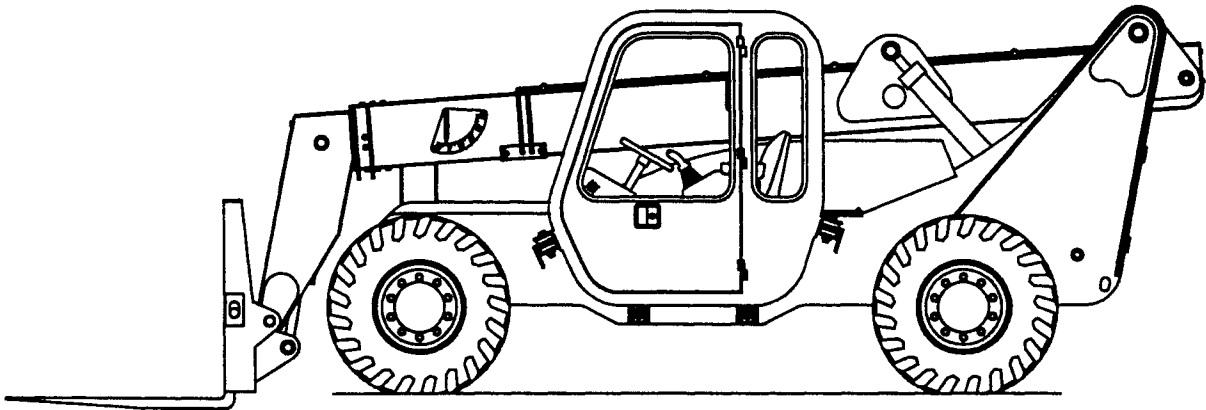


# PARTS BOOK TH528



DATE: 9-3-99

CUMMINS B3.9-C-80 ENGINE  
CLARK T12000 SERIES TRANSMISSION  
CARRARO 26.25M AXLES  
7-316 HYDRAULIC CYLINDERS

Serial Number: \_\_\_\_\_

TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0248

PH: (906) 353-6675; FAX: (906) 353-7543

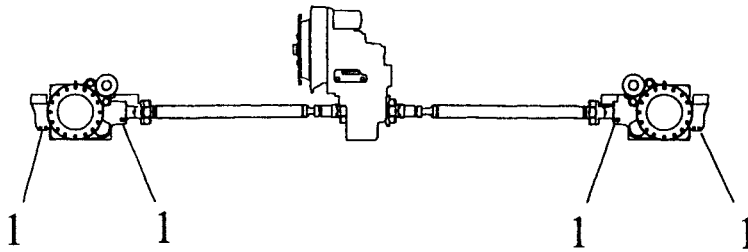
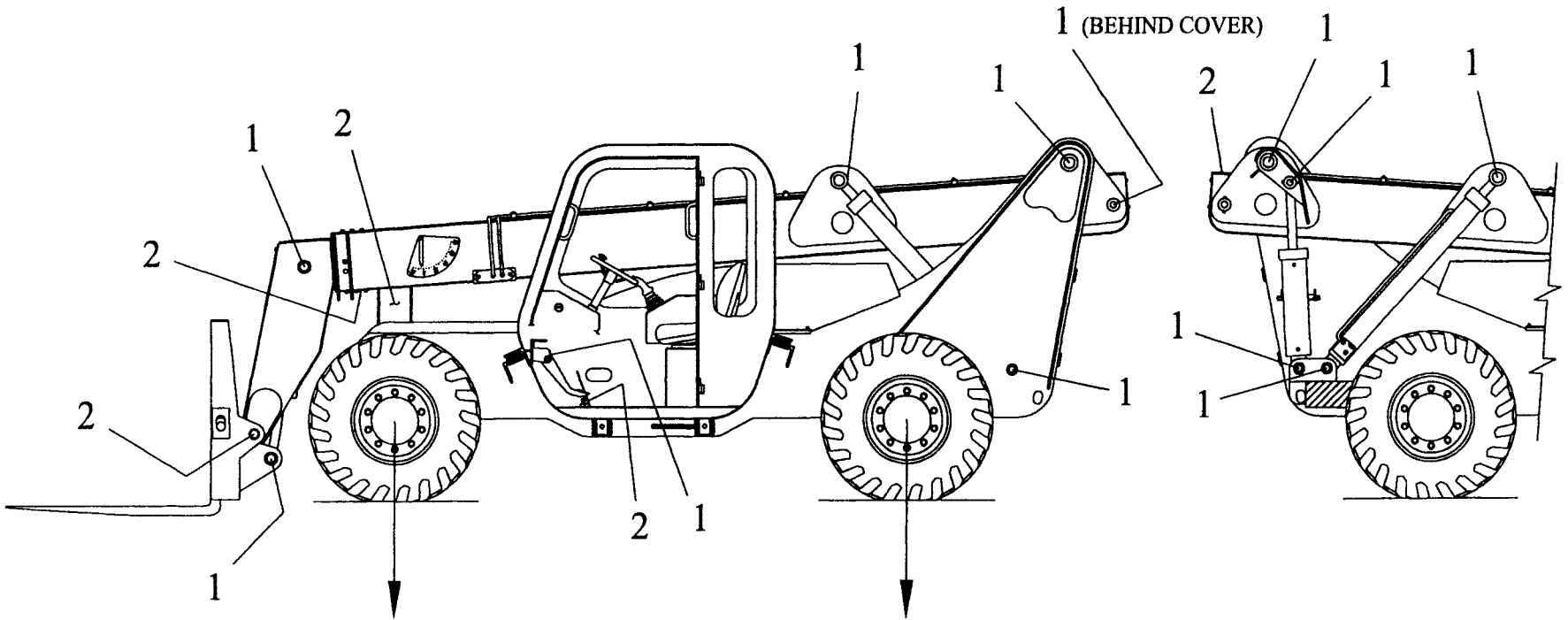
INTERNET: <http://www.sqshooter.com>



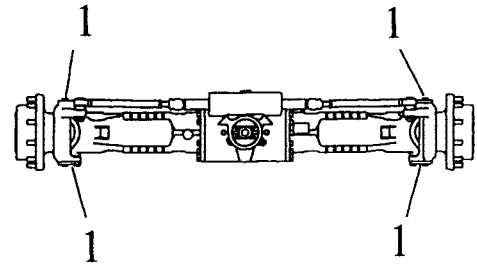
# INDEX / STANDARD EQUIPMENT

## TH528

| PAGE | DESCRIPTION                                  | DRAWING |
|------|----------------------------------------------|---------|
| 1    | LUBE CHART / TH528 .....                     | P4-1890 |
| 2    | SEAL KITS / TH528 .....                      | P1-1220 |
| 3    | FILTER GUIDE .....                           | P1-1264 |
| 4    | DECALS .....                                 | P1-1205 |
| 5    | GENERAL ASSEMBLY .....                       | P4-1835 |
| 6    | OPERATOR'S COMPARTMENT ASSEMBLY .....        | P4-1836 |
| 7    | POWER TRAIN ASSY / CUMMINS B3.9-C-80 .....   | P4-1837 |
| 8    | ENGINE & PUMP ASSY / B3.9-C-80 .....         | P4-1838 |
| 9    | BOOM ASSEMBLY .....                          | P4-1839 |
| 10   | FOOT BRAKE ASSEMBLY .....                    | P4-1840 |
| 11   | ACCELERATOR ASSY / CUMMINS B3.9-C-80 .....   | P4-1841 |
| 12   | ACCELERATOR ASSEMBLY / PEDAL END .....       | P4-1842 |
| 13   | ENGINE ENCLOSURE ASSEMBLY .....              | P4-1843 |
| 14   | EXHAUST ASSEMBLY / CUMMINS B3.9-C-80 .....   | P4-1844 |
| 15   | AIR CLEANER ASSEMBLY .....                   | P4-1845 |
| 16   | TIRE & WHEEL ASSEMBLY .....                  | P3-1403 |
| 17   | ELECTRIC SCHEMATIC .....                     | P4-2021 |
| 18   | WIRING DIAGRAM .....                         | P4-1846 |
| 19   | INSTRUMENT PANEL ASSEMBLY .....              | P4-1847 |
| 20   | HYDRAULIC SCHEMATIC .....                    | P4-1848 |
| 21   | CIRCUIT / PUMP / OIL RESERVOIR .....         | P4-1849 |
| 22   | CIRCUIT / LIFT .....                         | P4-1850 |
| 23   | CIRCUIT / BOOM .....                         | P4-1851 |
| 24   | CIRCUIT / 4-WAY CONTROLLER .....             | P4-1852 |
| 25   | CIRCUIT / PARKING BRAKE .....                | P4-1864 |
| 26   | CIRCUIT / STEERING .....                     | P4-1853 |
| 27   | CIRCUIT / SWAY .....                         | P4-1854 |
| 28   | CIRCUIT / BRAKE .....                        | P4-1856 |
| 29   | CIRCUIT / TILT-SLAVE .....                   | P4-1865 |
| 30   | CIRCUIT / OIL COOLER .....                   | P4-1857 |
| 31   | CIRCUIT / FUEL / CUMMINS B3.9-C-80 .....     | P4-1858 |
| 32   | STARTER RELAY / SENDER ASSY / B3.9-C .....   | P4-1860 |
| 33   | BATTERY BOX ASSEMBLY .....                   | P4-1855 |
| 34   | LIFT CYLINDER .....                          | P4-2026 |
| 35   | TILT CYLINDER .....                          | P4-2023 |
| 36   | BOOM CYLINDER .....                          | P4-2022 |
| 37   | SWAY CYLINDER .....                          | P4-2025 |
| 38   | SLAVE CYLINDER .....                         | P4-2024 |
| 39   | DRIVESHAFT ASSEMBLY / 5C / FRT. & REAR ..... | P1-1262 |
| 40   | ELECTRIC 4-WAY VALVE / 7-244-31 .....        | P3-1178 |
| 41   | ORBITRAL ASSEMBLY .....                      | P1-1263 |
| 42   | SELECTOR VALVE / STEERING .....              | P4-2009 |
| 43   | RETURN FILTER ASSEMBLY / 7-256-23 .....      | P1-1060 |
| 44   | BRAKE VALVE ASSEMBLY .....                   | P1-1069 |
| 45   | HYDRAULIC GEAR PUMP ASSEMBLY .....           | P4-2027 |
| 46   | HYDRAULIC PISTON PUMP ASSEMBLY .....         | P4-2028 |
| 47   | MAIN VALVE ASSEMBLY / 7-370-02 .....         | P3-1418 |
| 48   | 4-WAY CONTROLLER ASSEMBLY / 7-358-03 .....   | P1-1280 |



EXPLODED VIEW OF  
POWER TRAIN ASSEMBLY



EXPLODED VIEW OF  
FRONT AND REAR  
AXLE ASSEMBLIES

## MANUFACTURER

| PART NUMBER           | NUMBER         | DESCRIPTION                                | SEAL KIT |
|-----------------------|----------------|--------------------------------------------|----------|
| PPDB-LNN .....        | 7-234-13 ..... | CARTRIDGE / REDUCING RELIEVING .....       | 7-234-29 |
| PBFB-FAN .....        | 7-234-15 ..... | CARTRIDGE / REDUCING .....                 | 7-234-30 |
| CXDA-XCN .....        | 7-234-80 ..... | CARTRIDGE / CHECK .....                    | 7-234-31 |
| CKCD-XCN .....        | 7-234-18 ..... | CARTRIDGE / PILOT CHECK .....              | 7-234-29 |
| CAEA-LHN .....        | 7-234-53 ..... | CARTRIDGE / COUNTERBALANCE .....           | 7-234-30 |
| CKED-XCN .....        | 7-234-55 ..... | CARTRIDGE / PILOT CHECK .....              | 7-234-30 |
| 12C25S .....          | 7-244-08 ..... | CARTRIDGE / DROP BLOCK .....               | 7-244-46 |
| 12C51SM .....         | 7-244-42 ..... | CARTRIDGE / ELECTRIC / CONTROLLER .....    | 7-244-41 |
| RV10-22A-O-N-25 ..... | 7-356-11 ..... | CARTRIDGE / RELIEF VALVE / GEAR PUMP ..... | 7-356-12 |
| MR10-31-O-N-OO .....  | 7-356-13 ..... | CARTRIDGE / PARKING BRAKE VALVE .....      | 7-356-14 |

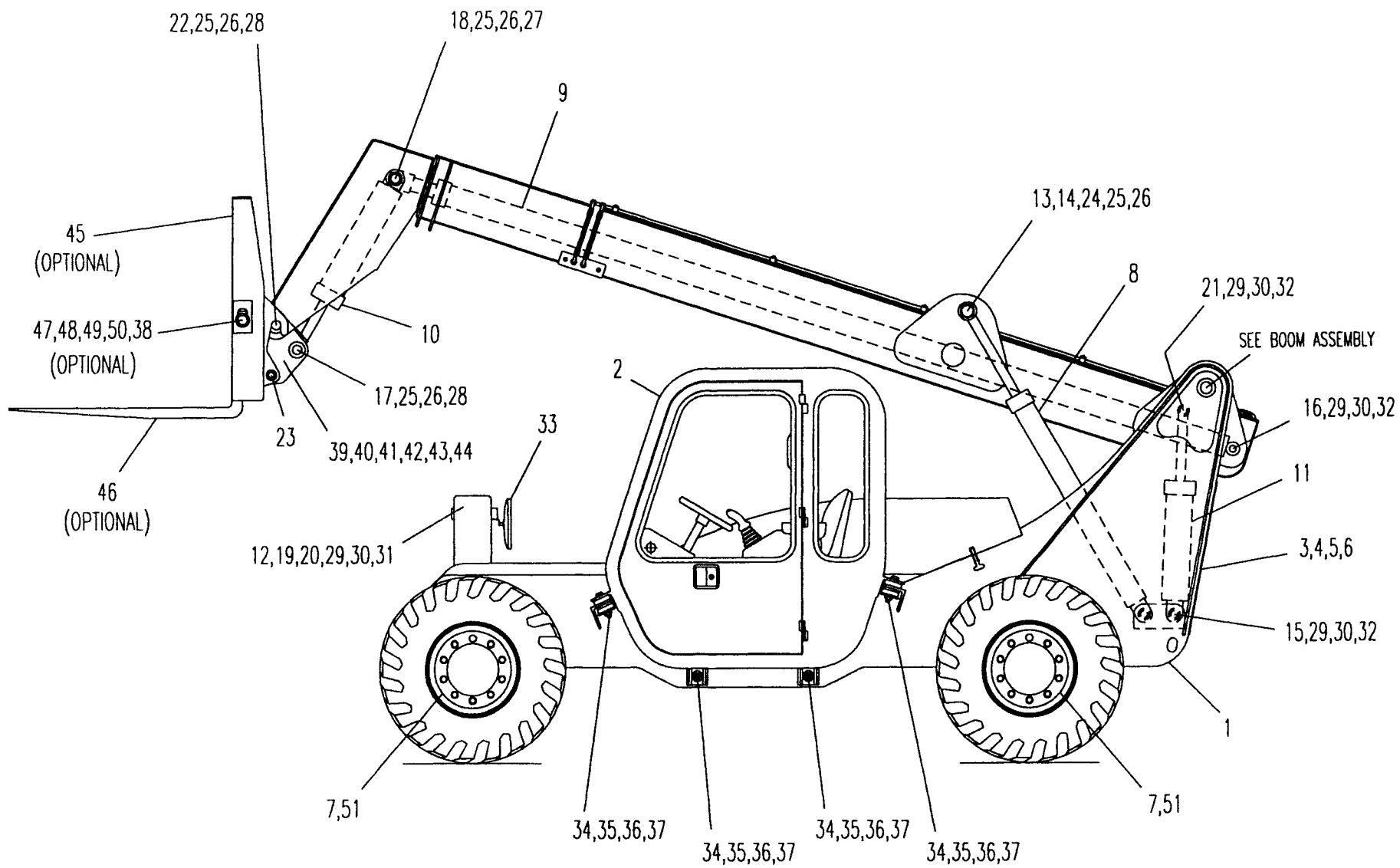
|                 |                                    |          |
|-----------------|------------------------------------|----------|
| 7-316-194 ..... | CYLINDER / SWAY .....              | 7-900-76 |
| 7-316-195 ..... | CYLINDER / LIFT .....              | 7-900-72 |
| 7-316-192 ..... | CYLINDER / TILT .....              | 7-900-74 |
| 7-316-191 ..... | CYLINDER / BOOM .....              | 7-900-73 |
| 7-316-193 ..... | CYLINDER / SLAVE .....             | 7-900-75 |
| 7-379-01 .....  | CYLINDER / FORK FRAME ROTATE ..... | 7-900-86 |
| 7-368-11 .....  | CYLINDER / STEERING .....          | 7-368-12 |
| 7-198-39 .....  | BRAKE ACTUATOR .....               | 7-198-40 |
| 7-256-30 .....  | ORBITRAL / STEERING .....          | 7-256-35 |

## SS-644C FILTER GUIDE

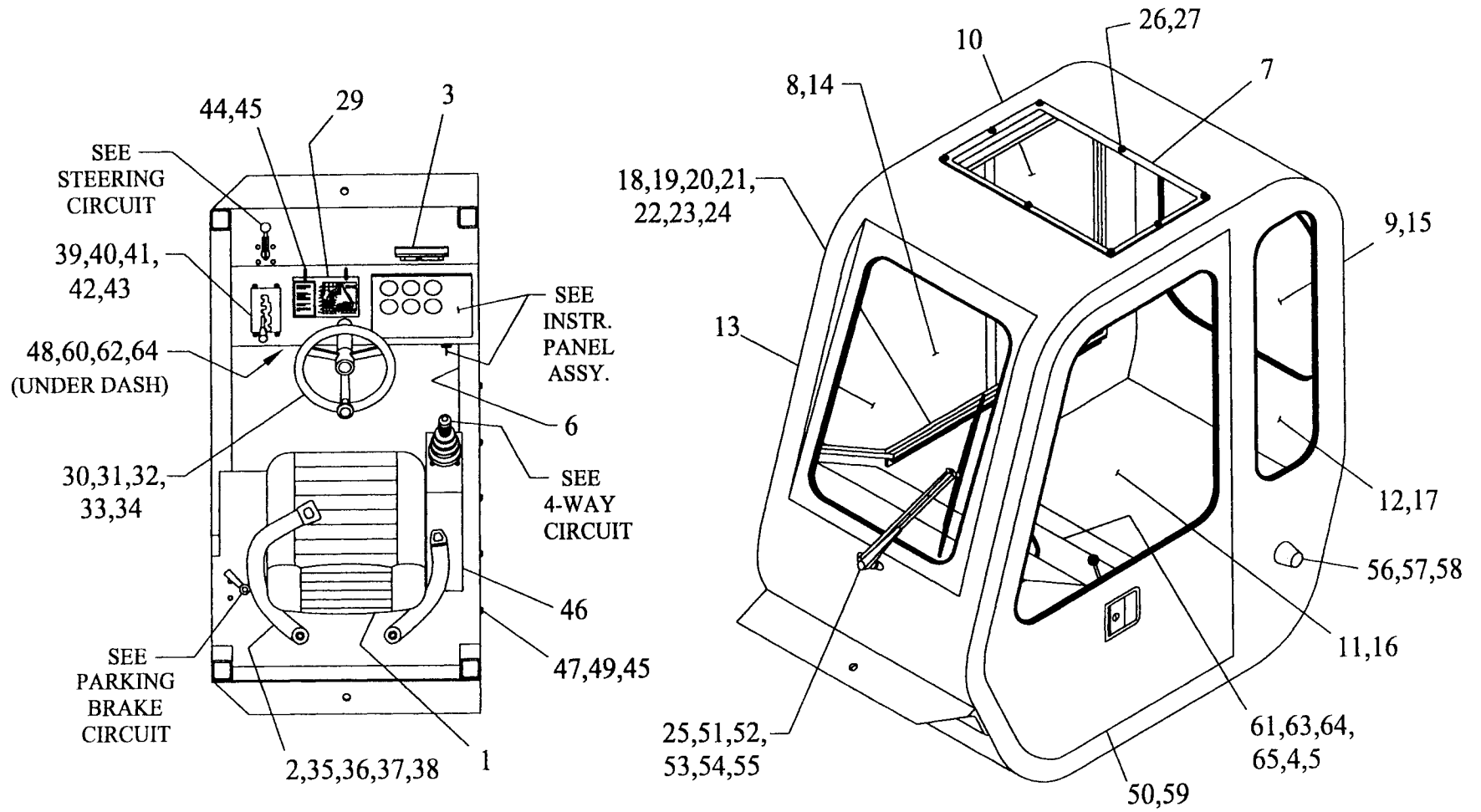
| <u>DESCRIPTION</u>                            | <u>PART NO.</u> | <u>APPLICATION</u>                |
|-----------------------------------------------|-----------------|-----------------------------------|
| 1. HYDRAULIC RETURN FILTER ELEMENT .....      | 7-256-05 .....  | ..TH528                           |
| 2. ENGINE OIL FILTER / CUMMINS .....          | 7-343-08 .....  | ..TH528                           |
| 3. ENGINE FUEL FILTER .....                   | 7-343-09 .....  | ..TH528                           |
| 4. ENGINE FUEL / WATER SEPARATOR .....        | 7-343-10 .....  | ..TH528                           |
| 5. AIR CLEANER ELEMENT .....                  | 7-135-07 .....  | ..TH528                           |
| 6. TRANSMISSION OIL FILTER .....              | 7-126-349 ..... | ..TH528                           |
| 7. FUEL STRAINER / HYDRAULIC RESERVOIR .....  | 7-272-05 .....  | ..TH528<br>w/ 7-264-01 FILLER CAP |
| 8. HYDRAULIC RESERVOIR FILLER-BREATHING ..... | 7-272-09 .....  | ..TH528<br>w/ FILLER-BREATHING    |

| ITEM | NUMBER    | DESCRIPTION                        | REQD |
|------|-----------|------------------------------------|------|
| 1    | 4-1392-6  | DECAL / TH528                      | 2    |
| 2    | 4-1401-1  | DECAL / STEERING SELECTOR (*)      | REF  |
| 3    | 4-1401-2  | DECAL / DIESEL FUEL (*)            | REF  |
| 4    | 4-1401-3  | DECAL / HYDRAULIC OIL LEVEL (*)    | REF  |
| 5    | 4-1401-6  | DECAL / TRANSMISSION CONTROLS (*)  | REF  |
| 6    | 4-1401-8  | DECAL / TRANSMISSION OIL (*)       | REF  |
| 7    | 4-1401-9  | DECAL / FUSE HOLDER (*)            | REF  |
| 8    | 4-1880-1  | DECAL / BOOM ANGLE / WHITE LETTER  | 1    |
| 9    | 4-1880-3  | DECAL / 4 - WAY CONTROLLER         | 1    |
| 10   | 4-1880-11 | DECAL / A / WHITE LETTER           | 1    |
| 11   | 4-1880-12 | DECAL / B / WHITE LETTER           | 1    |
| 12   | 4-1880-13 | DECAL / C / WHITE LETTER           | 1    |
| 13   | 4-1880-14 | DECAL / D / WHITE LETTER           | 1    |
| 14   | 4-1105-16 | DECAL / MADE IN USA                | 4    |
| 15   | 3-1218    | DECAL / WARNING                    | 1    |
| 16   | 3-1257-1  | DECAL / HYDRAULIC OIL ONLY         | 1    |
| 17   | 4-1579-1  | DECAL / PARKING BRAKE              | 1    |
| 18   | 4-1579-2  | DECAL / ELECTRIC HAZARD            | 1    |
| 19   | 4-1579-3  | DECAL / SWAY CONTROL               | 1    |
| 20   | 4-1579-4  | DECAL / NOT A MAN - LIFT           | 1    |
| 21   | 4-1579-5  | DECAL / BEFORE OPERATING           | 1    |
| 22   | 4-1579-6  | DECAL / BATTERY COMPARTMENT        | 1    |
| 23   | 4-1579-7  | DECAL / COOLING SYSTEM             | 1    |
| 24   | 4-1579-8  | DECAL / HOT EXHAUST                | 2    |
| 25   | 4-1579-9  | DECAL / PINCH POINT AREA           | 9    |
| 26   | 4-1579-10 | DECAL / MACHINE STABILITY          | 4    |
| 27   | 4-1579-11 | DECAL / USE THE SEAT BELT          | 1    |
| 28   | 4-1579-12 | DECAL / NO RIDERS                  | 1    |
| 29   | 4-1579-13 | DECAL / HYDRAULIC SYSTEM           | 1    |
| 30   | 7-349-01  | DECAL / TEREX CROWN / SMALL        | 1    |
| 31   | 7-349-02  | DECAL / TEREX CROWN / MEDIUM       | 2    |
| 32   | 7-349-03  | DECAL / TEREX CROWN / LARGE        | 1    |
| 33   | 2-1208    | DECAL / BRAKE OFF                  | 1    |
| 34   | 4-1401    | FULL DECAL SHT. / ITEMS MARKED (*) | REF  |

(\*) DECALS NOT SOLD SEPARATELY



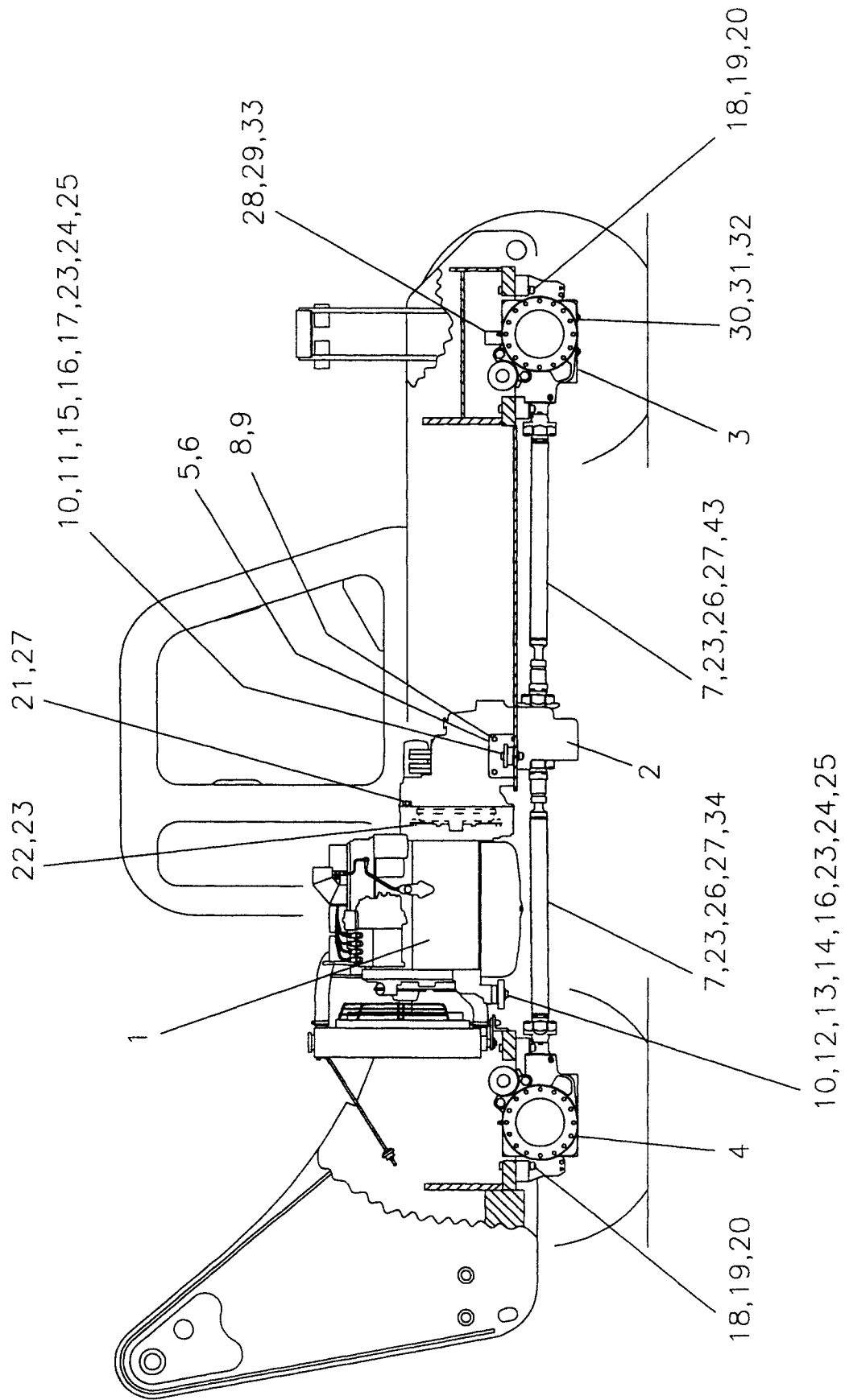
| ITEM | NUMBER     | DESCRIPTION                       | REQD |
|------|------------|-----------------------------------|------|
| 1    | 4-1895     | MAIN FRAME WELDMENT               | 1    |
| 2    | 4-1819     | CAB WELDMENT                      | 1    |
| 3    | 4-1829     | REAR PANEL                        | 1    |
| 4    | 6-5206-06  | CAPSCREW 3/8 NC x 3/4 LG.         | 2    |
| 5    | 6-6211-06  | LOCKWASHER 3/8                    | 2    |
| 6    | 6-6212-06  | FLATWASHER 3/8                    | 2    |
| 7    | 7-335-08   | TIRE & WHEEL ASSEMBLY / RH        | 2    |
| 8    | 7-316-195  | CYLINDER / LIFT                   | 2    |
| 9    | 7-316-191  | CYLINDER / BOOM                   | 1    |
| 10   | 7-316-192  | CYLINDER / TILT                   | 1    |
| 11   | 7-316-193  | CYLINDER / SLAVE                  | 1    |
| 12   | 7-316-194  | CYLINDER / SWAY                   | 1    |
| 13   | 3-1363     | PIN / HEAD LIFT CYLINDER          | 1    |
| 14   | 6-2420-10  | COLLAR / HEAD LIFT CYLINDER       | 2    |
| 15   | 6-3312-87  | PIN / BASE LIFT & SLAVE CYLINDER  | 3    |
| 16   | 6-3012-03  | PIN / BASE BOOM CYLINDER          | 1    |
| 17   | 6-3016-02  | PIN / HEAD TILT CYLINDER          | 1    |
| 18   | 6-3316-108 | PIN / BASE TILT & HEAD BOOM CYL.  | 1    |
| 19   | 3-1389     | PIN / HEAD SWAY CYLINDER          | 1    |
| 20   | 6-3312-81  | PIN / BASE SWAY CYLINDER          | 1    |
| 21   | 2-1195     | PIN / HEAD SLAVE CYLINDER         | 1    |
| 22   | 3-1361     | PIN / QUICK ATTACH MOUNTING FRAME | 1    |
| 23   | 3-1335     | LOCK PIN / QUICK ATTACH           | 1    |
| 24   | 6-5208-36  | CAPSCREW 1/2 NC x 4 1/2 LG.       | 2    |
| 25   | 6-6201-08  | HEX NUT 1/2 NC                    | 5    |
| 26   | 6-6211-08  | LOCKWASHER 1/2                    | 5    |
| 27   | 6-5208-30  | CAPSCREW 1/2 NC x 3 3/4 LG.       | 1    |
| 28   | 6-5208-34  | CAPSCREW 1/2 NC x 4 1/4 LG.       | 2    |
| 29   | 6-6201-06  | HEX NUT 3/8 NC                    | 6    |
| 30   | 6-6211-06  | LOCKWASHER 3/8                    | 6    |
| 31   | 6-5206-24  | CAPSCREW 3/8 NC x 3 LG.           | 4    |
| 32   | 6-5206-28  | CAPSCREW 3/8 NC x 3 1/2 LG.       | 2    |
| 33   | 7-333-01   | MIRROR / CONVEX                   | 1    |
| 34   | 6-5214-40  | CAPSCREW 7/8 NC x 5 LG.           | 4    |
| 35   | 6-6205-14  | SELF LOCKING NUT 7/8 NC           | 4    |
| 36   | 7-190-06   | WASHER / RUBBER MOUNTS            | 4    |
| 37   | 7-190-05   | RUBBER MOUNT / CAB                | 8    |
| 38   | 6-6201-08  | HEX NUT 1/2 NC                    | REF  |
| 39   | 4-1825     | MOUNTING FRAME / QUICK ATTACH     | 1    |
| 40   | 2-1178     | LOCK LEVER / for LOCK PIN         | 1    |
| 41   | 1-1182     | SPACER BUSHING / LOCK LEVER       | 1    |
| 42   | 7-194-52   | SPRING / LOCK LEVER               | 1    |
| 43   | 6-5312-20  | CAPSCREW 3/4 NF x 2 1/2 LG.       | 1    |
| 44   | 6-6206-12  | SELF LOCKING NUT 3/4 NF           | 1    |
| 45   | 4-1686     | FORK FRAME / 48 IN. (OPTIONAL)    | REF  |
| 46   | 3-1391-10  | FORK TINE / 48 IN. (OPTIONAL)     | REF  |
| 47   | 2-1067-10  | FORK TINE PIN / 48 IN.            | REF  |
| 48   | 1-1074     | COLLAR / FORK TINE PIN            | REF  |
| 49   | 6-5208-36  | CAPSCREW 1/2 NC x 4 1/2 LG.       | REF  |
| 50   | 6-6211-08  | LOCKWASHER 1/2                    | REF  |
| 51   | 7-335-09   | TIRE & WHEEL ASSEMBLY / LH        | 2    |



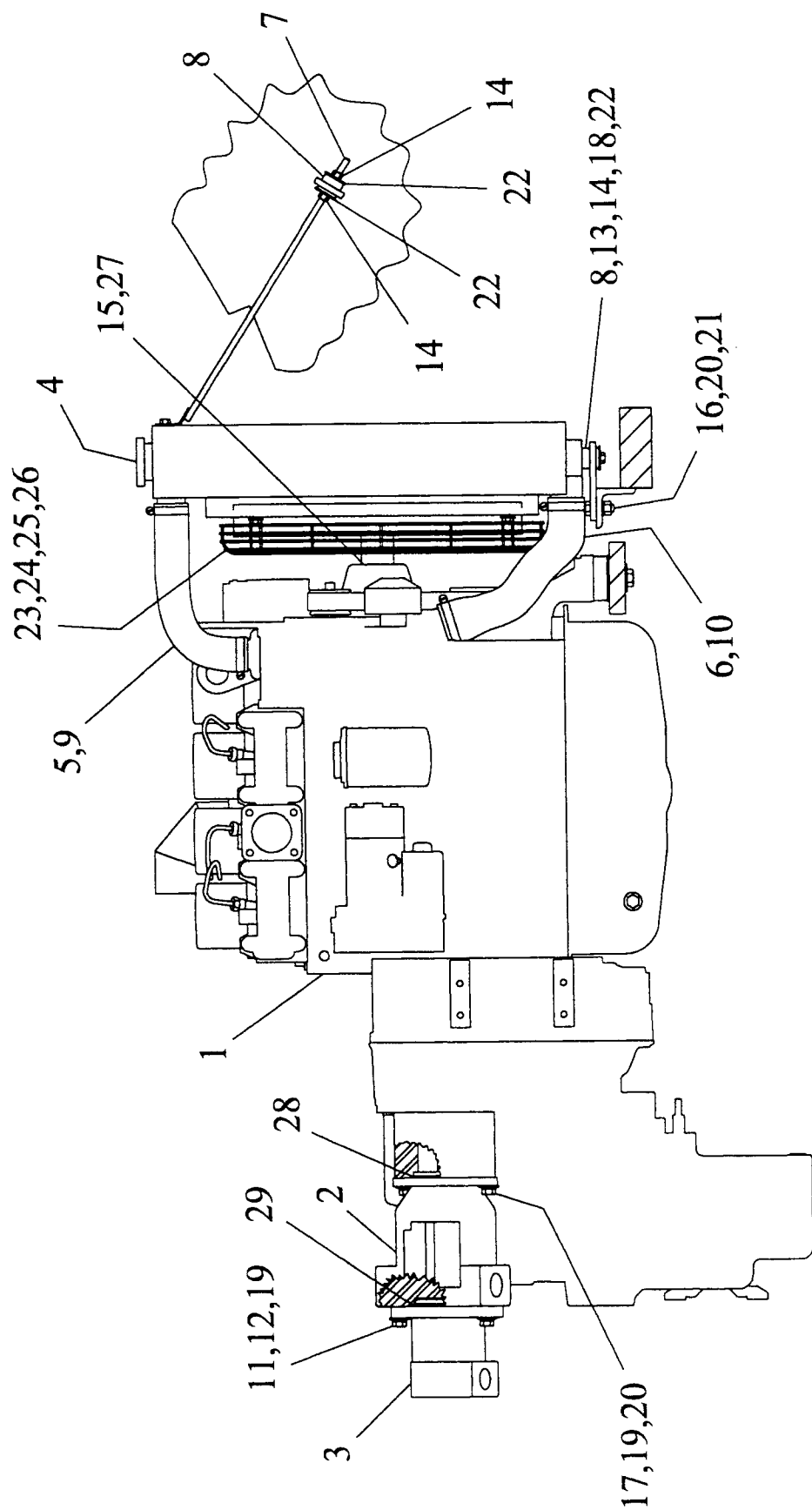
| ITEM | NUMBER     | DESCRIPTION                       | REQD |
|------|------------|-----------------------------------|------|
| 1    | 7-197-01   | SEAT                              | 1    |
| 2    | 7-337-01   | SEAT BELT                         | 1    |
| 3    | 7-104-01   | LEVEL GAGE                        | 1    |
| 4    | 7-194-09   | GROMMET                           | 1    |
| 5    | 6-9601-80  | EDGING 1/4 x 10 LG.               | 1    |
| 6    | 6-9601-133 | EDGING 1/4 x 16 5/8 LG.           | 4    |
| 7    | 4-1861-1   | GLASS / SKYLIGHT                  | 1    |
| 8    | 6-4110-05  | GLASS / WINDSHIELD                | 1    |
| 9    | 6-4110-07  | GLASS / REAR                      | 1    |
| 10   | 6-4010-02  | GLASS / RH / REAR SLIDER          | 1    |
| 11   | 6-3910-06  | GLASS / LH / DOOR                 | 1    |
| 12   | 6-4110-06  | GLASS / LH / CAB                  | 1    |
| 13   | 6-3910-07  | GLASS / RH / FRONT SLIDER         | 1    |
| 14   | 6-9608-832 | RUBBER / WINDSHIELD               | 1    |
| 15   | 6-9608-720 | RUBBER / REAR WINDOW              | 1    |
| 16   | 6-9608-960 | RUBBER / LH / DOOR                | 1    |
| 17   | 6-9608-664 | RUBBER / LH / CAB                 | 1    |
| 18   | 4-1862-1   | CHANNEL WELDMENT / REMOVABLE      | REF  |
| 19   | 7-226-03   | HANDLE / SLIDING WINDOW           | 1    |
| 20   | 6-9614-268 | RUBBER CHANNEL                    | 1    |
| 21   | 6-9614-110 | RUBBER CHANNEL                    | 1    |
| 22   | 6-9614-227 | RUBBER CHANNEL                    | 1    |
| 23   | 6-9614-298 | RUBBER CHANNEL                    | 1    |
| 24   | 6-9614-271 | RUBBER CHANNEL                    | 1    |
| 25   | 6-6211-04  | LOCKWASHER 1/4                    | 2    |
| 26   | 6-5204-04  | CAPSCREW 1/4 NC x 1/2 LG.         | 8    |
| 27   | 6-6212-04  | FLATWASHER 1/4                    | 8    |
| 28   | 7-319-17   | GROUND STRAP / CAB (NOT SHOWN)    | 1    |
| 29   | 4-1386-5   | LOAD CHART / TH528                | 1    |
| 30   | 7-256-32   | NUT / STEERING WHEEL (w/ ITEM 36) | REF  |
| 31   | 7-256-30   | STEERING ORBITRAL                 | 1    |
| 32   | 7-256-31   | STEERING COLUMN                   | 1    |
| 33   | 7-352-01   | STEERING WHEEL                    | 1    |
| 34   | 7-352-02   | HORN BUTTON KIT                   | 1    |
| 35   | 6-5206-06  | CAPSCREW 3/8 NC x 3/4 LG.         | 2    |
| 36   | 6-6211-06  | LOCKWASHER 3/8                    | 2    |
| 37   | 6-6212-06  | FLATWASHER 3/8                    | 2    |
| 38   | 6-6201-06  | HEX NUT 3/8 NC                    | 2    |
| 39   | 7-351-01   | TRANSMISSION CONTROL              | 1    |
| 40   | 6-6284-08  | MACHINE SCREW #10-32 x 3/4 LG.    | 4    |
| 41   | 6-6286-06  | HEX NUT #10-32                    | 4    |
| 42   | 6-6286-12  | FLATWASHER #10                    | 4    |
| 43   | 6-6286-07  | LOCKWASHER #10                    | 4    |
| 44   | 7-194-07   | U-BOLT w/ NUTS                    | 2    |
| 45   | 6-6201-04  | HEX NUT 1/4 NC                    | 8    |
| 46   | 4-1832     | CONTROLLER MOUNT / ARMREST        | 1    |
| 47   | 6-5204-06  | CAPSCREW 1/4 NC x 3/4 LG.         | 4    |
| 48   | 6-9601-144 | EDGING 1/4 x 18 LG.               | 1    |
| 49   | 6-6211-04  | LOCKWASHER 1/4                    | 4    |
| 50   | 7-194-63   | WEATHERSTRIP / PER FOOT           | 7    |
| 51   | 7-293-23   | PANTOGRAPH KIT / WINDSHIELD WIPER | 1    |
| 52   | 7-293-24   | WIPER ARM / 18 IN.                | 1    |

| ITEM | NUMBER    | DESCRIPTION                    | REQD |
|------|-----------|--------------------------------|------|
| 53   | 7-293-25  | WIPER BLADE / 20 IN.           | 1    |
| 54   | 7-293-26  | ADAPTER KIT / WINDSHIELD WIPER | 1    |
| 55   | 6-5304-06 | CAPSCREW 1/4 NF x 3/4 LG.      | 2    |
| 56   | 7-194-61  | RUBBER STUD BUMPER             | 1    |
| 57   | 6-6211-05 | LOCKWASHER 5/16                | 1    |
| 58   | 6-6201-05 | HEX NUT 5/16 NC                | 1    |
| 59   | 4-1819-1  | DOOR                           | REF  |
| 60   | 4-1819-2  | VANDAL COVER / UNDER DASH      | REF  |
| 61   | 4-1819-3  | COVER / SEAT MOUNT             | REF  |
| 62   | 7-290-01  | BODY BOLT 5/16 NC x 3/4 LG.    | 4    |
| 63   | 6-5204-04 | CAPSCREW 1/4 NC x 1/2 LG.      | 4    |
| 64   | 6-6212-04 | FLATWASHER 1/4                 | 8    |
| 65   | 6-6211-04 | LOCKWASHER 1/4                 | 4    |

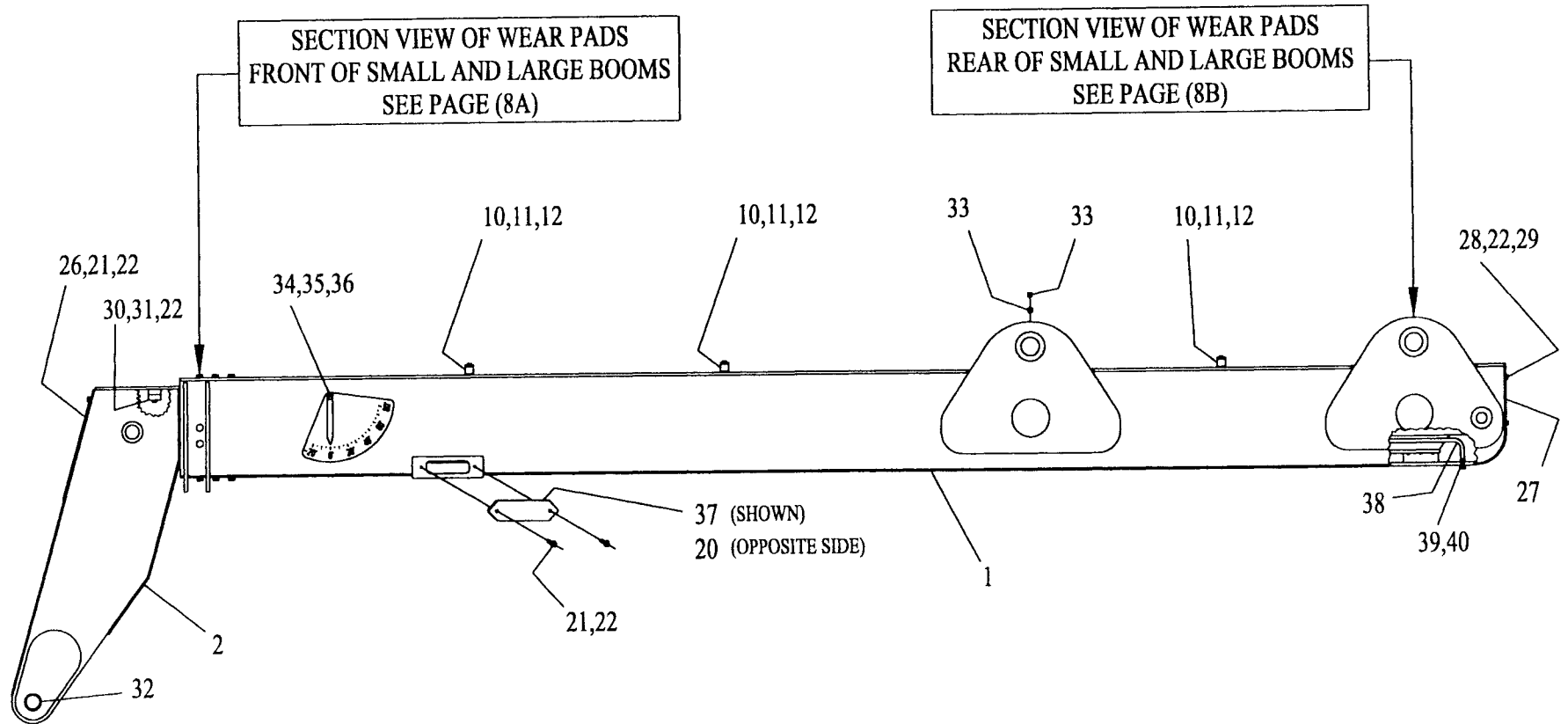
## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

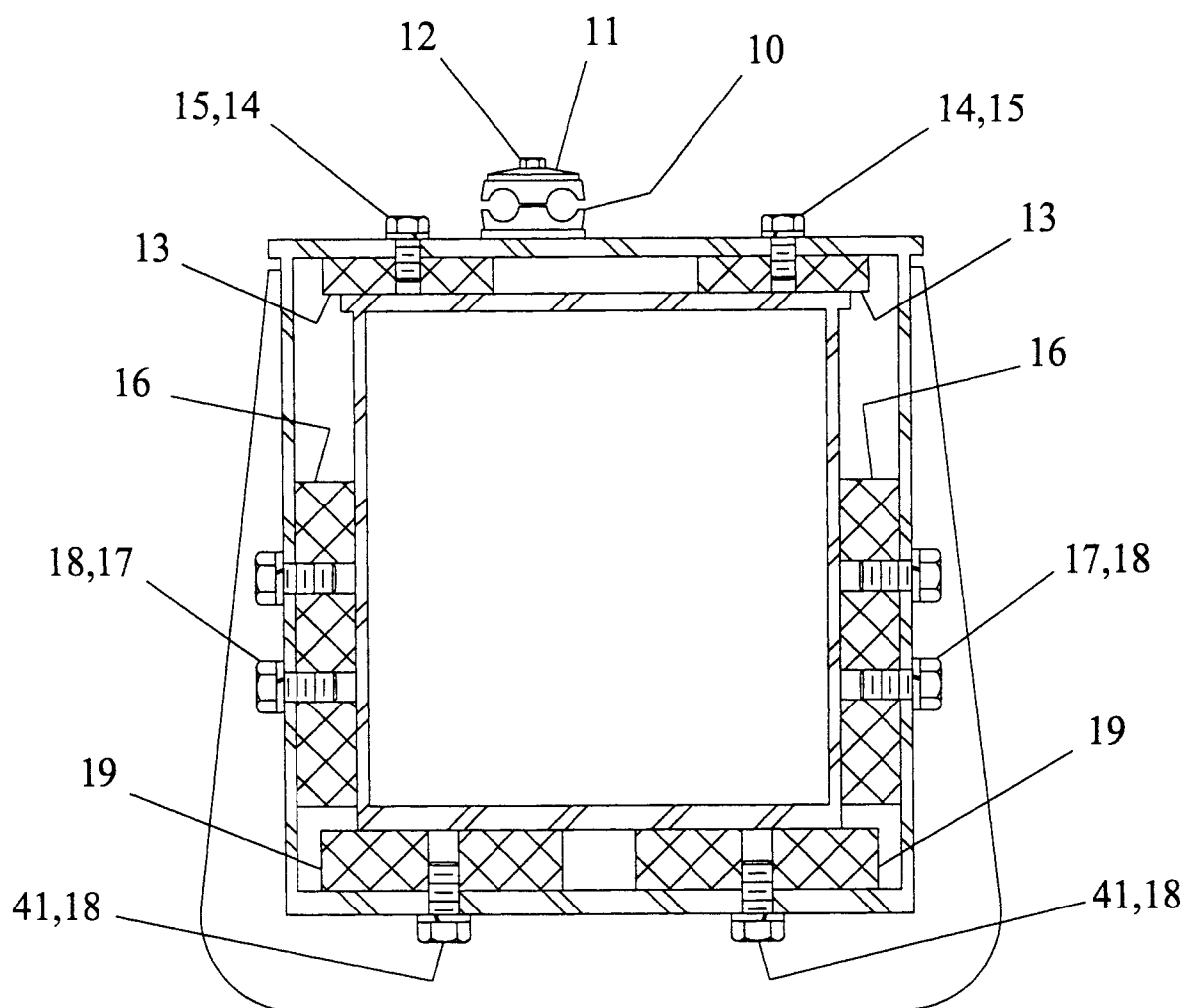


| ITEM | NUMBER    | DESCRIPTION                      | REQD |
|------|-----------|----------------------------------|------|
| 1    | P4-1838   | ENGINE and PUMP ASSEMBLY         | REF  |
| 2    | 7-126-348 | TRANSMISSION ASSEMBLY            | 1    |
| 3    | 7-368-02  | AXLE ASSEMBLY / FRONT            | 1    |
| 4    | 7-368-01  | AXLE ASSEMBLY / REAR             | 1    |
| 5    | 3-1360-1  | MOUNT / TRANSMISSION / LH        | 1    |
| 6    | 3-1360-2  | MOUNT / TRANSMISSION / RH        | 1    |
| 7    | 7-196-44  | DRIVESHAFT / FRONT & REAR        | 2    |
| 8    | 6-8112-35 | CAPSCREW 12mm x 1.75 x 35mm LG.  | 5    |
| 9    | 6-9111-12 | LOCKWASHER 12mm                  | 5    |
| 10   | 7-326-02  | RUBBER MOUNT / ENGINE-TRANS.     | 3    |
| 11   | 6-5310-30 | CAPSCREW 5/8 NF x 3 3/4 LG.      | 2    |
| 12   | 6-5210-32 | CAPSCREW 5/8 NC x 4 LG.          | 1    |
| 13   | 6-6207-10 | JAM NUT 5/8 NC                   | 1    |
| 14   | 6-5206-16 | CAPSCREW 3/8 NC x 2 LG.          | 2    |
| 15   | 6-6212-10 | FLATWASHER 5/8                   | 3    |
| 16   | 6-6211-10 | LOCKWASHER 5/8                   | 3    |
| 17   | 6-6202-10 | HEX NUT 5/8 NF                   | 2    |
| 18   | 6-5312-40 | CAPSCREW 3/4 NF x 5 LG.          | 8    |
| 19   | 6-6211-12 | LOCKWASHER 3/4                   | 8    |
| 20   | 6-6202-12 | HEX NUT 3/4 NF                   | 8    |
| 21   | 6-8510-40 | CAPSCREW 10mm x 1.5 x 40mm LG.   | 11   |
| 22   | 6-5306-14 | CAPSCREW 3/8 NF x 1 3/4 LG.      | 8    |
| 23   | 6-6211-06 | LOCKWASHER 3/8                   | 22   |
| 24   | 6-6201-06 | HEX NUT 3/8 NC                   | 6    |
| 25   | 6-5206-12 | CAPSCREW 3/8 NC x 1 1/2 LG.      | 4    |
| 26   | 6-5306-16 | CAPSCREW 3/8 NF x 2 LG.          | 8    |
| 27   | 6-9111-10 | LOCKWASHER 10mm                  | 19   |
| 28   | 3-1388    | MOUNT / SWAY                     | 1    |
| 29   | 6-4516-16 | BRONZE BUSHING / AXLE SWAY MOUNT | 1    |
| 30   | 6-5312-84 | CAPSCREW 3/4 NF x 10 1/2 LG.     | 4    |
| 31   | 6-6211-12 | LOCKWASHER 3/4                   | 4    |
| 32   | 6-6202-12 | HEX NUT 3/4 NF                   | 4    |
| 33   | 2-1216    | BASE PLATE / SWAY                | 1    |
| 34   | 6-8610-50 | CAPSCREW 10mm x 1.0 x 50mm LG.   | 8    |

