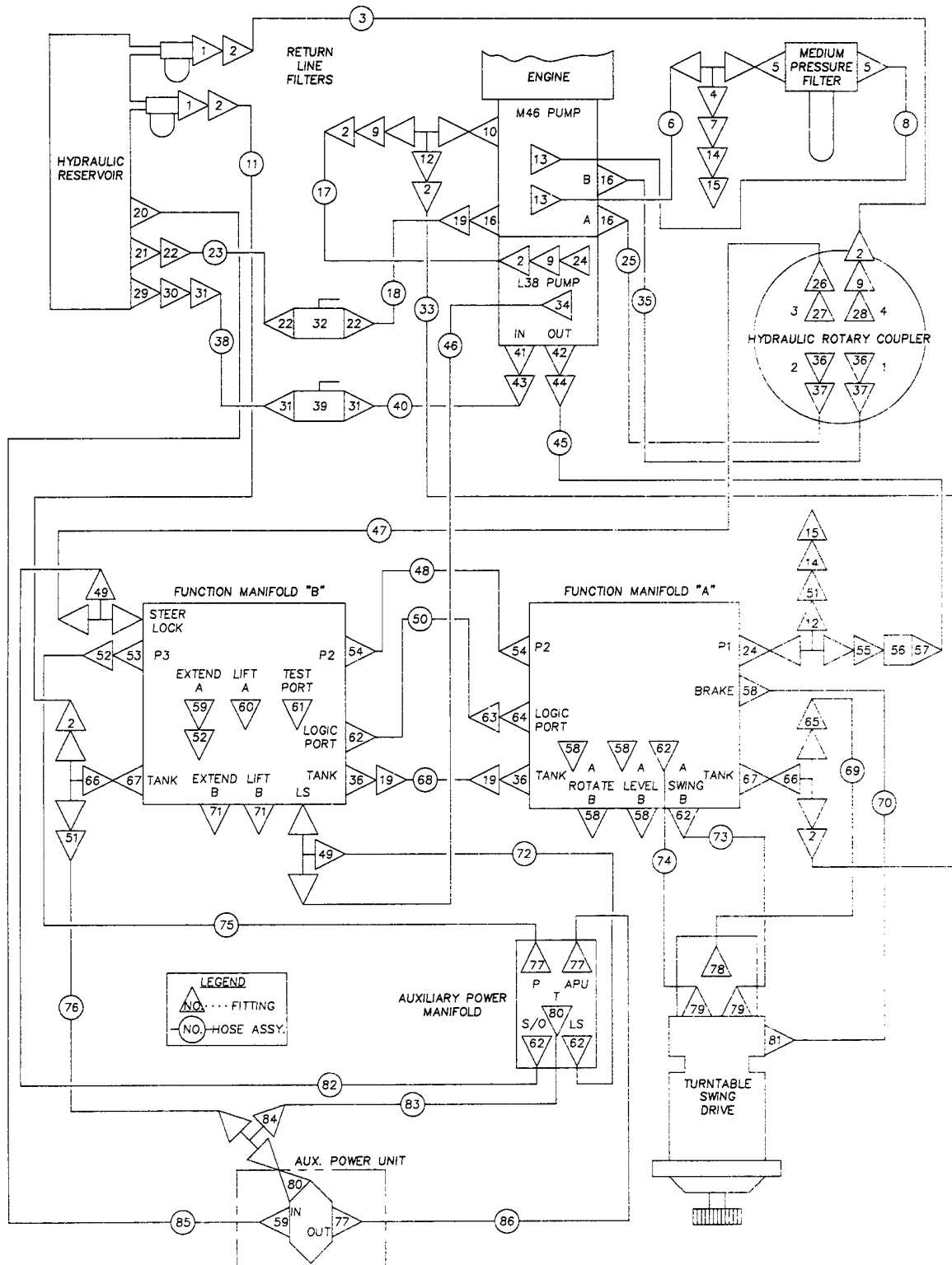




509.1 Turntable Covers

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>         | <i>Qty.</i> |
|-------------|-----------------|----------------------------|-------------|
| 22          | 5094GT          | SCREW,RHM,10-32 X .5 ..... | 2           |
| 23          | 6178GT          | NUT, NYLOCK, 10-32 .....   | 2           |
| 24          | 28768GT         | ROD,COVER LATCH .....      | 2           |

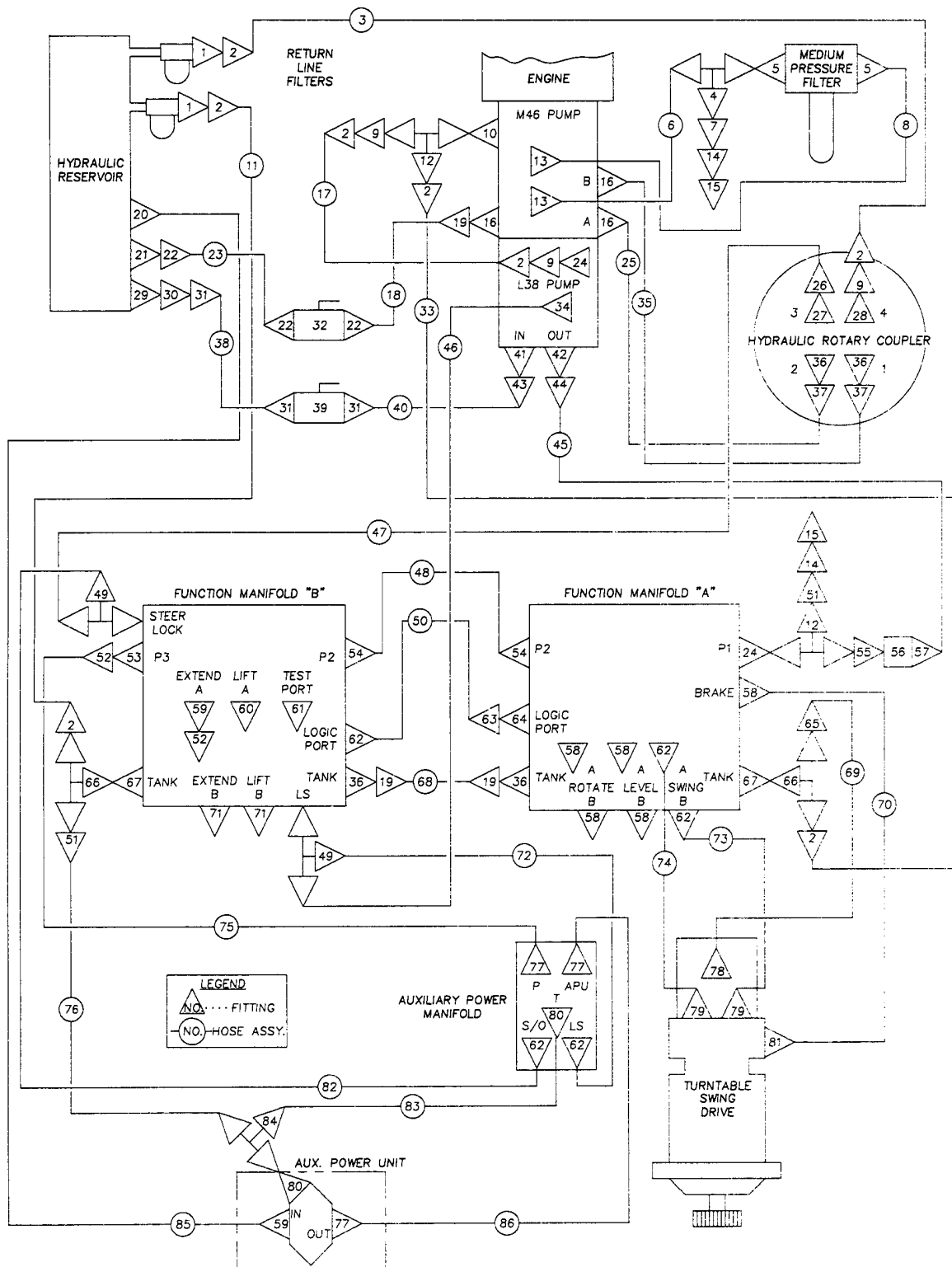
## 510.1 Hydraulic Hoses and Fittings - Turntable



## 510.1 Hydraulic Hoses and Fittings - Turntable

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 27202GT         | ELBOW,070202-12-16 .....             | 2           |
| 2           | 45170GT         | HOSE END,BARBED,SWIVEL,-12-12 .....  | 8           |
| 3           | 28581GT         | HOSE ASSY,HYDR.ROTATOR TO TANK ..... | 1           |
| 4           | 21252GT         | TEE,RUN,070432-8 .....               | 1           |
| 5           | 25951GT         | ELBOW,070220-8-12 .....              | 2           |
| 6           | 28540GT         | HOSE ASSY,PUMP TO FILTER .....       | 1           |
| 7           | 45361GT         | REDUCER,070123-8-6 .....             | 1           |
| 8           | 28541GT         | HOSE ASSY,FILTER TO PUMP .....       | 1           |
| 9           | 21246GT         | ELBOW,070221-12-12 .....             | 3           |
| 10          | 28598GT         | CONNECTOR,070120-12-8 .....          | 1           |
| 11          | 28578GT         | HOSE ASSY,MANIFOLD TO TANK .....     | 1           |
| 12          | 20326GT         | TEE,RUN,070432-12 .....              | 2           |
| 13          | 22665GT         | CONNECTOR,070120-8-10 .....          | 2           |
| 14          | 29441GT         | ADAPTER,JIC SWIVEL/MALE PIPE .....   | 2           |
| 15          | 27933GT         | QUICK DISCONNECT,DIAGN.NIPPLE .....  | 2           |
| 15          | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....      | 2           |
| 16          | 20793GT         | ELBOW,070220-16-16 .....             | 3           |
| 17          | 28544GT         | HOSE ASSY,L38 TO M46 CASEDRAIN ..... | 1           |
| 18          | 28547GT         | HOSE ASSY,SHUTOFF VLV/M46 PUMP ..... | 1           |
| 19          | 21250GT         | HOSE END,BARBED,SWIVEL,-16-16 .....  | 3           |
| 20          | 28498GT         | CONNECTOR,070102-8-6 .....           | 1           |
| 21          | 45161GT         | STRAINER ASSEMBLY,1.5" NPT .....     | 1           |
| 22          | 45166GT         | HOSE END,BARBED RIGID-16-16 .....    | 3           |
| 23          | 28546GT         | HOSE ASSY,RESERV/DRV.SHUTOFF .....   | 1           |
| 24          | 19687GT         | CONNECTOR,070120-12-12 .....         | 2           |
| 25          | 28538GT         | HOSE ASSY,PORT"A" TO ROTATOR .....   | 1           |
| 26          | 45878GT         | ELBOW,070321-6-6 .....               | 1           |
| 27          | 18687GT         | CONNECTOR,070120-6-8 .....           | 1           |

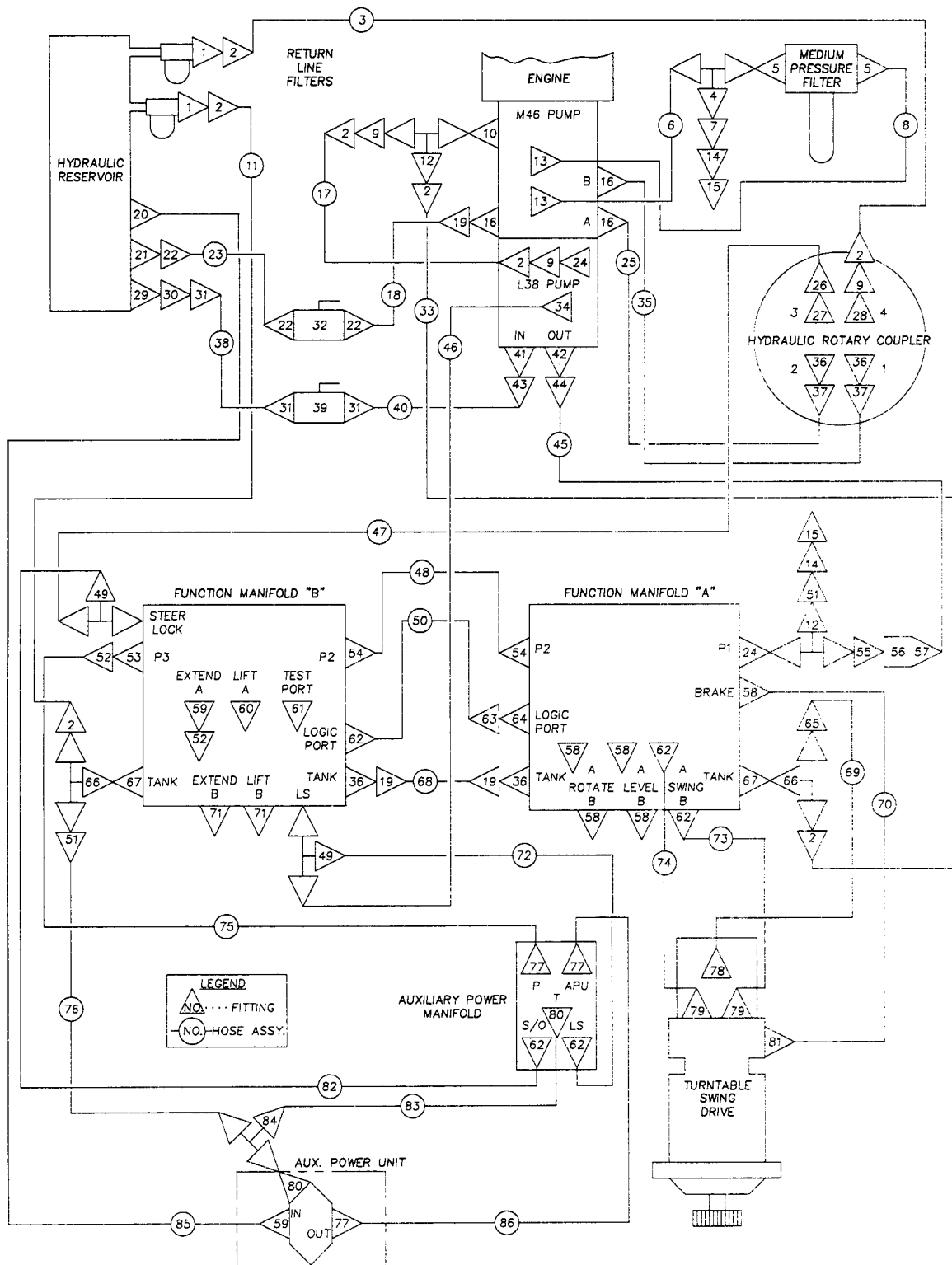
## 510.1 Hydraulic Hoses and Fittings - Turntable



## 510.1 Hydraulic Hoses and Fittings - Turntable

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 28          | 20710GT         | CONNECTOR,070120-16-12 .....         | 1           |
| 29          | 27963GT         | STRAINER,SUCTION,2" FPT .....        | 1           |
| 30          | 28504GT         | BUSHING,140140-32-24 .....           | 1           |
| 31          | 28499GT         | COUPLER,BARB,STRT,0188-24-24 .....   | 3           |
| 32          | 28502GT         | VALVE,BALL,W/LOCK,1.0" .....         | 1           |
| 33          | 28545GT         | HOSE ASSY,M46 CASE DRN/MANIFLD ..... | 1           |
| 34          | 28457GT         | ELBOW,070220-6-4 .....               | 1           |
| 35          | 28539GT         | HOSE ASSY,PORT"B" TO ROTATOR .....   | 1           |
| 36          | 20709GT         | CONNECTOR,070120-16-16 .....         | 4           |
| 37          | 28447GT         | ELBOW,070221-16-16 .....             | 2           |
| 38          | 28548GT         | HOSE ASSY,RESERV/FNCTN.SHUTOFF ..... | 1           |
| 39          | 28501GT         | VALVE,BALL,W/LOCK,1.5" .....         | 1           |
| 40          | 28549GT         | HOSE ASSY,SHUTOFF VLV/L38 PUMP ..... | 1           |
| 41          | 28599GT         | CONNECTOR,070120-24-20 .....         | 1           |
| 42          | 28459GT         | CONNECTOR,070120-16-20 .....         | 1           |
| 43          | 28600GT         | HOSE END,SWEEP 90DGRE,6124-888 ..... | 1           |
| 44          | 20712GT         | REDUCER,070123-16-12 .....           | 1           |
| 45          | 28543GT         | HOSE ASSY,L38 OUTPUT/MANIFOLD .....  | 1           |
| 46          | 28542GT         | HOSE ASSY,LOAD SENSE/MANIFOLD .....  | 1           |
| 47          | 28577GT         | HOSE ASSY,STEER LOCK/ROTATOR .....   | 1           |
| 48          | 27964GT         | TUBE,FNCTN.MNFLD-PRESSURE 3/4" ..... | 1           |
| 49          | 13119GT         | TEE,RUN,070428-6-6 .....             | 2           |
| 50          | 28062GT         | TUBE,FNCTN.MNFLD-SENSOR,3/8" .....   | 1           |
| 51          | 20816GT         | REDUCER,070123-12-6 .....            | 2           |
| 52          | 45702GT         | ELBOW,070221-8-8 .....               | 2           |
| 53          | 27431GT         | CONNECTOR,070120-8-12 .....          | 1           |
| 54          | 20925GT         | ELBOW,070220-12-12 .....             | 2           |
| 55          | 28461GT         | ADAPTER,JIC SWIVEL/MALE PIPE .....   | 1           |

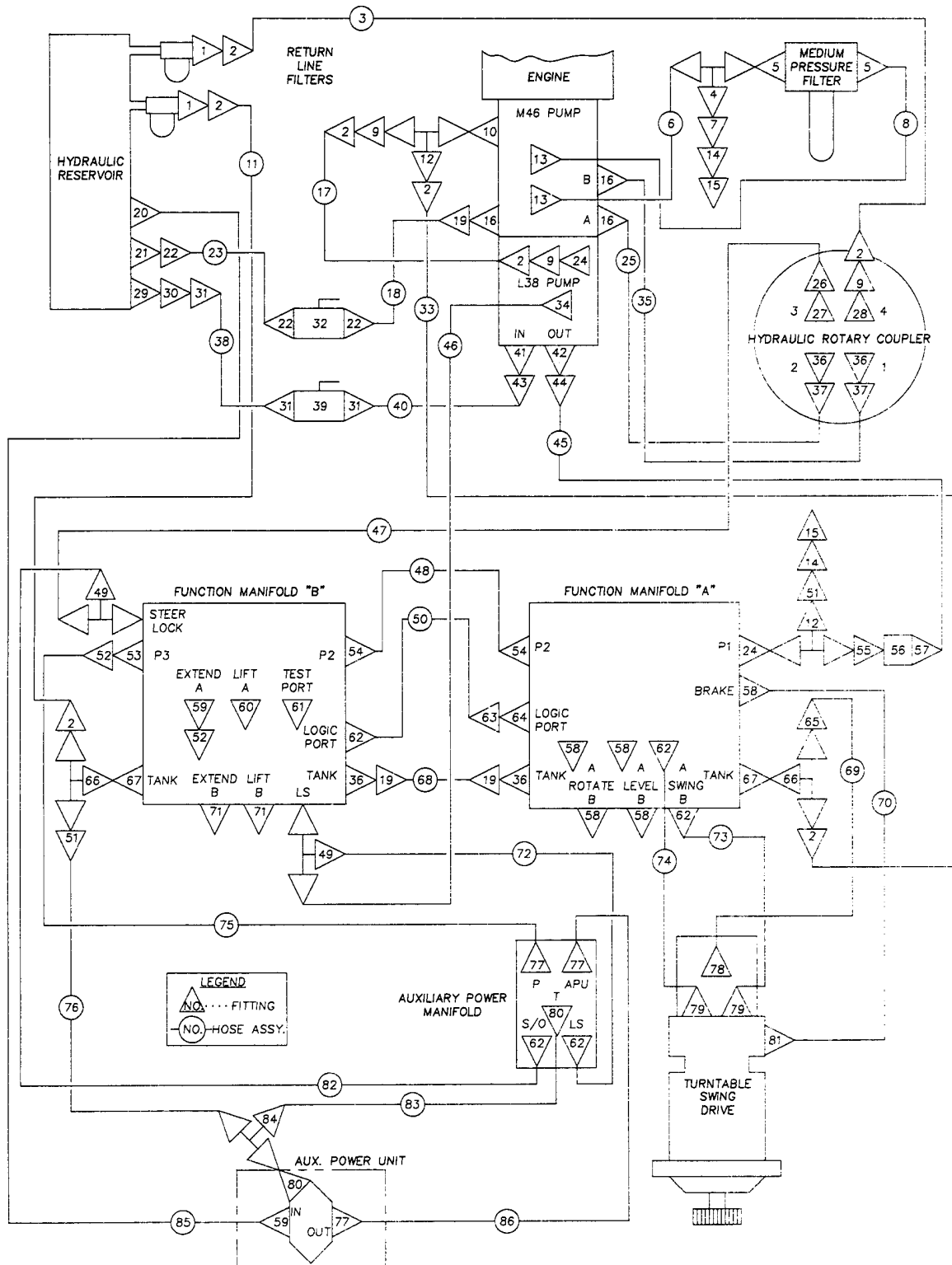
## 510.1 Hydraulic Hoses and Fittings - Turntable