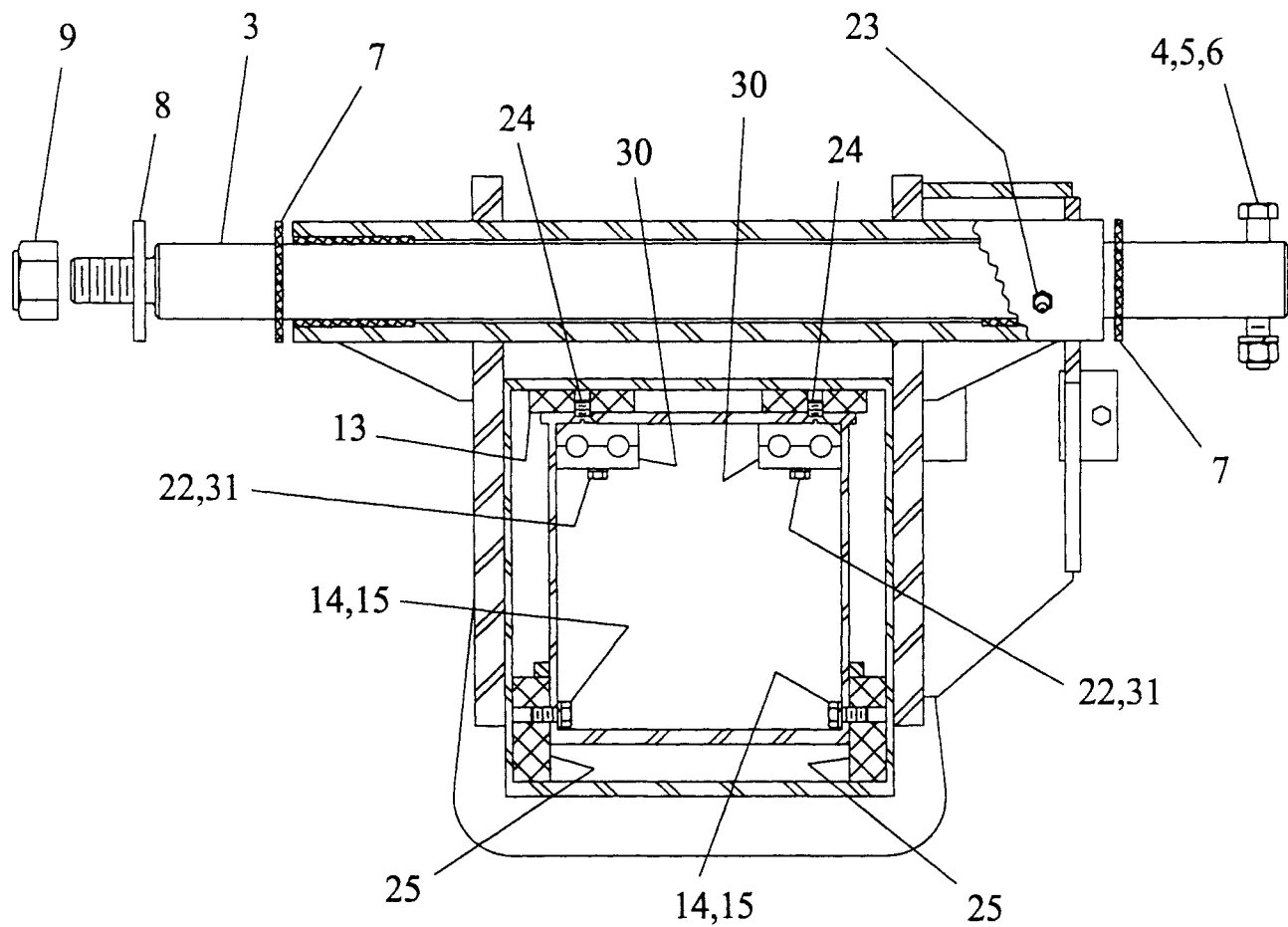


| ITEM | NUMBER    | DESCRIPTION                        | REQD |
|------|-----------|------------------------------------|------|
| 1    | 7-343-24  | ENGINE ASSY / CUMMINS B3.9-C-80    | 1    |
| 2    | 7-345-56  | PUMP / PISTON TYPE / 45cc          | 1    |
| 3    | 7-345-57  | PUMP / GEAR TYPE / 23.8cc          | 1    |
| 4    | 7-311-15  | RADIATOR                           | 1    |
| 5    | 7-158-86  | RADIATOR HOSE / UPPER              | 1    |
| 6    | 7-158-87  | RADIATOR HOSE / LOWER              | 1    |
| 7    | 3-1367    | ADJUSTING ROD / UPPER RADIATOR MT. | 1    |
| 8    | 7-190-04  | RUBBER MOUNT / CENTER BONDED       | 3    |
| 9    | 6-6252-08 | CLAMP / RADIATOR HOSE              | 2    |
| 10   | 6-6252-10 | CLAMP / RADIATOR HOSE              | 2    |
| 11   | 6-8912-35 | CAPSCREW SH 12mm x 1.75 x 35mm     | 2    |
| 12   | 6-9111-12 | LOCKWASHER 12mm                    | 2    |
| 13   | 6-5206-16 | CAPSCREW 3/8 NC x 2 LG.            | 2    |
| 14   | 6-6205-06 | SELF LOCKING NUT 3/8 NC            | 4    |
| 15   | 7-343-34  | FAN / BLOWER / 18 IN.              | REF  |
| 16   | 6-5208-12 | CAPSCREW 1/2 NC x 1 1/2 LG.        | 2    |
| 17   | 6-5208-12 | CAPSCREW 1/2 NC x 1 1/2 LG.        | 2    |
| 18   | 1-1210    | MOUNT / RADIATOR                   | 2    |
| 19   | 6-6212-08 | FLATWASHER 1/2                     | 2    |
| 20   | 6-6211-08 | LOCKWASHER 1/2                     | 4    |
| 21   | 6-6201-08 | HEX NUT 1/2 NC                     | 2    |
| 22   | 7-190-02  | WASHER / CENTER BONDED RUBBER MT.  | 4    |
| 23   | 4-1685    | FAN GUARD / 18 IN. FAN             | 1    |
| 24   | 6-5205-08 | CAPSCREW 5/16 NC x 1 LG.           | 4    |
| 25   | 6-6211-05 | LOCKWASHER 5/16                    | 4    |
| 26   | 6-6212-06 | FLATWASHER 3/8                     | 4    |
| 27   | 7-343-16  | SPACER / FAN / 2 1/2 (2 REQ.)      | REF  |
| 28   | 7-229-100 | O-RING                             | 1    |
| 29   | 7-345-88  | O-RING                             | REF  |



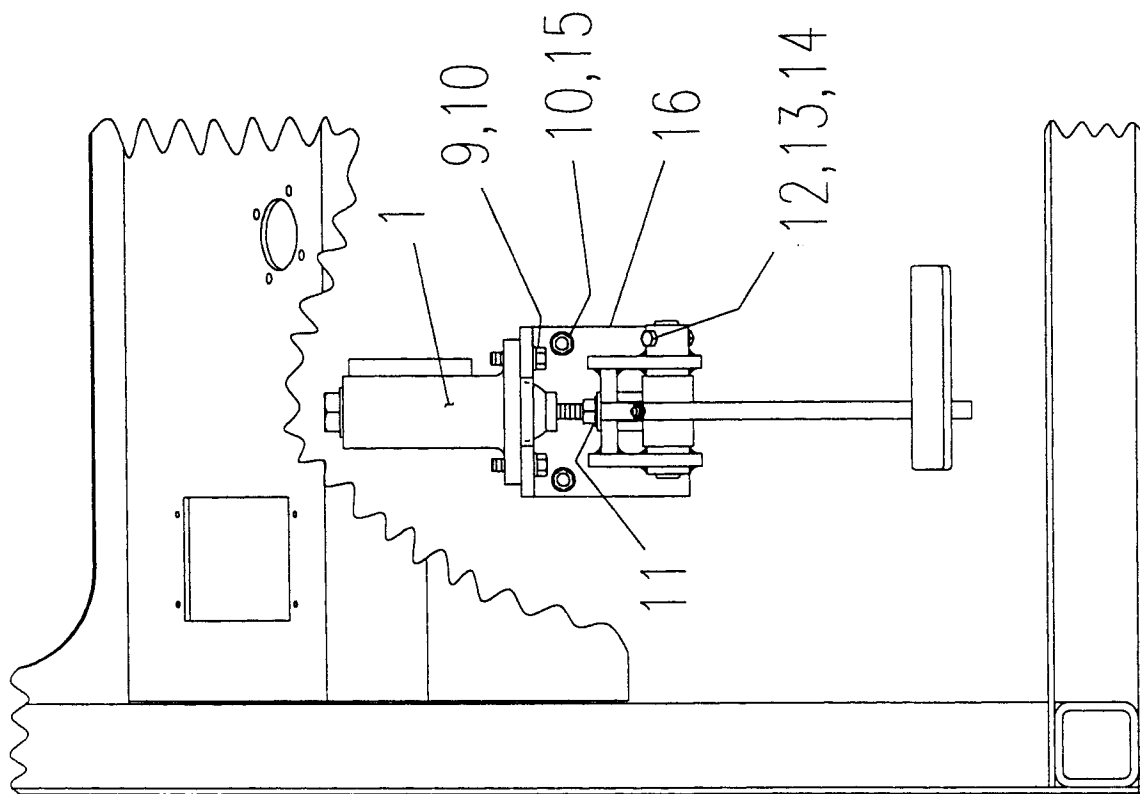
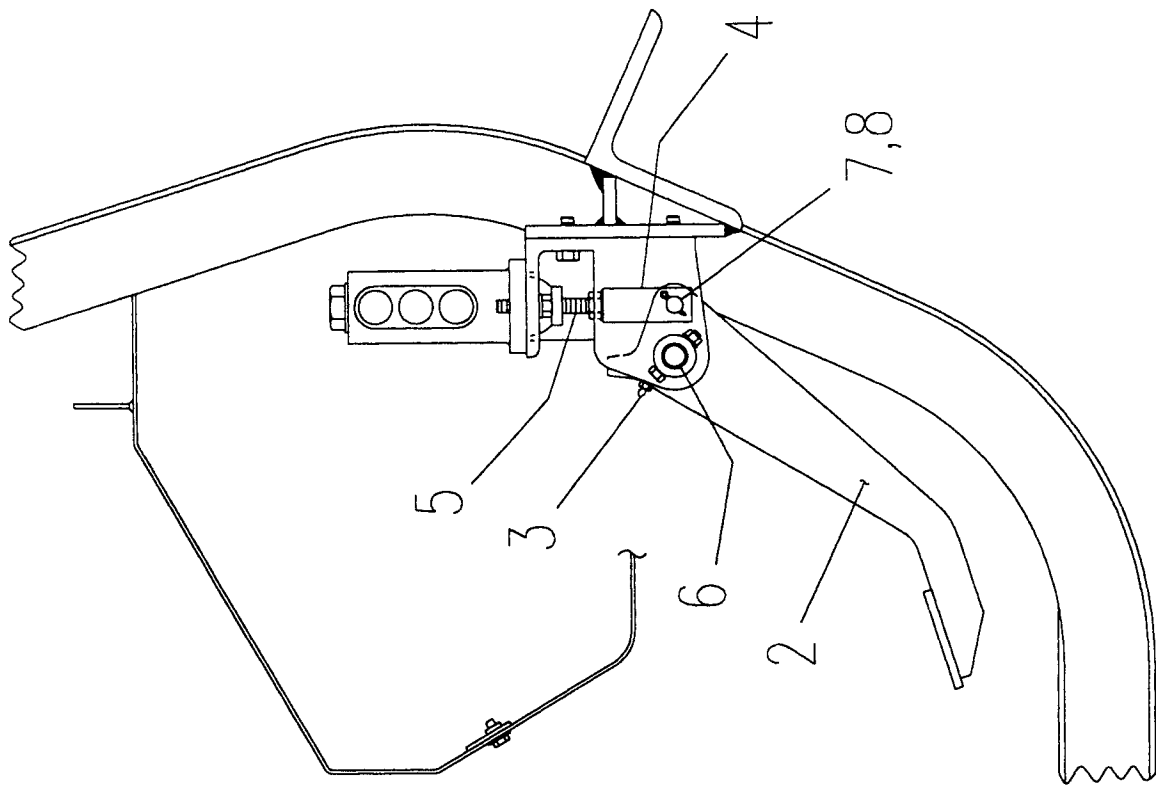


SECTION VIEW OF WEAR PADS  
FRONT OF SMALL AND LARGE BOOMS

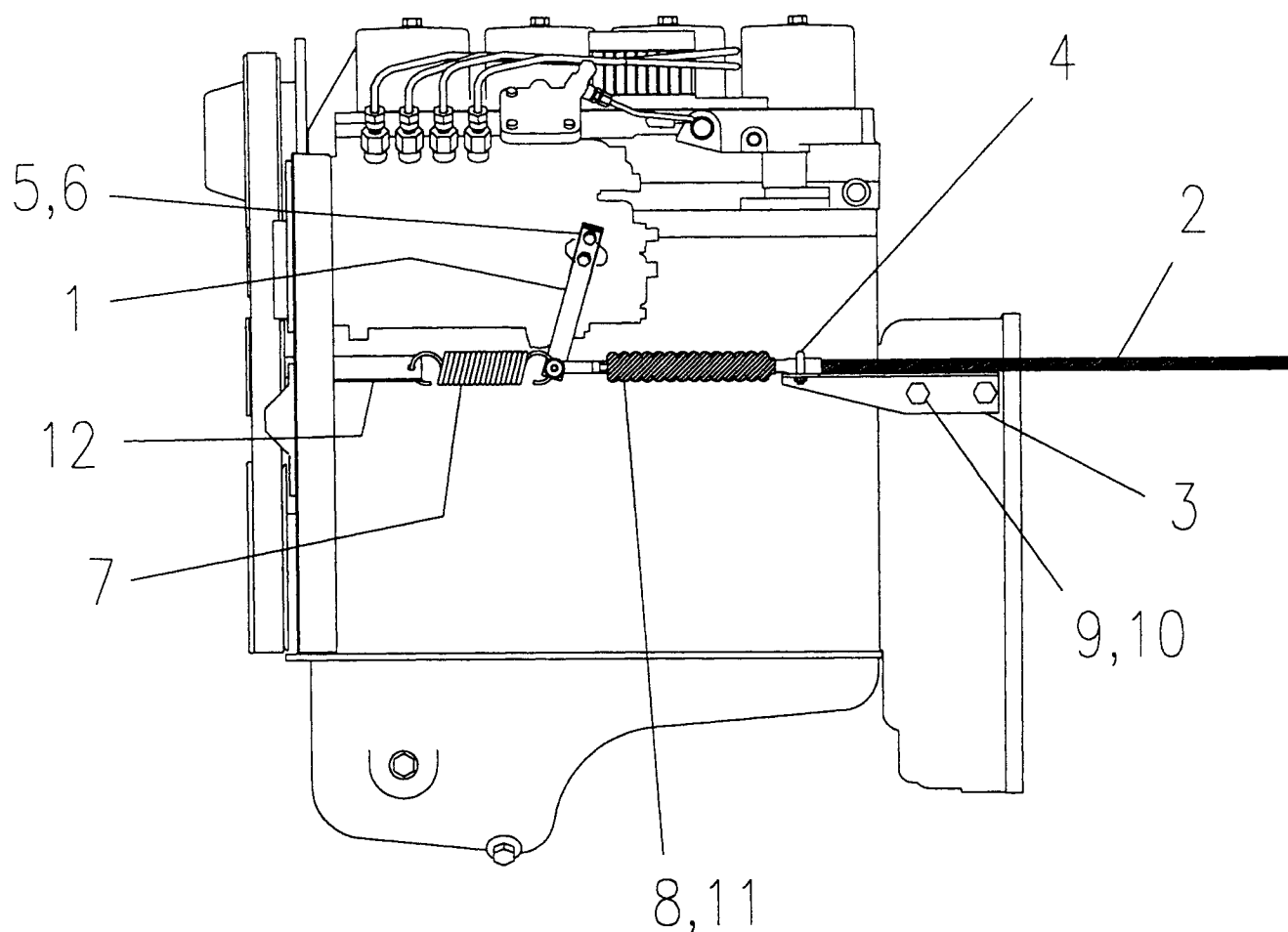


SECTION VIEW OF WEAR PADS AND PIVOT PIN  
REAR OF SMALL AND LARGE BOOMS

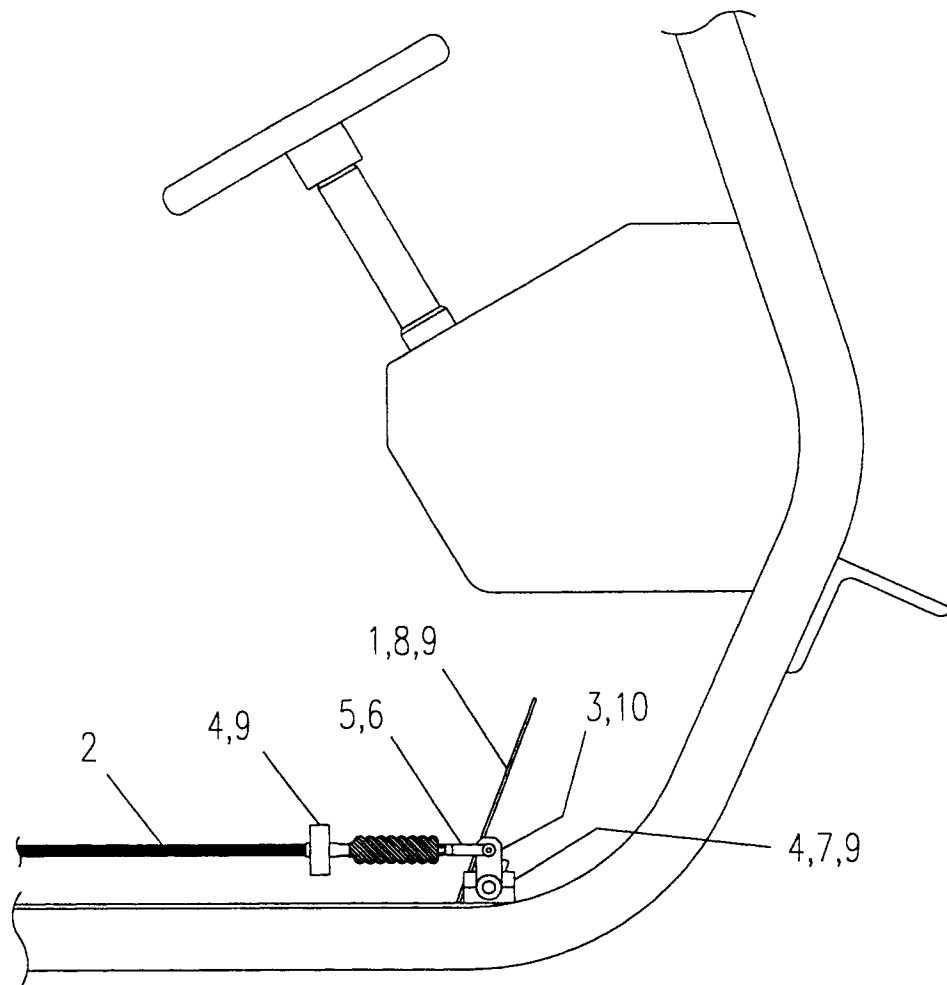
| ITEM | NUMBER    | DESCRIPTION                        | REQD |
|------|-----------|------------------------------------|------|
| 1    | 4-1816    | LARGE BOOM                         | 1    |
| 2    | 4-1817    | SMALL BOOM                         | 1    |
| 3    | 3-1154-6  | CROSS SHAFT / MAIN PIVOT           | 1    |
| 4    | 6-5312-40 | CAPSCREW 3/4 NF x 5 LG.            | 1    |
| 5    | 6-6202-12 | HEX NUT 3/4 NF                     | 1    |
| 6    | 6-6211-12 | LOCKWASHER 3/4                     | 1    |
| 7    | 6-6600-13 | THRUSTWASHER 4.00 x 2.50 x .250    | 2    |
| 8    | 6-6701-06 | WASHER / STEEL                     | 1    |
| 9    | 6-6206-24 | SELF LOCKING NUT 1 1/2 NF          | 1    |
| 10   | 7-273-27  | CLAMP HALF SET / 3/8 TWIN HOSE     | 5    |
| 11   | 7-273-23  | COVER PLATE / 3/8 HOSE CLAMP       | 5    |
| 12   | 6-5205-10 | CAPSCREW 5/16 NC x 1 1/4 LG.       | 5    |
| 13   | 2-1191    | WEAR PAD / TOP / LG. & SM. BOOM    | 4    |
| 14   | 6-5208-08 | CAPSCREW 1/2 NC x 1 LG.            | 12   |
| 15   | 6-6211-08 | LOCKWASHER 1/2                     | 12   |
| 16   | 2-1209    | WEAR PAD / SIDES / LARGE BOOM      | 2    |
| 17   | 6-5210-10 | CAPSCREW 5/8 NC x 1 1/4 LG.        | 4    |
| 18   | 6-6211-10 | LOCKWASHER 5/8                     | 10   |
| 19   | 2-1190    | WEAR PAD / BOTTOM / LARGE BOOM     | 2    |
| 20   | 2-1203    | MOUNT / BULKHEAD FITTINGS          | 1    |
| 21   | 6-5206-04 | CAPSCREW 3/8 NC x 1/2 LG.          | 5    |
| 22   | 6-6211-06 | LOCKWASHER 3/8                     | 13   |
| 23   | 6-6301    | LUBE FITTING 1/8 NPT STR.          | 2    |
| 24   | 6-6008-06 | FLAT HD. SOCKET SCREW 1/2 NC x 3/4 | 6    |
| 25   | 2-1189    | WEAR PAD / REAR SIDES / SMALL BOOM | 2    |
| 26   | 3-1359    | ACCESS COVER / TILT VALVE          | 1    |
| 27   | 3-1366    | ACCESS COVER / REAR / LARGE BOOM   | 1    |
| 28   | 6-5206-06 | CAPSCREW 3/8 NC x 3/4 LG.          | 4    |
| 29   | 6-6212-06 | FLATWASHER 3/8                     | 4    |
| 30   | 2-1218-1  | CLAMP / 1/2 HOSE                   | REF  |
| 31   | 6-5206-12 | CAPSCREW 3/8 NC x 1 1/2 LG.        | 4    |
| 32   | 7-296-03  | TENSION BUSHING (2 REQ.)           | REF  |
| 33   | 6-6275-07 | SET SCREW 5/8 NC x 5/8 LG.         | 2    |
| 34   | 1-1217    | POINTER / BOOM ANGLE               | 1    |
| 35   | 6-5204-08 | CAPSCREW 1/4 NC x 1 LG.            | 1    |
| 36   | 6-6201-04 | HEX NUT 1/4 NC                     | 1    |
| 37   | 2-1203-1  | COVER PLATE                        | 1    |
| 38   | 4-1881    | HOSE GUIDE                         | 1    |
| 39   | 6-6211-07 | LOCKWASHER 7/16                    | 2    |
| 40   | 6-6201-07 | HEX NUT 7/16 NC                    | 2    |
| 41   | 6-5210-12 | CAPSCREW 5/8 NC x 1 1/2 LG         | 6    |



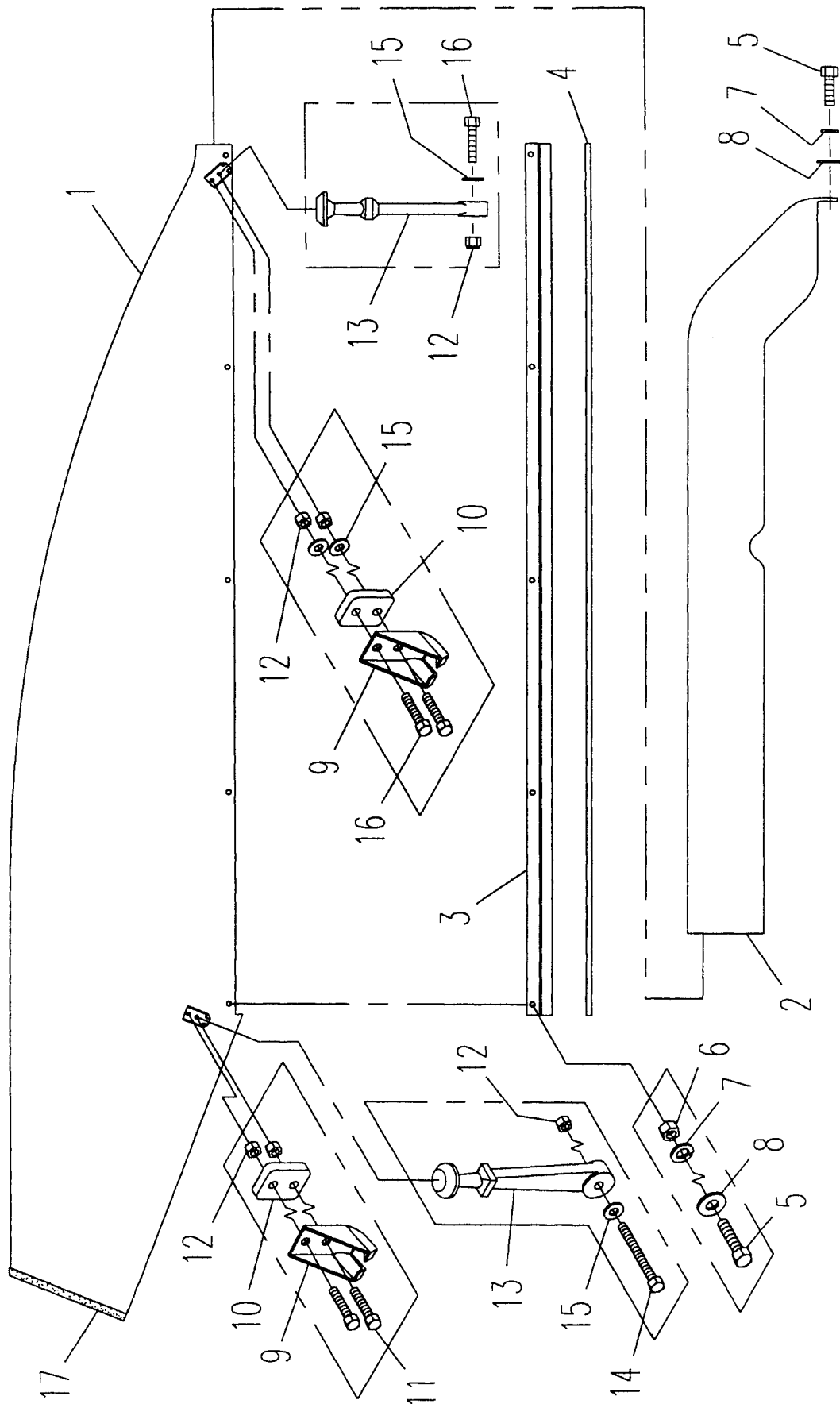
| ITEM | NUMBER    | DESCRIPTION                  | REQD |
|------|-----------|------------------------------|------|
| 1    | 7-198-39  | ACTUATOR / BRAKE             | 1    |
| 2    | 3-1148    | PEDAL / BRAKE                | 1    |
| 3    | 6-6306    | LUBE FITTING 1/4-28 THD.     | 1    |
| 4    | 1-1008    | YOKE / BRAKE                 | 1    |
| 5    | 1-1009    | PUSH ROD                     | 1    |
| 6    | 2-1117    | PIN / BRAKE PEDAL            | 1    |
| 7    | 6-6261-12 | CLEVIS PIN 1/2 x 1 1/2 LG.   | 1    |
| 8    | 6-6245-08 | COTTER PIN 5/32 x 1 LG.      | 1    |
| 9    | 6-5206-10 | CAPSCREW 3/8 NC x 1 1/4 LG.  | 2    |
| 10   | 6-6211-06 | LOCKWASHER 3/8               | 5    |
| 11   | 6-6202-08 | HEX NUT 1/2 NF               | 1    |
| 12   | 6-5205-14 | CAPSCREW 5/16 NC x 1 3/4 LG. | 1    |
| 13   | 6-6211-05 | LOCKWASHER 5/16              | 1    |
| 14   | 6-6201-05 | HEX NUT 5/16 NC              | 1    |
| 15   | 6-5206-08 | CAPSCREW 3/8 NC x 1 LG.      | 3    |
| 16   | 4-1582    | MOUNT / BRAKE PEDAL          | 1    |



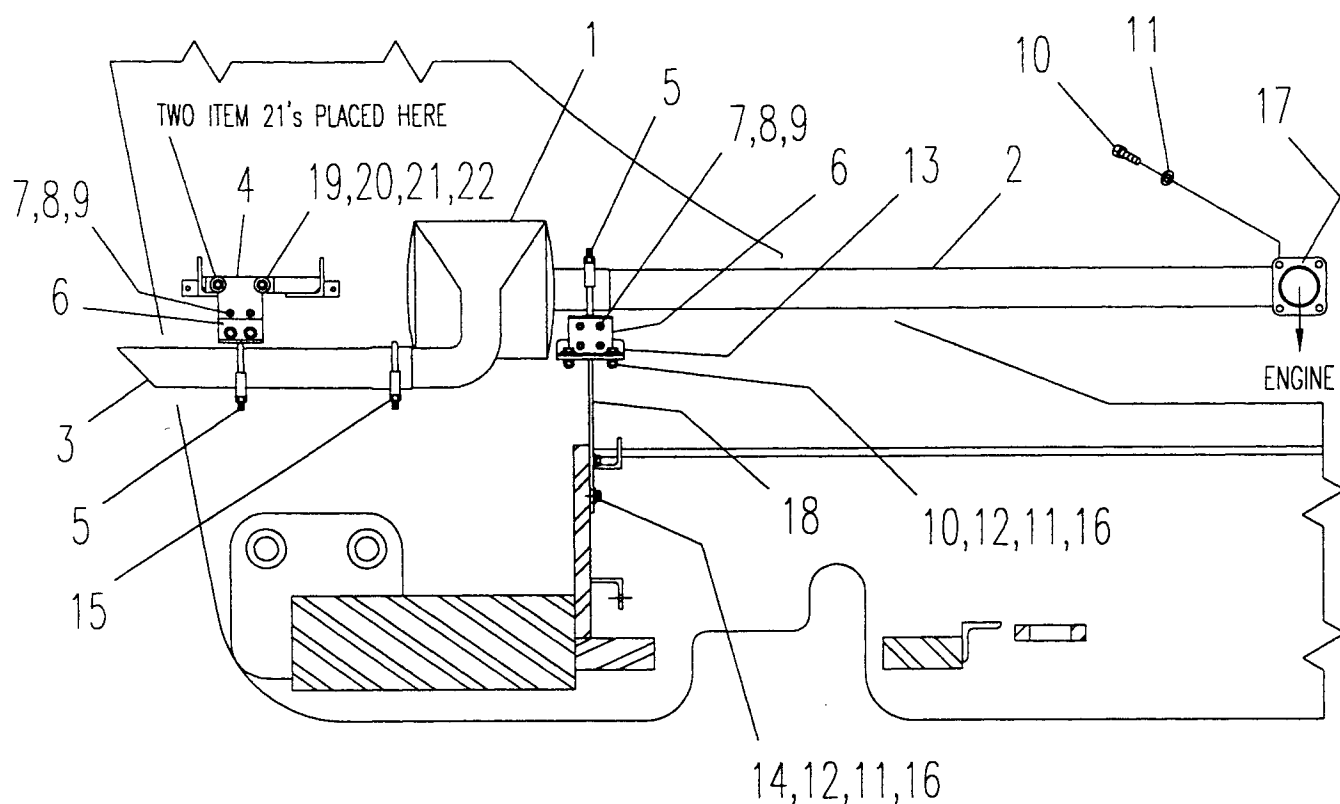
| ITEM | NUMBER    | DESCRIPTION                     | REQD |
|------|-----------|---------------------------------|------|
| 1    | 2-1181    | ACCELERATOR LEVER               | 1    |
| 2    | 7-266-02  | CABLE / ACCELERATOR             | REF  |
| 3    | 3-1374    | MOUNT / ACCELERATOR CABLE       | 1    |
| 4    | 7-194-07  | U-BOLT w/ NUTS                  | 1    |
| 5    | 6-8506-12 | CAPSCREW 6mm x 1.00 x 12mm LG.  | 2    |
| 6    | 6-9111-06 | LOCKWASHER 6mm                  | 2    |
| 7    | 7-194-20  | SPRING / RETURN                 | 1    |
| 8    | 7-194-05  | YOKE w/ CLEVIS PIN & COTTER PIN | 1    |
| 9    | 6-8512-25 | CAPSCREW 12mm x 1.75 x 25mm LG. | 2    |
| 10   | 6-9111-12 | LOCKWASHER 12mm                 | 2    |
| 11   | 6-6208-04 | JAM NUT 1/4-28 (w/ CABLE)       | REF  |
| 12   | 1-1204    | MOUNT / ACCELERATOR SPRING      | 1    |



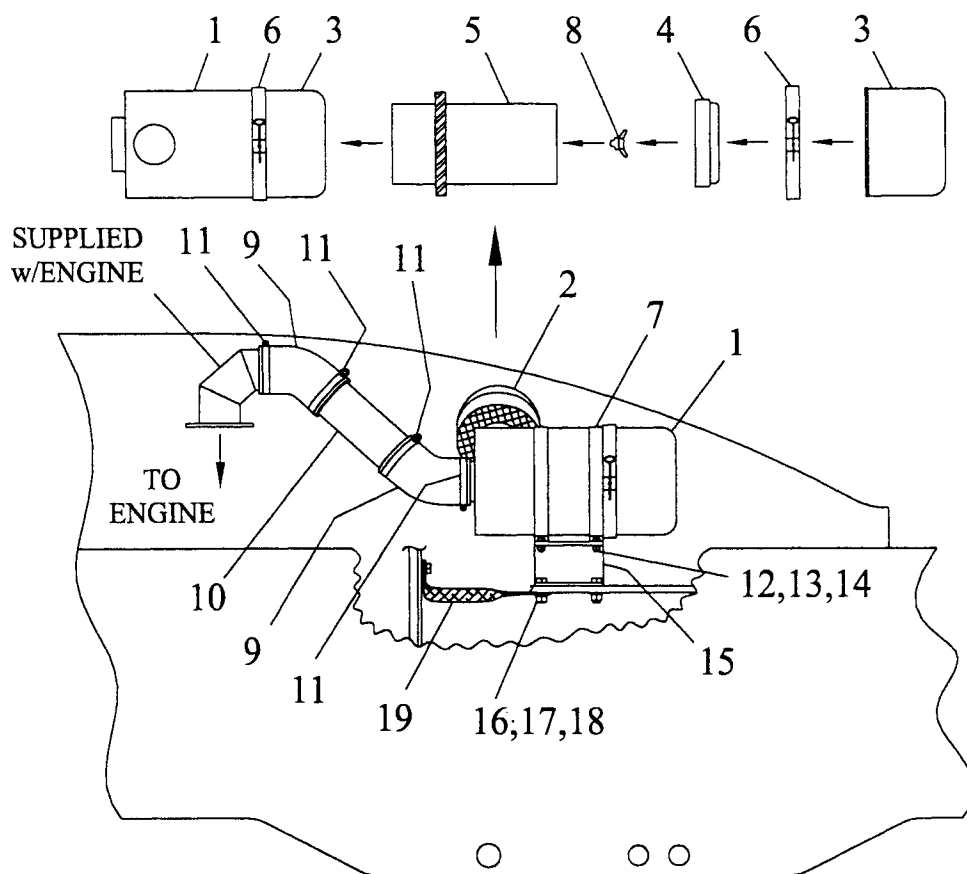
| ITEM | NUMBER    | DESCRIPTION                     | REQD |
|------|-----------|---------------------------------|------|
| 1    | 3-1080    | PEDAL / ACCELERATOR             | 1    |
| 2    | 7-266-02  | CABLE / ACCELERATOR             | 1    |
| 3    | 3-1380    | LINKAGE / ACCELERATOR           | 1    |
| 4    | 6-5204-08 | CAPSCREW 1/4 NC x 1 LG.         | 6    |
| 5    | 7-194-05  | YOKE w/ CLEVIS PIN & COTTER PIN | 1    |
| 6    | 6-6208-04 | JAM NUT 1/4-28 w/ CABLE         | REF  |
| 7    | 6-6306    | LUBE FITTING 1/4-28 STR.        | 2    |
| 8    | 6-5204-06 | CAPSCREW 1/4 NC x 3/4 LG.       | 2    |
| 9    | 6-6211-04 | LOCKWASHER 1/4                  | 8    |
| 10   | 7-194-06  | SHIM (AS REQ'D.)                | 2    |



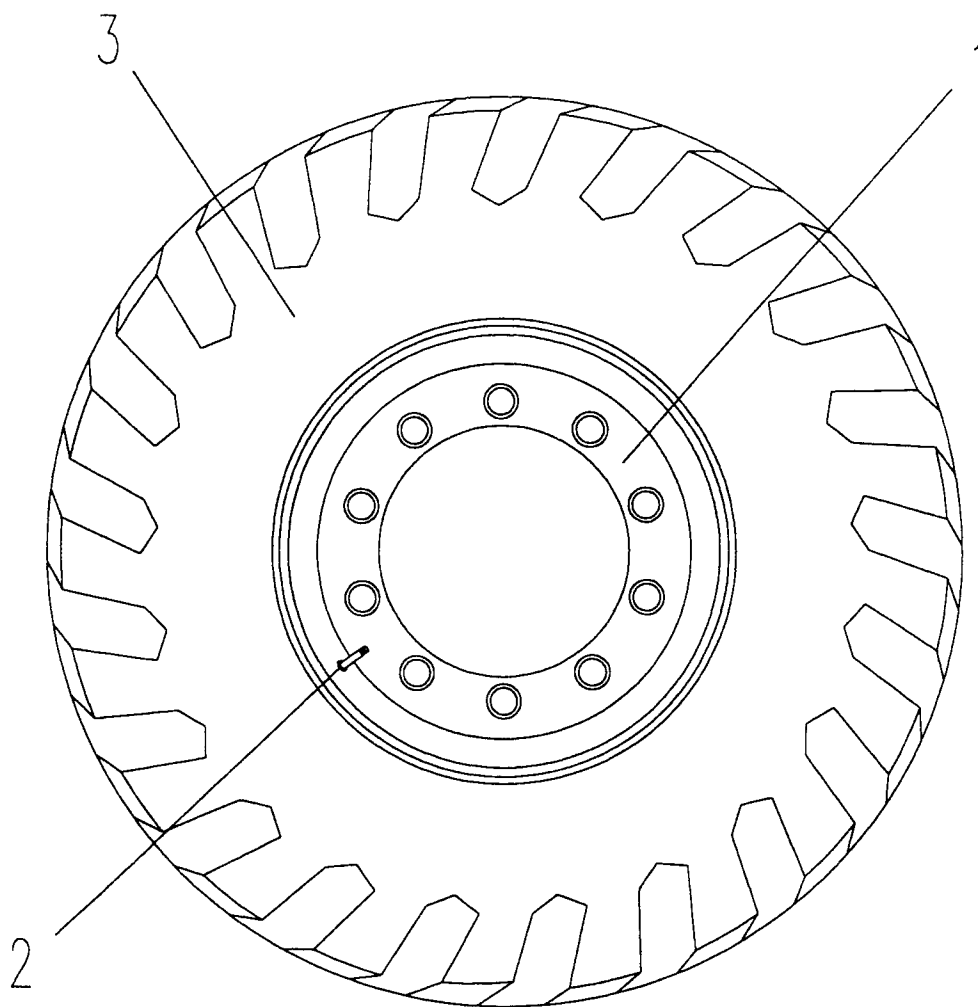
| ITEM | NUMBER     | DESCRIPTION                 | REQD |
|------|------------|-----------------------------|------|
| 1    | 4-1828     | ENGINE ENCLOSURE / REAR     | 1    |
| 2    | 4-1827     | ENGINE ENCLOSURE / FRONT    | 1    |
| 3    | 2-1194     | SLIDE / REAR HOUSING        | 2    |
| 4    | 7-194-59   | WEAR STRIP                  | 2    |
| 5    | 6-5205-08  | CAPSCREW 5/16 NC x 1 LG.    | 13   |
| 6    | 6-6201-05  | HEX NUT 5/16 NC             | 10   |
| 7    | 6-6211-05  | LOCKWASHER 5/16             | 13   |
| 8    | 6-6212-05  | FLATWASHER 5/16             | 13   |
| 9    | 7-360-01   | PLASTIC HOLDER              | 3    |
| 10   | 1-1214     | SPACER / BACKER TAB         | 4    |
| 11   | 6-5204-08  | CAPSCREW 1/4 NC x 1 LG.     | 4    |
| 12   | 6-6205-04  | SELF LOCKING NUT 1/4 NC     | 9    |
| 13   | 7-360-02   | LATCH / RUBBER              | 3    |
| 14   | 6-5204-16  | CAPSCREW 1/4 NC x 2 LG.     | 2    |
| 15   | 6-6212-04  | FLATWASHER 1/4              | 5    |
| 16   | 6-5204-10  | CAPSCREW 1/4 NC x 1 1/4 LG. | 3    |
| 17   | 6-9601-320 | EDGING 1/4 x 40 LG.         | 1    |



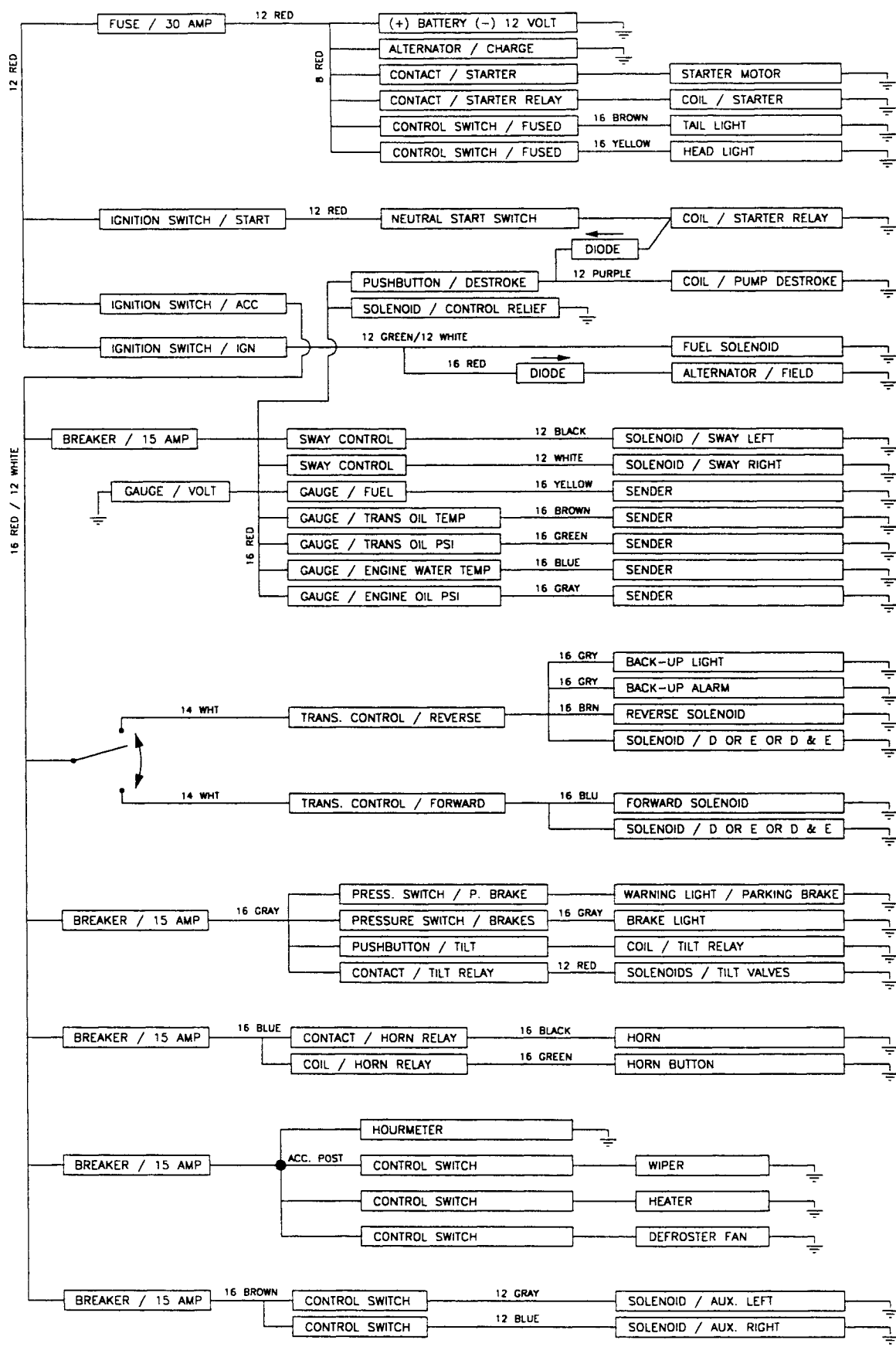
| ITEM | NUMBER    | DESCRIPTION                     | REQD |
|------|-----------|---------------------------------|------|
| 1    | 7-363-01  | MUFFLER                         | 1    |
| 2    | 4-1884    | EXHAUST PIPE                    | 1    |
| 3    | 2-1207    | TAILPIPE                        | 1    |
| 4    | 1-1216    | CLAMP BASE / EXHAUST BRACKET    | 1    |
| 5    | 2-1170    | CLAMP BRACKET / EXHAUST / 2 1/2 | 2    |
| 6    | 1-1173    | FLEX JOINT / EXHAUST BRACKET    | 2    |
| 7    | 6-5204-08 | CAPSCREW 1/4 NC x 1 LG.         | 8    |
| 8    | 6-6205-04 | SELF LOCKING NUT 1/4 NC         | 8    |
| 9    | 6-6212-04 | FLATWASHER 1/4                  | 8    |
| 10   | 6-5206-08 | CAPSCREW 3/8 NC x 1 LG.         | 6    |
| 11   | 6-6211-06 | LOCKWASHER 3/8                  | 8    |
| 12   | 6-6212-06 | FLATWASHER 3/8                  | 4    |
| 13   | 1-1174    | CLAMP BASE / EXHAUST BRACKET    | 2    |
| 14   | 6-5206-12 | CAPSCREW 3/8 NC x 1 1/2 LG.     | 2    |
| 15   | 7-284-03  | MUFFLER CLAMP / 2 1/2           | 1    |
| 16   | 6-6201-06 | HEX NUT 3/8 NC                  | 4    |
| 17   | 7-343-31  | GASKET / EXHAUST FLANGE         | REF  |
| 18   | 3-1378    | BRACKET / EXHAUST               | 1    |
| 19   | 6-5205-08 | CAPSCREW 5/16 NC x 1 LG.        | 2    |
| 20   | 6-6211-05 | LOCKWASHER 5/16                 | 2    |
| 21   | 6-6212-05 | FLATWASHER 5/16                 | 3    |
| 22   | 6-6201-05 | HEX NUT 5/16 NC                 | 2    |

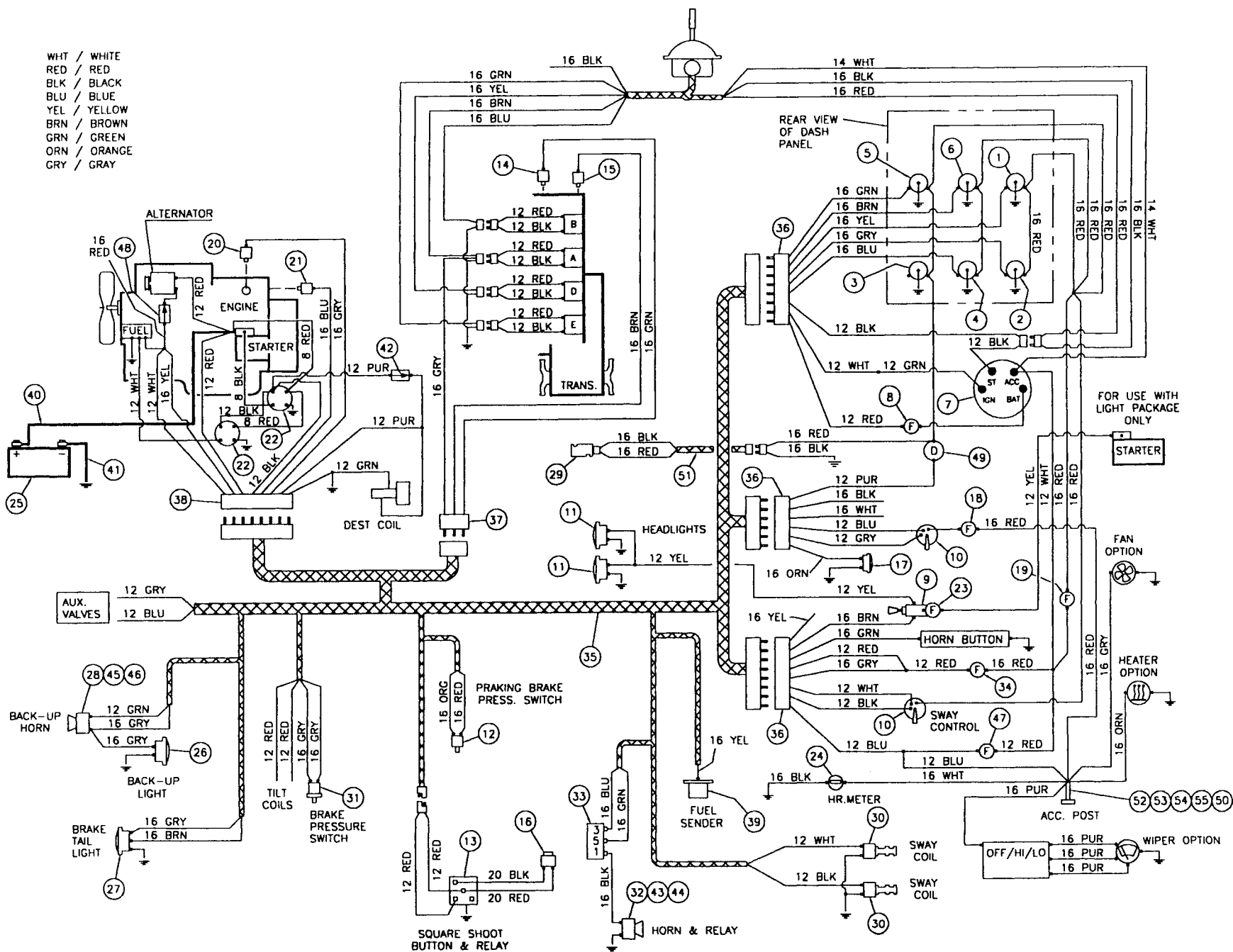


| ITEM | NUMBER    | DESCRIPTION                 | REQD |
|------|-----------|-----------------------------|------|
| 1    | 7-135-01  | AIR CLEANER ASSEMBLY        | 1    |
| 2    | 7-135-03  | HOOD                        | 1    |
| 3    | 7-135-10  | CUP ASSEMBLY                | REF  |
| 4    | 7-135-09  | BAFFLE ASSEMBLY             | REF  |
| 5    | 7-135-07  | ELEMENT ASSEMBLY            | REF  |
| 6    | 7-135-08  | CLAMP ASSEMBLY / BODY       | REF  |
| 7    | 7-135-02  | MOUNTING BAND               | 2    |
| 8    | 7-135-11  | THUMB SCREW                 | REF  |
| 9    | 7-135-23  | RUBBER ELBOW 3 ID x 45      | 2    |
| 10   | 2-1199    | TUBE                        | 1    |
| 11   | 6-6252-13 | CLAMP / WORM                | 4    |
| 12   | 6-5205-06 | CAPSCREW 5/16 NC x 3/4 LG.  | 4    |
| 13   | 6-6201-05 | HEX NUT 5/16 NC             | 4    |
| 14   | 6-6211-05 | LOCKWASHER 5/16             | 4    |
| 15   | 3-1364    | MOUNT / AIR CLEANER         | 1    |
| 16   | 6-5208-12 | CAPSCREW 1/2 NC x 1 1/2 LG. | 2    |
| 17   | 6-6211-08 | LOCKWASHER 1/2              | 2    |
| 18   | 6-6201-08 | HEX NUT 1/2 NC              | 2    |
| 19   | 7-319-17  | GROUND STRAP / ENGINE       | 1    |



| ITEM | NUMBER   | DESCRIPTION                    | REQD |
|------|----------|--------------------------------|------|
| 1    | 7-335-07 | WHEEL                          | 1    |
| 2    | 7-286-01 | VALVE STEM / AIR-CHLORIDE-FOAM | 1    |
| 3    | 7-335-05 | TIRE                           | 1    |
| 4    | 7-335-08 | TIRE & WHEEL ASSY / RH         | REF  |
| 5    | 7-335-09 | TIRE & WHEEL ASSY / LH         | REF  |