## 510.1 Hydraulic Hoses and Fittings - Turntable

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                   | <i>Qty.</i> |
|-------------|-----------------|------------------------------------------------------|-------------|
| 56          | 28127GT         | VALVE,CHECK .....                                    | 1           |
| 57          | 45165GT         | ELBOW,070202-12-12 .....                             | 1           |
| 58          | 12340GT         | ELBOW,070220-4-6 .....                               | 5           |
| 59          | 45703GT         | CONNECTOR,070120-8-8 .....                           | 2           |
| 60          | 45357GT         | ELBOW,070220-8-8*** .....                            | 1           |
| 61          | 48997GT         | NIPPLE,DIAGNOSTIC,#4 .....                           | 1           |
| 61          | 48880GT         | CAP,DIAGNOSTIC NIPPLE .....                          | 1           |
| 61          | 20224GT         | DIAGNOSTIC FEMALE Q-DSCNT .....                      | 1           |
| 62          | 13120GT         | ELBOW,070220-6-6 .....                               | 5           |
| 63          | 46367GT         | Fitting - 90° Swivel Elbow, 6 JIC (SAE 070221) ..... | 1           |
| 64          | 45412GT         | CONNECTOR,070120-6-6 .....                           | 1           |
| 65          | 22815GT         | REDUCER,070123-12-4 .....                            | 1           |
| 66          | 28594GT         | TEE,BRANCH,070433-12-12 .....                        | 2           |
| 67          | 27164GT         | CONNECTOR,070120-12-16 .....                         | 2           |
| 68          | 28585GT         | HOSE ASSY,FUNCTN"A"/FUNCTN "B" .....                 | 1           |
| 69          | 28572GT         | HOSE ASSY,SWING MTR/CASE DRAIN .....                 | 1           |
| 70          | 28571GT         | HOSE ASSY,MANIFOLD/SWING BRAKE .....                 | 1           |
| 71          | 45349GT         | ELBOW,070320-8-8 .....                               | 2           |
| 72          | 28800GT         | HOSE ASSY,VALVE/LOAD SENSE PRT .....                 | 1           |
| 73          | 28570GT         | HOSE ASSY,SWING"B" TO MOTOR .....                    | 1           |
| 74          | 28569GT         | HOSE ASSY,SWING"A" TO MOTOR .....                    | 1           |
| 75          | 28799GT         | HOSE ASSY,VALVE/MANIFOLD PRESS .....                 | 1           |
| 76          | 28584GT         | HOSE ASSY,APU TO MANIFOLD-TANK .....                 | 1           |
| 77          | 45356GT         | ELBOW,070220-8-6 .....                               | 3           |
| 78          | 45351GT         | ELBOW, 070320-4-4 .....                              | 1           |
| 79          | 24060GT         | CONNECTOR,070120-6-10 .....                          | 2           |
| 80          | 45411GT         | ELBOW,070320-6-6 .....                               | 2           |
| 81          | 13921GT         | ELBOW,070220-4-4 .....                               | 1           |

## 510.1 Hydraulic Hoses and Fittings - Turntable

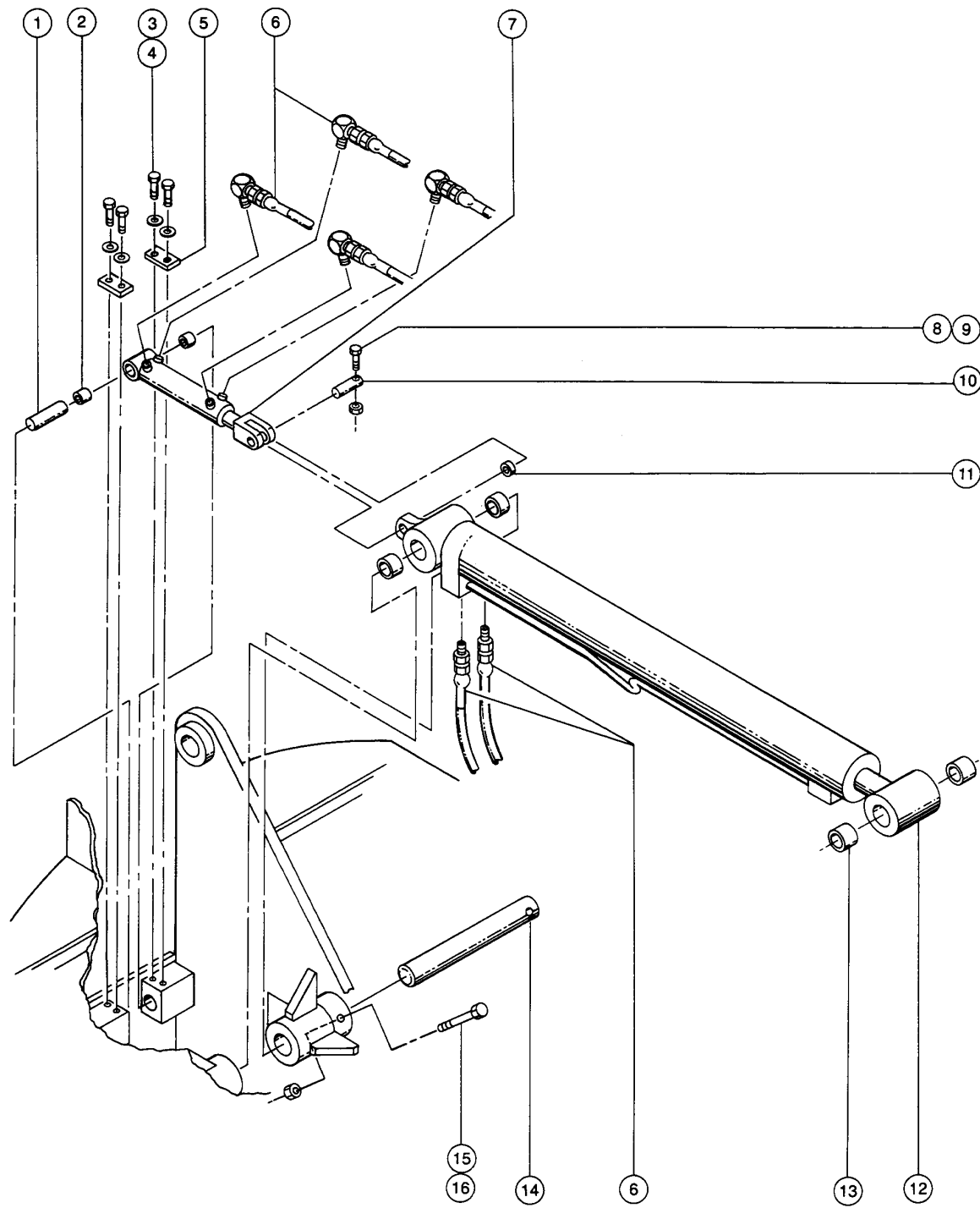




510.1 Hydraulic Hoses and Fittings - Turntable

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 82          | 28805GT         | HOSE ASSY,VALVE/STR.LOCK PORT .....  | 1           |
| 83          | 28804GT         | HOSE ASSY,VALVE/RETURN .....         | 1           |
| 84          | 45366GT         | TEE,RUN,070432-6-6 .....             | 1           |
| 85          | 28582GT         | HOSE ASSY,RESERVOIR TO APU .....     | 1           |
| 86          | 28583GT         | HOSE ASSY,APU TO MANIFOLD-PRES ..... | 1           |

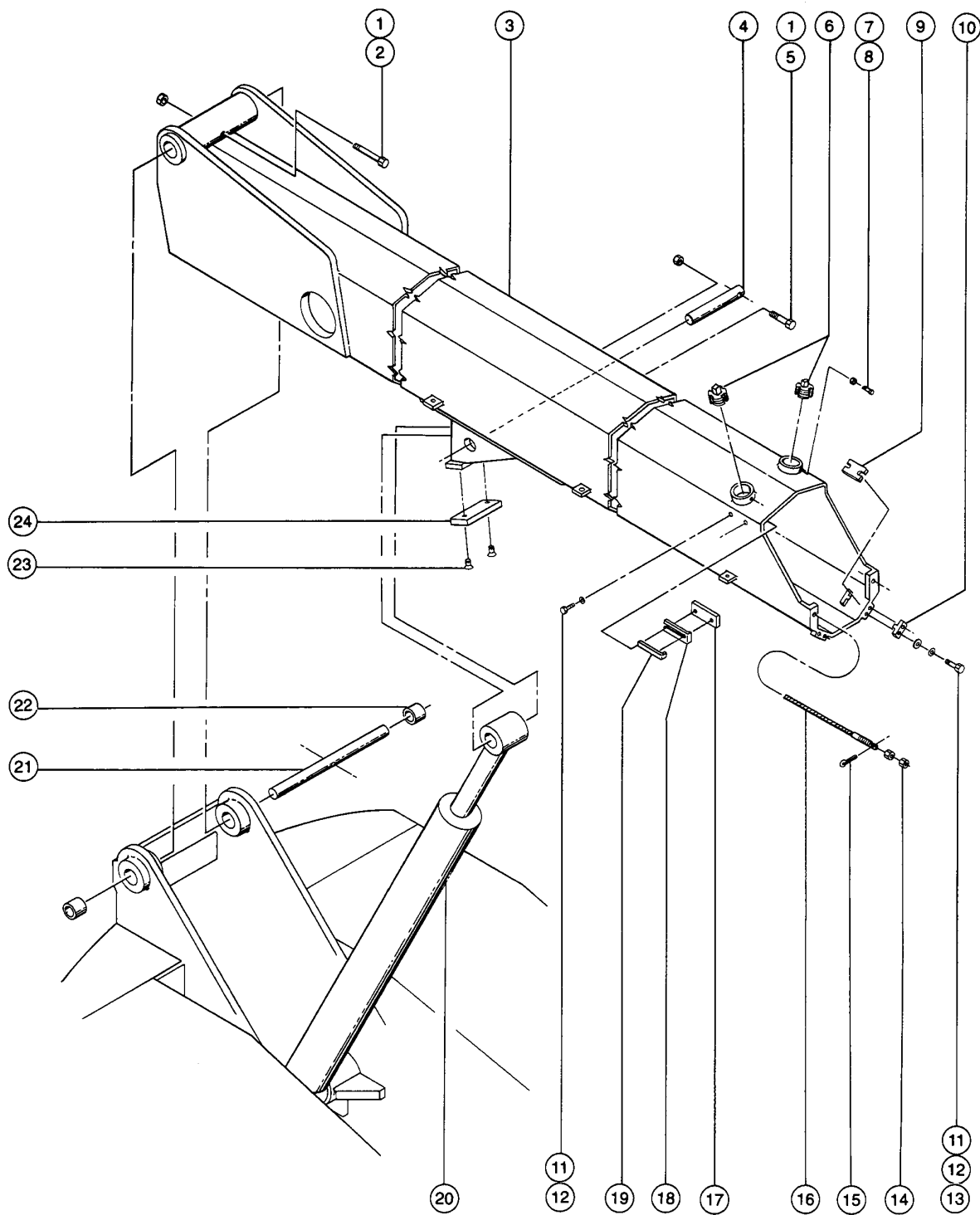
601.1 Primary Lift and Master Cylinder Installation



## 601.1 Primary Lift and Master Cylinder Installation

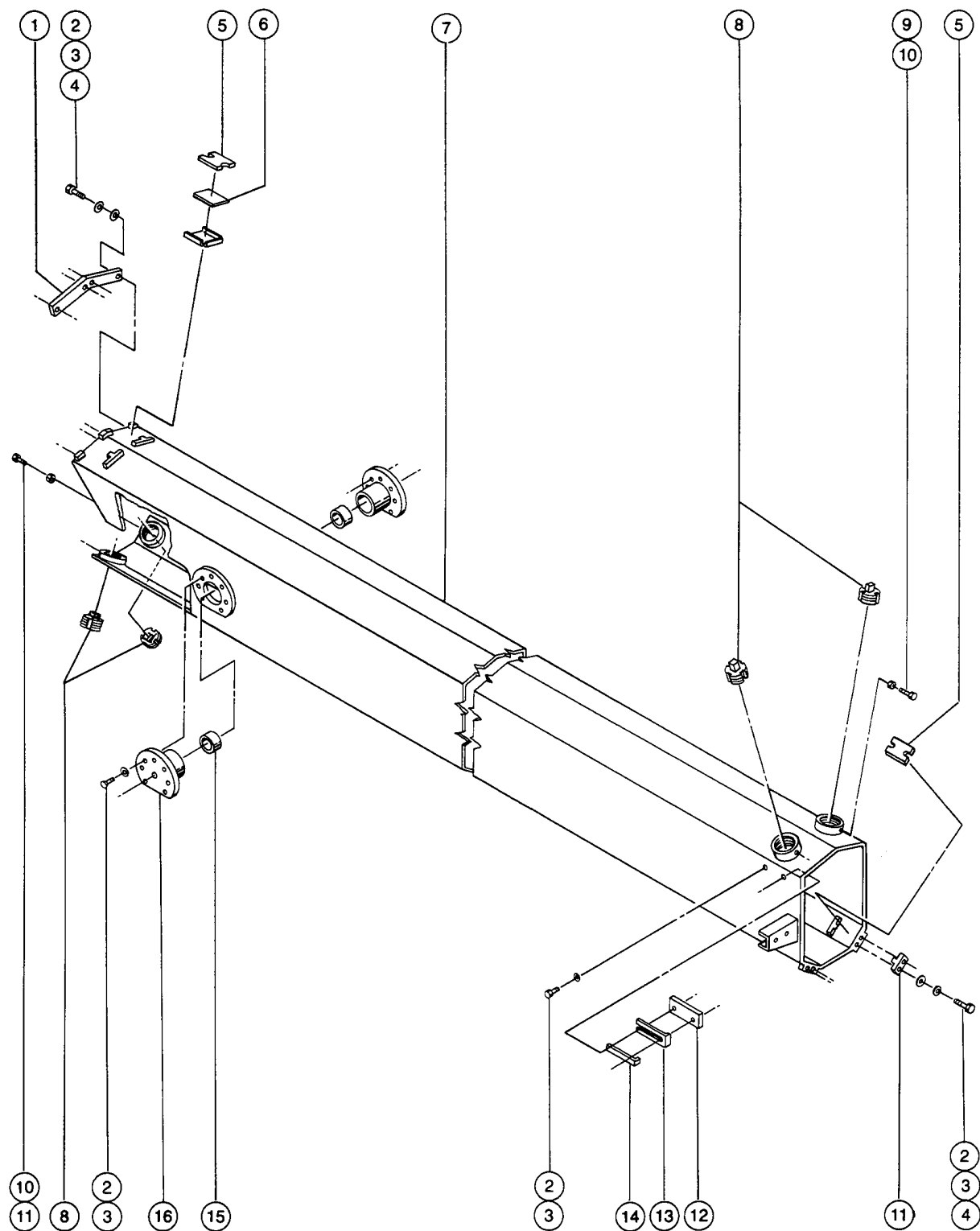
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 27310GT         | PIN,MASTER CYLINDER .....             | 1           |
| 2           | 25683GT         | BEARING,POLYGON,20DU12 .....          | 2           |
| 3           | 6175GT          | SCREW,HHC,3/8-16 X 1 .....            | 4           |
| 4           | 6021GT          | WASHER, LOCK, .375 .....              | 4           |
| 5           | 28063PGT        | PLATE,PIN RETAINER,PAINTED .....      | 2           |
| 6           |                 | Ref. Hydraulic Hoses & Fittings ..... | 2           |
|             |                 | refer to section 608.1                |             |
| 7           | 25217GT         | CYLINDER,MASTER .....                 | 1           |
|             |                 | includes 2 each index number 2        |             |
| 7           | 29183GT         | SEAL KIT,25212,25217,25372,S60 .....  | 1           |
| 8           | 6708GT          | SCREW,HHC,3/8-16 X 2.25 .....         | 1           |
| 9           | 4828GT          | NUT, NYLOCK, 3/8-16 .....             | 1           |
| 10          | 25419GT         | PIN,STEER .....                       | 1           |
| 11          | 27694GT         | BEARING,1.25 ID X 1.41 OD X 1" .....  | 1           |
| 12          |                 | CYLINDER,LIFT %% .....                | 1           |
|             |                 | Part is no longer available           |             |
| 12          | 29184GT         | SEAL KIT,25216 LIFT CYL. ....         | 1           |
| 12          |                 | TUBE ASSY,RETURN LINE .....           | 1           |
|             |                 | Part is no longer available           |             |
| 12          | 29468GT         | VALVE,COUNTERBALANCE (25216) .....    | 1           |
| 13          | 29469GT         | BEARING,GARLOCK,40DU32 .....          | 4           |
| 14          | 27729GT         | PIN,LIFT CYL.BASE .....               | 1           |
| 15          | 8220GT          | SCREW,HHC,1/2-13 X 4 .....            | 3           |
| 16          | 6198GT          | NUT, NYLOCK, 1/2-13 .....             | 2           |

602.1 Number 1 Boom Installation



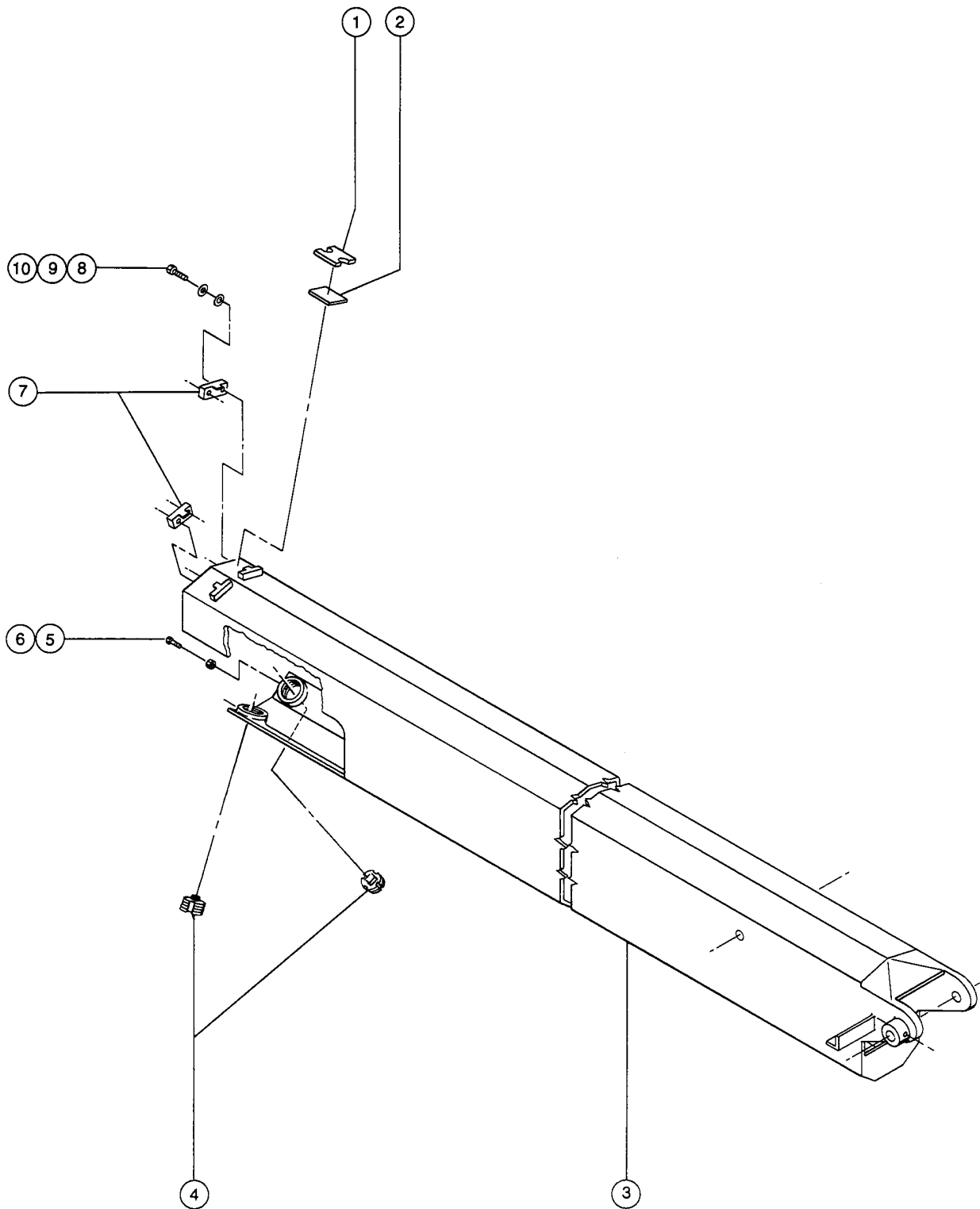
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 1           | 8220GT          | SCREW,HHC,1/2-13 X 4 .....           | 2           |
| 2           | 6086GT          | NUT,LP NYLOCK,1/2-13 .....           | 1           |
| 3           | 29470GT         | WELDMENT,PRIMARY MAST,S60 .....      | 1           |
| 4           | 25440GT         | PIN,BOOM LIFT CYLINDER .....         | 1           |
| 5           | 6198GT          | NUT, NYLOCK, 1/2-13 .....            | 1           |
| 6           | 27308GT         | WEAR PAD,ADJUSTABLE .....            | 2           |
| 7           | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....         | 2           |
| 8           | 6357GT          | NUT,HEX,1/4-20 .....                 | 2           |
| 9           | 27744GT         | WEAR PAD,FIXED 8 X 3.5 S60%% .....   | 2           |
| 10          | 27228GT         | WEAR PAD RETAINER WELDMENT .....     | 2           |
| 11          | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....  | 8           |
| 12          | 6021GT          | WASHER, LOCK, .375 .....             | 8           |
| 13          | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....     | 4           |
| 14          | 54627GT         | NUT,LUG,5/8-18 X 90 DEGREE,Z45 ..... | 4           |
| 15          | 1294954GT       | PIN,COTTER,.1875"X1.5" .....         | 2           |
| 16          | 29474GT         | CABLE ASSY,RETRACT (277") .....      | 2           |
|             |                 | includes clevis pin                  |             |
| 16-         | 69680GT         | PIN,CLEVIS,.625 X 1.50 LG. ....      |             |
| 17          | 28826GT         | WEAR PAD,MAST,5 X 1.5 S60 .....      | 2           |
| 18          | 29080GT         | SHIM,WEAR PAD,5X 1.5 16GA .....      | 2           |
| 19          | 29475GT         | SHIM,SLIDE PAD (NARROW),S60 .....    | 2           |
| 20          |                 | Ref. Hydraulic Cylinder - Lift ..... | 2           |
|             |                 | refer to section 601.1               |             |
| 21          | 25439GT         | PIN,BOOM PIVOT .....                 | 1           |
| 22          | 27698GT         | BEARING,2.50IDX2.75ODX2.00L .....    | 2           |
| 23          | 45425GT         | SCREW,FHS,3/8-16 X .75 .....         | 2           |
| 24          | 28106GT         | PAD,MAST REST,7 X 3 S60 .....        | 1           |

603.1 Number 2 Boom Installation



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                             | <i>Qty.</i> |
|-------------|-----------------|----------------------------------------------------------------|-------------|
| 1           | 27462GT         | WELDMENT,WEAR PAD RETAINER .....                               | 1           |
| 2           | 6019GT          | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                            | 26          |
| 3           | 6021GT          | WASHER, LOCK, .375 .....                                       | 26          |
| 4           | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....                               | 8           |
| 5           | 27226GT         | WEAR PAD,FIXED 8 X 3.5 S60 .....                               | 4           |
| 6           | 27305GT         | SHIM,MAST,S60 .....                                            | 2           |
| 6           | 28296GT         | RETAINER,GUIDE PAD .....                                       | 2           |
| 7           | 29471GT         | WELDMENT,NO.2 MAST,S60 .....                                   | 1           |
| 8           | 27308GT         | WEAR PAD,ADJUSTABLE .....                                      | 4           |
| 9           | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                   | 4           |
| 10          | 6357GT          | NUT,HEX,1/4-20 .....                                           | 4           |
| 11          | 27228GT         | WEAR PAD RETAINER WELDMENT .....                               | 2           |
| 12          | 28827GT         | WEAR PAD,MAST,5 X 1.5 S60 .....                                | 2           |
| 13          | 29080GT         | SHIM,WEAR PAD,5X 1.5 16GA .....                                | 2           |
| 14          | 29475GT         | SHIM,SLIDE PAD (NARROW),S60 .....                              | 2           |
| 15          | 27697GT         | BEARING,2.50IDX2.75ODX1.50L .....                              | 2           |
| 16          | 29479GT         | TRUNNION BEARING ASSY<br>includes 1 each index number 15 ..... | 1           |

604.1 Number 3 Mast Installation

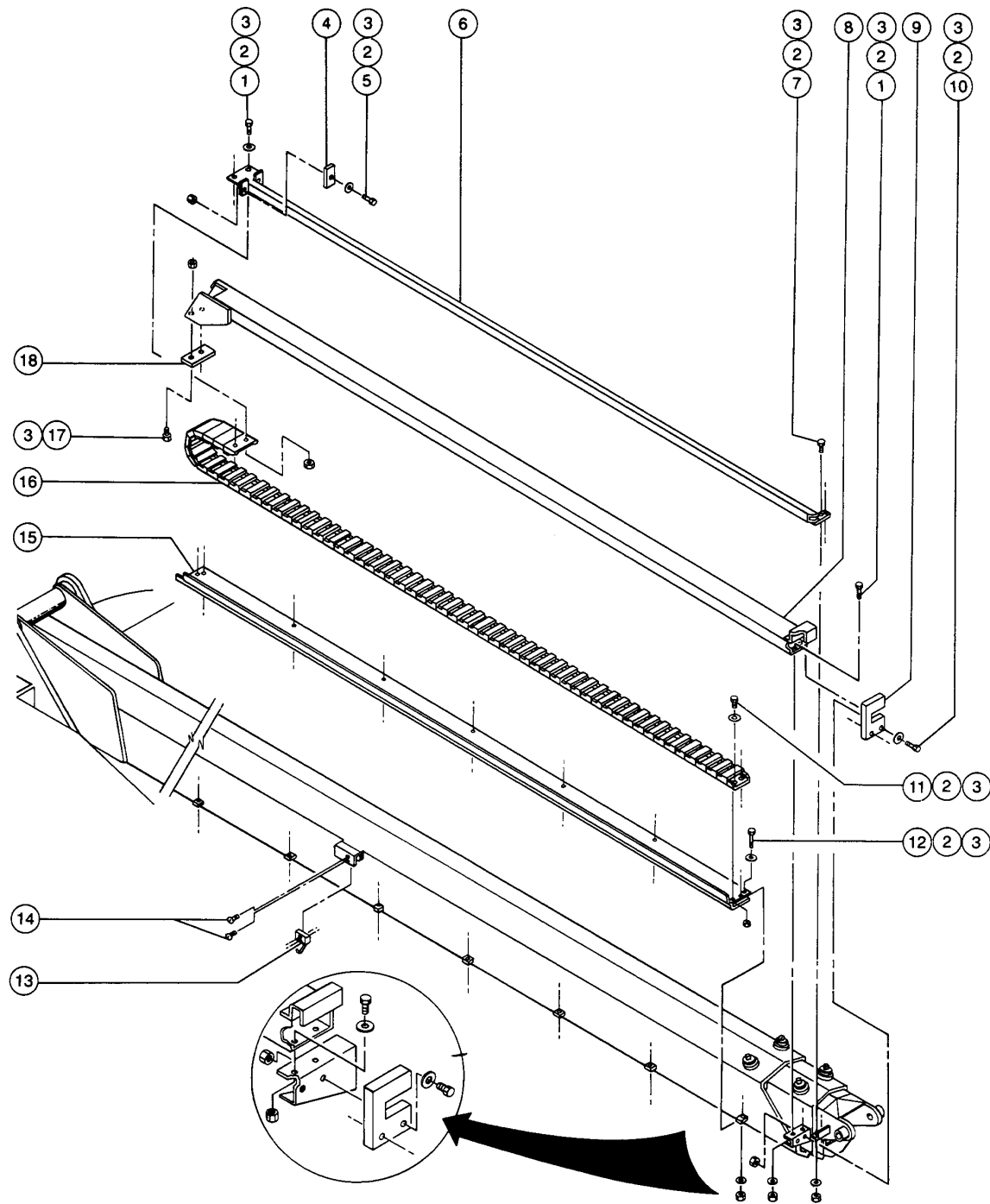




## 604.1 Number 3 Mast Installation

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 27226GT         | WEAR PAD, FIXED 8 X 3.5 S60 .....     | 2           |
| 2           | 27305GT         | SHIM, MAST, S60 .....                 | 2           |
| 3           | 29472GT         | WELDMENT, NO.3 MAST, S60 .....        | 1           |
| 4           | 27308GT         | WEAR PAD, ADJUSTABLE .....            | 2           |
| 5           | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....          | 2           |
| 6           | 6357GT          | NUT, HEX, 1/4-20 .....                | 2           |
| 7           | 27228GT         | WEAR PAD RETAINER WELDMENT .....      | 2           |
| 8           | 6019GT          | SCREW, HHC, 3/8-16 X 1.25 GRD 5 ..... | 4           |
| 9           | 6021GT          | WASHER, LOCK, .375 .....              | 4           |
| 10          | 5397GT          | WASHER, FLAT, USS, 5/16-18 .....      | 4           |

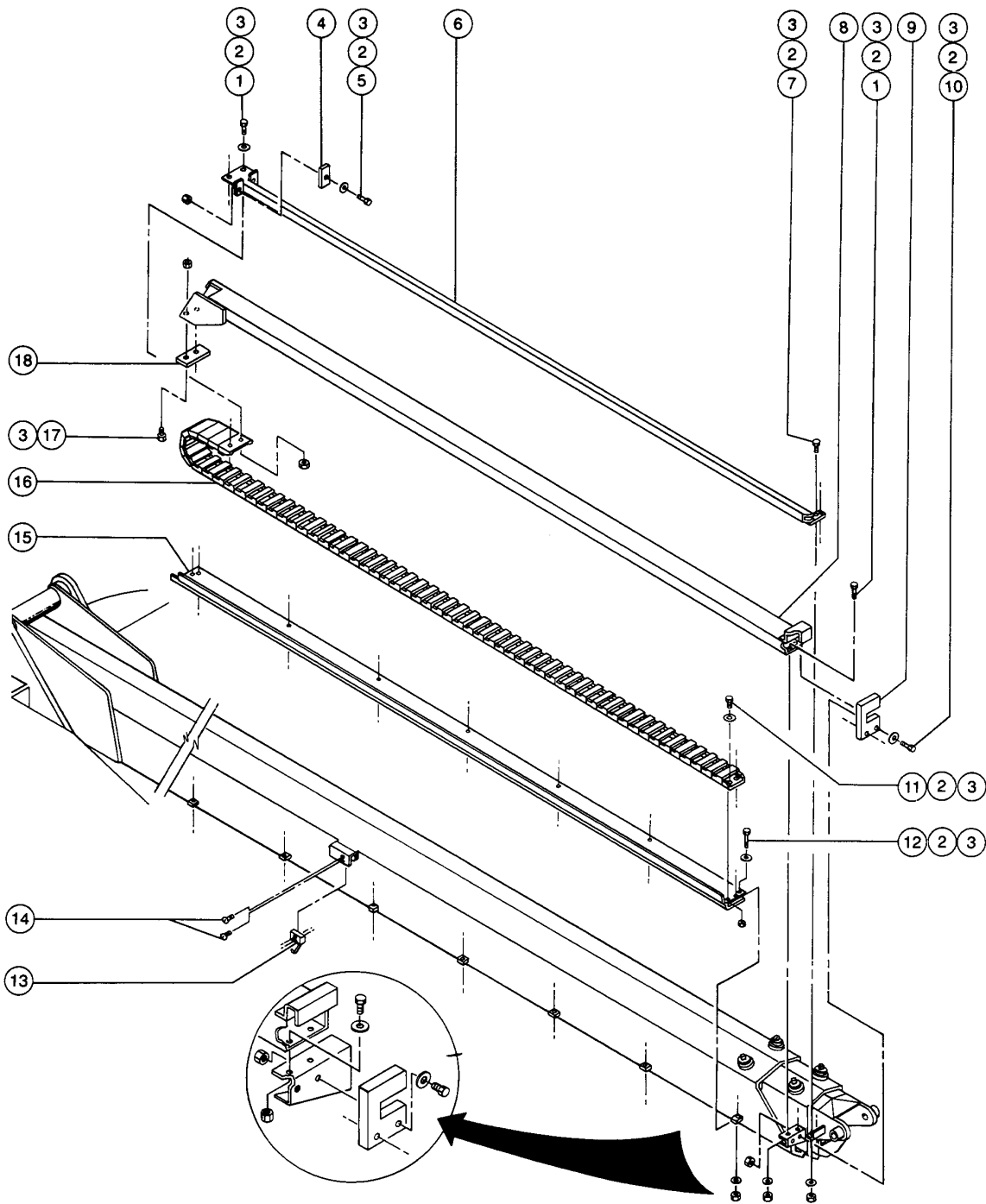
605.1 Cable Track Installation



## 605.1 Cable Track Installation

| Item | Part No.  | Description                                                           | Qty. |
|------|-----------|-----------------------------------------------------------------------|------|
| -    | 65870-SGT | LIMIT SWITCH GUARD PAINTED ***<br>must be installed with p/n 65871-S  |      |
| -    | 65871-SGT | BRACKET,LIMIT SWITCH(OUTER)***<br>must be installed with p/n 65870-S  |      |
| 1    | 6090GT    | SCREW, HHC, 1/4-20 X .75                                              | 4    |
| 2    | 6638GT    | WASHER, FLAT, USS, 1/4"Y                                              | 28   |
| 3    | 6091GT    | NUT, NYLOCK, 1/4-20                                                   | 22   |
| 4    | 25696GT   | WEAR PAD,CAB.TRACK,1.25X2.75<br>to SN 363                             | 1    |
| 4A   | 31411GT   | WEAR PAD,CABLE TRACK<br>from SN 364                                   | 2    |
| 5    | 4266GT    | SCREW,HHC,1/4-20 X 2                                                  | 2    |
| 6    | 29477GT   | CABLE TRACK TUBE,EXTENSION***<br>to SN 363                            | 1    |
| 6A   | 31419GT   | CABLE TRACK SUPP. TUBE WLD.***<br>from SN 364                         | 1    |
| 7    | 6888GT    | SCREW, HHC, 1/4-20 X 1                                                | 2    |
| 8    | 29478GT   | CABLE TRACK TUBE,PRIMARY<br>to SN 363                                 | 1    |
| 8A   | 31431GT   | CABLE TRACK TUBE<br>from SN 364                                       | 1    |
| 9    | 28295GT   | WEAR/GUIDE PAD,S60* PRIOR #364<br>to SN 363                           | 1    |
| 9A   | 31413GT   | WEAR/GUIDE PAD S60 SER# 364/UP<br>from SN 364                         |      |
| 10   | 8915GT    | SCREW, HHC, 1/4-20 X 1.25                                             | 2    |
| 11   | 8914GT    | SCREW, HHC, 1/4-20 X .625                                             | 2    |
| 12   | 6145GT    | SCREW, HHC, 1/4-20 X 1.5                                              | 8    |
| 13   | 96948GT   | SWITCH, LIMIT, W/ROLLER ARM***                                        | 1    |
| 13-  | 19491GT   | CONTACTOR,LIMIT SWITCH                                                | 1    |
| 13-  | 97128GT   | ROLLER ARM,LIMIT SWITCH***                                            | 1    |
| 14   | 6179GT    | SCREW,RHM,10-32 X 1.25                                                | 2    |
| 15   | 29476GT   | CABLE TRACK TRAY,S60<br>to SN 363                                     | 1    |
| 15A  | 30394GT   | CABLE TRACK TRAY,DRILLED. **<br>from SN 364 to 462 (72 inch length)   | 1    |
| 15A  | 31425GT   | CABLE TRACK TRAY,DRILLED(SB)<br>from SN 364 to 462 (59.5 inch length) | 1    |
| 15B  | 32295GT   | CABLE TRACK TRAY,DRILLED<br>from SN 463                               | 1    |
| 15C  | 31421GT   | COVER,CABLE TRACK<br>from SN 364 (88 inch length) (near turntable)    | 1    |
| 15C  | 31422GT   | COVER,CABLE TRACK<br>from SN 364 (72 inch length) (middle)            | 1    |

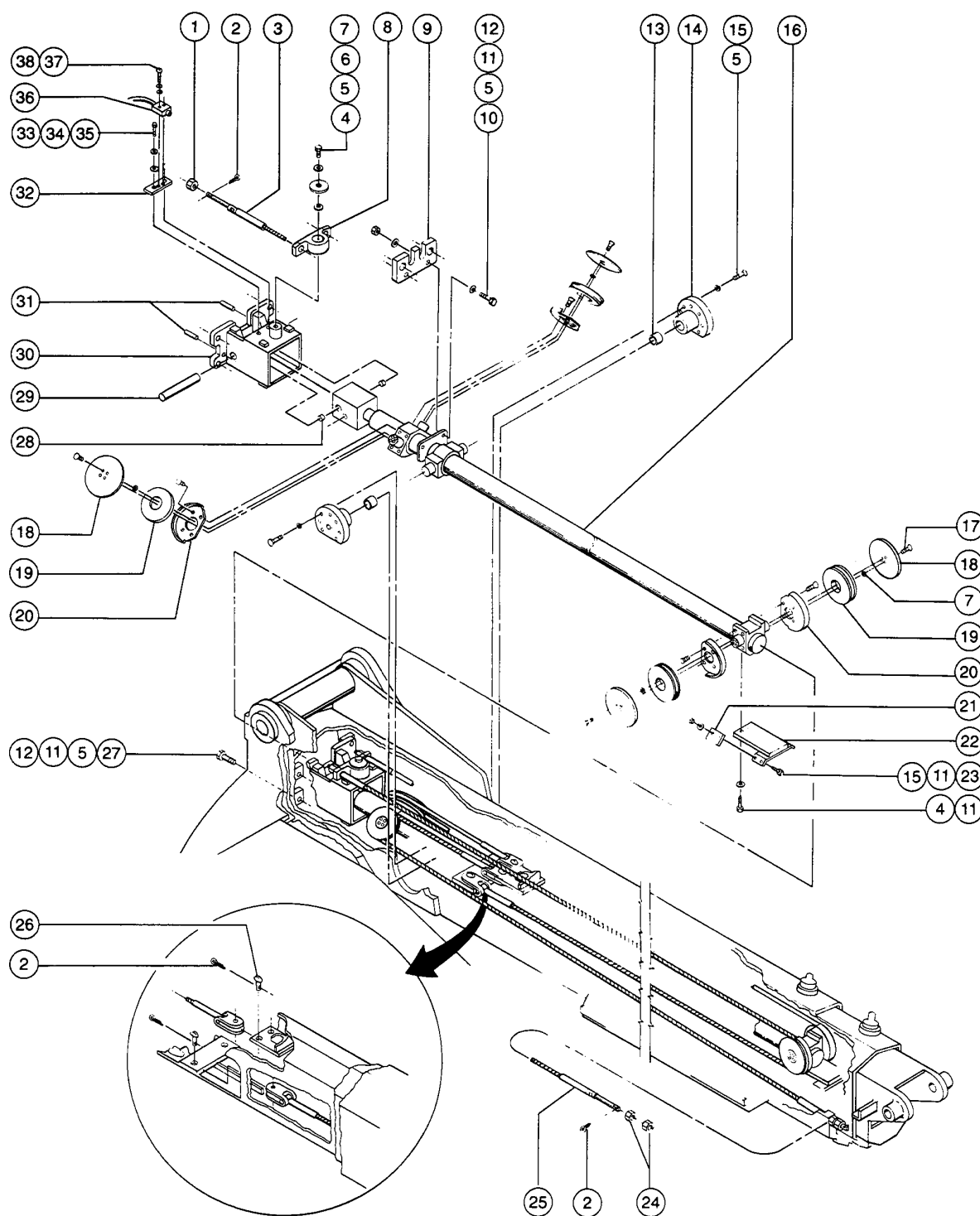
605.1 Cable Track Installation



## 605.1 Cable Track Installation

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                        | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------------------------------------------|-------------|
| 15C         | 31423GT         | COVER,CABLE TRACK<br>from SN 364 (43.5 inch length) (near platform) ..... | 1           |
| 16          | 38107GT         | TRACK,PLASTIC CABLE,116 LINKS* .....                                      | 1           |
| 16-         | 29480GT         | TRACK REPAIR,7 LINK (25706) .....                                         | 1           |
| 16-         | 29481GT         | PLASTIC TRACK BRKT SET .....                                              | 1           |
| 17          | 14297GT         | SCREW,BHHS,1/4-20 X .75 .....                                             | 2           |
| 18          | 25697GT         | WEAR PAD,CABLE TRACK,6.88X 4<br>to SN 363 .....                           | 1           |
| 18A         | 31412GT         | WEAR PAD BASE .....                                                       | 1           |
|             |                 | from SN 364                                                               |             |