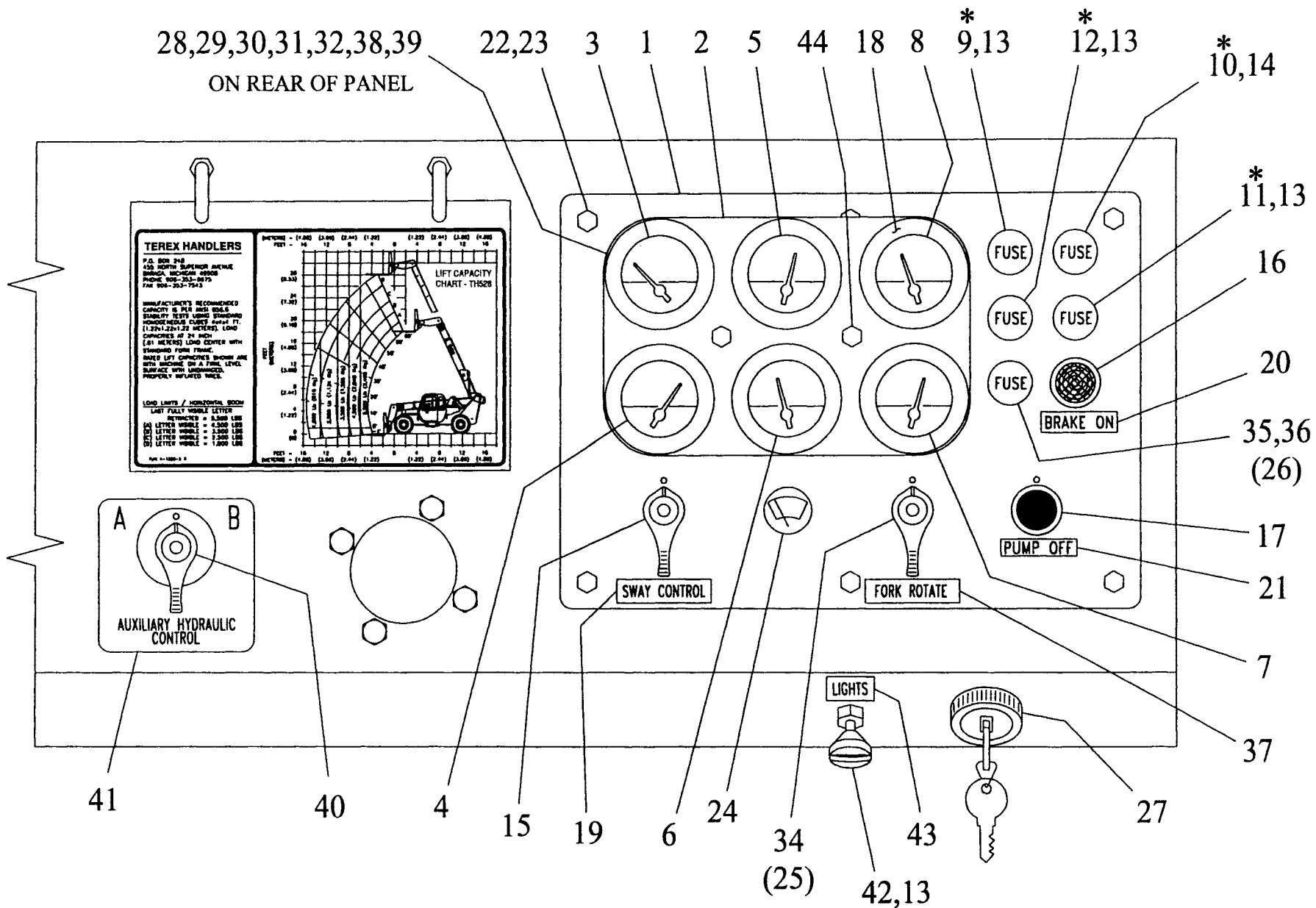




| ITEM | NUMBER      | DESCRIPTION                      | REQD |
|------|-------------|----------------------------------|------|
| 1    | 7-172-02    | GAGE / FUEL                      | REF  |
| 2    | 7-172-04    | GAGE / ENGINE OIL PRESSURE       | REF  |
| 3    | 7-172-10    | GAGE / VOLTMETER                 | REF  |
| 4    | 7-172-08    | GAGE / ENGINE WATER TEMP.        | REF  |
| 5    | 7-172-11    | GAGE / TRANSMISSION OIL PRESSURE | REF  |
| 6    | 7-172-06    | GAGE / TRANSMISSION OIL TEMP.    | REF  |
| 7    | 7-127-10    | SWITCH / IGNITION / KEY          | REF  |
| 8    | 7-268-01    | FUSE HOLDER / MAIN / IGNITION    | REF  |
| 9    | 7-319-02    | SWITCH / HEADLIGHTS              | REF  |
| 10   | 7-127-04    | SWITCH / SWAY-ROTATE             | REF  |
| 11   | 7-338-01    | HEADLIGHT                        | REF  |
| 12   | 7-198-41    | PRESSURE SWITCH / PARKING BRAKE  | REF  |
| 13   | 7-206-07    | RELAY / SQUARE SHOOT             | 1    |
| 14   | 7-172-16    | SENDER / TRANS. OIL PRESSURE     | REF  |
| 15   | 7-172-17    | SENDER / TRANS. OIL TEMP.        | REF  |
| 16   | 7-345-84    | SWITCH / PUSHBUTTON / JOYSTICK   | REF  |
| 17   | 7-127-05    | LIGHT / WARNING                  | REF  |
| 18   | 7-268-01    | FUSE HOLDER / OPTIONAL / ROTATE  | REF  |
| 19   | 7-268-01    | FUSE HOLDER / GAGES / SWAY       | REF  |
| 20   | 7-172-05    | SENDER / ENGINE OIL PRESSURE     | REF  |
| 21   | 7-172-09    | SENDER / ENGINE WATER TEMP.      | REF  |
| 22   | 7-183-18    | RELAY / STARTER                  | REF  |
| 23   | 7-117-03    | FUSE / 20 AMP                    | REF  |
| 24   | 7-350-01    | HOURLMETER                       | 1    |
| 25   | 7-355-01    | BATTERY / 12 VOLT                | REF  |
| 26   | 7-136-02    | LIGHT / BACK-UP                  | REF  |
| 27   | 7-136-03    | LIGHT / TAIL-BRAKE               | REF  |
| 28   | 7-375-01    | BACK-UP ALARM                    | 1    |
| 29   | 7-244-50    | VALVE / CONTROLLER RELIEF        | REF  |
| 30   | 7-244-12    | COIL / SWAY CONTROL              | REF  |
| 31   | 7-206-03    | PRESSURE SWITCH / BRAKE LIGHT    | REF  |
| 32   | 7-369-01    | HORN                             | 1    |
| 33   | 7-206-04    | RELAY / HORN                     | 1    |
| 34   | 7-268-01    | FUSE HOLDER / SQ. SHOOT / BRAKE  | REF  |
| 35   | 4-1876      | HARNESS / MAIN POWER / VALVE     | 1    |
| 36   | 4-1886      | HARNESS / INSTRUMENT PANEL       | 1    |
| 37   | 4-1878      | HARNESS / TRANSMISSION           | 1    |
| 38   | 4-1877      | HARNESS / ENGINE                 | 1    |
| 39   | 7-172-03    | SENDER / FUEL                    | REF  |
| 40   | 6-7801-180B | BATTERY CABLE / RED / POSITIVE   | REF  |
| 41   | 6-7806-32B  | BATTERY CABLE / BLUE / NEGATIVE  | REF  |
| 42   | 7-281-01    | DIODE / PUMP DESTROKE            | REF  |
| 43   | 6-5204-04   | CAPSCREW 1/4 NC x 1/2 LG.        | 1    |
| 44   | 6-6211-04   | LOCKWASHER 1/4                   | 1    |
| 45   | 6-5205-04   | CAPSCREW 5/16 NC x 1/2 LG.       | 2    |
| 46   | 6-6211-05   | LOCKWASHER 5/16                  | 2    |
| 47   | 7-268-01    | FUSE HOLDER / HORN               | REF  |
| 48   | 7-281-01    | DIODE / ALTERNATOR               | REF  |
| 49   | 7-319-03    | PUSHBUTTON / PUMP DESTROKE       | REF  |
| 50   | 6-6286-07   | LOCKWASHER #10                   | 2    |

| ITEM | NUMBER    | DESCRIPTION                    | REQD |
|------|-----------|--------------------------------|------|
| 51   | 1-1261    | HARNESS / CONTROLLER RELIEF    | 1    |
| 52   | 7-269-107 | JUNCTION STUD                  | 1    |
| 53   | 6-6284-07 | MACHINE SCREW #10-32 x 1/2 LG. | 2    |
| 54   | 6-6286-06 | HEX NUT #10-32                 | 2    |
| 55   | 6-6201-06 | HEX NUT 3/8 NC                 | 1    |

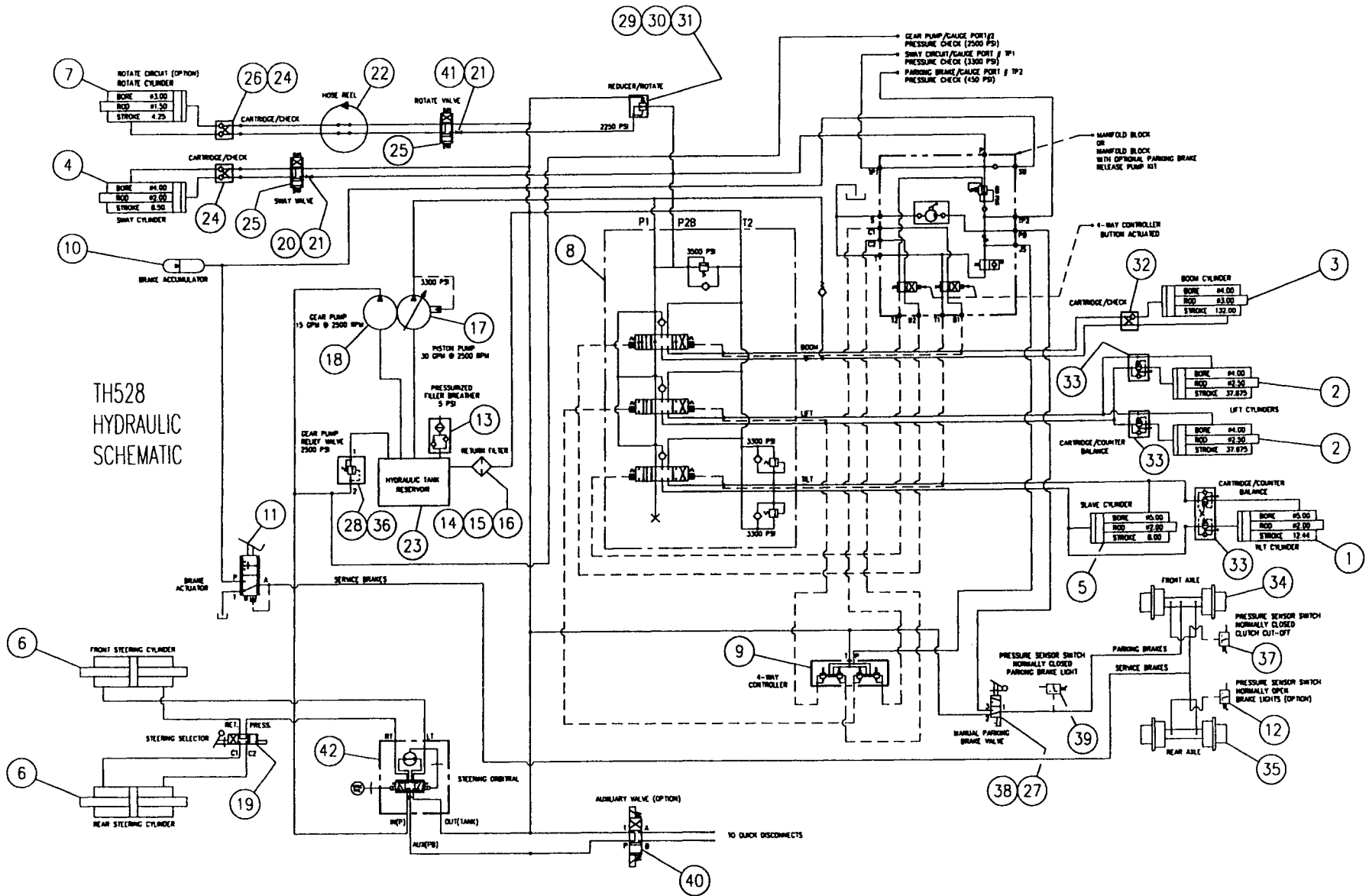
## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



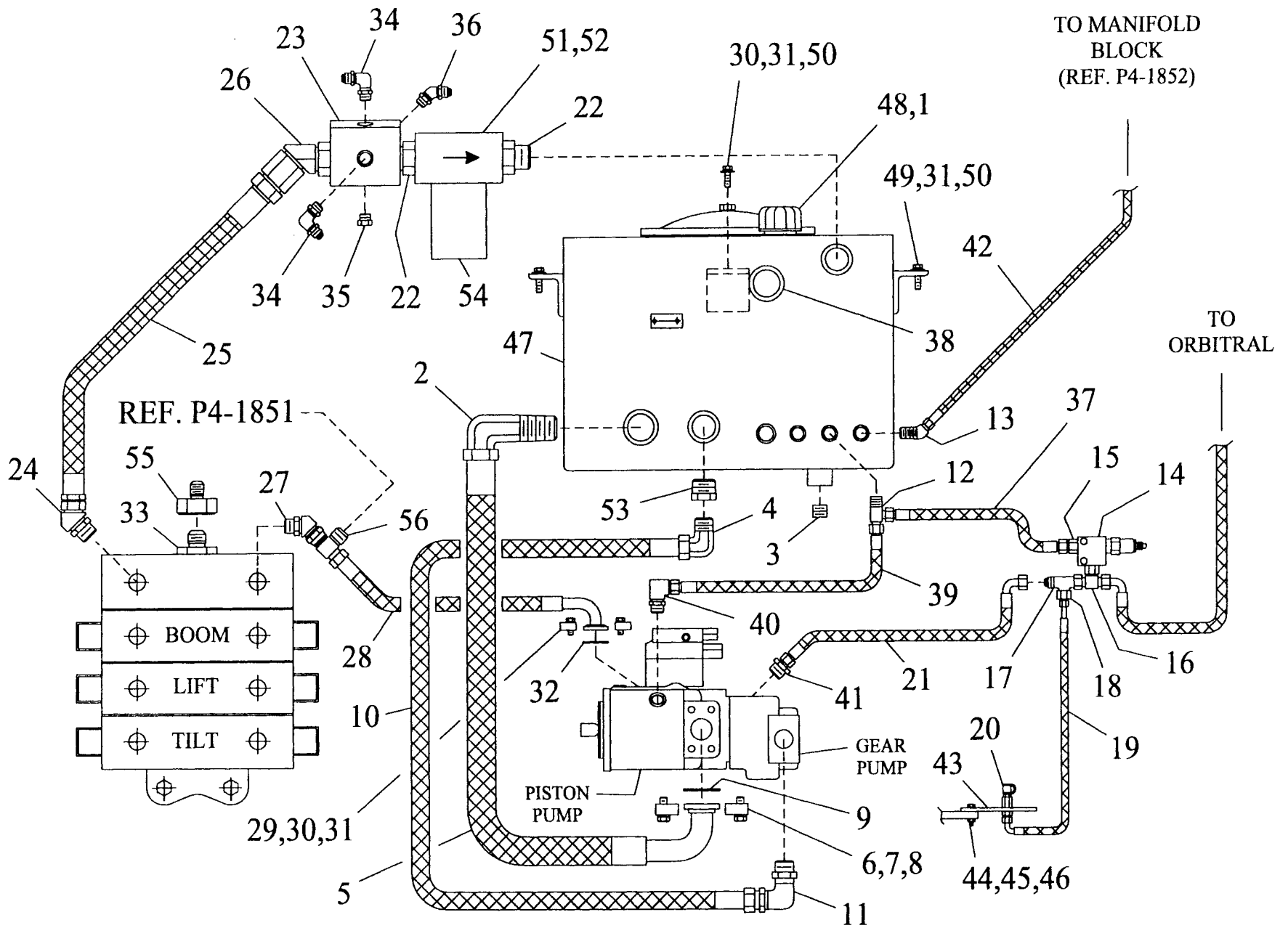
"( )" DENOTES A STANDARD ITEM

" \* " CONSISTS OF ONE ITEM #33 - FUSE HOLDER w/PLUG

| ITEM | NUMBER    | DESCRIPTION                          | REQD |
|------|-----------|--------------------------------------|------|
| 1    | 3-1226    | INSTRUMENT PANEL                     | 1    |
| 2    | 2-1062    | GAGE COVER                           | 1    |
| 3    | 7-172-02  | GAGE / FUEL                          | 1    |
| 4    | 7-172-04  | GAGE / ENGINE OIL PRESSURE           | 1    |
| 5    | 7-172-06  | GAGE / TRANS. OIL TEMP.              | 1    |
| 6    | 7-172-08  | GAGE / ENGINE WATER TEMP.            | 1    |
| 7    | 7-172-10  | GAGE / VOLTMETER                     | 1    |
| 8    | 7-172-11  | GAGE / TRANS. OIL PRESSURE           | 1    |
| 9    | 7-268-01  | HOLDER / JOYSTICK RELAY / BRK. LIGHT | 1    |
| 10   | 7-268-01  | HOLDER / MAIN POWER / IGNITION       | 1    |
| 11   | 7-268-01  | HOLDER / HORN                        | 1    |
| 12   | 7-268-01  | HOLDER / GAGES / SWAY                | 1    |
| 13   | 7-117-01  | FUSE / 15 AMP.                       | 3    |
| 14   | 7-117-02  | FUSE / 30 AMP.                       | 1    |
| 15   | 7-127-04  | SWITCH / SWAY CONTROL                | 1    |
| 16   | 7-127-05  | LIGHT / WARNING                      | 1    |
| 17   | 7-319-03  | SWITCH / PUSHBUTTON                  | 1    |
| 18   | 1-2006    | SEAL RING / GAGE                     | 6    |
| 19   | 3-1228-1  | DECAL / SWAY CONTROL                 | 1    |
| 20   | 3-1228-2  | DECAL / BRAKE-ON                     | 1    |
| 21   | 3-1228-3  | DECAL / PUMP-OFF                     | 1    |
| 22   | 6-6211-04 | LOCKWASHER 1/4                       | 6    |
| 23   | 6-5204-04 | CAPSCREW 1/4 NC x 1/2 LG.            | 5    |
| 24   | 7-293-01  | SWITCH / WINDSHIELD WIPER            | 1    |
| 25   | 7-194-13  | PLUG BUTTON 3/8                      | 1    |
| 26   | 7-194-29  | PLUG BUTTON 5/8                      | 1    |
| 27   | 7-127-10  | SWITCH / IGNITION KEY                | 1    |
| 28   | 1-1088    | MOUNT                                | 1    |
| 29   | 7-269-60  | PLASTIC CLAMP                        | 1    |
| 30   | 6-6284-07 | MACHINE SCREW #10-32 x 1/2 LG.       | 2    |
| 31   | 6-6286-06 | HEX NUT #10-32                       | 2    |
| 32   | 6-6286-02 | HEX NUT #8-32 SS                     | 2    |
| 33   | 1-2031    | FUSE HOLDER w/PLUG (UNIVERSAL)       | REF  |
| 34   | 7-127-04  | SWITCH / FORK ROTATE                 | REF  |
| 35   | 7-268-01  | HOLDER / OPTION                      | REF  |
| 36   | 7-117-01  | FUSE / 15 AMP                        | REF  |
| 37   | 3-1228-4  | DECAL / FORK ROTATE                  | REF  |
| 38   | 6-5204-08 | CAPSCREW 1/4 NC x 1 LG.              | 1    |
| 39   | 6-6201-04 | HEX NUT 1/4 NC                       | 1    |
| 40   | 7-127-04  | SWITCH / AUXILIARY HYDRAULICS        | REF  |
| 41   | 2-1213    | DECAL / AUXILIARY HYDRAULICS         | REF  |
| 42   | 7-127-12  | SWITCH / HEADLIGHT                   | REF  |
| 43   | 1-1149    | DECAL / LIGHTS                       | REF  |
| 44   | 6-5204-06 | CAPSCREW 1/4 NC x 3/4 LG             | 2    |



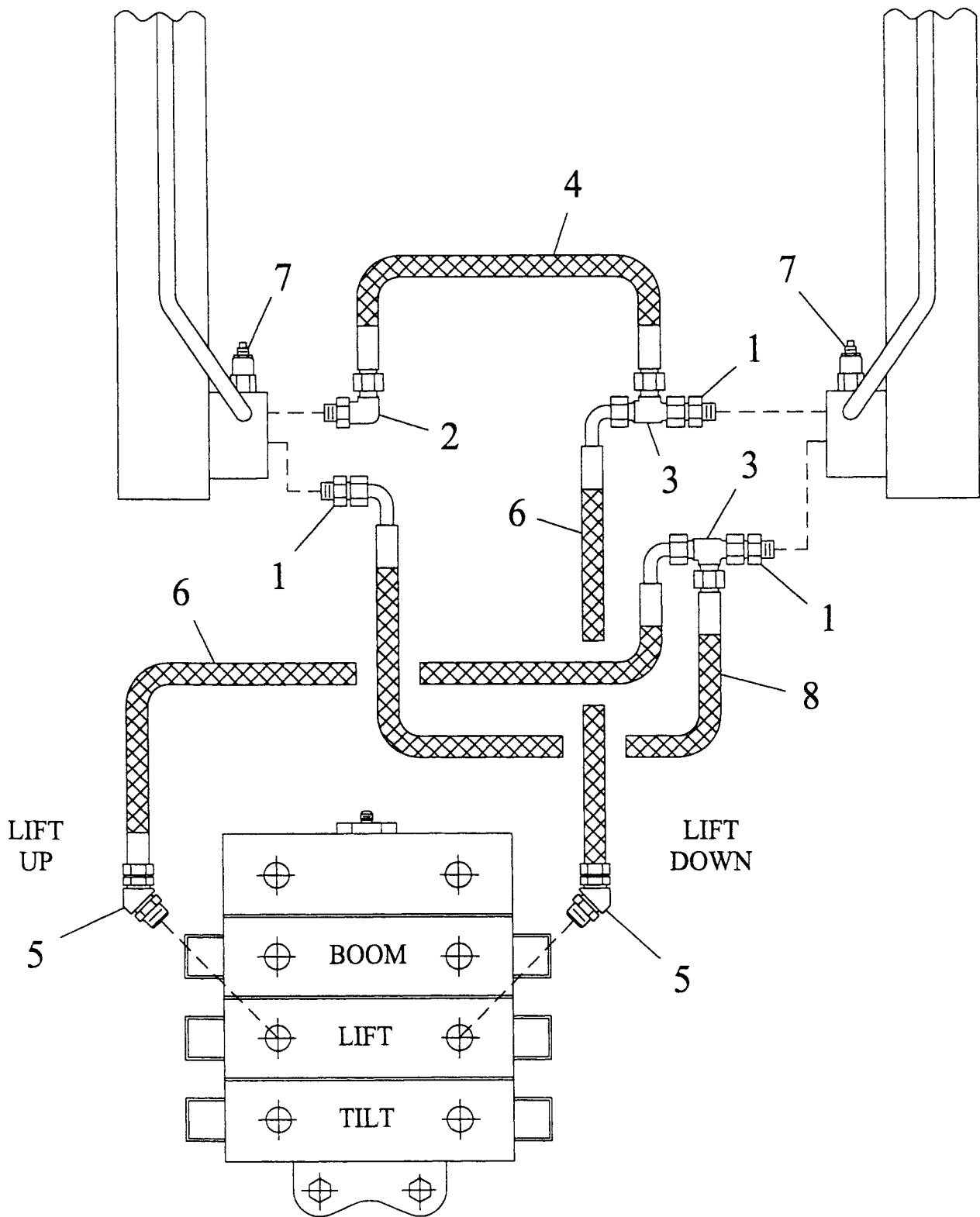
| ITEM | NUMBER    | DESCRIPTION                        | REQD |
|------|-----------|------------------------------------|------|
| 1    | 7-316-192 | CYLINDER / TILT                    | REF  |
| 2    | 7-316-195 | CYLINDER / LIFT (2)                | REF  |
| 3    | 7-316-191 | CYLINDER / BOOM                    | REF  |
| 4    | 7-316-194 | CYLINDER / SWAY                    | REF  |
| 5    | 7-316-193 | CYLINDER / SLAVE                   | REF  |
| 6    | 7-368-11  | CYLINDER / STEERING (2)            | REF  |
| 7    | 7-379-01  | CYLINDER / ROTATE                  | REF  |
| 8    | 7-370-02  | VALVE ASSEMBLY / 3 SECTION         | REF  |
| 9    | 7-358-03  | CONTROLLER / 4-WAY                 | REF  |
| 10   | 7-256-25  | ACCUMULATOR / BRAKE                | REF  |
| 11   | 7-198-39  | ACTUATOR / BRAKE                   | REF  |
| 12   | 7-206-03  | PRESSURE SWITCH / BRAKE LIGHTS     | REF  |
| 13   | 7-354-01  | FILLER / BREATHER / PRESSURIZED    | REF  |
| 14   | 7-256-23  | FILTER / RETURN                    | REF  |
| 15   | 7-272-10  | GAGE / RETURN FILTER               | REF  |
| 16   | 7-256-05  | ELEMENT / RETURN FILTER            | REF  |
| 17   | 7-345-56  | PUMP / PISTON / 30 GPM             | REF  |
| 18   | 7-345-57  | PUMP / GEAR / 15 GPM               | REF  |
| 19   | 7-359-02  | SELECTOR VALVE / STEERING          | REF  |
| 20   | 1-1219    | RESTRICTOR FITTING                 | REF  |
| 21   | 1-1093-1  | RESTRICTOR PLUG (.040)             | REF  |
| 22   | 7-292-01  | HOSE REEL / RH / ROTATE            | REF  |
| 23   | 4-1823    | OIL RESERVOIR                      | REF  |
| 24   | 7-234-18  | CARTRIDGE / CHECK (2)              | REF  |
| 25   | 7-244-31  | VALVE / ELECTRIC 4-WAY (2)         | REF  |
| 26   | 7-234-35  | VALVE / CHECK                      | REF  |
| 27   | 7-356-13  | CARTRIDGE / PARKING BRAKE VALVE    | REF  |
| 28   | 7-356-01  | VALVE / RELIEF / GEAR PUMP         | REF  |
| 29   | 7-234-86  | VALVE / REDUCING                   | REF  |
| 30   | 7-234-85  | VALVE BODY / for REDUCING VALVE    | REF  |
| 31   | 7-234-15  | CARTRIDGE / for REDUCING VALVE     | REF  |
| 32   | 7-234-55  | CARTRIDGE / CHECK                  | REF  |
| 33   | 7-234-53  | CARTRIDGE / COUNTER BALANCE (4)    | REF  |
| 34   | 7-368-02  | AXLE ASSEMBLY / FRONT              | REF  |
| 35   | 7-368-01  | AXLE ASSEMBLY / REAR               | REF  |
| 36   | 7-356-11  | CARTRIDGE / RELIEF / GEAR PUMP     | REF  |
| 37   | 7-303-02  | PRESSURE SWITCH / CLUTCH CUT-OFF   | REF  |
| 38   | 7-356-02  | VALVE / MANUAL PARKING BRAKE       | REF  |
| 39   | 7-198-41  | PRESSURE SWITCH / PARKING BRK. LT. | REF  |
| 40   | 7-366-01  | VALVE ASSY / AUXILIARY HYDRAULICS  | REF  |
| 41   | 1-1221    | RESTRICTOR FITTING / 90            | REF  |
| 42   | 7-256-30  | ORBITRAL / STEERING                | REF  |



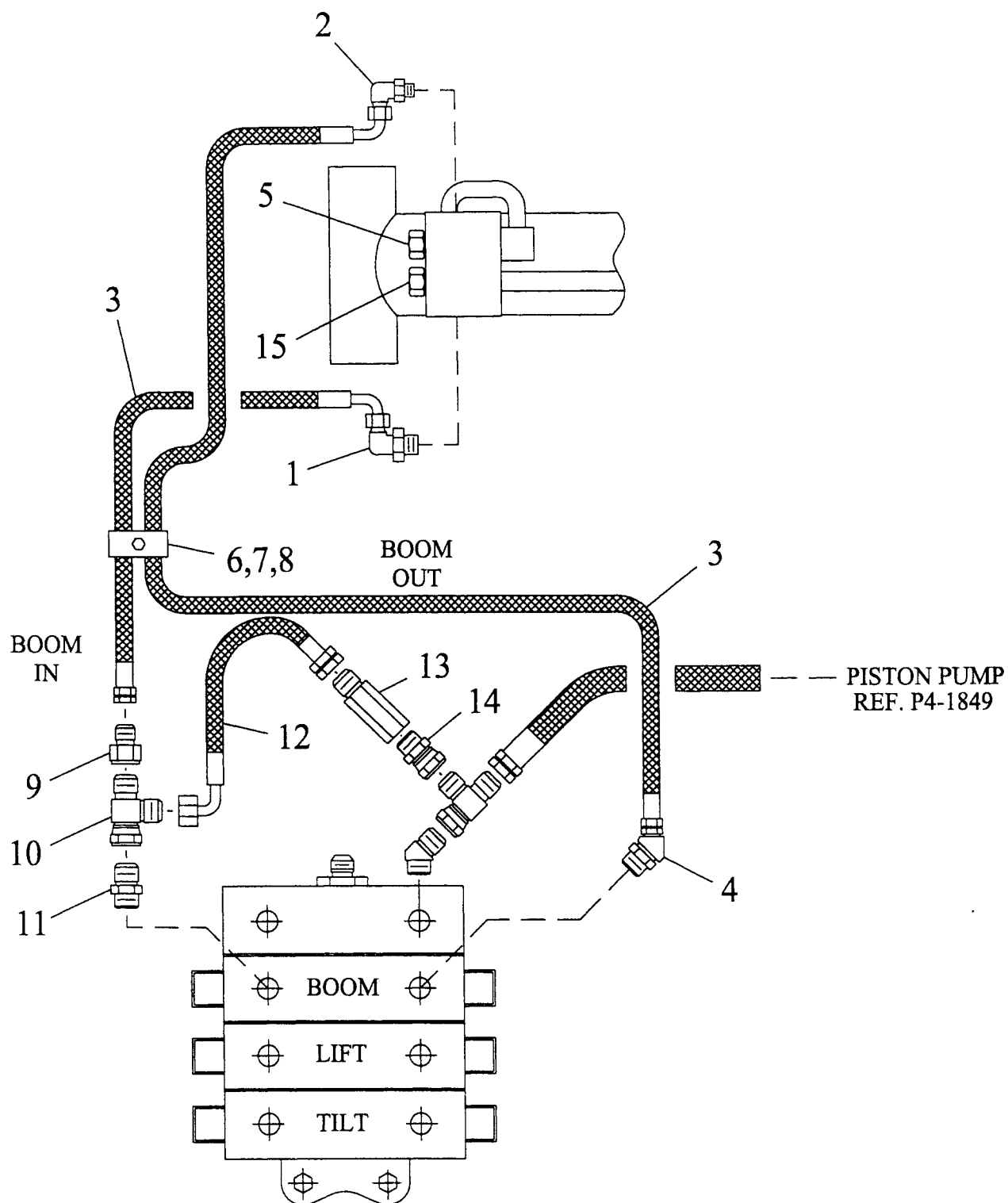
| ITEM | NUMBER     | DESCRIPTION                       | REQD |
|------|------------|-----------------------------------|------|
| 1    | 6-6284-07  | MACHINE SCREW #10-32 x 1/2 LG.    | 6    |
| 2    | 6-6428-13  | FITTING / 24 NPT x 24 JIC 90 LONG | 1    |
| 3    | 6-6408-07  | FITTING / 16 NPT HOLLOW HEX PLUG  | 1    |
| 4    | 6-6427-21  | FITTING / 16 NPT x 16 JIC 90      | 1    |
| 5    | 6-7190-84  | HOSE / 24 x 24-90 SF x 42 LG.     | 1    |
| 6    | 7-107-04   | SPLIT FLANGE / 1 1/2 / HALF ONLY  | 2    |
| 7    | 6-5208-10  | CAPSCREW 1/2 NC x 1 1/4 LG.       | 4    |
| 8    | 6-6214-08  | LOCKWASHER 1/2 HI-COLLAR          | REF  |
| 9    | 7-209-121  | O-RING / 1 1/2 SPLIT FLANGE       | 1    |
| 10   | 6-7008-43  | HOSE / 16 x 16 x 21 1/2 LG.       | 1    |
| 11   | 6-6453-19  | FITTING / 16 OR x 16 JIC 90       | 1    |
| 12   | 6-6432-15  | FITTING / 08 NPT x 08 JIC RN-TEE  | 1    |
| 13   | 6-6426-10  | FITTING / 08 NPT x 06 JIC 45      | 1    |
| 14   | 7-356-01   | RELIEF VALVE / GEAR PUMP          | 1    |
| 15   | 6-6450-12  | FITTING / 08 OR x 08 JIC STR.     | 1    |
| 16   | 6-6454-06  | FITTING / 08 OR x 08 JIC BR-TEE   | 1    |
| 17   | 6-6481-06  | FITTING / 08 JIC SW-RN-TEE        | 1    |
| 18   | 6-6495-01  | FITTING / 08 JIC x 04 JIC REDUCER | 1    |
| 19   | 6-7022-172 | HOSE / 04 x 04-90 x 86 LG.        | 1    |
| 20   | 7-256-27   | MALE PRESSURE CHECK               | 1    |
| 21   | 6-7024-60  | HOSE / 08 x 08-90 x 30 LG.        | 1    |
| 22   | 6-6436-01  | FITTING / 20 OR x 20 NPT STR.     | 2    |
| 23   | 3-1376     | MANIFOLD BLOCK                    | 1    |
| 24   | 6-6452-10  | FITTING / 16 OR x 16 JIC 45       | 1    |
| 25   | 6-7008-146 | HOSE / 16 x 16 x 73 LG.           | 1    |
| 26   | 6-6452-21  | FITTING / 20 OR x 16 JIC 45       | 1    |
| 27   | 6-6452-08  | FITTING / 12 OR x 12 JIC 45       | 1    |
| 28   | 6-7156-188 | HOSE / 12 x 16-90 SF x 94 LG.     | 1    |
| 29   | 7-158-36   | SPLIT FLANGE / 1 IN. / HALF ONLY  | 2    |
| 30   | 6-5206-10  | CAPSCREW 3/8 NC x 1 1/4 LG.       | 5    |
| 31   | 6-6211-06  | LOCKWASHER 3/8                    | 7    |
| 32   | 7-209-67   | O-RING / 1 IN. SPLIT FLANGE       | 1    |
| 33   | 6-6450-33  | FITTING / 16 OR x 10 JIC STR.     | 1    |
| 34   | 6-6453-09  | FITTING / 08 OR x 08 JIC 90       | 2    |
| 35   | 6-6457-06  | FITTING / 08 OR HEX HEAD PLUG     | 1    |
| 36   | 6-6452-04  | FITTING / 08 OR x 08 JIC 45       | 1    |
| 37   | 6-7004-70  | HOSE / 08 x 08 x 35 LG.           | 1    |
| 38   | 7-161-01   | SIGHT GAGE / OIL RESERVOIR        | 1    |
| 39   | 6-7014-88  | HOSE / 08 x 08 x 44 LG.           | 1    |
| 40   | 6-6453-12  | FITTING / 10 OR x 10 JIC 90       | 1    |
| 41   | 6-6450-14  | FITTING / 12 OR x 08 JIC STR.     | 1    |
| 42   | 6-7203-194 | HOSE / 06 x 06 x 97 LG.           | REF  |
| 43   | 1-1215     | MOUNT / PRESSURE CHECK PORT       | 1    |
| 44   | 6-5204-10  | CAPSCREW 1/4 NC x 1 1/4 LG.       | 2    |
| 45   | 6-6211-04  | LOCKWASHER 1/4                    | 2    |
| 46   | 6-6201-04  | HEX NUT 1/4 NC                    | 2    |
| 47   | 4-1823     | HYDRAULIC OIL RESERVOIR           | 1    |
| 48   | 7-354-01   | CAP / FILLER-BREATHER             | 1    |
| 49   | 6-5206-12  | CAPSCREW 3/8 NC x 1 1/2 LG.       | 2    |
| 50   | 6-6212-06  | FLATWASHER 3/8                    | 3    |
| 51   | 7-256-23   | FILTER / RETURN                   | 1    |

| ITEM | NUMBER    | DESCRIPTION                       | REQD |
|------|-----------|-----------------------------------|------|
| 52   | 7-272-10  | GAGE / RETURN FILTER              | 1    |
| 53   | 6-6406-14 | FITTING / 20 NPT x 16 NPT REDUCER | 1    |
| 54   | 7-256-05  | ELEMENT / RETURN FILTER           | 1    |
| 55   | 6-6495-04 | FITTING / 10 JIC x 06 JIC REDUCER | 1    |
| 56   | 6-6481-08 | FITTING / 12 JIC SW-RN-TEE        | 1    |

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



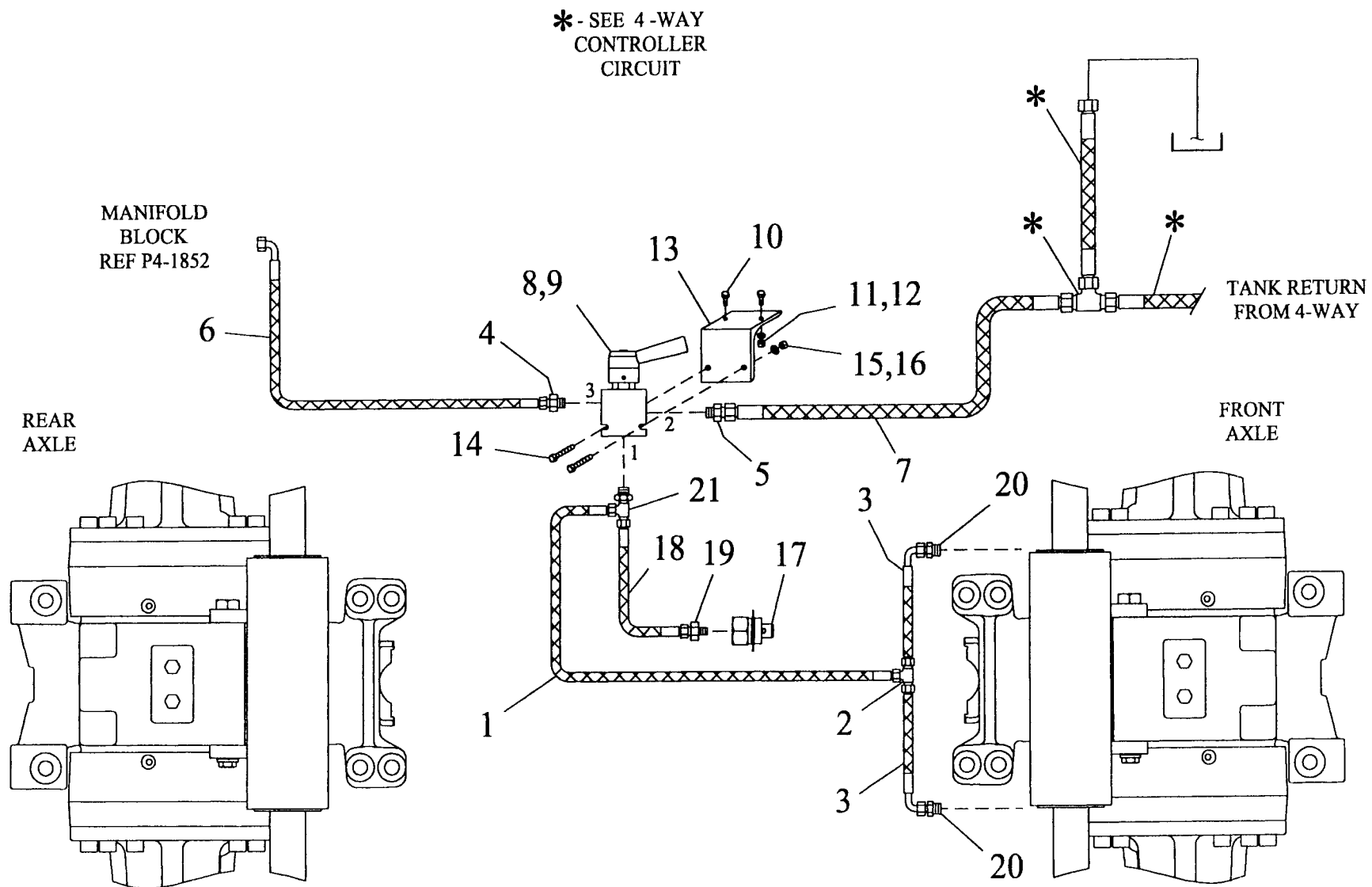
| ITEM | NUMBER     | DESCRIPTION                   | REQD |
|------|------------|-------------------------------|------|
| 1    | 6-6450-16  | FITTING / 10 OR x 10 JIC STR. | 3    |
| 2    | 6-6453-12  | FITTING / 10 OR x 10 JIC 90   | 1    |
| 3    | 6-6481-07  | FITTING / 10 JIC SW-RN-TEE    | 2    |
| 4    | 6-7005-44  | HOSE / 10 x 10 x 22 LG.       | 1    |
| 5    | 6-6452-17  | FITTING / 12 OR x 10 JIC 45   | 2    |
| 6    | 6-7025-136 | HOSE / 10 x 10-90 x 68 LG.    | 2    |
| 7    | 7-234-53   | CARTRIDGE / COUNTERBALANCE    | 2    |
| 8    | 6-7025-44  | HOSE / 10 x 10-90 x 22 LG.    | 1    |



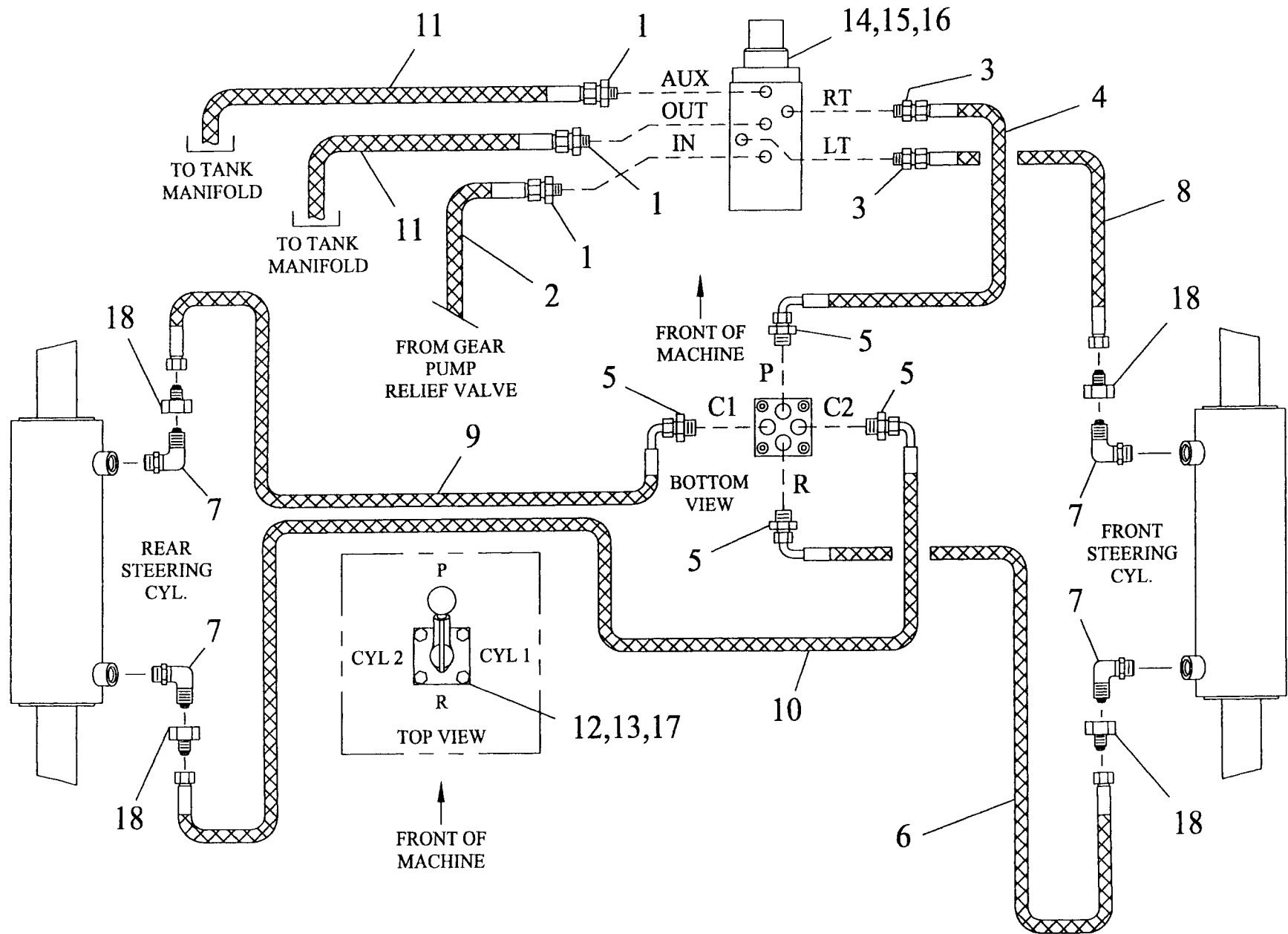
| ITEM | NUMBER     | DESCRIPTION                         | REQD |
|------|------------|-------------------------------------|------|
| 1    | 6-6453-10  | FITTING / 10 OR x 08 JIC 90         | 1    |
| 2    | 6-6453-10  | FITTING / 10 OR x 08 JIC 90         | 1    |
| 3    | 6-7044-190 | HOSE / 10 x 08-90 x 95 LG.          | 2    |
| 4    | 6-6452-17  | FITTING / 12 OR x 10 JIC 45         | 1    |
| 5    | 7-234-55   | CARTRIDGE / CHECK                   | 1    |
| 6    | 7-273-25   | CLAMP HALF SET / 1/2 TWIN HOSE      | 1    |
| 7    | 7-273-26   | COVER PLATE / 1/2 HOSE CLAMP        | 1    |
| 8    | 6-5205-14  | CAPSCREW 5/16 NC x 1 3/4 LG.        | 1    |
| 9    | 6-6495-05  | FITTING / 10 M. JIC x 12 F. JIC STR | 1    |
| 10   | 6-6481-08  | FITTING / 12 JIC SW-RN-TEE          | 1    |
| 11   | 7-372-03   | CHECK VALVE                         | 1    |
| 12   | 6-7026-50  | HOSE / 12 x 12-90 x 25 LG.          | 1    |
| 13   | 7-372-02   | CHECK VALVE                         | 1    |
| 14   | 6-6485-04  | FITTING / 12 OR x 12 F. JIC SW. STR | 1    |
| 15   | 7-234-89   | CAVITY PLUG                         | 1    |



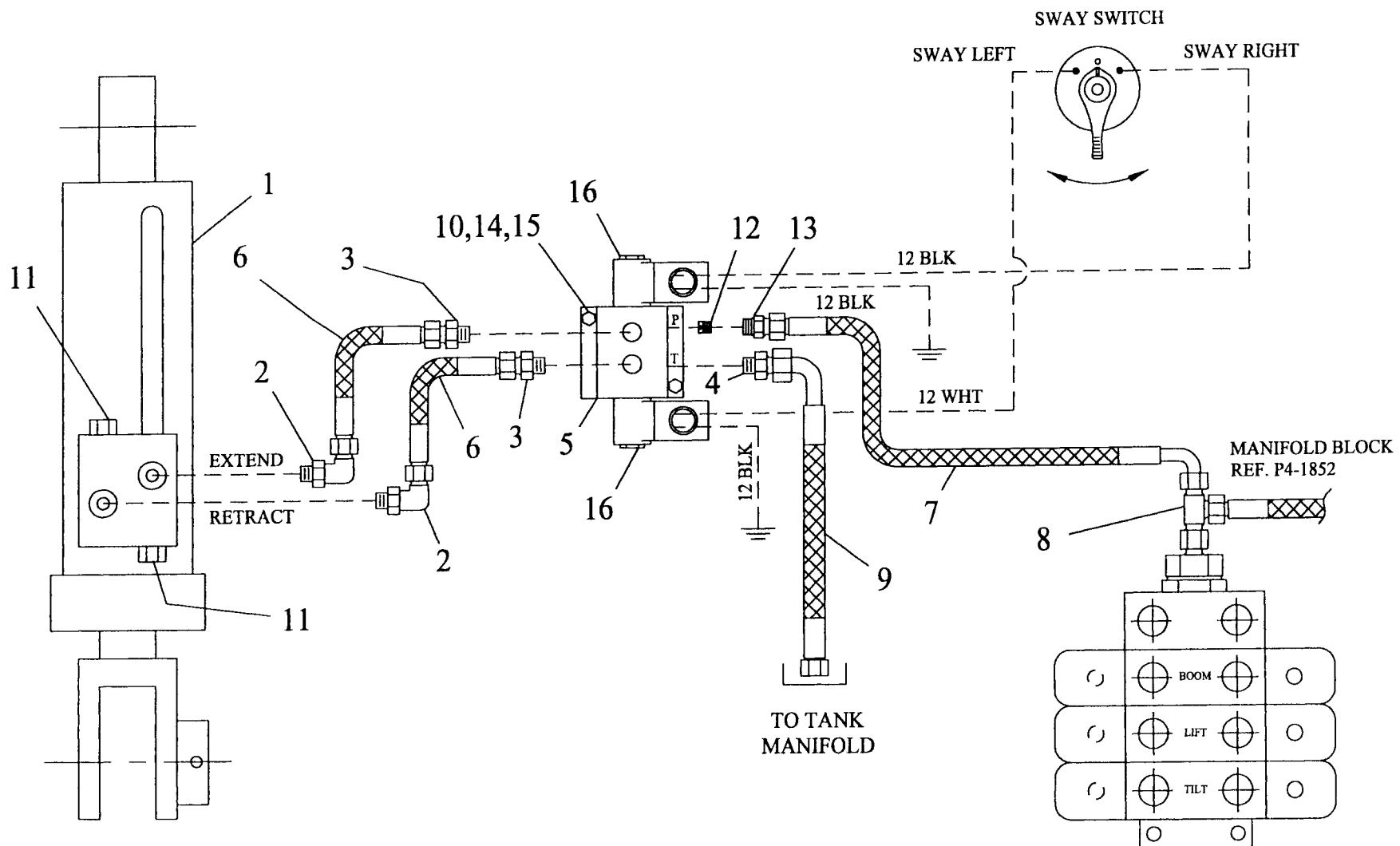
| ITEM | NUMBER     | DESCRIPTION                   | REQD |
|------|------------|-------------------------------|------|
| 1    | 7-358-03   | 4-WAY CONTROLLER              | 1    |
| 2    | 7-244-27   | DIN CONNECTOR                 | 3    |
| 3    | 6-6450-09  | FITTING / 08 OR x 06 JIC STR. | 1    |
| 4    | 6-7013-42  | HOSE / 06 x 08 x 21 LG.       | 1    |
| 5    | 6-6453-04  | FITTING / 06 OR x 04 JIC 90   | 3    |
| 6    | 6-6450-05  | FITTING / 06 OR x 04 JIC STR. | 16   |
| 7    | 6-6450-08  | FITTING / 06 OR x 06 JIC STR. | 1    |
| 8    | 6-6452-19  | FITTING / 06 OR x 04 JIC 45   | 2    |
| 9    | 6-7222-48  | HOSE / 04 x 04-90 x 24 LG.    | 2    |
| 10   | 6-7222-74  | HOSE / 04 x 04-90 x 37 LG.    | 2    |
| 11   | 7-370-02   | VALVE ASSEMBLY / 3 SECTION    | 1    |
| 12   | 7-358-06   | MANIFOLD BLOCK                | 1    |
| 13   | 6-6482-06  | FITTING / 08 JIC TEE          | 1    |
| 14   | 6-7222-216 | HOSE / 04 x 04-90 x 108 LG.   | 1    |
| 15   | 6-7202-182 | HOSE / 04 x 04 x 91 LG.       | 2    |
| 16   | 6-7203-194 | HOSE / 06 x 06 x 97 LG.       | 1    |
| 17   | 6-7222-182 | HOSE / 04 x 04-90 x 91 LG.    | 2    |
| 18   | 6-6201-04  | HEX NUT 1/4 NC                | 6    |
| 19   | 6-6211-08  | LOCKWASHER 1/2                | 4    |
| 20   | 6-5204-32  | CAPSCREW 1/4 NC x 4 LG.       | 2    |
| 21   | 6-6211-04  | LOCKWASHER 1/4                | 6    |
| 22   | 6-6212-04  | FLATWASHER 1/4                | 4    |
| 23   | 6-5208-14  | CAPSCREW 1/2 NC x 1 3/4 LG.   | 4    |
| 24   | 6-6201-08  | HEX NUT 1/2 NC                | 4    |
| 25   | 7-290-03   | CARRIAGE BOLT 1/4 NC x 1 LG.  | 4    |
| 26   | 7-256-33   | MALE PRESSURE CHECK           | 2    |
| 27   | 6-7133-128 | HOSE / 08 x 08 x 64 LG.       | 1    |
| 28   | 6-7042-44  | HOSE / 06 x 04-90 x 22 LG.    | 1    |