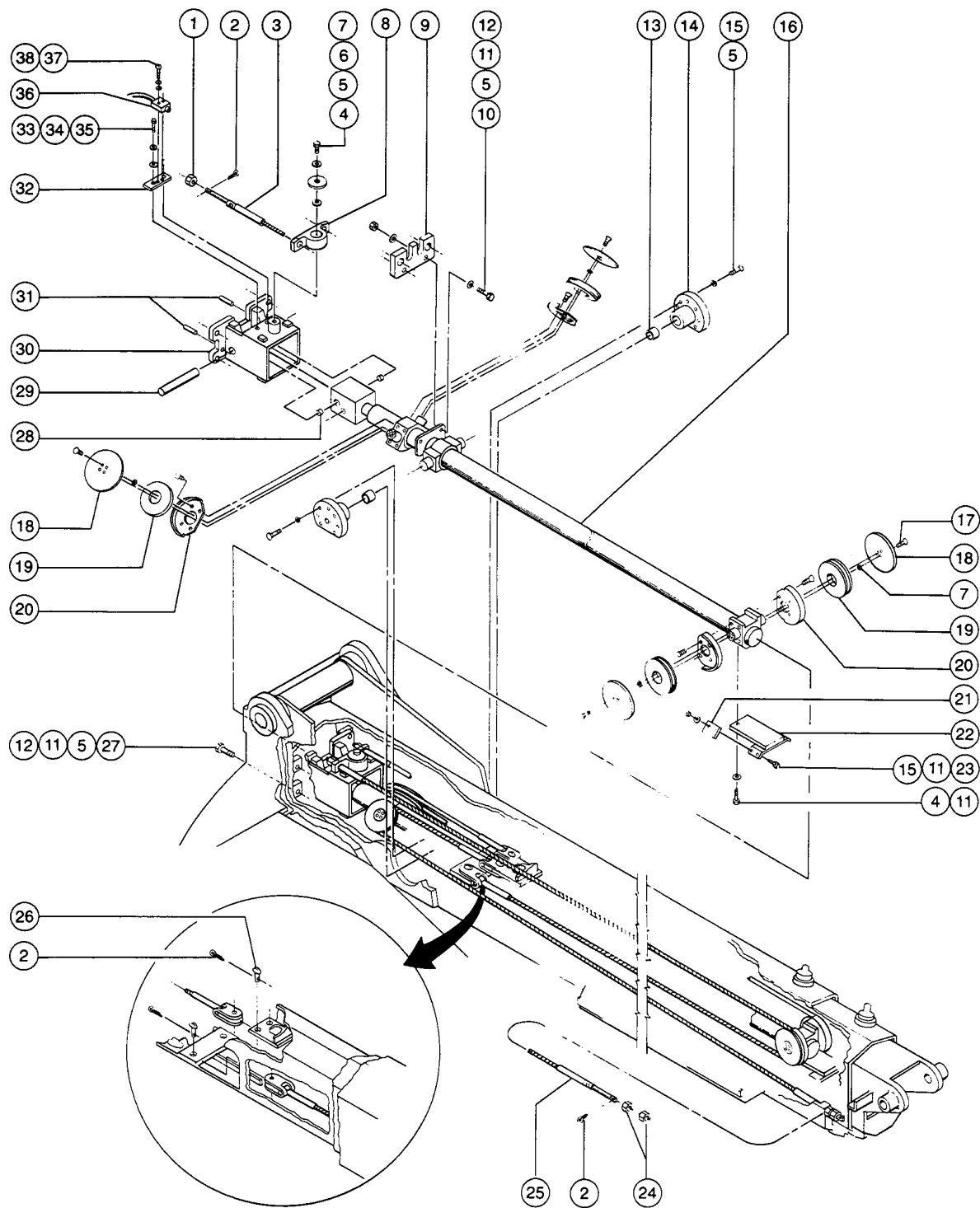
### 606.1 Extension Cylinder and Sequencing Cable Installation



## 606.1 Extension Cylinder and Sequencing Cable Installation

| Item | Part No.  | Description                                                    | Qty. |
|------|-----------|----------------------------------------------------------------|------|
| 1    | 13001GT   | NUT,NYLOCK,5/8-18 .....                                        | 2    |
| 2    | 1294954GT | PIN,COTTER,.1875"X1.5" .....                                   | 8    |
| 3    | 29473GT   | CABLE ASSY,EXTEND (442")<br>includes index numbers 26 .....    | 2    |
| 4    | 6175GT    | SCREW,HHC,3/8-16 X 1 .....                                     | 5    |
| 5    | 6021GT    | WASHER, LOCK, .375 .....                                       | 21   |
| 6    | 24039GT   | WASHER,3/8 PLATE (3/8X2X3/16TK .....                           | 1    |
| 7    | 7268GT    | WASHER,SHIM,.375 X.625X.033 ST .....                           | 17   |
| 8    | 28883PGT  | CABLE TENSION ROCKER,PAINTED .....                             | 1    |
| 9    | 27754GT   | CABLE GUIDE BLOCK,7.57 X 3.5 .....                             | 1    |
| 10   | 6708GT    | SCREW,HHC,3/8-16 X 2.25 .....                                  | 2    |
| 11   | 5397GT    | WASHER, FLAT, USS, 5/16-18 .....                               | 18   |
| 12   | 4828GT    | NUT, NYLOCK, 3/8-16 .....                                      | 6    |
| 13   | 27697GT   | BEARING,2.50IDX2.75ODX1.50L .....                              | 2    |
| 14   | 29479GT   | TRUNNION BEARING ASSY<br>includes 1 each index number 13 ..... | 2    |
| 15   | 6019GT    | SCREW,HHC,3/8-16 X 1.25 GRD 5 .....                            | 18   |
| 16   | 25215GT   | CYLINDER,EXTENSION<br>includes 2 each index number 28 .....    | 1    |
| 16   | 29185GT   | SEAL KIT,25215 EXT.CYL,S60 .....                               | 1    |
| 16   | 29485GT   | VALVE,COUNTERBALANCE .....                                     | 1    |
| 17   | 45425GT   | SCREW,FHS,3/8-16 X .75 .....                                   | 32   |
| 18   | 25521PGT  | THRUST PLATE,PAINTED .....                                     | 4    |
| 19   | 25518GT   | SHEAVE,EXTEND/RETRACT .....                                    | 4    |
| 20   | 25522GT   | WELDMENT,SHEAVE GUARD-BLUE .....                               | 4    |
| 21   | 27225GT   | WEAR PAD,TRUNNION,2 X 2 S60 .....                              | 2    |
| 22   | 27221GT   | WELDMENT,TRUNNION SLIDE .....                                  | 1    |
| 23   | 7713GT    | NUT, LP NYLOCK, 3/8-16 .....                                   | 4    |
| 24   | 54627GT   | NUT,LUG,5/8-18 X 90 DEGREE,Z45 .....                           | 4    |
| 25   | 29474GT   | CABLE ASSY,RETRACT (277")<br>includes index number 26 .....    | 2    |
| 26   | 69680GT   | PIN,CLEVIS,.625 X 1.50 LG. ....                                |      |

606.1 Extension Cylinder and Sequencing Cable Installation

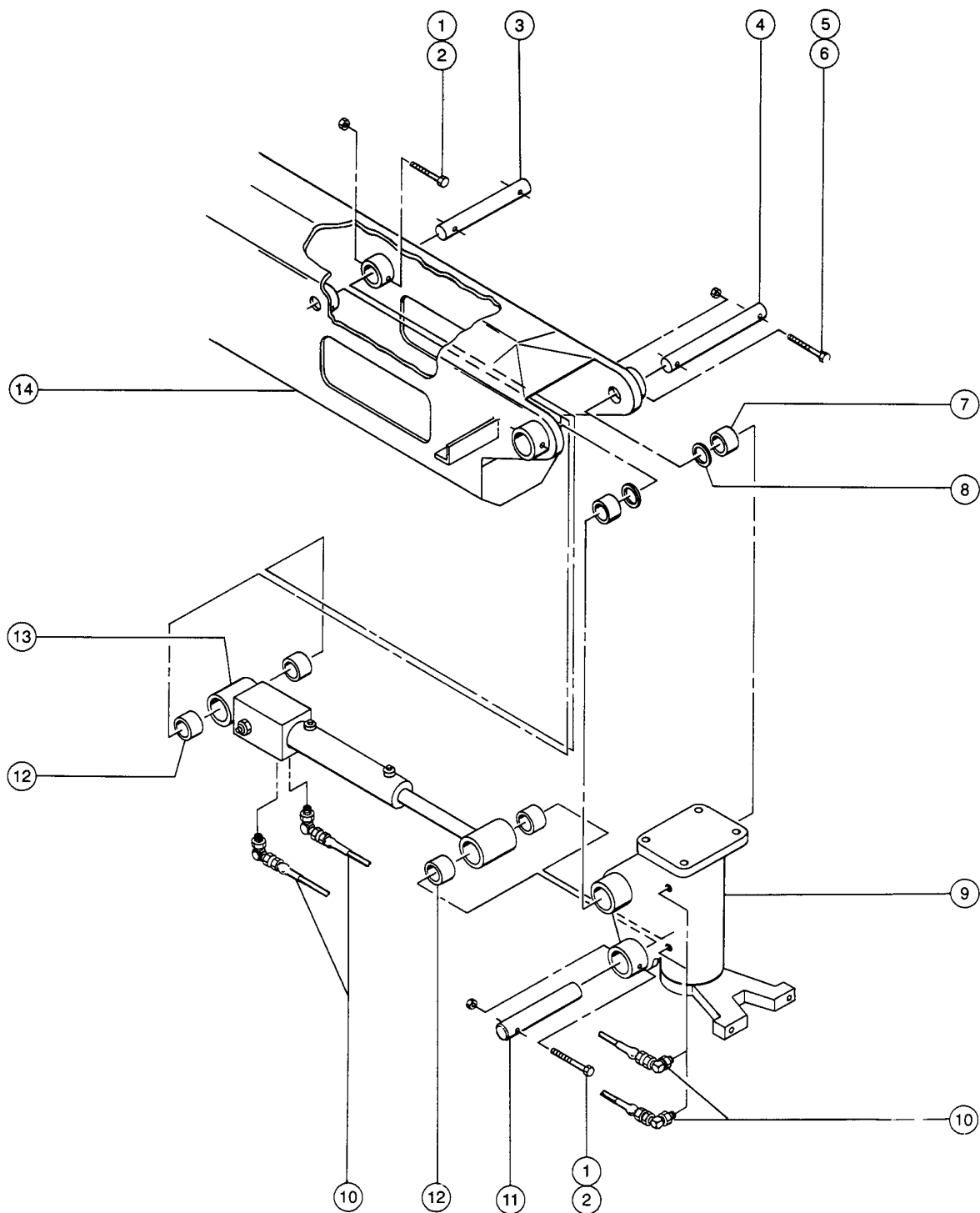




## 606.1 Extension Cylinder and Sequencing Cable Installation

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 27          | 6326GT          | SCREW,HHC,3/8-16 X 3 .....           | 4           |
| 28          | 25683GT         | BEARING,POLYGON,20DU12 .....         | 2           |
| 29          | 27309GT         | PIN,EXTENSION CYLINDER .....         | 1           |
| 30          | 25511GT         | BRACKET,EXTENSION CYL.ANCHOR .....   | 1           |
| 31          | 14815GT         | PIN,ROLL,SST,.25 X 2.25 .....        | 2           |
| 32          | 29145PGT        | PLATE,ROCKER ADJUSTMENT,PAINTD ..... | 1           |
| 33          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....       | 2           |
| 34          | 6356GT          | WASHER, LOCK, .25 .....              | 2           |
| 35          | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....       | 2           |
| 36          | 24147GT         | SWITCH,ROLLER PLUNGER LIMIT .....    | 1           |
| 37          | 6606GT          | SCREW,RHM,10-32 X .75 .....          | 2           |
| 38          | 6607GT          | WASHER,LOCK,#10 PLTD .....           | 4           |

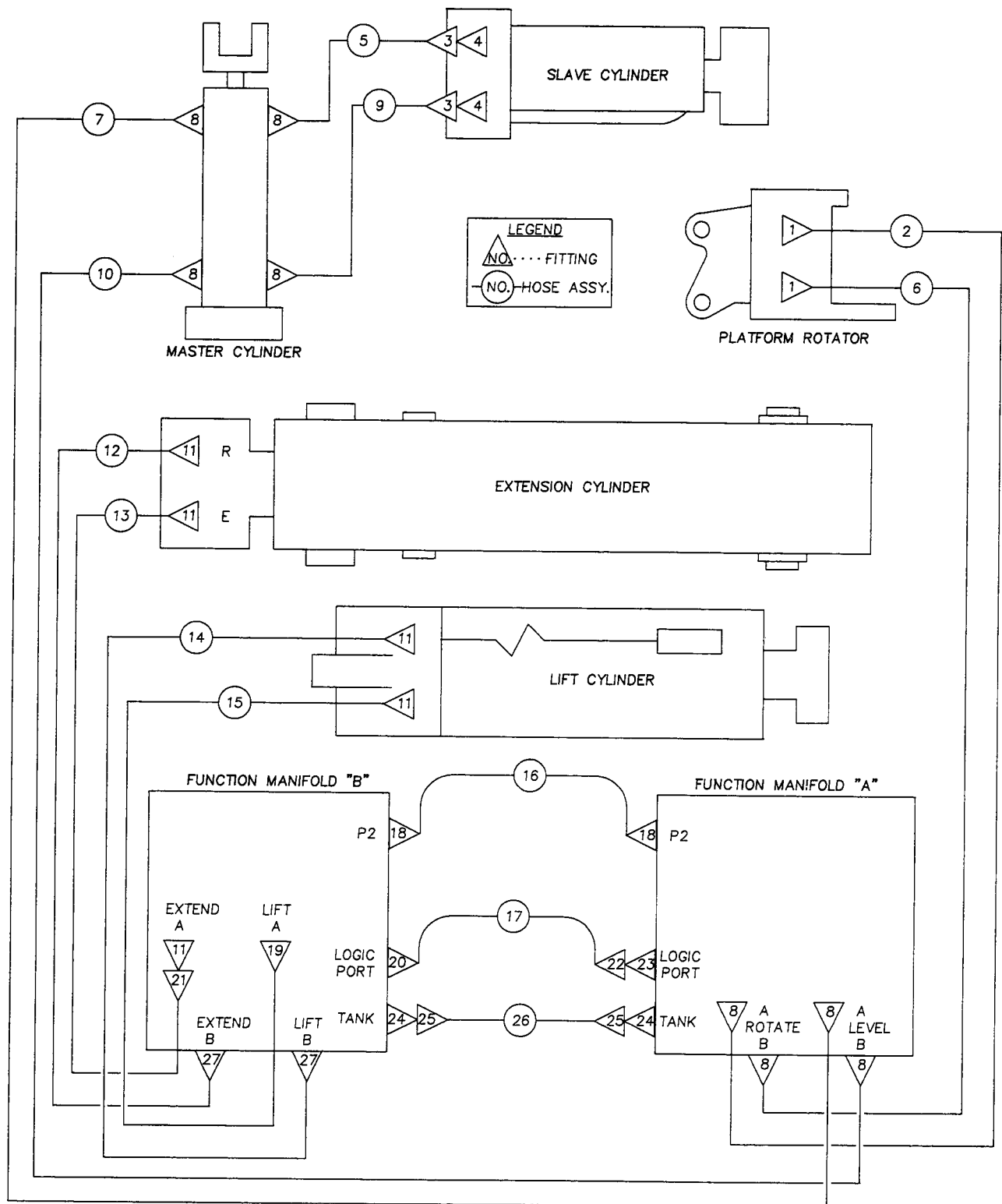
607.1 Slave Cylinder and Platform Rotator



## 607.1 Slave Cylinder and Platform Rotator

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                    | <i>Qty.</i> |
|-------------|-----------------|---------------------------------------|-------------|
| 1           | 6326GT          | SCREW,HHC,3/8-16 X 3 .....            | 2           |
| 2           | 7713GT          | NUT, LP NYLOCK, 3/8-16 .....          | 2           |
| 3           | 25452GT         | PIN,SLAVE CYLINDER .....              | 1           |
| 4           | 27240GT         | PIN,PLAT ROTATOR PIVOT .....          | 1           |
| 5           | 8178GT          | SCREW, HHC, 3/8-16 X 2.5 .....        | 1           |
| 6           | 4828GT          | NUT, NYLOCK, 3/8-16 .....             | 1           |
| 7           | 29483GT         | BEARING,GARLOCK,20DU20 .....          | 2           |
| 8           | 18596GT         | WASHER,FLAT,1.56 X 2.5 X .061 .....   | 2           |
| 9           |                 | ROTATOR,HELICAL,PLAT-PAINTED .....    | 1           |
|             |                 | (component no longer available)       |             |
| 9-          | 29482GT         | SEAL KIT,25211 ROTATOR .....          | 1           |
|             |                 | for 25211P                            |             |
| 9-          | 29484GT         | BEARING KIT,ROTATION (25211) .....    | 1           |
|             |                 | for 25211P                            |             |
| 9-          | 13852GT         | VALVE ASSY,BLEED*** .....             | 1           |
|             |                 | for 25211P                            |             |
| 10          |                 | Ref. Hydraulic Hoses & Fittings ..... | 1           |
|             |                 | refer to section 608.1                |             |
| 11          | 27326GT         | PIN,1.25 X 7.57 IN,1HOLE .....        | 1           |
| 12          | 25683GT         | BEARING,POLYGON,20DU12 .....          | 4           |
| 13          | 25212GT         | CYLINDER,SLAVE .....                  | 1           |
|             |                 | includes 4 each index number 12       |             |
| 13          | 29183GT         | SEAL KIT,25212,25217,25372,S60 .....  | 1           |
| 13          | 29083GT         | VALVE,COUNTERBALANCE,2500 PSI* .....  | 1           |
| 13          | 13852GT         | VALVE ASSY,BLEED*** .....             | 1           |
| 14          | 29472GT         | WELDMENT,NO.3 MAST,S60 .....          | 1           |