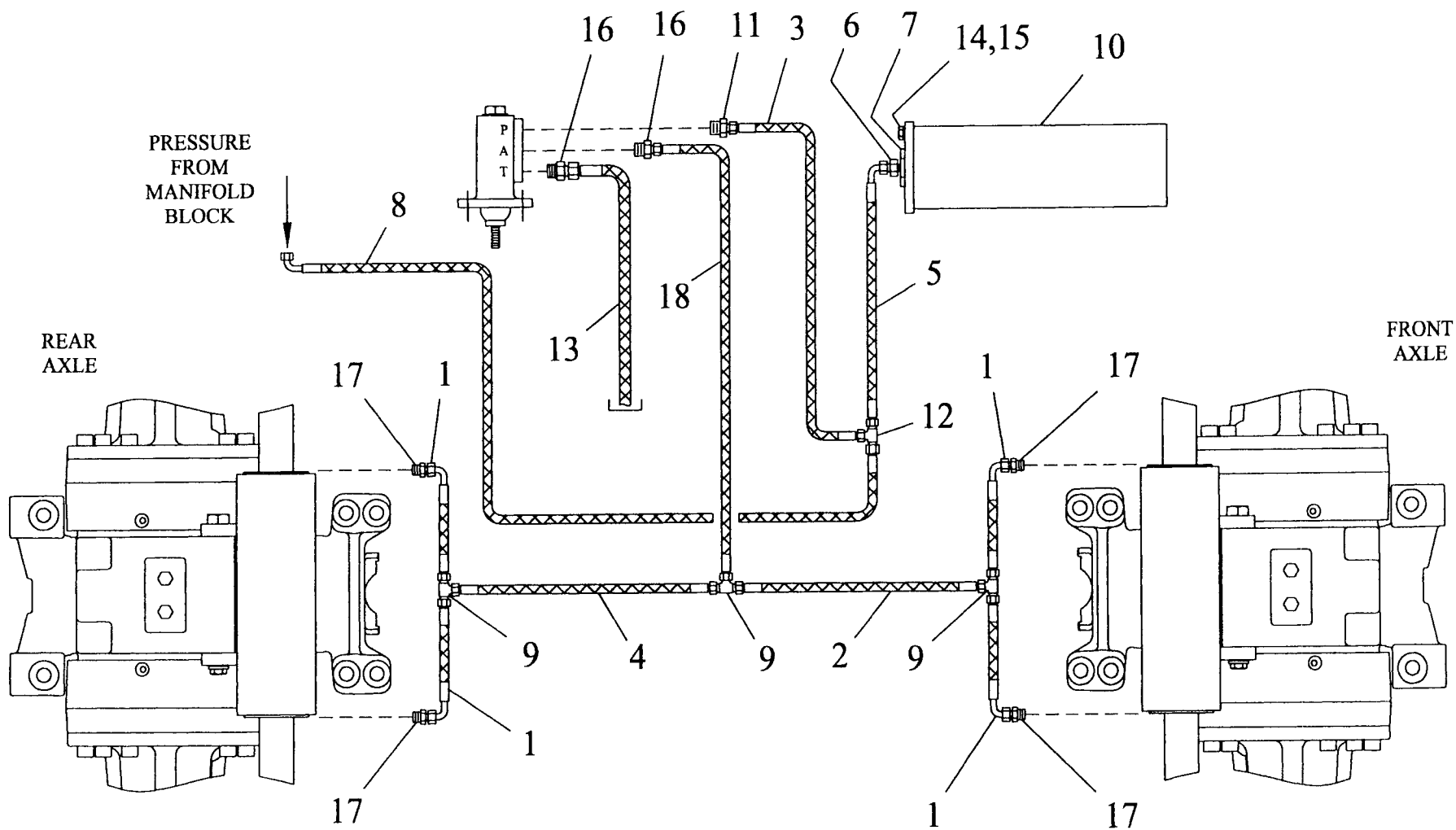
| ITEM | NUMBER     | DESCRIPTION                      | REQD |
|------|------------|----------------------------------|------|
| 1    | 6-7002-276 | HOSE / 04 x 04 x 138 LG.         | 1    |
| 2    | 6-6482-03  | FITTING / 04 JIC TEE             | 1    |
| 3    | 6-7022-44  | HOSE / 04 x 04-90 x 22 LG.       | 2    |
| 4    | 6-6450-05  | FITTING / 06 OR x 04 JIC STR.    | 1    |
| 5    | 6-6450-08  | FITTING / 06 OR x 06 JIC STR.    | 1    |
| 6    | 6-7222-196 | HOSE / 04 x 04-90 x 98 LG.       | 1    |
| 7    | 6-7013-60  | HOSE / 06 x 08 x 30 LG.          | 1    |
| 8    | 7-356-02   | VALVE / PARKING BRAKE            | 1    |
| 9    | 7-356-03   | HANDLE KIT / PARKING BRAKE VALVE | 1    |
| 10   | 6-5205-08  | CAPSCREW 5/16 NC x 1 LG.         | 2    |
| 11   | 6-6201-05  | HEX NUT 5/16 NC                  | 2    |
| 12   | 6-6211-05  | LOCKWASHER 5/16                  | 2    |
| 13   | 2-1205     | MOUNTING BRACKET / BRAKE VALVE   | 1    |
| 14   | 6-5204-16  | CAPSCREW 1/4 NC x 2 LG.          | 2    |
| 15   | 6-6201-04  | HEX NUT 1/4 NC                   | 2    |
| 16   | 6-6211-04  | LOCKWASHER 1/4                   | 2    |
| 17   | 7-198-41   | PRESSURE SWITCH / PARKING BRAKE  | 1    |
| 18   | 6-7002-17  | HOSE / 04 x 04 x 8 1/2 LG.       | 1    |
| 19   | 6-6425-03  | FITTING / 02 NPT x 04 JIC STR.   | 1    |
| 20   | 6-6450-03  | FITTING / 04 OR x 04 JIC STR.    | 2    |
| 21   | 6-6455-15  | FITTING / 06 OR x 04 JIC RN-TEE. | 1    |



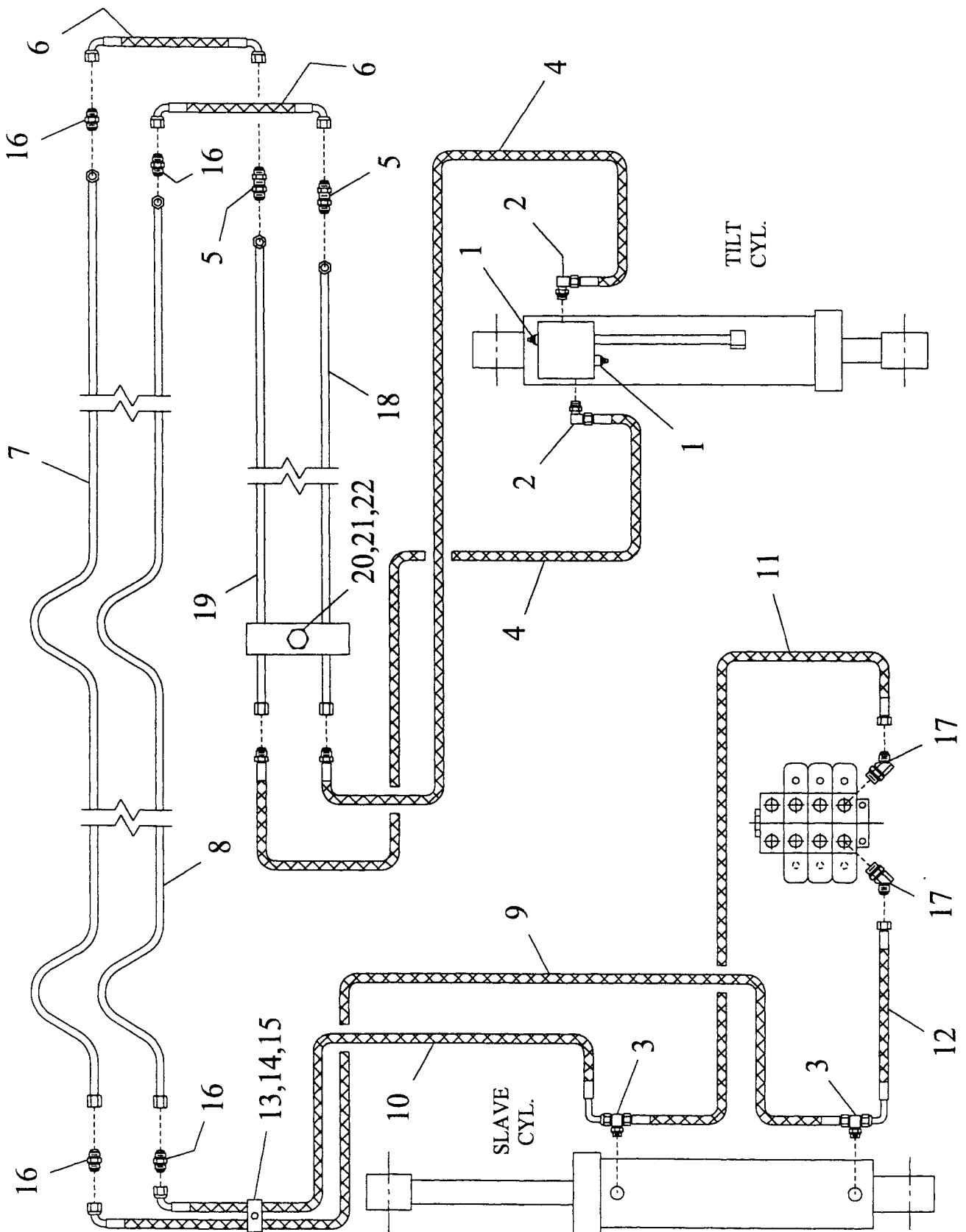
| ITEM | NUMBER     | DESCRIPTION                          | REQD |
|------|------------|--------------------------------------|------|
| 1    | 6-6450-11  | FITTING / 06 OR x 08 JIC STR.        | 3    |
| 2    | 6-7024-112 | HOSE / 08 x 08-90 x 56 LG.           | 1    |
| 3    | 6-6450-08  | FITTING / 06 OR x 06 JIC STR.        | 2    |
| 4    | 6-7023-62  | HOSE / 06 x 06-90 x 31 LG.           | 1    |
| 5    | 6-6450-09  | FITTING / 08 OR x 06 JIC STR.        | 4    |
| 6    | 6-7023-252 | HOSE / 06 x 06-90 x 126 LG.          | 1    |
| 7    | 7-371-02   | FITTING / 18mm OR x 08 JIC 90        | 4    |
| 8    | 6-7003-232 | HOSE / 06 x 06 x 116 LG.             | 1    |
| 9    | 6-7023-244 | HOSE / 06 x 06-90 x 122 LG.          | 1    |
| 10   | 6-7023-272 | HOSE / 06 x 06-90 x 136 LG.          | 1    |
| 11   | 6-7004-134 | HOSE / 08 x 08 x 67 LG.              | 2    |
| 12   | 6-5205-06  | CAPSCREW 5/16 NC x 3/4 LG.           | 4    |
| 13   | 6-6211-05  | LOCKWASHER 5/16                      | 4    |
| 14   | 6-5205-12  | CAPSCREW 5/16 NC x 1 1/2 LG.         | 4    |
| 15   | 6-6211-05  | LOCKWASHER 5/16                      | 4    |
| 16   | 1-1029     | SPACER / ORBITRAL                    | 4    |
| 17   | 7-359-02   | VALVE / STEERING SELECTOR            | 1    |
| 18   | 6-6495-02  | FITTING / 08 OR x 06 JIC RED. - EXP. | 4    |



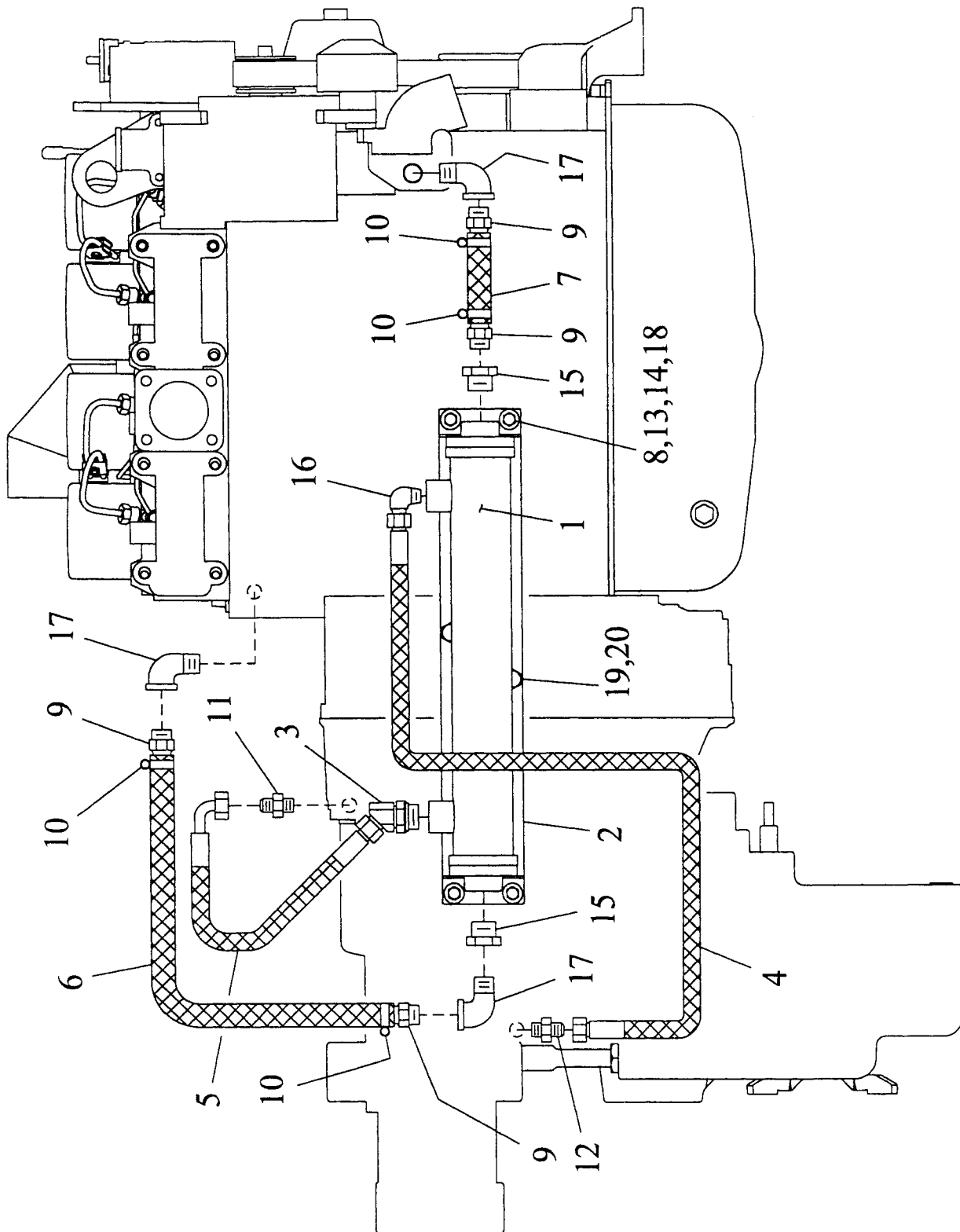
| ITEM | NUMBER     | DESCRIPTION                   | REQD |
|------|------------|-------------------------------|------|
| 1    | 7-316-194  | CYLINDER / SWAY               | REF  |
| 2    | 6-6453-06  | FITTING / 06 OR x 06 JIC 90   | 2    |
| 3    | 6-6450-08  | FITTING / 06 OR x 06 JIC STR. | 2    |
| 4    | 6-6450-11  | FITTING / 06 OR x 08 JIC STR. | 1    |
| 5    | 7-244-31   | ELECTRIC VALVE / SWAY         | 1    |
| 6    | 6-7003-56  | HOSE / 06 x 06 x 28 LG.       | 2    |
| 7    | 6-7023-290 | HOSE / 06 x 06-90 x 145 LG.   | 1    |
| 8    | 6-6481-05  | FITTING / 06 JIC SW-RN-TEE    | 1    |
| 9    | 6-7024-164 | HOSE / 08 x 08-90 x 82 LG.    | 1    |
| 10   | 6-5204-14  | CAPSCREW 1/4 NC x 1 3/4 LG.   | 2    |
| 11   | 7-234-18   | CARTRIDGE / CHECK             | 2    |
| 12   | 1-1093-1   | RESTRICTOR PLUG (.040)        | 1    |
| 13   | 1-1219     | RESTRICTOR FITTING            | 1    |
| 14   | 6-6211-04  | LOCKWASHER 1/4                | 2    |
| 15   | 6-6212-04  | FLATWASHER 1/4                | 2    |
| 16   | 7-244-27   | DIN CONNECTOR                 | 2    |



| ITEM | NUMBER     | DESCRIPTION                      | REQD |
|------|------------|----------------------------------|------|
| 1    | 6-7242-34  | HOSE / 06 x 04-90 x 17 LG.       | 4    |
| 2    | 6-7003-130 | HOSE / 06 x 06 x 65 LG.          | 1    |
| 3    | 6-7002-100 | HOSE / 04 x 04 x 50 LG.          | 1    |
| 4    | 6-7003-150 | HOSE / 06 x 06 x 75 LG.          | 1    |
| 5    | 6-7022-154 | HOSE / 04 x 04-90 x 77 LG.       | 1    |
| 6    | 6-6425-03  | FITTING / 02 NPT x 04 JIC STR.   | 1    |
| 7    | 1-2014     | FITTING / 20 OR x 02 NPT REDUCER | 1    |
| 8    | 6-7022-160 | HOSE / 04 x 04-90 x 80 LG.       | 1    |
| 9    | 6-6482-05  | FITTING / 06 JIC TEE             | 3    |
| 10   | 7-256-25   | ACCUMULATOR / BRAKE              | 1    |
| 11   | 6-6450-06  | FITTING / 08 OR x 04 JIC STR.    | 1    |
| 12   | 6-6482-03  | FITTING / 04 JIC TEE             | 1    |
| 13   | 6-7013-120 | HOSE / 06 x 08 x 60 LG.          | 1    |
| 14   | 6-5308-08  | CAPSCREW 1/2 NF x 1 LG.          | 3    |
| 15   | 6-6211-08  | LOCKWASHER 1/2                   | 3    |
| 16   | 6-6450-09  | FITTING / 08 OR x 06 JIC STR.    | 2    |
| 17   | 6-6450-03  | FITTING / 04 OR x 04 JIC STR.    | 4    |
| 18   | 6-7003-100 | HOSE / 06 x 06 x 50 LG.          | 1    |

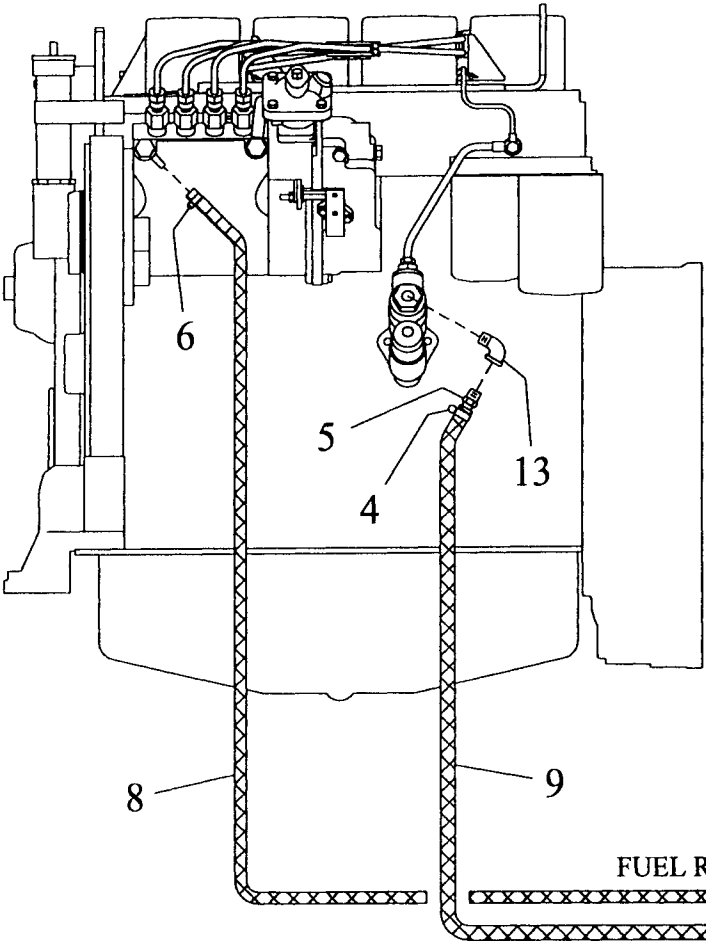


| ITEM | NUMBER     | DESCRIPTION                     | REQD |
|------|------------|---------------------------------|------|
| 1    | 7-234-53   | CARTRIDGE / COUNTERBALANCE      | 2    |
| 2    | 6-6453-09  | FITTING / 08 OR x 08 JIC 90     | 2    |
| 3    | 6-6454-06  | FITTING / 08 OR x 08 JIC BR-TEE | 2    |
| 4    | 7-256-34   | BONDED HOSE / 08 x 10 x 318 LG. | 1    |
| 5    | 6-6475-07  | FITTING / 10 JIC BH UNION       | 2    |
| 6    | 6-7060-28  | HOSE / 10-90 x 10-90 x 14 LG.   | 2    |
| 7    | 4-1826-2   | FORMED TUBING                   | 1    |
| 8    | 4-1826-4   | FORMED TUBING                   | 1    |
| 9    | 6-7034-150 | HOSE / 08 x 10-90 x 75 LG.      | 1    |
| 10   | 6-7064-116 | HOSE / 08-90 x 10-90 x 58 LG.   | 1    |
| 11   | 6-7014-208 | HOSE / 08 x 10 x 104 LG.        | 1    |
| 12   | 6-7044-160 | HOSE / 10 x 08-90 x 80 LG.      | 1    |
| 13   | 7-273-25   | CLAMP HALF SET / 1/2 TWIN HOSE  | 1    |
| 14   | 7-273-26   | COVER PLATE / 1/2 HOSE CLAMP    | 1    |
| 15   | 6-5205-14  | CAPSCREW 5/16 NC x 1 3/4 LG.    | 1    |
| 16   | 7-299-09   | FITTING / 10 x 10 TUBE UNION    | 4    |
| 17   | 6-6452-17  | FITTING / 12 OR x 10 JIC 45     | 2    |
| 18   | 4-1885-1   | FORMED TUBE / SHORT             | 1    |
| 19   | 4-1885-2   | FORMED TUBE / LONG              | 1    |
| 20   | 7-273-27   | CLAMP HALF SET / 3/8 TWIN HOSE  | 1    |
| 21   | 6-5606-14  | CAPSREW SH 3/8 NC x 1 3/4 LG.   | 1    |
| 22   | 6-6205-06  | SELF LOCKING NUT 3/8 NC         | 1    |

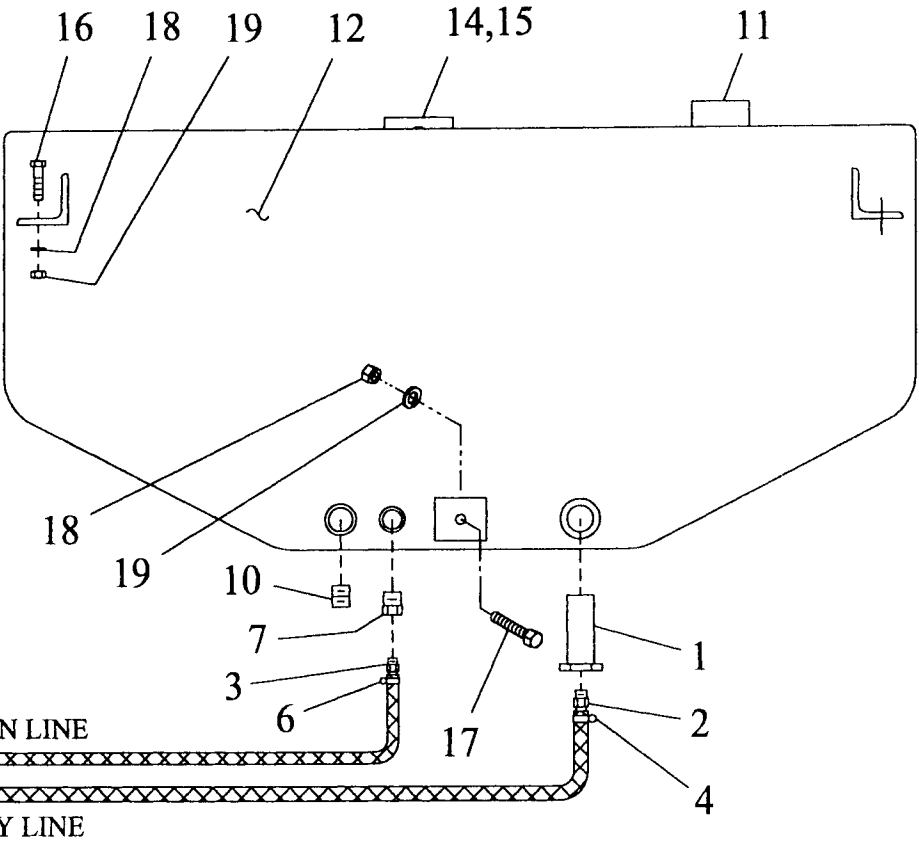


| ITEM | NUMBER     | DESCRIPTION                     | REQD |
|------|------------|---------------------------------|------|
| 1    | 7-103-01   | OIL COOLER                      | 1    |
| 2    | 3-1365     | MOUNT / OIL COOLER              | 1    |
| 3    | 6-6426-25  | FITTING / 12 NPT x 10 JIC 45    | 1    |
| 4    | 6-7006-64  | HOSE / 12 x 12 x 32 LG.         | 1    |
| 5    | 6-7025-82  | HOSE / 10 x 10-90 x 41 LG.      | 1    |
| 6    | 6-9611-400 | HOSE-HEATER 3/4 x 50 LG.        | 1    |
| 7    | 6-9611-72  | HOSE-HEATER 3/4 x 9 LG.         | 1    |
| 8    | 6-6211-05  | LOCKWASHER 5/16                 | 4    |
| 9    | 6-6423-18  | HOSE END / 12-08 MALE PIPE      | 4    |
| 10   | 6-6252-04  | HOSE CLAMP / NO. 12             | 4    |
| 11   | 6-6450-16  | FITTING / 10 OR x 10 JIC STR    | 1    |
| 12   | 6-6450-20  | FITTING / 12 OR x 12 JIC STR.   | 1    |
| 13   | 6-6201-05  | HEX NUT 5/16 NC                 | 4    |
| 14   | 6-6212-05  | FLATWASHER 5/16                 | 4    |
| 15   | 6-6406-07  | FITTING / NPT REDUCER 3/4 x 1/2 | 2    |
| 16   | 6-6427-18  | FITTING / 12 NPT x 12 JIC 90    | 1    |
| 17   | 6-6437-04  | FITTING / 08 NPT ST. ELB BLK-P  | 3    |
| 18   | 6-5205-08  | CAPSCREW 5/16 NC x 1 LG.        | 4    |
| 19   | 6-8512-25  | CAPSCREW 12mm x 1.75 x 25mm LG. | 2    |
| 20   | 6-9111-12  | LOCKWASHER 12mm                 | 2    |

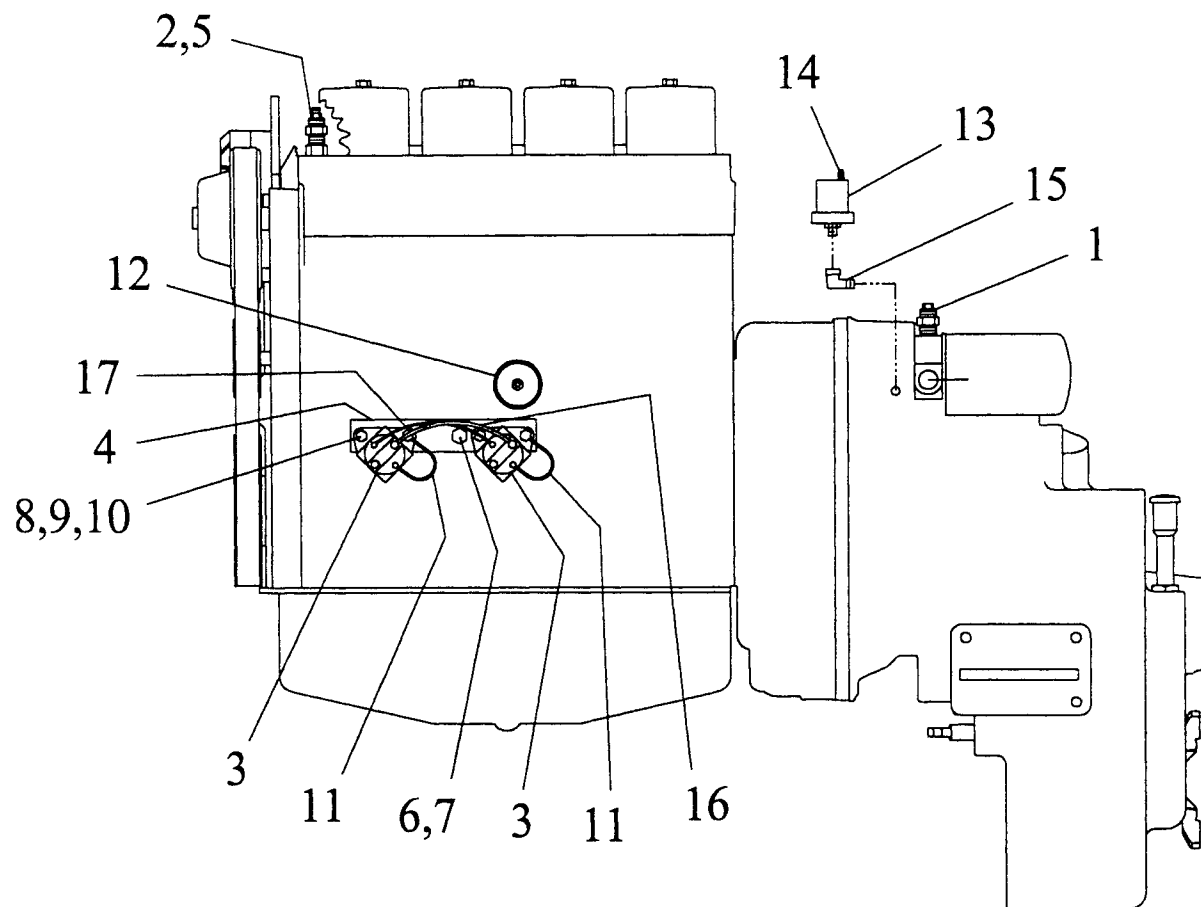
VIEW FROM  
LEFT SIDE



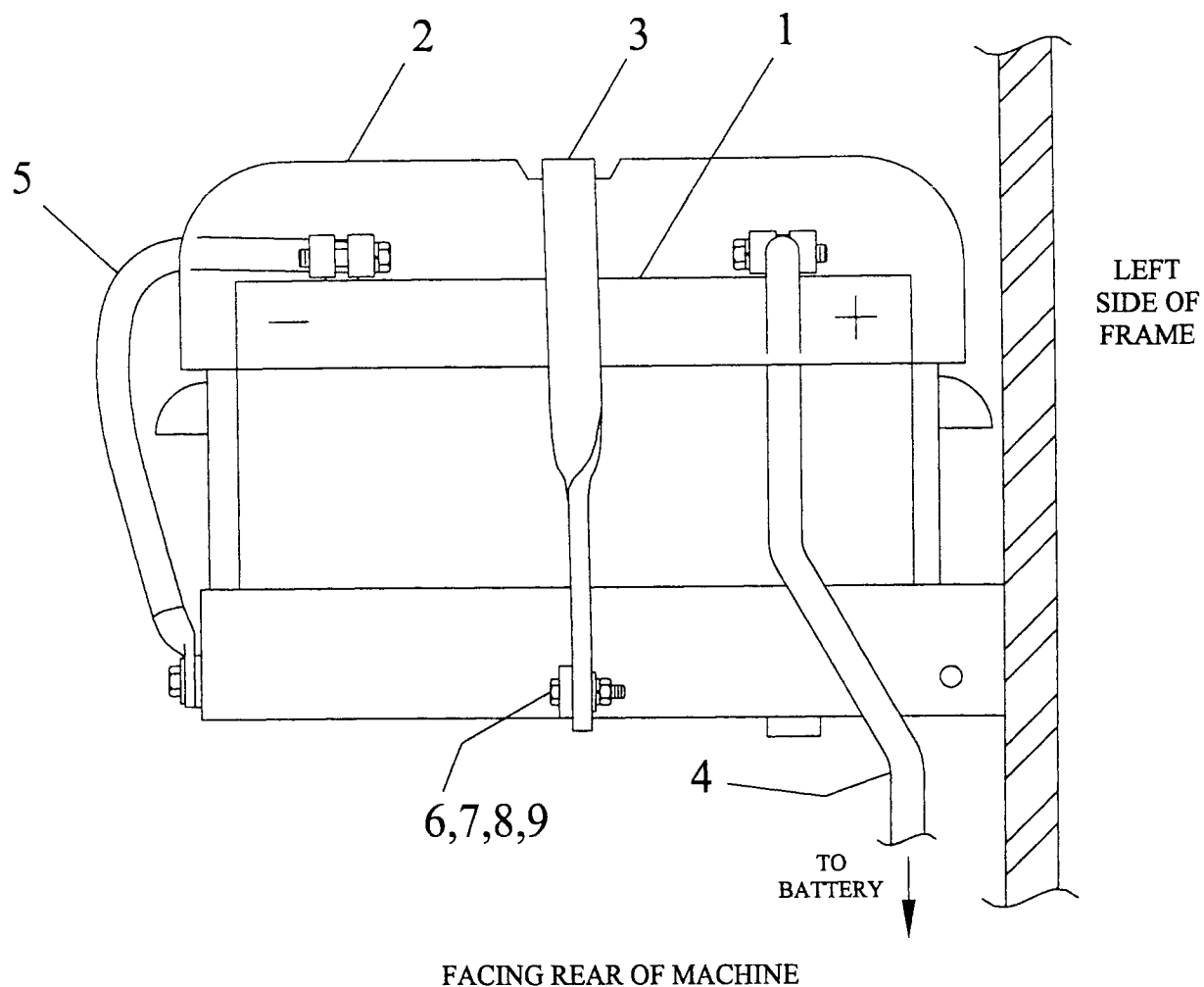
VIEW FROM  
RIGHT SIDE



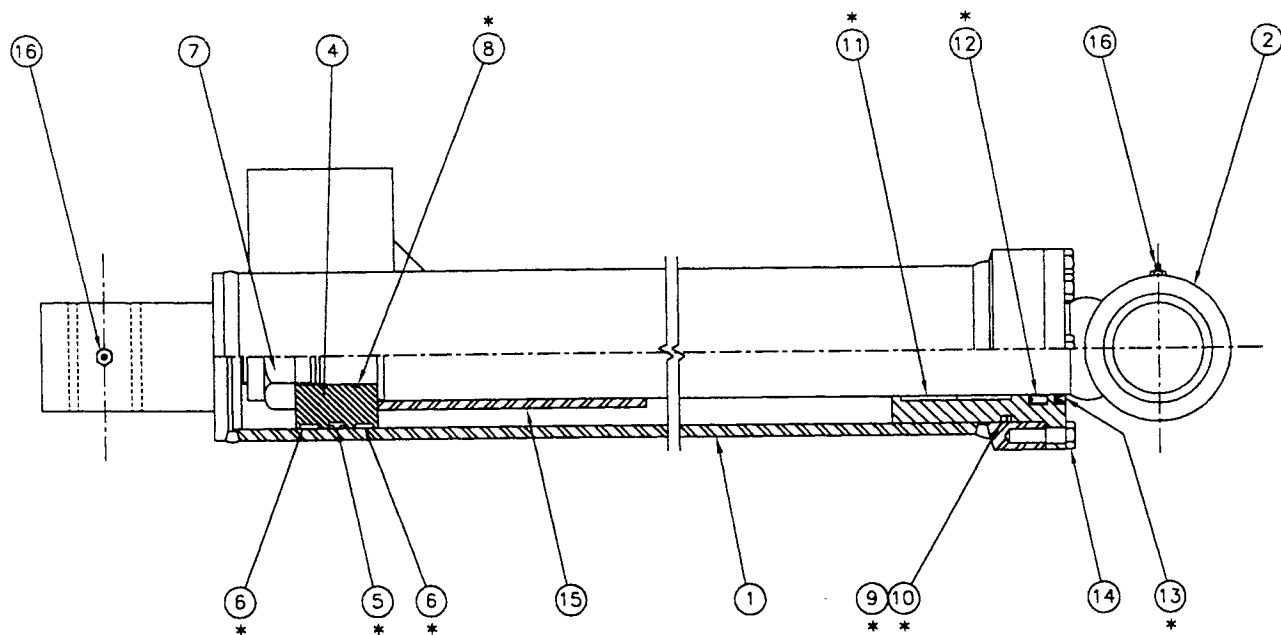
| ITEM | NUMBER     | DESCRIPTION                        | REQD |
|------|------------|------------------------------------|------|
| 1    | 7-272-05   | FUEL STRAINER                      | 1    |
| 2    | 6-6423-10  | FITTING / 08 x 06 BRASS HOSE END   | 1    |
| 3    | 6-6423-04  | FITTING / 02 x 05 BRASS HOSE END   | 1    |
| 4    | 6-6252-20  | HOSE CLAMP / NO. 2                 | 2    |
| 5    | 6-6423-08  | FITTING / 04 x 06 BRASS HOSE END   | 1    |
| 6    | 6-6252-20  | HOSE CLAMP / NO. 2                 | 2    |
| 7    | 6-6406-06  | FITTING / 08 NPT x 02 NPT REDUCER  | 1    |
| 8    | 6-9621-512 | HOSE-FUEL 5/16 x 64 LG.            | 1    |
| 9    | 6-9605-320 | HOSE-FUEL 3/8 x 40 LG.             | 1    |
| 10   | 6-6408-06  | FITTING / NPT FLUSH PLUG / 3/4     | 1    |
| 11   | 7-264-01   | FILLER CAP / FUEL                  | 1    |
| 12   | 4-1824     | FUEL TANK                          | 1    |
| 13   | 6-6422-03  | FITTING / 04 NPT 90 ST. ELB. BRASS | 1    |
| 14   | 7-172-03   | FUEL SENDER                        | 1    |
| 15   | 6-6284-07  | MACHINE SCREW #10-32 x 1/2 LG.     | 5    |
| 16   | 6-5206-12  | CAPSCREW 3/8 NC x 1 1/2 LG.        | 2    |
| 17   | 6-5206-16  | CAPSCREW 3/8 NC x 2 LG.            | 1    |
| 18   | 6-6211-06  | LOCKWASHER 3/8                     | 3    |
| 19   | 6-6201-06  | HEX NUT 3/8 NC                     | 3    |



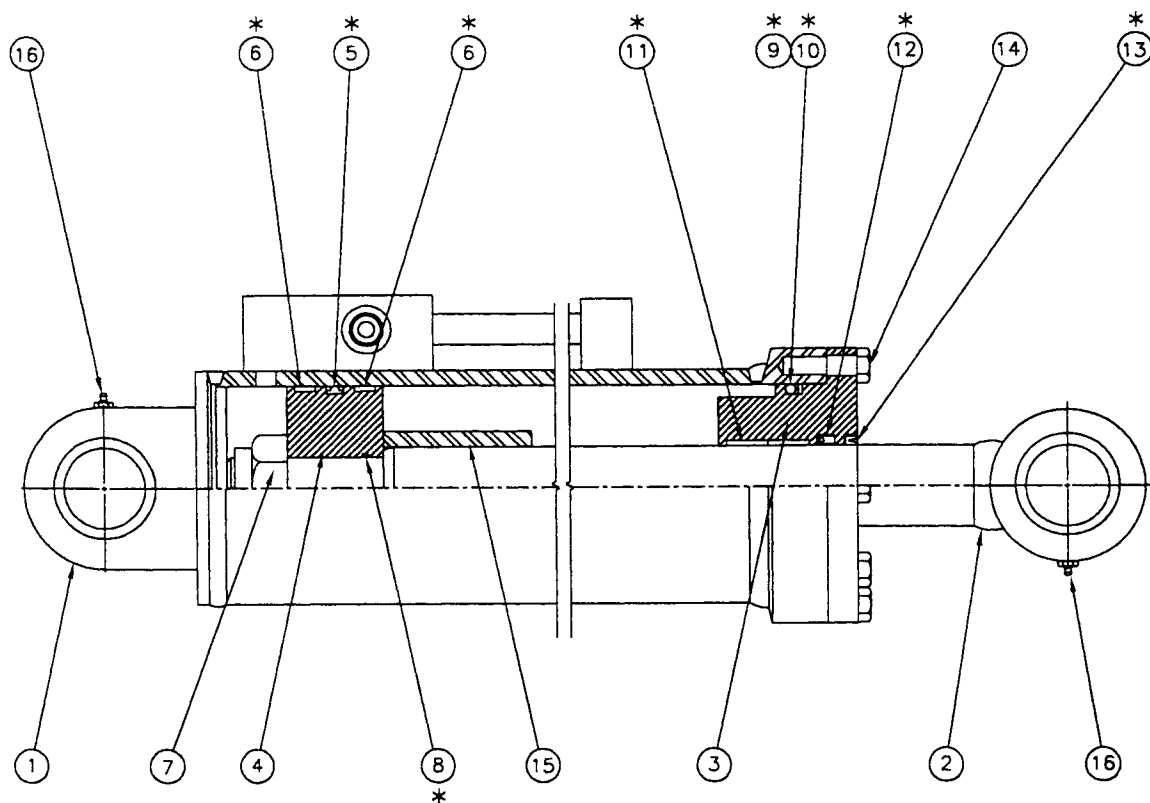
| ITEM | NUMBER    | DESCRIPTION                        | REQD |
|------|-----------|------------------------------------|------|
| 1    | 7-172-17  | SENDER / TRANS. OIL TEMP.          | 1    |
| 2    | 7-172-09  | SENDER / ENGINE WATER TEMP.        | 1    |
| 3    | 7-183-18  | RELAY / STARTER                    | 2    |
| 4    | 2-1220    | MOUNT / STARTER RELAY              | 1    |
| 5    | 6-6406-04 | FITTING / NPT REDUCER 1/2 x 3/8    | 1    |
| 6    | 6-8508-25 | CAPSCREW 8mm x 1.25 x 25mm LG.     | 1    |
| 7    | 6-9111-08 | LOCKWASHER 8mm                     | 1    |
| 8    | 6-5204-04 | CAPSCREW 1/4 NC x 1/2 LG.          | 4    |
| 9    | 6-6211-04 | LOCKWASHER 1/4                     | 4    |
| 10   | 6-6212-04 | FLATWASHER 1/4                     | 4    |
| 11   | 1-1094    | GROUND WIRE / STARTER RELAY        | REF  |
| 12   | 7-172-05  | SENDER / ENGINE OIL PRESSURE       | 1    |
| 13   | 7-172-16  | SENDER / TRANS. OIL PRESSURE       | 1    |
| 14   | 6-6286-06 | HEX NUT #10-32                     | 1    |
| 15   | 6-6422-01 | FITTING / 02 NPT 90 BRASS ST. ELB. | 1    |
| 16   | 2-1221    | JUMPER WIRE ASSEMBLY / 8 RED       | 1    |
| 17   | 2-1222    | JUMPER WIRE ASSEMBLY / 12 BLACK    | 1    |



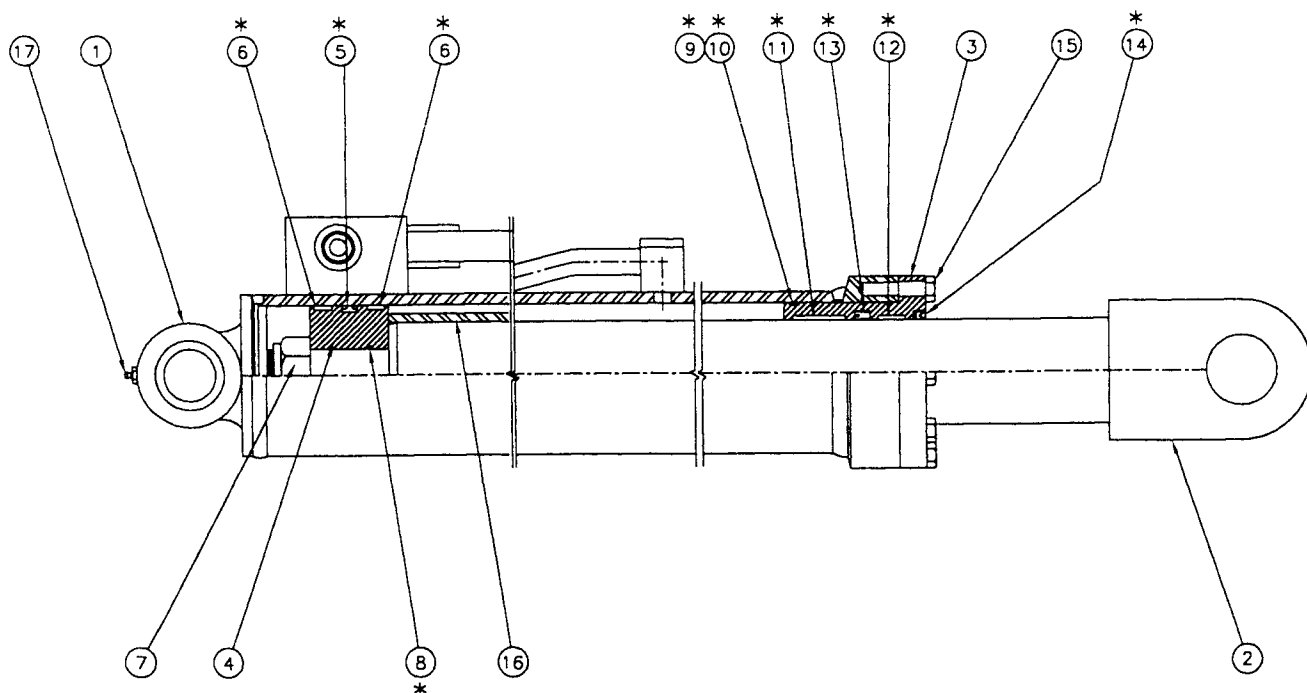
| ITEM | NUMBER      | DESCRIPTION                      | REQD |
|------|-------------|----------------------------------|------|
| 1    | 7-355-01    | BATTERY                          | 1    |
| 2    | 7-194-60    | BATTERY BOX                      | 1    |
| 3    | 7-330-03    | TIE DOWN / 24 LG.                | 1    |
| 4    | 6-7801-180B | BATTERY CABLE / RED (POSITIVE)   | 1    |
| 5    | 6-7806-32B  | BATTERY CABLE / BLACK (NEGATIVE) | 1    |
| 6    | 6-5204-10   | CAPSCREW 1/4 NC x 1 1/4 LG.      | 1    |
| 7    | 6-6212-04   | FLATWASHER 1/4                   | 1    |
| 8    | 6-6211-04   | LOCKWASHER 1/4                   | 1    |
| 9    | 6-6201-04   | HEX NUT 1/4 NC.                  | 1    |



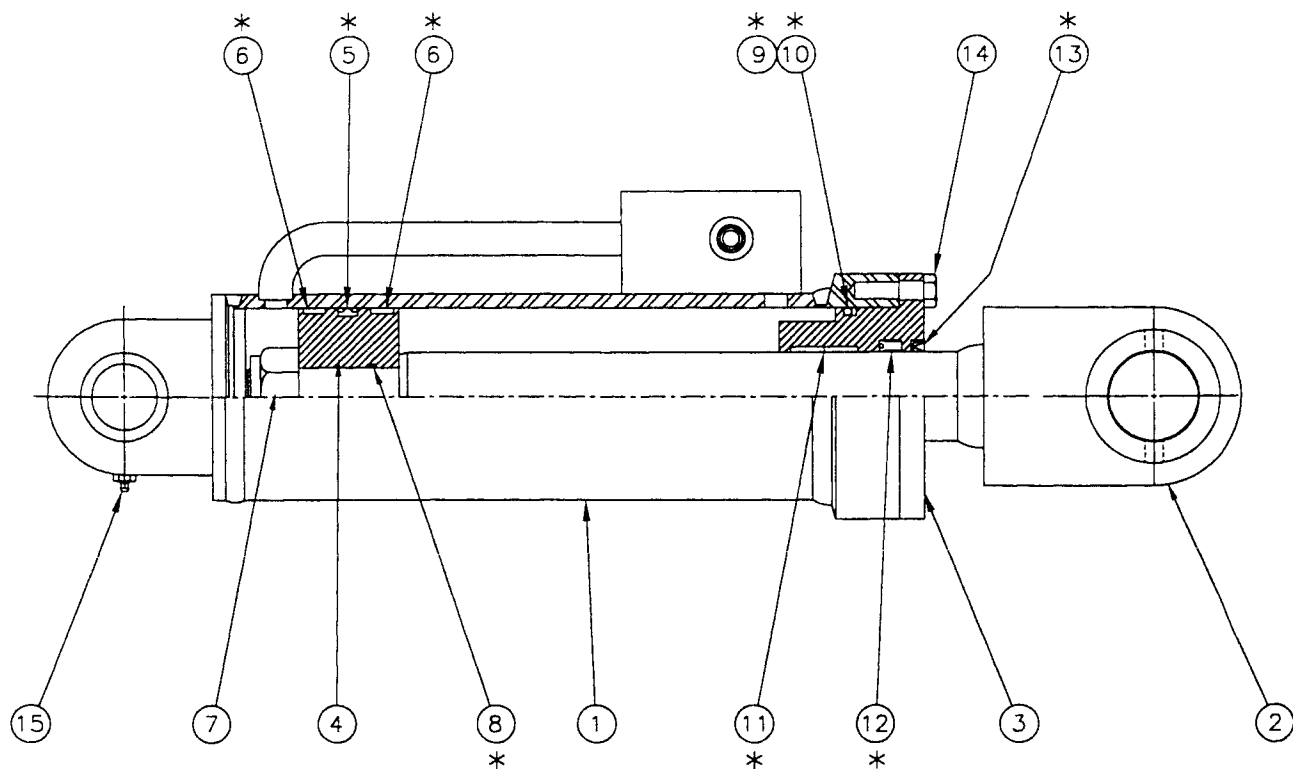
| ITEM | NUMBER    | DESCRIPTION             | REQD    |
|------|-----------|-------------------------|---------|
| 1    | 7-316-281 | BARREL ASSEMBLY         | 1       |
| 2    | 7-316-202 | ROD ASSEMBLY            | 1       |
| 3    | 7-316-284 | HEAD                    | 1       |
| 4    | 7-316-283 | PISTON                  | 1       |
| 5    | 7-316-53  | SEAL / PISTON           | (*) 1   |
| 6    | 7-316-213 | WEAR RING / PISTON      | (*) 2   |
| 7    | 7-316-73  | SELF-LOCKING NUT        | 1       |
| 8    | 7-316-80  | O-RING                  | (*) 1   |
| 9    | 7-316-85  | O-RING / HEAD           | (*) 1   |
| 10   | 7-316-86  | BACK-UP RING / HEAD     | (*) 1   |
| 11   | 7-316-215 | WEAR RING / HEAD        | (*) 2   |
| 12   | 7-316-29  | ROD SEAL                | (*) 1   |
| 13   | 7-316-35  | WIPER / SHAFT           | (*) 1   |
| 14   | 7-316-95  | HEX HEAD CAPSCREW       | 8       |
| 15   | 7-316-282 | STROKE LIMITER          | 1       |
| 16   | 7-316-150 | LUBE FITTING            | 3       |
| 17   |           |                         |         |
| 18   | 7-900-72  | SEAL KIT / ITEMS MARKED | (*) REF |