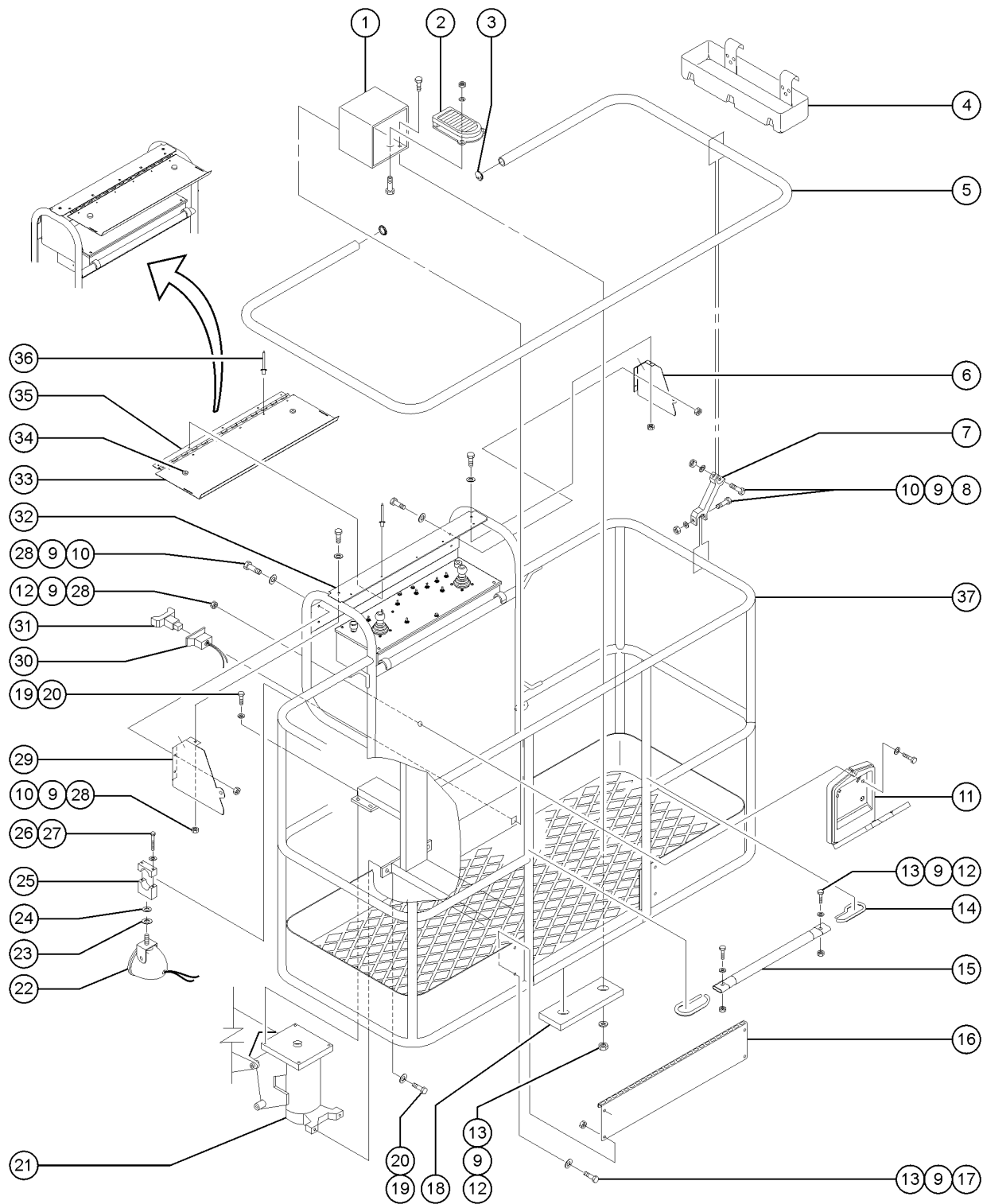
## 608.1 Hydraulic Hoses and Fittings - Boom Module



## 608.1 Hydraulic Hoses and Fittings - Boom Module

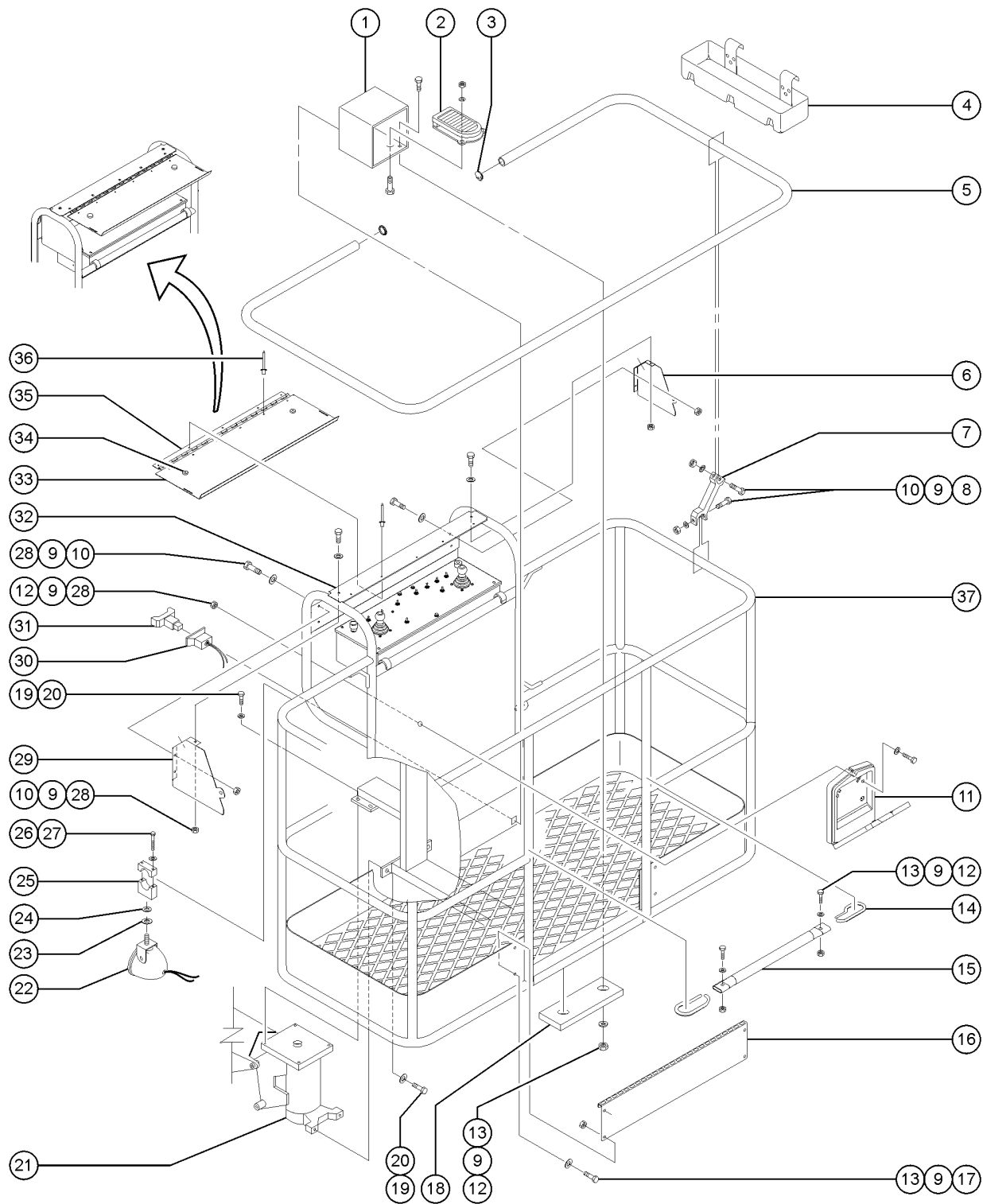
| Item | Part No. | Description                                                                           | Qty. |
|------|----------|---------------------------------------------------------------------------------------|------|
| 1    | 13921GT  | ELBOW,070220-4-4 .....                                                                | 2    |
| 2    | 28586GT  | HOSE ASSY,ROTATE"A"/PLAT.ROTAT<br>(includes 45474, 45474 and 1663 @ 835 inches) ..... | 1    |
| 3    | 45415GT  | ELBOW,070221-4-4 .....                                                                | 2    |
| 4    | 13755GT  | CONNECTOR,070120-4-4 .....                                                            | 2    |
| 5    | 28589GT  | HOSE ASSY,MSTR.CYL./SLAVE CYL. ....                                                   | 1    |
| 6    | 28586GT  | HOSE ASSY,ROTATE"A"/PLAT.ROTAT<br>(includes 45474, 45474 and 1663 @ 835 inches) ..... | 1    |
| 7    | 28579GT  | HOSE ASSY,LEVEL"A"/MSTR.CYL. ....                                                     | 1    |
| 8    | 12340GT  | ELBOW,070220-4-6 .....                                                                | 8    |
| 9    | 28588GT  | HOSE ASSY,MSTR.CYL./SLAVE CYL. ....                                                   | 1    |
| 10   | 28580GT  | HOSE ASSY,LEVEL"B"/MSTR.CYL. ....                                                     | 1    |
| 11   | 45703GT  | CONNECTOR,070120-8-8 .....                                                            | 5    |
| 12   | 28576GT  | HOSE ASSY,EXTEND"B"/CYLINDER .....                                                    | 1    |
| 13   | 28575GT  | HOSE ASSY,EXTEND"A"/CYLINDER .....                                                    | 1    |
| 14   | 28574GT  | HOSE ASSY,LIFT"B"/CYLINDER .....                                                      | 1    |
| 15   | 28573GT  | HOSE ASSY,LIFT"A"/CYLINDER .....                                                      | 1    |
| 16   | 27964GT  | TUBE,FNCTN.MNFLD-PRESSURE 3/4" .....                                                  | 1    |
| 17   | 28062GT  | TUBE,FNCTN.MNFLD-SENSOR,3/8" .....                                                    | 1    |
| 18   | 20925GT  | ELBOW,070220-12-12 .....                                                              | 2    |
| 19   | 45357GT  | ELBOW,070220-8-8*** .....                                                             | 1    |
| 20   | 13120GT  | ELBOW,070220-6-6 .....                                                                | 1    |
| 21   | 45702GT  | ELBOW,070221-8-8 .....                                                                | 1    |
| 22   | 45367GT  | ELBOW,070221-6-6 .....                                                                | 1    |
| 23   | 45412GT  | CONNECTOR,070120-6-6 .....                                                            | 1    |
| 24   | 20709GT  | CONNECTOR,070120-16-16 .....                                                          | 2    |
| 25   | 21250GT  | HOSE END,BARBED,SWIVEL,-16-16 .....                                                   | 2    |
| 26   | 28585GT  | HOSE ASSY,FUNCTN"A"/FUNCTN "B" .....                                                  | 1    |
| 27   | 45349GT  | ELBOW,070320-8-8 .....                                                                | 2    |

701.1 Platform Installation



| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                               | <i>Qty.</i>          |
|-------------|-----------------|------------------------------------------------------------------|----------------------|
| A-          | 34321-SGT       | OPTION,WORKLIGHT,12 VOLT .....                                   |                      |
| B-          | 53157-SGT       | PINCH GUARD,6'(1.31")SERVICE** .....                             |                      |
| C-          | 60922GT         | OPTION,EURO TOEBOARD .....                                       |                      |
|             |                 | (includes item 16)                                               |                      |
| 1           | 27528GT         | FOOT SWITCH GUARD W/DECALZ45 .....                               | 1                    |
| 2           | 13482GT         | FOOT SWITCH*** .....                                             | 1                    |
|             |                 | includes fasteners                                               |                      |
| 2-          | 20262GT         | MICROSWITCH,13482 FOOTSWITCH .....                               | 1                    |
| 3           | 55753GT         | BUMPER, PLASTIC, 1.25 O.D. ....                                  | 2                    |
| 4           | 9599-SGT        | TOOL TRAY ACCESSORY*** .....                                     | 1                    |
| 5           | 1259704GT       | PINCH GUARD RAIL,6' PLATFORM .....                               | 1                    |
|             |                 | includes 55753 bumpers                                           |                      |
| 5-          | 52661GT         | PINCH GUARD RAIL,8' PLATFORM** .....                             |                      |
|             |                 | includes 2 each index number 3                                   |                      |
| 6           | 119797GT        | CONTROL BOX COVER, RIGHT SIDE* .....                             |                      |
| 7           | 28807GT         | SUPPORT,RAILING .....                                            | 10                   |
| 8           | 4266GT          | SCREW,HHC,1/4-20 X 2 .....                                       |                      |
| 9           | 6638GT          | WASHER, FLAT, USS, 1/4"Y .....                                   |                      |
| 10          | 6889GT          | NUT,LP NYLOCK,1/4-20 .....                                       |                      |
| 11          | 44743GT         | MANUAL BOX W/DECALS*** .....                                     | 1                    |
|             |                 | USA/Canada/Australia                                             |                      |
| 11B         | 24514GT         | BOX, INSTRUCTION STORAGE** .....                                 |                      |
|             |                 | Europe/Asia/South America (decals required; refer to Section100) |                      |
| 12          | 6888GT          | SCREW, HHC, 1/4-20 X 1 .....                                     |                      |
| 13          | 6091GT          | NUT, NYLOCK, 1/4-20 .....                                        |                      |
| 14          | 12443GT         | MIDRAIL GUIDE ( HOOK ) .....                                     | 2                    |
| 15          | 102992GT        | SLIDING MIDRAIL KIT,PTD .....                                    | 1                    |
|             |                 | includes index numbers 9, 12, 13 and 14                          |                      |
| 15-         | 12446-SGT       | TUBE,STD SLIDING MIDRAIL,PAINT .....                             | 1                    |
| 15-         | 21121GT         | CABLE TIE, 4" BLK, HEAT RESISTANT .....                          | 1                    |
| 15-         | 31146GT         | WIRE LOOM,.413" NON-SLIT*** .....                                | 16<br>in<br>ch<br>es |
| 16          | 94745PGT        | TOEBOARD,ENTRY EUROPEAN PNTD** .....                             | 1                    |
| 17          | 8915GT          | SCREW, HHC, 1/4-20 X 1.25 .....                                  |                      |
| 18          | 13840GT         | FOOT SWITCH MOUNTING PLATE-6" .....                              | 1                    |

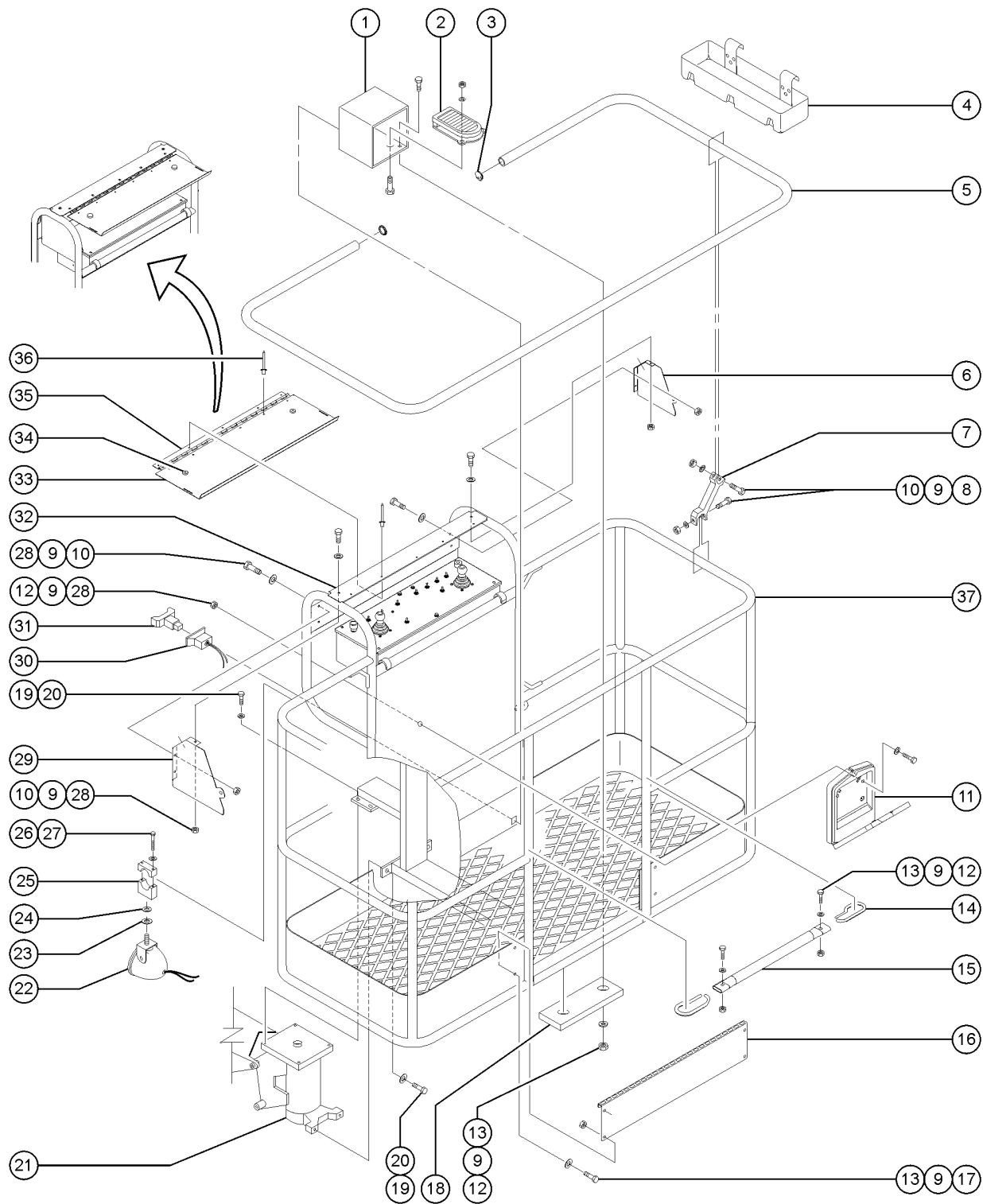
701.1 Platform Installation





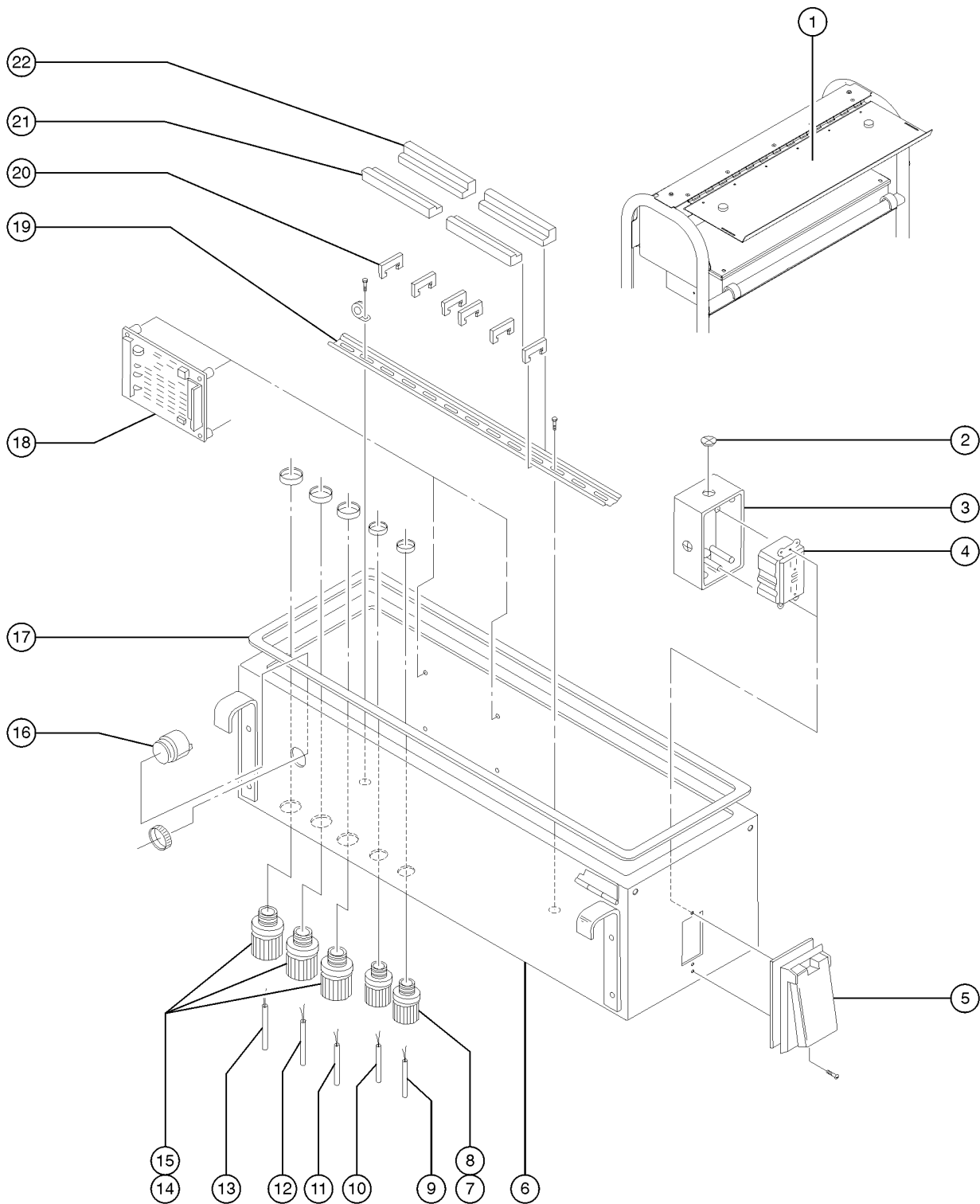
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 19          | 8177GT          | SCREW,HHC,1/2-13 X 1.5 .....         |             |
| 20          | 6033GT          | WASHER,LOCK,0.5" .....               |             |
| 21          |                 | Ref. Rotator Platform .....          |             |
|             |                 | (refer to 607.1)                     |             |
| 22          | 107858GT        | WORKLIGHT,48 VOLT .....              | 2           |
| 22A         | 35960GT         | BULB,WORKLIGHT,12V 35W .....         |             |
| 23          | 6036GT          | WASHER,LOCK,.625 PLTD .....          | 1           |
| 24          | 6035GT          | WASHER,FLAT,USS,5/8",Y .....         | 1           |
| 25          | 35956GT         | WORK LIGHT MOUNTING BRACKET .....    | 2           |
| 26          | 6145GT          | SCREW, HHC, 1/4-20 X 1.5 .....       | 4           |
| 27          | 6356GT          | WASHER, LOCK, .25 .....              | 4           |
| 28          | 6090GT          | SCREW, HHC, 1/4-20 X .75 .....       | 2           |
| 29          | 119796GT        | CONTROL BOX COVER,LEFT SIDE** .....  |             |
| 30          | 22431GT         | TERMINAL,ANDERSON,30A 12-16 GA ..... | 1           |
| 30-         | 22432GT         | ANDERSON HOUSING,15-45 AMP BLK ..... | 1           |
| 30-         | 22433GT         | ANDERSON HOUSING,15-45,AMP,WHT ..... | 1           |
| 30-         | 22434GT         | ANDERSON HOUSING,15-45 AMP RED ..... | 1           |
| 30-         | 29431GT         | CONNECTOR ASSEMBLY,FOOTSWITCH .....  | 1           |
| 30-         | 45139GT         | RECEPT.,SNAP-IN,4 POLE ANDERSN ..... | 1           |
| 30-         | 45200GT         | SPACER,SHORT ANDERSON .....          | 1           |
| 30-         | 45202GT         | PIN,ROLL,.094 X .875 .....           | 1           |
| 31          | 22431GT         | TERMINAL,ANDERSON,30A 12-16 GA ..... | 1           |
| 31-         | 22432GT         | ANDERSON HOUSING,15-45 AMP BLK ..... | 1           |
| 31-         | 22433GT         | ANDERSON HOUSING,15-45,AMP,WHT ..... | 1           |
| 31-         | 22434GT         | ANDERSON HOUSING,15-45 AMP RED ..... | 1           |
| 31-         | 29430GT         | WIRE ASSY,FOOTSWITCH,S60 .....       | 1           |
| 31-         | 45201GT         | SPACER,LONG ANDERSON .....           | 1           |
| 31-         | 45202GT         | PIN,ROLL,.094 X .875 .....           | 1           |
| 31-         | 45313GT         | PLUG,W/LATCH,4 POLE,ANDERSON .....   | 1           |

701.1 Platform Installation



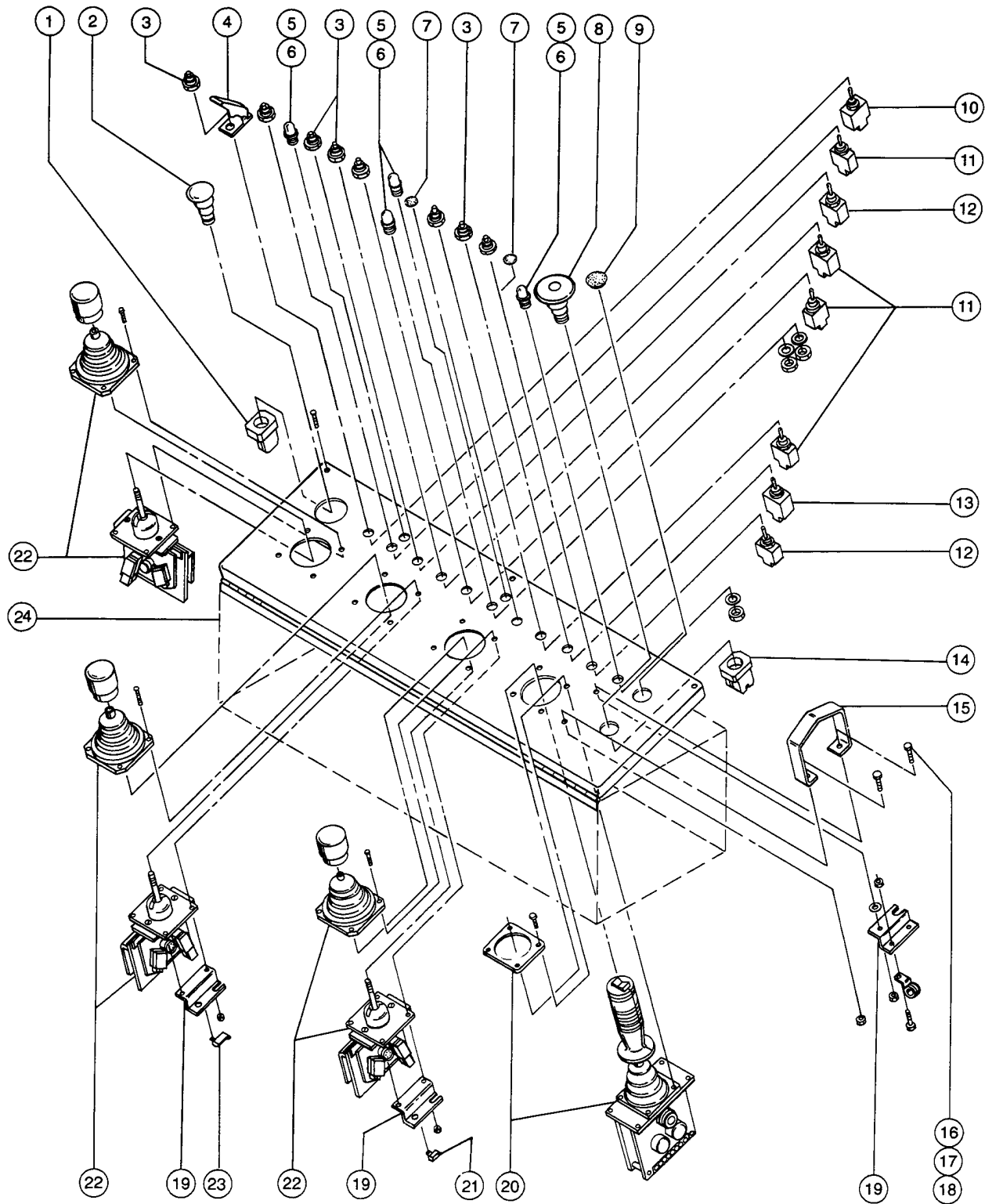
| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                                           | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------------------------------------|-------------|
| 32          | 119562PGT       | GUARD,PLATFORM CNTRL PANEL PTD .....                                                                         |             |
| 32-         | 119642GT        | KIT,PLAT CONTROL PANEL GUARD**<br>includes part 119562P, required for first time installation .....          |             |
| 33          | 89915PGT        | COVER,CONTROL BOX LID .....                                                                                  |             |
| 33-         | 119795GT        | KIT,CONTROL BOX COVER<br>includes part 89915P, index number 32 is required for first time installation ..... |             |
| 34          | 43392GT         | BUMPER,BATTERY BOX & RAILS .....                                                                             |             |
| 35          | 111526GT        | HINGE,PLAT CONTROL BOX COVER .....                                                                           |             |
| 36          | 54486GT         | RIVET,ALUM,ALUM,3/16BUTTONHEAD .....                                                                         |             |
| 37          | 29581GT         | PLAT. ASSY,6',EUROPE,S60,OLD** .....                                                                         |             |

702.1 Platform Controls - View 1



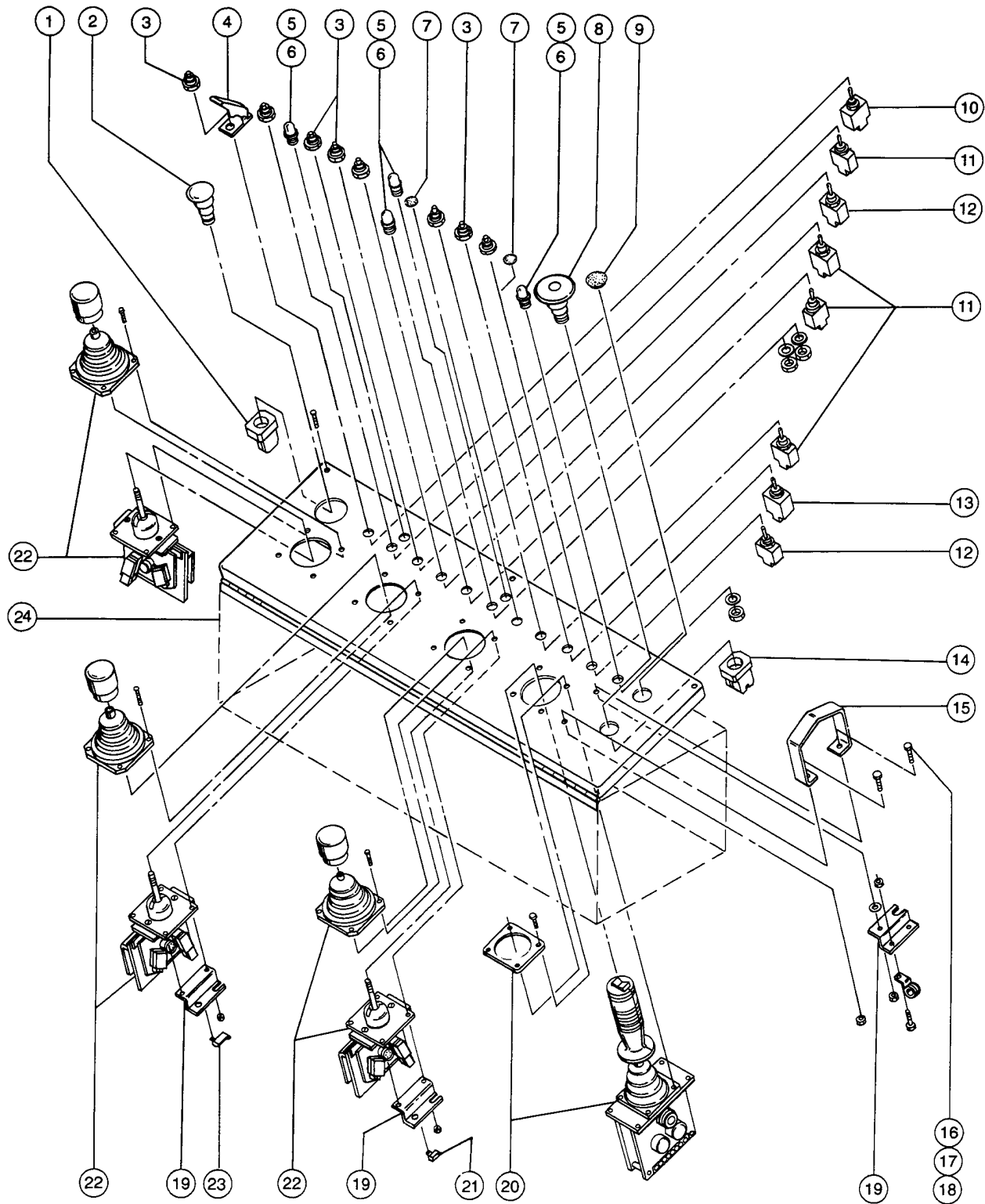
| Item | Part No. | Description                                                                              | Qty.                   |
|------|----------|------------------------------------------------------------------------------------------|------------------------|
| 1    |          | REF. PLAT CONTROL BOX COVER .....<br>(Refer to 701.1)                                    |                        |
| 2    | 8843GT   | COVER,KNOCK OUT HOLE,4 PER BAG .....                                                     | 3                      |
| 3    | 10775GT  | T-BOX, 2.75 X 4.5 X 2.0** .....                                                          | 1                      |
| 4A   | 13585GT  | OUTLET, 110V .....                                                                       | 1                      |
| 4B   | 19975GT  | RECEPTACLE - BRITISH, 110V .....                                                         | 1                      |
| 5    | 45437GT  | COVER,GFCI,WEATHERPROOF .....<br>includes mounting fasteners                             | 1                      |
| 6    | 29433GT  | CONTROL BOX W/LID+DECAL,PLATFM .....<br>includes index number 18                         | 1                      |
| 8    | 7056GT   | CONN, SQZ, 1/2NPT, 0.38-0.50,SM .....                                                    | 2                      |
| 7    | 6935GT   | CONN, SQZ, 1/2NPT, LOCKNUT .....                                                         | 2                      |
| 9    | 43956GT  | WIRE CABLE, 14/GA/3 CON. TPE JKT* .....                                                  | 90<br>0-i<br>nc<br>hes |
| 10   | 29430GT  | WIRE ASSY,FOOTSWITCH,S60 .....                                                           | 1                      |
| 11   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....                                                        | 94<br>8-i<br>nc<br>hes |
| 12   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....                                                        | 93<br>6-i<br>nc<br>hes |
| 13   | 35934GT  | WIRE CABLE,18/19 CON.TPRJKT .....                                                        | 92<br>4-i<br>nc<br>hes |
| 15   | 12960GT  | CABLE SQUEEZE CONN.,XTRA LRG .....                                                       | 3                      |
| 14   | 14041GT  | LOCKNUT,ELECTRIC,3/4" .....                                                              | 3                      |
| 16   | 45383GT  | ALARM,WARBLE TONE 5-30 VDC*** .....<br>(Does not include 72326 nut)                      | 1                      |
| 16-  | 72326GT  | NUT - PLASTIC, RING FOR ALARMS .....                                                     |                        |
| 17   | 27115GT  | GASKET,UPPER CONTROL BOX .....                                                           | 1                      |
| 18   |          | LIMITER PC BOARD, HORSEPOWER .....<br>(includes mounting fasteners), no longer available | 1                      |
| 18-  | 39591GT  | SPACER,NYLON,.375 .....<br>sold separately                                               | 4                      |
| 19   | 25839GT  | DIN RAIL,19.75" .....                                                                    | 1                      |
| 20   | 25838GT  | MOUNTING ADAPTOR .....                                                                   | 6                      |
| 21   | 25834GT  | QUICK DISCONNECT MALE .....                                                              | 2                      |
| 22   | 28308GT  | QUICK DISCONNECT,FEMALE** .....                                                          | 2                      |

703.1 Platform Controls - View 2



| Item | Part No.  | Description                                                            | Qty. |
|------|-----------|------------------------------------------------------------------------|------|
| 1    | 66815GT   | BASE, W/1 N.O. CONTACTS***                                             | 1    |
| 1-   | 66816GT   | CONTACT,N.O.***                                                        | 1    |
| 2    | 122513GT  | KIT,HORN SVC BB&SM BOOM<br>required ONLY for first time replacement    | 1    |
| 2-   | 66813GT   | BUTTON,PUSH,BLACK W/SEAL***                                            |      |
| 3    | 27246GT   | BOOT,TOGGLE SWITCH,SHORT*<br>models with Ford LSG-423 Dual Fuel Engine | 8    |
| 3B   | 27246GT   | BOOT,TOGGLE SWITCH,SHORT*<br>models with Deutz FL1011 Diesel Engine    | 7    |
| 4    | 13471GT   | COVER, AUXILIARY POWER SWITCH                                          | 1    |
| 5    | 22776GT   | SOCKET,IND.LITE,W/RED LENS                                             | 4    |
| 6    | 22777GT   | LIGHTBULB,T 1.75,14V(10PACK)                                           | 4    |
| 7    | 45384GT   | PLUG,NYLON .50 BLACK DOMED                                             | 1    |
| 8    | 122514GT  | KIT,ESTOP SVC BB&SM BOOM                                               | 1    |
| 9    | 15243GT   | PLUG,NYLON .875 BLACK DOMED                                            | 1    |
| 10   | 13480-SGT | SWITCH,TOGGLE,DPDT,2POS MOMEN<br>includes mounting fasteners           | 1    |
| 11   | 13037-SGT | SWITCH,TOGGLE,SPDT,3POS MOMEN*<br>includes mounting fasteners          | 4    |
| 12   | 27378-SGT | SWITCH,TOGGLE,DPDT,2POS MAINT*<br>includes mounting fasteners          | 2    |
| 13   | 13038-SGT | SWITCH,TOGGLE,DPDT,3POS MAINT<br>includes mounting fasteners           | 1    |
| 14   | 66821GT   | BASE,WITHOUT CONTACTS                                                  | 1    |
| 14-  | 66818GT   | CONTACT,NC                                                             | 1    |
| 15   | 27033PGT  | SUPPORT,WRIST,PAINTED-BLUE                                             | 1    |
| 16   | 8914GT    | SCREW, HHC, 1/4-20 X .625                                              | 2    |
| 17   | 6638GT    | WASHER, FLAT, USS, 1/4"Y                                               | 2    |
| 18   | 6091GT    | NUT, NYLOCK, 1/4-20                                                    | 2    |
| 19   | 54525GT   | BRACKET-PANEL-WIRE MOUNTING 99                                         | 3    |
| 20   | 20424GT   | JOYSTICK CONTROLLER,12V<br>OEM joystick                                | 1    |
| 20-  | 20424HGT  | JOYSTICK CONTROLLER,12V<br>aftermarket joystick replacement            |      |
| 21   | 27117GT   | RESISTOR,250 OHM,5 WATT                                                | 1    |
| 22   | 24495GT   | JOYSTICK,SINGLE AXIS PROPORT<br>OEM joystick                           | 3    |
| 22-  | 24495HGT  | JOYSTICK,SINGLE AXIS PROPORT<br>aftermarket joystick replacement       |      |