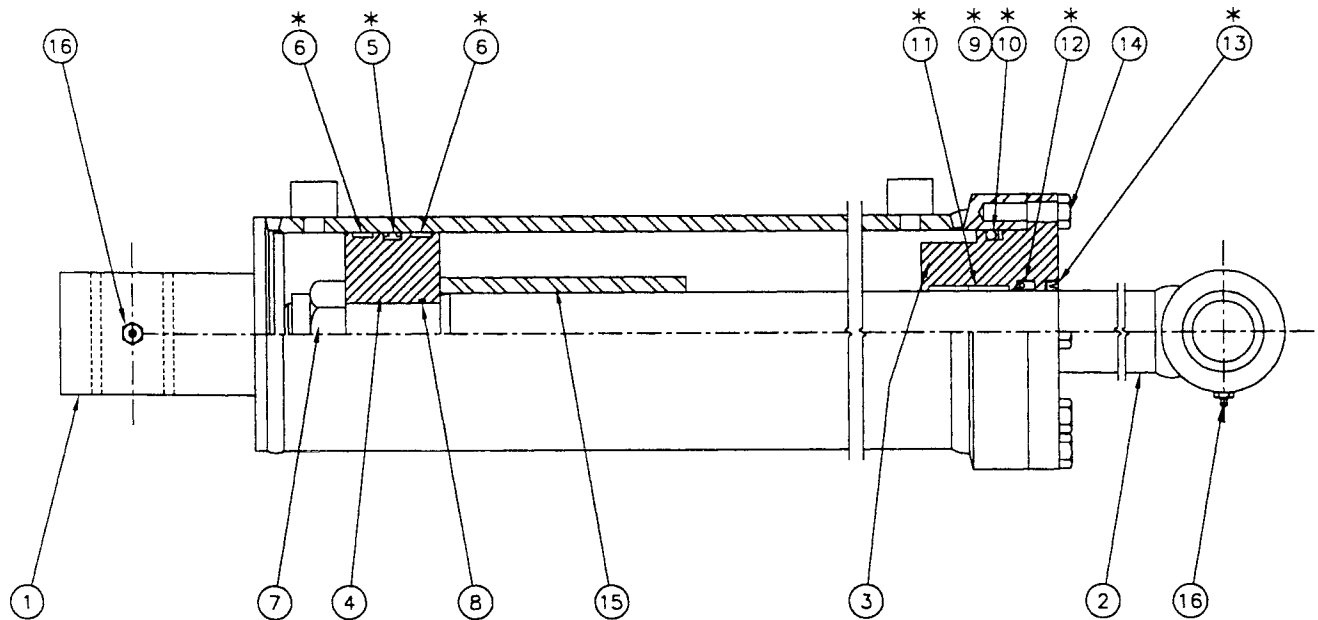
| ITEM | NUMBER    | DESCRIPTION                 | REQD |
|------|-----------|-----------------------------|------|
| 1    | 7-316-279 | BARREL ASSEMBLY             | 1    |
| 2    | 7-316-280 | ROD ASSEMBLY                | 1    |
| 3    | 7-316-277 | HEAD                        | 1    |
| 4    | 7-316-278 | PISTON                      | 1    |
| 5    | 7-316-217 | SEAL / PISTON (*)           | 1    |
| 6    | 7-316-219 | WEAR RING / PISTON (*)      | 2    |
| 7    | 7-316-73  | SELF-LOCKING NUT            | 1    |
| 8    | 7-316-80  | O-RING (*)                  | 1    |
| 9    | 7-316-218 | O-RING / HEAD (*)           | 1    |
| 10   | 7-316-220 | BACK-UP RING / HEAD (*)     | 1    |
| 11   | 7-316-212 | WEAR RING / HEAD (*)        | 2    |
| 12   | 7-316-19  | ROD SEAL (*)                | 1    |
| 13   | 7-316-216 | WIPER / SHAFT (*)           | 1    |
| 14   | 7-316-97  | HEX HEAD CAPSCREW           | 8    |
| 15   | 7-316-276 | STROKE LIMITER              | 1    |
| 16   | 7-316-150 | LUBE FITTING                | 2    |
| 17   |           |                             |      |
| 18   | 7-900-74  | SEAL KIT / ITEMS MARKED (*) | REF  |



| ITEM | NUMBER    | DESCRIPTION                 | REQD |
|------|-----------|-----------------------------|------|
| 1    | 7-316-269 | BARREL ASSEMBLY             | 1    |
| 2    | 7-316-270 | ROD ASSEMBLY                | 1    |
| 3    | 7-316-273 | HEAD                        | 1    |
| 4    | 7-316-108 | PISTON                      | 1    |
| 5    | 7-316-53  | SEAL / PISTON (*)           | 1    |
| 6    | 7-316-213 | WEAR RING / PISTON (*)      | 2    |
| 7    | 7-316-74  | SELF-LOCKING NUT            | 1    |
| 8    | 7-316-87  | O-RING (*)                  | 1    |
| 9    | 7-316-85  | O-RING / HEAD (*)           | 1    |
| 10   | 7-316-86  | BACK-UP RING / HEAD (*)     | 1    |
| 11   | 7-316-50  | WEAR RING / HEAD (*)        | 2    |
| 12   | 7-316-214 | WEAR RING / HEAD (*)        | 1    |
| 13   | 7-316-30  | ROD SEAL (*)                | 1    |
| 14   | 7-316-36  | WIPER / SHAFT (*)           | 1    |
| 15   | 7-316-272 | HEX HEAD CAPSCREW           | 8    |
| 16   | 7-316-271 | STROKE LIMITER              | 1    |
| 17   | 7-316-150 | LUBE FITTING                | 1    |
| 18   |           |                             |      |
| 19   | 7-900-73  | SEAL KIT / ITEMS MARKED (*) | REF  |

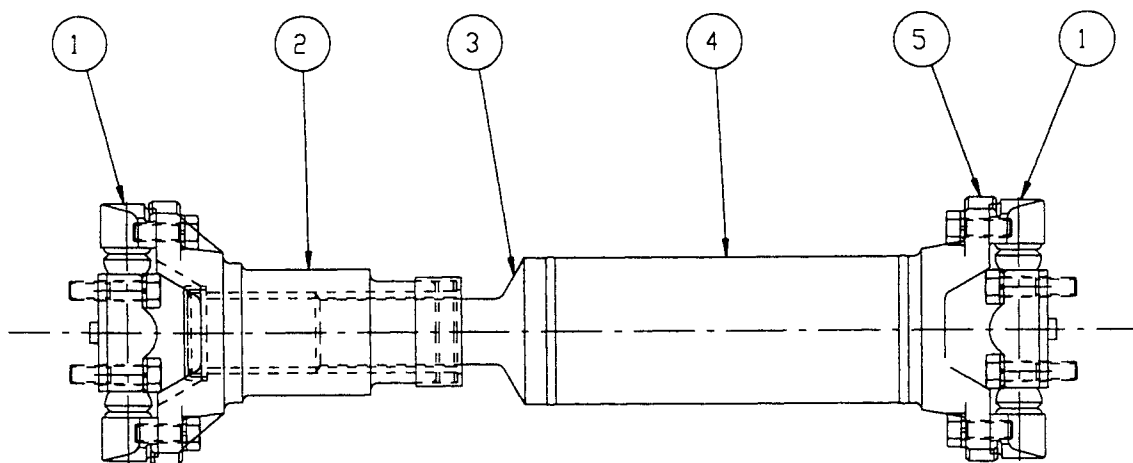


| ITEM | NUMBER    | DESCRIPTION                 | REQD |
|------|-----------|-----------------------------|------|
| 1    | 7-316-285 | BARREL ASSEMBLY             | 1    |
| 2    | 7-316-286 | ROD ASSEMBLY                | 1    |
| 3    | 7-316-287 | HEAD                        | 1    |
| 4    | 7-316-108 | PISTON                      | 1    |
| 5    | 7-316-53  | SEAL / PISTON (*)           | 1    |
| 6    | 7-316-213 | WEAR RING / PISTON (*)      | 2    |
| 7    | 7-316-74  | SELF-LOCKING NUT            | 1    |
| 8    | 7-316-87  | O-RING (*)                  | 1    |
| 9    | 7-316-85  | O-RING / HEAD (*)           | 1    |
| 10   | 7-316-86  | BACK-UP RING / HEAD (*)     | 1    |
| 11   | 7-316-43  | WEAR RING / HEAD (*)        | 2    |
| 12   | 7-316-19  | ROD SEAL (*)                | 1    |
| 13   | 7-316-216 | WIPER / SHAFT (*)           | 1    |
| 14   | 7-316-95  | HEX HEAD CAPSCREW           | 8    |
| 15   | 7-316-150 | LUBE FITTING                | 1    |
| 16   |           |                             |      |
| 17   | 7-900-76  | SEAL KIT / ITEMS MARKED (*) | REF  |

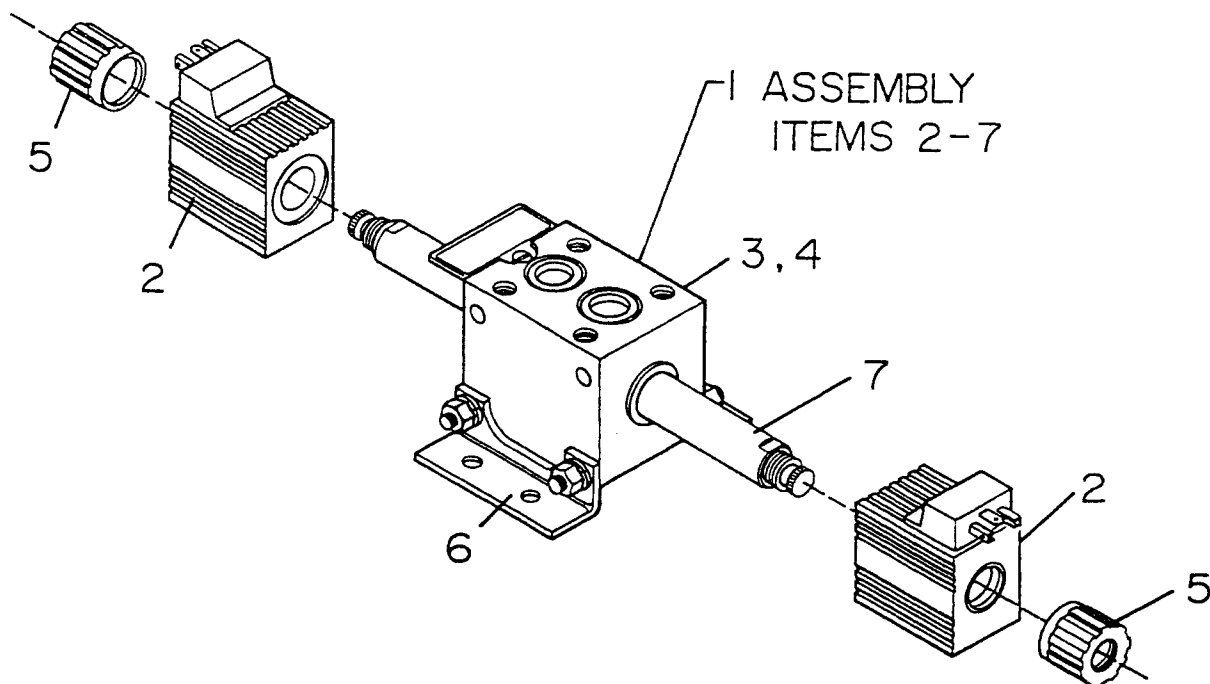


| ITEM | NUMBER    | DESCRIPTION             | REQD    |
|------|-----------|-------------------------|---------|
| 1    | 7-316-274 | BARREL ASSEMBLY         | 1       |
| 2    | 7-316-275 | ROD ASSEMBLY            | 1       |
| 3    | 7-316-277 | HEAD                    | 1       |
| 4    | 7-316-278 | PISTON                  | 1       |
| 5    | 7-316-217 | SEAL / PISTON           | (*) 1   |
| 6    | 7-316-219 | WEAR RING / PISTON      | (*) 2   |
| 7    | 7-316-73  | SELF-LOCKING NUT        | 1       |
| 8    | 7-316-80  | O-RING                  | (*) 1   |
| 9    | 7-316-218 | O-RING / HEAD           | (*) 1   |
| 10   | 7-316-220 | BACK-UP RING / HEAD     | (*) 1   |
| 11   | 7-316-212 | WEAR RING / HEAD        | (*) 2   |
| 12   | 7-316-19  | ROD SEAL                | (*) 1   |
| 13   | 7-316-216 | WIPER / SHAFT           | (*) 1   |
| 14   | 7-316-97  | HEX HEAD CAPSCREW       | 8       |
| 15   | 7-316-276 | STROKE LIMITER          | 1       |
| 16   | 7-316-150 | LUBE FITTING            | 2       |
| 17   |           |                         |         |
| 18   | 7-900-72  | SEAL KIT / ITEMS MARKED | (*) REF |

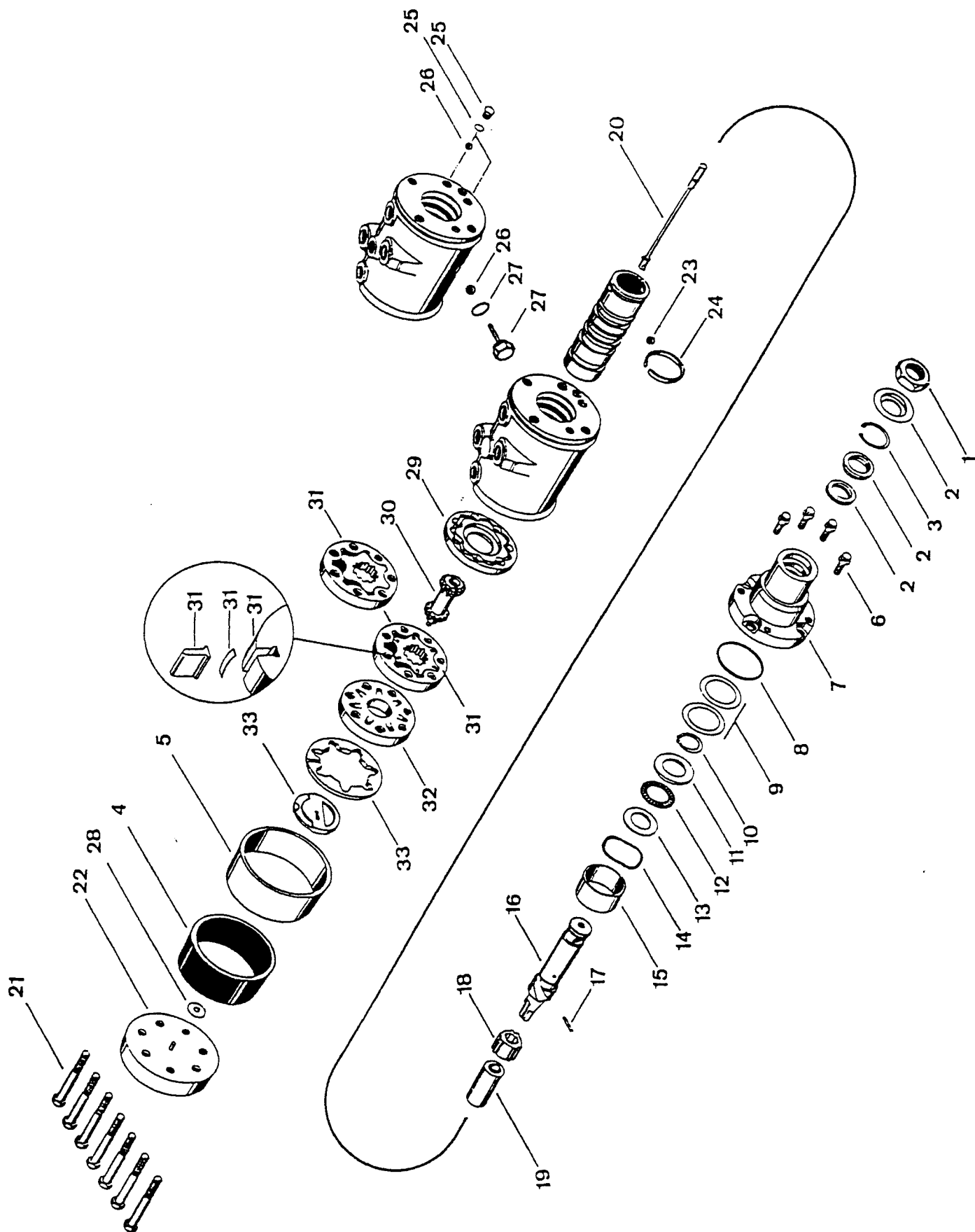
## This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



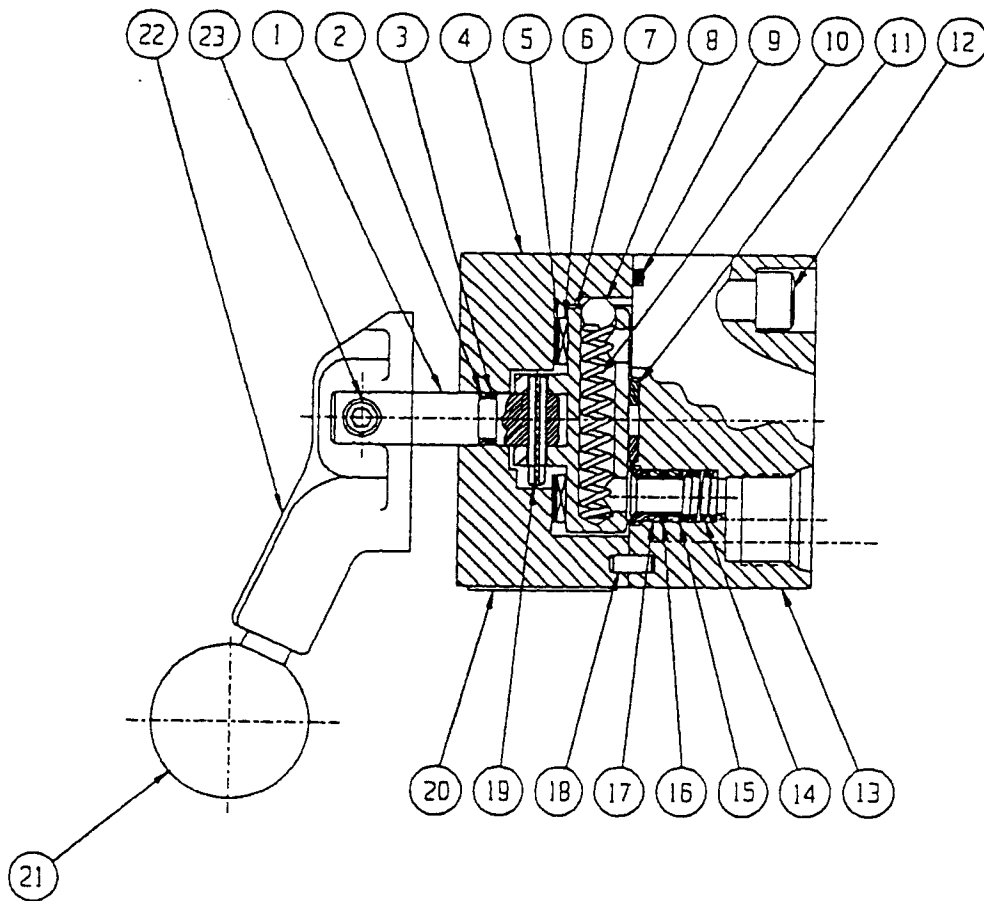
| ITEM | NUMBER   | DESCRIPTION                 | REQD |
|------|----------|-----------------------------|------|
| 1    | 7-196-42 | CROSS & BEARING ASSEMBLY    | 2    |
| 2    | 7-196-63 | SLIP YOKE                   | 1    |
| 3    | 7-196-64 | STUB YOKE                   | 1    |
| 4    | 7-196-65 | TUBE WELDMENT               | 1    |
| 5    | 7-196-66 | WELD YOKE                   | 1    |
| 6    | 7-196-44 | DRIVESHAFT ASSY (ITEMS 1-5) | REF  |



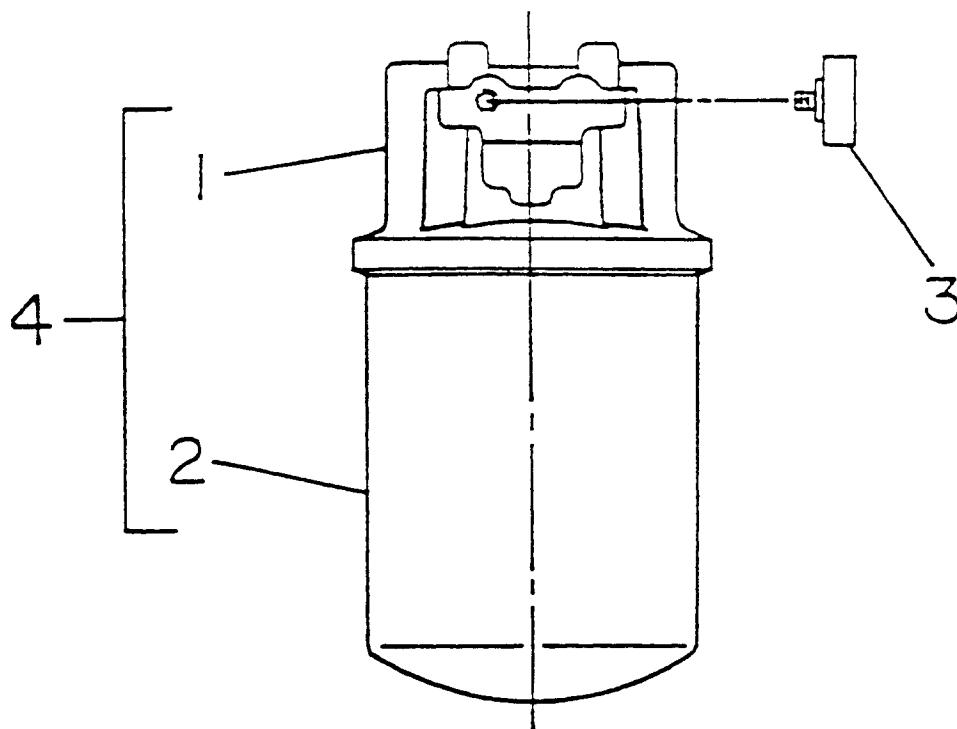
| ITEM | NUMBER   | DESCRIPTION                   | REQD |
|------|----------|-------------------------------|------|
| 1    | 7-244-31 | ELECTRIC VALVE ASSY / 4-WAY   | 1    |
| 2    | 7-244-40 | COIL / DIN                    | 2    |
| 3    | 7-244-17 | SPOOL                         | 1    |
| 4    | 7-244-18 | VALVE BODY                    | 1    |
| 5    | 7-244-19 | END CAP                       | 2    |
| 6    | 7-244-44 | BRACKET ASSEMBLY              | 1    |
| 7    | 7-244-24 | TUBES & PIN / SPOOL ACTUATING | 1    |



| ITEM | NUMBER   | DESCRIPTION         | REQD |
|------|----------|---------------------|------|
| 1    | 7-256-37 | NUT                 | 1    |
| 2    | 7-256-35 | SEAL KIT            | 1    |
| 3    | 7-256-38 | SNAP RING           | 1    |
| 4    | 7-256-39 | SEAL                | 1    |
| 5    | 7-256-40 | CAN                 | 1    |
| 6    | 7-256-41 | FINE THREAD SCREWS  | 4    |
| 7    | 7-256-42 | UPPER COVER         | 1    |
| 8    | 7-256-43 | SEAL                | 1    |
| 9    | 7-256-44 | SHIM KIT            | 1    |
| 10   | 7-256-45 | SNAP RING           | 1    |
| 11   | 7-256-46 | THRUST WASHER       | 1    |
| 12   | 7-256-47 | THRUST              | 1    |
| 13   | 7-256-48 | THRUST BEARING      | 1    |
| 14   | 7-256-49 | SPRING WASHER       | 1    |
| 15   | 7-256-50 | SPACER WASHER       | 1    |
| 16   | 7-256-70 | INPUT SHAFT         | 1    |
| 17   | 7-256-52 | NEEDLE ROLLER       | 1    |
| 18   | 7-256-53 | DRIVE RING          | 1    |
| 19   | 7-256-54 | SPACER              | 1    |
| 20   | 7-256-69 | TORSION BAR         | 1    |
| 21   | 7-256-56 | FINE THREAD BOLTS   | 7    |
| 22   | 7-256-57 | END COVER           | 1    |
| 23   | 7-256-58 | BALL / 5/16 DIA.    | 1    |
| 24   | 7-256-59 | SPRING              | 1    |
| 25   | 7-256-60 | PLUG & O-RING       | 2    |
| 26   | 7-256-61 | BALL / 1/4" DIA.    | 2    |
| 27   | 7-256-62 | PLUG ASSEMBLY       | 1    |
| 28   | 7-256-63 | WASHER              | 1    |
| 29   | 7-256-64 | SPACER              | 1    |
| 30   | 7-256-65 | DRIVE LINK          | 1    |
| 31   | 7-256-66 | ROTOR SET           | 1    |
| 32   | 7-256-67 | MANIFOLD            | 1    |
| 33   | 7-256-68 | COMMUTATOR ASSEMBLY | 1    |

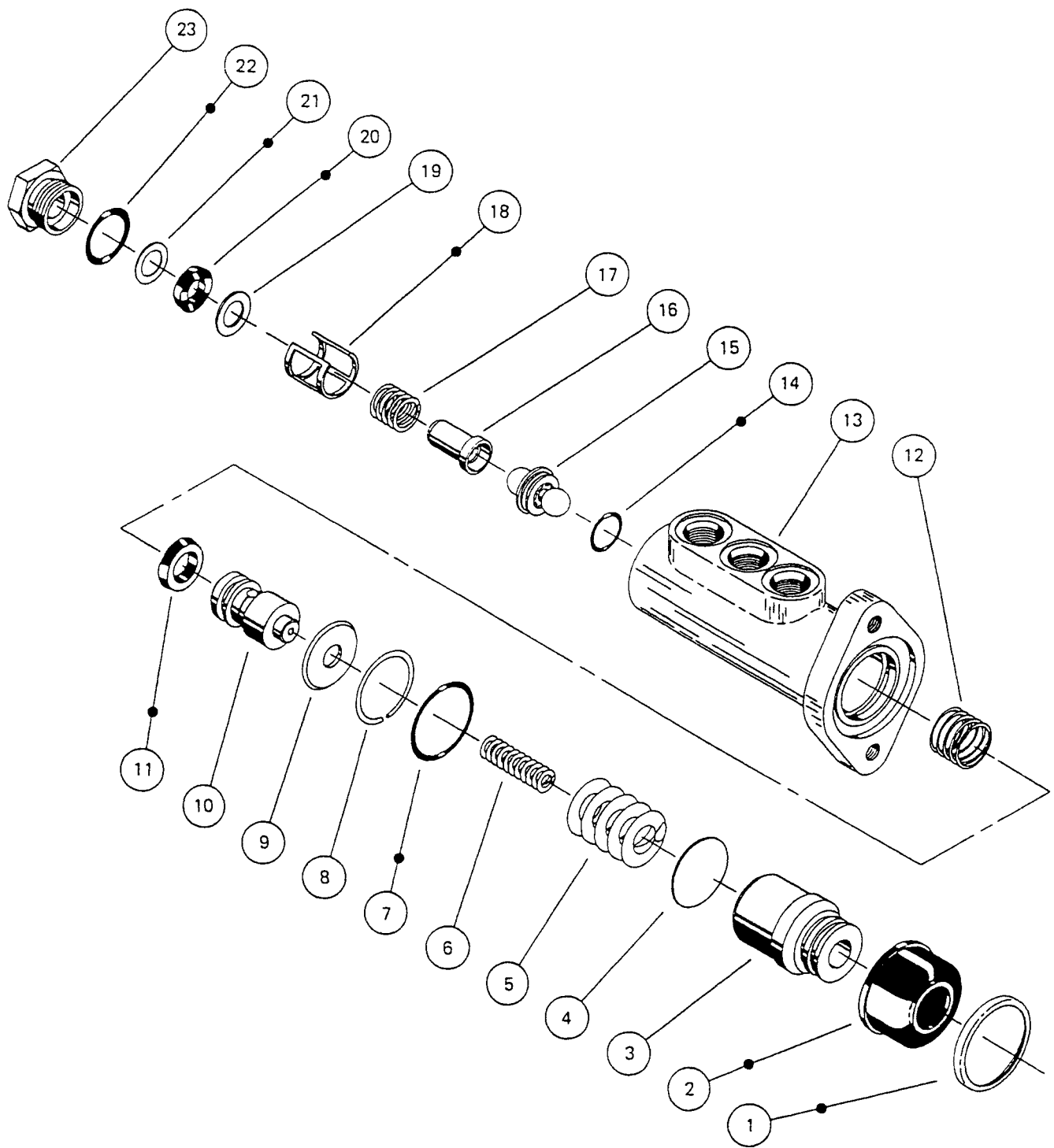


| ITEM | NUMBER   | DESCRIPTION                | REQD |
|------|----------|----------------------------|------|
| 1    |          | SHAFT                      | 1    |
| 2    | 7-359-06 | BACK UP RING - SHAFT       | 1    |
| 3    | 7-359-07 | O-RING - SHAFT             | 1    |
| 4    |          | HOUSING                    | 1    |
| 5    |          | THRUST WASHER              | 1    |
| 6    | 7-359-08 | THRUST BEARING             | 1    |
| 7    | 7-359-09 | ROTOR                      | 1    |
| 8    | 7-359-10 | BALL - DETENT              | 1    |
| 9    | 7-359-11 | O-RING - HOUSING           | 1    |
| 10   | 7-359-12 | SPRING - DETENT            | 1    |
| 11   |          | WASHER - SPACER            | 1    |
| 12   |          | SCREW - BODY               | 4    |
| 13   |          | BODY                       | 1    |
| 14   | 7-359-13 | SPRING - PRESS. SEAL       | 4    |
| 15   | 7-359-14 | PRESSURE SEAL              | 4    |
| 16   | 7-359-07 | O-RING - PRESS. SEAL       | 4    |
| 17   | 7-359-06 | BACK UP RING - PRESS. SEAL | 8    |
| 18   |          | PIN - LOCATING             | 1    |
| 19   |          | ROLL PIN - ROTOR           | 1    |
| 20   |          | NAMEPLATE                  | 1    |
| 21   |          | KNOB - HANDLE              | 1    |
| 22   | 7-359-03 | HANDLE / 5/8 LONG          | 1    |
| 23   |          | SET SCREW                  | 2    |

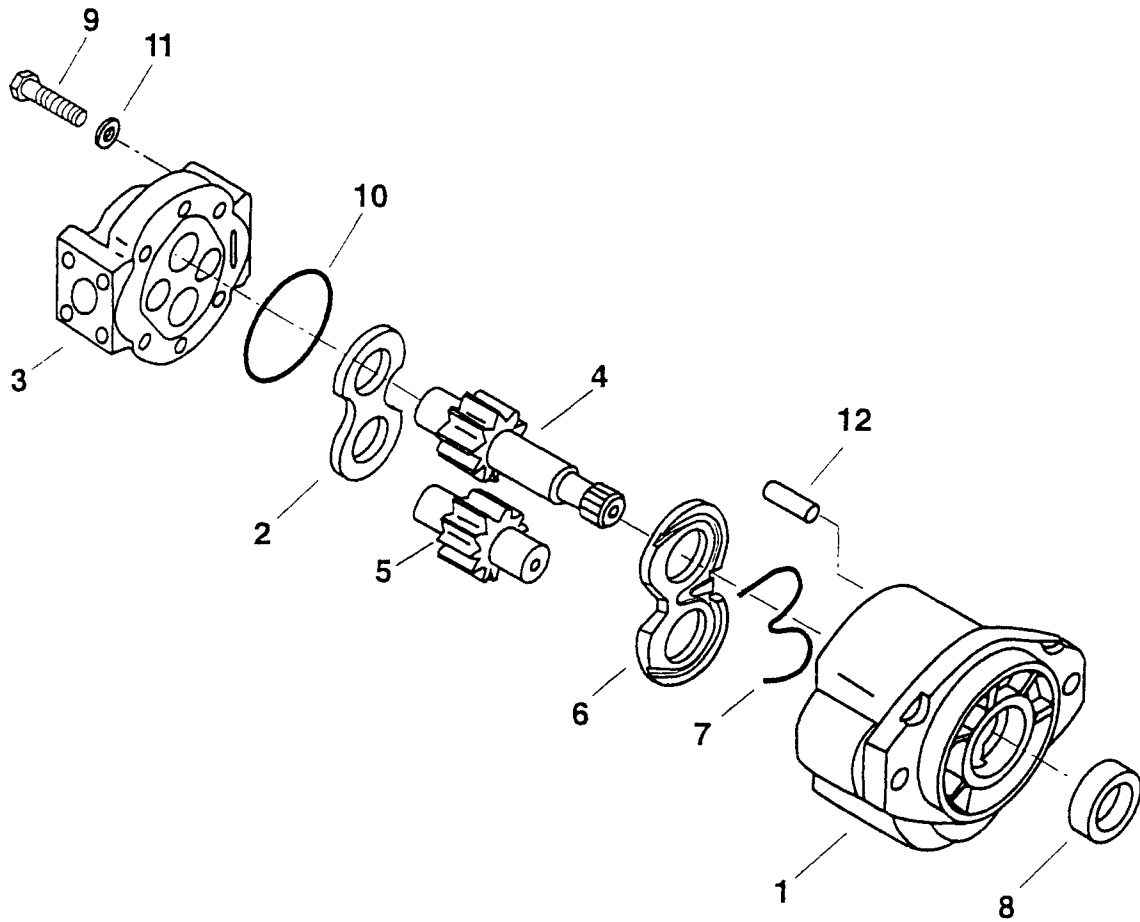


| ITEM | NUMBER   | DESCRIPTION      | REQD |
|------|----------|------------------|------|
| 1    | 7-256-24 | HEAD             | 1    |
| 2    | 7-256-05 | ELEMENT & O-RING | 1    |
| 3    | 7-272-10 | GAGE             | 1    |
| 4    | 7-256-23 | FILTER ASSEMBLY  | 1    |

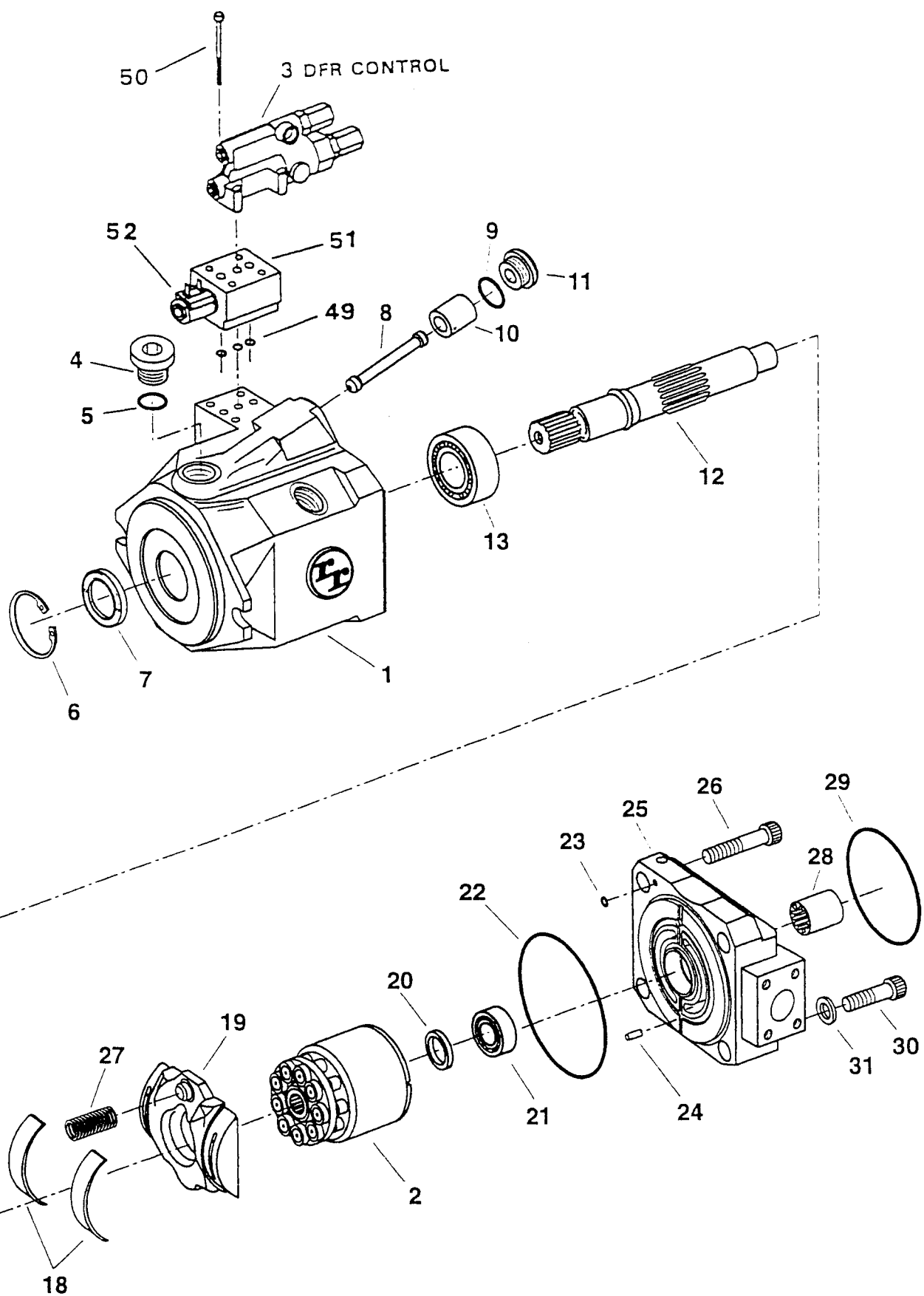
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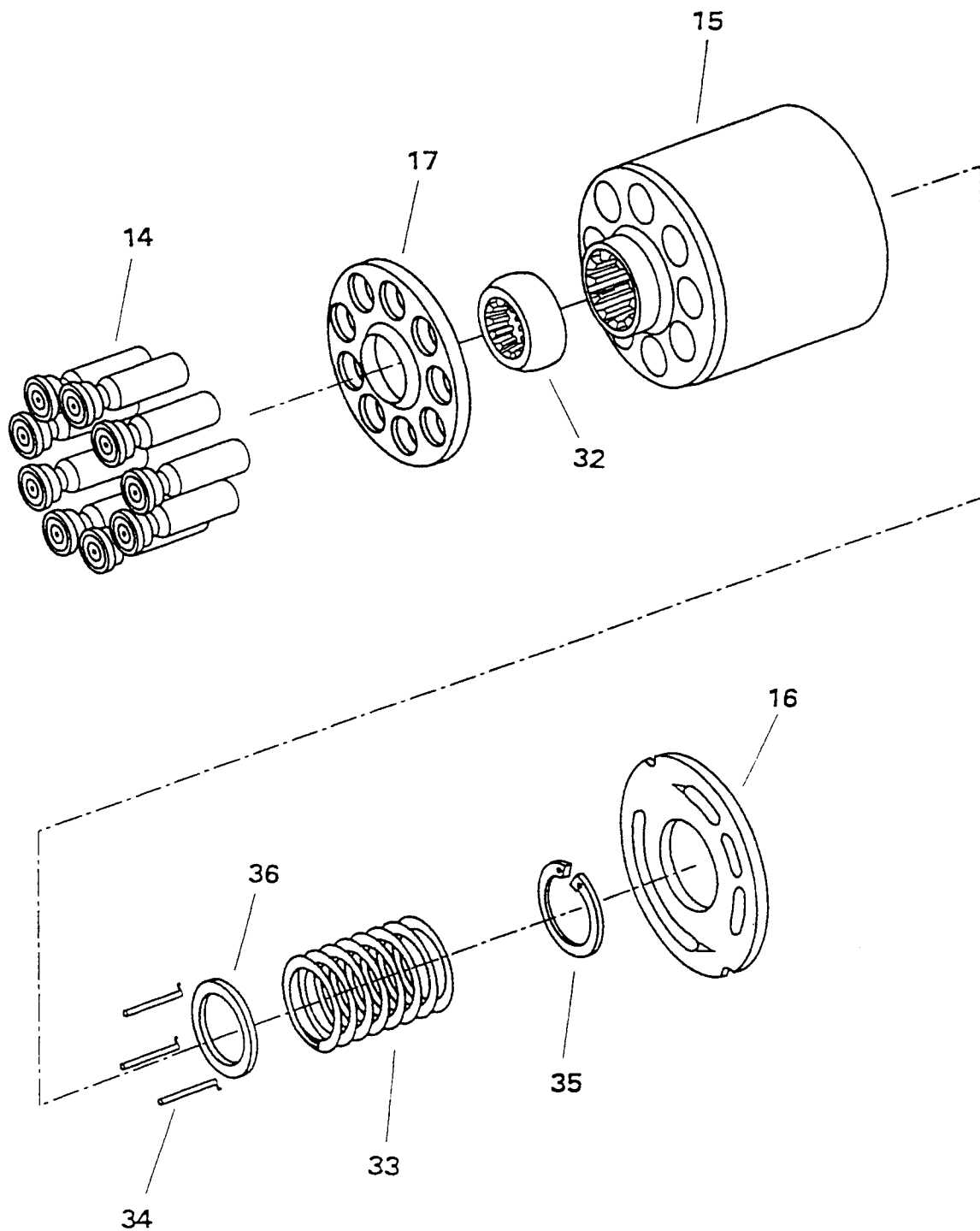
| ITEM | NUMBER   | DESCRIPTION                         | REQD |
|------|----------|-------------------------------------|------|
| 1    | 7-198-09 | RING                                | 1    |
| 2    | 7-198-20 | BOOT                                | 1    |
| 3    | 7-198-04 | PISTON                              | 1    |
| 4    |          | SHIM / ITEMS 25-28                  |      |
| 5    | 7-198-10 | SPRING                              | 1    |
| 6    |          | SPRING / NOT USED THIS MODEL        |      |
| 7    | 7-198-21 | O-RING                              | 1    |
| 8    | 7-198-11 | RETAINER RING                       | 1    |
| 9    | 7-198-22 | WASHER                              | 1    |
| 10   | 7-198-12 | PISTON                              | 1    |
| 11   | 7-198-13 | CUP                                 | 1    |
| 12   | 7-198-14 | SPRING                              | 1    |
| 13   | 7-198-30 | HOUSING                             | 1    |
| 14   | 7-198-15 | O-RING                              | 1    |
| 15   | 7-198-35 | VALVE & BALL ASSEMBLY               | 1    |
| 16   | 7-198-27 | GUIDE                               | 1    |
| 17   | 7-198-17 | SPRING                              | 1    |
| 18   | 7-198-16 | SPACER SHEEVE                       | 1    |
| 19   | 7-198-28 | WASHER                              | 1    |
| 20   | 7-198-18 | CUP                                 | 1    |
| 21   | 7-198-29 | BACK-UP RING                        | 1    |
| 22   | 7-198-19 | O-RING                              | 1    |
| 23   | 7-198-31 | PLUG                                | 1    |
| 24   |          |                                     |      |
| 25   | 7-198-05 | SHIM / AS REQD                      |      |
| 26   | 7-198-06 | SHIM / AS REQD                      |      |
| 27   | 7-198-07 | SHIM / AS REQD                      |      |
| 28   | 7-198-08 | SHIM / AS REQD                      |      |
| 29   |          |                                     |      |
| 30   | 7-198-40 | KIT - ITEMS 1,2,7,11,14,18,20,21,22 |      |



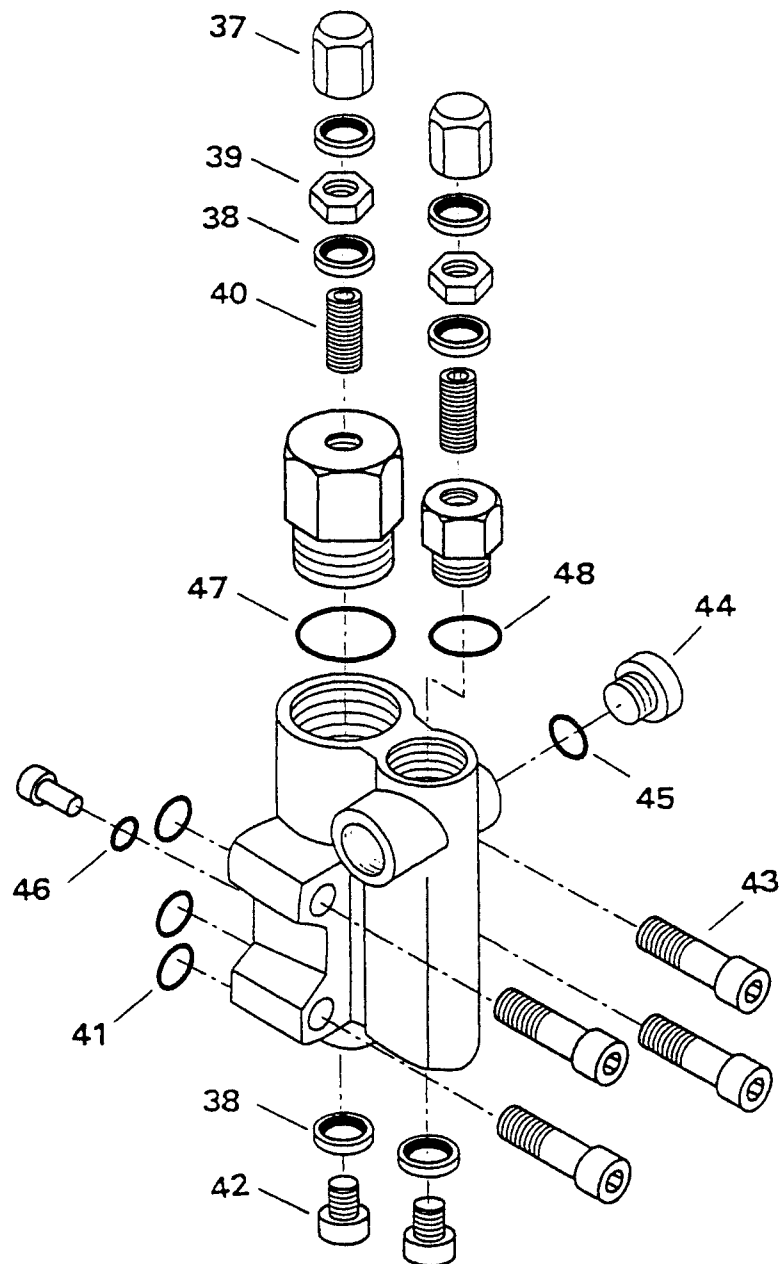
| ITEM | NUMBER    | DESCRIPTION                       | REQD |
|------|-----------|-----------------------------------|------|
| 1    | 7-345-116 | FRONT BODY                        | 1    |
| 2    | 7-345-117 | THRUST PLATE                      | 1    |
| 3    | 7-345-118 | REAR COVER                        | 1    |
| 4    | 7-345-119 | DRIVE GEAR                        | 1    |
| 5    | 7-345-120 | DRIVEN GEAR                       | 1    |
| 6    | 7-345-121 | WEAR PLATE                        | 1    |
| 7    | 7-345-122 | LOAD SEAL                         | 1    |
| 8    | 7-345-123 | SHAFT SEAL                        | 1    |
| 9    | 7-345-124 | CAPSCREW                          | 4    |
| 10   | 7-345-125 | STATIC SEAL                       | 1    |
| 11   | 7-345-126 | WASHER                            | 4    |
| 12   | 7-345-127 | DOWEL PIN                         | 2    |
| 13   | 7-345-128 | SEAL KIT (INCL. ITEMS 7, 8, & 10) | REF  |



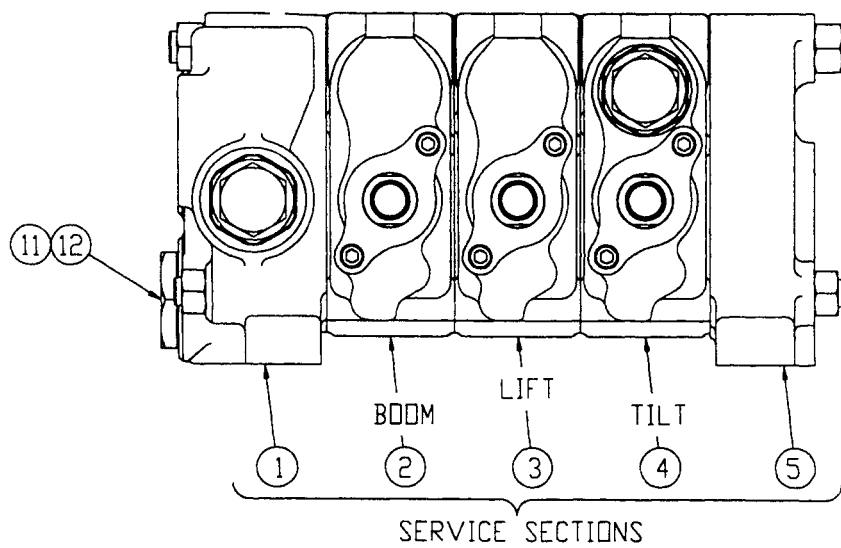
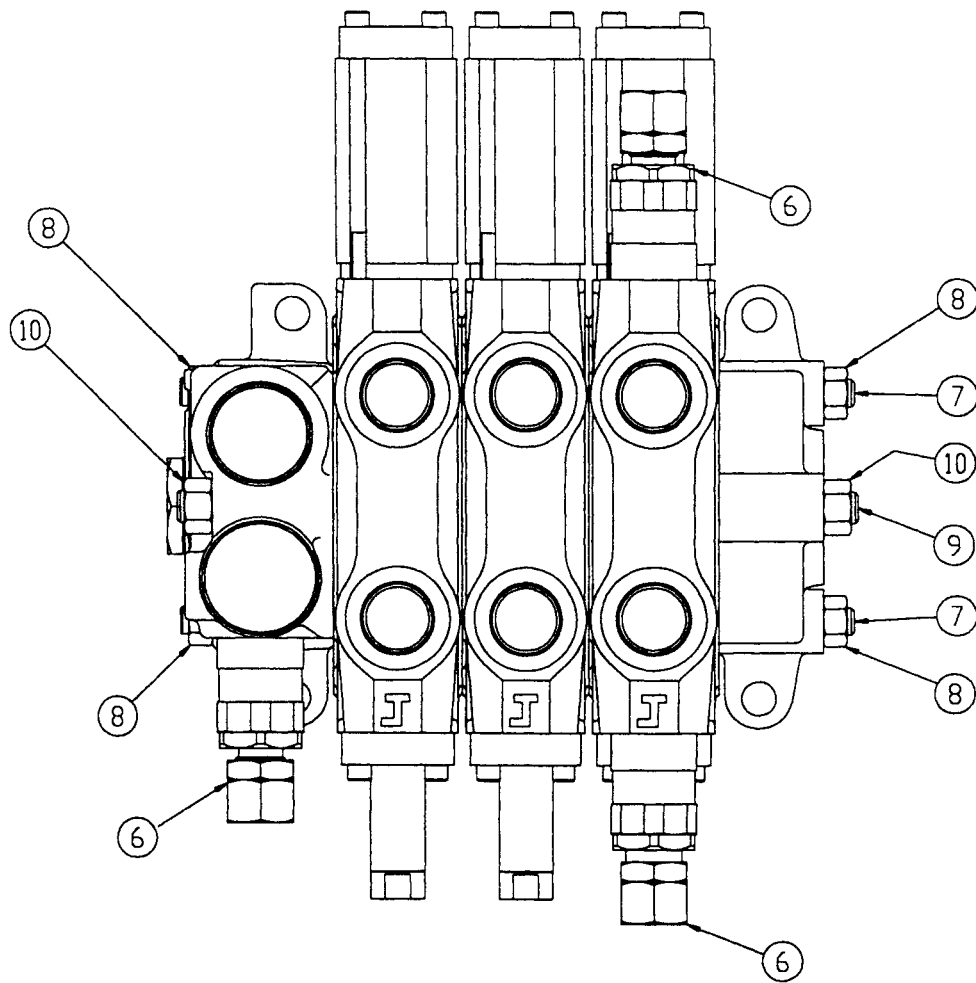
ITEM 2  
 ROTARY GROUP CW  
 PARTS BREAKDOWN



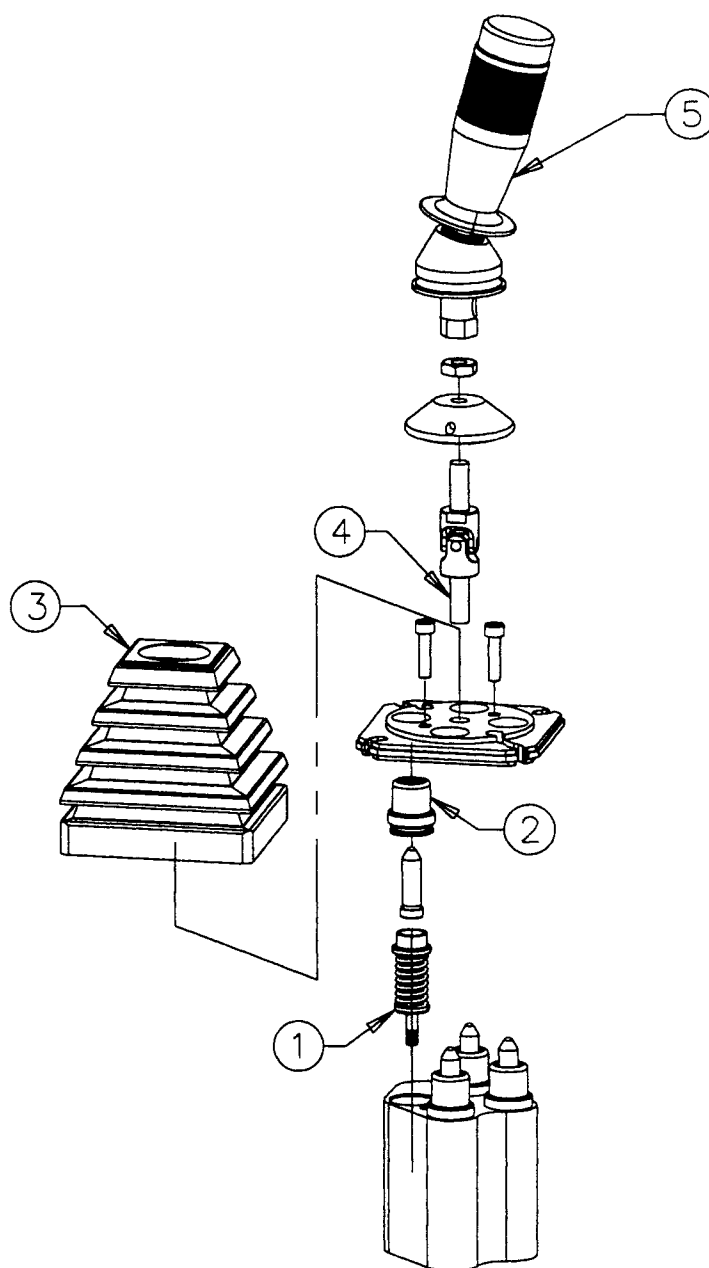
ITEM 3  
DFR CONTROL  
PARTS BREAKDOWN



| ITEM              | NUMBER    | DESCRIPTION                               | REQD               |
|-------------------|-----------|-------------------------------------------|--------------------|
| 1                 | 7-345-138 | HOUSING                                   | 1                  |
| 2                 | 7-345-139 | ROTARY GROUP CW                           | 1                  |
| 3                 | 7-345-140 | DFR CONTROL                               | 1                  |
| 4                 | 7-345-05  | PLUG                                      | 1                  |
| 5                 | 7-345-06  | O-RING (INCLUDED WITH ITEM 4) (*)         | 1                  |
| 6                 | 7-345-141 | SEEGER-V-RING                             | 1                  |
| 7                 | 7-345-142 | SHAFT SEAL (*)                            | 1                  |
| 8                 | 7-345-10  | ROD                                       | 1                  |
| 9                 | 7-345-11  | O-RING (*)                                | 1                  |
| 10                | 7-345-143 | PISTON                                    | 1                  |
| 11                | 7-345-144 | PLUG                                      | 1                  |
| 12                | 7-345-145 | SHAFT                                     | 1                  |
| 13                | 7-345-15  | TAPERED ROLLER BEARING                    | 1                  |
| 14                | 7-345-129 | PISTON                                    | 9                  |
| 15                | 7-345-130 | BARREL                                    | 1                  |
| 16                | 7-345-131 | LENS PLATE                                | 1                  |
| 17                | 7-345-132 | RETAINING PLATE                           | 1                  |
| 18                | 7-345-146 | SWASH PLATE BEARING (**)                  | 2                  |
| 19                | 7-345-147 | SWASH PLATE                               | 1                  |
| 20                | 7-345-148 | PRELOAD SHIM                              | 1                  |
| 21                | 7-345-19  | TAPERED ROLLER BEARING (**)               | 1                  |
| 22                | 7-345-149 | O-RING (*)                                | 1                  |
| 23                | 7-345-150 | QUAD RING (*)                             | 1                  |
| 24                | 7-345-22  | DOWEL PIN                                 | 1                  |
| 25                | 7-345-151 | BLOCK PORT ASSEMBLY                       | 1                  |
| 26                | 7-345-152 | CAPSCREW                                  | 4                  |
| 27                | 7-345-153 | SPRING                                    | 1                  |
| 28                | 7-345-91  | COUPLING                                  | 1                  |
| 29                | 7-345-88  | O-RING (*)                                | 1                  |
| 30                | 7-345-154 | CAPSCREW                                  | 2                  |
| 31                | 7-345-155 | WASHER                                    | 2                  |
| 32                | 7-345-133 | RETAINING BALL                            | 1                  |
| 33                | 7-345-134 | SPRING                                    | 1                  |
| 34                | 7-345-135 | PRESSURE PIN                              | 3                  |
| 35                | 7-345-136 | SNAP RING                                 | 1                  |
| 36                | 7-345-137 | DISC RETAINING CLIP                       | 1                  |
| 37                | 7-345-36  | ACORN NUT                                 | 2                  |
| 38                | 7-345-37  | USIT RING (*)                             | 6                  |
| 39                | 7-345-38  | JAM NUT                                   | 2                  |
| 40                | 7-345-39  | ADJUSTING SCREW                           | 2                  |
| 41                | 7-345-40  | O-RING (*)                                | 3                  |
| 42                | 7-345-41  | PLUG                                      | 2                  |
| 43                | 7-345-42  | CAPSCREW                                  | 4                  |
| 44                | 7-345-43  | PLUG                                      | 1                  |
| 45                | 7-345-45  | O-RING (INCLUDED WITH ITEM 44) (*)        | 1                  |
| 46                | 7-345-46  | O-RING (*)                                | 1                  |
| 47                | 7-345-06  | O-RING (*)                                | 1                  |
| 48                | 7-345-47  | O-RING (*)                                | 1                  |
| 49                | 7-345-52  | O-RING                                    | 3                  |
| 50                | 7-345-53  | BOLT                                      | 4                  |
| 51                | 7-345-49  | BLOCK                                     | 1                  |
| 52                | 7-345-50  | CARTRIDGE / 3-WAY                         | 1                  |
| 53                | 7-345-51  | SEAL KIT (FOR ITEM #52)                   | REF                |
| 54                | 7-345-114 | SEAL KIT / ITEMS MARKED (*)               | REF                |
| 55                | 7-345-156 | BEARING KIT / ITEMS MARKED (**)           | REF                |
| DRAWING<br>NUMBER | P4-2028   | HYDRAULIC PISTON PUMP / 7-345-56<br>TH528 | PAGE<br>NUMBER 46C |

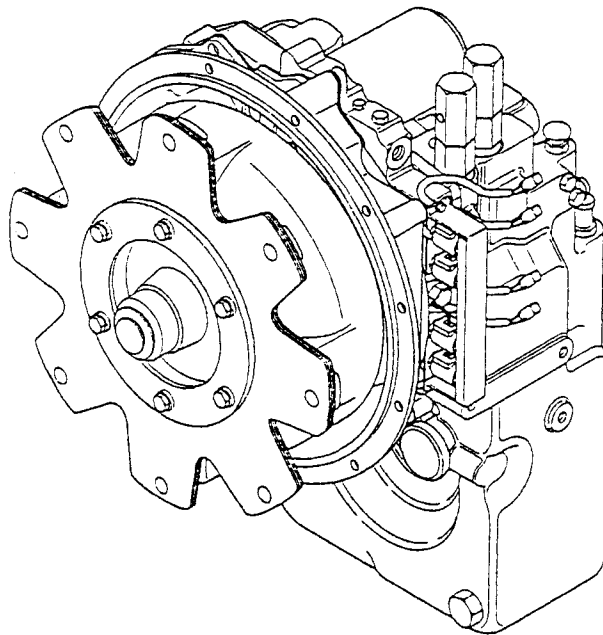


| ITEM | NUMBER   | DESCRIPTION             | REQD |
|------|----------|-------------------------|------|
| 1    | 7-370-03 | INLET SECTION ASSEMBLY  | 1    |
| 2    | 7-370-04 | SPOOL SECTION ASSEMBLY  | 1    |
| 3    | 7-370-05 | SPOOL SECTION ASSEMBLY  | 1    |
| 4    | 7-370-06 | SPOOL SECTION ASSEMBLY  | 1    |
| 5    | 7-370-07 | OUTLET SECTION ASSEMBLY | 1    |
| 6    | 7-370-08 | RELIEF VALVE ASSEMBLY   | 3    |
| 7    | 7-370-09 | TIE ROD                 | 2    |
| 8    | 7-370-10 | NUT                     | 4    |
| 9    | 7-370-11 | TIE ROD                 | 1    |
| 10   | 7-370-12 | NUT                     | 2    |
| 11   | 7-370-13 | PLUG                    | 1    |
| 12   | 7-370-14 | O-RING                  | 1    |



| ITEM | NUMBER   | DESCRIPTION              | REQD |
|------|----------|--------------------------|------|
| 1    | 7-358-16 | SPRING PACK              | 4    |
| 2    | 7-358-17 | GUIDE & SEAL ASSEMBLY    | 4    |
| 3    | 7-358-18 | BOOT                     | 1    |
| 4    | 7-358-19 | UNIVERSAL JOINT ASSEMBLY | 1    |
| 5    | 7-358-20 | COMPLETE HANDLE ASSEMBLY | 1    |

# TRANSMISSION PARTS BOOK TH528



DATE: 7-9-99  
CLARK T12000 SERIES  
INTERMEDIATE DROP

TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0248

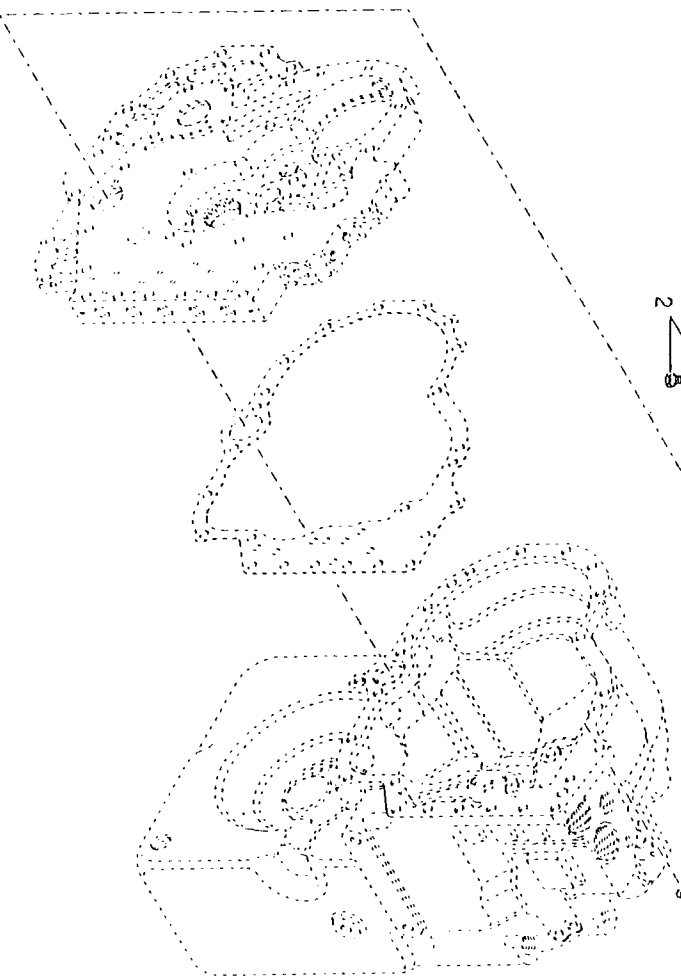
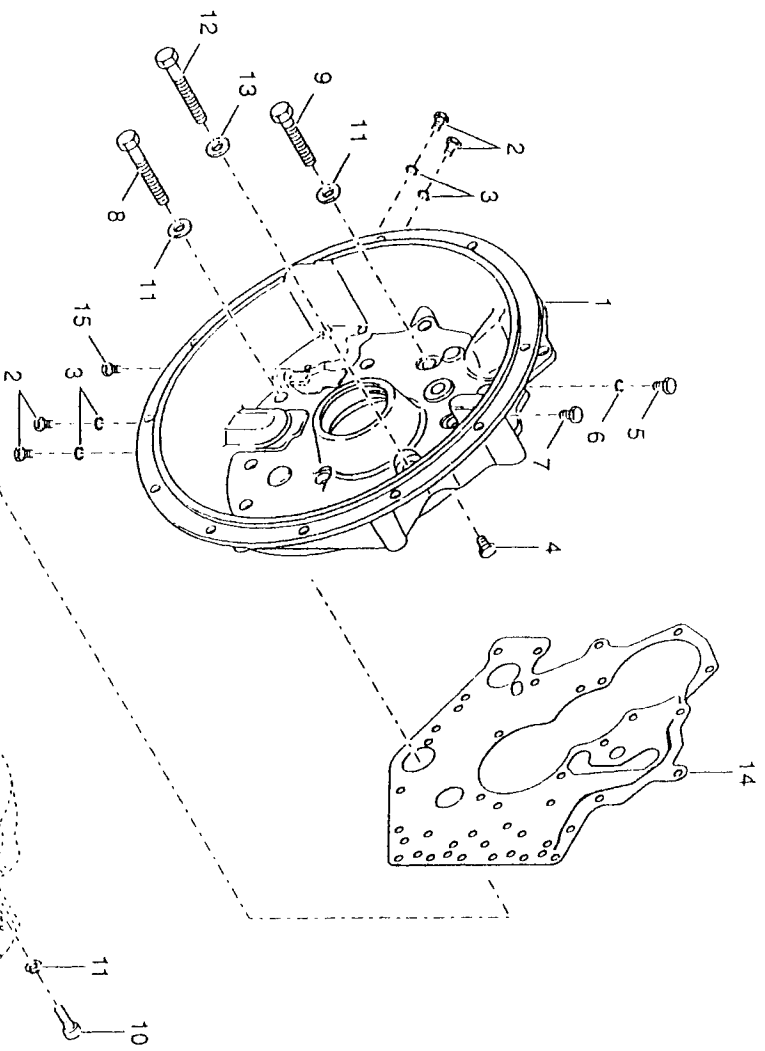
PH: (906) 353-6675; FAX: (906) 353-7543

INTERNET: <http://www.sqshooter.com>

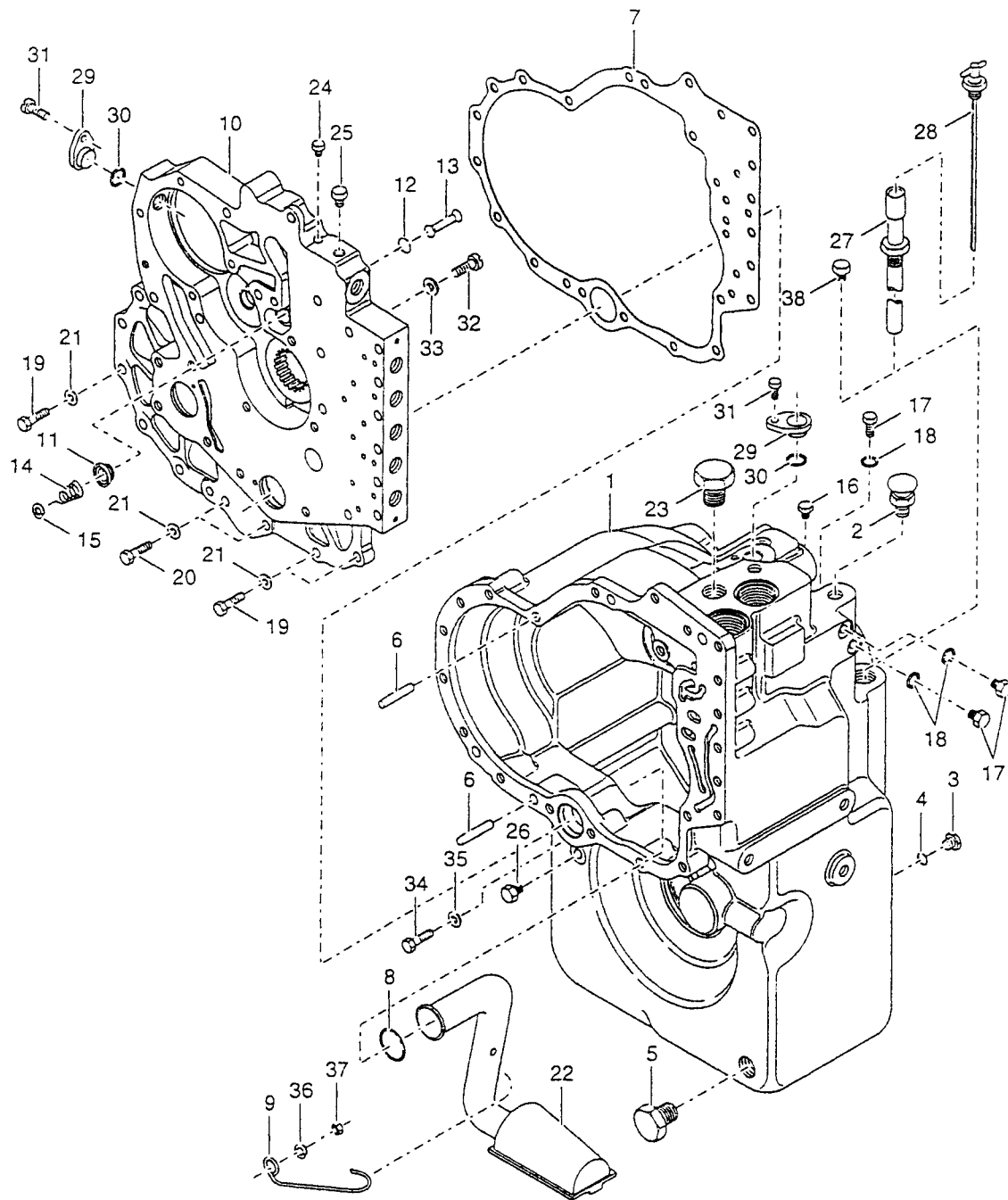


## INDEX

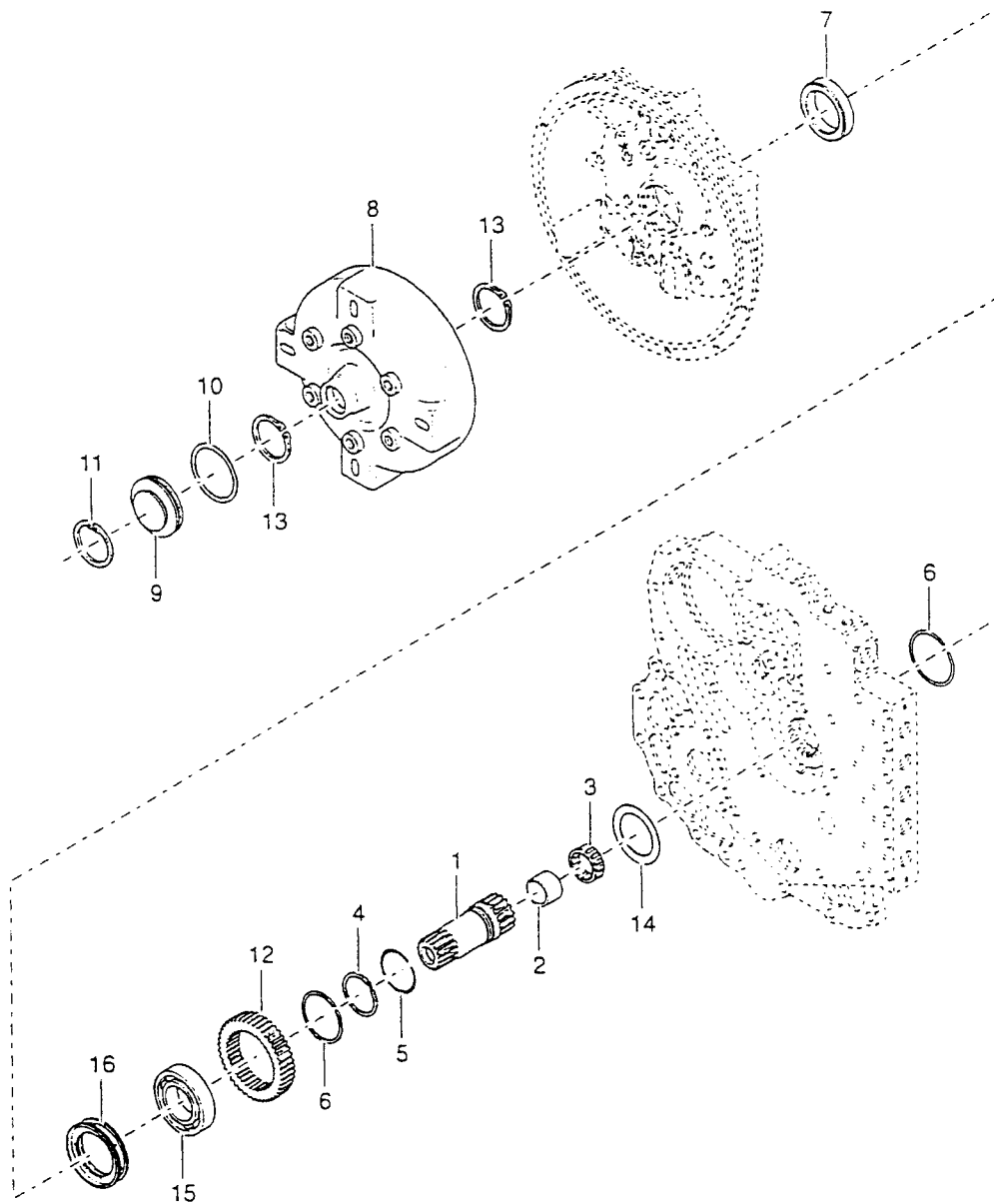
| PAGE | DESCRIPTION                            | DRAWING |
|------|----------------------------------------|---------|
| 1    | CONVERTER HOUSING GROUP.....           | P1-1244 |
| 2    | TRANSMISSION CASE AND PLATE GROUP..... | P1-1245 |
| 3    | TORQUE CONVERTER GROUP .....           | P1-1246 |
| 4    | GEAR GROUP .....                       | P1-1247 |
| 5    | PUMP DRIVE GROUP .....                 | P1-1248 |
| 6    | CHARGING PUMP GROUP .....              | P1-1249 |
| 7    | REVERSE IDLER GROUP .....              | P1-1250 |
| 8    | FORWARD AND REVERSE SHAFT GROUP .....  | P1-1251 |
| 9    | 3rd SHAFT GROUP .....                  | P1-1252 |
| 10   | FIRST AND SECOND SHAFT GROUP .....     | P1-1253 |
| 11   | OUTPUT SHAFT GROUP .....               | P1-1254 |
| 12   | ELECTRIC CONTROL GROUP .....           | P1-1255 |
| 13   | DRIVE PLATE GROUP .....                | P1-1256 |



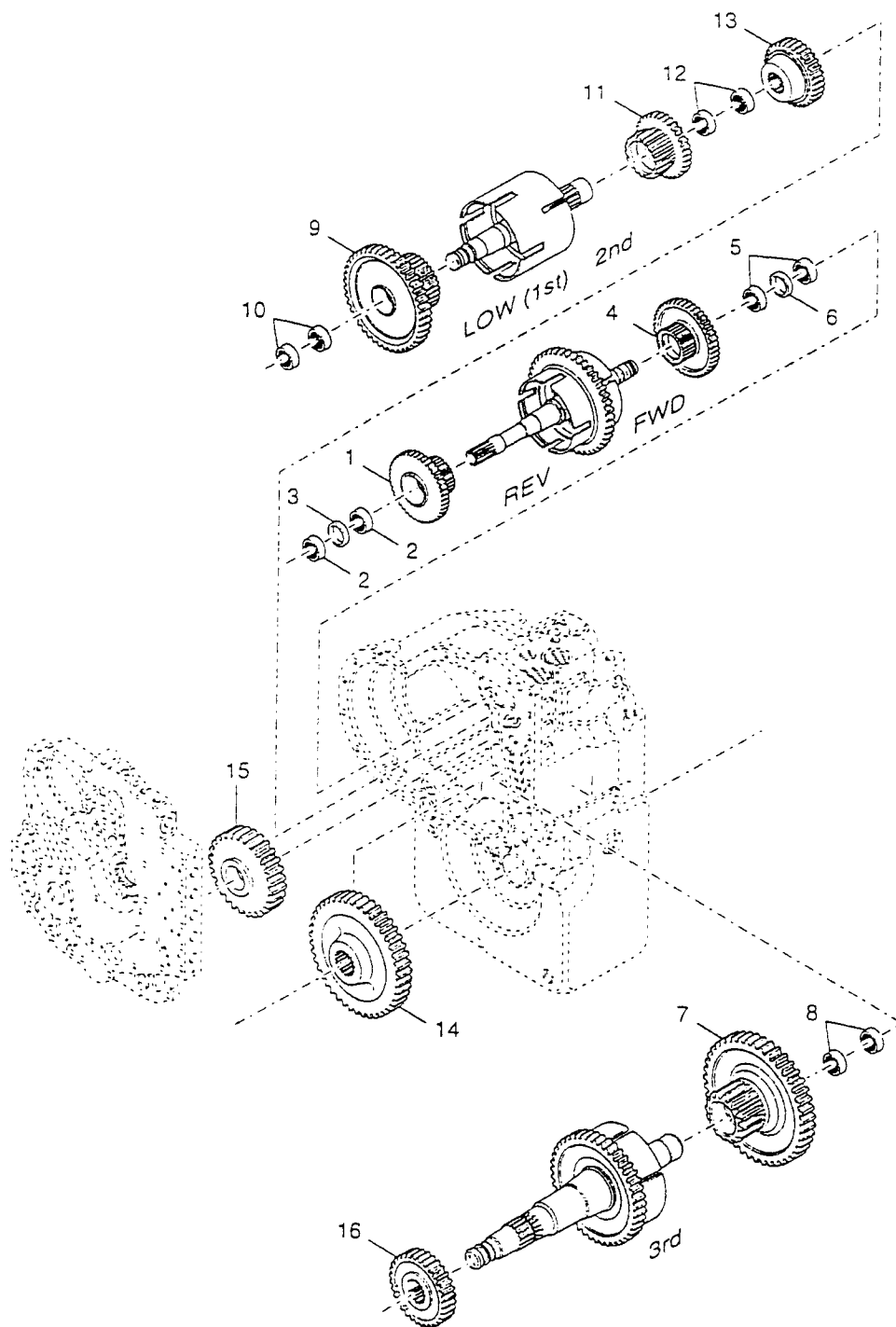
| ITEM | NUMBER    | DESCRIPTION            | REQD |
|------|-----------|------------------------|------|
| 1    | 7-126-384 | CONVERTER HOUSING      | 1    |
| 2    | 7-126-385 | PLUG (INCLUDES ITEM 3) | 4    |
| 3    | 7-126-386 | O-RING                 | 4    |
| 4    | 7-126-387 | PLUG                   | 1    |
| 5    | 7-126-385 | PLUG (INCLUDES ITEM 6) | 1    |
| 6    | 7-126-386 | O-RING                 | 1    |
| 7    | 7-126-04  | PLUG                   | 1    |
| 8    | 7-126-388 | SCREW                  | 6    |
| 9    | 7-126-389 | SCREW                  | 3    |
| 10   | 7-126-390 | SCREW                  | 1    |
| 11   | 7-126-391 | LOCKWASHER             | 10   |
| 12   | 7-126-389 | SCREW                  | 13   |
| 13   | 7-126-391 | LOCKWASHER             | 13   |
| 14   | 7-126-393 | GASKET                 | 1    |
| 15   | 7-126-392 | PLUG                   | 1    |



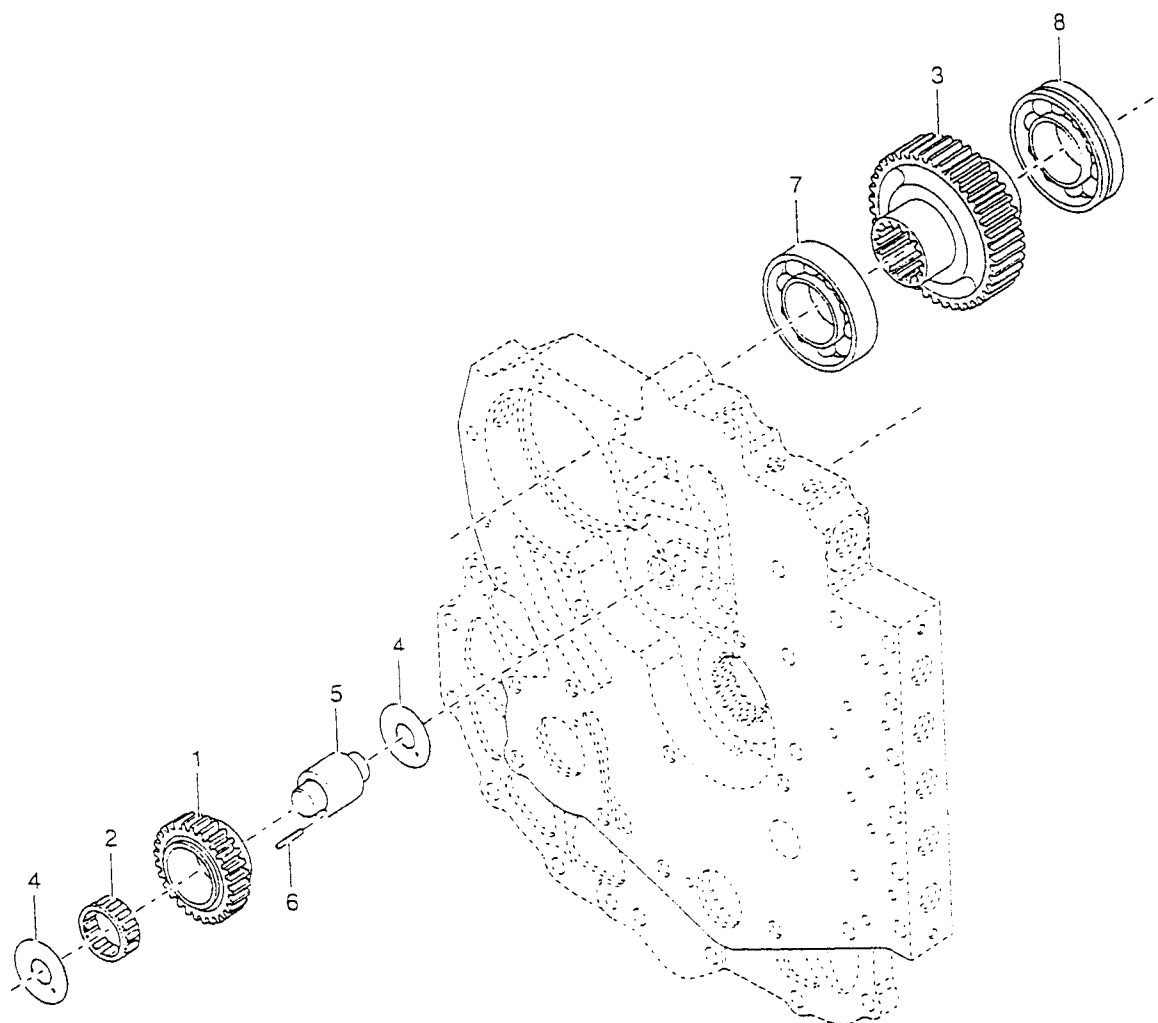
| ITEM | NUMBER    | DESCRIPTION              | REQD |
|------|-----------|--------------------------|------|
| 1    | 7-126-394 | TRANSMISSION CASE        | 1    |
| 2    | 7-126-05  | BREATHER                 | 1    |
| 3    | 7-126-395 | PLUG (INCLUDES ITEM 4)   | 2    |
| 4    | 7-126-358 | O-RING                   | 2    |
| 5    | 7-126-33  | PLUG / MAGNETIC DRAIN    | 1    |
| 6    | 7-126-396 | PIN                      | 2    |
| 7    | 7-126-357 | GASKET                   | 1    |
| 8    | 7-126-359 | RING                     | 1    |
| 9    | 7-126-397 | CLIP                     | 1    |
| 10   | 7-126-398 | SPACER                   | 1    |
| 11   | 7-126-399 | SEAT                     | 1    |
| 12   | 7-126-400 | SNAP RING                | 1    |
| 13   | 7-126-401 | POPPET                   | 1    |
| 14   | 7-126-402 | SPRING                   | 1    |
| 15   | 7-126-403 | WASHER                   | 1    |
| 16   | 7-126-387 | PLUG                     | 1    |
| 17   | 7-126-385 | PLUG (INCLUDES ITEM 18)  | 3    |
| 18   | 7-126-386 | O-RING                   | 3    |
| 19   | 7-126-387 | SCREW                    | 7    |
| 20   | 7-126-388 | SCREW                    | 2    |
| 21   | 7-126-391 | LOCKWASHER               | 9    |
| 22   | 7-126-392 | TUBE AND SCREEN ASSEMBLY | 1    |
| 23   | 7-126-265 | FILLER PLUG              | 1    |
| 24   | 7-126-387 | PLUG                     | 1    |
| 25   | 7-126-04  | PLUG                     | 1    |
| 26   | 7-126-393 | PLUG                     | 1    |
| 27   | 7-126-270 | DIPSTICK TUBE            | 1    |
| 28   | 7-126-394 | DIPSTICK ASSEMBLY        | 1    |
| 29   | 7-126-404 | PLUG                     | 2    |
| 30   | 7-126-356 | O-RING                   | 2    |
| 31   | 7-126-405 | SCREW                    | 2    |
| 32   | 7-126-406 | SCREW                    | 1    |
| 33   | 7-126-407 | WASHER                   | 1    |
| 34   | 7-126-408 | SCREW                    | 1    |
| 35   | 7-126-407 | WASHER                   | 1    |
| 36   | 7-126-409 | WASHER                   | 1    |
| 37   | 7-126-410 | NUT                      | 1    |



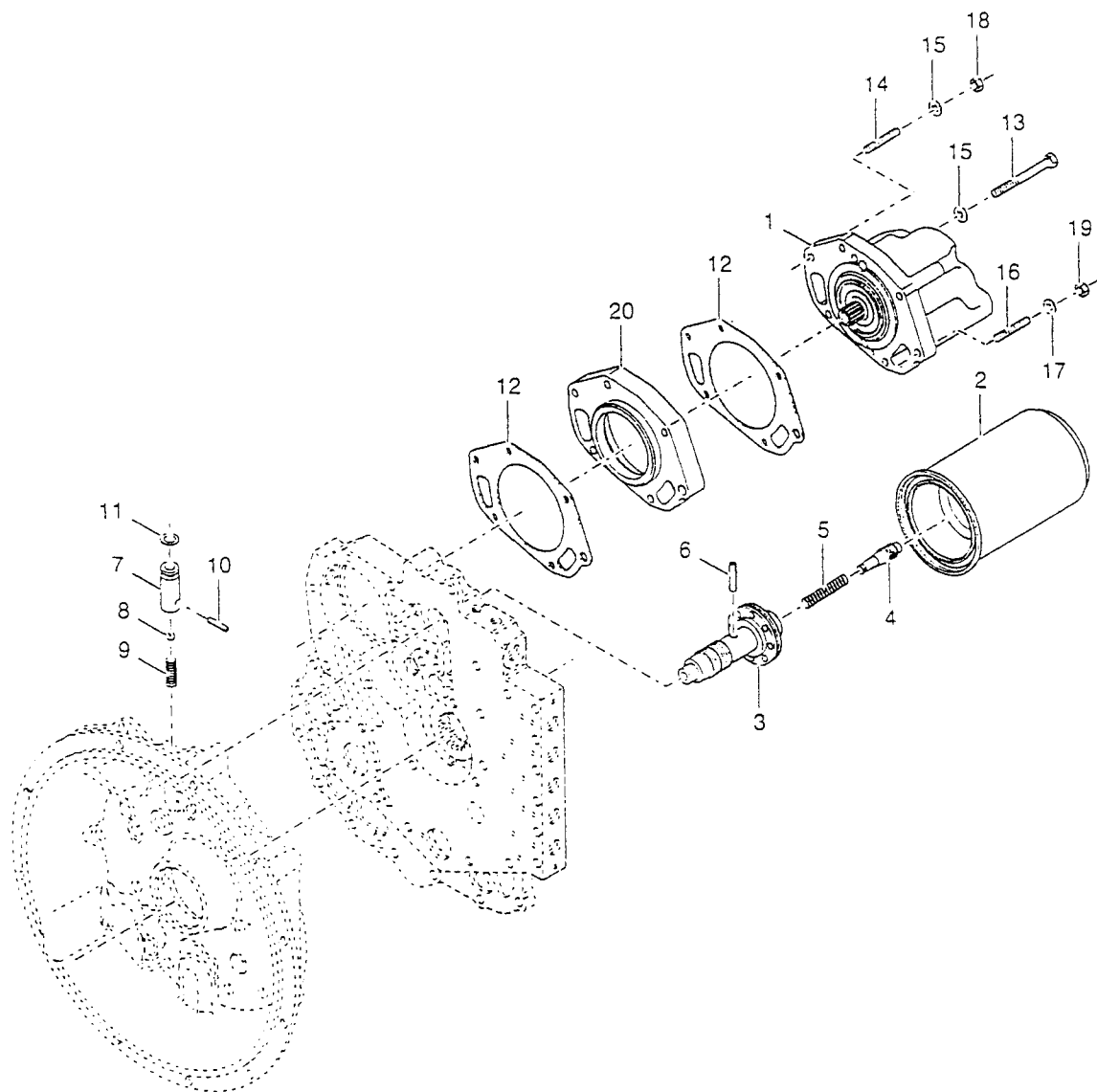
| ITEM | NUMBER    | DESCRIPTION                           | REQD |
|------|-----------|---------------------------------------|------|
| 1    | 7-126-411 | STATOR SUPPORT ASSY (INCL. ITEMS 2-3) | 1    |
| 2    | 7-126-412 | BUSHING                               | 1    |
| 3    | 7-126-413 | BEARING                               | 1    |
| 4    | 7-126-414 | STATOR SUPPORT PISTON RING            | 1    |
| 5    | 7-126-415 | EXPANDER                              | 1    |
| 6    | 7-126-416 | SNAP RING                             | 2    |
| 7    | 7-126-360 | SEAL                                  | 1    |
| 8    | 7-126-353 | TORQUE CONVERTER ASSEMBLY             | 1    |
| 9    | 7-126-234 | TORQUE CONVERTER PLUG                 | 1    |
| 10   | 7-126-233 | O-RING                                | 1    |
| 11   | 7-126-277 | SNAP RING                             | 1    |
| 12   | 7-126-417 | IMPELLER HUB GEAR                     | 1    |
| 13   | 7-126-418 | SNAP RING                             | 2    |
| 14   | 7-126-419 | WASHER                                | 1    |
| 15   | 7-126-420 | BEARING                               | 1    |
| 16   | 7-126-421 | OIL DISTRIBUTOR RING                  | 1    |



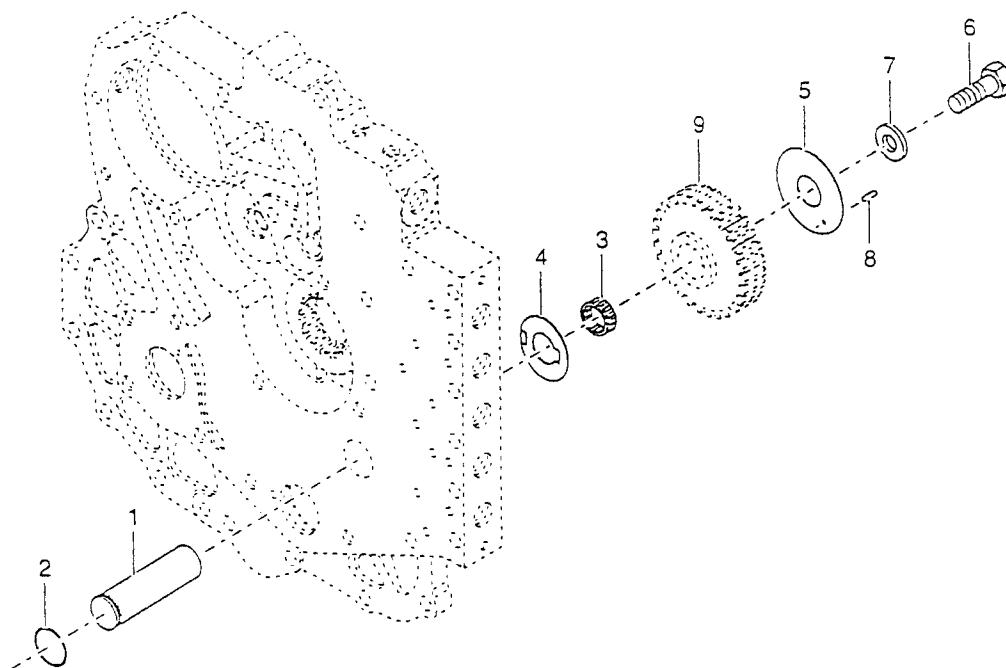
| ITEM | NUMBER    | DESCRIPTION                                | REQD |
|------|-----------|--------------------------------------------|------|
| 1    | 7-126-422 | REV CL. GEAR & BRNG ASSY (INCL. ITEMS 2-3) | 1    |
| 2    | 7-126-423 | BEARING                                    | 2    |
| 3    | 7-126-424 | SPACER                                     | 1    |
| 4    | 7-126-425 | FWD CL. GEAR & BRNG ASSY (INCL. ITEMS 5-6) | 1    |
| 5    | 7-126-423 | BEARING                                    | 2    |
| 6    | 7-126-424 | SPACER                                     | 1    |
| 7    | 7-126-428 | 3rd CL. GEAR & BRNG ASSY (INCL. ITEM 8)    | 1    |
| 8    | 7-126-429 | BEARING                                    | 2    |
| 9    | 7-126-430 | 1st CL. GEAR & BRNG ASSY (INCL. ITEM 10)   | 1    |
| 10   | 7-126-423 | BEARING                                    | 2    |
| 11   | 7-126-432 | 2nd CL. GEAR & BRNG ASSY (INCL. ITEM 12)   | 1    |
| 12   | 7-126-423 | BEARING                                    | 2    |
| 13   | 7-126-427 | 3rd DRIVEN GEAR                            | 1    |
| 14   | 7-126-426 | OUTPUT SHAFT GEAR                          | 1    |
| 15   | 7-126-431 | REVERSE IDLER GEAR                         | 1    |
| 16   | 7-126-433 | FIRST DRIVEN GEAR                          | 1    |



| ITEM | NUMBER    | DESCRIPTION                                | REQD |
|------|-----------|--------------------------------------------|------|
| 1    | 7-126-434 | PUMP DRIVE IDLER GEAR                      | 1    |
| 2    | 7-126-435 | BEARING                                    | 1    |
| 3    | 7-126-436 | PUMP DRIVE GEAR                            | 1    |
| 4    | 7-126-437 | PUMP DRIVE IDLER THRUST WASHER             | 2    |
| 5    | 7-126-438 | PUMP DRIVE SHAFT & PIN ASSY (INCL. ITEM 6) | 1    |
| 6    | 7-126-439 | ROLL PIN                                   | 1    |
| 7    | 7-126-440 | PUMP DRIVE GEAR BEARING                    | 1    |
| 8    | 7-126-441 | PUMP DRIVE GEAR BEARING                    | 1    |

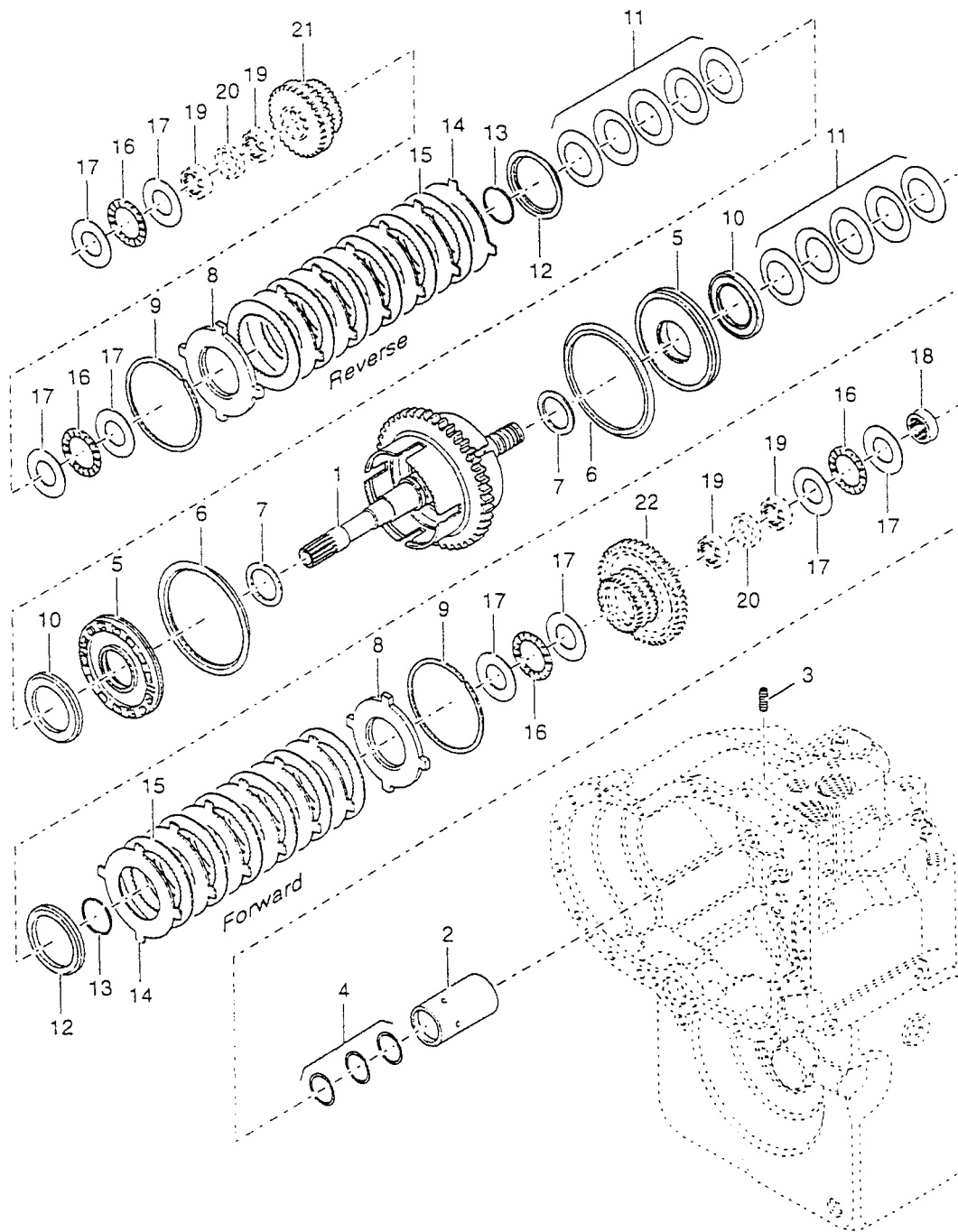


| ITEM | NUMBER    | DESCRIPTION                              | REQD |
|------|-----------|------------------------------------------|------|
| 1    | 7-126-350 | CHARGING PUMP ASSEMBLY                   | 1    |
| 2    | 7-126-349 | HYDRAULIC SPIN FILTER ASSEMBLY           | 1    |
| 3    | 7-126-442 | REGULATOR VALVE SLEEVE                   | 1    |
| 4    | 7-126-443 | REGULATOR VALVE PISTON                   | 1    |
| 5    | 7-126-444 | REGULATOR VALVE SPRING                   | 1    |
| 6    | 7-126-445 | PIN                                      | 1    |
| 7    | 7-126-446 | BALL CHECK VALVE ASSY (INCL. ITEMS 7-11) | 1    |
| 8    | 7-126-447 | BALL                                     | 1    |
| 9    | 7-126-448 | CHECK VALVE SPRING                       | 1    |
| 10   | 7-126-449 | CHECK VALVE PIN                          | 1    |
| 11   | 7-126-361 | O-RING                                   | 1    |
| 12   | 7-126-362 | CHARGING PUMP GASKET                     | 2    |
| 13   | 7-126-450 | PUMP MOUNTING SCREW                      | 4    |
| 14   | 7-126-451 | PUMP MOUNTING STUD                       | 1    |
| 15   | 7-126-452 | LOCKWASHER                               | 5    |
| 16   | 7-126-453 | PUMP MOUNTING STUD                       | 1    |
| 17   | 7-126-391 | LOCKWASHER                               | 1    |
| 18   | 7-126-454 | NUT                                      | 1    |
| 19   | 7-126-410 | NUT                                      | 1    |
| 20   | 7-126-455 | PUMP ADAPTOR                             | 1    |
| 21   | 7-126-456 | REGULATOR VALVE ASSY (INCL. ITEMS 3-6)   | 1    |