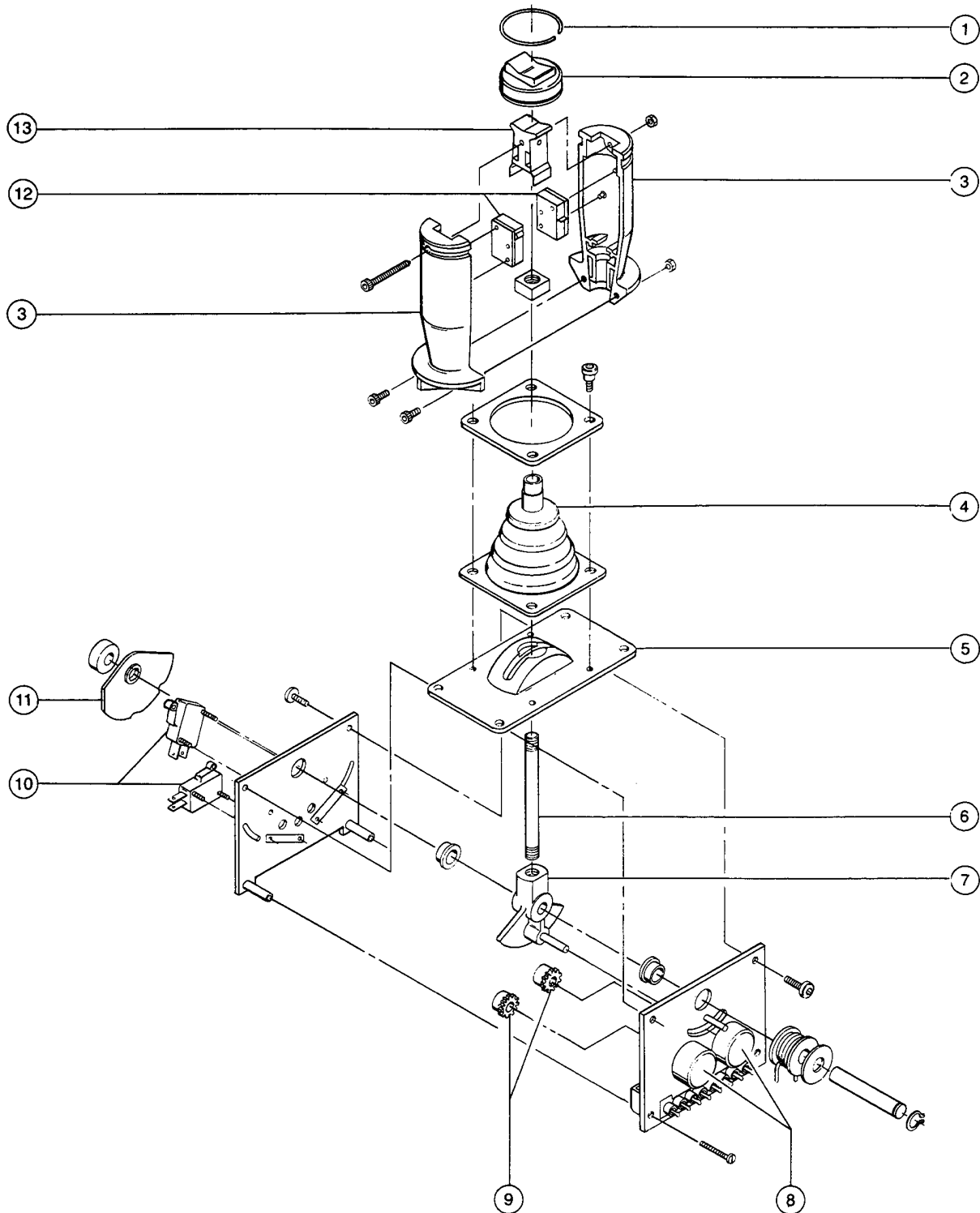
703.1 Platform Controls - View 2





| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------|-------------|
| 23          | 27116GT         | RESISTOR,100 OHM,25 WATT .....       | 1           |
| 24          | 29433GT         | CONTROL BOX W/LID+DECAL,PLATFM ..... | 1           |

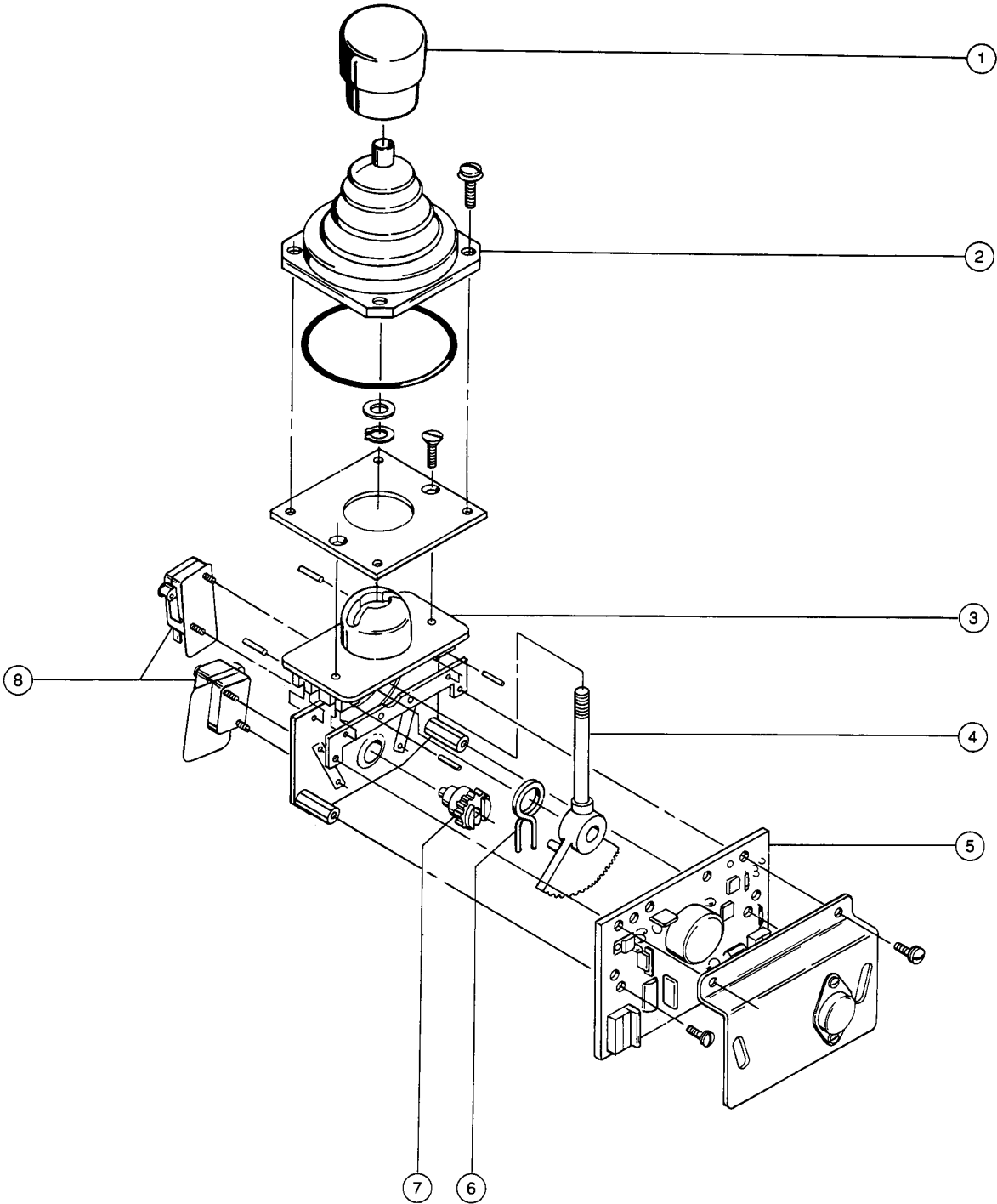
704.1 Joystick Controller - Drive / Steer



## 704.1 Joystick Controller - Drive / Steer

| 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)<br>order qty (2) required                     | 2    |
| 3-   | 72245GT  | KIT, JOYSTICK HANDLE<br>includes handles, rocker and nut/bolt kit          |      |
| 3-   | 49887GT  | NUT & BOLT KIT (25883)                                                     |      |
| 4    | 22368GT  | BOOT (20424)                                                               | 1    |
| 5    | 25884GT  | COVER CASTING,20424 CONTROLLER                                             | 1    |
| 6    | 25886GT  | SHAFT,W/NC STLY BLOCK,(20424)*                                             | 1    |
| 7    |          | GEAR CASTING,20424 CONTROLLER<br>part no longer available; consult factory | 1    |
| 8    | 22364GT  | POTENTIOMETER (20424)                                                      | 2    |
| 9    | 22367GT  | SPUR GEAR (20424)                                                          | 2    |
| 10   | 22365GT  | SWITCH (20424)                                                             | 2    |
| 11   | 22366GT  | CAM ASSY (20424)                                                           | 1    |
| 12   | 23680GT  | SWITCH,HANDLE,20424                                                        | 2    |
| 13   | 23688GT  | ROCKER ASSY,HANDLE (20424)***                                              | 1    |

705.1 Joystick Controller - Boom Functions



## 705.1 Joystick Controller - Boom Functions

| <i>Item</i> | <i>Part No.</i> | <i>Description</i>                                                                   | <i>Qty.</i> |
|-------------|-----------------|--------------------------------------------------------------------------------------|-------------|
|             | 24495GT         | JOYSTICK,SINGLE AXIS PROPORT .....<br>OEM joystick, contains all shown service parts |             |
|             | 24495HGT        | JOYSTICK,SINGLE AXIS PROPORT .....<br>aftermarket joystick replacement               |             |
| 1           | 27133GT         | HANDLE,CAP,CONTROLLER .....                                                          | 1           |
| 2           | 27134GT         | BOOT,CONTROLLER .....                                                                | 1           |
| 3           | 19720GT         | CASTING,45049, 40612 .....                                                           | 1           |
| 4           | 27135GT         | SHAFT W/GEAR .....                                                                   | 1           |
| 5           | 27524GT         | PCB,ASSY,24495 .....                                                                 | 1           |
| 5           | 19718GT         | POTENTIOMETER,45049 .....                                                            | 1           |
| 6           | 21434GT         | SPRING & BUSHING KIT,RETURN*** .....                                                 | 1           |
| 7           | 19731GT         | GEAR, SLAVE, MS4,45048 .....                                                         | 1           |
| 8           | 19712GT         | MICROSWITCH,V3L-139-D8 .....                                                         | 2           |

| <b>Part no.</b> | <b>Page Number</b>               | <b>Part no.</b> | <b>Page Number</b>   | <b>Part no.</b> | <b>Page Number</b>   |
|-----------------|----------------------------------|-----------------|----------------------|-----------------|----------------------|
| 1268GT          | 11, 15, 17                       | 7268GT          | 129                  | 14033GT         | 45                   |
| 1484GT          | 11, 15, 17                       | 7339GT          | 95                   | 14041GT         | 95, 143              |
| 4266GT          | 125, 137                         | 7713GT          | 129, 133             | 14163GT         | 75                   |
| 4828GT          | 19, 21, 41, 91, 93,<br>101...    | 8177GT          | 63, 73, 79, 139      | 14262GT         | 81                   |
| 5094GT          | 107                              | 8178GT          | 133                  | 14297GT         | 65, 75, 127          |
| 5224GT          | 93                               | 8220GT          | 19, 21, 41, 117, 119 | 14539GT         | 105                  |
| 5397GT          | 13, 81, 119, 121, 123,<br>129    | 8516GT          | 65, 91, 101          | 14815GT         | 131                  |
| 6002GT          | 73                               | 8843GT          | 143                  | 15243GT         | 145                  |
| 6019GT          | 81, 13, 103, 119, 121,<br>123... | 8910GT          | 83                   | 15513GT         | 105                  |
| 6021GT          | 25, 45, 61, 73, 81, 83...        | 8914GT          | 125, 145             | 16397-SGT       | 99                   |
| 6033GT          | 21, 41, 63, 73, 83, 91...        | 8915GT          | 97, 99, 125, 137     | 16439GT         | 21, 41               |
| 6035GT          | 65, 139                          | 9599-SGT        | 137                  | 16584GT         | 73                   |
| 6036GT          | 139                              | 10587GT         | 21, 41, 91           | 18189GT         | 101                  |
| 6066GT          | 105                              | 10597GT         | 63, 73, 83           | 18596GT         | 133                  |
| 6086GT          | 93, 105, 119                     | 10598GT         | 67                   | 18665GT         | 95                   |
| 6090GT          | 25, 29, 45, 49, 75, 99...        | 10775GT         | 143                  | 18687GT         | 33, 37, 53, 109      |
| 6091GT          | 13, 83, 93, 123, 131,<br>145     | 12340GT         | 113, 135             | 18963GT         | 105                  |
| 6095GT          | 67, 79, 83                       | 12443GT         | 137                  | 19018GT         | 103                  |
| 6096GT          | 105                              | 12446-SGT       | 137                  | 19274GT         | 69, 77               |
| 6097GT          | 23, 43, 83, 91, 93,<br>101...    | 12461GT         | 93                   | 19331GT         | 65                   |
| 6145GT          | 125, 139                         | 12960GT         | 95, 143              | 19487GT         | 79                   |
| 6146GT          | 105                              | 13001GT         | 129                  | 19491GT         | 101, 125             |
| 6175GT          | 25, 45, 63, 73, 81, 83...        | 13003GT         | 65, 75               | 19506GT         | 99                   |
| 6178GT          | 107                              | 13014GT         | 65                   | 19685GT         | 35, 39, 55           |
| 6179GT          | 125                              | 13037-SGT       | 99, 145              | 19687GT         | 33, 37, 53, 109      |
| 6198GT          | 19, 21, 41, 81, 19,<br>117...    | 13038-SGT       | 145                  | 19712GT         | 151                  |
| 6326GT          | 131, 133                         | 13064GT         | 25, 29, 45, 49       | 19718GT         | 151                  |
| 6356GT          | 23, 29, 43, 49, 83,<br>131...    | 13066GT         | 63, 73, 91           | 19720GT         | 151                  |
| 6357GT          | 119, 121, 123                    | 13119GT         | 111                  | 19731GT         | 151                  |
| 6595GT          | 101                              | 13120GT         | 33, 37, 53, 113, 135 | 19794GT         | 91                   |
| 6605GT          | 71                               | 13268GT         | 99                   | 19975GT         | 143                  |
| 6606GT          | 131                              | 13471GT         | 99, 145              | 20224GT         | 27, 47, 87, 109, 113 |
| 6607GT          | 19, 23, 43, 105, 131             | 13480-SGT       | 99, 145              | 20262GT         | 137                  |
| 6638GT          | 25, 29, 45, 49, 65, 83...        | 13482GT         | 137                  | 20279GT         | 79                   |
| 6648GT          | 79                               | 13585GT         | 143                  | 20293GT         | 79                   |
| 6708GT          | 19, 21, 41, 117, 129             | 13755GT         | 135                  | 20318GT         | 47                   |
| 6884GT          | 83, 93                           | 13756GT         | 33, 37, 53           | 20325GT         | 55                   |
| 6888GT          | 83, 119, 121, 123, 123,<br>137   | 13775GT         | 65, 75               | 20326GT         | 109                  |
| 6889GT          | 65, 75, 97, 99, 137              | 13840GT         | 137                  | 20332GT         | 33, 37, 55           |
| 6935GT          | 101, 143                         | 13852GT         | 133                  | 20424GT         | 145, 149             |
| 7056GT          | 101, 143                         | 13918GT         | 93                   | 20424HGT        | 145, 149             |
| 7261GT          | 91                               | 13921GT         | 35, 39, 55, 113, 135 | 20709GT         | 33, 37, 55, 111, 135 |

| <u>Part no.</u> | <u>Page Number</u>   | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|----------------------|-----------------|--------------------|-----------------|--------------------|
| 20710GT         | 35, 39, 55, 111      | 23688GT         | 149                | 25716GT         | 17                 |
| 20712GT         | 111                  | 23877GT         | 45                 | 25726GT         | 71                 |
| 20716GT         | 33, 37, 53           | 24038GT         | 65                 | 25749GT         | 73                 |
| 20776GT         | 95                   | 24039GT         | 129                | 25765GT         | 45, 49             |
| 20793GT         | 33, 37, 53, 109      | 24060GT         | 113                | 25768GT         | 45, 49             |
| 20813GT         | 97                   | 24118GT         | 97                 | 25769GT         | 21, 41             |
| 20816GT         | 111                  | 24119GT         | 95                 | 25770PGT        | 29, 49             |
| 20880GT         | 61, 71               | 24147GT         | 131                | 25780GT         | 65, 75             |
| 20925GT         | 33, 37, 53, 111, 135 | 24343GT         | 97                 | 25797GT         | 65, 75             |
| 21019GT         | 63, 71               | 24495GT         | 145, 151           | 25807GT         | 97                 |
| 21121GT         | 137                  | 24495HGT        | 145, 151           | 25808GT         | 97                 |
| 21130GT         | 63, 75               | 24514GT         | 137                | 25809GT         | 65                 |
| 21141GT         | 81                   | 24667GT         | 49                 | 25834GT         | 69, 77, 143        |
| 21166GT         | 25, 29, 45, 49       | 25212GT         | 133                | 25836GT         | 95                 |
| 21246GT         | 33, 37, 53, 109      | 25215GT         | 129                | 25838GT         | 69, 77, 143        |
| 21250GT         | 109, 135             | 25217GT         | 117                | 25839GT         | 143                |
| 21252GT         | 109                  | 25222GT         | 83, 85             | 25881GT         | 149                |
| 21434GT         | 151                  | 25223GT         | 93                 | 25882GT         | 149                |
| 21465GT         | 79                   | 25225GT         | 91                 | 25883GT         | 149                |
| 21483GT         | 35, 39, 55           | 25299GT         | 103                | 25884GT         | 149                |
| 21686GT         | 91                   | 25375GT         | 27, 47, 85, 87     | 25886GT         | 149                |
| 21935GT         | 85, 87               | 25404GT         | 21, 41             | 25926GT         | 75                 |
| 22278GT         | 63                   | 25416GT         | 21, 41             | 25951GT         | 109                |
| 22364GT         | 149                  | 25418GT         | 19, 23, 43         | 25956GT         | 75                 |
| 22365GT         | 149                  | 25419GT         | 19, 21, 41, 117    | 25967GT         | 63, 79             |
| 22366GT         | 149                  | 25436GT         | 19, 21, 41         | 25974GT         | 95                 |
| 22367GT         | 149                  | 25439GT         | 119                | 25994GT         | 11                 |
| 22368GT         | 149                  | 25440GT         | 119                | 27006GT         | 25, 45             |
| 22372GT         | 91                   | 25452GT         | 133                | 27010GT         | 63                 |
| 22431GT         | 139                  | 25505GT         | 47                 | 27033PGT        | 145                |
| 22432GT         | 139                  | 25511GT         | 131                | 27034GT         | 65                 |
| 22433GT         | 139                  | 25518GT         | 129                | 27040GT         | 79                 |
| 22434GT         | 139                  | 25521PGT        | 129                | 27047GT         | 85                 |
| 22665GT         | 53, 109              | 25522GT         | 129                | 27050GT         | 83                 |
| 22700GT         | 65                   | 25563GT         | 97                 | 27071GT         | 81                 |
| 22776GT         | 99, 145              | 25567GT         | 79                 | 27114GT         | 105                |
| 22777GT         | 99, 145              | 25571P-SGT      | 61                 | 27115GT         | 143                |
| 22811GT         | 29, 49, 63, 73, 91   | 25628GT         | 35, 39, 55         | 27116GT         | 147                |
| 22815GT         | 113                  | 25683GT         | 117, 131, 133      | 27117GT         | 145                |
| 23066GT         | 91                   | 25690GT         | 11                 | 27133GT         | 151                |
| 23506GT         | 99                   | 25696GT         | 125                | 27134GT         | 151                |
| 23680GT         | 149                  | 25697GT         | 127                | 27135GT         | 151                |