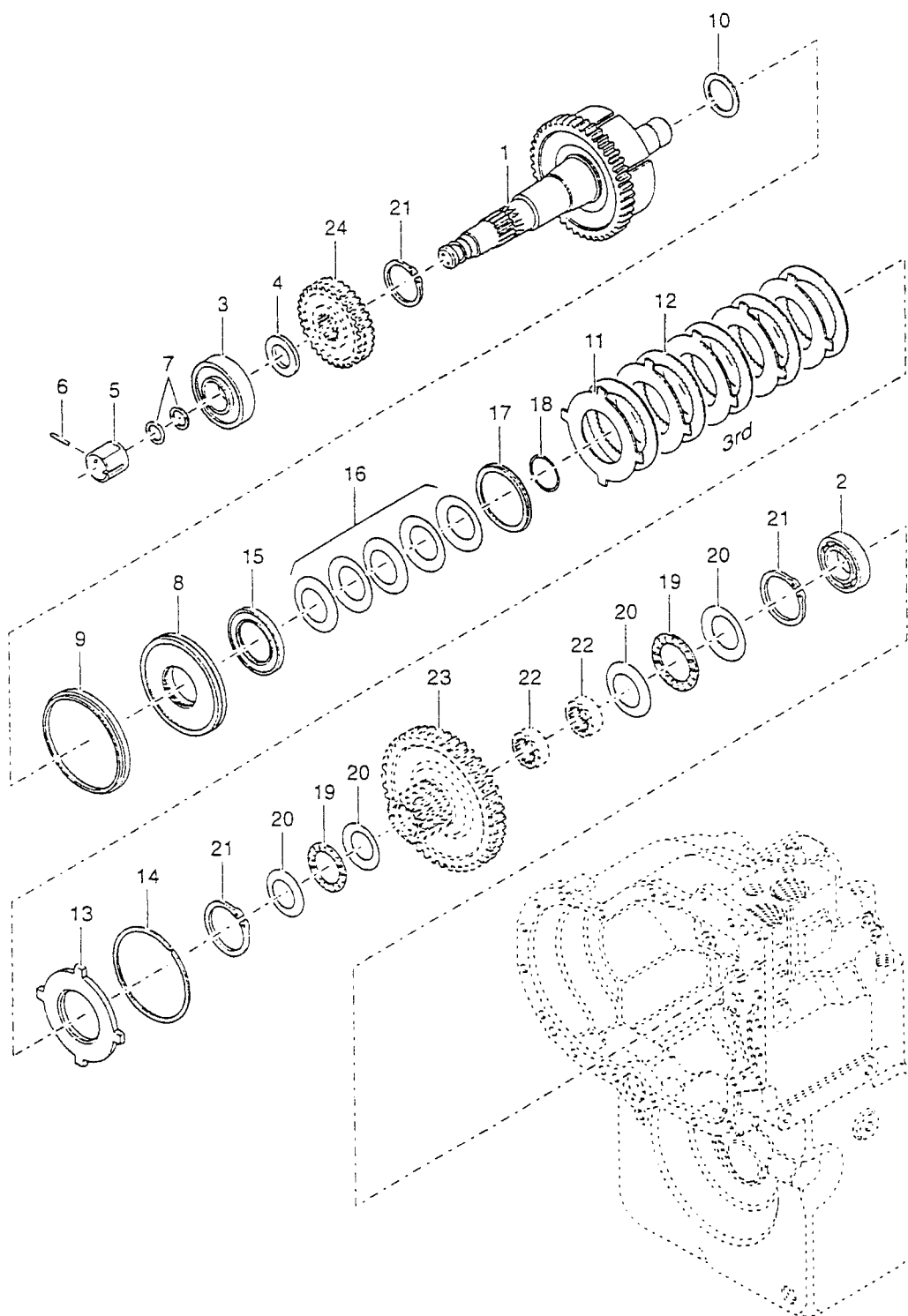


| ITEM | NUMBER    | DESCRIPTION                | REQD |
|------|-----------|----------------------------|------|
| 1    | 7-126-457 | IDLER & PILOT SHAFT        | 1    |
| 2    | 7-126-458 | IDLER SHAFT SNAP RING      | 1    |
| 3    | 7-126-459 | REVERSE IDLER GEAR BEARING | 1    |
| 4    | 7-126-460 | THRUST WASHER              | 1    |
| 5    | 7-126-461 | END PLATE                  | 1    |
| 6    | 7-126-462 | CAPSCREW                   | 1    |
| 7    | 7-126-463 | WASHER                     | 1    |
| 8    | 7-126-464 | ROLL PIN                   | 1    |
| 9    | 7-126-431 | REVERSE IDLER GEAR         | 1    |

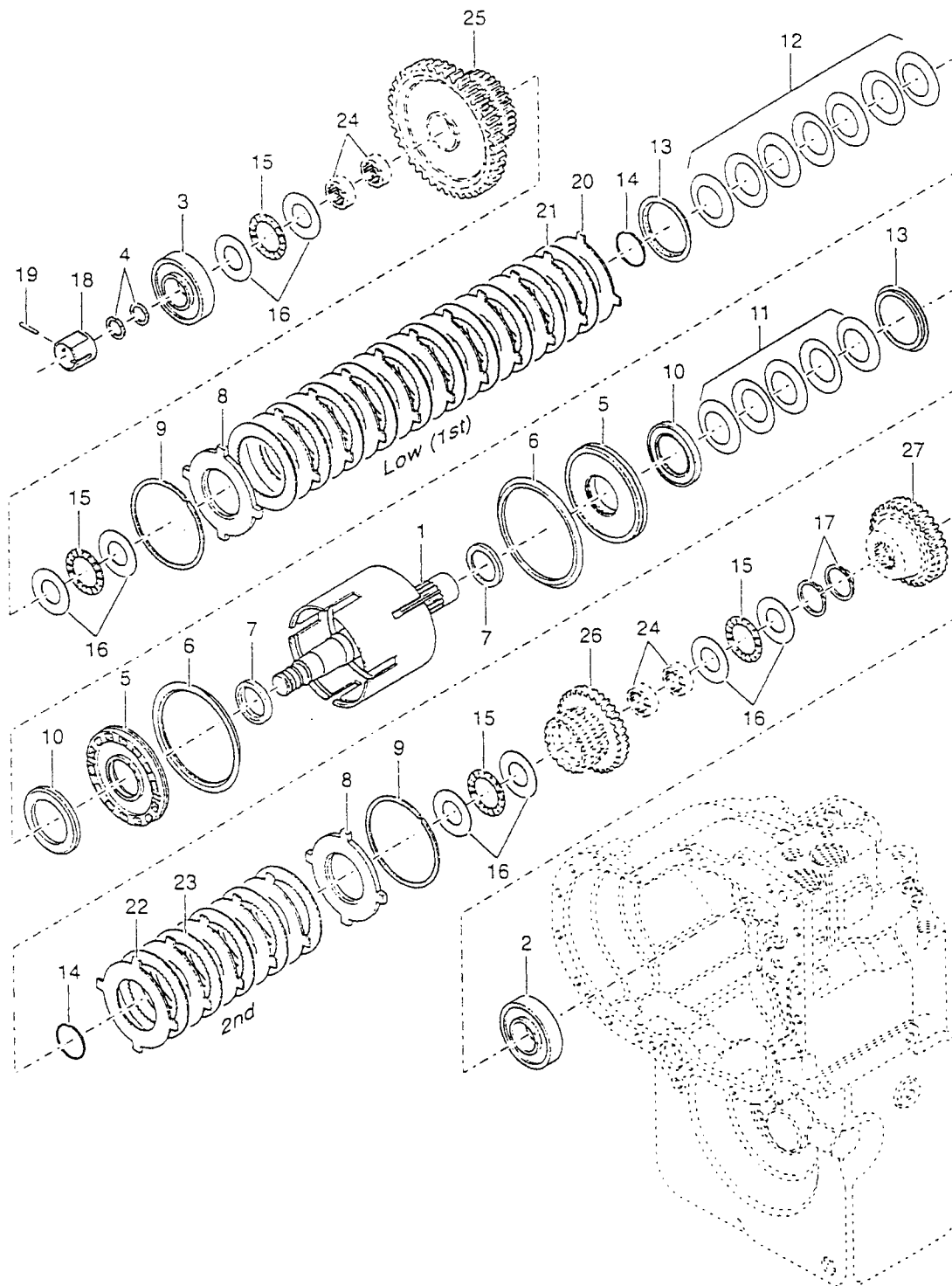
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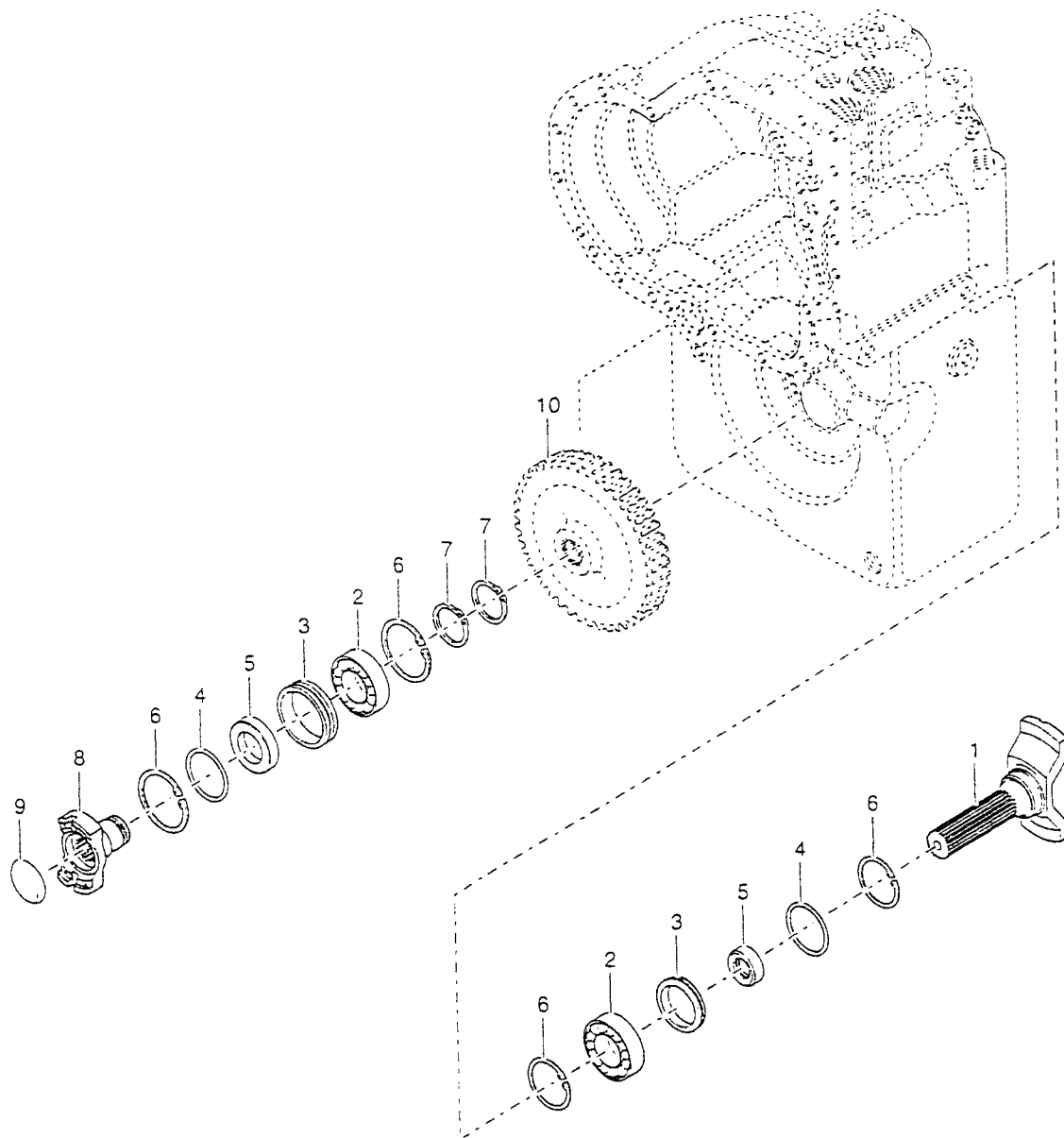
| ITEM | NUMBER    | DESCRIPTION                           | REQD |
|------|-----------|---------------------------------------|------|
| 1    | 7-126-465 | TURBINE SHAFT DRUM & PLUG ASSY        | 1    |
| 2    | 7-126-466 | OIL DISTRIBUTOR SLEEVE                | 1    |
| 3    | 7-126-467 | RETAINER SCREW                        | 1    |
| 4    | 7-126-468 | PISTON RING                           | 3    |
| 5    | 7-126-469 | PISTON & SEALS ASSY (INCL. ITEMS 6-7) | 2    |
| 6    | 7-126-470 | OUTER CLUTCH PISTON SEAL              | 2    |
| 7    | 7-126-471 | INNER CLUTCH PISTON SEAL              | 2    |
| 8    | 7-126-472 | END PLATE                             | 2    |
| 9    | 7-126-473 | SNAP RING                             | 2    |
| 10   | 7-126-474 | CLUTCH PISTON WEAR PLATE              | 2    |
| 11   | 7-126-475 | DISC SPRING ASSEMBLY                  | 2    |
| 12   | 7-126-476 | SNAP RING RETAINER                    | 2    |
| 13   | 7-126-477 | SNAP RING                             | 2    |
| 14   | 7-126-478 | OUTER DISC (6 FORWARD / 6 REVERSE)    | 12   |
| 15   | 7-126-479 | INNER DISC (6 FORWARD / 6 REVERSE)    | 12   |
| 16   | 7-126-480 | CLUTCH GEAR THRUST BEARING            | 4    |
| 17   | 7-126-481 | WASHER                                | 8    |
| 18   | 7-126-482 | REAR TURBINE SHAFT BEARING            | 1    |
| 19   |           | CL. GEAR BRNG (SEE GEAR GROUP)        | 4    |
| 20   |           | CL. GEAR BRNG SPACER (SEE GEAR GROUP) | 2    |
| 21   |           | REV CLUTCH GEAR (SEE GEAR GROUP)      | 1    |
| 22   |           | FWD CLUTCH GEAR (SEE GEAR GROUP)      | 1    |



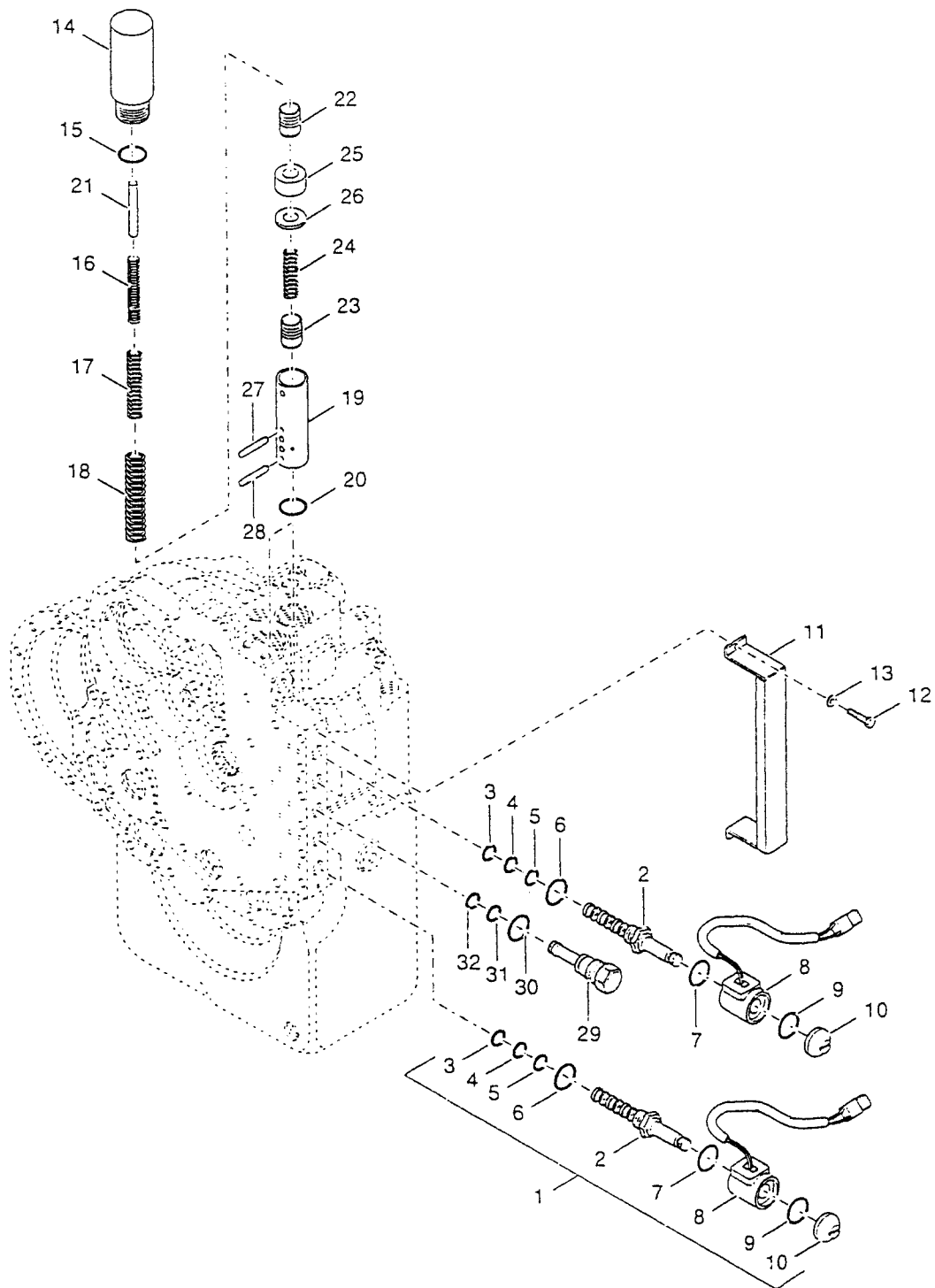
| ITEM | NUMBER    | DESCRIPTION                               | REQD |
|------|-----------|-------------------------------------------|------|
| 1    | 7-126-483 | 3rd SHAFT, DRUM, & PLUG ASSY              | 1    |
| 2    | 7-126-484 | ROLLER BEARING                            | 1    |
| 3    | 7-126-485 | BEARING & SEAL ASSY                       | 1    |
| 4    | 7-126-486 | BEARING SUPPORT WASHER                    | 1    |
| 5    | 7-126-487 | OIL DISTRIBUTOR SLEEVE                    | 1    |
| 6    | 7-126-488 | SCREW                                     | 1    |
| 7    | 7-126-468 | PISTON RING                               | 2    |
| 8    | 7-126-489 | PISTON & SEALS ASSY (INCLUDES ITEMS 9-10) | 1    |
| 9    | 7-126-470 | OUTER CLUTCH PISTON SEAL                  | 1    |
| 10   | 7-126-471 | INNER CLUTCH PISTON SEAL                  | 1    |
| 11   | 7-126-478 | OUTER DISC                                | 5    |
| 12   | 7-126-479 | INNER DISC                                | 5    |
| 13   | 7-126-472 | END PLATE                                 | 1    |
| 14   | 7-126-473 | SNAP RING                                 | 1    |
| 15   | 7-126-474 | CLUTCH PISTON WEAR PLATE                  | 1    |
| 16   | 7-126-475 | DISC SPRING ASSY (INCL. 5 WASHERS)        | 1    |
| 17   | 7-126-476 | SNAP RING RETAINER                        | 1    |
| 18   | 7-126-477 | SNAP RING                                 | 1    |
| 19   | 7-126-490 | NEEDLE ROLLER THRUST BEARING              | 2    |
| 20   | 7-126-491 | THRUST WASHER                             | 4    |
| 21   | 7-126-492 | SNAP RING                                 | 3    |
| 22   | 7-126-429 | 3rd CLUTCH GEAR BEARING (SEE GEAR GROUP)  | 2    |
| 23   |           | 3rd CLUTCH GEAR (SEE GEAR GROUP)          | 1    |
| 24   |           | FIRST DRIVE GEAR (SEE GEAR GROUP)         | 1    |



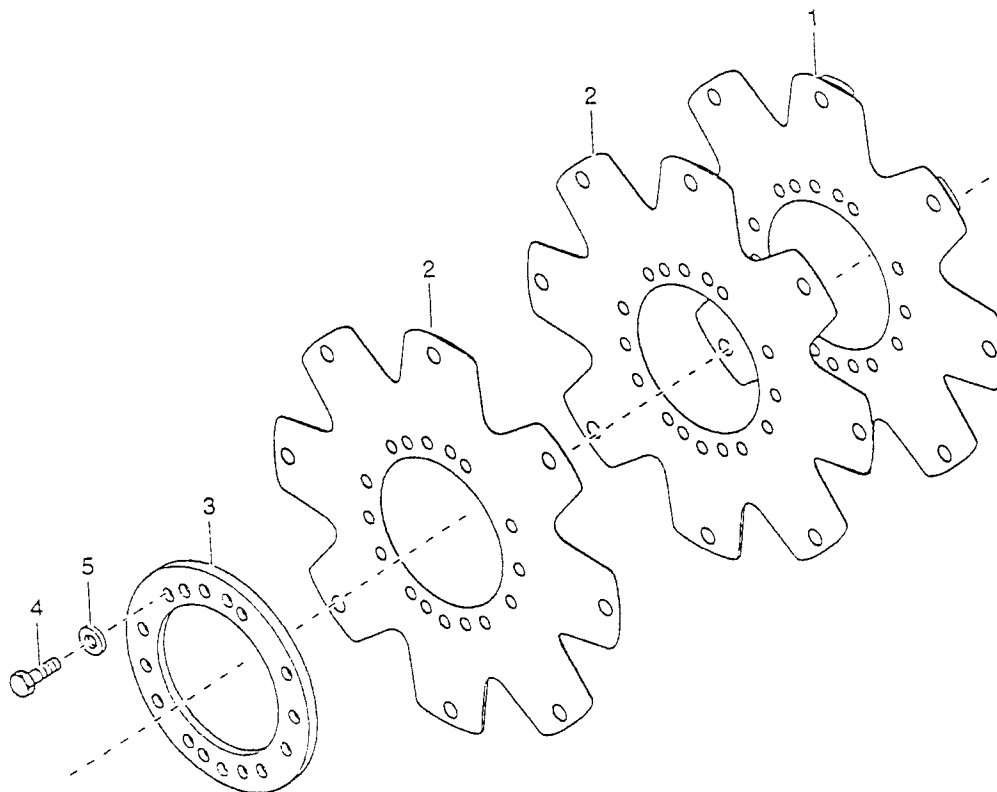
| ITEM | NUMBER    | DESCRIPTION                              | REQD |
|------|-----------|------------------------------------------|------|
| 1    | 7-126-493 | 1st & 2nd SHAFT, DRUM, PLUG, & SEAT ASSY | 1    |
| 2    | 7-126-494 | ROLLER BEARING                           | 1    |
| 3    | 7-126-485 | BEARING & SEAL ASSY                      | 1    |
| 4    | 7-126-468 | PISTON RING                              | 2    |
| 5    | 7-126-495 | PISTON & SEALS ASSY (INCL. ITEMS 6 & 7)  | 2    |
| 6    | 7-126-470 | OUTER CLUTCH PISTON SEAL                 | 2    |
| 7    | 7-126-471 | INNER CLUTCH PISTON SEAL                 | 2    |
| 8    | 7-126-472 | END PLATE                                | 2    |
| 9    | 7-126-473 | SNAP RING                                | 2    |
| 10   | 7-126-474 | CLUTCH PISTON WEAR PLATE                 | 2    |
| 11   | 7-126-475 | 2nd DISC SPRING ASSY (INCL. 5 WASHERS)   | 1    |
| 12   | 7-126-496 | 1st DISC SPRING ASSY (INCL. 7 WASHERS)   | 1    |
| 13   | 7-126-476 | SNAP RING RETAINER                       | 2    |
| 14   | 7-126-477 | SNAP RING                                | 2    |
| 15   | 7-126-480 | CLUTCH GEAR THRUST BEARING               | 4    |
| 16   | 7-126-481 | CLUTCH GEAR THRUST WASHER                | 8    |
| 17   | 7-126-497 | SNAP RING                                | 2    |
| 18   | 7-126-498 | OIL DISTRIBUTOR SLEEVE                   | 1    |
| 19   | 7-126-499 | SLEEVE RETAINING SCREW                   | 1    |
| 20   | 7-126-478 | OUTER DISC (1st)                         | 10   |
| 21   | 7-126-479 | INNER DISC (1st)                         | 10   |
| 22   | 7-126-478 | OUTER DISC (2nd)                         | 5    |
| 23   | 7-126-479 | INNER DISC (2nd)                         | 5    |
| 24   | 7-126-423 | CLUTCH GEAR BEARING (SEE GEAR GROUP)     | 4    |
| 25   |           | 1st CLUTCH GEAR (SEE GEAR GROUP)         | 1    |
| 26   |           | 2nd CLUTCH GEAR (SEE GEAR GROUP)         | 1    |
| 27   |           | 3rd DRIVEN GEAR (SEE GEAR GROUP)         | 1    |



| ITEM | NUMBER    | DESCRIPTION                              | REQD |
|------|-----------|------------------------------------------|------|
| 1    | 7-126-500 | OUTPUT SHAFT                             | 1    |
| 2    | 7-126-307 | OUTPUT SHAFT BEARING                     | 2    |
| 3    | 7-126-368 | OIL SEAL SLEEVE                          | 2    |
| 4    | 7-126-366 | O-RING                                   | 2    |
| 5    | 7-126-367 | OUTPUT SHAFT OIL SEAL                    | 2    |
| 6    | 7-126-365 | SNAP RING                                | 4    |
| 7    | 7-126-369 | SNAP RING                                | 2    |
| 8    | 7-126-364 | OUTPUT FLANGE & PLUG ASSY (INCL. ITEM 9) | 1    |
| 9    | 7-126-363 | FLANGE PLUG                              | 1    |
| 10   | 7-126-426 | OUTPUT SHAFT GEAR (SEE GEAR GROUP)       | 1    |

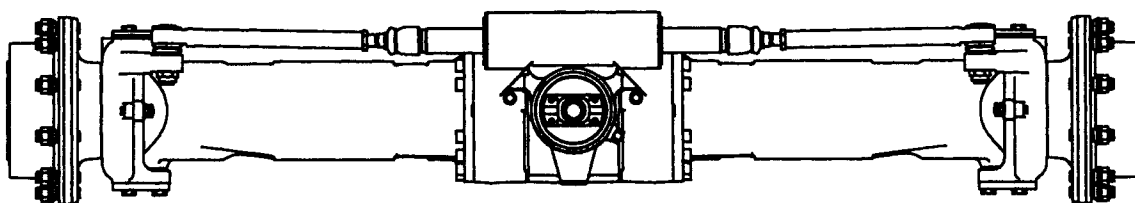


| ITEM | NUMBER    | DESCRIPTION                             | REQD |
|------|-----------|-----------------------------------------|------|
| 1    | 7-126-382 | SOLENOID ASSEMBLY (INCLUDES ITEMS 2-10) | 4    |
| 2    | 7-126-380 | 4-WAY VALVE CARTRIDGE (INCL. ITEMS 3-6) | 4    |
| 3    | 7-126-376 | O-RING                                  | 4    |
| 4    | 7-126-377 | O-RING                                  | 4    |
| 5    | 7-126-378 | O-RING                                  | 4    |
| 6    | 7-126-379 | O-RING                                  | 4    |
| 7    | 7-126-374 | O-RING                                  | 4    |
| 8    | 7-126-375 | SOLENOID COIL (12V)                     | 4    |
| 9    | 7-126-374 | O-RING                                  | 4    |
| 10   | 7-126-373 | NUT                                     | 4    |
| 11   | 7-126-501 | PROTECTIVE COVER                        | 1    |
| 12   | 7-126-502 | SCREW                                   | 2    |
| 13   | 7-126-503 | LOCKWASHER                              | 2    |
| 14   | 7-126-504 | MODULATOR VALVE HOUSING                 | 2    |
| 15   | 7-126-371 | O-RING                                  | 2    |
| 16   | 7-126-505 | INNER SPRING                            | 2    |
| 17   | 7-126-506 | MIDDLE SPRING                           | 2    |
| 18   | 7-126-507 | OUTER SPRING                            | 2    |
| 19   | 7-126-508 | MODULATION VALVE SLEEVE                 | 2    |
| 20   | 7-126-372 | O-RING                                  | 2    |
| 21   | 7-126-63  | PIN                                     | 2    |
| 22   | 7-126-509 | ACCUMULATOR SPOOL                       | 2    |
| 23   | 7-126-510 | REGULATOR SPOOL                         | 2    |
| 24   | 7-126-511 | MODULATOR VALVE SPOOL                   | 2    |
| 25   | 7-126-512 | SPRING RETAINER                         | 2    |
| 26   | 7-126-513 | SPRING SPACER                           | 2    |
| 27   | 7-126-514 | UPPER PIN                               | 2    |
| 28   | 7-126-515 | LOWER PIN                               | 2    |
| 29   | 7-126-381 | SOLENOID BORE PLUG                      | 1    |
| 30   | 7-126-379 | O-RING                                  | 1    |
| 31   | 7-126-378 | O-RING                                  | 1    |
| 32   | 7-126-376 | O-RING                                  | 1    |



| ITEM | NUMBER    | DESCRIPTION                               | REQD |
|------|-----------|-------------------------------------------|------|
| 1    | 7-126-383 | DRIVE PLATE ASSY (INCL. IN ITEM 6-N.S.S.) | 1    |
| 2    | 7-126-383 | DRIVE PLATE (INCL. IN ITEM 6-N.S.S.)      | 2    |
| 3    | 7-126-60  | DRIVE PLATE BACKING RING                  | 1    |
| 4    | 7-126-516 | SCREW                                     | 6    |
| 5    | 7-126-54  | LOCKWASHER                                | 6    |
| 6    | 7-126-383 | DRIVE PLATE KIT (INCLUDES ITEMS 1-5)      | 1    |

# FRONT AXLE PARTS BOOK TH528



DATE: 8-30-99  
CARRARO 26.25M SERIES  
7-368-11 STEERING CYLINDER

## TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0248

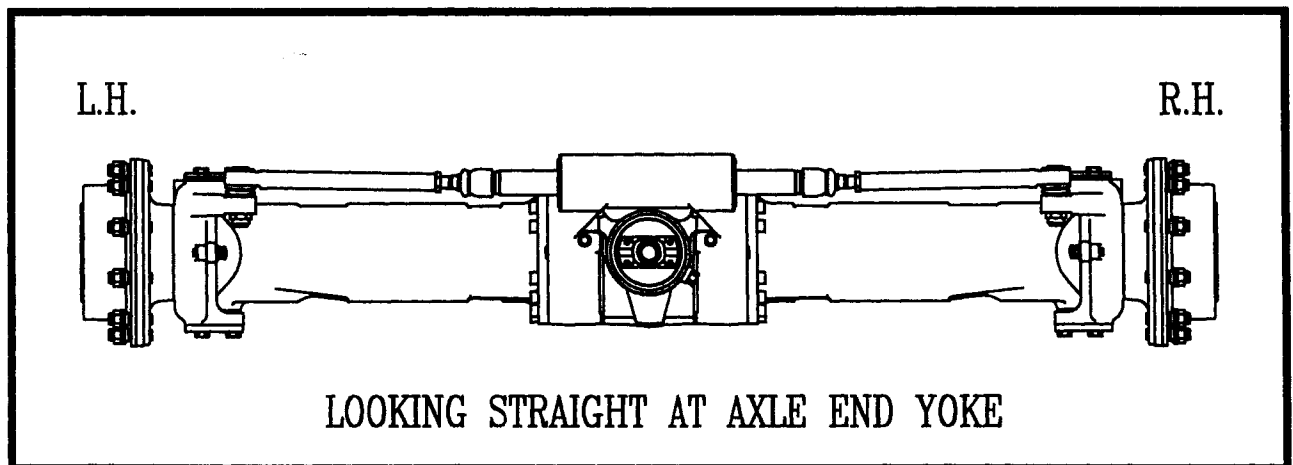
PH: (906) 353-6675; FAX: (906) 353-7543

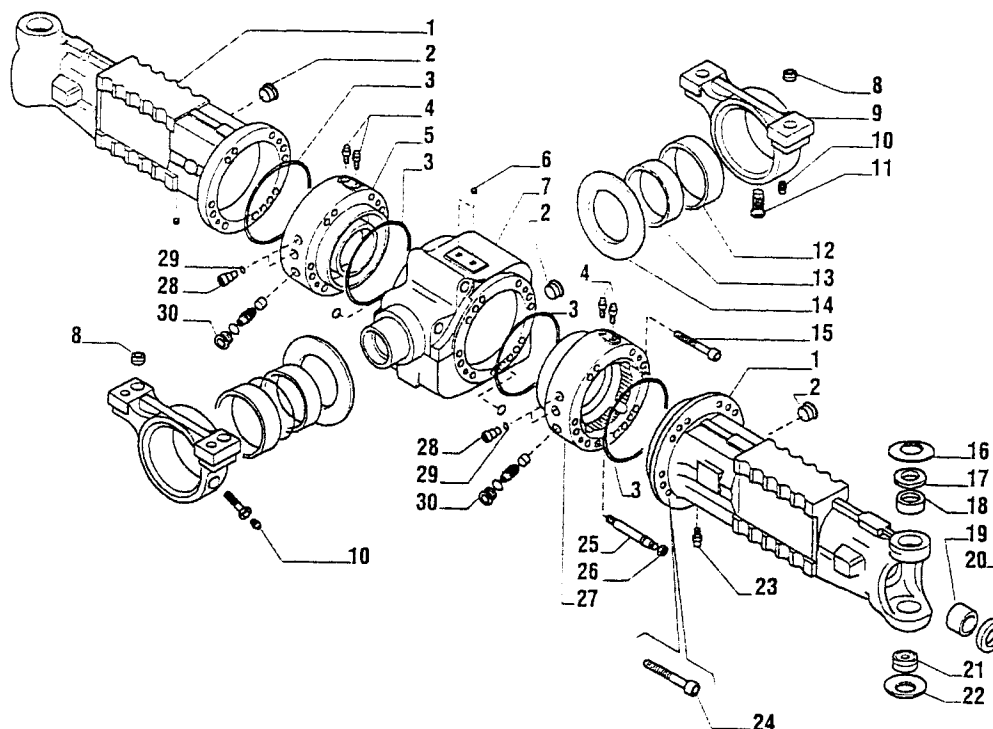
INTERNET: <http://www.sqshooter.com>



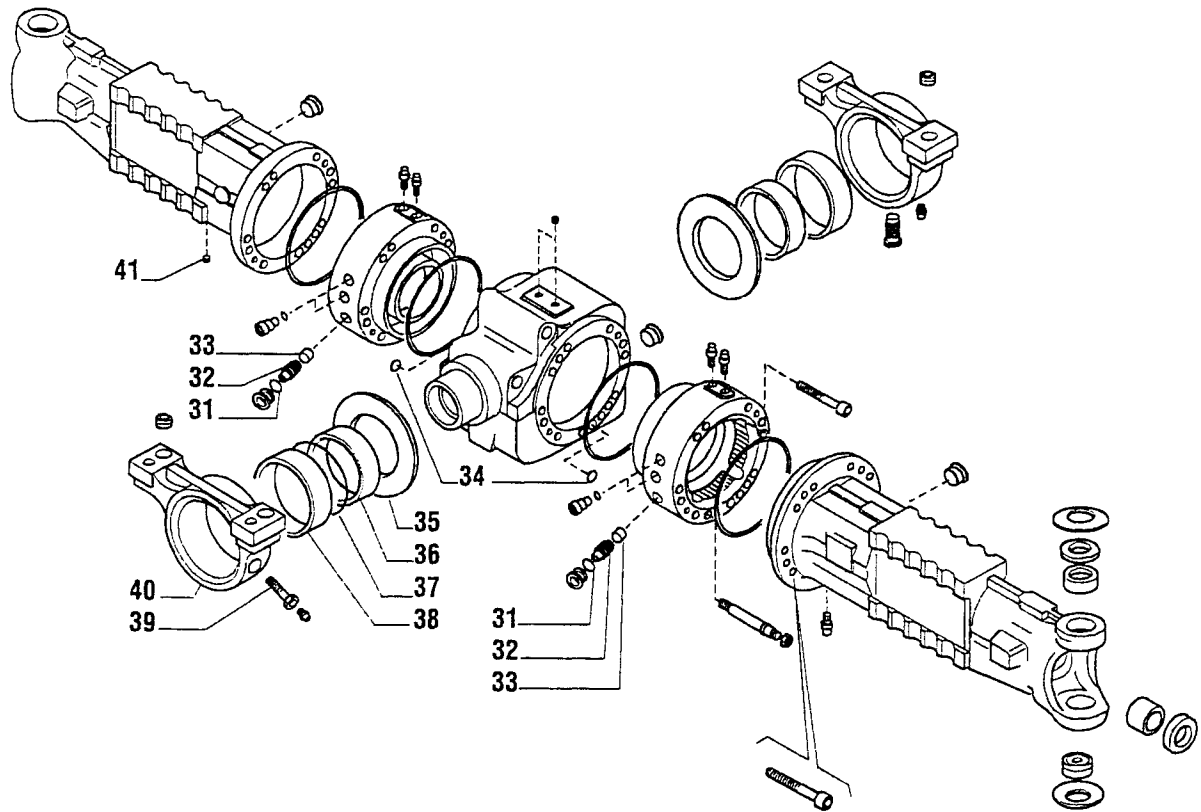
# AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE  
FIGURE BELOW AS A REFERENCE IN DETERMINING  
LEFT OR RIGHT HAND SIDE

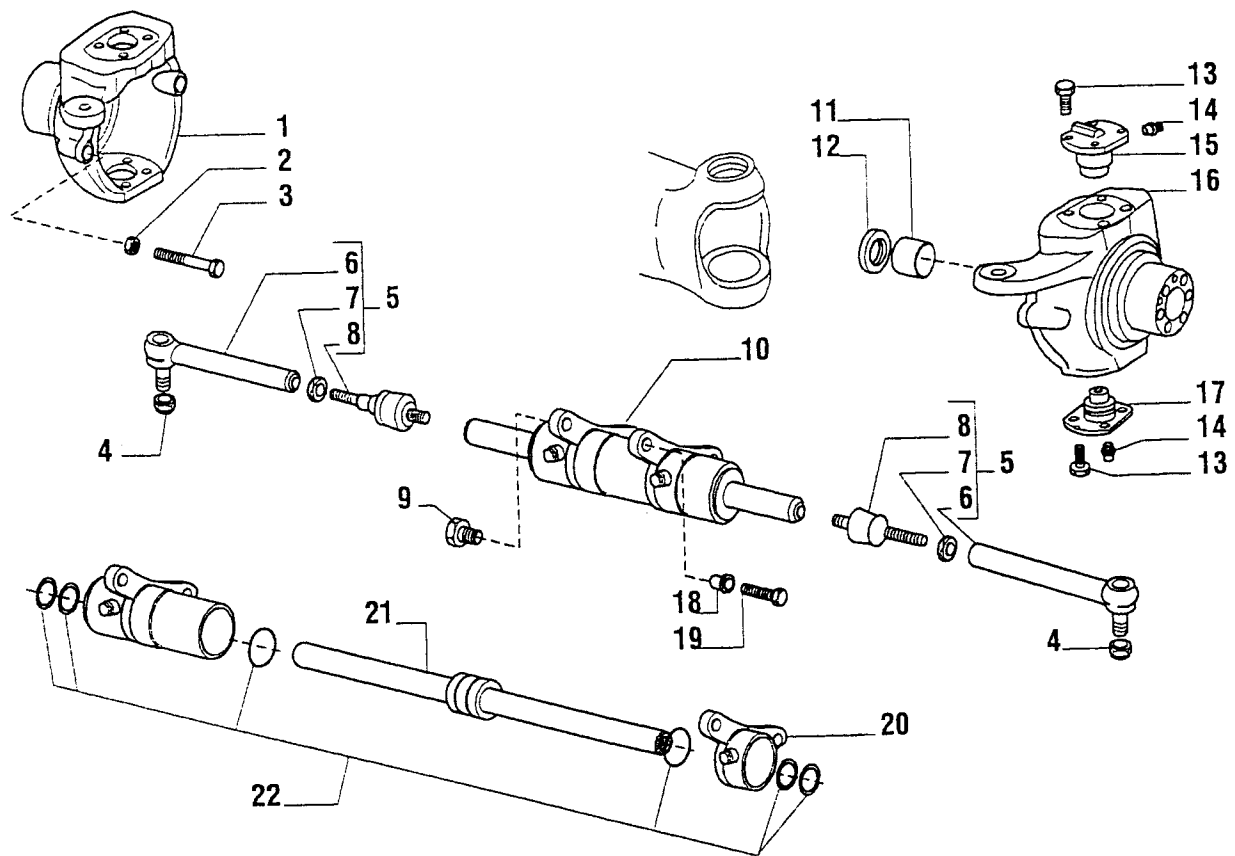




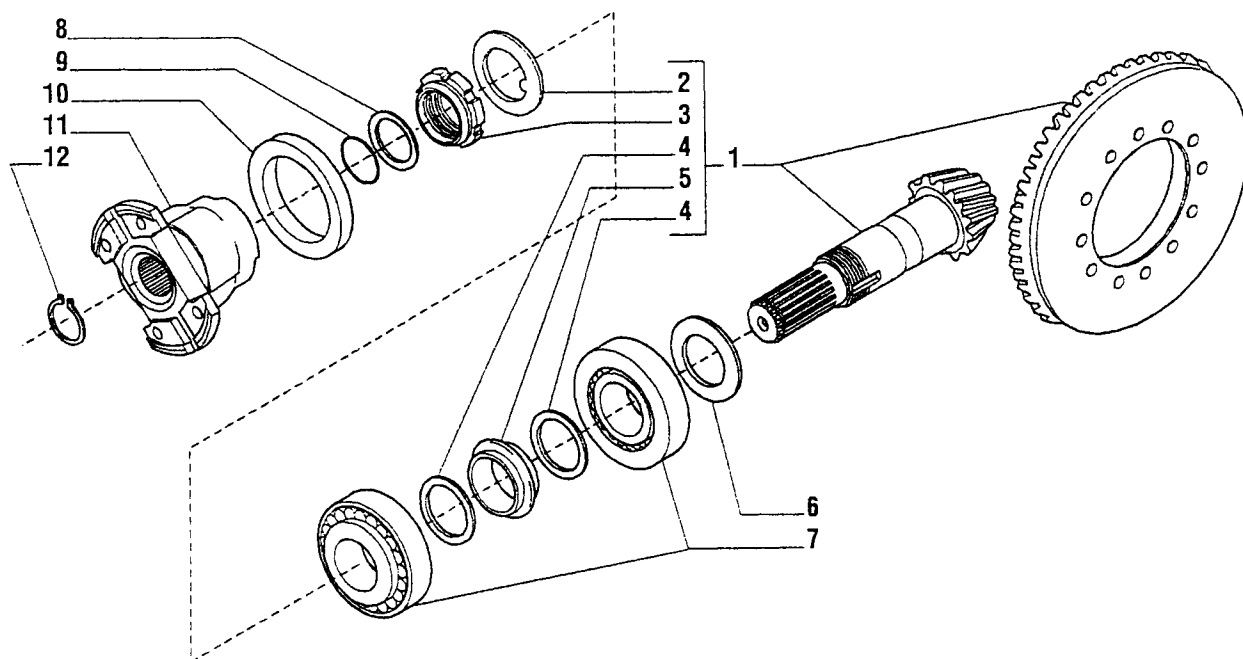
| ITEM | NUMBER    | DESCRIPTION       | REQD |
|------|-----------|-------------------|------|
| 1    | 7-368-13  | BEAM TRUMPET      | 2    |
| 2    | 7-368-14  | PLUG              | 3    |
| 3    | 7-368-15  | O-RING            | 4    |
| 4    | 7-368-16  | BREATHER          | 4    |
| 5    | 7-368-136 | BRAKE FLANGE LH   | 1    |
| 6    | 7-368-18  | PLUG              | 2    |
| 7    | 7-368-19  | CENTRAL BODY      | 1    |
| 8    | 7-368-20  | BUSHING           | 4    |
| 9    | 7-368-21  | FRONT SUPPORT     | 1    |
| 10   | 7-368-22  | GREASE FITTING    | 2    |
| 11   | 7-368-23  | BOLT              | 1    |
| 12   | 7-368-24  | BUSHING           | 1    |
| 13   | 7-368-25  | BUSHING           | 1    |
| 14   | 7-368-26  | THRUST WASHER     | 1    |
| 15   | 7-368-27  | BOLT              | 2    |
| 16   | 7-368-28  | BELLEVILLE WASHER | 2    |
| 17   | 7-368-29  | SHIM              | 2    |
| 18   | 7-368-30  | BUSHING           | 2    |
| 19   | 7-368-31  | BUSHING           | 2    |
| 20   | 7-368-32  | OIL SEAL RING     | 2    |
| 21   | 7-368-33  | SPHERICAL BEARING | 2    |
| 22   | 7-368-34  | BELLEVILLE WASHER | 2    |
| 23   | 7-368-35  | BREATHER          | 1    |
| 24   | 7-368-36  | BOLT              | 22   |
| 25   | 7-368-37  | STUD              | 2    |
| 26   | 7-368-38  | NUT               | 2    |
| 27   | 7-368-137 | BRAKE FLANGE RH   | 1    |
| 28   | 7-368-40  | CONNECTION        | 4    |
| 29   | 7-368-41  | O-RING            | 4    |
| 30   | 7-368-138 | RING              | 6    |



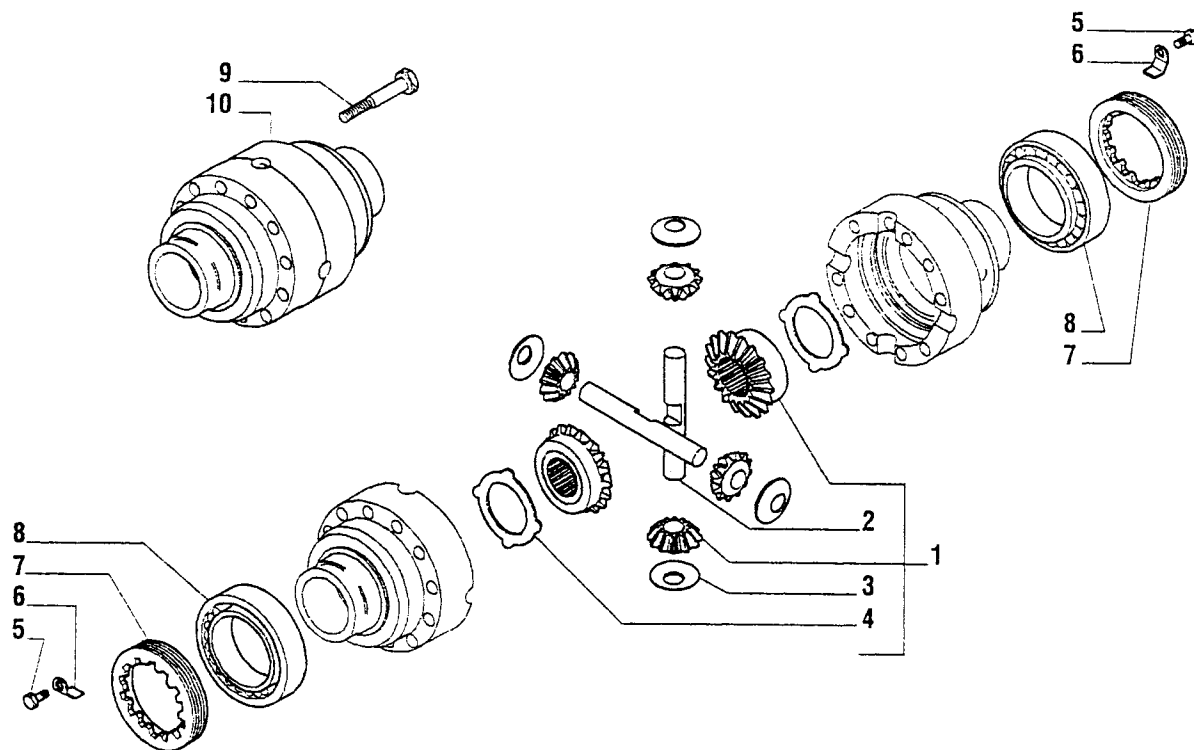
| ITEM | NUMBER    | DESCRIPTION   | REQD |
|------|-----------|---------------|------|
| 31   | 7-368-139 | O-RING        | 6    |
| 32   | 7-368-140 | BOLT          | 6    |
| 33   | 7-368-141 | PIN           | 6    |
| 34   | 7-368-42  | O-RING        | 2    |
| 35   | 7-368-43  | THRUST WASHER | 1    |
| 36   | 7-368-44  | BUSHING       | 1    |
| 37   | 7-368-45  | O-RING        | 1    |
| 38   | 7-368-46  | BUSHING       | 1    |
| 39   | 7-368-47  | BOLT          | 1    |
| 40   | 7-368-48  | REAR SUPPORT  | 1    |
| 41   | 7-368-49  | PLUG          | 1    |



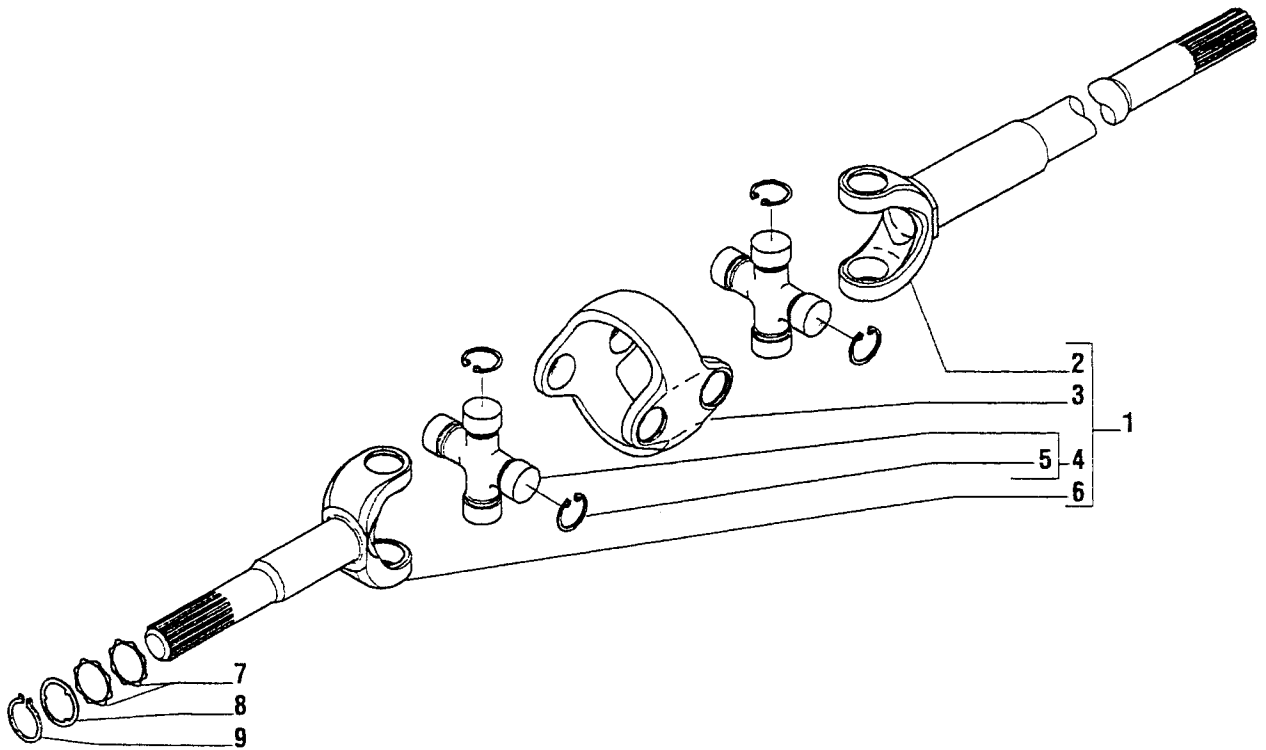
| ITEM | NUMBER                                             | DESCRIPTION           | REQD |
|------|----------------------------------------------------|-----------------------|------|
| 1    | 7-368-50                                           | SWIVEL HOUSING LH     | 1    |
| 2    | 7-368-51                                           | NUT                   | 4    |
| 3    | 7-368-52                                           | BOLT                  | 4    |
| 4    | 7-368-53                                           | NUT                   | 2    |
| 5    | 7-368-54                                           | STEERING ARM ASSEMBLY | 2    |
| 6    | 7-368-08                                           | TIE ROD               | 1*   |
| 7    | 7-368-10                                           | NUT                   | 1*   |
| 8    | 7-368-09                                           | BALL JOINT            | 1*   |
| 9    | 7-368-55                                           | BOLT                  | 2    |
| 10   | 7-368-11                                           | STEERING CYLINDER     | 1    |
| 11   | 7-368-56                                           | BUSHING               | 2    |
| 12   | 7-368-57                                           | OIL SEAL RING         | 2    |
| 13   | 7-368-58                                           | BOLT                  | 16   |
| 14   | 7-368-59                                           | GREASE FITTING        | 4    |
| 15   | 7-368-60                                           | KING PIN              | 2    |
| 16   | 7-368-61                                           | SWIVEL HOUSING RH     | 1    |
| 17   | 7-368-62                                           | KING PIN              | 2    |
| 18   | 7-368-63                                           | BUSHING               | 2    |
| 19   | 7-368-64                                           | BOLT                  | 2    |
| 20   | 7-368-65                                           | CYLINDER HEAD         | 2    |
| 21   | 7-368-66                                           | ROD                   | 1    |
| 22   | 7-368-12                                           | OIL SEAL KIT          | 1    |
| 23   |                                                    |                       |      |
| 24   | *QUANTITY VALID FOR ONLY ONE STEERING ARM ASSEMBLY |                       |      |



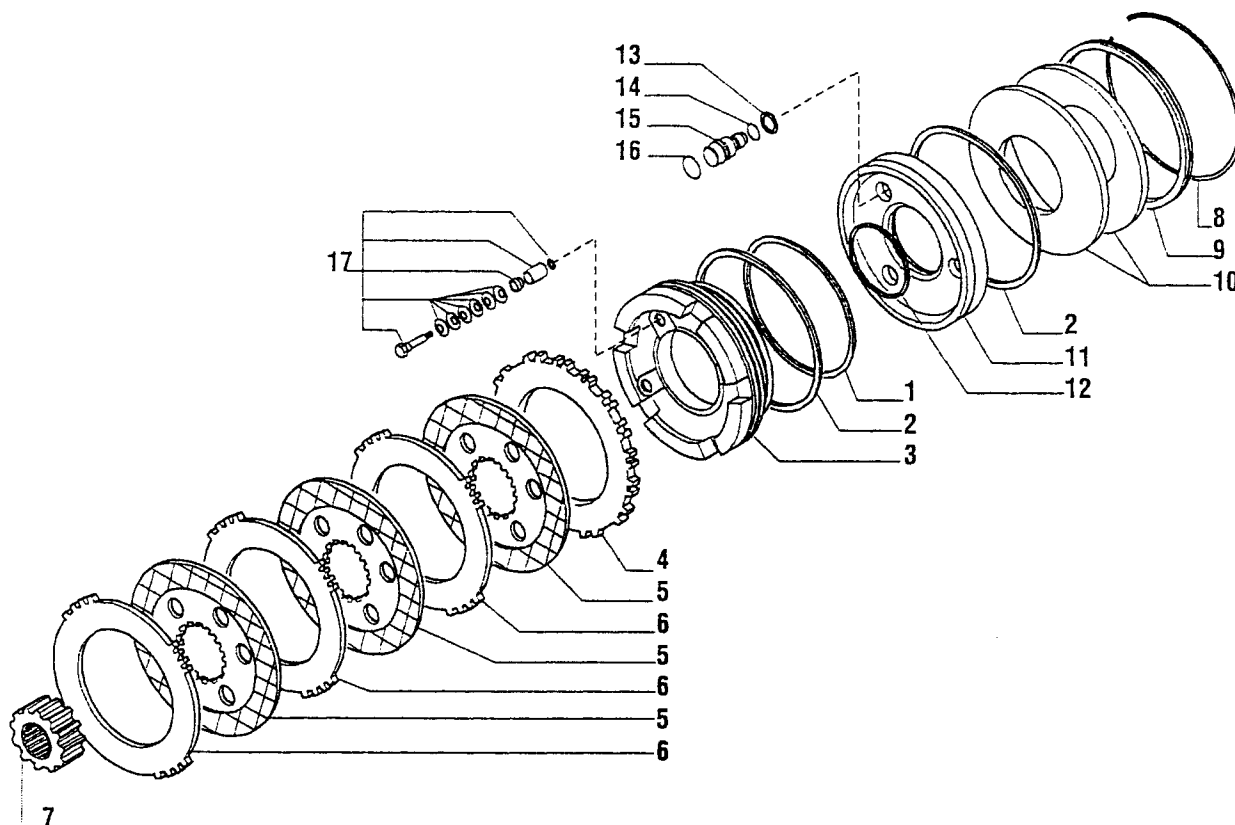
| ITEM | NUMBER    | DESCRIPTION                      | REQD |
|------|-----------|----------------------------------|------|
| 1    | 7-368-142 | BEVEL GEAR SET (INCL. ITEMS 2-5) | 1    |
| 2    | 7-368-68  | LOCKWASHER                       | 1    |
| 3    | 7-368-69  | RING NUT                         | 1    |
| 4    | 7-368-70  | WASHER                           | 2    |
| 5    | 7-368-71  | COLLAPSIBLE SPACER               | 1    |
| 6    |           | SHIM / SEE ITEMS 13 THRU 22      |      |
| 7    | 7-368-82  | BEARING                          | 2    |
| 8    | 7-368-83  | WASHER                           | 1    |
| 9    | 7-368-84  | O-RING                           | 1    |
| 10   | 7-368-85  | OIL SEAL                         | 1    |
| 11   | 7-368-86  | FLANGE                           | 1    |
| 12   | 7-368-87  | SNAP RING                        | 1    |
| 13   | 7-368-72  | SHIM 2.50mm                      |      |
| 14   | 7-368-73  | SHIM 2.60mm                      |      |
| 15   | 7-368-74  | SHIM 2.70mm                      |      |
| 16   | 7-368-75  | SHIM 2.80mm                      |      |
| 17   | 7-368-76  | SHIM 2.90mm                      |      |
| 18   | 7-368-77  | SHIM 3.00mm                      |      |
| 19   | 7-368-78  | SHIM 3.10mm                      |      |
| 20   | 7-368-79  | SHIM 3.20mm                      |      |
| 21   | 7-368-80  | SHIM 3.30mm                      |      |
| 22   | 7-368-81  | SHIM 3.40mm                      |      |



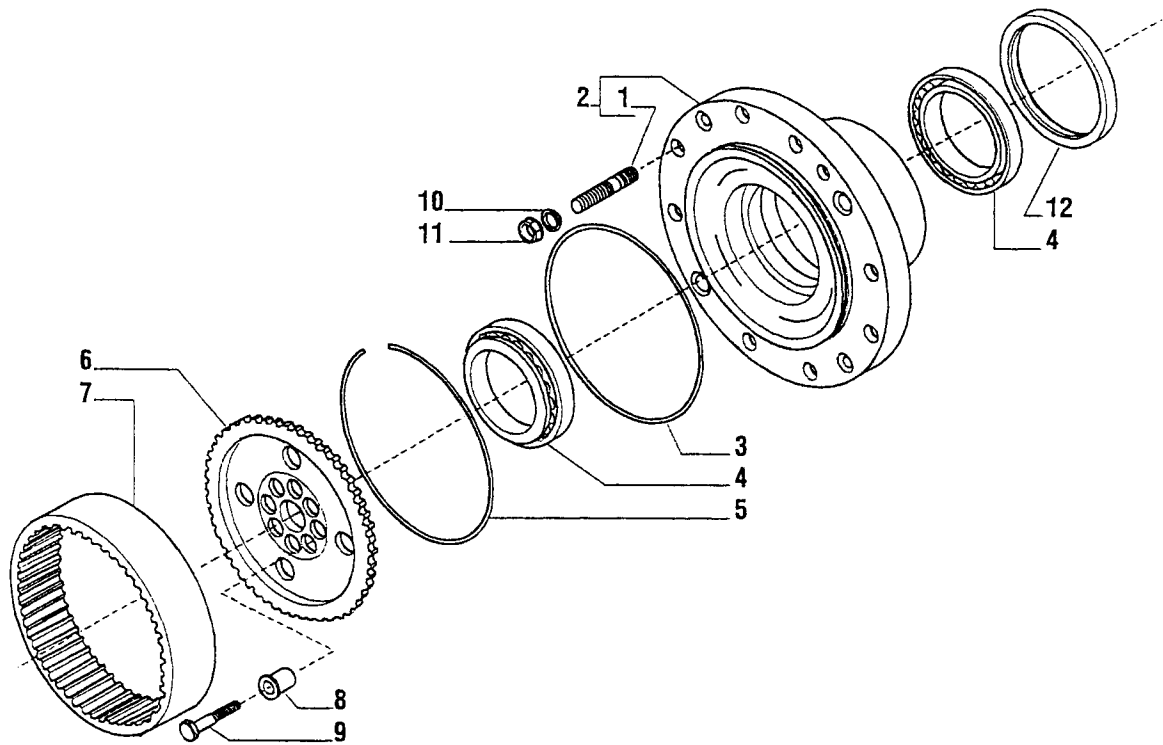
| ITEM | NUMBER   | DESCRIPTION                        | REQD |
|------|----------|------------------------------------|------|
| 1    | 7-368-88 | DIFFERENTIAL KIT (INCL. ITEMS 2-4) | 1    |
| 2    | 7-368-89 | SHAFT                              | 2    |
| 3    | 7-368-90 | THRUST WASHER                      | 4    |
| 4    | 7-368-91 | DRIVE PLATE                        | 2    |
| 5    | 7-368-92 | BOLT                               | 2    |
| 6    | 7-368-93 | LOCKING PLATE                      | 2    |
| 7    | 7-368-94 | RING NUT                           | 2    |
| 8    | 7-368-95 | BEARING                            | 2    |
| 9    | 7-368-96 | BOLT                               | 12   |
| 10   | 7-368-97 | DIFFERENTIAL HOUSING               | 1    |



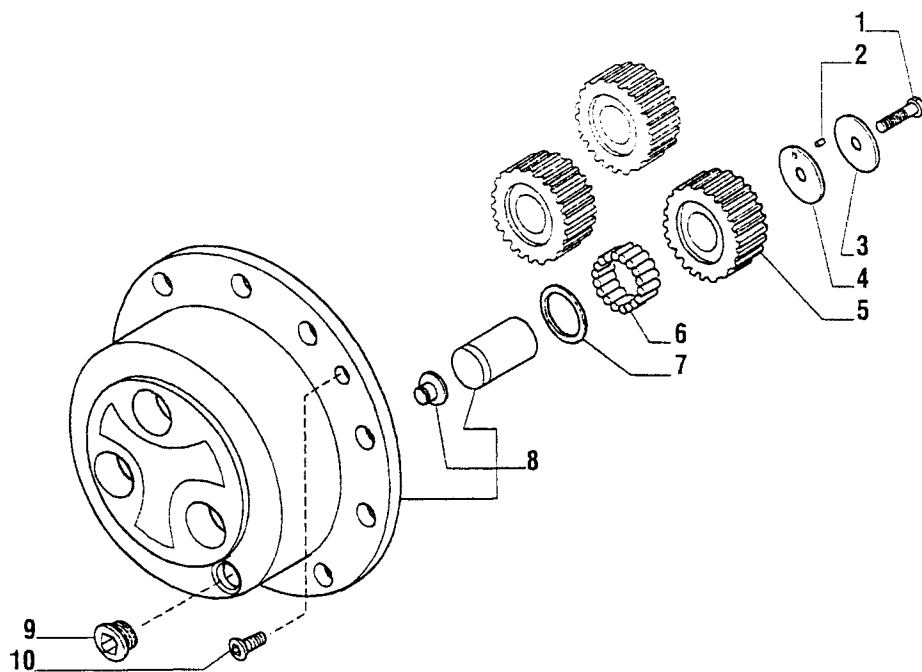
| ITEM | NUMBER                                       | DESCRIPTION                    | REQD |
|------|----------------------------------------------|--------------------------------|------|
| 1    | 7-368-98                                     | DRIVE SHAFT                    | 2    |
| 2    | 7-368-99                                     | HALF SHAFT (DIFFERENTIAL SIDE) | 1*   |
| 3    | 7-368-100                                    | CENTRAL BODY                   | 1*   |
| 4    | 7-368-101                                    | SPIDER                         | 2*   |
| 5    | 7-368-102                                    | SNAP RING                      | 8*   |
| 6    | 7-368-103                                    | HALF SHAFT (WHEEL SIDE)        | 1*   |
| 7    | 7-368-104                                    | THRUST WASHER                  | 4    |
| 8    | 7-368-105                                    | WASHER                         | 2    |
| 9    | 7-368-106                                    | SNAP RING                      | 2    |
| 10   |                                              |                                |      |
| 11   | * QUANTITIES VALID FOR ONLY ONE DOUBLE JOINT |                                |      |



| ITEM | NUMBER    | DESCRIPTION         | REQD |
|------|-----------|---------------------|------|
| 1    | 7-368-107 | QUADRING            | 2    |
| 2    | 7-368-108 | QUADRING            | 4    |
| 3    | 7-368-109 | BRAKE PISTON (POS.) | 2    |
| 4    | 7-368-110 | DRIVE PLATE         | 2    |
| 5    | 7-368-111 | BRAKE DISC          | 6    |
| 6    | 7-368-112 | DRIVE PLATE         | 6    |
| 7    | 7-368-114 | SLEEVE              | 2    |
| 8    | 7-368-143 | RING                | 2    |
| 9    | 7-368-144 | SLEEVE              | 2    |
| 10   | 7-368-145 | BELLEVILLE WASHER   | 4    |
| 11   | 7-368-146 | BRAKE PISTON (NEG.) | 2    |
| 12   | 7-368-147 | QUADRING            | 2    |
| 13   | 7-368-148 | WASHER              | 6    |
| 14   | 7-368-149 | O-RING              | 6    |
| 15   | 7-368-150 | SHAFT               | 6    |
| 16   | 7-368-42  | O-RING              | 6    |
| 17   | 7-368-115 | SELF ADJUST KIT     | 2    |

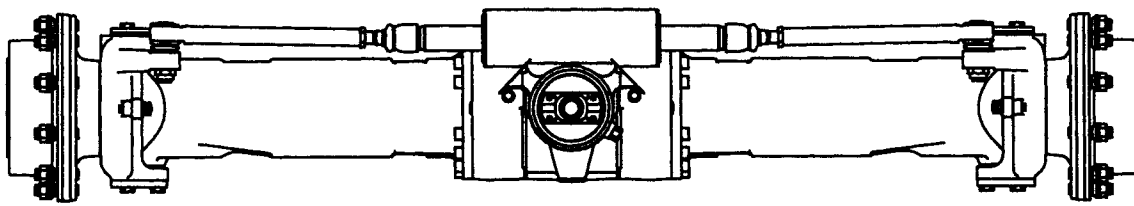


| ITEM | NUMBER                                  | DESCRIPTION                   | REQD |
|------|-----------------------------------------|-------------------------------|------|
| 1    | 7-368-116                               | STUD                          | 10*  |
| 2    | 7-368-117                               | WHEEL HUB ASSY (INCL. ITEM 1) | 2    |
| 3    | 7-368-118                               | O-RING                        | 2    |
| 4    | 7-368-119                               | BEARING                       | 4    |
| 5    | 7-368-120                               | LOCKRING                      | 2    |
| 6    | 7-368-121                               | WHEEL CARRIER                 | 2    |
| 7    | 7-368-122                               | CROWN GEAR                    | 2    |
| 8    | 7-368-123                               | CENTERING BUSHING             | 16   |
| 9    | 7-368-64                                | BOLT                          | 16   |
| 10   | 7-368-124                               | WASHER                        | 20   |
| 11   | 7-368-125                               | NUT                           | 20   |
| 12   | 7-368-126                               | CASSETTE SEAL                 | 2    |
| 13   |                                         |                               |      |
| 14   | * QUANTITY VALID FOR ONLY ONE WHEEL HUB |                               |      |



| ITEM | NUMBER    | DESCRIPTION              | REQD |
|------|-----------|--------------------------|------|
| 1    | 7-368-127 | BOLT                     | 6    |
| 2    | 7-368-128 | PIN                      | 6    |
| 3    | 7-368-129 | THRUST WASHER            | 6    |
| 4    | 7-368-130 | THRUST WASHER            | 6    |
| 5    | 7-368-131 | PLANETARY GEAR           | 6    |
| 6    | 7-368-132 | NEEDLE BEARING (BY TENS) | 16.8 |
| 7    | 7-368-133 | THRUST WASHER            | 6    |
| 8    | 7-368-134 | PLANETARY CARRIER ASSY   | 2    |
| 9    | 7-368-14  | OIL PLUG                 | 2    |
| 10   | 7-368-135 | BOLT                     | 4    |

# REAR AXLE PARTS BOOK TH528



DATE: 8-30-99  
CARRARO 26.25M SERIES  
7-368-11 STEERING CYLINDER

## TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0248

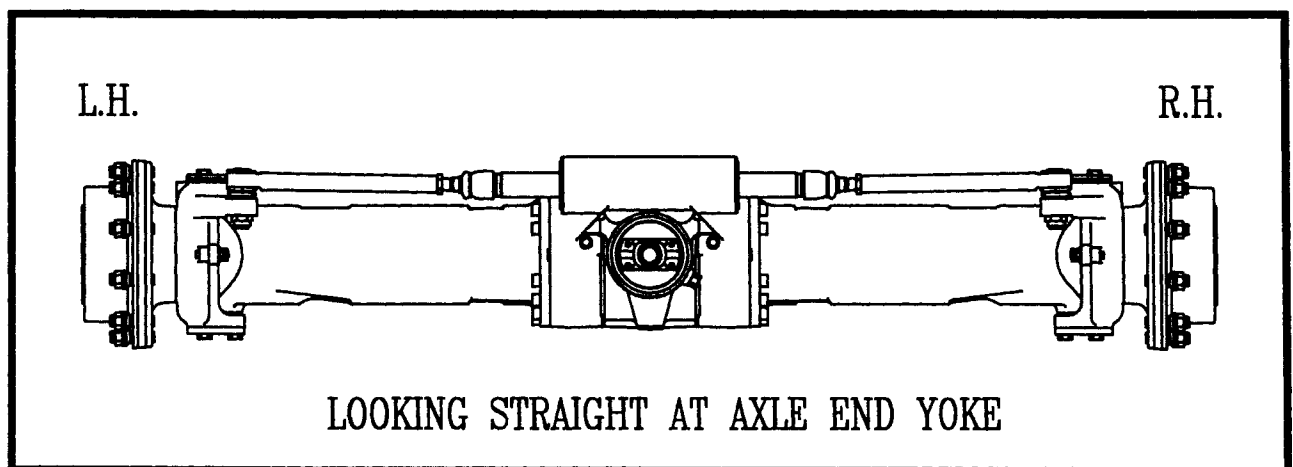
PH: (906) 353-6675; FAX: (906) 353-7543

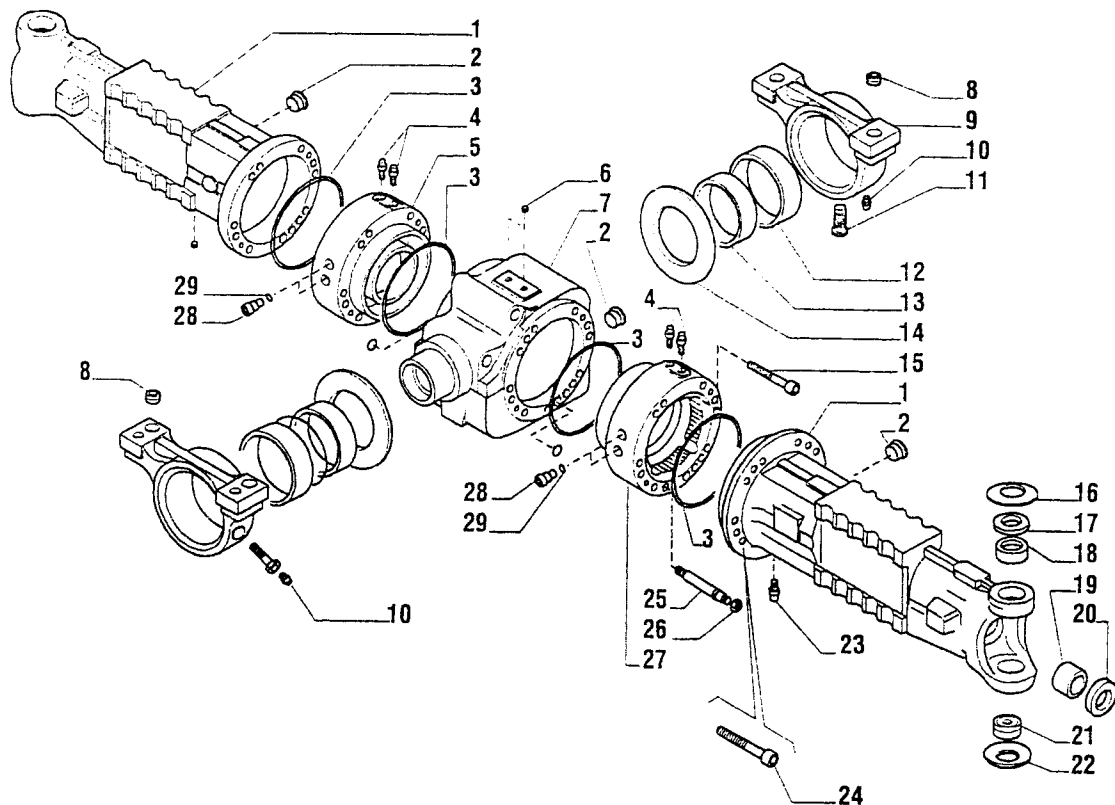
INTERNET: <http://www.sqshooter.com>



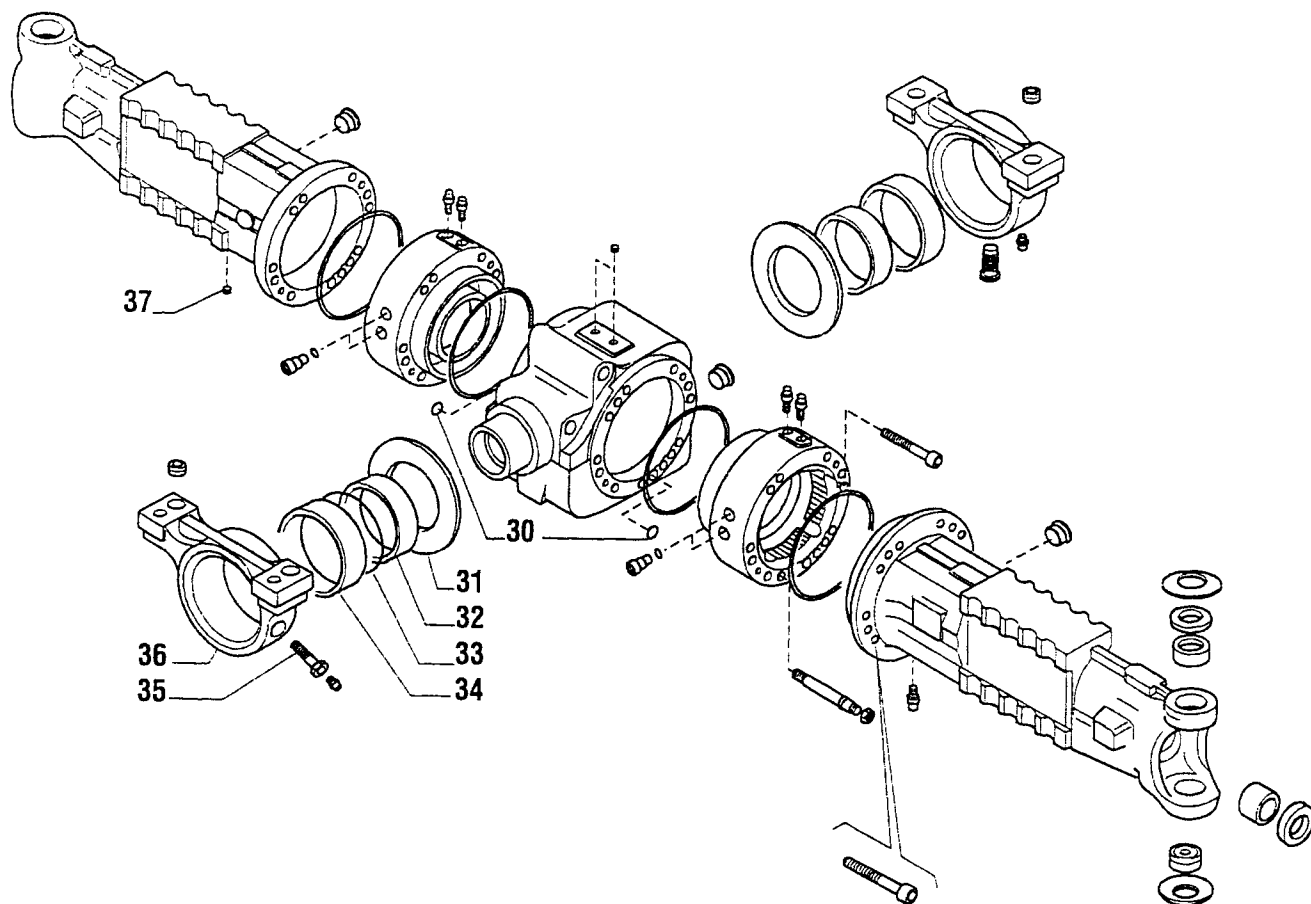
# AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE  
FIGURE BELOW AS A REFERENCE IN DETERMINING  
LEFT OR RIGHT HAND SIDE

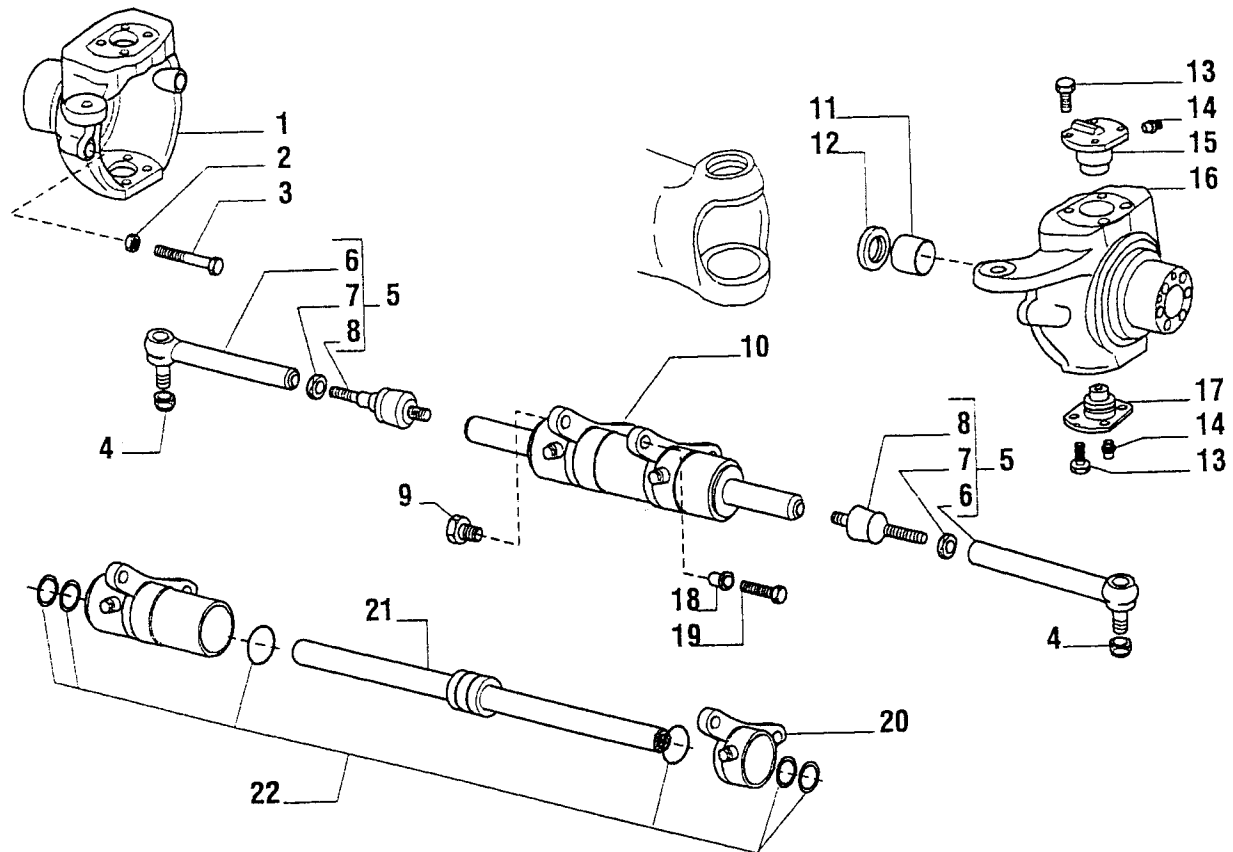




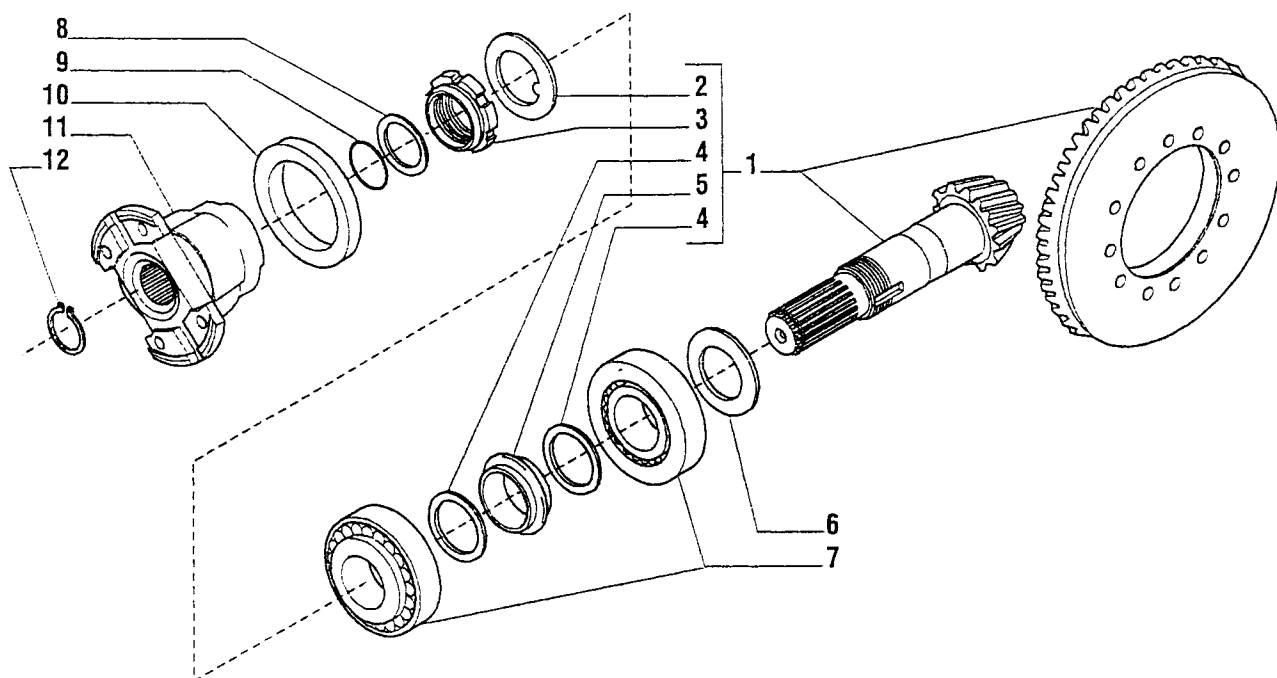
| ITEM | NUMBER   | DESCRIPTION       | REQD |
|------|----------|-------------------|------|
| 1    | 7-368-13 | BEAM TRUMPET      | 2    |
| 2    | 7-368-14 | PLUG              | 3    |
| 3    | 7-368-15 | O-RING            | 4    |
| 4    | 7-368-16 | BREATHER          | 2    |
| 5    | 7-368-17 | BRAKE FLANGE LH   | 1    |
| 6    | 7-368-18 | PLUG              | 2    |
| 7    | 7-368-19 | CENTRAL BODY      | 1    |
| 8    | 7-368-20 | BUSHING           | 4    |
| 9    | 7-368-21 | FRONT SUPPORT     | 1    |
| 10   | 7-368-22 | GREASE FITTING    | 2    |
| 11   | 7-368-23 | BOLT              | 1    |
| 12   | 7-368-24 | BUSHING           | 1    |
| 13   | 7-368-25 | BUSHING           | 1    |
| 14   | 7-368-26 | THRUST WASHER     | 1    |
| 15   | 7-368-27 | BOLT              | 2    |
| 16   | 7-368-28 | BELLEVILLE WASHER | 2    |
| 17   | 7-368-29 | SHIM              | 2    |
| 18   | 7-368-30 | BUSHING           | 2    |
| 19   | 7-368-31 | BUSHING           | 2    |
| 20   | 7-368-32 | OIL SEAL RING     | 2    |
| 21   | 7-368-33 | SPHERICAL BEARING | 2    |
| 22   | 7-368-34 | BELLEVILLE WASHER | 2    |
| 23   | 7-368-35 | BREATHER          | 1    |
| 24   | 7-368-36 | BOLT              | 22   |
| 25   | 7-368-37 | STUD              | 2    |
| 26   | 7-368-38 | NUT               | 2    |
| 27   | 7-368-39 | BRAKE FLANGE RH   | 1    |
| 28   | 7-368-40 | CONNECTION        | 2    |
| 29   | 7-368-41 | O-RING            | 2    |



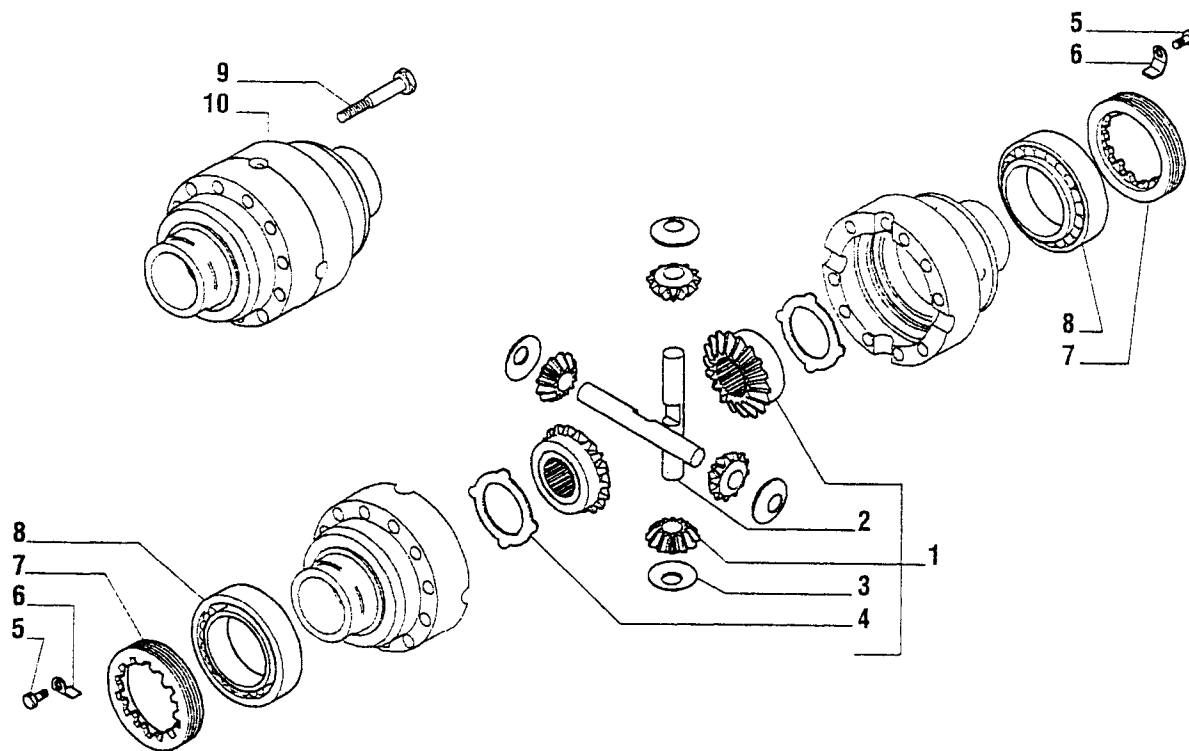
| ITEM | NUMBER   | DESCRIPTION   | REQD |
|------|----------|---------------|------|
| 30   | 7-368-42 | O-RING        | 2    |
| 31   | 7-368-43 | THRUST WASHER | 1    |
| 32   | 7-368-44 | BUSHING       | 1    |
| 33   | 7-368-45 | O-RING        | 1    |
| 34   | 7-368-46 | BUSHING       | 1    |
| 35   | 7-368-47 | BOLT          | 1    |
| 36   | 7-368-48 | REAR SUPPORT  | 1    |
| 37   | 7-368-49 | PLUG          | 1    |



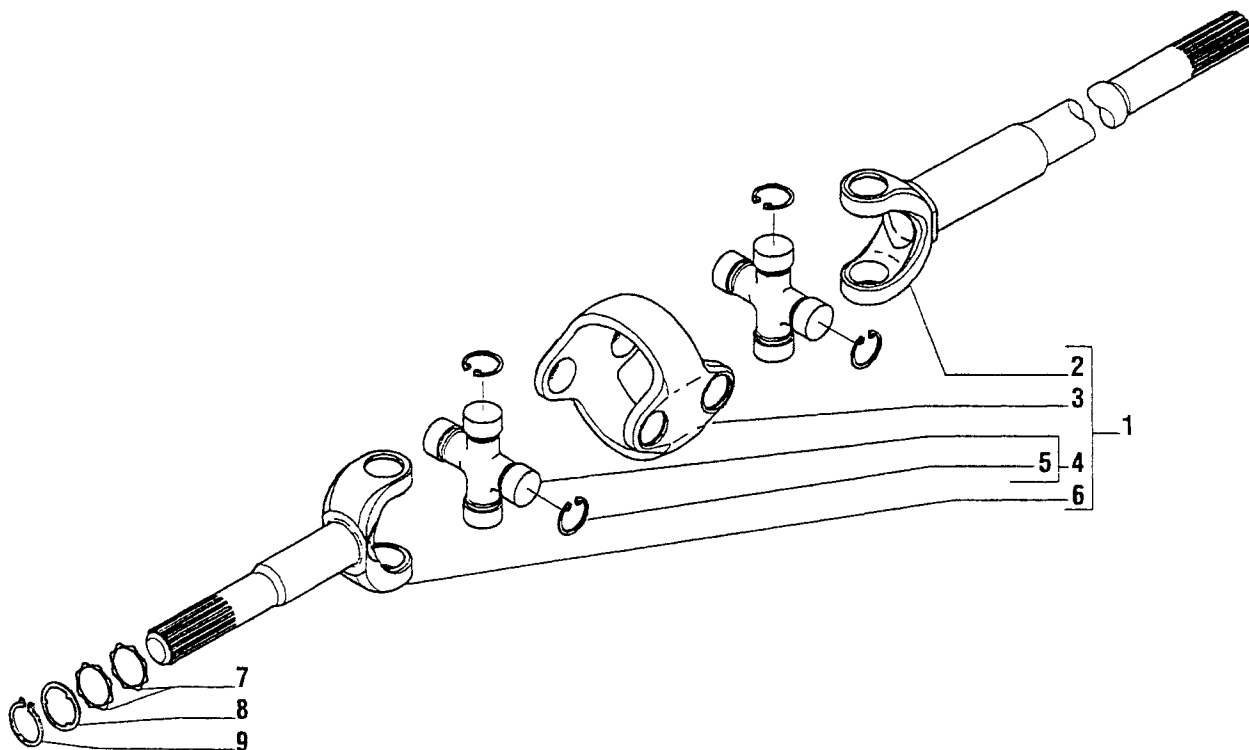
| ITEM | NUMBER                                             | DESCRIPTION           | REQD |
|------|----------------------------------------------------|-----------------------|------|
| 1    | 7-368-50                                           | SWIVEL HOUSING LH     | 1    |
| 2    | 7-368-51                                           | NUT                   | 4    |
| 3    | 7-368-52                                           | BOLT                  | 4    |
| 4    | 7-368-53                                           | NUT                   | 2    |
| 5    | 7-368-54                                           | STEERING ARM ASSEMBLY | 2    |
| 6    | 7-368-08                                           | TIE ROD               | 1*   |
| 7    | 7-368-10                                           | NUT                   | 1*   |
| 8    | 7-368-09                                           | BALL JOINT            | 1*   |
| 9    | 7-368-55                                           | BOLT                  | 2    |
| 10   | 7-368-11                                           | STEERING CYLINDER     | 1    |
| 11   | 7-368-56                                           | BUSHING               | 2    |
| 12   | 7-368-57                                           | OIL SEAL RING         | 2    |
| 13   | 7-368-58                                           | BOLT                  | 16   |
| 14   | 7-368-59                                           | GREASE FITTING        | 4    |
| 15   | 7-368-60                                           | KING PIN              | 2    |
| 16   | 7-368-61                                           | SWIVEL HOUSING RH     | 1    |
| 17   | 7-368-62                                           | KING PIN              | 2    |
| 18   | 7-368-63                                           | BUSHING               | 2    |
| 19   | 7-368-64                                           | BOLT                  | 2    |
| 20   | 7-368-65                                           | CYLINDER HEAD         | 2    |
| 21   | 7-368-66                                           | ROD                   | 1    |
| 22   | 7-368-12                                           | OIL SEAL KIT          | 1    |
| 23   |                                                    |                       |      |
| 24   | *QUANTITY VALID FOR ONLY ONE STEERING ARM ASSEMBLY |                       |      |



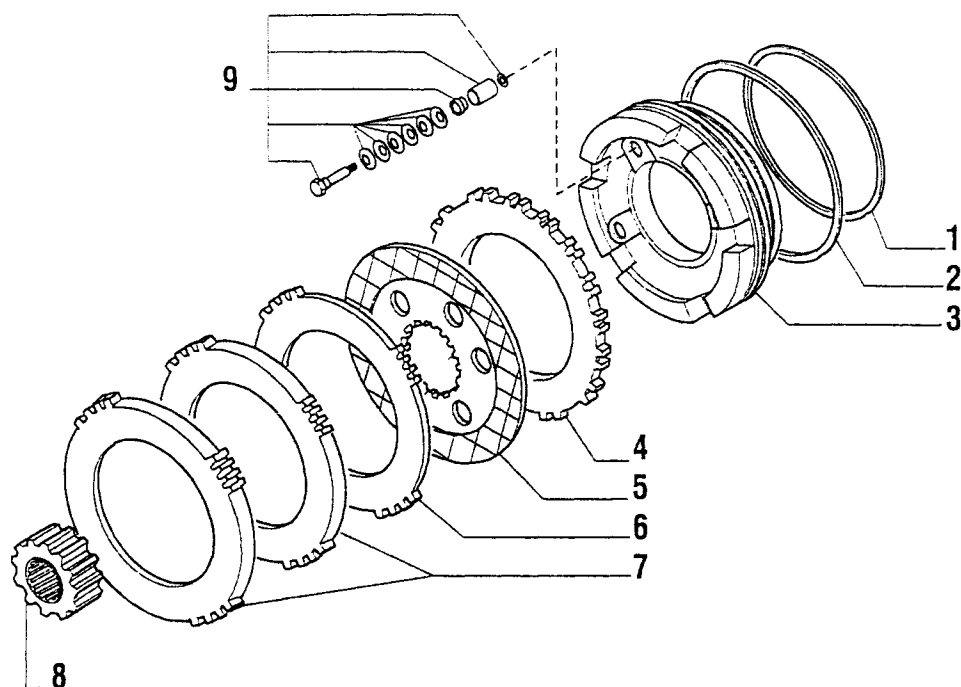
| ITEM | NUMBER   | DESCRIPTION                      | REQD |
|------|----------|----------------------------------|------|
| 1    | 7-368-67 | BEVEL GEAR SET (INCL. ITEMS 2-5) | 1    |
| 2    | 7-368-68 | LOCKWASHER                       | 1    |
| 3    | 7-368-69 | RING NUT                         | 1    |
| 4    | 7-368-70 | WASHER                           | 2    |
| 5    | 7-368-71 | COLLAPSIBLE SPACER               | 1    |
| 6    |          | SHIM / SEE ITEMS 13 THRU 22      |      |
| 7    | 7-368-82 | BEARING                          | 2    |
| 8    | 7-368-83 | WASHER                           | 1    |
| 9    | 7-368-84 | O-RING                           | 1    |
| 10   | 7-368-85 | OIL SEAL                         | 1    |
| 11   | 7-368-86 | FLANGE                           | 1    |
| 12   | 7-368-87 | SNAP RING                        | 1    |
| 13   | 7-368-72 | SHIM 2.50mm                      |      |
| 14   | 7-368-73 | SHIM 2.60mm                      |      |
| 15   | 7-368-74 | SHIM 2.70mm                      |      |
| 16   | 7-368-75 | SHIM 2.80mm                      |      |
| 17   | 7-368-76 | SHIM 2.90mm                      |      |
| 18   | 7-368-77 | SHIM 3.00mm                      |      |
| 19   | 7-368-78 | SHIM 3.10mm                      |      |
| 20   | 7-368-79 | SHIM 3.20mm                      |      |
| 21   | 7-368-80 | SHIM 3.30mm                      |      |
| 22   | 7-368-81 | SHIM 3.40mm                      |      |



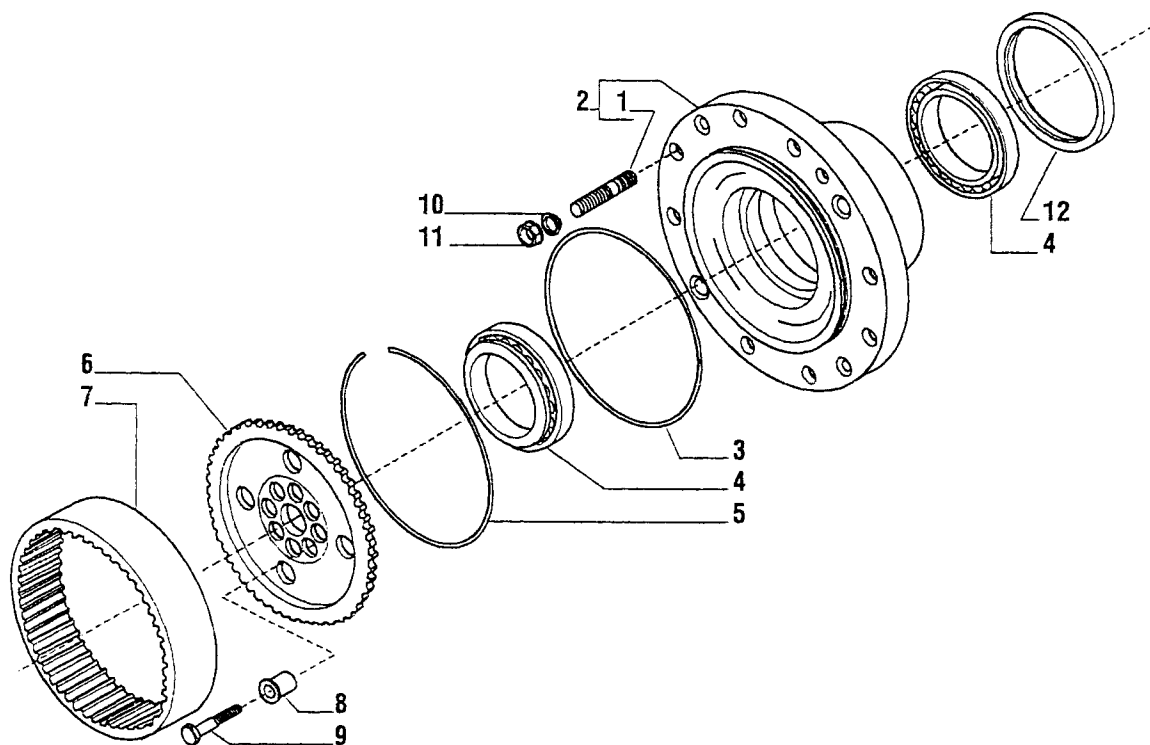
| ITEM | NUMBER   | DESCRIPTION                        | REQD |
|------|----------|------------------------------------|------|
| 1    | 7-368-88 | DIFFERENTIAL KIT (INCL. ITEMS 2-4) | 1    |
| 2    | 7-368-89 | SHAFT                              | 2    |
| 3    | 7-368-90 | THRUST WASHER                      | 4    |
| 4    | 7-368-91 | DRIVE PLATE                        | 2    |
| 5    | 7-368-92 | BOLT                               | 2    |
| 6    | 7-368-93 | LOCKING PLATE                      | 2    |
| 7    | 7-368-94 | RING NUT                           | 2    |
| 8    | 7-368-95 | BEARING                            | 2    |
| 9    | 7-368-96 | BOLT                               | 12   |
| 10   | 7-368-97 | DIFFERENTIAL HOUSING               | 1    |



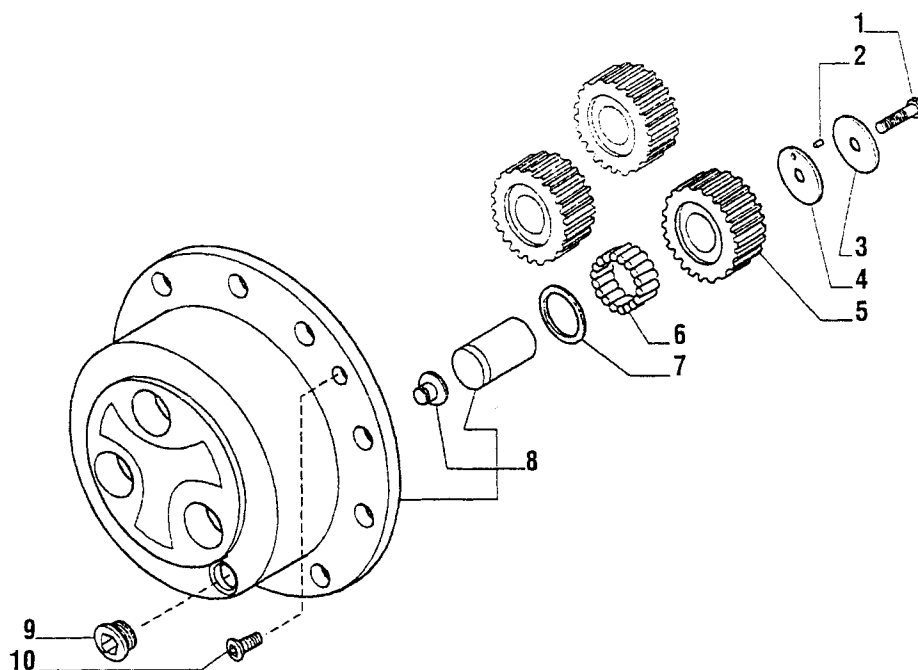
| ITEM | NUMBER                                       | DESCRIPTION                    | REQD |
|------|----------------------------------------------|--------------------------------|------|
| 1    | 7-368-98                                     | DRIVE SHAFT                    | 2    |
| 2    | 7-368-99                                     | HALF SHAFT (DIFFERENTIAL SIDE) | 1*   |
| 3    | 7-368-100                                    | CENTRAL BODY                   | 1*   |
| 4    | 7-368-101                                    | SPIDER                         | 2*   |
| 5    | 7-368-102                                    | SNAP RING                      | 8*   |
| 6    | 7-368-103                                    | HALF SHAFT (WHEEL SIDE)        | 1*   |
| 7    | 7-368-104                                    | THRUST WASHER                  | 4    |
| 8    | 7-368-105                                    | WASHER                         | 2    |
| 9    | 7-368-106                                    | SNAP RING                      | 2    |
| 10   |                                              |                                |      |
| 11   | * QUANTITIES VALID FOR ONLY ONE DOUBLE JOINT |                                |      |



| ITEM | NUMBER    | DESCRIPTION         | REQD |
|------|-----------|---------------------|------|
| 1    | 7-368-107 | QUADRING            | 2    |
| 2    | 7-368-108 | QUADRING            | 4    |
| 3    | 7-368-109 | BRAKE PISTON (POS.) | 2    |
| 4    | 7-368-110 | DRIVE PLATE         | 2    |
| 5    | 7-368-111 | BRAKE DISC          | 2    |
| 6    | 7-368-112 | DRIVE PLATE         | 6    |
| 7    | 7-368-113 | DRIVE PLATE         | 4    |
| 8    | 7-368-114 | SLEEVE              | 2    |
| 9    | 7-368-115 | SELF ADJUST KIT     | 2    |



| ITEM | NUMBER                                  | DESCRIPTION                   | REQD |
|------|-----------------------------------------|-------------------------------|------|
| 1    | 7-368-116                               | STUD                          | 10*  |
| 2    | 7-368-117                               | WHEEL HUB ASSY (INCL. ITEM 1) | 2    |
| 3    | 7-368-118                               | O-RING                        | 2    |
| 4    | 7-368-119                               | BEARING                       | 4    |
| 5    | 7-368-120                               | LOCKRING                      | 2    |
| 6    | 7-368-121                               | WHEEL CARRIER                 | 2    |
| 7    | 7-368-122                               | CROWN GEAR                    | 2    |
| 8    | 7-368-123                               | CENTERING BUSHING             | 16   |
| 9    | 7-368-64                                | BOLT                          | 16   |
| 10   | 7-368-124                               | WASHER                        | 20   |
| 11   | 7-368-125                               | NUT                           | 20   |
| 12   | 7-368-126                               | CASSETTE SEAL                 | 2    |
| 13   |                                         |                               |      |
| 14   | * QUANTITY VALID FOR ONLY ONE WHEEL HUB |                               |      |



| ITEM | NUMBER    | DESCRIPTION              | REQD |
|------|-----------|--------------------------|------|
| 1    | 7-368-127 | BOLT                     | 6    |
| 2    | 7-368-128 | PIN                      | 6    |
| 3    | 7-368-129 | THRUST WASHER            | 6    |
| 4    | 7-368-130 | THRUST WASHER            | 6    |
| 5    | 7-368-131 | PLANETARY GEAR           | 6    |
| 6    | 7-368-132 | NEEDLE BEARING (BY TENS) | 16.8 |
| 7    | 7-368-133 | THRUST WASHER            | 6    |
| 8    | 7-368-134 | PLANETARY CARRIER ASSY   | 2    |
| 9    | 7-368-14  | OIL PLUG                 | 2    |
| 10   | 7-368-135 | BOLT                     | 4    |