| <b>Part no.</b> | <b>Page Number</b> | <b>Part no.</b> | <b>Page Number</b> | <b>Part no.</b> | <b>Page Number</b> |
|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| 27142GT         | 61                 | 27694GT         | 19, 21, 41, 117    | 28112PGT        | 95                 |
| 27152GT         | 61                 | 27695GT         | 21, 41             | 28117GT         | 25, 45             |
| 27155GT         | 69, 77             | 27697GT         | 121, 129           | 28118GT         | 91                 |
| 27164GT         | 113                | 27698GT         | 19, 21, 41, 119    | 28125GT         | 101                |
| 27166GT         | 79                 | 27721GT         | 21, 41             | 28127GT         | 113                |
| 27202GT         | 109                | 27728GT         | 93                 | 28157GT         | 13                 |
| 27204GT         | 17                 | 27729GT         | 117                | 28158GT         | 13                 |
| 27205GT         | 17                 | 27742GT         | 93                 | 28159GT         | 13                 |
| 27206GT         | 17                 | 27744GT         | 119                | 28160GT         | 15                 |
| 27207GT         | 17                 | 27754GT         | 129                | 28161GT         | 11, 17             |
| 27221GT         | 129                | 27758GT         | 27                 | 28162GT         | 11                 |
| 27225GT         | 129                | 27759GT         | 27, 47             | 28164GT         | 11                 |
| 27226GT         | 121, 123           | 27760GT         | 27, 47             | 28165GT         | 17                 |
| 27228GT         | 119, 121, 123      | 27761GT         | 27, 47             | 28166GT         | 11, 17             |
| 27240GT         | 133                | 27763GT         | 27, 47             | 28167GT         | 11, 17             |
| 27246GT         | 99, 145            | 27764GT         | 47                 | 28168GT         | 11                 |
| 27287GT         | 99                 | 27766GT         | 27                 | 28169GT         | 11, 17             |
| 27300GT         | 79                 | 27801GT         | 85                 | 28170GT         | 15                 |
| 27305GT         | 121, 123           | 27802GT         | 85, 87             | 28171GT         | 13, 15             |
| 27308GT         | 119, 121, 123      | 27811GT         | 85, 87             | 28172GT         | 13                 |
| 27309GT         | 131                | 27813GT         | 85, 87             | 28173GT         | 15                 |
| 27310GT         | 117                | 27814GT         | 27, 47             | 28174GT         | 11, 15             |
| 27326GT         | 133                | 27837GT         | 87                 | 28175GT         | 11                 |
| 27329PGT        | 73                 | 27908GT         | 69                 | 28176GT         | 17                 |
| 27330GT         | 75                 | 27914GT         | 83                 | 28177GT         | 17                 |
| 27331PGT        | 75                 | 27915GT         | 57                 | 28178GT         | 17                 |
| 27377GT         | 105                | 27916GT         | 57                 | 28179GT         | 15, 17             |
| 27378-SGT       | 145                | 27917GT         | 63                 | 28181GT         | 17                 |
| 27385GT         | 19, 23, 43         | 27919GT         | 69                 | 28234P-SGT      | 65                 |
| 27386PGT        | 57                 | 27920GT         | 69                 | 28235GT         | 11, 15             |
| 27431GT         | 111                | 27922GT         | 57                 | 28236GT         | 17                 |
| 27462GT         | 121                | 27933GT         | 109                | 28237GT         | 11                 |
| 27464GT         | 45, 49             | 27942GT         | 65                 | 28238GT         | 11                 |
| 27524GT         | 151                | 27943GT         | 65                 | 28239GT         | 11                 |
| 27528GT         | 137                | 27953GT         | 19, 23, 43         | 28240GT         | 11                 |
| 27558GT         | 19                 | 27963GT         | 81, 111            | 28241GT         | 17                 |
| 27559GT         | 23, 43             | 27964GT         | 111, 135           | 28242GT         | 11, 15             |
| 27564GT         | 11, 15             | 28062GT         | 111, 135           | 28295GT         | 125                |
| 27569GT         | 11, 17             | 28063PGT        | 117                | 28296GT         | 121                |
| 27573GT         | 11, 15, 17         | 28076GT         | 65, 75             | 28300GT         | 83, 87             |
| 27653PGT        | 93                 | 28106GT         | 119                | 28301GT         | 105                |
| 27656PGT        | 21, 41             | 28110GT         | 79                 | 28308GT         | 69, 77, 143        |



| <b>Part no.</b> | <b>Page Number</b> | <b>Part no.</b> | <b>Page Number</b> | <b>Part no.</b> | <b>Page Number</b> |
|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| 28309GT         | 69, 77             | 28560GT         | 35, 39, 55         | 28628GT         | 45                 |
| 28310GT         | 97                 | 28561GT         | 35, 39, 55         | 28629GT         | 45                 |
| 28362PGT        | 65                 | 28562GT         | 33, 37, 55         | 28630GT         | 53                 |
| 28444GT         | 35, 39, 55         | 28563GT         | 33, 37, 53         | 28631GT         | 83                 |
| 28445GT         | 35, 39, 55         | 28564GT         | 33, 37, 53         | 28633GT         | 101                |
| 28446GT         | 35, 39, 55         | 28565GT         | 33, 37, 53         | 28647GT         | 57, 61             |
| 28447GT         | 35, 39, 55, 111    | 28566GT         | 33, 37, 53         | 28648GT         | 57, 61             |
| 28448GT         | 35, 39, 55         | 28567GT         | 33, 39, 55         | 28649GT         | 57                 |
| 28456GT         | 55                 | 28568GT         | 33, 37, 55         | 28650GT         | 57                 |
| 28457GT         | 111                | 28569GT         | 113                | 28651GT         | 57                 |
| 28459GT         | 111                | 28570GT         | 113                | 28652GT         | 57                 |
| 28461GT         | 111                | 28571GT         | 113                | 28653GT         | 59                 |
| 28471GT         | 105                | 28572GT         | 113                | 28654GT         | 59                 |
| 28493GT         | 61, 73             | 28573GT         | 135                | 28656GT         | 57                 |
| 28498GT         | 109                | 28574GT         | 135                | 28658GT         | 57                 |
| 28499GT         | 111                | 28575GT         | 135                | 28659GT         | 57                 |
| 28501GT         | 111                | 28576GT         | 135                | 28662GT         | 57                 |
| 28502GT         | 111                | 28577GT         | 111                | 28666GT         | 57                 |
| 28504GT         | 111                | 28578GT         | 109                | 28689GT         | 95                 |
| 28517GT         | 101                | 28579GT         | 135                | 28714GT         | 57                 |
| 28538GT         | 109                | 28580GT         | 135                | 28716GT         | 57                 |
| 28539GT         | 111                | 28581GT         | 109                | 28717GT         | 61, 65             |
| 28540GT         | 109                | 28582GT         | 115                | 28718GT         | 63                 |
| 28541GT         | 109                | 28583GT         | 115                | 28767GT         | 101                |
| 28542GT         | 111                | 28584GT         | 113                | 28768GT         | 107                |
| 28543GT         | 111                | 28585GT         | 113, 135           | 28769GT         | 57, 65             |
| 28544GT         | 109                | 28586GT         | 135                | 28770GT         | 57, 65             |
| 28545GT         | 111                | 28588GT         | 135                | 28799GT         | 113                |
| 28546GT         | 109                | 28589GT         | 135                | 28800GT         | 113                |
| 28547GT         | 109                | 28590GT         | 53                 | 28804GT         | 115                |
| 28548GT         | 111                | 28591GT         | 53                 | 28805GT         | 115                |
| 28549GT         | 111                | 28592GT         | 53                 | 28807GT         | 137                |
| 28550GT         | 37, 53             | 28593GT         | 53                 | 28819GT         | 61                 |
| 28551GT         | 37, 53             | 28594GT         | 113                | 28822GT         | 61                 |
| 28552GT         | 37, 53             | 28597GT         | 53                 | 28826GT         | 119                |
| 28553GT         | 33, 39, 55         | 28598GT         | 33, 37, 53, 109    | 28827GT         | 121                |
| 28554GT         | 33, 37, 55         | 28599GT         | 111                | 28828GT         | 81                 |
| 28555GT         | 33, 39, 55         | 28600GT         | 111                | 28829GT         | 79                 |
| 28556GT         | 33, 37, 55         | 28609GT         | 95                 | 28832GT         | 105                |
| 28557GT         | 35, 39, 55         | 28620GT         | 21, 41             | 28833GT         | 45                 |
| 28558GT         | 33, 37, 55         | 28621PGT        | 63                 | 28834GT         | 63, 73             |
| 28559GT         | 35, 39, 55         | 28624PGT        | 61, 71             | 28836GT         | 61, 71             |

| <u>Part no.</u> | <u>Page Number</u>   | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|----------------------|-----------------|--------------------|-----------------|--------------------|
| 28863GT         | 11, 15, 17           | 29270GT         | 95                 | 29432GT         | 105                |
| 28864GT         | 17                   | 29280GT         | 29                 | 29433GT         | 143, 147           |
| 28865GT         | 13                   | 29284GT         | 95, 99             | 29439GT         | 57                 |
| 28868GT         | 11                   | 29285GT         | 101                | 29441GT         | 109                |
| 28869GT         | 13                   | 29286GT         | 91                 | 29468GT         | 117                |
| 28870GT         | 13                   | 29287GT         | 91                 | 29469GT         | 117                |
| 28871GT         | 11                   | 29288GT         | 29, 49             | 29470GT         | 119                |
| 28873GT         | 15                   | 29290GT         | 91                 | 29471GT         | 121                |
| 28874GT         | 15                   | 29291GT         | 29, 49, 91         | 29472GT         | 123, 133           |
| 28875GT         | 15                   | 29292GT         | 29, 49, 91         | 29473GT         | 129                |
| 28883PGT        | 129                  | 29293GT         | 29, 49, 91         | 29474GT         | 119, 129           |
| 29066GT         | 27, 47               | 29294GT         | 47                 | 29475GT         | 119, 121           |
| 29068GT         | 87                   | 29295GT         | 63, 73             | 29476GT         | 125                |
| 29069GT         | 87                   | 29296GT         | 67                 | 29477GT         | 125                |
| 29073GT         | 75                   | 29297GT         | 67                 | 29478GT         | 125                |
| 29080GT         | 119, 121             | 29299GT         | 65                 | 29479GT         | 121, 129           |
| 29083GT         | 133                  | 29302GT         | 69, 77             | 29480GT         | 127                |
| 29085GT         | 79                   | 29303GT         | 69, 77, 83         | 29481GT         | 127                |
| 29111GT         | 79                   | 29304GT         | 69, 77, 103        | 29482GT         | 133                |
| 29134GT         | 79                   | 29305GT         | 69, 77             | 29483GT         | 133                |
| 29144PGT        | 71                   | 29309GT         | 79                 | 29484GT         | 133                |
| 29145PGT        | 131                  | 29310GT         | 79                 | 29485GT         | 129                |
| 29152GT         | 79                   | 29311GT         | 69, 77             | 29486GT         | 77                 |
| 29183GT         | 19, 21, 41, 117, 133 | 29314GT         | 101, 105           | 29508GT         | 23, 43             |
| 29184GT         | 117                  | 29315GT         | 101                | 29548GT         | 75                 |
| 29185GT         | 129                  | 29316GT         | 101                | 29549GT         | 75                 |
| 29186GT         | 21, 41               | 29317GT         | 103                | 29550GT         | 75                 |
| 29187GT         | 95                   | 29318GT         | 83                 | 29551GT         | 75                 |
| 29191GT         | 75                   | 29319GT         | 83                 | 29552GT         | 75                 |
| 29208GT         | 85                   | 29320GT         | 83                 | 29553GT         | 75                 |
| 29210GT         | 19, 23, 43           | 29417GT         | 83                 | 29555GT         | 75                 |
| 29211GT         | 19, 23, 43           | 29418GT         | 83                 | 29556GT         | 71                 |
| 29213GT         | 19, 21, 41           | 29419GT         | 91                 | 29557GT         | 71                 |
| 29214GT         | 19, 21, 43           | 29420GT         | 93                 | 29558GT         | 71                 |
| 29215GT         | 25, 45               | 29421GT         | 91                 | 29559GT         | 71                 |
| 29216GT         | 29, 49               | 29422PGT        | 91                 | 29560GT         | 71                 |
| 29217GT         | 25, 45               | 29424GT         | 105                | 29561GT         | 71                 |
| 29230PGT        | 29, 49               | 29425GT         | 105                | 29562GT         | 71                 |
| 29231GT         | 29, 49               | 29428GT         | 83                 | 29563GT         | 71                 |
| 29232GT         | 91                   | 29429GT         | 83                 | 29564GT         | 71                 |
| 29262GT         | 95                   | 29430GT         | 139, 143           | 29570GT         | 23, 43             |
| 29269GT         | 57, 71, 95           | 29431GT         | 139                | 29571GT         | 19                 |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u>   | <u>Part no.</u> | <u>Page Number</u>       |
|-----------------|--------------------|-----------------|----------------------|-----------------|--------------------------|
| 29581GT         | 141                | 35934GT         | 95, 143              | 45495GT         | 29, 49                   |
| 29606GT         | 61                 | 35956GT         | 139                  | 45702GT         | 111, 135                 |
| 29607GT         | 95                 | 35960GT         | 139                  | 45703GT         | 113, 135                 |
| 29616GT         | 61                 | 36370GT         | 19, 21, 41           | 45705GT         | 33, 37, 53               |
| 29733GT         | 93                 | 36872GT         | 101                  | 45708GT         | 103                      |
| 29734GT         | 93, 95             | 37002GT         | 61                   | 45709GT         | 101                      |
| 29735GT         | 93                 | 38107GT         | 127                  | 45710GT         | 103                      |
| 29737GT         | 85                 | 39591GT         | 143                  | 45836GT         | 99                       |
| 29739GT         | 29, 63, 73         | 40033GT         | 45, 47               | 45878GT         | 109                      |
| 29740GT         | 63, 73             | 43392GT         | 141                  | 45912GT         | 27, 47, 83               |
| 29743GT         | 83                 | 43956GT         | 101, 143             | 45913GT         | 19, 23, 43, 85, 87       |
| 29744GT         | 83                 | 44586GT         | 69, 77               | 45914GT         | 19, 23, 43, 85, 87       |
| 29746GT         | 19, 21, 41         | 44743GT         | 137                  | 45916GT         | 19, 23, 43               |
| 29747GT         | 61                 | 45076GT         | 29, 49               | 45921GT         | 85, 87                   |
| 29748GT         | 71                 | 45139GT         | 139                  | 46367GT         | 113                      |
| 29749GT         | 71                 | 45161GT         | 79, 109              | 48880GT         | 27, 47, 87, 113          |
| 30394GT         | 125                | 45165GT         | 113                  | 48997GT         | 27, 47, 87, 113          |
| 30785-1500GT    | 63                 | 45166GT         | 109                  | 49887GT         | 149                      |
| 30806GT         | 71                 | 45170GT         | 33, 37, 53, 109      | 49897GT         | 49                       |
| 31122GT         | 25                 | 45171GT         | 57, 65               | 52661GT         | 137                      |
| 31146GT         | 137                | 45200GT         | 139                  | 52968GT         | 15                       |
| 31411GT         | 125                | 45201GT         | 139                  | 53157-SGT       | 137                      |
| 31412GT         | 127                | 45202GT         | 139                  | 53462GT         | 19, 21, 41               |
| 31413GT         | 125                | 45313GT         | 139                  | 53534GT         | 79                       |
| 31419GT         | 125                | 45349GT         | 113, 135             | 53605GT         | 79                       |
| 31421GT         | 125                | 45350GT         | 55                   | 53952GT         | 57                       |
| 31422GT         | 125                | 45351GT         | 113                  | 54486GT         | 141                      |
| 31423GT         | 127                | 45356GT         | 113                  | 54525GT         | 99, 145                  |
| 31425GT         | 125                | 45357GT         | 113, 135             | 54627GT         | 25, 29, 45, 49, 113, 129 |
| 31431GT         | 125                | 45361GT         | 109                  | 55753GT         | 137                      |
| 32150GT         | 11, 15, 17         | 45366GT         | 37, 53, 115          | 56264GT         | 101                      |
| 32151GT         | 11, 15, 17         | 45367GT         | 33, 37, 53, 135      | 56704GT         | 105                      |
| 32295GT         | 125                | 45383GT         | 143                  | 56912GT         | 25, 29, 45, 49           |
| 32698GT         | 75                 | 45384GT         | 145                  | 60857GT         | 61, 71                   |
| 32952GT         | 91                 | 45411GT         | 113                  | 60922GT         | 137                      |
| 33003PGT        | 61                 | 45412GT         | 33, 37, 53, 113, 135 | 65815GT         | 57                       |
| 33445GT         | 91                 | 45414GT         | 85, 87               | 65865GT         | 49                       |
| 33550GT         | 13, 15, 17         | 45415GT         | 135                  | 65870-SGT       | 125                      |
| 33627GT         | 41                 | 45425GT         | 119, 129             | 65871-SGT       | 125                      |
| 33817GT         | 61                 | 45437GT         | 143                  | 66811GT         | 99                       |
| 34321-SGT       | 137                | 45483GT         | 27, 47, 85, 87       | 66813GT         | 145                      |
| 34448GT         | 25, 27             | 45489GT         | 87                   | 66815GT         | 145                      |

| <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> | <u>Part no.</u> | <u>Page Number</u> |
|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| 66816GT         | 99, 145            | 122512GT        | 99                 |                 |                    |
| 66818GT         | 99, 145            | 122513GT        | 145                |                 |                    |
| 66821GT         | 99, 145            | 122514GT        | 99, 145            |                 |                    |
| 69680GT         | 119, 129           | 139898GT        | 79                 |                 |                    |
| 70453GT         | 71                 | 144161GT        | 101                |                 |                    |
| 72043GT         | 27, 47             | 146160GT        | 19, 23, 43         |                 |                    |
| 72245GT         | 149                | 147094GT        | 99                 |                 |                    |
| 72282GT         | 105                | 147421GT        | 97, 99             |                 |                    |
| 72326GT         | 105, 143           | 223763GT        | 19, 23, 43         |                 |                    |
| 73185GT         | 25, 29             | 226099GT        | 29, 49             |                 |                    |
| 73257GT         | 25, 29             | 226100GT        | 29, 49             |                 |                    |
| 73258GT         | 25, 29             | 226101GT        | 45                 |                 |                    |
| 73259GT         | 25, 29, 45, 49     | 226393GT        | 105                |                 |                    |
| 73260GT         | 25, 29             | 230392GT        | 105                |                 |                    |
| 73261GT         | 25, 29             | 1254826GT       | 71                 |                 |                    |
| 74902GT         | 27, 47             | 1259054GT       | 57                 |                 |                    |
| 77500GT         | 87                 | 1259056GT       | 57, 61             |                 |                    |
| 83081GT         | 49                 | 1259704GT       | 137                |                 |                    |
| 84134GT         | 27, 47             | 1267807GT       | 63, 71             |                 |                    |
| 88356-127J5GT   | 101                | 1268229GT       | 63, 71             |                 |                    |
| 89310GT         | 85                 | 1279268GT       | 65                 |                 |                    |
| 89617GT         | 83                 | 1280665GT       | 101                |                 |                    |
| 89915PGT        | 141                | 1294954GT       | 119, 129           |                 |                    |
| 94745PGT        | 137                |                 |                    |                 |                    |
| 96948GT         | 125                |                 |                    |                 |                    |
| 97128GT         | 125                |                 |                    |                 |                    |
| 97887GT         | 11, 17             |                 |                    |                 |                    |
| 102992GT        | 137                |                 |                    |                 |                    |
| 106433GT        | 101                |                 |                    |                 |                    |
| 107858GT        | 139                |                 |                    |                 |                    |
| 110194GT        | 27, 47, 87         |                 |                    |                 |                    |
| 110197GT        | 85, 87             |                 |                    |                 |                    |
| 110198GT        | 87, 89             |                 |                    |                 |                    |
| 110202GT        | 85                 |                 |                    |                 |                    |
| 111526GT        | 141                |                 |                    |                 |                    |
| 119562PGT       | 141                |                 |                    |                 |                    |
| 119642GT        | 141                |                 |                    |                 |                    |
| 119795GT        | 141                |                 |                    |                 |                    |
| 119796GT        | 139                |                 |                    |                 |                    |
| 119797GT        | 137                |                 |                    |                 |                    |
| 122019GT        | 105                |                 |                    |                 |                    |
| 122366GT        | 99                 |                 |                    |                 |                    |



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).

[www.genielift.com](http://www.genielift.com)

Distributed By: