



## Reelmaster<sup>®</sup> 6500-D

### 2 and 4 Wheel Drive Traction Unit

Model No. 03806—220000001 and Up

Model No. 03807—220000001 and Up

## Parts Catalog

### Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

### Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

### Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

### Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

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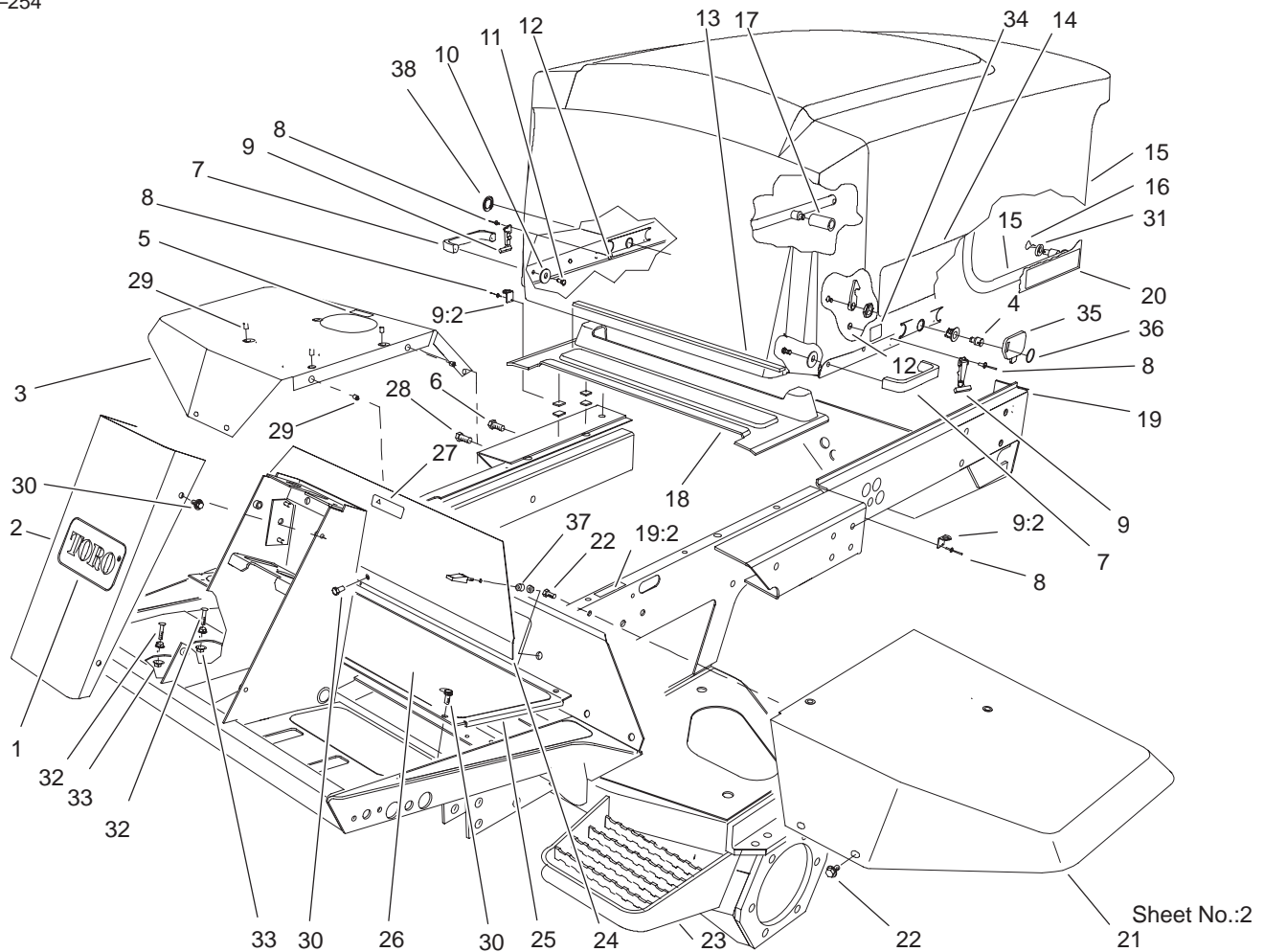
## Accessories

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|---------------------------------|------------------|---|------------------|
| 5 Blade Cutting Unit .....      | 03860            | Muffler-Spark Arrestor .....                | 104-5201         |
| 7 Blade Cutting Unit .....      | 03861            | Weight Kit .....                            | 94-2836          |
| 11 Blade Cutting Unit .....     | 03862            | Arm Rest Kit .....                          | 30707            |
| Dethatching Cutting Unit .....  | 03871            | Roll-Over-Protection-System (ROPS) . . .    | 92-7571          |
| Gauge Bar Assembly .....        | 98-1852          | Turf Defender Kit (Leak Detector Kit) ..... | 03521            |
| Brush and Handle Assembly ..... | 29-9100          |   |                  |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

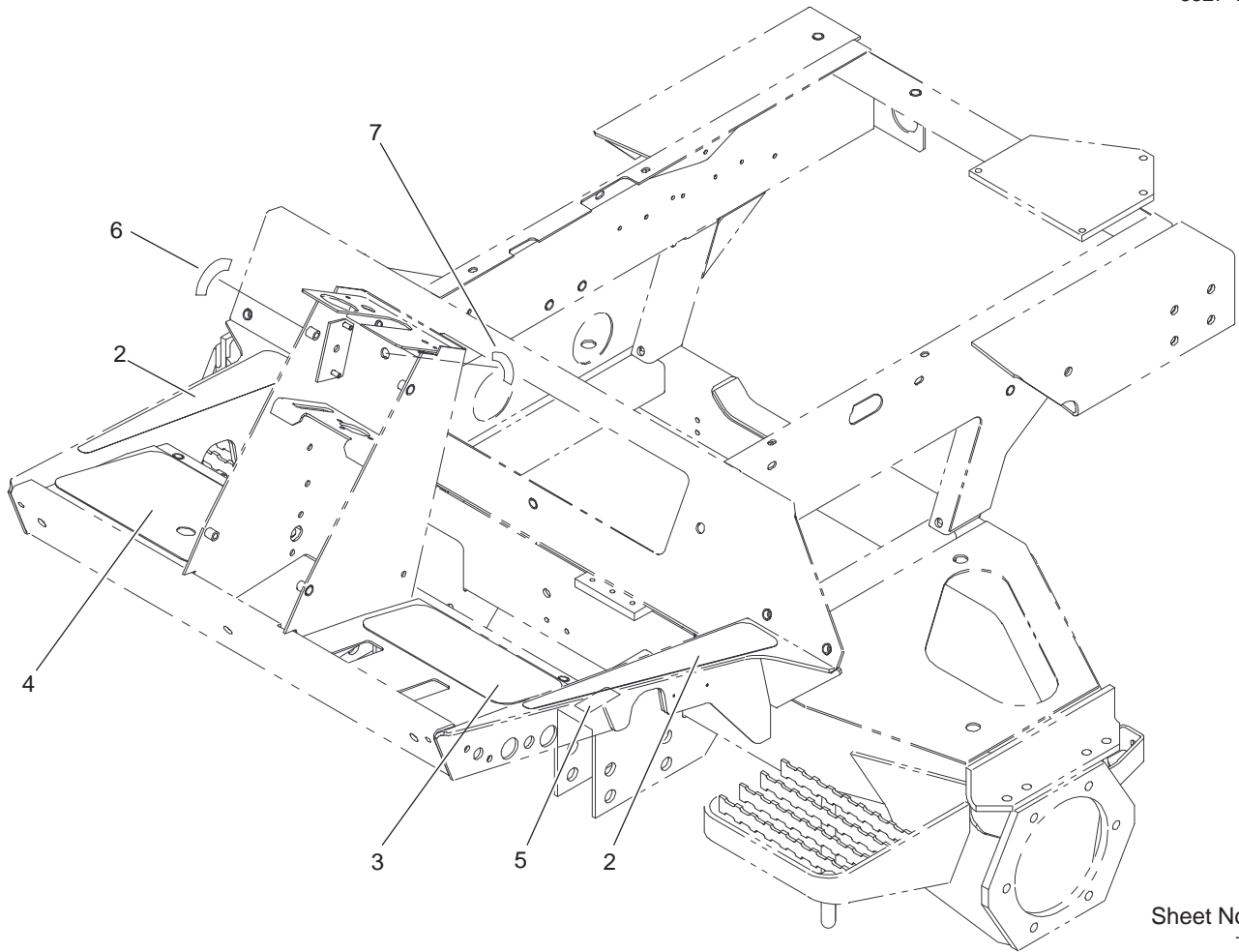
| Abbreviation | Meaning                           | Abbreviation | Meaning                 |
|--------------|-----------------------------------|--------------|-------------------------|
| AR .....     | as required                       | HYD .....    | hydraulic               |
| ASM .....    | assembly                          | INC .....    | incorporated            |
| CARR .....   | carriage                          | LH .....     | left hand               |
| DEG .....    | degrees                           | NI .....     | nylon insert            |
| FH .....     | flat head                         | PPH .....    | Phillips pan head       |
| GA .....     | gauge                             | PTH .....    | Phillips truss head     |
| HF .....     | hex flange                        | PTO .....    | power take off          |
| HH .....     | hex head                          | RH .....     | right hand              |
| HHF .....    | hex head flange                   | SFH .....    | slotted fillister head  |
| HLH .....    | hex lag head                      | SHH .....    | slotted hex head        |
| HJ .....     | hex jam                           | SQH .....    | square head             |
| HOC .....    | height-of-cut                     | SHWH .....   | slotted hex washer head |
| HS .....     | hex socket                        | SPH .....    | slotted pan head        |
| HSBH .....   | hex socket button head            | SRH .....    | slotted round head      |
| HSFH .....   | hex socket flat head              | STD .....    | standard                |
| HSH .....    | hex socket head                   | TAP .....    | self tapping            |
| HWH .....    | hex washer head                   | TTH .....    | Torx truss head         |
| HWHTF .....  | hex washer head<br>thread forming | WH .....     | wing head               |



## Frame and Body Assembly

| Ref. No. | Part No.   | Qty. | Description                   |
|----------|------------|------|-------------------------------|
| 1        | 62-5550    | 1    | Decal-Toro                    |
| 2        | 93-7996-01 | 1    | Cover-Tower                   |
| 3        | 94-3049-01 | 1    | Fender-RH                     |
| 4        | 105-3301   | 1    | Latch                         |
| 5        | 93-6686    | 1    | Decal-Oil, Hyd                |
| 6        | 33106-035  | 8    | Screw-HHF                     |
| 7        | 65-5100    | 2    | Handle-Door                   |
| 8        | 3269-8     | 8    | Rivet                         |
| 9        | 59-9740    | 2    | Flex Draw Latch ASM           |
| 9:2      | 249-40     | 1    | Keeper                        |
| 10       | 3256-78    | 4    | Washer-Flat                   |
| 11       | 46-8091    | 4    | Screw-HWH                     |
| 12       | 3269-10    | 4    | Washer-Back                   |
| 13       | 92-7633    | 1    | Bumper-Hood                   |
| 14       | 92-7532    | 2    | Decal                         |
| 15       | 105-0130   | 1    | Hood                          |
| 16       | 3290-467   | 2    | Pin-Hair                      |
| 17       | 93-7582    | 1    | Hose                          |
| 18       | 94-2617    | 1    | Pump Cover ASM                |
| 19       | 105-0116   | 1    | Rear Frame ASM                |
| 19:2     | 93-1265    | 1    | Decal-Surface, Hot            |
| 20       | 72-3560    | 2    | Decal-4wd (only on:<br>03807) |
| 21       | 75-3860-01 | 1    | Fender-LH                     |
| 22       | 3234-14    | 10   | Screw-HHF                     |
| 23       | 105-0117   | 1    | Front Frame ASM               |

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 24       | 75-1390-01 | 1    | Cover-Access, Front |
| 25       | 75-1410-01 | 1    | Plate-Access, Floor |
| 26       | 75-0630    | 1    | Tread-Foot, Center  |
| 27       | 93-9425    | 1    | Decal-Danger        |
| 28       | 3234-18    | 2    | Screw-HHF           |
| 29       | 32148-7    | 5    | Nut-Insert          |
| 30       | 3234-7     | 9    | Screw-HHF           |
| 31       | 66-6480    | 2    | Washer              |
| 32       | 17-9420    | 2    | Screw-Handle        |
| 33       | 32128-20   | 4    | Nut-HF              |
| 34       | 93-7252    | 1    | Decal-International |
| 35       | 99-8970    | 1    | Key-Latch, Hood     |
| 36       | 98-9321    | 1    | Ring-Key            |
| 37       | 74-5950    | 2    | Latch-Swell         |
| 38       | 104-1453   | 1    | Grommet             |



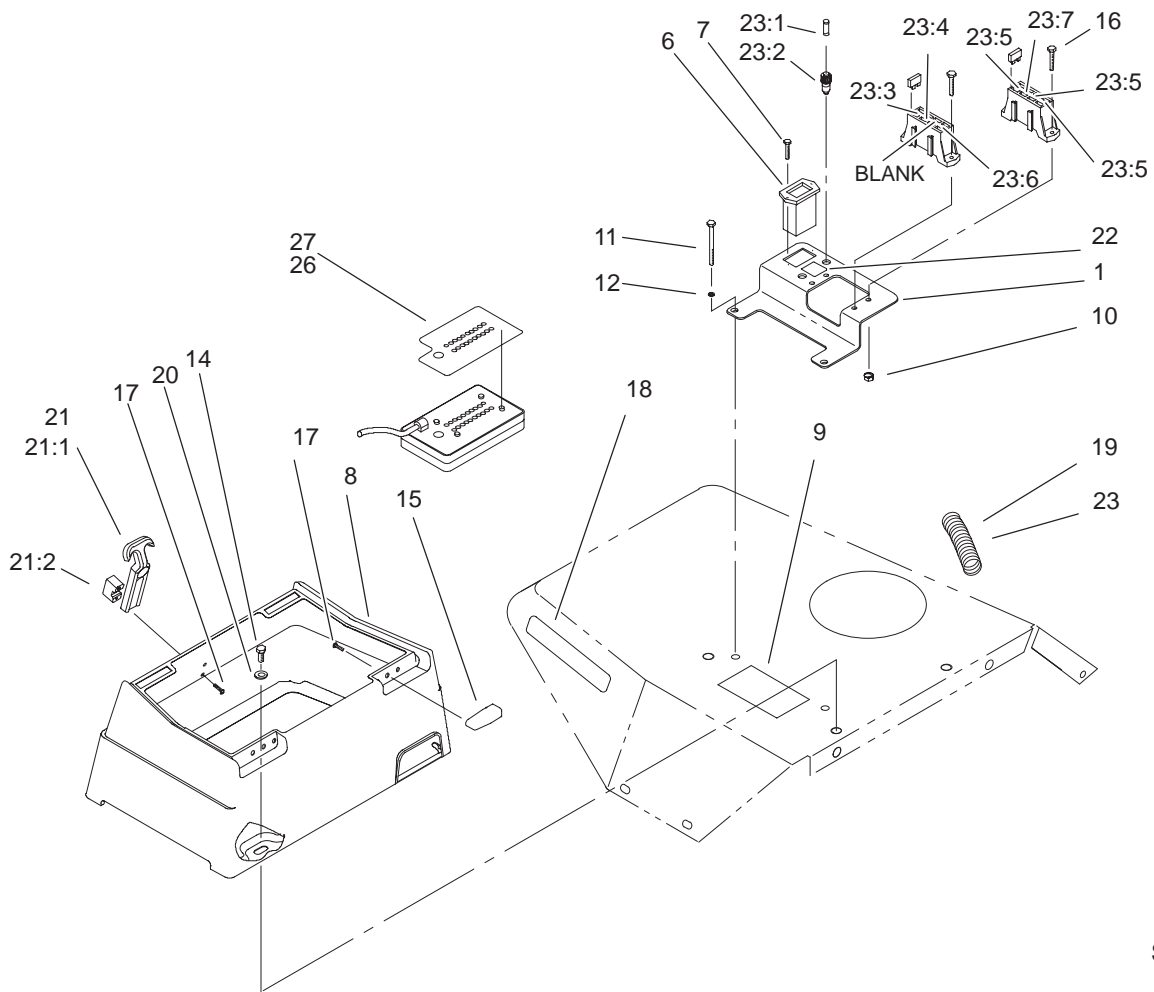
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### Front Frame Assembly No. 105-0117

| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| 2        | 93-7592  | 2    | Tread-Foot Rest, LH |
| 3        | 75-0620  | 1    | Tread-Foot, LH      |
| 4        | 104-5223 | 1    | Tread-Foot, RH      |
| 5        | 93-6693  | 1    | Decal-Plate, Floor  |
| 6        | 93-6699  | 1    | Decal-Fast/Slow     |
| 7        | 105-7506 | 1    | Decal-Key Switch    |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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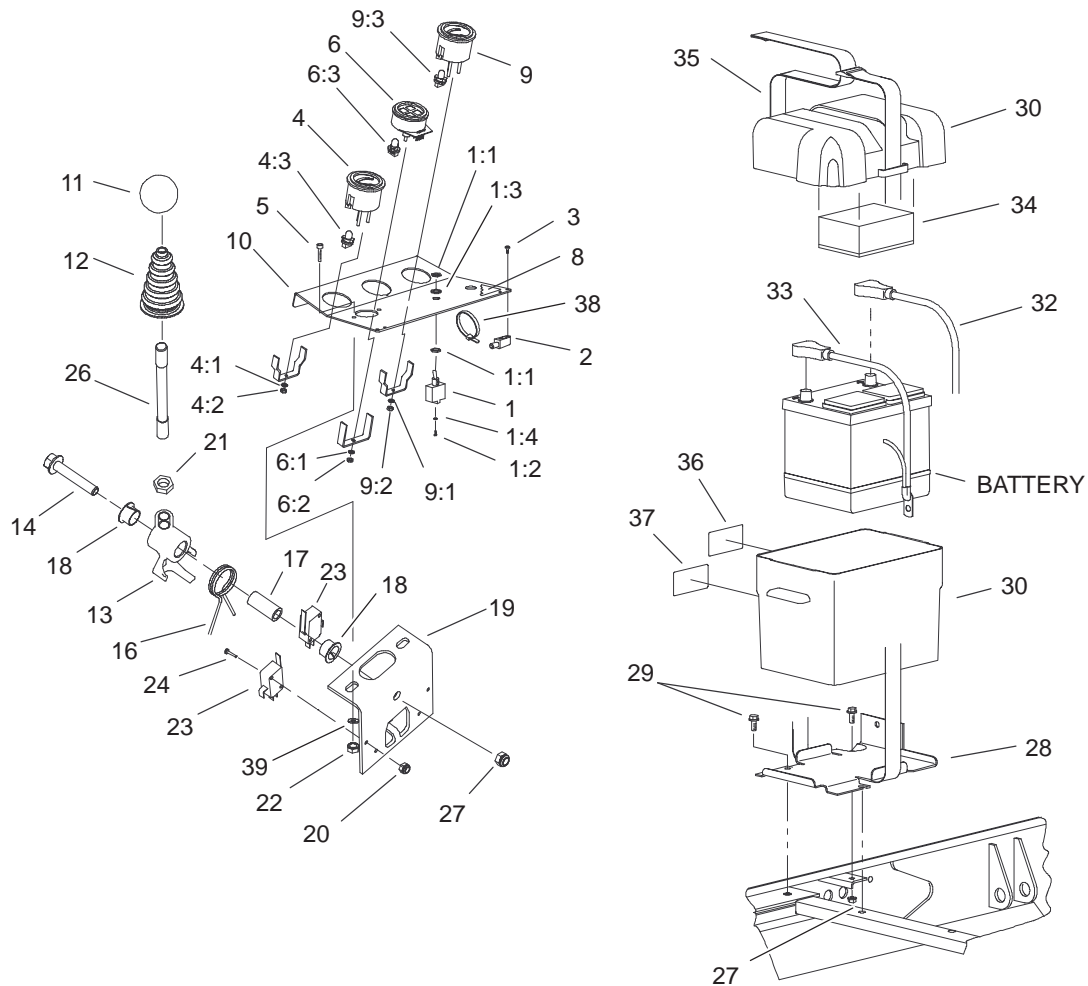


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## Control Console Assembly

| Ref. No. | Part No.    | Qty. | Description                     |
|----------|-------------|------|---------------------------------|
| 1        | 105-0137-03 | 1    | Bracket-Fuse Block              |
| 6        | 75-6820     | 1    | Hourmeter                       |
| 7        | 32144-18    | 2    | Screw-HH                        |
| 8        | 104-0027    | 1    | Box-Control                     |
| 9        | 104-5229    | 1    | Decal-Fuses, Ce                 |
| 10       | 3296-2      | 4    | Nut-Lock                        |
| 11       | 321-4       | 2    | Screw-HH                        |
| 12       | 3253-3      | 2    | Washer-Lock                     |
| 14       | 322-4       | 3    | Screw-HH                        |
| 15       | 104-1497    | 2    | Hinge-Receiver                  |
| 16       | 32105-13    | 4    | Screw-Shh                       |
| 17       | 32144-1     | 6    | Screw-Taptite                   |
| 18       | 93-6689     | 1    | Decal-No Riders                 |
| 19       | 94-6343     | 1    | Decal-I.d., Wire                |
| 20       | 3256-23     | 3    | Washer-Flat                     |
| 21       | 94-5626     | 1    | Latch-Draw, Flexible            |
| 21:1     | 100-5806    | 1    | Handle-Latch                    |
| 21:2     | 100-5807    | 1    | Keeper-Latch                    |
| 22       | 104-9298    | 1    | Decal-Controller                |
| 23       | 105-0119    | 1    | Harness-Wire, Console           |
| 23:1     | 219-19      | 1    | Lamp-Green                      |
| 23:2     | 85-4491     | 1    | Light-Indicator (Includes Lamp) |
| 23:3     | 94-9157     | 1    | Fuse-Blade, 4 Amp               |
| 23:4     | 114241      | 1    | Fuse-7.5 Amp                    |

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 23:5     | 218-578  | 3    | Fuse-10 Amp               |
| 23:6     | 109355   | 1    | Fuse-15 Amp               |
| 23:7     | 109101   | 1    | Fuse-20 Amp               |
| 26       | 105-9267 | 1    | Decal-Diagnostic, Control |

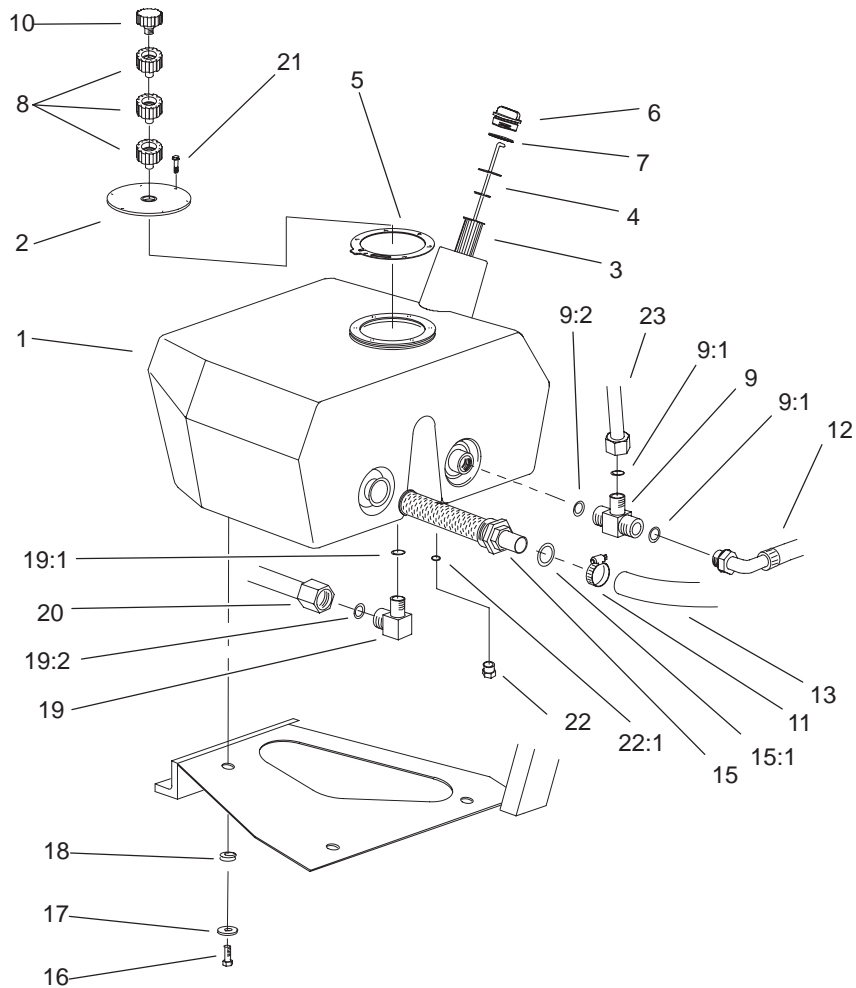


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## Control Console and Battery Assembly

| Ref. No. | Part No.    | Qty. | Description            |
|----------|-------------|------|------------------------|
| 1        | 99-8352     | 1    | Switch-Backlap, Master |
| 1:1      | 218-498     | 2    | Locknut-Hex            |
| 1:2      | 218-588     | 3    | Screw                  |
| 1:3      | 218-589     | 1    | Washer                 |
| 1:4      | 3253-19     | 3    | Washer-Lock/Sp         |
| 2        | 104-1496    | 2    | Hinge-Pin              |
| 3        | 32144-1     | 4    | Screw-Taptite          |
| 4        | 98-9339     | 1    | Gauge-Fuel             |
| 4:1      | 3254-1      | 3    | Washer-Lock, Internal  |
| 4:2      | 3217-27     | 3    | Nut-Hex                |
| 4:3      | 105-9265    | 1    | Bulb And Lamp ASM      |
| 5        | 3258-166    | 2    | Screw                  |
| 6        | 98-9306     | 1    | Light-Warning          |
| 6:1      | 3254-1      | 1    | Washer-Lock, Internal  |
| 6:2      | 3217-27     | 1    | Nut-Hex                |
| 6:3      | 105-9264    | 4    | Bulb And Lamp ASM      |
| 8        | 104-9296    | 1    | Decal-Control          |
| 9        | 98-9308     | 1    | Gauge-Temperature      |
| 9:1      | 3254-1      | 3    | Washer-Lock, Internal  |
| 9:2      | 3217-27     | 3    | Nut-Hex                |
| 9:3      | 105-9265    | 1    | Bulb And Lamp ASM      |
| 10       | 104-9251-03 | 1    | Plate-Instrument       |
| 11       | 233-42      | 1    | Knob                   |
| 12       | 93-5961     | 1    | Boot-Lever             |
| 13       | 105-7507    | 1    | Hub-Pivot, Joystick    |

| Ref. No. | Part No.    | Qty. | Description              |
|----------|-------------|------|--------------------------|
| 14       | 94-5780     | 1    | Bolt-Head                |
| 16       | 93-5509     | 1    | Spring-Tension           |
| 17       | 93-5512     | 1    | Spacer                   |
| 18       | 93-5547     | 2    | Bushing-Nylon            |
| 19       | 105-7513-03 | 1    | Bracket-Lift Lever       |
| 20       | 3296-52     | 4    | Nut-Lock NI              |
| 21       | 3218-3      | 1    | Nut-Jam (only on: 03806) |
| 22       | 32128-33    | 2    | Nut-HF                   |
| 23       | 111332      | 2    | Switch                   |
| 24       | 3290-329    | 4    | Screw-PPH                |
| 26       | 105-7508    | 1    | Lever-Joystick           |
| 27       | 3296-29     | 1    | Nut-Lock, NI             |
| 28       | 93-7974-03  | 1    | Plate-Battery Box        |
| 29       | 3234-5      | 3    | Screw                    |
| 30       | 93-7595     | 1    | Box-Battery              |
| 32       | 105-0114    | 1    | Cable-Battery, Positive  |
| 33       | 105-0115    | 1    | Cable-Battery, Negative  |
| 34       | 93-7968     | 1    | Pad-Foam                 |
| 35       | 94-1445     | 1    | Strap-Battery            |
| 36       | 93-6668     | 1    | Decal-Battery            |
| 37       | 93-7276     | 1    | Decal-Danger             |
| 38       | 3290-378    | 2    | Tie-Cable                |
| 39       | 3256-75     | 2    | Washer-Flat              |



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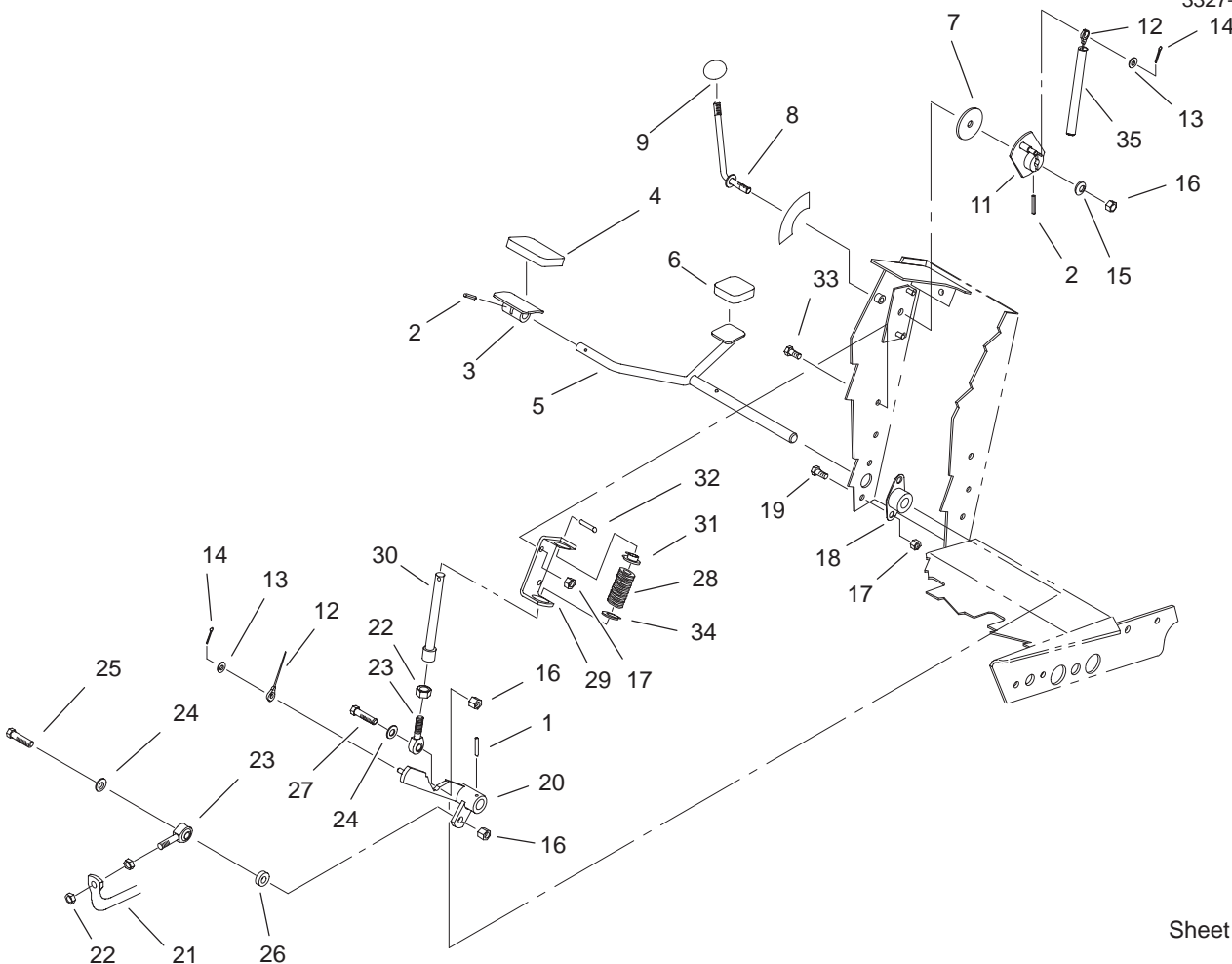
## Hydraulic Filter and Reservoir Assembly

| Ref. No. | Part No.  | Qty. | Description             |
|----------|-----------|------|-------------------------|
| 1        | 104-9254  | 1    | Tank-Oil                |
| 2        | 99-2580   | 1    | Cover-Tank              |
| 3        | 61-2790   | 1    | Filter-Screen           |
| 4        | 75-3710   | 1    | Dipstick                |
| 5        | 93-7499   | 1    | Gasket                  |
| 6        | 93-7498   | 1    | Plug-Plastic            |
| 7        | 94-8166   | 1    | O-Ring                  |
| 8        | 92-8020   | 3    | Adapter-Breather        |
| 9        | 104-3795  | 1    | Fitting-Tee, Hyd        |
| 9:1      | 340-65    | 2    | O-Ring                  |
| 9:2      | 237-146   | 1    | O-Ring                  |
| 10       | 68-6150   | 1    | Breather-Air            |
| 11       | 2412-111  | 1    | Clamp                   |
| 12       | 104-3790  | 1    | Pump Return Hose<br>ASM |
| 13       | 104-3792  | 1    | Hose-Suction            |
| 15       | 105-0131  | 1    | Strainer-Tank, Oil      |
| 15:1     | 340-136   | 1    | O-Ring                  |
| 16       | 33105-025 | 3    | Screw-HHF               |
| 17       | 63-8410   | 3    | Washer                  |
| 18       | 240-11    | 3    | Grommet-Mount,<br>Tank  |
| 19       | 340-98    | 1    | Fitting-Hyd, 90°        |
| 19:1     | 237-79    | 1    | O-Ring                  |
| 19:2     | 237-30    | 1    | O-Ring                  |
| 20       | 92-7478   | 1    | RH Motor Tube ASM       |

| Ref. No. | Part No.  | Qty. | Description                |
|----------|-----------|------|----------------------------|
| 21       | 33104-020 | 6    | Screw-HHF                  |
| 22       | 353-508   | 1    | Plug                       |
| 22:1     | 237-42    | 1    | O-Ring                     |
| 23       | 104-3748  | 1    | Hydraulic Tank Tube<br>ASM |
| *23:1    | 340-65    | 1    | O-Ring                     |

\* Not illustrated



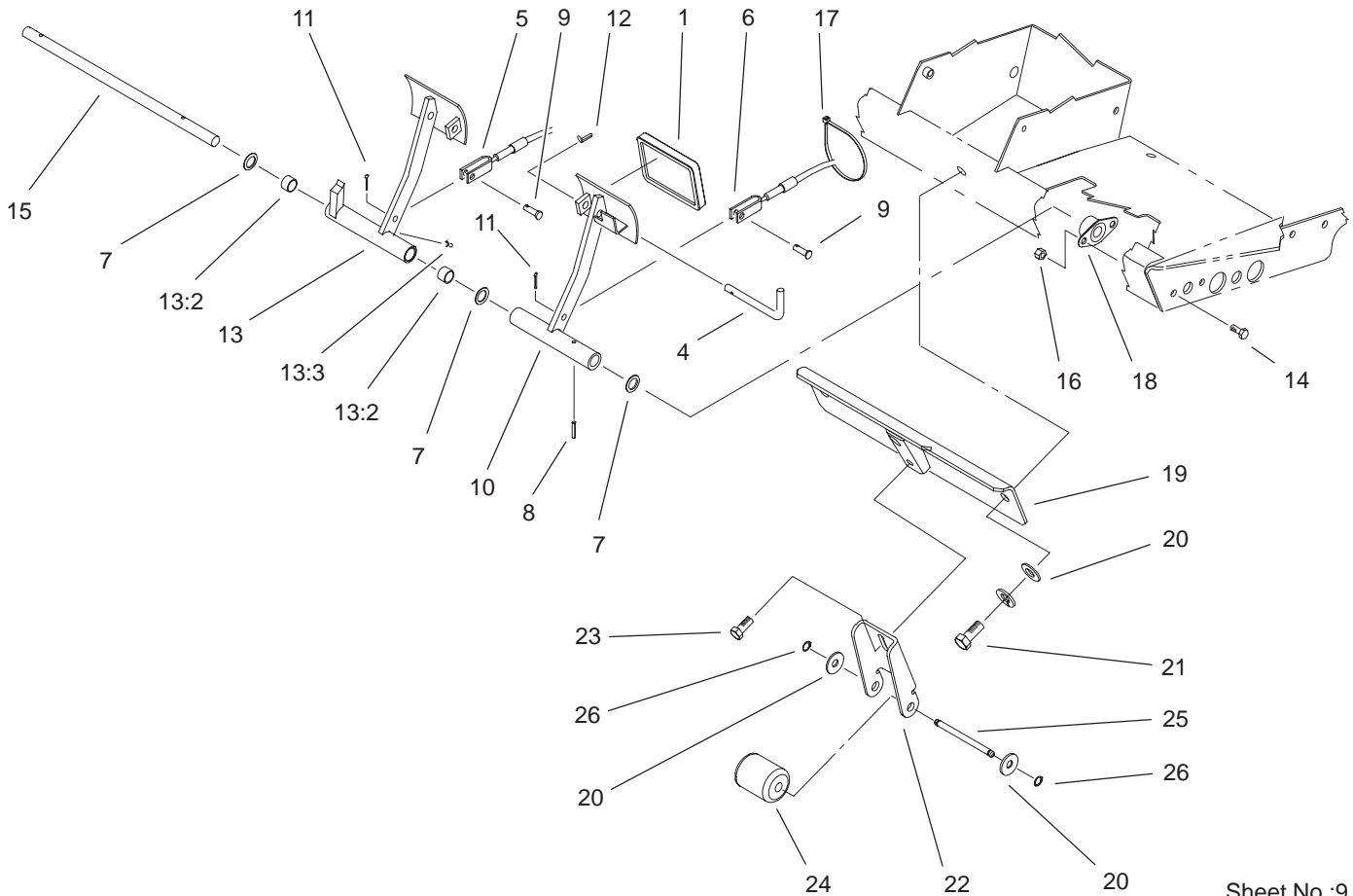


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## Traction Pedal Assembly

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 1        | 32121-6     | 1    | Pin-Roll              |
| 2        | 32121-45    | 2    | Pin-Spring            |
| 3        | 49-6440-03  | 1    | Pedal-Forward         |
| 4        | 74-9100     | 1    | Pad-Pedal, Forward    |
| 5        | 75-2970     | 1    | Pedal-Traction        |
| 6        | 74-9110     | 1    | Pad-Pedal, Reverse    |
| 7        | 75-6550     | 1    | Disc-Friction         |
| 8        | 75-6490     | 1    | Lever                 |
| 9        | 233-42      | 1    | Knob                  |
| 11       | 75-6510     | 1    | Bracket-Lever         |
| 12       | 75-6580     | 1    | Cable-Pedal           |
| 13       | 3256-22     | 2    | Washer-Flat           |
| 14       | 3272-2      | 2    | Pin-Cotter            |
| 15       | 3290-461    | 1    | Washer-Spring         |
| 16       | 3296-39     | 3    | Nut-Lock, NI          |
| 17       | 32128-20    | 4    | Nut-HF                |
| 18       | 256-236     | 2    | Bearing-Mount, Flange |
| 19       | 322-3       | 4    | Screw-HH              |
| 20       | 75-3270-03  | 1    | Hub-Pivot, Traction   |
| 21       | 100-3893-03 | 1    | Tube-Pump Control     |
| 22       | 3220-3      | 3    | Nut-Jam               |
| 23       | 2411-36     | 2    | Bearing-End, Rod      |
| 24       | 3256-24     | 2    | Washer-Flat           |
| 25       | 323-9       | 1    | Screw-HH              |
| 26       | 5-0652      | 1    | Spacer                |

| Ref. No. | Part No.   | Qty. | Description     |
|----------|------------|------|-----------------|
| 27       | 323-29     | 1    | Screw-HH        |
| 28       | 60-5700    | 1    | Spring          |
| 29       | 92-7608-03 | 1    | Bracket-Spring  |
| 30       | 92-7609    | 1    | Shaft-Spring    |
| 31       | 92-7610    | 1    | Retainer-Spring |
| 32       | 32121-11   | 1    | Pin-Roll        |
| 33       | 32144-14   | 2    | Screw-HWH       |
| 34       | 3256-5     | 1    | Washer-Flat     |
| 35       | 95-7151    | 1    | Tube-Convolved  |



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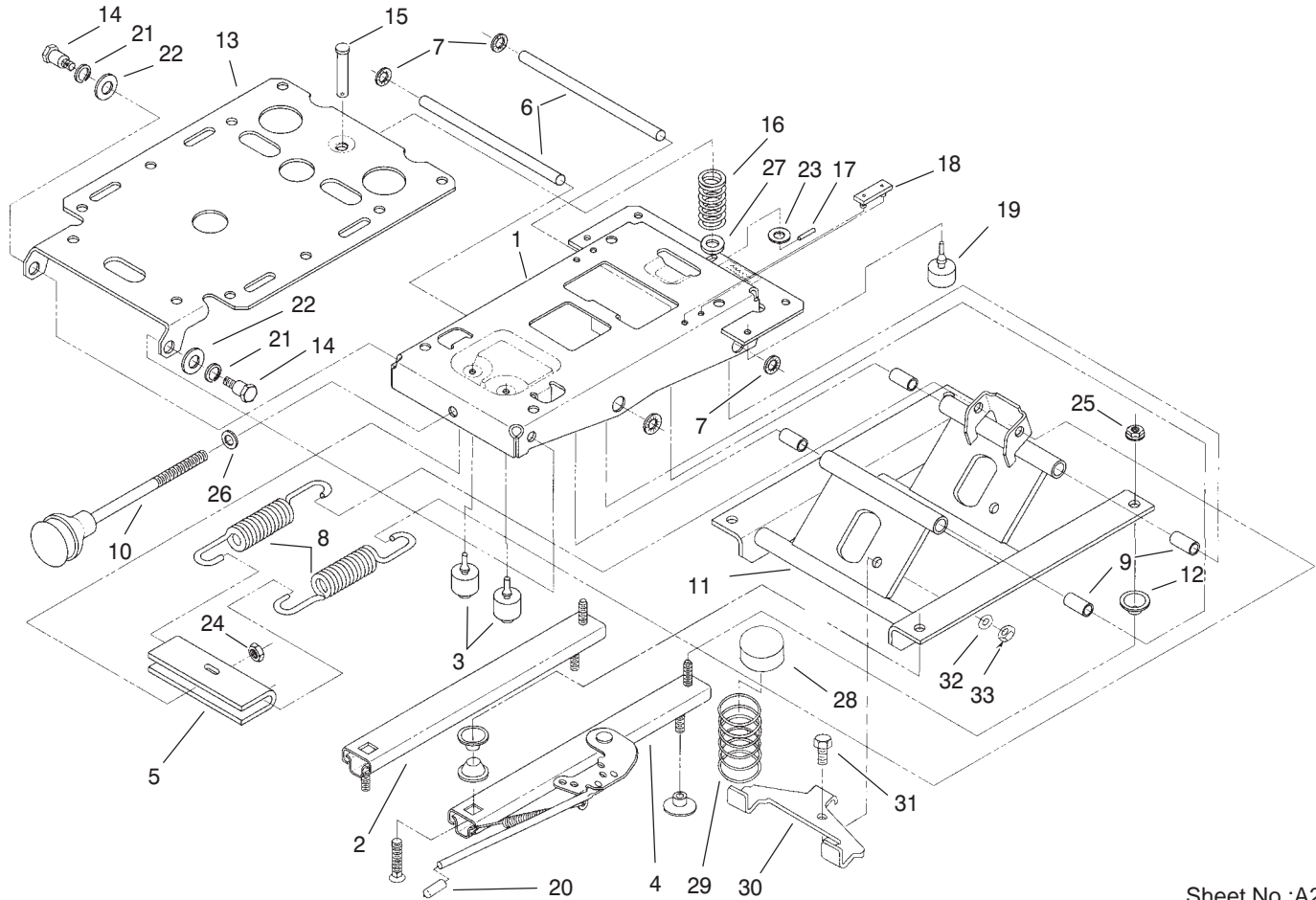
## Brake Pedal Assembly

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 1        | 93-8742     | 2    | Footpad-Brake         |
| 4        | 63-7880     | 1    | Pin-Latch, Brake      |
| 5        | 92-7530     | 1    | LH Brake Cable ASM    |
| 6        | 92-7529     | 1    | RH Brake Cable ASM    |
| 7        | 3256-69     | 3    | Washer-Flat           |
| 8        | 32121-16    | 1    | Pin-Spring            |
| 9        | 283-58      | 2    | Pin-Clevis            |
| 10       | 75-1440-03  | 1    | Pedal-Brake, LH       |
| 11       | 3272-10     | 2    | Pin-Cotter            |
| 12       | 32121-50    | 1    | Pin-Spring            |
| 13       | 75-1430     | 1    | Pedal-Brake, RH       |
| 13:2     | 256-42      | 2    | Bushing               |
| 13:3     | 302-5       | 1    | Fitting-Grease        |
| 14       | 322-3       | 4    | Screw-HH              |
| 15       | 75-1470     | 1    | Pin-Pivot, Brake      |
| 16       | 32128-20    | 4    | Nut-HF                |
| 17       | 3290-378    | 1    | Tie-Cable             |
| 18       | 256-236     | 2    | Bearing-Mount, Flange |
| 19       | 105-0138-03 | 1    | Stabilizer            |
| 20       | 3256-26     | 2    | Washer-Flat           |
| 21       | 33106-035   | 2    | Screw-HHF             |
| 22       | 100-3868-03 | 1    | Bracket-Tipper        |
| 23       | 3234-1      | 2    | Screw-HHF             |
| 24       | 75-5390     | 1    | Roller                |

| Ref. No. | Part No. | Qty. | Description    |
|----------|----------|------|----------------|
| 25       | 75-5400  | 1    | Pin-Roller     |
| 26       | 32151-61 | 2    | Ring-Retaining |



3327-254

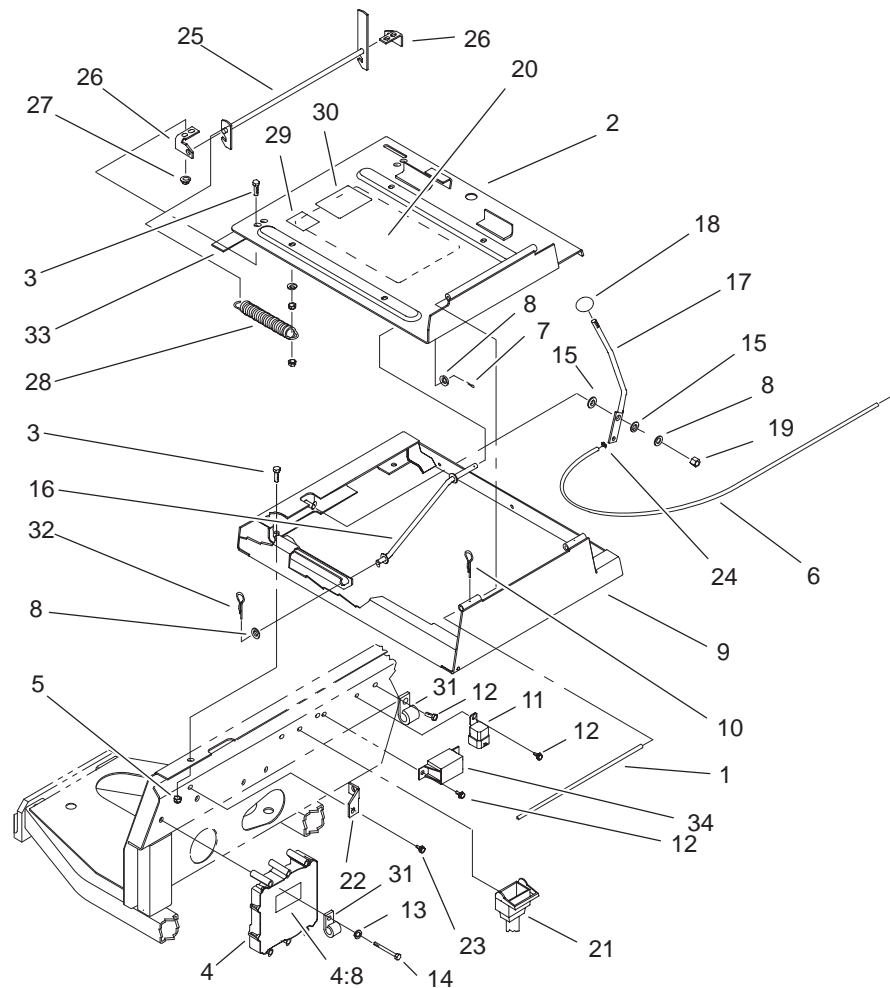


Sheet No.:A2  
T-3437

## Seat Suspension Assembly No. 75-3000

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 75-3480  | 1    | Frame-Upper            |
| 2        | 66-8530  | 1    | Adjuster               |
| 3        | 66-8520  | 2    | Bumper-Downstop        |
| 4        | 82-9060  | 1    | Adjuster W/Handle      |
| 5        | 77-2870  | 1    | Hanger-Spring          |
| 6        | 76-1910  | 2    | Shaft-Pivot            |
| 7        | 66-8560  | 4    | Nut-Push               |
| 8        | 76-1940  | 2    | Spring-Extension       |
| 9        | 76-1920  | 4    | Sleeve-Bearing         |
| 10       | 76-1930  | 1    | Knob-Adjuster, Tension |
| 11       | 66-8610  | 1    | Frame-Lower            |
| 12       | 66-9290  | 6    | Spacer-Suspension      |
| 13       | 75-3580  | 1    | Plate-Seat             |
| 14       | 75-3510  | 2    | Bolt-Shoulder          |
| 15       | 80-4860  | 1    | Pin-Clevis             |
| 16       | 75-3530  | 1    | Spring-Compression     |
| 17       | 75-3540  | 1    | Pin-Roll               |
| 18       | 75-3550  | 2    | Bumper-Seat            |
| 19       | 76-2940  | 2    | Bumper                 |
| 20       | 75-3570  | 1    | Tip-Vinyl              |
| 21       | 3253-6   | 2    | Washer-Lock            |
| 22       | 3256-26  | 2    | Washer-Flat            |
| 23       | 3256-24  | 1    | Washer-Flat            |
| 24       | 3296-44  | 1    | Nut-Lock, NI           |
| 25       | 32128-26 | 4    | Nut-Flange             |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 26       | 3256-46  | 1    | Washer-Flat |
| 27       | 3256-5   | 1    | Washer-Flat |
| 28       | 93-3164  | 2    | Cap         |
| 29       | 93-3163  | 2    | Spring      |
| 30       | 93-3165  | 1    | Bracket     |
| 31       | 322-6    | 1    | Screw-HH    |
| 32       | 3253-33  | 1    | Washer-Lock |
| 33       | 3217-6   | 1    | Nut-Hex     |



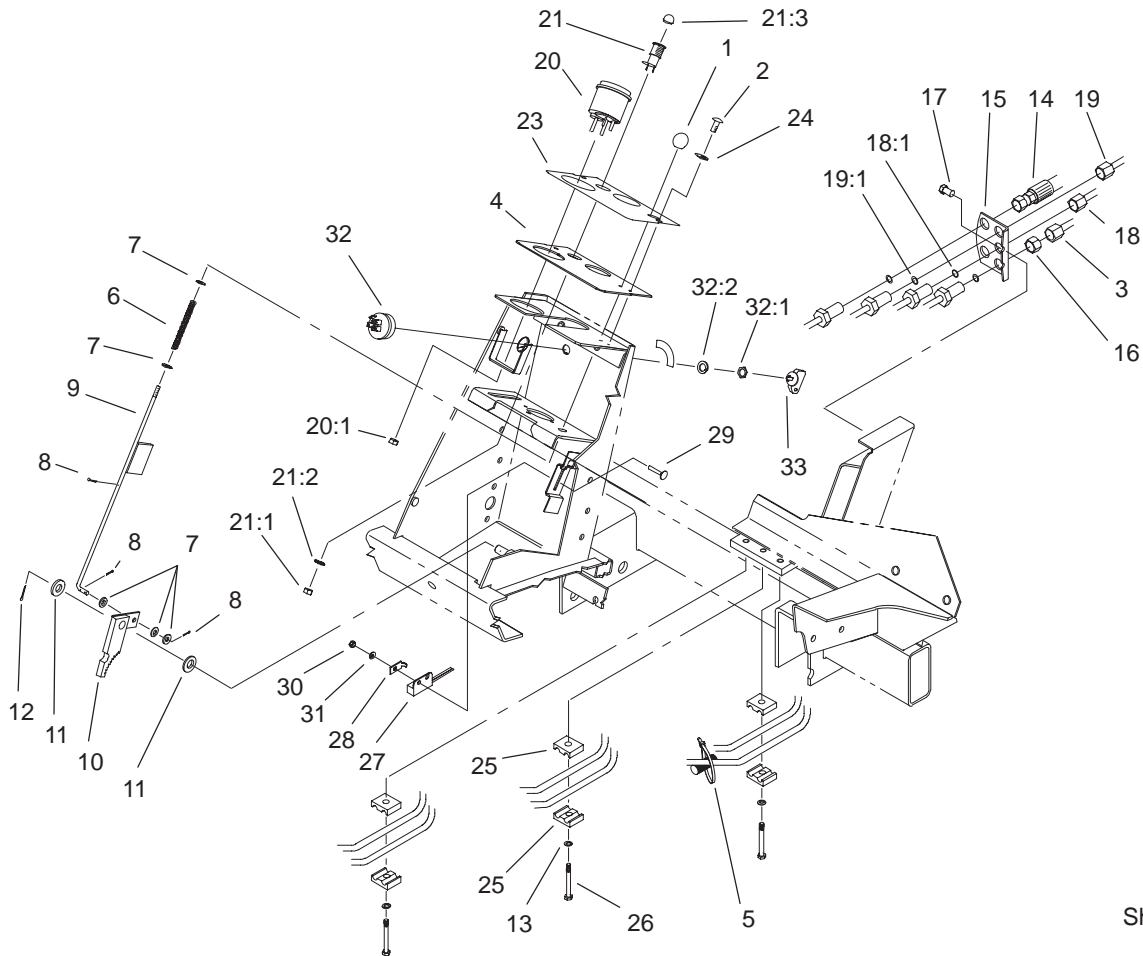
Sheet No.:11

## Seat Frame and Throttle Assembly

| Ref. No. | Part No.   | Qty. | Description                   | Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|-------------------------------|----------|------------|------|----------------------|
| 1        | 75-3400    | 1    | Shaft-Pivot, Seat             | 25       | 98-2354-03 | 1    | Latch-Seat           |
| 2        | 98-2350-03 | 1    | Plate-Seat                    | 26       | 98-2353    | 2    | Bracket-Latch, Seat  |
| 3        | 322-3      | 8    | Screw-HH                      | 27       | 32128-25   | 4    | Nut-Flange           |
| 4        | 92-5720    | 1    | Controller-Electronic         | 28       | 66-4190-03 | 1    | Spring-Idler, Clutch |
| 4:8      | 93-8053    | 1    | Decal                         | 29       | 105-4674   | 1    | Decal-Noise, Ce      |
| 5        | 3296-29    | 4    | Nut-Lock, NI                  | 30       | 85-6910    | 1    | Decal-Rating, Noise  |
| 6        | 105-0102   | 1    | Cable-Throttle                | 31       | 2412-109   | 2    | Clip-J               |
| 7        | 3272-10    | 1    | Pin-Cotter                    | 32       | 3290-307   | 1    | Pin-Hair             |
| 8        | 3256-24    | 3    | Washer-Flat                   | 33       | 94-8146    | 1    | Strip-Foam           |
| 9        | 98-2352-03 | 1    | Frame-Seat                    | 34       | 66-8800    | 1    | Relay                |
| 10       | 3290-467   | 1    | Pin-Hair                      |          |            |      |                      |
| 11       | 70-1480    | 1    | Relay                         |          |            |      |                      |
| 12       | 32144-10   | 4    | Screw-HWH                     |          |            |      |                      |
| 13       | 3253-3     | 3    | Washer-Lock                   |          |            |      |                      |
| 14       | 321-14     | 3    | Screw-HH                      |          |            |      |                      |
| 15       | 52-2900    | 2    | Washer                        |          |            |      |                      |
| 16       | 75-3680-03 | 1    | Rod-Seat                      |          |            |      |                      |
| 17       | 93-7598-03 | 1    | Lever-Throttle                |          |            |      |                      |
| 18       | 233-42     | 1    | Knob                          |          |            |      |                      |
| 19       | 3296-39    | 1    | Nut-Lock, NI                  |          |            |      |                      |
| 20       | 105-7528   | 1    | Decal-Solenoid<br>Information |          |            |      |                      |
| 21       | 105-3352   | 1    | Harness-Wire, Main            |          |            |      |                      |
| 22       | 92-7396-03 | 1    | Mount-Cable                   |          |            |      |                      |
| 23       | 49-2040    | 1    | Screw-Tapping                 |          |            |      |                      |
| 24       | 52-5910    | 1    | Ring-Retaining                |          |            |      |                      |





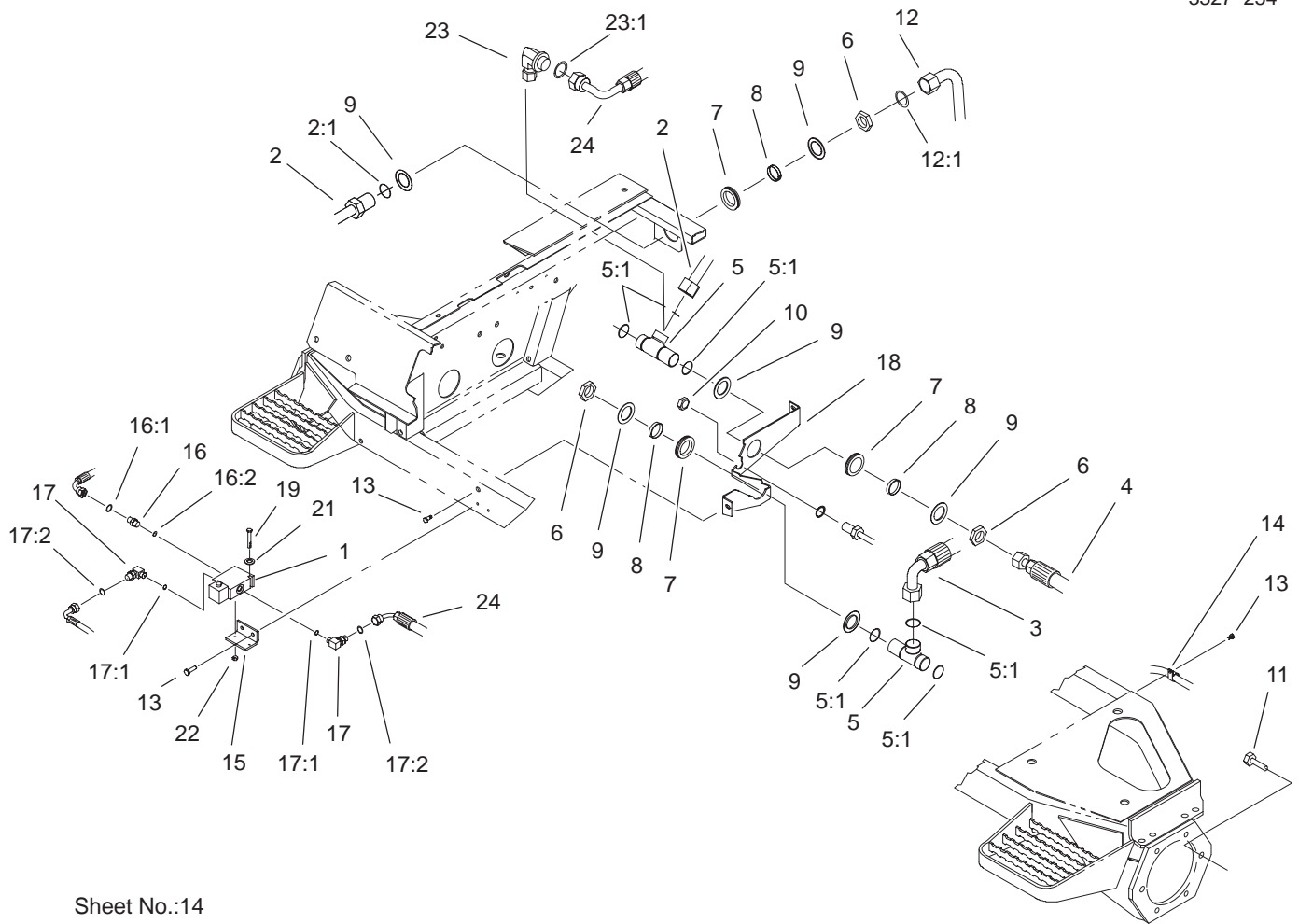


Sheet No.:13

## Steering Tower Assembly

| Ref. No. | Part No.   | Qty. | Description                |
|----------|------------|------|----------------------------|
| 1        | 233-17     | 1    | Knob                       |
| 2        | 87-6620    | 2    | Screw-Special              |
| 3        | 104-3738   | 1    | Hyd Tube ASM               |
| 4        | 93-7998-03 | 1    | Plate-Instrument           |
| 5        | 3290-379   | 1    | Tie-Cable                  |
| 6        | 95-1821-03 | 1    | Spring-Compression         |
| 7        | 3256-22    | 5    | Washer-Flat                |
| 8        | 3272-5     | 3    | Pin-Cotter                 |
| 9        | 104-1492   | 1    | Rod ASM                    |
| 10       | 63-7900-03 | 1    | Rack ASM                   |
| 11       | 3256-26    | 2    | Washer-Flat                |
| 12       | 3272-10    | 1    | Pin-Cotter                 |
| 13       | 3256-23    | 3    | Washer-Flat                |
| 14       | 105-7926   | 1    | Hose ASM-Steering          |
| 15       | 92-7606-03 | 1    | Bracket-Bulkhead           |
| 16       | 340-70     | 4    | Locknut-Bulkhead           |
| 17       | 32144-11   | 2    | Screw-TAP                  |
| 18       | 104-3745   | 1    | Tube ASM-Straight, Rear RH |
| 18:1     | 237-22     | 1    | O-Ring                     |
| 19       | 104-3746   | 1    | Tube ASM-Straight, Rear In |
| 19:1     | 237-22     | 1    | O-Ring                     |
| 20       | 105-3304   | 1    | Speedometer                |
| 20:1     | 3296-1     | 4    | Nut-Lock NI                |
| 21       | 44-2210    | 1    | Light-Indicator, Red       |

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 21:1     | 218-535  | 1    | Nut-Hex               |
| 21:2     | 218-536  | 1    | Washer-Lock           |
| 21:3     | 218-533  | 1    | Lens                  |
| 23       | 93-1263  | 1    | Decal-Tower           |
| 24       | 3256-1   | 2    | Washer-Flat           |
| 25       | 56-7973  | 6    | Clamp-Tube            |
| 26       | 322-6    | 3    | Screw-HH              |
| 27       | 100-1270 | 1    | Switch-Proximity      |
| 28       | 100-4872 | 1    | Plate-Switch, Neutral |
| 29       | 104-1450 | 1    | Bolt-CARR             |
| 30       | 3296-2   | 1    | Nut-Lock              |
| 31       | 3256-14  | 1    | Washer-Flat           |
| 32       | 27-2360  | 1    | Switch-Key            |
| 32:1     | 218-446  | 1    | Nut-Hex               |
| 32:2     | 218-447  | 1    | Washer-Lock           |
| 33       | 63-8360  | 1    | Key-Ignition          |

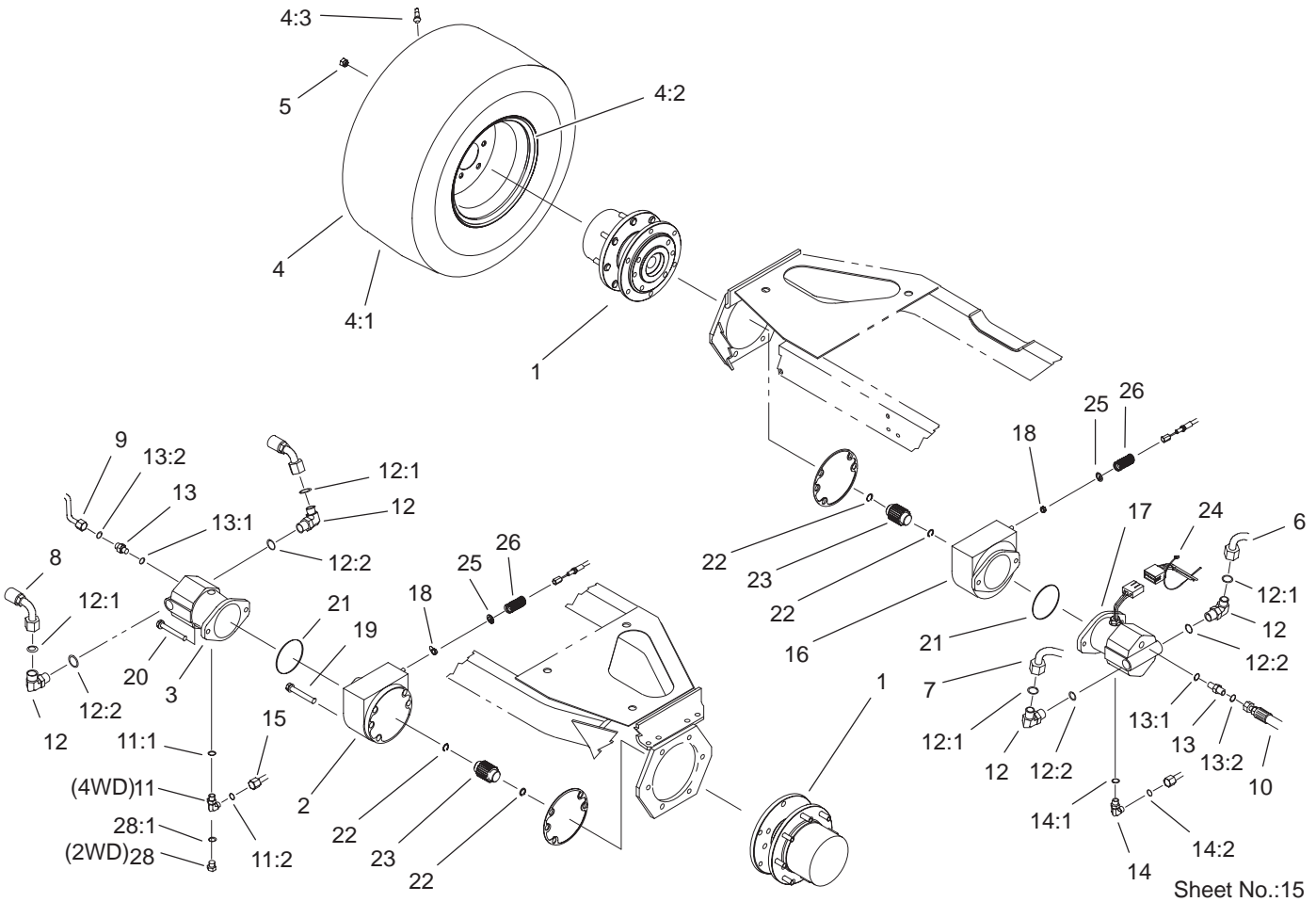


Sheet No.:14

## Front Hydraulic Drive Assembly

| Ref. No. | Part No. | Qty. | Description                     |
|----------|----------|------|---------------------------------|
| 1        | 105-3303 | 1    | Flow Divider Valve ASM          |
| 2        | 104-3719 | 1    | Hyd Tube ASM (only on: 03807)   |
| 2:1      | 340-65   | 1    | O-Ring (only on: 03807)         |
| 3        | 105-7922 | 1    | Hyd Hose ASM                    |
| 4        | 92-7486  | 1    | Hydraulic Hose ASM              |
| 5        | 92-7550  | 2    | Fitting-Bulkhead Tee            |
| 5:1      | 340-65   | 3    | O-Ring                          |
| 6        | 340-128  | 2    | Nut-Bulkhead (only on: 03806)   |
| 6        | 340-128  | 3    | Nut-Bulkhead (only on: 03807)   |
| 7        | 240-2    | 2    | Grommet-Rubber (only on: 03806) |
| 7        | 240-2    | 3    | Grommet-Rubber (only on: 03807) |
| 8        | 69-8950  | 3    | Spacer (only on: 03807)         |
| 8        | 69-8950  | 2    | Spacer (only on: 03806)         |
| 9        | 69-8920  | 4    | Washer (only on: 03806)         |
| 9        | 69-8920  | 6    | Washer (only on: 03807)         |

| Ref. No. | Part No.   | Qty. | Description                        |
|----------|------------|------|------------------------------------|
| 10       | 340-127    | 1    | Nut-Bulkhead                       |
| 11       | 33106-030  | 12   | Screw-HHF                          |
| 12       | 104-3736   | 1    | Hyd Tube ASM (only on: 03807)      |
| 12:1     | 237-58     | 1    | O-Ring (only on: 03807)            |
| 13       | 32144-11   | 6    | Screw-TAP                          |
| 14       | 2412-93    | 2    | Clamp-R                            |
| 15       | 100-3807   | 1    | Bracket-Flow Divider               |
| 16       | 340-1      | 1    | Adapter                            |
| 16:1     | 237-35     | 1    | O-Ring                             |
| 16:2     | 237-42     | 1    | O-Ring                             |
| 17       | 340-82     | 2    | Adapter                            |
| 17:1     | 237-42     | 1    | O-Ring                             |
| 17:2     | 237-21     | 1    | O-Ring                             |
| 18       | 92-7455-03 | 1    | Plate-Bulkhead                     |
| 19       | 321-23     | 2    | Screw-HH                           |
| 21       | 3256-2     | 2    | Washer-Flat                        |
| 22       | 3296-42    | 2    | Nut-Lock, NI                       |
| 23       | 92-7645    | 1    | Elbow-90°, Swivel (only on: 03806) |
| 23:1     | 340-65     | 1    | O-Ring (only on: 03806)            |
| 24       | 100-3783   | 1    | Hose ASM                           |

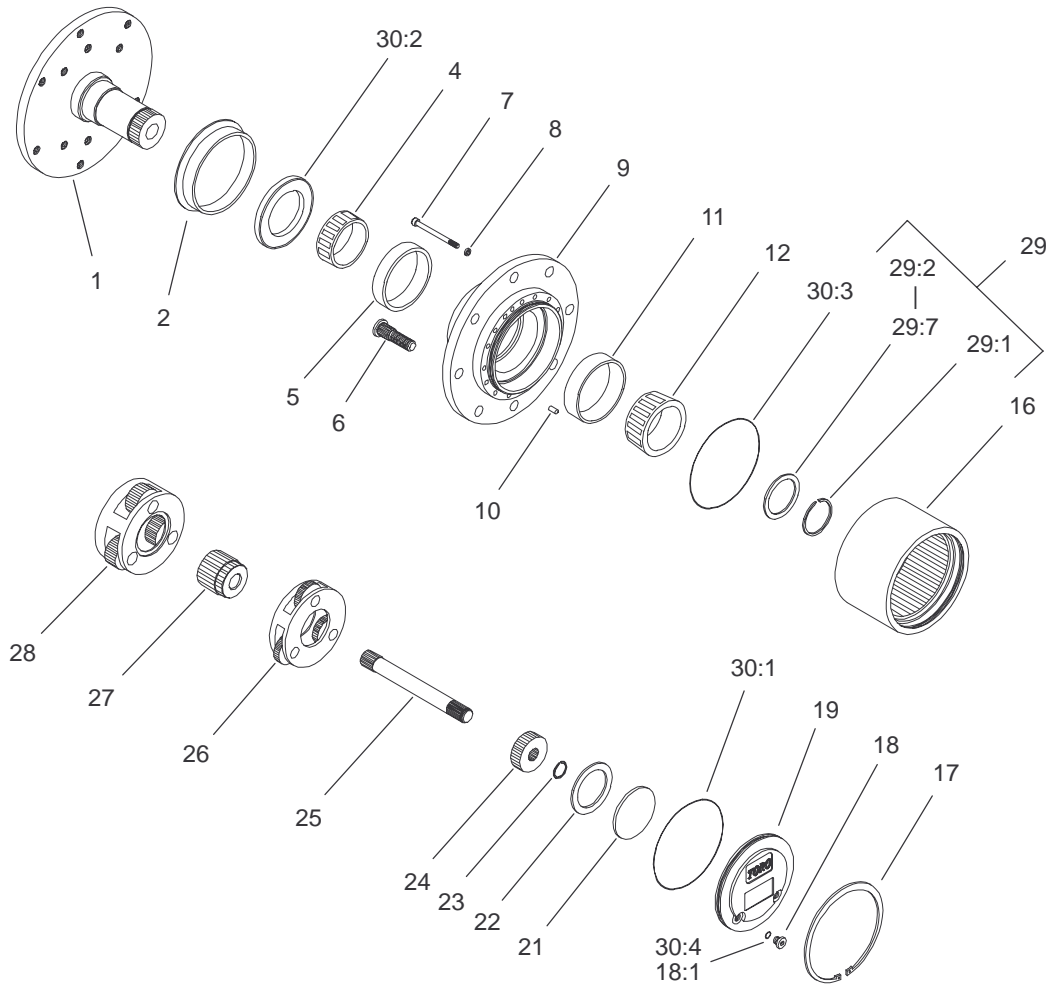


## Front Axle and Brake Assembly

| Ref. No. | Part No.    | Qty. | Description                          |
|----------|-------------|------|--------------------------------------|
| 1        | 105-4500-03 | 2    | Planetary ASM                        |
| 2        | 100-3070-03 | 1    | LH Brake ASM                         |
| 3        | 92-7385     | 1    | Motor-Planetary                      |
| ☆4       |             | 2    | Wheel & Tire ASM                     |
| 4:1      | 95-3465     | 1    | Tire                                 |
| 4:2      | 95-3464     | 1    | Rim                                  |
| 4:3      | 232-24      | 1    | Stem-Valve                           |
| 5        | 92-7483     | 16   | Nut-Lug                              |
| 6        | 92-7475     | 1    | Traction Tube ASM                    |
| 7        | 92-7476     | 1    | Traction Tube ASM                    |
| 8        | 92-7487     | 1    | Hydraulic Hose ASM                   |
| 9        | 92-7477     | 1    | Motor Drain Tube ASM                 |
| 10       | 92-7488     | 1    | Hydraulic Hose ASM                   |
| 11       | 340-18      | 1    | Fitting-Hyd, 90°<br>(only on: 03807) |
| 11:1     | 237-79      | 1    | O-Ring (only on:<br>03807)           |
| 11:2     | 237-22      | 1    | O-Ring (only on:<br>03807)           |
| 12       | 340-142     | 4    | Elbow-90°                            |
| 12:1     | 237-58      | 1    | O-Ring                               |
| 12:2     | 237-81      | 1    | O-Ring                               |
| 13       | 340-5       | 2    | Fitting-Straight                     |
| 13:1     | 237-42      | 1    | O-Ring                               |
| 13:2     | 237-30      | 1    | O-Ring                               |
| 14       | 340-98      | 1    | Fitting-Hyd, 90°                     |

| Ref. No. | Part No.    | Qty. | Description                              |
|----------|-------------|------|--|
| 14:1     | 237-79      | 1    | O-Ring                                   |
| 14:2     | 237-30      | 1    | O-Ring                                   |
| 15       | 92-7598     | 1    | Front Drain Tube ASM<br>(only on: 03807) |
| 16       | 100-3069-03 | 1    | RH Brake ASM                             |
| 17       | 93-7476     | 1    | Motor                                    |
| 18       | 3218-4      | 2    | Nut-Jam                                  |
| 19       | 33106-090   | 8    | Screw-HHF                                |
| 20       | 33116-120   | 4    | Screw-HH                                 |
| 21       | 237-166     | 2    | O-Ring                                   |
| 22       | 93-7972     | 4    | Ring-Retaining, Int.                     |
| 23       | 100-3046    | 2    | Shaft-Splined, Brake                     |
| 24       | 3290-378    | 2    | Tie-Cable                                |
| 25       | 94-3050     | 2    | Plate-Spring                             |
| 26       | 94-3088     | 2    | Spring-Compression                       |
| 28       | 353-550     | 1    | Plug-Hyd (only on:<br>03806)             |
| 28:1     | 237-79      | 1    | O-Ring (only on:<br>03806)               |

☆ Not serviced separately



Sheet No.:A4  
T-3867

## Planetary Drive Assembly No. 105-4500-03

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| ☆1       |          | 1    | Spindle               |
| 2        | 105-8122 | 1    | Seal-Boot             |
| 4        | 105-8120 | 1    | Bearing-Cone          |
| 5        | 105-8119 | 1    | Bearing-Cup           |
| 6        | 105-8124 | 8    | Stud-Wheel            |
| 7        | 105-8125 | 16   | Bolt-Socket Head      |
| 8        | 3253-18  | 16   | Washer-Lock/Sp        |
| ☆9       |          | 1    | Housing               |
| 10       | 105-8121 | 1    | Pin-Dowel             |
| 11       | 105-8117 | 1    | Bearing-Cup           |
| 12       | 105-8118 | 1    | Bearing-Cone          |
| 16       | 105-8113 | 1    | Gear-Ring             |
| 17       | 105-8132 | 1    | Ring-Retaining        |
| 18       | 353-990  | 2    | Plug                  |
| 18:1     | 237-78   | 1    | O-Ring                |
| 19       | 105-8138 | 1    | Cap-End               |
| 21       | 105-8133 | 1    | Plug-Thrust           |
| 22       | 105-8123 | 1    | Washer-Thrust         |
| 23       | 105-8131 | 1    | Ring-Retaining        |
| 24       | 105-8114 | 1    | Gear-Primary          |
| 25       | 105-8115 | 1    | Shaft-Drive           |
| 26       | 105-8129 | 1    | Primary Carrier ASM   |
| 27       | 105-8139 | 1    | Gear-Secondary        |
| 28       | 105-8130 | 1    | Secondary Carrier ASM |
| 29       | 105-8136 | 1    | Part Kit              |

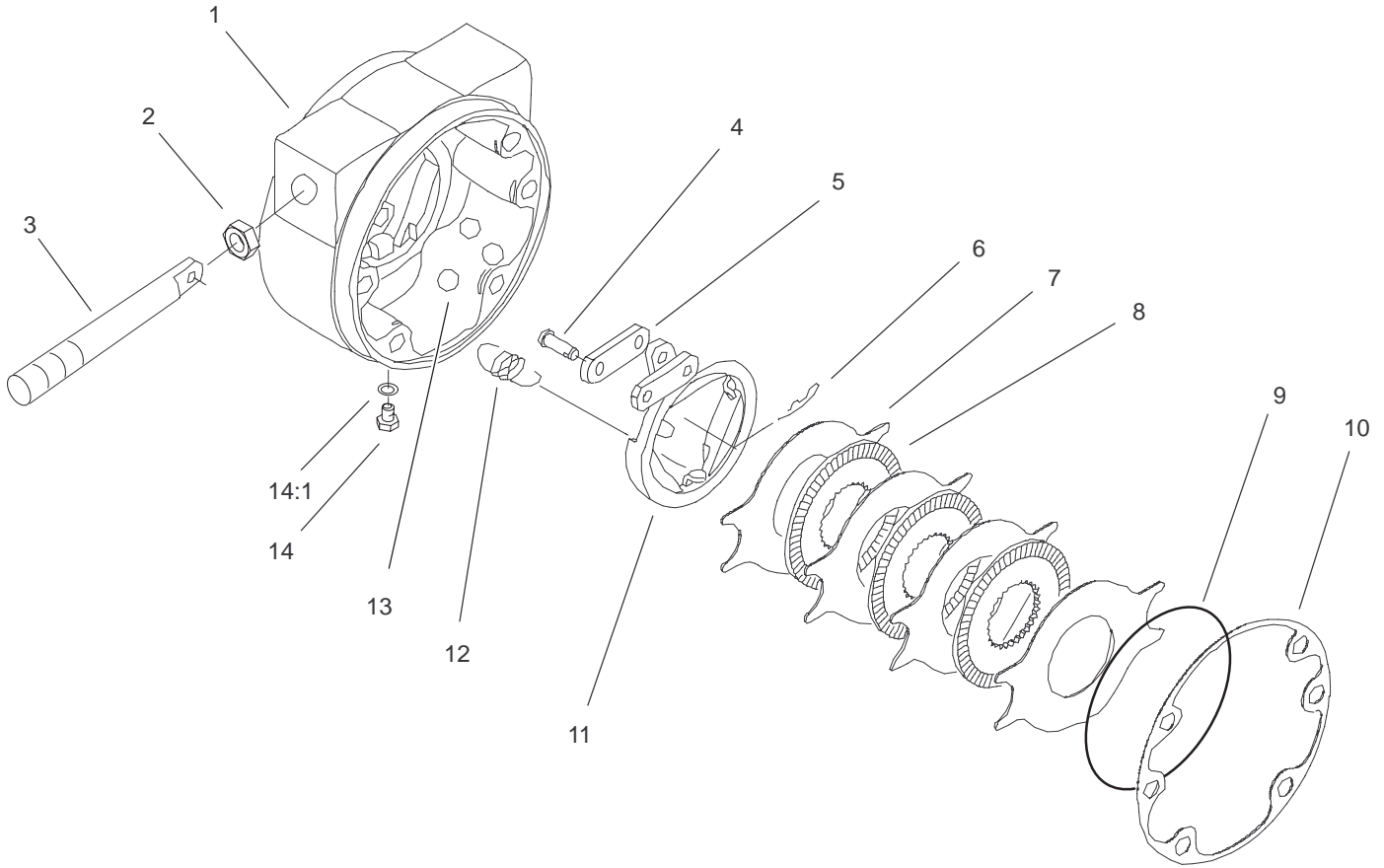
| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| ☆29:1    |          | 1    | Ring-Snap           |
| ☆29:2    |          | 1    | Shim-Bearing, 2.9mm |
| ☆29:3    |          | 1    | Shim-Bearing, 2.8mm |
| ☆29:4    |          | 1    | Shim-Bearing, 2.7mm |
| ☆29:5    |          | 1    | Shim-Bearing, 2.6mm |
| ☆29:6    |          | 1    | Shim-Bearing, 2.5mm |
| ☆29:7    |          | 1    | Shim-Bearing, 2.4mm |
| *30      | 105-8137 | 1    | Seal Kit            |
| ☆30:1    |          | 1    | O-Ring, Flange Cap  |
| ☆30:2    |          | 1    | Seal-Oil            |
| ☆30:3    |          | 2    | O-Ring, End Cap     |
| ☆30:4    |          | 2    | O-Ring, Plug        |

☆ Not serviced separately

\* Not illustrated







Sheet No.:A7  
T-3759

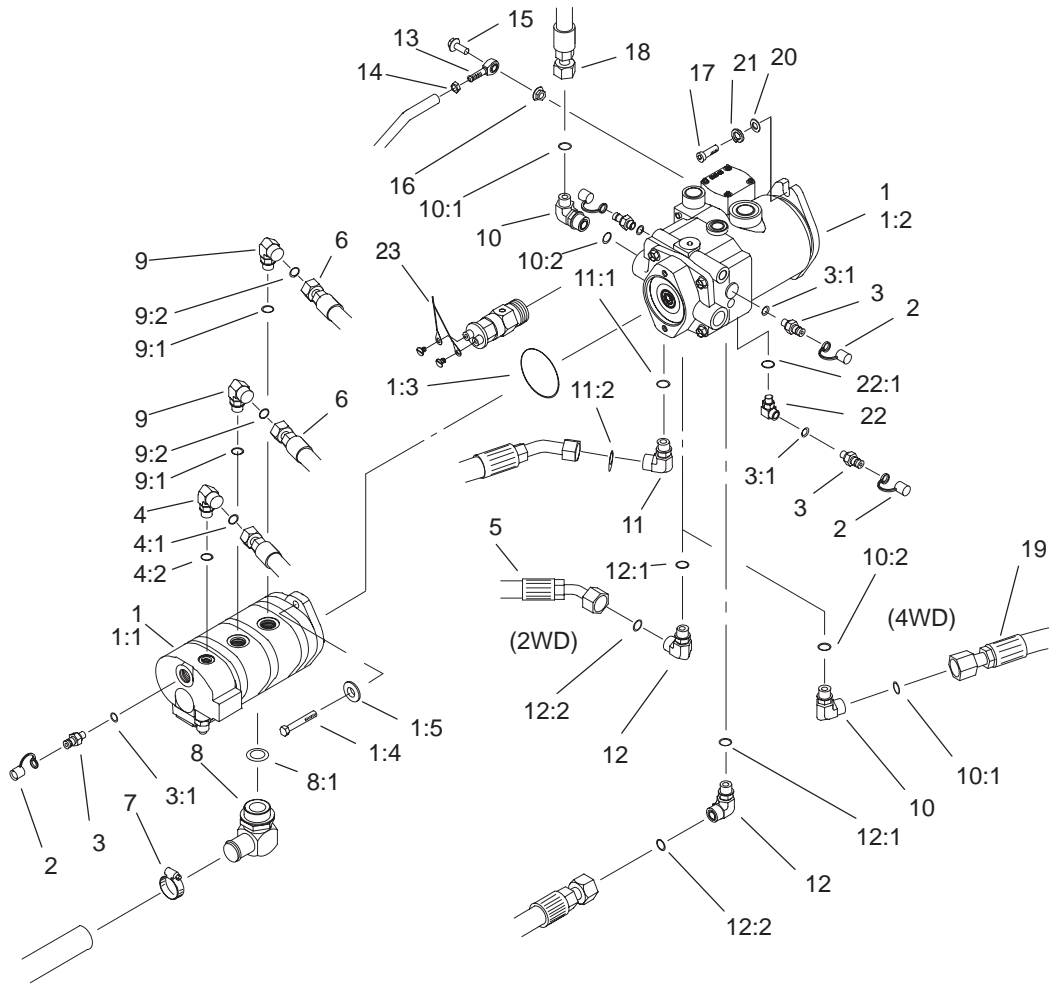
## RH Brake Assembly No. 100-3069-03

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| ☆1       |          | 1    | RH Brake ASM      |
| 2        | 93-7977  | 1    | Seal              |
| 3        | 93-7978  | 1    | Rod-Pull          |
| 4        | 93-7983  | 2    | Pin-Clevis        |
| 5        | 93-7980  | 2    | Link              |
| 6        | 93-7979  | 2    | Pin-Hitch         |
| 7        | 93-7986  | 4    | Disc-Stationary   |
| 8        | 104-4278 | 3    | Disc-Rotating     |
| 9        | 93-7976  | 1    | Ring-Retaining    |
| 10       | 93-7984  | 1    | Gasket            |
| 11       | 104-4280 | 1    | Actuator-Rotating |
| 12       | 93-7987  | 3    | Spring-Extension  |
| 13       | 93-7985  | 3    | Ball              |
| 14       | 353-990  | 2    | Plug              |
| 14:1     | 237-78   | 1    | O-Ring            |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
|          |          |      |             |
|          |          |      |             |
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|          |          |      |             |
|          |          |      |             |
|          |          |      |             |

☆ Not serviced separately



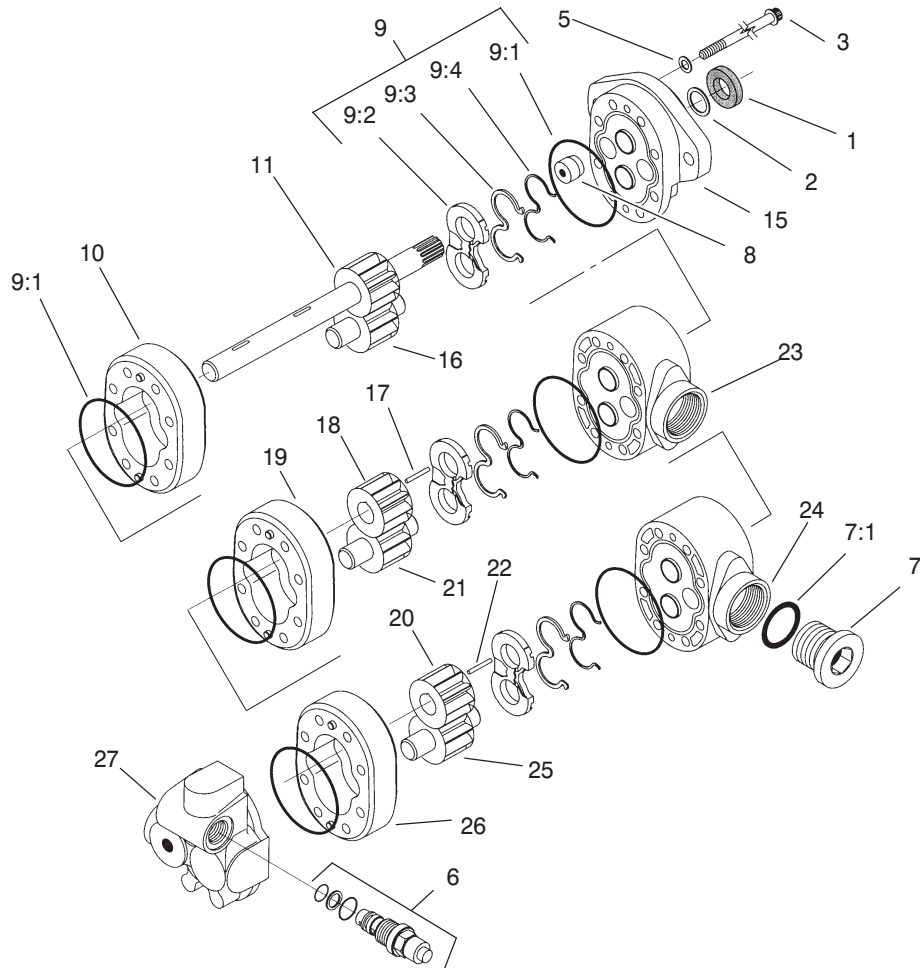


Sheet No.:16

## Hydraulic Pump Installation Assembly

| Ref. No. | Part No. | Qty. | Description                   |
|----------|----------|------|-------------------------------|
| 1        | 105-3355 | 1    | Pump Assembly                 |
| 1:1      | 105-3317 | 1    | Pump-Gear                     |
| 1:2      | 105-3356 | 1    | Pump-Piston                   |
| 1:3      | 60-3520  | 1    | O-Ring                        |
| 1:4      | 323-7    | 2    | Screw-HH                      |
| 1:5      | 95-6055  | 2    | Washer                        |
| 2        | 354-79   | 4    | Cap-Dust, Yellow              |
| 3        | 354-77   | 4    | Fitting-Quick                 |
| 3:1      | 237-78   | 1    | O-Ring                        |
| 4        | 340-77   | 1    | Fitting-Hyd, 90°              |
| 4:1      | 237-22   | 1    | O-Ring                        |
| 4:2      | 237-42   | 1    | O-Ring                        |
| 5        | 105-7921 | 1    | Hyd Hose ASM (only on: 03806) |
| 6        | 105-7927 | 2    | Hyd Hose ASM                  |
| 7        | 2412-111 | 1    | Clamp                         |
| 8        | 92-7526  | 1    | Fitting-Hyd, 90°              |
| 8:1      | 237-101  | 1    | O-Ring                        |
| 9        | 340-105  | 2    | Fitting-90°                   |
| 9:1      | 237-80   | 1    | O-Ring                        |
| 9:2      | 237-30   | 1    | O-Ring                        |
| 10       | 340-15   | 1    | Adapter (only on: 03806)      |
| 10       | 340-15   | 2    | Adapter (only on: 03807)      |
| 10:1     | 237-58   | 1    | O-Ring                        |

| Ref. No. | Part No. | Qty. | Description                   |
|----------|----------|------|-------------------------------|
| 10:2     | 237-146  | 1    | O-Ring                        |
| 11       | 104-3796 | 1    | Elbow-90°                     |
| 11:1     | 237-81   | 1    | O-Ring                        |
| 11:2     | 340-65   | 1    | O-Ring                        |
| 12       | 340-129  | 2    | Elbow-90° (only on: 03806)    |
| 12       | 340-129  | 1    | Elbow-90° (only on: 03807)    |
| 12:1     | 237-146  | 1    | O-Ring                        |
| 12:2     | 340-65   | 1    | O-Ring                        |
| 13       | 2411-36  | 1    | Bearing-End, Rod              |
| 14       | 3220-3   | 1    | Nut-Jam                       |
| 15       | 3234-11  | 1    | Screw-HHF                     |
| 16       | 3296-59  | 1    | Nut-Lock, NI                  |
| 17       | 325-6    | 2    | Screw-HH                      |
| 18       | 104-3789 | 1    | Filter Hose ASM               |
| 19       | 105-7920 | 1    | Hyd Hose ASM (only on: 03807) |
| 20       | 3256-26  | 2    | Washer-Flat                   |
| 21       | 3253-7   | 2    | Washer-Lock (only on: 03807)  |
| 22       | 75-6640  | 1    | Fitting-Special               |
| 22:1     | 237-78   | 1    | O-Ring                        |
| 23       | 105-0122 | 1    | Harness-Wire                  |



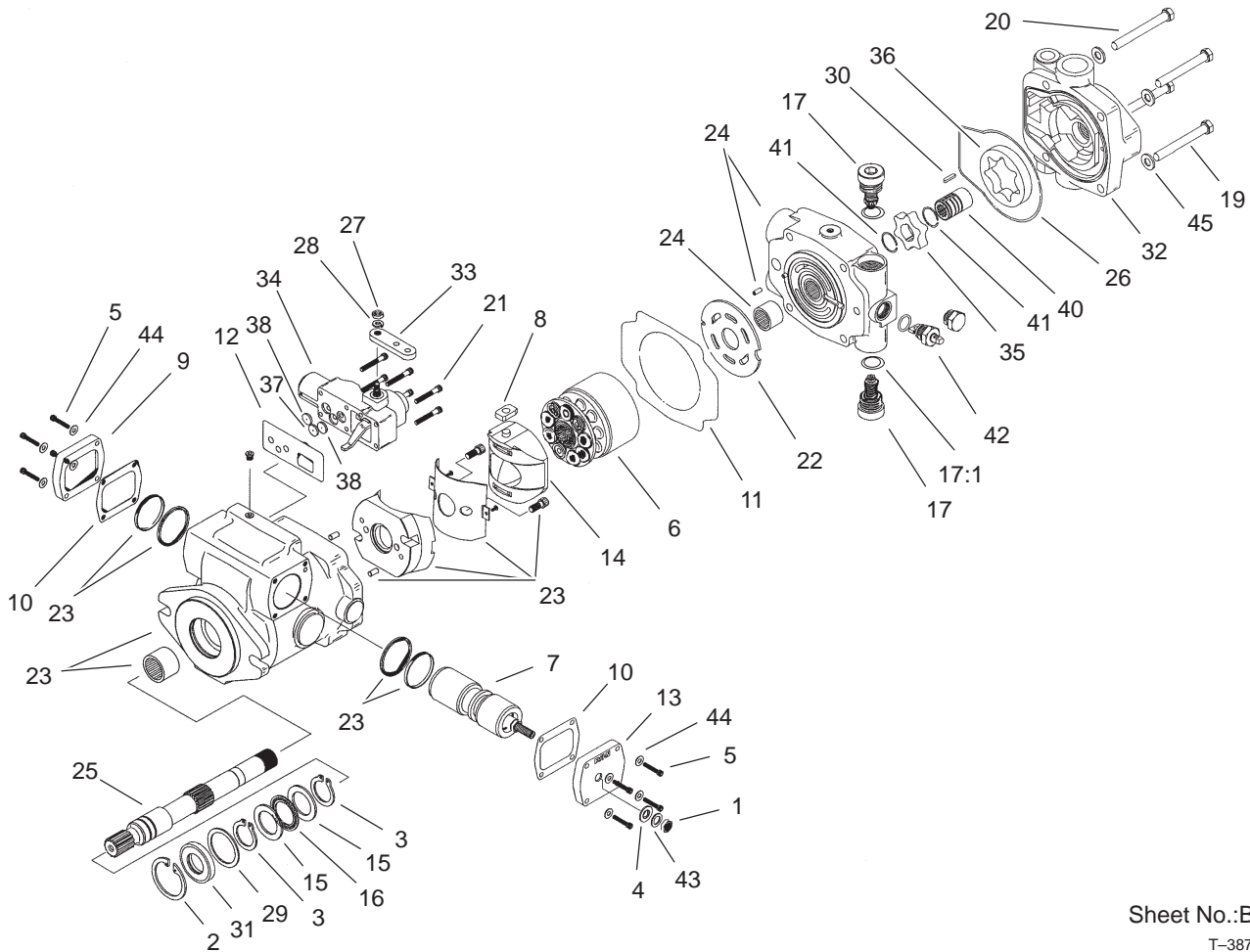
Sheet No.:A9  
T-3870

## Gear Pump Assembly No. 105-3317

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 49-2640  | 1    | Seal-Shaft             |
| 2        | 60-5890  | 1    | Washer                 |
| 3        | 105-2898 | 8    | Screw-Cap              |
| 5        | 74-8920  | 4    | Washer-Copper          |
| 6        | 105-2891 | 1    | Relief Valve ASM       |
| 7        | 94-3013  | 1    | Plug                   |
| ☆7:1     |          | 1    | O-Ring                 |
| 8        | 94-3011  | 1    | Plug                   |
| 9        | 94-3015  | 1    | Seal Kit               |
| 9:1      | 56-6710  | 6    | O-Ring                 |
| ☆9:2     |          | 3    | Plate-Wear             |
| ☆9:3     |          | 3    | Seal-Pressure, Balance |
| ☆9:4     |          | 3    | Gasket-Backup          |
| ☆10      |          | 1    | Body                   |
| ☆11      |          | 1    | Drive Gear ASM         |
| ☆15      |          | 1    | Front Plate ASM        |
| ☆16      |          | 1    | Gear-Idler             |
| ☆17      |          | 1    | Key                    |
| ☆18      |          | 1    | Gear                   |
| ☆19      |          | 1    | Body                   |
| ☆20      |          | 1    | Gear                   |
| ☆21      |          | 1    | Gear-Idler             |
| ☆22      |          | 1    | Key                    |
| ☆23      |          | 1    | Plate-Adaptor          |
| ☆24      |          | 1    | Plate-Adaptor          |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| ☆25      |          | 1    | O-Ring      |
| ☆26      |          | 1    | Gear-Idler  |
| ☆27      |          | 1    | Body        |

☆ Not serviced separately



Sheet No.:B1  
T-3871

## Piston Pump Assembly No. 105-3356

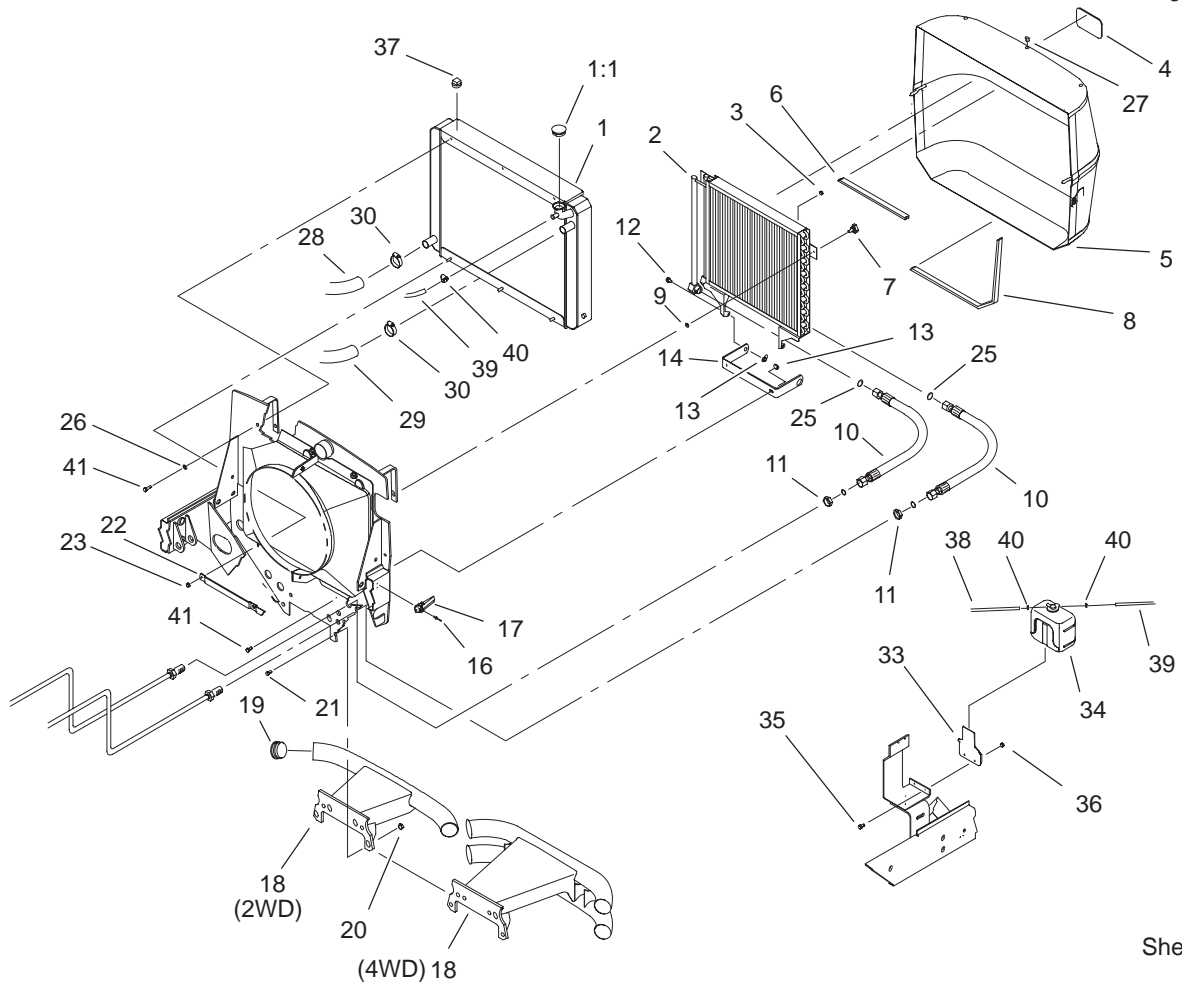
| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 3220-2   | 1    | Nut                    |
| 2        | 60-6260  | 1    | Ring                   |
| 3        | 76-7000  | 2    | Ring-Retaining         |
| 4        | 94-3027  | 1    | Washer-Seal            |
| 5        | 93-6337  | 8    | Screw                  |
| 6        | 93-6322  | 1    | Rotating Kit           |
| 7        | 105-2856 | 1    | Servo Piston ASM       |
| 8        | 94-3032  | 1    | Follower-Piston        |
| 9        | 94-3033  | 1    | Plate-Cover            |
| 10       | 93-6339  | 2    | Gasket                 |
| 11       | 105-2900 | 1    | Gasket-Housing         |
| 12       | 105-2901 | 1    | Gasket-Control Housing |
| 13       | 94-3034  | 1    | Plate-Cover            |
| 14       | 94-3026  | 1    | Camplate ASM           |
| 15       | 76-6950  | 2    | Race-Thrust            |
| 16       | 60-6170  | 1    | Bearing-Thrust         |
| 17       | 105-2858 | 2    | Valve-Relief           |
| ☆17:1    |          | 1    | O-Ring                 |
| 19       | 323-15   | 2    | Screw-HH               |
| 20       | 323-16   | 2    | Screw-HH               |
| 21       | 93-6324  | 6    | Screw                  |
| 22       | 105-2902 | 1    | Plate-Valve            |
| 23       | 105-2903 | 1    | Housing                |
| 24       | 105-8149 | 1    | Endcover ASM           |
| 25       | 94-3020  | 1    | Shaft-Drive            |

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 26       | 105-2905 | 1    | O Ring-Molded           |
| 27       | 3217-5   | 1    | Nut-Hex                 |
| 28       | 3253-3   | 1    | Washer-Lock             |
| 29       | 94-3007  | 1    | Washer                  |
| 30       | 105-2906 | 1    | Key                     |
| 31       | 105-3331 | 1    | Seal-Shaft              |
| 32       | 105-2907 | 1    | Charge Pump Adapter ASM |
| 33       | 94-3031  | 1    | Arm-Control             |
| 34       | 93-6306  | 1    | Control ASM             |
| 35       | 105-2908 | 1    | Gerotor-Inner Ring      |
| 36       | 99-8707  | 1    | Gerotor-Outer           |
| 37       | 105-2909 | 1    | Orifice-Control Valve   |
| 38       | 105-2910 | 2    | Orifice-Control Valve   |
| 40       | 105-2911 | 1    | Coupler                 |
| 41       | 105-2912 | 2    | Ring-Retaining          |
| 42       | 105-2913 | 1    | Valve-Bypass            |
| 43       | 94-3030  | 1    | Washer                  |
| 44       | 93-6336  | 8    | Washer                  |
| 45       | 3256-24  | 4    | Washer-Flat             |

☆ Not serviced separately





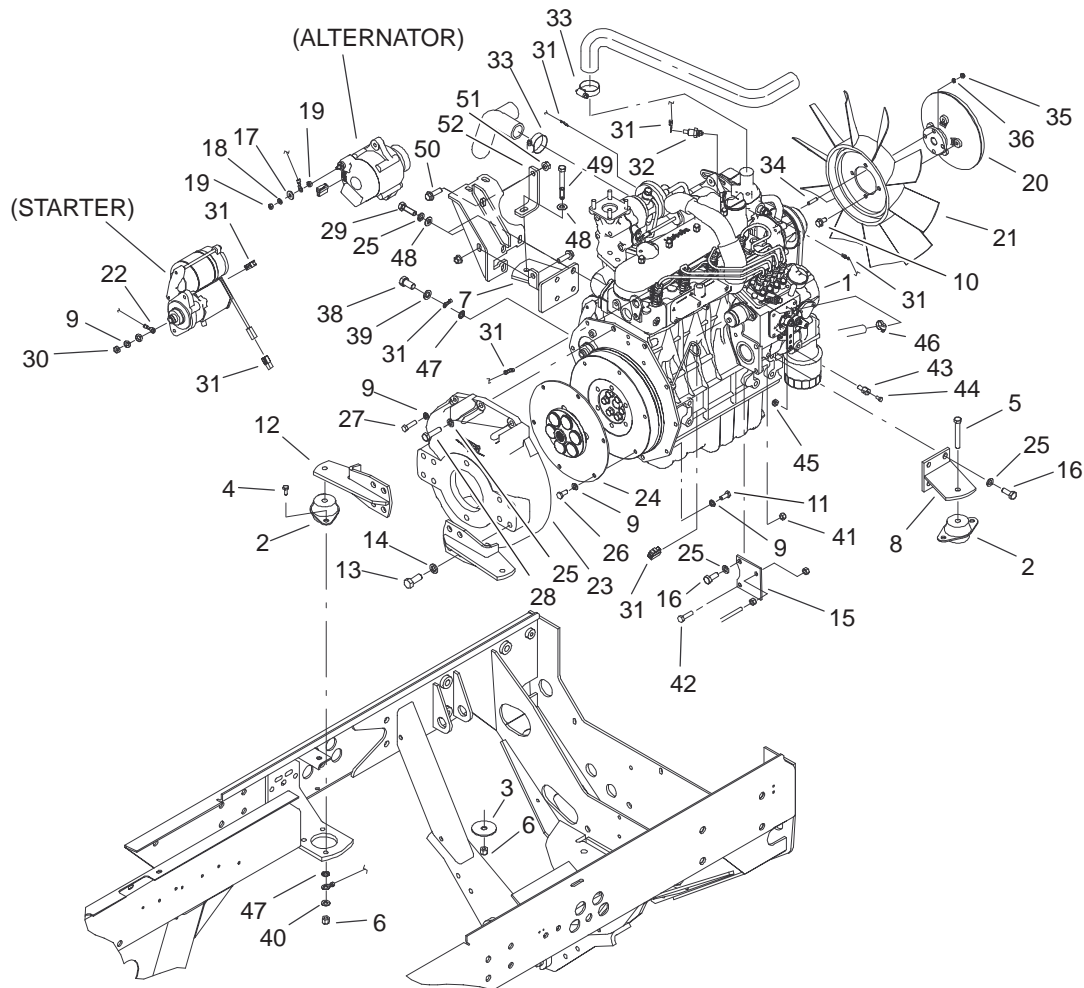


Sheet No.:18

## Radiator and Screen Assembly

| Ref. No. | Part No.    | Qty. | Description                   |
|----------|-------------|------|-------------------------------|
| 1        | 104-3780    | 1    | Radiator ASM                  |
| 1:1      | 93-5957     | 1    | Cap-Radiator                  |
| 2        | 82-3740     | 1    | Cooler-Oil                    |
| 3        | 94-2638     | 4    | Nut-Tinnerman                 |
| 4        | 93-6028     | 1    | Plate-Logo, Toro              |
| 5        | 92-7505-03  | 1    | Screen                        |
| 6        | 92-7631     | 1    | Seal-Screen                   |
| 7        | 77-3620     | 2    | Knob-Retainer                 |
| 8        | 93-4208     | 1    | Seal-Strip Screen             |
| 9        | 32151-72    | 2    | Ring-Retaining                |
| 10       | 92-7535     | 2    | Hose ASM                      |
| 11       | 340-74      | 2    | Locknut-Bulkhead              |
| 12       | 37-8771     | 2    | Bolt-Shoulder                 |
| 13       | 32128-20    | 2    | Nut-HF                        |
| 14       | 92-7516-03  | 1    | Bracket-Support, Cooler Base  |
| 16       | 3269-4      | 4    | Rivet-Pop                     |
| 17       | 69-3020     | 2    | Latch-Camloc                  |
| 18       | 100-3758-03 | 1    | Bumper (only on: 03807)       |
| 18       | 100-3776-03 | 1    | Bumper-Short (only on: 03806) |
| 19       | 2410-42     | 4    | Cap-End (only on: 03807)      |
| 19       | 2410-42     | 2    | Cap-End (only on: 03806)      |

| Ref. No. | Part No.   | Qty. | Description             |
|----------|------------|------|-------------------------|
| 20       | 3296-25    | 4    | Nut-Lock NI             |
| 21       | 325-6      | 4    | Screw-HH                |
| 22       | 92-7416-03 | 1    | Strap-Radiator          |
| 23       | 3296-29    | 3    | Nut-Lock, NI            |
| 25       | 237-65     | 2    | O-Ring                  |
| 26       | 3256-23    | 3    | Washer-Flat             |
| 27       | 2410-64    | 3    | Plug-Button             |
| 28       | 104-3781   | 1    | Hose-Radiator, Lower    |
| 29       | 104-3782   | 1    | Hose-Radiator, Upper    |
| 30       | 2412-34    | 2    | Clamp-Hose              |
| 33       | 98-4576    | 1    | Bracket-Reservoir Water |
| 34       | 104-9318   | 1    | Bottle-Overflow, Water  |
| 35       | 321-4      | 2    | Screw-HH                |
| 36       | 3296-42    | 2    | Nut-Lock, NI            |
| 37       | 281-13     | 1    | Plug-Pipe               |
| 38       | 98-7895    | 1    | Tube                    |
| 39       | 54-8040    | 1    | Hose-Fuel               |
| 40       | 2412-108   | 2    | Clamp-Worm              |
| 41       | 3234-5     | 5    | Screw                   |

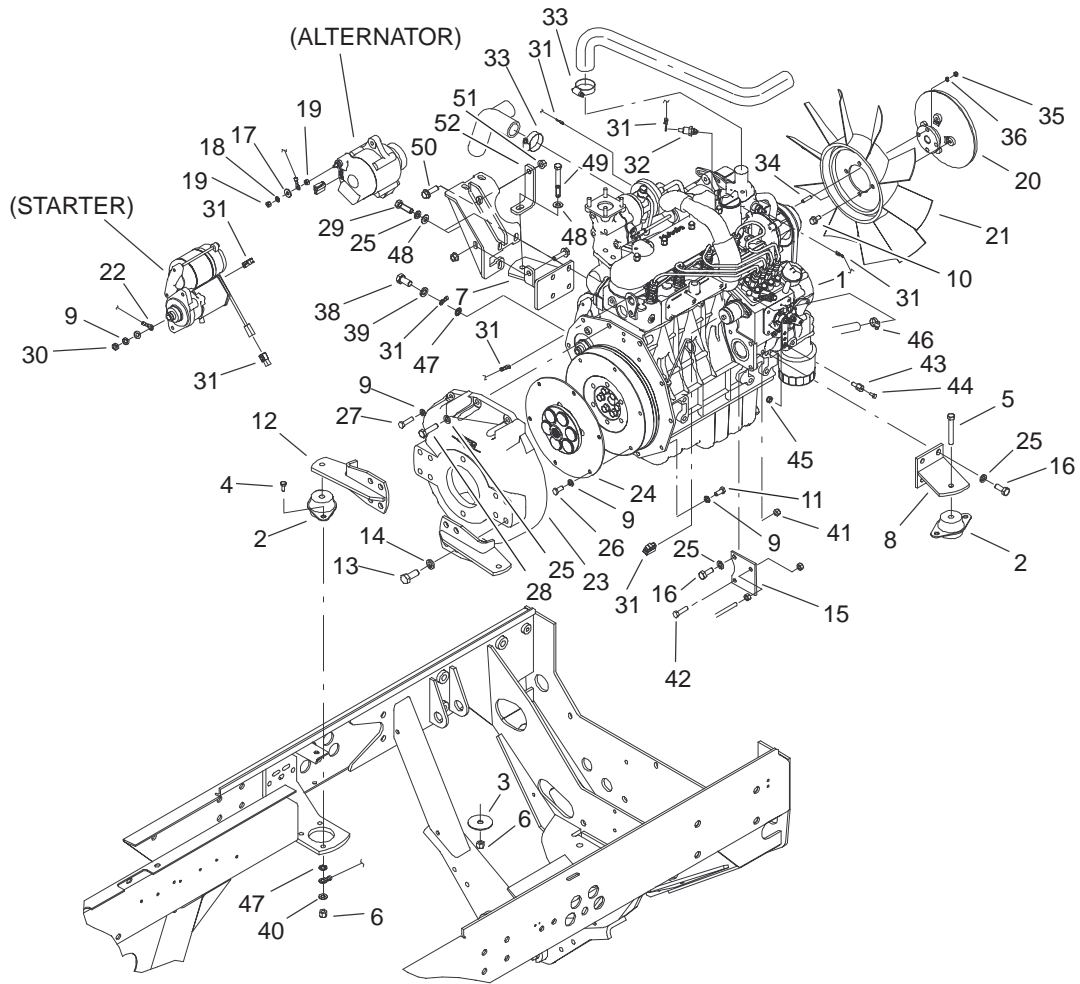


Sheet No.:19

## Engine Assembly

| Ref. No. | Part No.    | Qty. | Description                      |
|----------|-------------|------|----------------------------------|
| 1        | 104-3715    | 1    | Engine-Kubota, V1505-T-Eb-Toro-1 |
| 2        | 53-9680     | 4    | Mount-Engine                     |
| 3        | 87-5100     | 4    | Washer-Snubbing                  |
| 4        | 323-7       | 7    | Screw-HH                         |
| 5        | 323-13      | 3    | Screw-HH                         |
| 6        | 3296-39     | 11   | Nut-Lock, NI                     |
| 7        | 105-7914-03 | 1    | Bracket-Engine                   |
| 8        | 104-3762-03 | 1    | Bracket-Engine, Front LH         |
| 9        | 42-9850     | 15   | Washer-Lock, Spring              |
| 10       | 3234-7      | 4    | Screw-HHF                        |
| 11       | 33114-020   | 2    | Screw-HH                         |
| 12       | 104-3764-03 | 2    | Plate-Engine, Rear               |
| 13       | 325-5       | 8    | Screw-HH                         |
| 14       | 3253-7      | 8    | Washer-Lock                      |
| 15       | 104-3778-03 | 1    | Plate-Throttle                   |
| 16       | 63-7790     | 6    | Screw-Cap                        |
| 17       | 3256-78     | 1    | Washer-Flat                      |
| 18       | 43-5930     | 1    | Washer-Spring                    |
| 19       | 48-7890     | 1    | Nut                              |
| 20       | 105-0129    | 1    | Clutch-Fan                       |
| 21       | 74-3650     | 1    | Fan                              |
| 22       | 99-3441     | 1    | Harness-Wire, Fusible Link       |

| Ref. No. | Part No.  | Qty. | Description           |
|----------|-----------|------|-----------------------|
| 23       | 105-0100  | 1    | Flywheel Housing ASM  |
| 24       | 105-0101  | 1    | Flywheel Coupling ASM |
| 25       | 42-9600   | 11   | Lockwasher-Spring     |
| 26       | 33114-016 | 6    | Screw-HH              |
| 27       | 33114-030 | 6    | Screw-HH              |
| 28       | 87-3700   | 2    | Screw                 |
| 29       | 99-6058   | 3    | Screw - Cap           |
| 30       | 57-6390   | 1    | Nut-Jam               |
| 31       | 105-9273  | 1    | Harness-Wire, Engine  |
| 32       | 98-9346   | 1    | Sender-Temperature    |
| 33       | 2412-34   | 2    | Clamp-Hose            |
| 34       | 104-5222  | 4    | Stud                  |
| 35       | 33013-00  | 4    | Nut-Hex               |
| 36       | 3253-18   | 4    | Washer-Lock/Sp        |
| 38       | 42-9250   | 1    | Bolt                  |
| 39       | 48-8070   | 1    | Washer-Lock           |
| 40       | 3256-3    | 1    | Washer-Flat           |
| 41       | 33024-00  | 1    | Nut-Lock              |
| 42       | 33114-030 | 1    | Screw-HH              |
| 43       | 98-9311   | 1    | Swivel-Throttle       |
| 44       | 25-8640   | 1    | Screw-HH              |
| 45       | 3296-20   | 1    | Nut-Lock, NI          |
| 46       | 2412-108  | 2    | Clamp-Worm            |

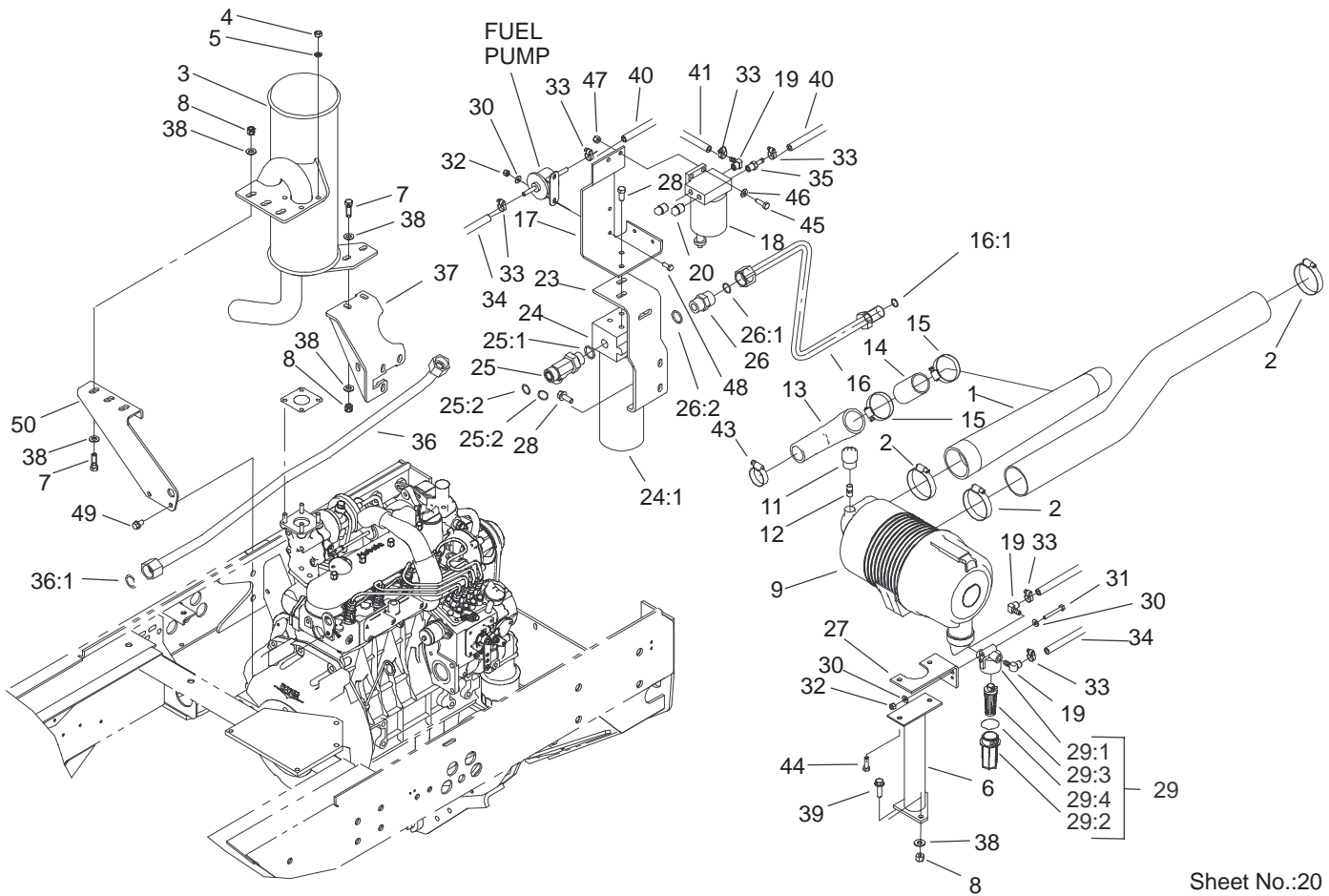


Sheet No.:19

### Engine Assembly (Continued)

| Ref. No. | Part No.    | Qty. | Description     |
|----------|-------------|------|-----------------|
| 47       | 3255-9      | 2    | Washer-Lock/Ext |
| 48       | 48-9220     | 3    | Washer          |
| 49       | 323-14      | 1    | Screw-HH        |
| 50       | 66-9300     | 2    | Screw-HF        |
| 51       | 32128-21    | 2    | Nut-HF          |
| 52       | 105-7931-03 | 1    | Bracket-Support |

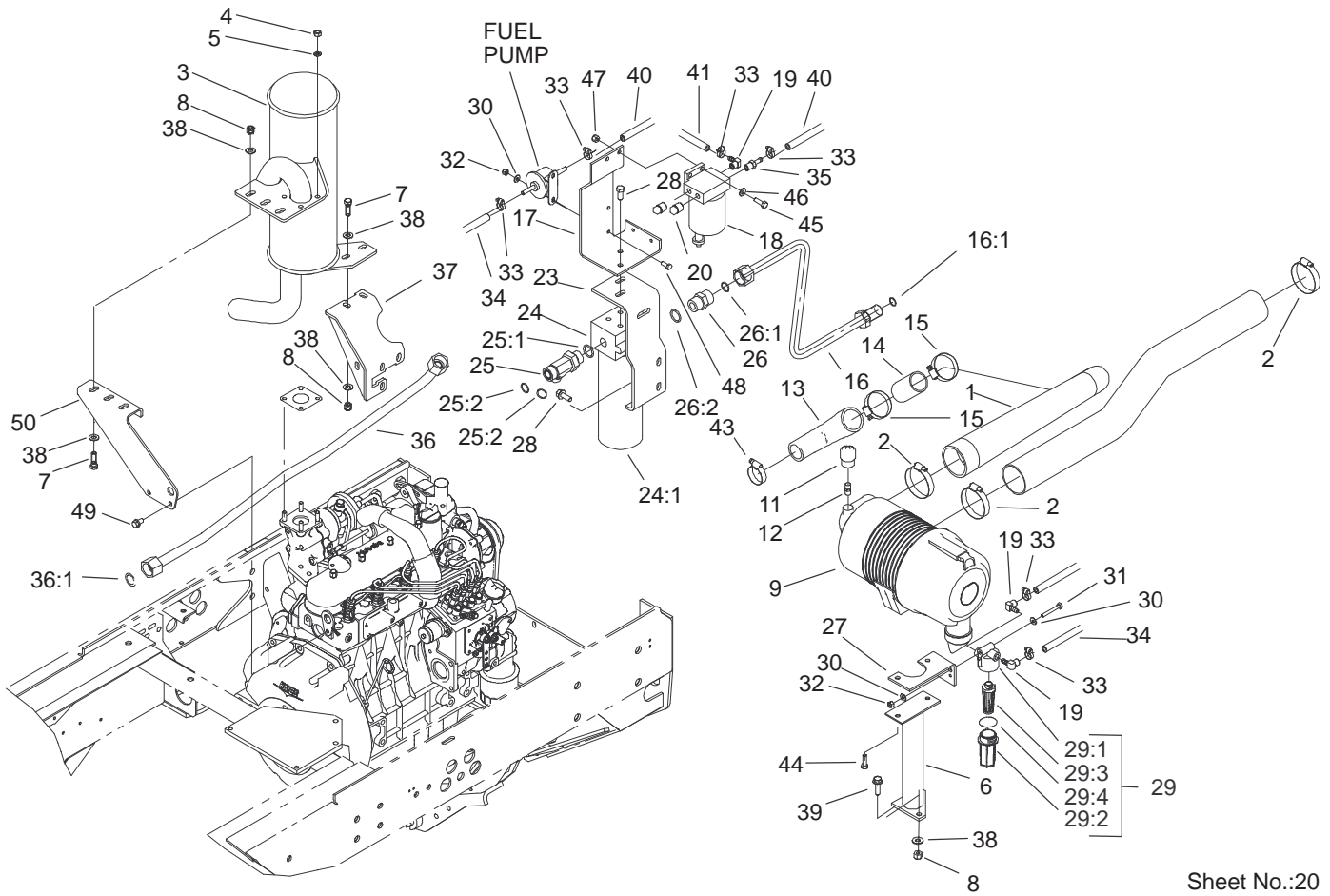
| Ref. No. | Part No. | Qty. | Description |
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## Muffler, Oil / Water / Fuel Filter and Air Cleaner Assembly

| Ref. No. | Part No.    | Qty. | Description                 |
|----------|-------------|------|-----------------------------|
| 1        | 104-5208    | 1    | Hose-Turbo, Air Cleaner     |
| 2        | 2412-125    | 3    | Clamp-Hose (only on: 03807) |
| 3        | 105-9260    | 1    | Muffler ASM                 |
| 4        | 33014-00    | 4    | Nut-Hex                     |
| 5        | 42-9850     | 4    | Washer-Lock, Spring         |
| 6        | 104-5217-03 | 1    | Support-Air Filter          |
| 7        | 323-7       | 5    | Screw-HH                    |
| 8        | 3296-39     | 7    | Nut-Lock, NI                |
| 9        | 100-2597    | 1    | Air Filter ASM              |
| 11       | 93-9164     | 1    | Indicator-Mini              |
| 12       | 94-1416     | 1    | Indicator Adapter ASM       |
| 13       | 104-5207    | 1    | Hose-Turbo                  |
| 14       | 104-5214    | 1    | Spacer-Tubular              |
| 15       | 2412-92     | 2    | Clamp-Hose                  |
| 16       | 104-3742    | 1    | Hyd Filter Tube ASM         |
| 16:1     | 237-65      | 1    | O-Ring                      |
| 17       | 104-3776-03 | 1    | Bracket-Fuel Separator      |
| 18       | 98-9305     | 1    | Filter-Water/Fuel           |
| 19       | 353-781     | 3    | Fitting                     |
| 20       | 281-13      | 2    | Plug-Pipe                   |
| 23       | 104-5213-03 | 1    | Bracket-Filter, Oil         |
| 24       | 94-2620     | 1    | Oil Filter ASM              |
| 24:1     | 94-2621     | 1    | Element-Filter              |

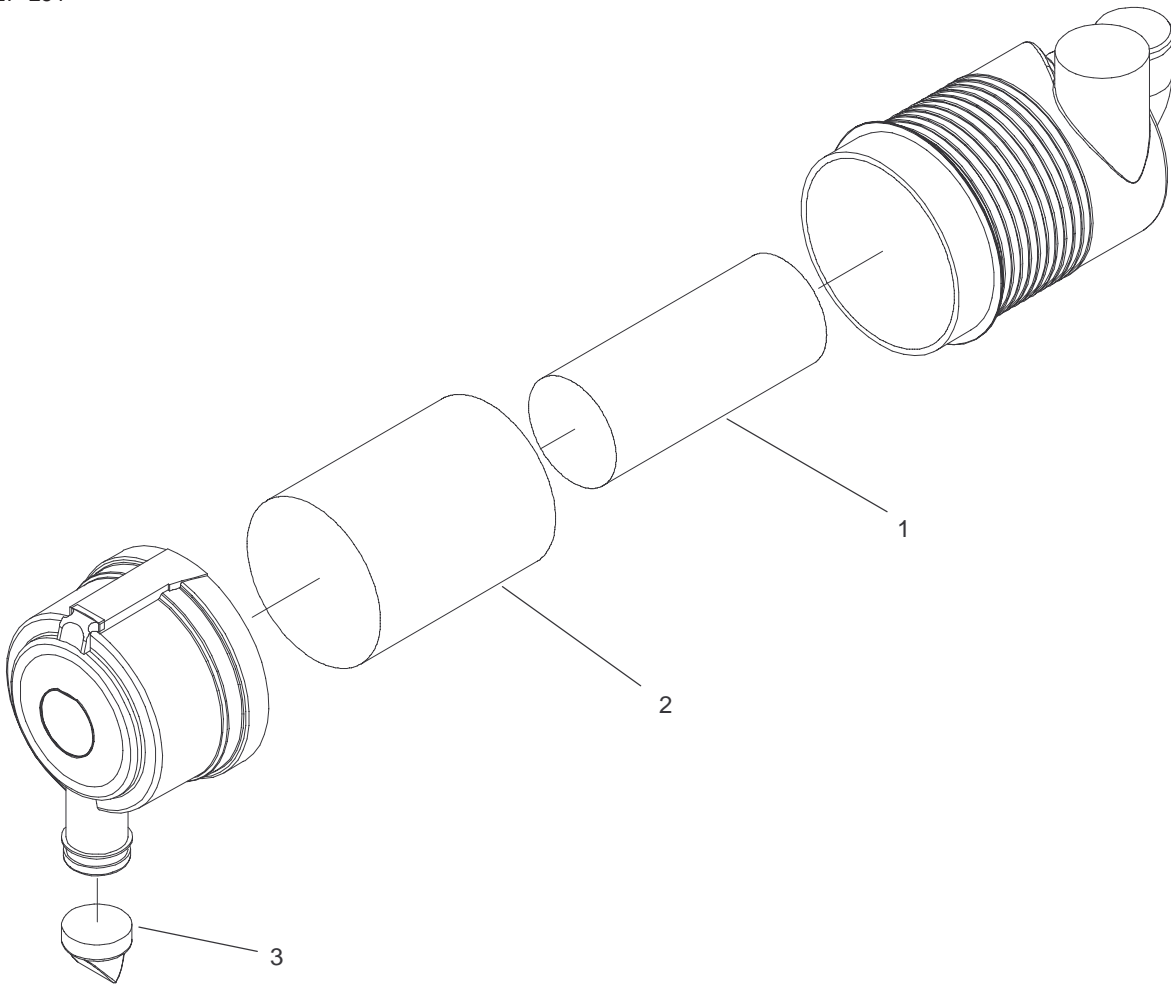
| Ref. No. | Part No.    | Qty. | Description         |
|----------|-------------|------|---------------------|
| 25       | 340-148     | 1    | Fitting             |
| 25:1     | 237-81      | 1    | O-Ring              |
| 25:2     | 237-58      | 2    | O-Ring              |
| 26       | 340-9       | 1    | Fitting-Straight    |
| 26:1     | 237-58      | 1    | O-Ring              |
| 26:2     | 237-81      | 1    | O-Ring              |
| 27       | 104-3768-03 | 1    | Bracket-Fuel Filter |
| 28       | 3234-25     | 4    | Bolt-HF             |
| 29       | 99-8351     | 1    | Filter-Fuel, Inline |
| 29:1     | 99-8356     | 1    | Head W/Label Kit    |
| 29:2     | 99-8357     | 1    | Bowel Kit           |
| 29:3     | 99-8358     | 1    | Element Kit         |
| 29:4     | 99-8359     | 1    | O-Ring              |
| 30       | 3256-1      | 2    | Washer-Flat         |
| 31       | 321-11      | 1    | Screw-HH            |
| 32       | 3296-42     | 3    | Nut-Lock, NI        |
| 33       | 2412-108    | 6    | Clamp-Worm          |
| 34       | 54-8040     | 1    | Hose-Fuel           |
| 35       | 353-783     | 1    | Fitting-Pump        |
| 36       | 104-3749    | 1    | Hyd Tube ASM        |
| 36:1     | 237-58      | 1    | O-Ring              |
| 37       | 105-7910-03 | 1    | Support-Muffler     |
| 38       | 3256-56     | 12   | Washer-Flat         |
| 39       | 3234-24     | 2    | Screw-HHF           |
| 40       | 92-9283     | 1    | Hose-Fuel           |
| 41       | 63-7627     | 1    | Hose-Fuel           |



## Muffler, Oil / Water / Fuel Filter and Air Cleaner Assembly (Continued)

| Ref. No. | Part No.    | Qty. | Description            |
|----------|-------------|------|------------------------|
| 43       | 2412-3      | 1    | Clamp-Hose             |
| 44       | 33104-030   | 2    | Screw-HHF              |
| 45       | 322-5       | 2    | Screw-HH               |
| 46       | 3256-23     | 2    | Washer-Flat            |
| 47       | 3296-29     | 2    | Nut-Lock, NI           |
| 48       | 321-4       | 2    | Screw-HH               |
| 49       | 33114-016   | 2    | Screw-HH               |
| 50       | 105-9258-03 | 1    | Bracket-Muffler, Upper |

| Ref. No. | Part No. | Qty. | Description |
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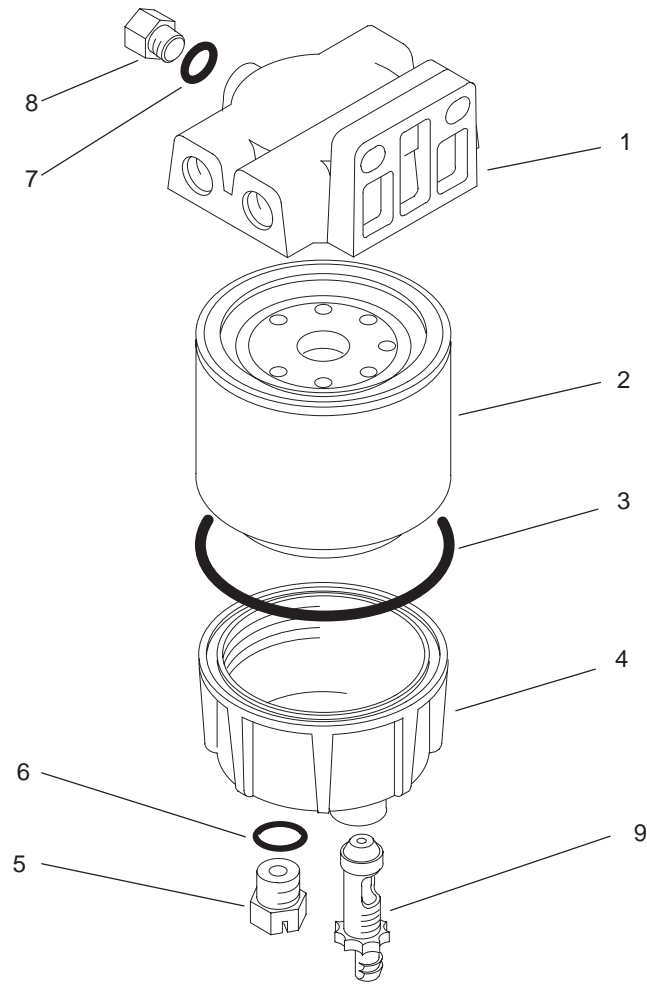


Sheet No.:B3  
T-3774

### Air Filter Assembly No. 100-2597

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 1        | 93-9162  | 1    | Filter-Primary   |
| 2        | 93-9163  | 1    | Filter-Secondary |
| 3        | 94-1414  | 1    | Valve-Vacuator   |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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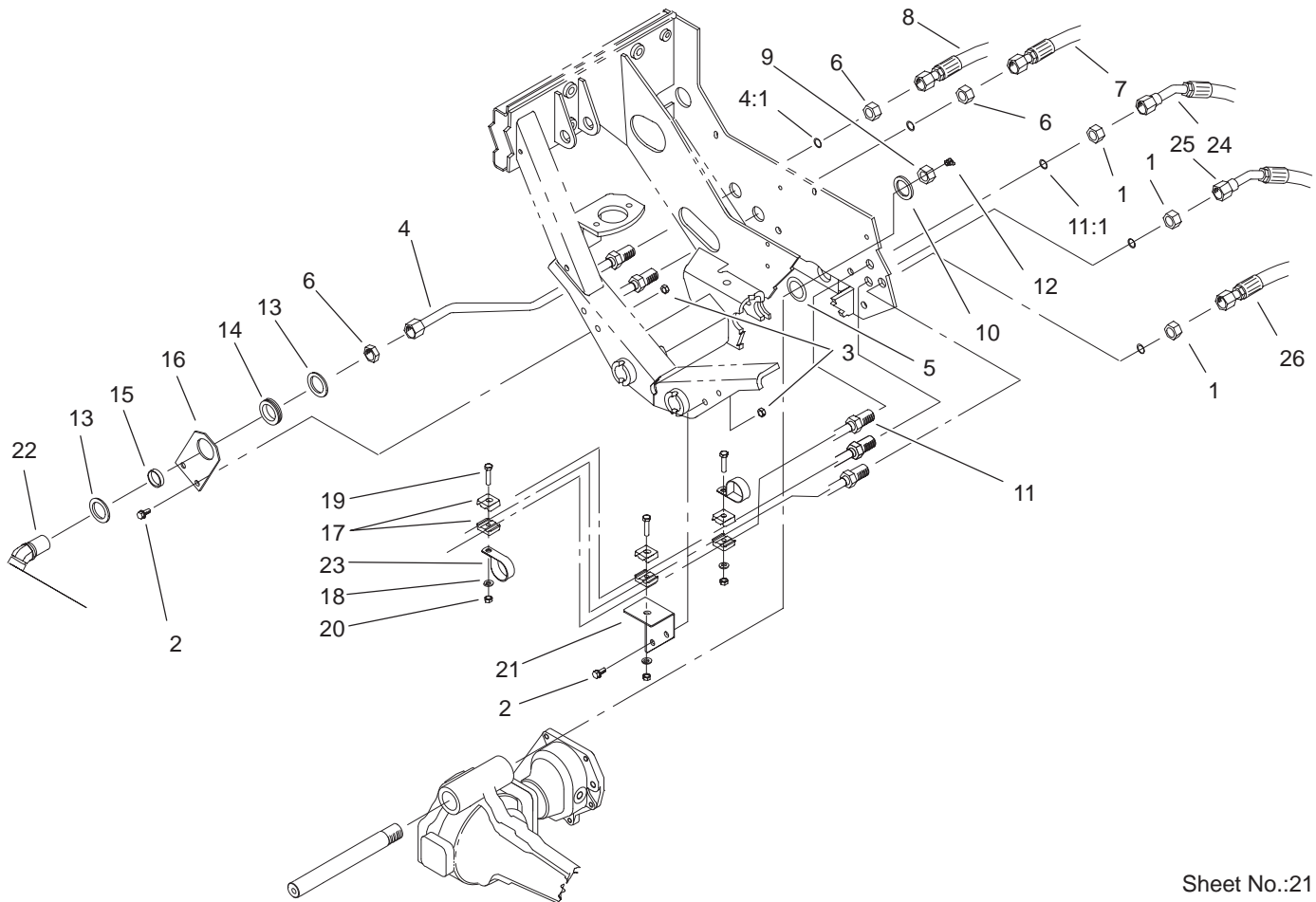


Sheet No.:B4  
T-3330

## Water and Fuel Filter Assembly No. 98-9305

| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| 1        | 98-9772  | 1    | Head-Filter         |
| 2        | 98-9764  | 1    | Element-On, Spin    |
| 3        | 98-9774  | 1    | O-Ring-Base, Filter |
| 4        | 98-9775  | 1    | Base-Filter         |
| 5        | 98-9773  | 1    | Plug-Base, Filter   |
| 6        | 237-42   | 1    | O-Ring              |
| 7        | 237-78   | 1    | O-Ring              |
| 8        | 98-9776  | 1    | Plug-Head, Filter   |
| 9        | 98-9777  | 1    | Drain Valve ASM     |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
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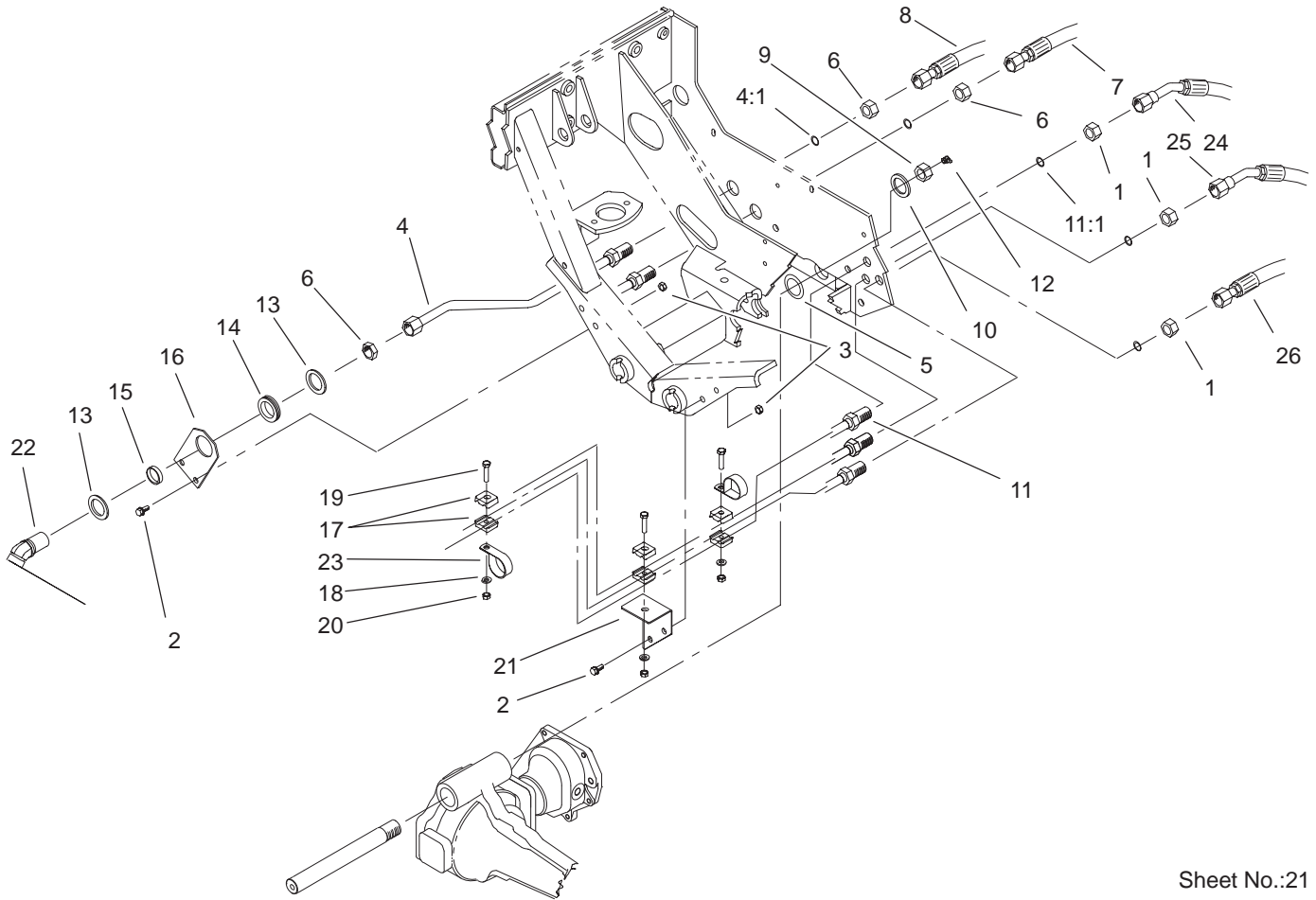


Sheet No.:21

## Rear Hydraulic Assembly

| Ref. No. | Part No. | Qty. | Description                         |
|----------|----------|------|-------------------------------------|
| 1        | 340-70   | 3    | Locknut-Bulkhead (only on: 03807)   |
| 2        | 323-6    | 4    | Screw-HH (only on: 03807)           |
| 3        | 32128-21 | 4    | Nut-HF (only on: 03807)             |
| 4        | 104-3735 | 1    | Hyd Tube ASM (only on: 03807)       |
| 4:1      | 237-58   | 1    | O-Ring (only on: 03807)             |
| 5        | 98-3867  | 2    | Washer-Thrust (only on: 03807)      |
| 6        | 340-126  | 3    | Nut-Bulkhead (only on: 03807)       |
| 7        | 92-7537  | 1    | Hose ASM (only on: 03807)           |
| 8        | 92-7536  | 1    | Hose ASM (only on: 03807)           |
| 9        | 3296-68  | 1    | Nut-Lock NI (only on: 03807)        |
| 10       | 92-1765  | 1    | Washer-Thrust (only on: 03807)      |
| 11       | 104-3729 | 1    | Hyd Tube Drain ASM (only on: 03807) |
| 11:1     | 237-22   | 1    | O-Ring (only on: 03807)             |

| Ref. No. | Part No.    | Qty. | Description                       |
|----------|-------------|------|-----------------------------------|
| 12       | 302-33      | 1    | Fitting-Grease (only on: 03807)   |
| 13       | 69-8910     | 2    | Washer (only on: 03807)           |
| 14       | 240-7       | 1    | Grommet-Rubber (only on: 03807)   |
| 15       | 69-8900     | 1    | Spacer (only on: 03807)           |
| 16       | 104-3774-03 | 1    | Bracket-Bulkhead (only on: 03807) |
| 17       | 56-7973     | 12   | Clamp-Tube (only on: 03807)       |
| 17       | 56-7973     | 10   | Clamp-Tube (only on: 03806)       |
| 18       | 3256-23     | 6    | Washer-Flat                       |
| 19       | 322-7       | 4    | Screw-HH                          |
| 20       | 3296-47     | 4    | Nut-Lock, NI                      |
| 21       | 104-3752-03 | 1    | Bracket-Clamp                     |
| 22       | 105-0144    | 1    | Fitting-45° (only on: 03807)      |
| 23       | 2412-147    | 3    | Clamp                             |
| 24       | 92-7534     | 1    | Hose ASM (only on: 03807)         |
| 25       | 92-7539     | 1    | Hose ASM (only on: 03807)         |

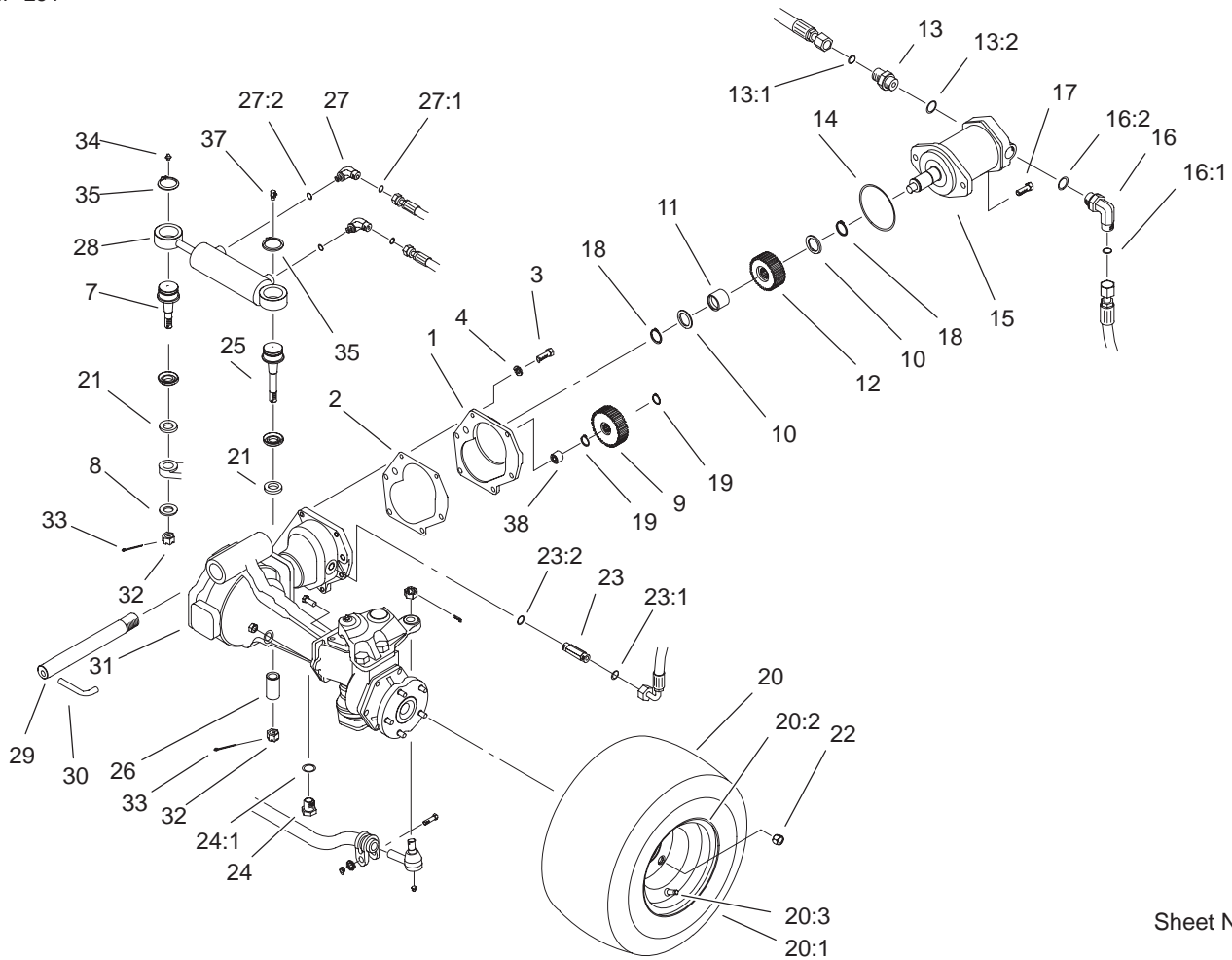


Sheet No.:21

## Rear Hydraulic Assembly

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 26       | 92-7538  | 1    | Hose ASM (only on: 03807) |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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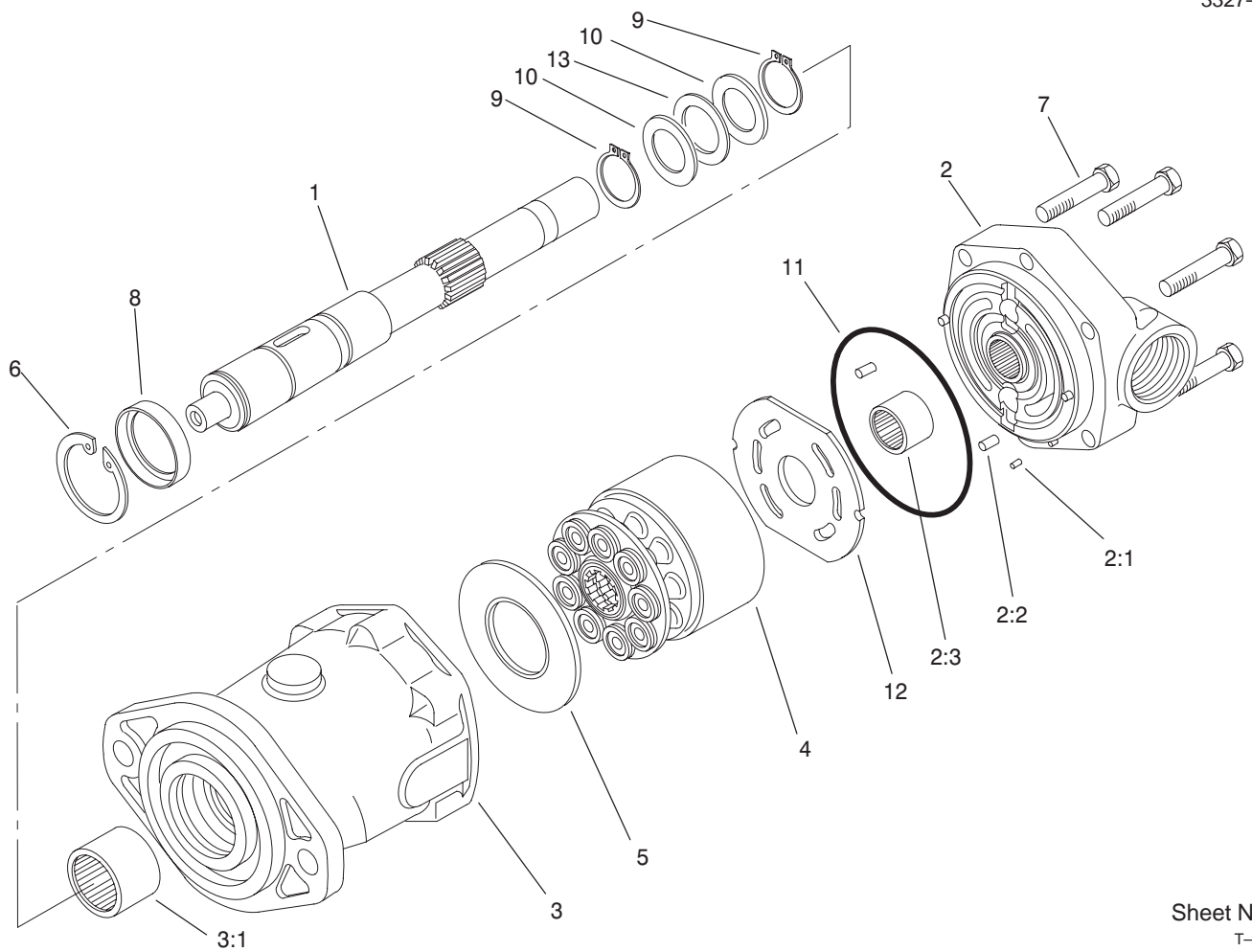
Sheet No.:22

### 4 Wheel Drive Axle Assembly (only on: 03807)

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 95-7541    | 1    | Plate-Cover           |
| 2        | 95-7540    | 1    | Gasket                |
| 3        | 33114-025  | 6    | Screw-HH              |
| 4        | 3253-4     | 6    | Washer-Lock           |
| 7        | 92-5838-01 | 1    | Joint-Ball            |
| 8        | 92-5836    | 1    | Washer-Axle           |
| 9        | 100-3774   | 1    | Gear-Driven, 10 Pitch |
| 10       | 71-4590    | 2    | Washer-Thrust         |
| 11       | 71-4580    | 1    | Bearing               |
| 12       | 100-3775   | 1    | Gear-Driver, 10 Pitch |
| 13       | 340-9      | 1    | Fitting-Straight      |
| 13:1     | 237-58     | 1    | O-Ring                |
| 13:2     | 237-81     | 1    | O-Ring                |
| 14       | 237-166    | 1    | O-Ring                |
| 15       | 92-7386    | 1    | Motor-Hydraulic       |
| 16       | 340-142    | 1    | Elbow-90°             |
| 16:1     | 237-58     | 1    | O-Ring                |
| 16:2     | 237-81     | 1    | O-Ring                |
| 17       | 325-4      | 2    | Screw-HH              |
| 18       | 32151-96   | 2    | Ring-Retaining        |
| 19       | 32120-15   | 2    | Ring-Snap, Ext        |
| ★20      |            | 2    | Tire And Wheel ASM    |
| 20:1     | 86-5910    | 1    | Tire                  |
| 20:2     | 100-2582   | 1    | Rim                   |
| 20:3     | 232-27     | 1    | Stem-Valve            |
| 21       | 92-5833    | 2    | Spacer-Joint, Ball    |

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 22       | 93-5268  | 10   | Nut-Lug                |
| 23       | 340-2    | 1    | Fitting-Hyd, Straight  |
| 23:1     | 237-22   | 1    | O-Ring                 |
| 23:2     | 237-42   | 1    | O-Ring                 |
| 24       | 353-989  | 1    | Plug-Hex, Hollow       |
| 24:1     | 237-42   | 1    | O-Ring                 |
| 25       | 100-3795 | 1    | Joint-Ball             |
| 26       | 100-3796 | 1    | Spacer-Joint, Ball     |
| 27       | 340-97   | 2    | Fitting-Hyd, 90°       |
| 27:1     | 237-22   | 1    | O-Ring                 |
| 27:2     | 237-78   | 1    | O-Ring                 |
| 28       | 98-3806  | 1    | Hydraulic Cylinder ASM |
| 29       | 100-3770 | 1    | Pin-Axle, Pivot        |
| 30       | 100-3771 | 1    | Pin-Stop               |
| 31       | 100-3784 | 1    | Drive Axle ASM         |
| 32       | 32136-14 | 2    | Nut-Shh                |
| 33       | 3272-12  | 2    | Pin-Cotter             |
| 34       | 302-5    | 1    | Fitting-Grease         |
| 35       | 94-9973  | 2    | Ring-Retaining         |
| 37       | 302-60   | 1    | Fitting-Grease         |
| 38       | 74-5700  | 1    | Bearing-Needle, Roller |

★ Not serviced separately



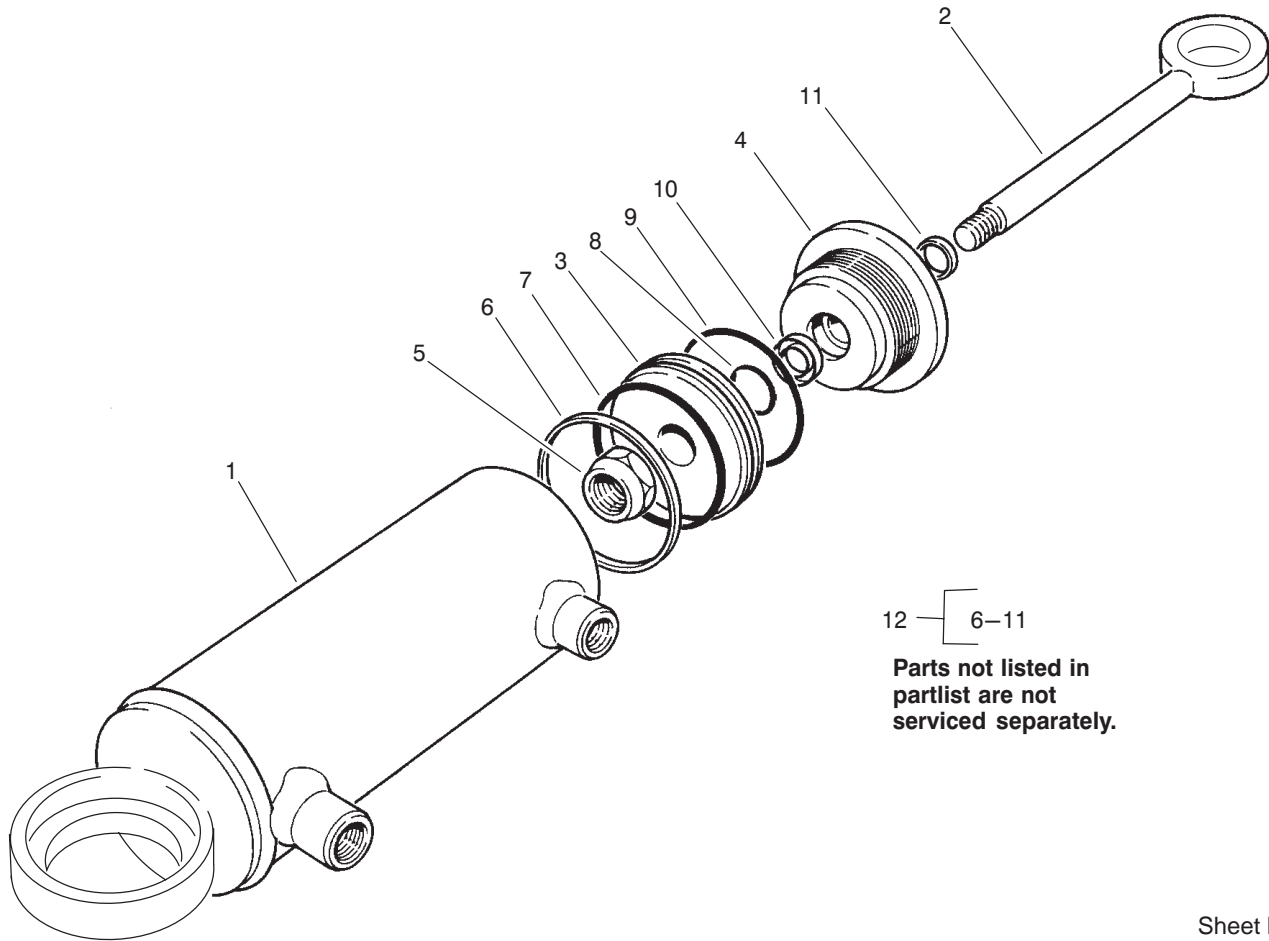
Sheet No.:C5  
T-3496

## Hydraulic Motor Assembly No. 92-7386 (only on: 03807)

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 1        | 76-6930  | 1    | Shaft-Drive       |
| 2        | 94-3000  | 1    | Backplate ASM     |
| ☆2:1     |          | 3    | Pin-Dowel         |
| ☆2:2     |          | 1    | Pin-Dowel         |
| ☆2:3     |          | 1    | Bearing-Needle    |
| 3        | 94-3001  | 1    | Housing ASM       |
| ☆3:1     |          | 1    | Bearing-Needle    |
| 4        | 76-6910  | 1    | Rotating Kit      |
| 5        | 76-6970  | 1    | Insert-Plate, Cam |
| 6        | 76-7010  | 1    | Ring-Retaining    |
| 7        | 94-3002  | 6    | Capscrew          |
| 8        | 76-7020  | 1    | Spacer            |
| 9        | 76-7000  | 2    | Ring-Retaining    |
| 10       | 76-6950  | 2    | Race-Thrust       |
| 11       | 76-6980  | 1    | O-Ring            |
| 12       | 94-3003  | 1    | Plate-Valve       |
| 13       | 76-6960  | 1    | Bearing-Thrust    |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
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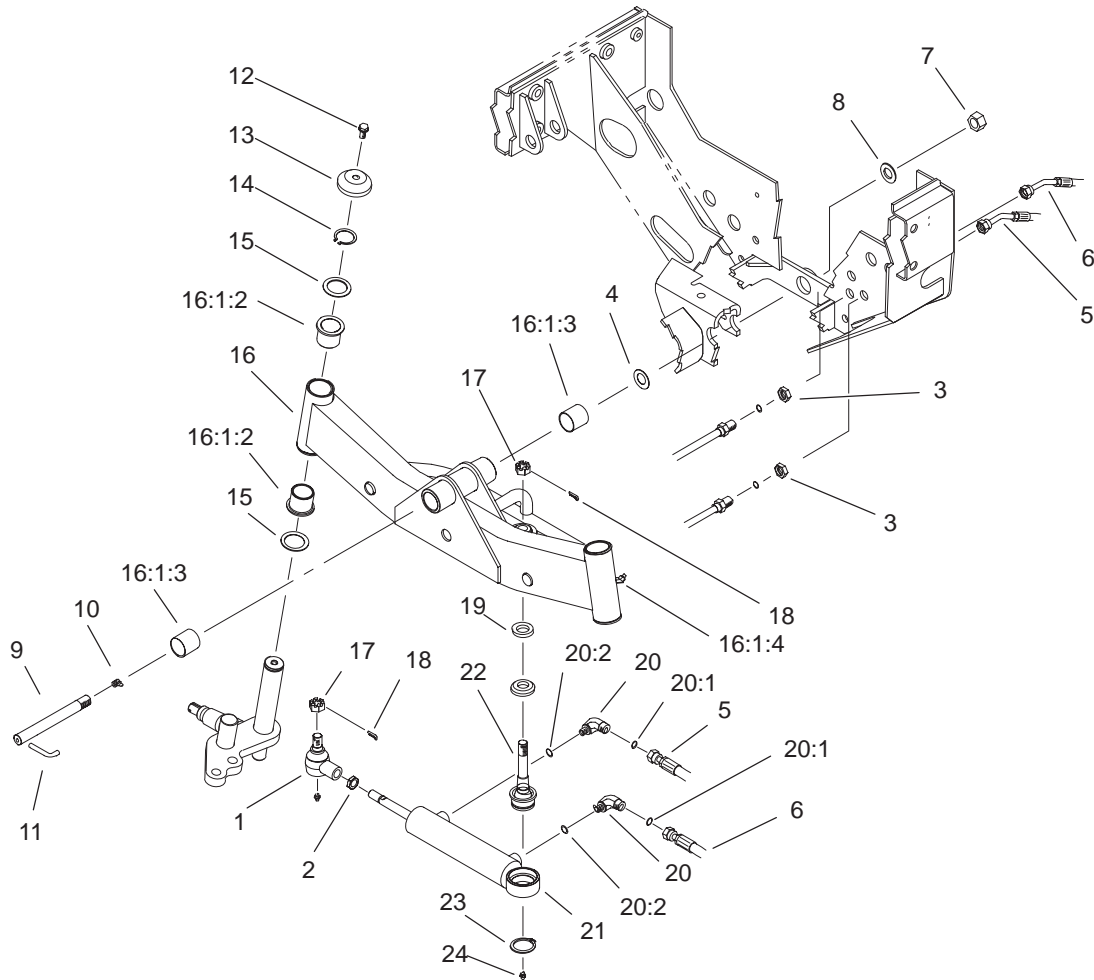


Sheet No.:C6  
 T-3527

## Hydraulic Cylinder Assembly No. 98-3806 (only on: 03807)

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 1        | 99-4753  | 1    | Butt And Tube ASM  |
| 2        | 99-4754  | 1    | Piston And Rod ASM |
| 3        | 66-1940  | 1    | Piston             |
| 4        | 92-6588  | 1    | Gland              |
| 5        | 66-1930  | 1    | Locknut            |
| 12       | 92-6593  | 1    | Kit-Seal           |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
|          |          |      |             |
|          |          |      |             |
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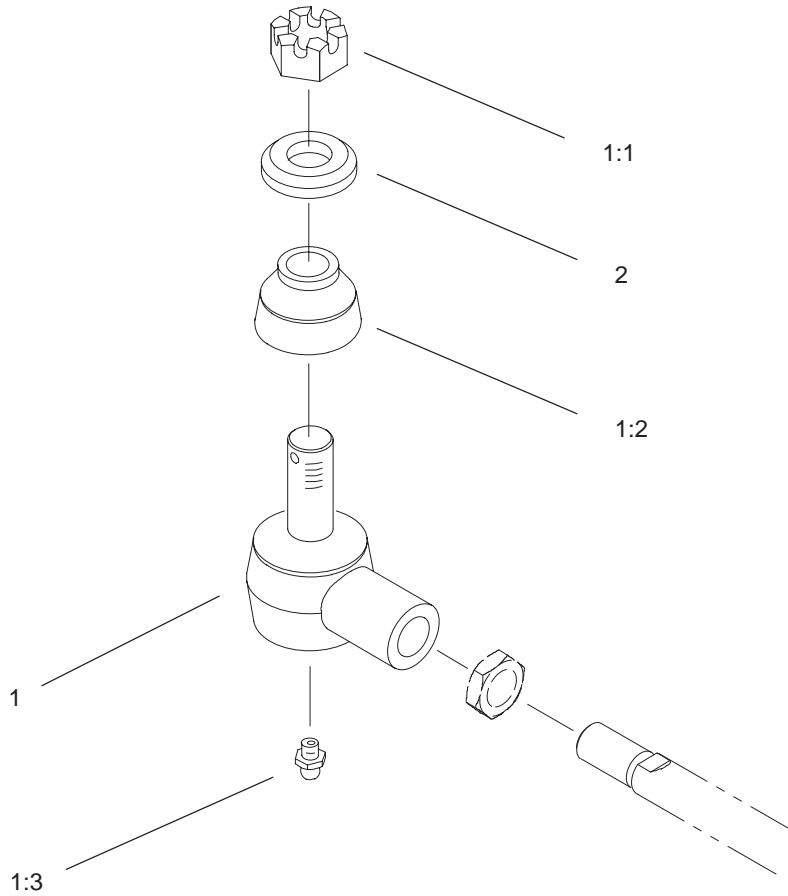
Sheet No.:23

## 2 Wheel Drive Axle and Power Steering Assembly (only on: 03806)

| Ref. No. | Part No.    | Qty. | Description        |
|----------|-------------|------|--------------------|
| 1        | 105-7843    | 1    | Rod End ASM        |
| 2        | 3220-11     | 1    | Nut-Jam            |
| 3        | 340-70      | 2    | Locknut-Bulkhead   |
| 4        | 98-3867     | 2    | Washer-Thrust      |
| 5        | 92-7595     | 1    | Hose ASM           |
| 6        | 92-7594     | 1    | Hose ASM           |
| 7        | 3296-68     | 1    | Nut-Lock NI        |
| 8        | 92-1765     | 1    | Washer-Thrust      |
| 9        | 100-3770    | 1    | Pin-Axle, Pivot    |
| 10       | 302-33      | 1    | Fitting-Grease     |
| 11       | 100-3771    | 1    | Pin-Stop           |
| 12       | 3234-12     | 2    | Screw-HHF          |
| 13       | 69-8890     | 2    | Cap-Spindle        |
| 14       | 32151-10    | 2    | Ring-Snap          |
| 15       | 62-2170     | 4    | Washer-Thrust      |
| 16       | 100-3785-03 | 1    | Rear Axle ASM      |
| ☆16:1    |             | 1    | Rear Axle ASM      |
| 16:1:2   | 69-6470     | 4    | Bushing-Castor     |
| 16:1:3   | 99-6964     | 2    | Bushing-Axle       |
| 16:1:4   | 302-11      | 2    | Fitting-Lube, 45°  |
| 17       | 32136-14    | 1    | Nut-Shh            |
| 18       | 3272-12     | 2    | Pin-Cotter         |
| 19       | 92-5833     | 1    | Spacer-Joint, Ball |
| 20       | 340-97      | 2    | Fitting-Hyd, 90°   |

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 20:1     | 237-22   | 1    | O-Ring           |
| 20:2     | 237-78   | 1    | O-Ring           |
| 21       | 94-8142  | 1    | Hyd Cylinder ASM |
| 22       | 92-5839  | 1    | Joint-Ball       |
| 23       | 94-9973  | 1    | Ring-Retaining   |
| 24       | 302-5    | 1    | Fitting-Grease   |

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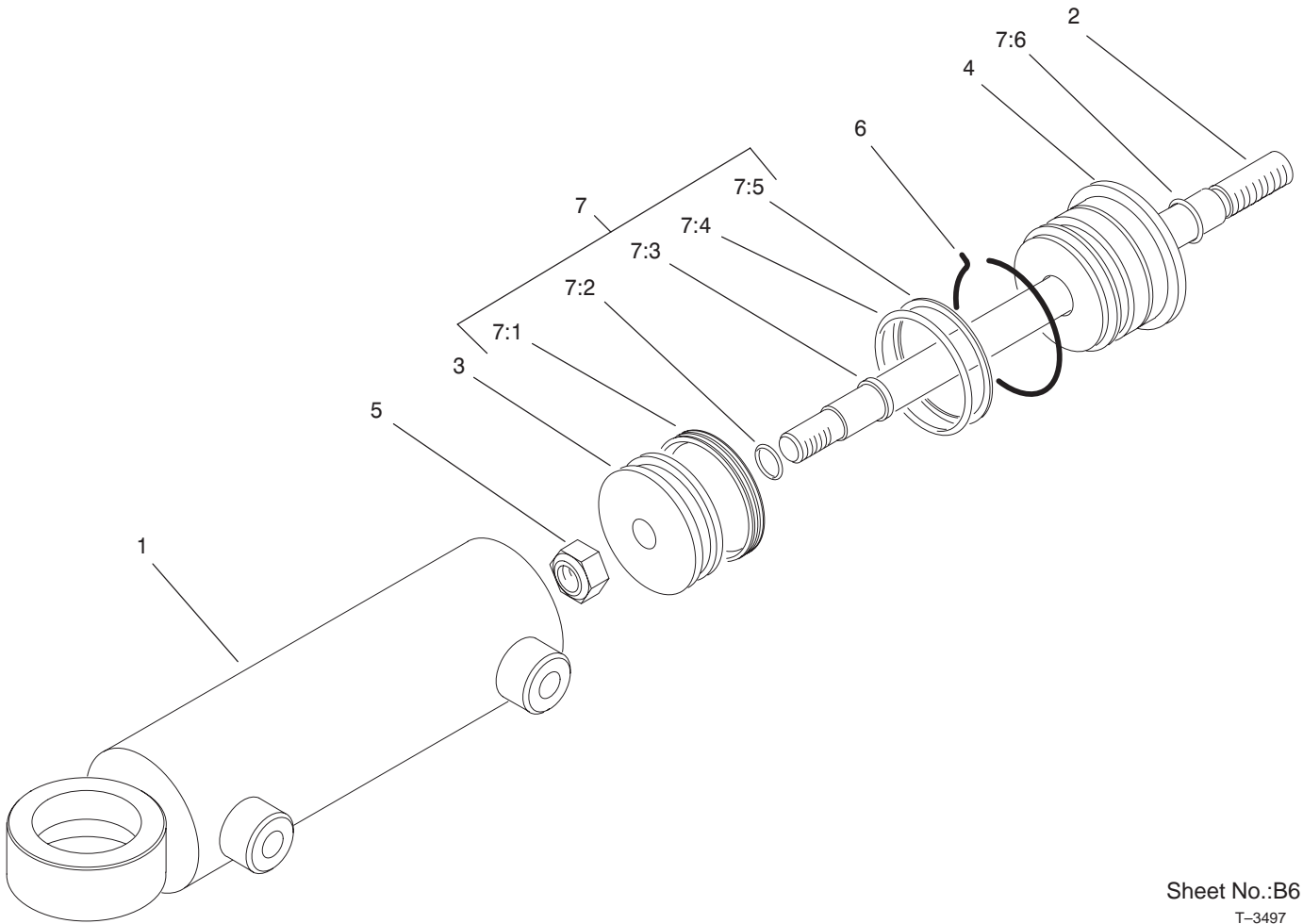
Sheet No.:B5

### Tie Rod End Assembly No. 105-7843 (only on: 03806)

| Ref. No. | Part No. | Qty. | Description    |
|----------|----------|------|----------------|
| ☆1       |          | 1    | Rod End-Female |
| 1:1      | 32136-2  | 1    | Nut-Shh        |
| 1:2      | 105-7835 | 1    | Seal           |
| 1:3      | 302-5    | 1    | Fitting-Grease |
| 2        | 105-7942 | 1    | Spacer         |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
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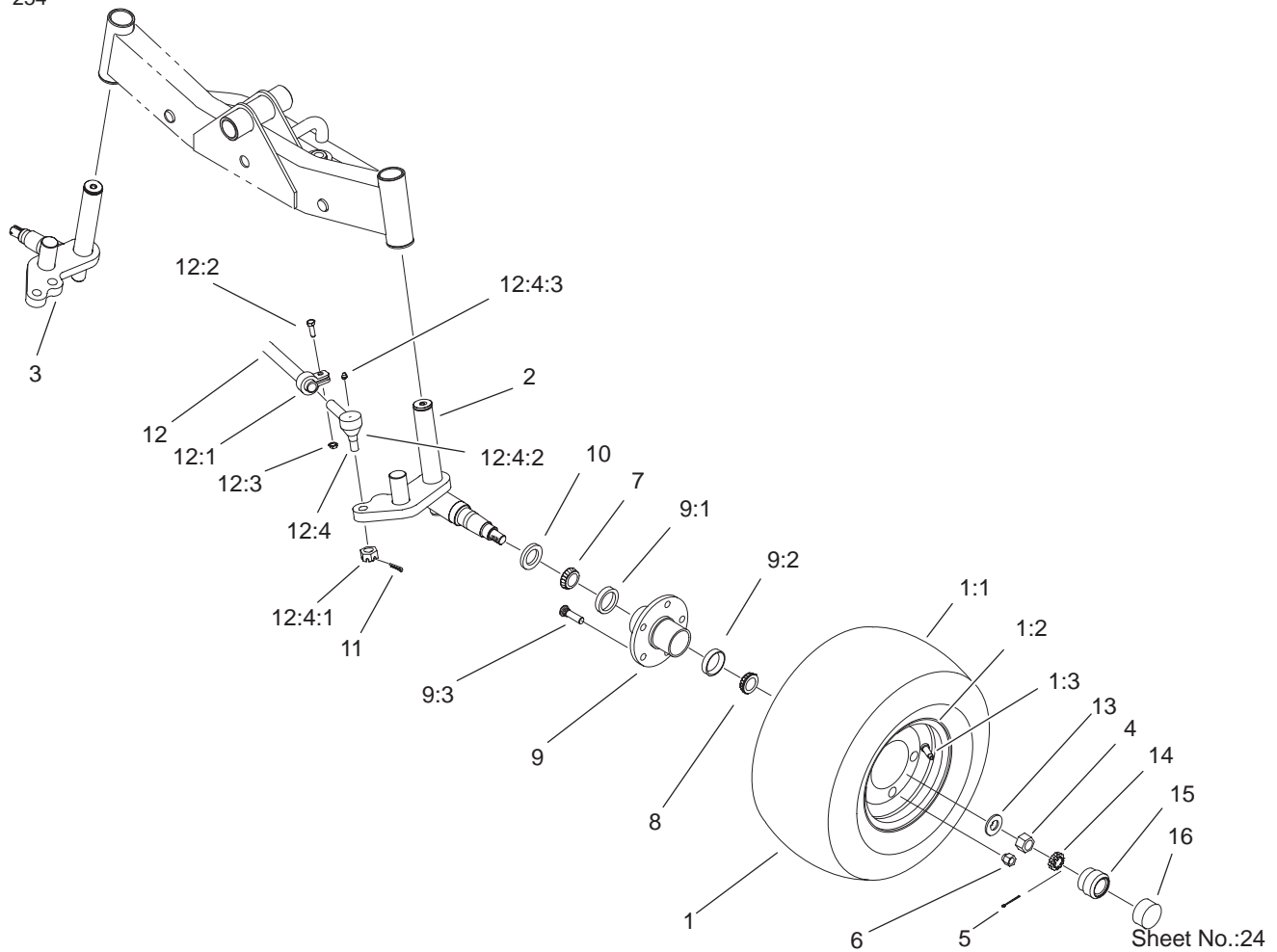
Sheet No.:B6  
T-3497

## Hydraulic Cylinder Assembly No. 94-8142 (only on: 03806)

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 1        | 94-9959  | 1    | Barrel ASM       |
| 2        | 94-9960  | 1    | Piston Rod ASM   |
| 3        | 94-9961  | 1    | Piston           |
| 4        | 94-9962  | 1    | Gland-Cylinder   |
| 5        | 32152-10 | 1    | Locknut          |
| 6        | 94-9963  | 1    | Ring-Retaining   |
| 7        | 94-9964  | 1    | Kit-Repair, Seal |
| ☆7:1     |          | 1    | Uniring          |
| ☆7:2     |          | 1    | O-Ring           |
| ☆7:3     |          | 1    | Seal-Rod         |
| ☆7:4     |          | 1    | O-Ring           |
| ☆7:5     |          | 1    | Backup           |
| ☆7:6     |          | 1    | O-Ring           |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

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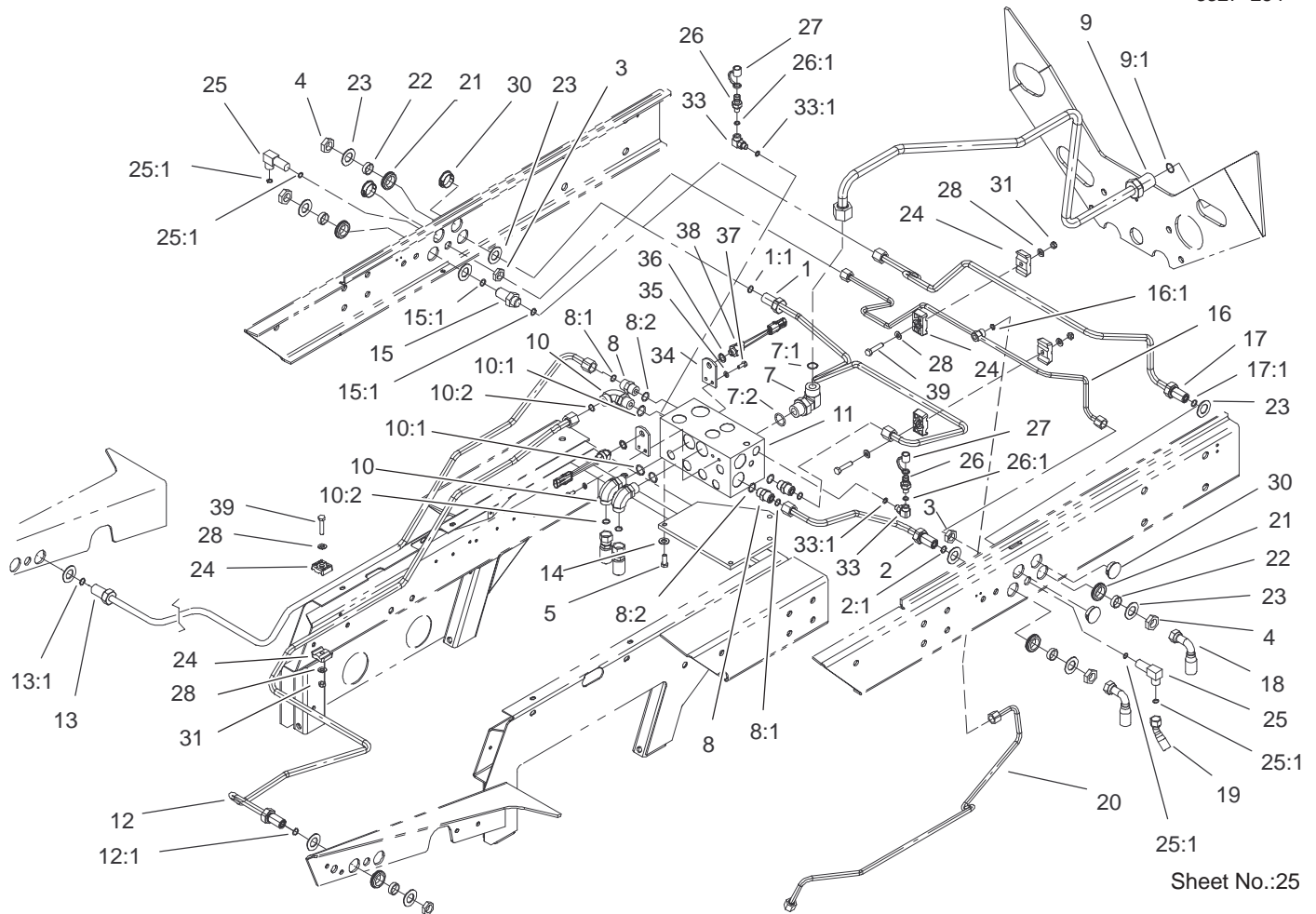
Sheet No.:24

## 2 Wheel Drive Axle and Wheel Assembly (only on: 03806)

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| ☆1       |            | 2    | Tire And Wheel ASM    |
| 1:1      | 86-5910    | 1    | Tire                  |
| 1:2      | 100-2582   | 1    | Rim                   |
| 1:3      | 232-27     | 1    | Stem-Valve            |
| 2        | 92-9725-03 | 1    | Spindle-LH            |
| 3        | 92-9724-03 | 1    | Spindle-RH            |
| 4        | 3220-7     | 2    | Nut-Jam               |
| 5        | 3272-13    | 2    | Pin-Cotter            |
| 6        | 242-50     | 10   | Nut-Lug               |
| 7        | 254-106    | 2    | Cone-Bearing, Tapered |
| 8        | 254-92     | 2    | Cone-Bearing, Outer   |
| 9        | 92-9651    | 2    | Hub Sub ASM           |
| 9:1      | 254-107    | 1    | Cup-Bearing, Tapered  |
| 9:2      | 254-72     | 1    | Bearing-Cup, Tapered  |
| 9:3      | 92-9652    | 5    | Stud-Bolt             |
| 10       | 69-2980    | 2    | Seal                  |
| 11       | 3272-12    | 2    | Pin-Cotter            |
| 12       | 98-8839    | 1    | Tie Rod ASM           |
| 12:1     | 98-8840    | 1    | Tube And Clamp ASM    |
| 12:2     | 323-9      | 2    | Screw-HH              |
| 12:3     | 3296-39    | 2    | Nut-Lock, NI          |
| 12:4     | 71-4740    | 2    | End-Rod, Tie          |
| 12:4:1   | 105-7941   | 1    | Nut-Hex, Slotted      |
| 12:4:2   | 71-4760    | 1    | Seal                  |
| 12:4:3   | 302-5      | 1    | Fitting-Grease        |

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 13       | 93-0309  | 2    | Washer-Tab             |
| 14       | 93-0307  | 2    | Nut-Lock, Retainer     |
| 15       | 100-3769 | 2    | Buddy-Bearing          |
| 16       | 100-3809 | 2    | Cap-Protector, Bearing |

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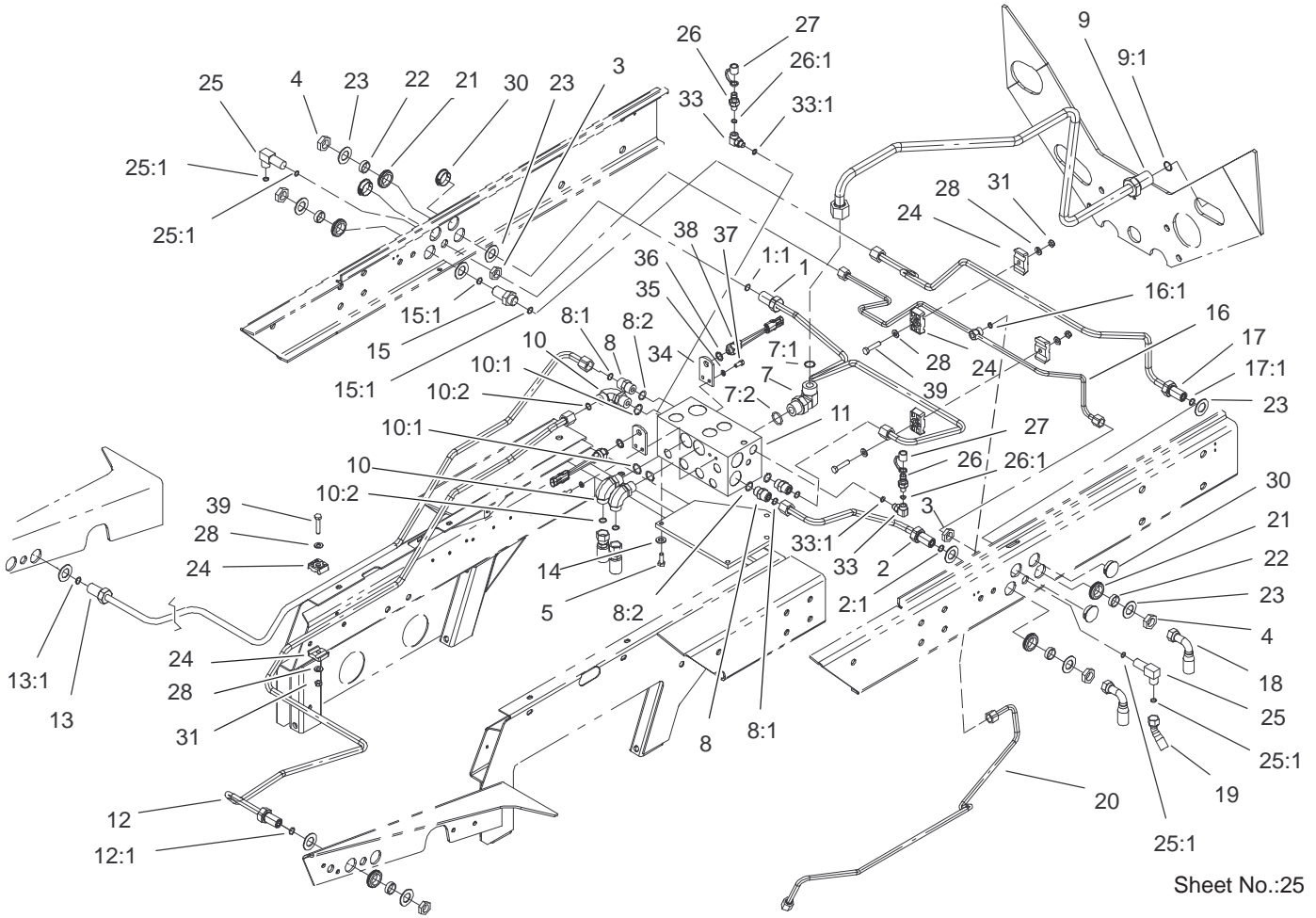


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## Rear Hydraulic Control Block Assembly

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 1        | 104-3728 | 1    | Hyd Tube ASM          |
| 1:1      | 237-30   | 1    | O-Ring                |
| 2        | 104-3731 | 1    | Hyd Tube ASM          |
| 2:1      | 237-30   | 1    | O-Ring                |
| 3        | 340-70   | 2    | Locknut-Bulkhead      |
| 4        | 340-127  | 4    | Nut-Bulkhead          |
| 5        | 322-4    | 2    | Screw-HH              |
| 7        | 340-142  | 1    | Elbow-90°             |
| 7:1      | 237-58   | 1    | O-Ring                |
| 7:2      | 237-81   | 1    | O-Ring                |
| 8        | 340-6    | 3    | Fitting-Hyd, Straight |
| 8:1      | 237-30   | 1    | O-Ring                |
| 8:2      | 237-80   | 1    | O-Ring                |
| 9        | 104-3734 | 1    | Hyd Cooler Tube ASM   |
| 9:1      | 237-65   | 1    | O-Ring                |
| 10       | 340-105  | 3    | Fitting-90°           |
| 10:1     | 237-80   | 1    | O-Ring                |
| 10:2     | 237-30   | 1    | O-Ring                |
| 11       | 99-6978  | 1    | Block-Manifold, Mow   |
| 12       | 104-3741 | 1    | Hyd Tube ASM          |
| 12:1     | 237-30   | 1    | O-Ring                |
| 13       | 104-3739 | 1    | Hyd Tube ASM          |
| 13:1     | 237-30   | 1    | O-Ring                |
| 14       | 3253-4   | 2    | Washer-Lock           |
| 15       | 340-161  | 1    | Fitting-Bulkhead      |
| 15:1     | 237-30   | 2    | O-Ring                |

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 16       | 104-3723 | 1    | Hyd Tube ASM     |
| 16:1     | 237-22   | 1    | O-Ring           |
| 17       | 104-3724 | 1    | Hyd Tube ASM     |
| 17:1     | 237-30   | 1    | O-Ring           |
| 18       | 105-7903 | 4    | Hose ASM-Hyd     |
| 19       | 99-5614  | 2    | Hyd Hose ASM     |
| 20       | 104-3732 | 1    | Return Drain ASM |
| 21       | 240-5    | 4    | Grommet          |
| 22       | 69-8960  | 4    | Spacer           |
| 23       | 69-8930  | 8    | Washer           |
| 24       | 56-7972  | 6    | Clamp-Tube       |
| 25       | 340-154  | 2    | Union-Bulkhead   |
| 25:1     | 237-22   | 2    | O-Ring           |
| 26       | 354-77   | 2    | Fitting-Quick    |
| 26:1     | 237-78   | 1    | O-Ring           |
| 27       | 354-79   | 2    | Cap-Dust, Yellow |
| 28       | 3256-23  | 6    | Washer-Flat      |
| 30       | 94-1402  | 4    | Plug-Hole        |
| 31       | 3296-47  | 3    | Nut-Lock, NI     |
| 33       | 75-6640  | 2    | Fitting-Special  |
| 33:1     | 237-78   | 1    | O-Ring           |
| 34       | 98-8199  | 2    | Bracket-Switch   |
| 35       | 3253-3   | 4    | Washer-Lock      |
| 36       | 3256-76  | 2    | Washer-Flat      |
| 37       | 329-3    | 4    | Screw-HH         |
| 38       | 72-4320  | 2    | Switch           |

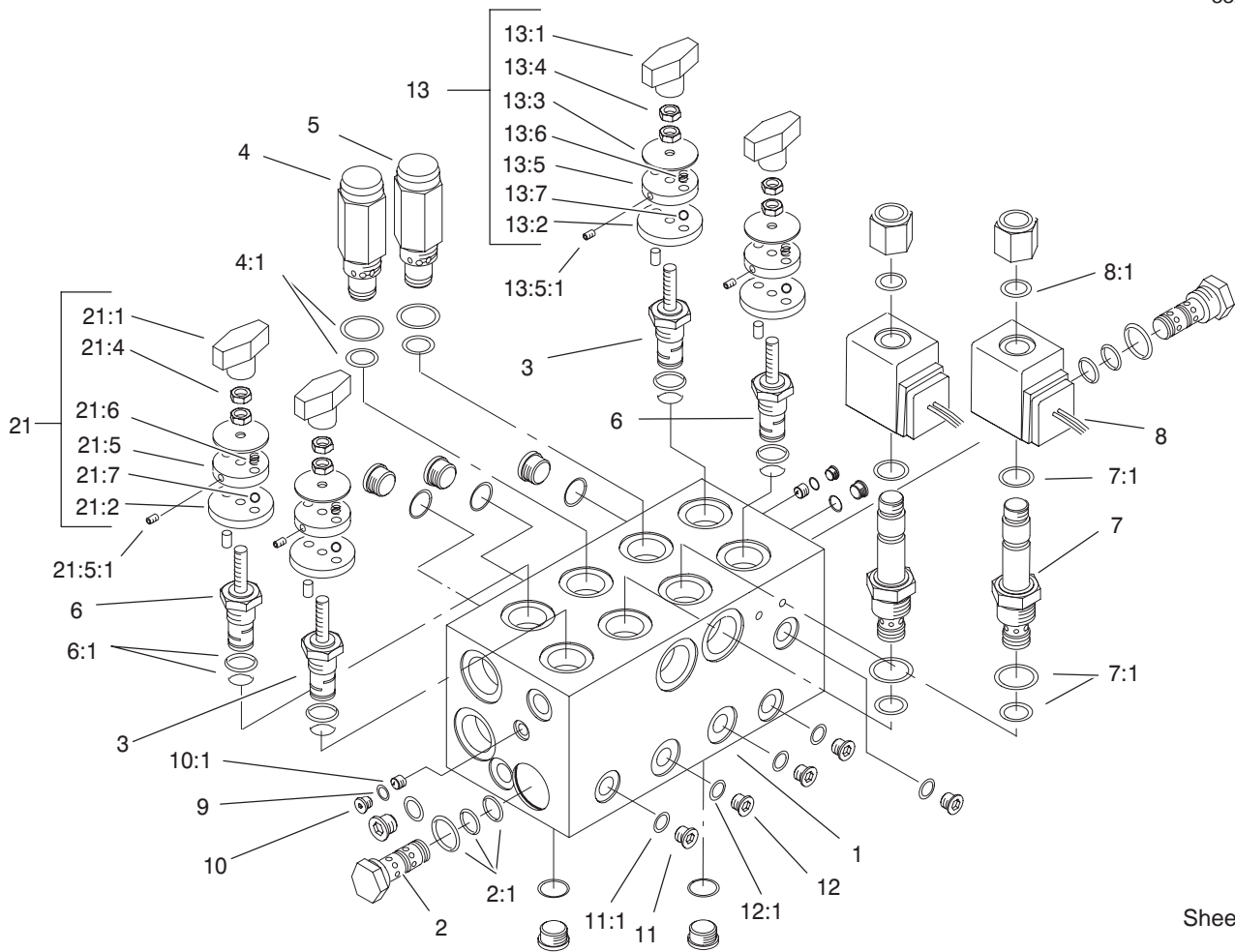


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## Rear Hydraulic Control Block Assembly (Continued)

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 39       | 322-7    | 3    | Screw-HH    |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|----------|----------|------|-------------|



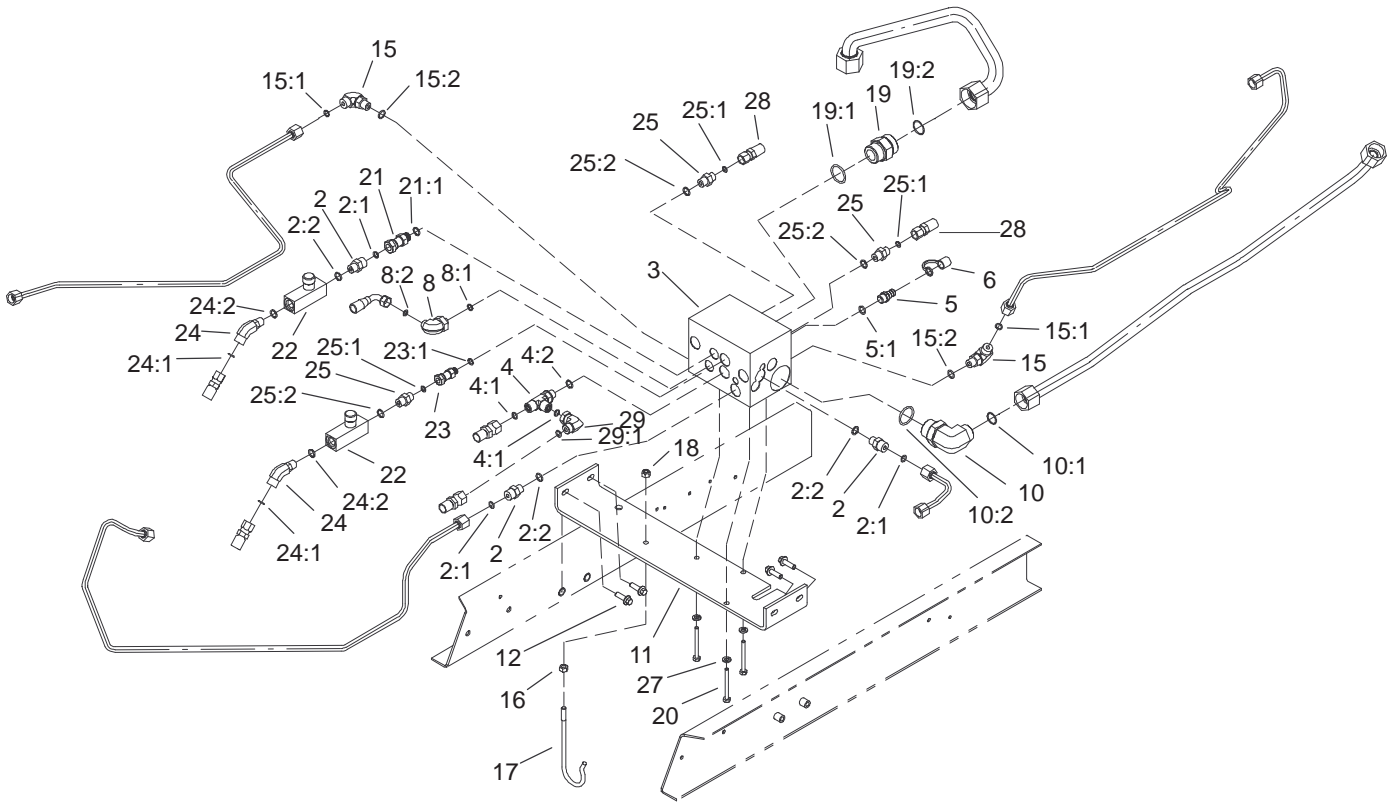
Sheet No.:B7  
T-3575

## Hydraulic Manifold Mow Block Assembly No. 99-6978

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| ☆1       |          | 1    | Body-Manifold           |
| 2        | 69-4120  | 2    | Cartridge-Logic         |
| 2:1      | 69-4240  | 1    | Seal Kit                |
| 3        | 94-8175  | 2    | Control-Flow, Rotary    |
| 4        | 94-3655  | 1    | Valve-Relief            |
| 4:1      | 75-2080  | 1    | Seal Kit                |
| 5        | 104-1200 | 1    | Valve-Relief, Cartridge |
| 6        | 94-3657  | 2    | Spool ASM               |
| 6:1      | 94-3661  | 1    | 4-Way Seal Kit          |
| 7        | 93-7494  | 2    | Cartridge               |
| 7:1      | 75-2080  | 1    | Seal Kit                |
| 8        | 83-2010  | 2    | Coil-Valve              |
| 8:1      | 94-5438  | 2    | Seal-Solenoid           |
| 9        | 95-5999  | 2    | Plug-Orifice            |
| 10       | 353-991  | 4    | Plug-Hex, Hollow        |
| 10:1     | 237-156  | 1    | O-Ring                  |
| 11       | 353-990  | 8    | Plug                    |
| 11:1     | 237-78   | 1    | O-Ring                  |
| 12       | 353-989  | 4    | Plug-Hex, Hollow        |
| 12:1     | 237-42   | 1    | O-Ring                  |
| 13       | 94-3660  | 2    | Kit-Detent              |
| 13:1     | 94-5020  | 1    | Knob ASM                |
| 13:2     | 94-5025  | 1    | Plate-Locating          |
| 13:3     | 94-5026  | 1    | Plate-Indicator         |
| 13:4     | 3218-1   | 2    | Nut-Jam                 |
| 13:5     | 94-5023  | 1    | Plate-Detent            |

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 13:5:1   | 3245-36  | 1    | Screw-HSH             |
| 13:6     | 94-5027  | 2    | Spring                |
| 13:7     | 255-13   | 2    | Ball-Steel, Stainless |
| 21       | 94-6378  | 2    | Kit-Detent            |
| 21:1     | 94-5020  | 1    | Knob ASM              |
| 21:2     | 94-5021  | 1    | Plate-Locating        |
| 21:4     | 3218-1   | 2    | Nut-Jam               |
| 21:5     | 94-5023  | 1    | Plate-Detent          |
| 21:5:1   | 3245-36  | 1    | Screw-HSH             |
| 21:6     | 94-5027  | 2    | Spring                |
| 21:7     | 255-13   | 2    | Ball-Steel, Stainless |

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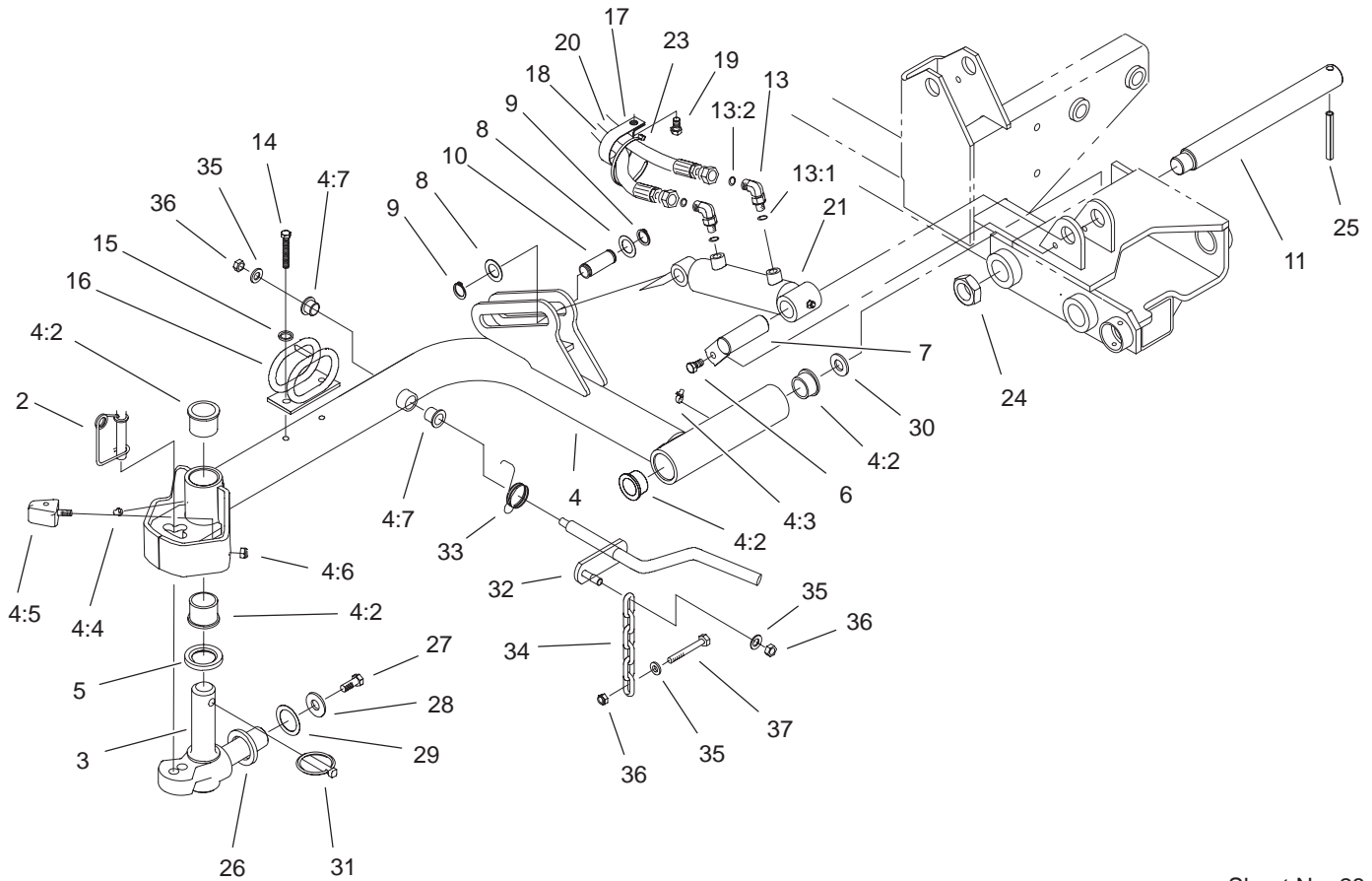
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## Front Hydraulic Control Block and Hose Assembly

| Ref. No. | Part No.    | Qty. | Description            |
|----------|-------------|------|------------------------|
| 2        | 340-2       | 3    | Fitting-Hyd, Straight  |
| 2:1      | 237-22      | 1    | O-Ring                 |
| 2:2      | 237-42      | 1    | O-Ring                 |
| 3        | 104-9335    | 1    | Manifold Block-Lift    |
| 4        | 340-86      | 1    | Fitting-Tee, Hyd       |
| 4:1      | 237-22      | 2    | O-Ring                 |
| 4:2      | 237-42      | 1    | O-Ring                 |
| 5        | 59-7410     | 1    | Tip-Nipple, Diagonal   |
| 5:1      | 237-42      | 1    | O-Ring                 |
| 6        | 354-79      | 1    | Cap-Dust, Yellow       |
| 8        | 340-132     | 1    | Fitting-Hyd, 90°       |
| 8:1      | 237-78      | 1    | O-Ring                 |
| 8:2      | 237-21      | 1    | O-Ring                 |
| 10       | 340-15      | 1    | Adapter                |
| 10:1     | 237-58      | 1    | O-Ring                 |
| 10:2     | 237-146     | 1    | O-Ring                 |
| 11       | 104-3772-01 | 1    | Bracket-Manifold Block |
| 12       | 3234-17     | 4    | Screw-HHF              |
| 15       | 340-77      | 2    | Fitting-Hyd, 90°       |
| 15:1     | 237-22      | 1    | O-Ring                 |
| 15:2     | 237-42      | 1    | O-Ring                 |
| 16       | 3217-6      | 1    | Nut-Hex                |
| 17       | 93-7970     | 1    | Wireform-Hose Hanger   |
| 18       | 3296-29     | 1    | Nut-Lock, NI           |

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| 19       | 104-3797 | 1    | Fitting-Hyd, Straight      |
| 19:1     | 237-146  | 1    | O-Ring                     |
| 19:2     | 340-65   | 1    | O-Ring                     |
| 20       | 322-3    | 3    | Screw-HH                   |
| 21       | 104-3779 | 1    | Connector-Swivel, Straight |
| 21:1     | 237-42   | 1    | O-Ring                     |
| 22       | 98-9742  | 2    | Valve-Control, Flow        |
| 23       | 104-3777 | 1    | Connector-Swivel, Straight |
| 23:1     | 237-78   | 1    | O-Ring                     |
| 24       | 340-137  | 2    | Fitting                    |
| 24:1     | 237-21   | 1    | O-Ring                     |
| 24:2     | 237-42   | 1    | O-Ring                     |
| 25       | 340-1    | 3    | Adapter                    |
| 25:1     | 237-35   | 1    | O-Ring                     |
| 25:2     | 237-42   | 1    | O-Ring                     |
| 27       | 3253-4   | 3    | Washer-Lock                |
| 28       | 104-3716 | 2    | Hyd Hose ASM               |
| 29       | 340-159  | 1    | Fitting-Hyd, 90°           |
| 29:1     | 237-22   | 2    | O-Ring                     |



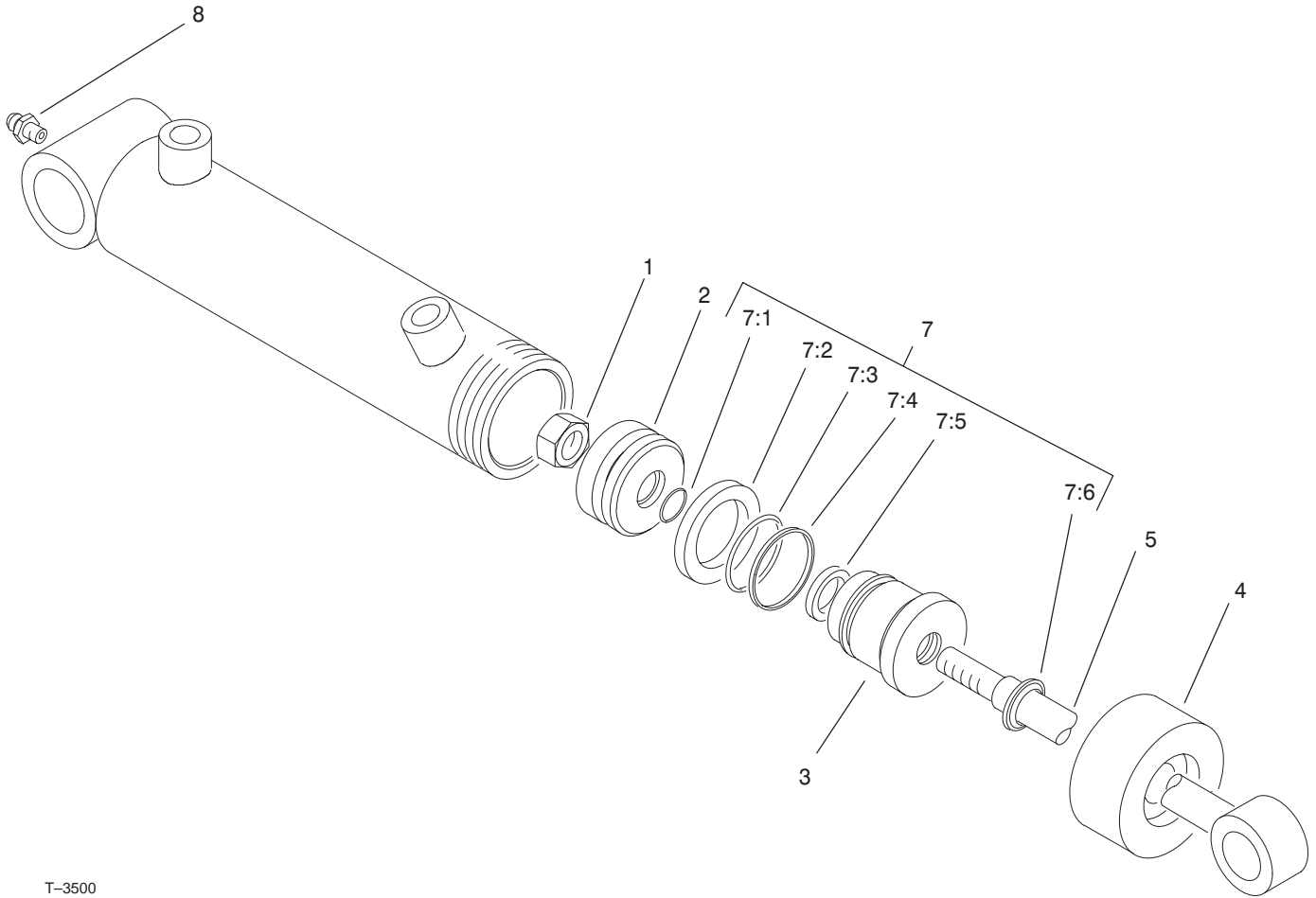


Sheet No.:28

## Front Lift Arm Assembly No. 1

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 2        | 99-5610    | 1    | Pin                 |
| 3        | 98-1880-01 | 1    | Knuckle-Pivot       |
| 4        | 105-3366   | 1    | Lift Arm ASM No. 1  |
| 4:2      | 104-0015   | 4    | Bushing-Flange      |
| 4:3      | 302-60     | 1    | Fitting-Grease      |
| 4:4      | 302-5      | 1    | Fitting-Grease      |
| 4:5      | 99-5605    | 2    | Bumper ASM          |
| 4:6      | 3296-29    | 2    | Nut-Lock, NI        |
| 4:7      | 256-287    | 2    | Bushing             |
| 5        | 94-8946    | 1    | Adapter ASM         |
| 6        | 32144-14   | 1    | Screw-HWH           |
| 7        | 83-6790    | 1    | Pin-Cylinder        |
| 8        | 94-9998    | 2    | Washer-Thrust       |
| 9        | 94-9974    | 2    | Ring-Retaining      |
| 10       | 75-5350    | 1    | Pin-Slide, Cylinder |
| 11       | 95-7158    | 1    | Pin-Pivot           |
| 13       | 340-132    | 2    | Fitting-Hyd, 90°    |
| 13:1     | 237-78     | 1    | O-Ring              |
| 13:2     | 237-21     | 1    | O-Ring              |
| 14       | 33114-020  | 2    | Screw-HH            |
| 15       | 3253-4     | 2    | Washer-Lock         |
| 16       | 99-5621    | 1    | Guide-Hose          |
| 17       | 2412-96    | 1    | Clamp-R             |
| 18       | 105-7916   | 1    | Hyd Hose ASM        |
| 19       | 322-4      | 1    | Screw-HH            |
| 20       | 105-9274   | 1    | Hyd Hose ASM        |

| Ref. No. | Part No.    | Qty. | Description       |
|----------|-------------|------|-------------------|
| 21       | 93-2650     | 1    | Cylinder-Lift     |
| 23       | 3290-378    | 1    | Tie-Cable         |
| 24       | 3296-49     | 1    | Nut-Lock NI       |
| 25       | 32121-110   | 1    | Pin-Roll, Slotted |
| 26       | 98-7974     | 1    | Washer-Thrust     |
| 27       | 98-7993     | 1    | Screw-HHF         |
| 28       | 3256-6      | 1    | Washer-Flat       |
| 29       | 3-6781      | 1    | Washer-Thrust     |
| 30       | 76-2980     | 1    | Washer-Thrust     |
| 31       | 283-71      | 1    | Pin-Lynch         |
| 32       | 105-0142-03 | 1    | Rod-Front Pivot   |
| 33       | 98-3929     | 1    | Spring-Torsion    |
| 34       | 93-6738     | 1    | Chain             |
| 35       | 3256-24     | 3    | Washer-Flat       |
| 36       | 3296-39     | 3    | Nut-Lock, NI      |
| 37       | 323-7       | 1    | Screw-HH          |



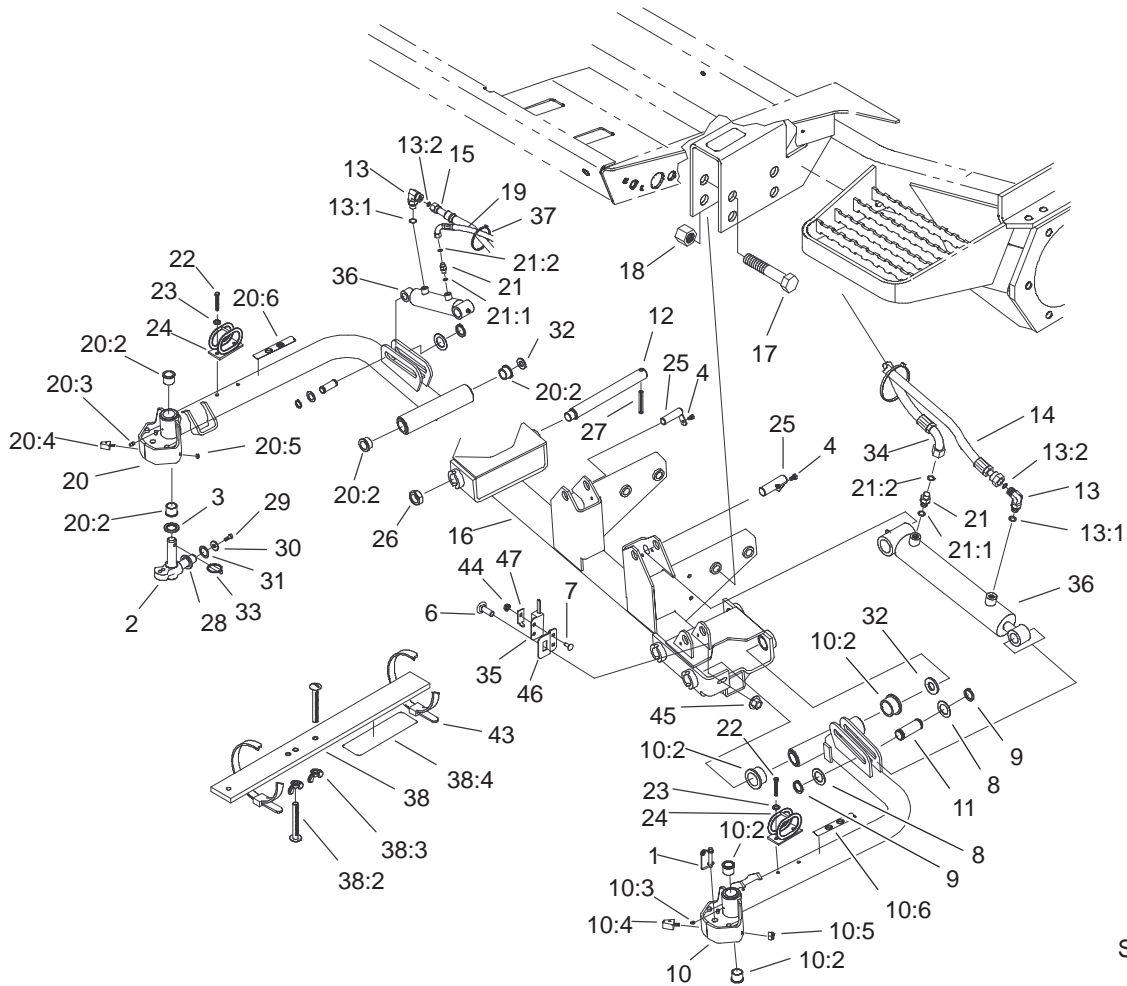
T-3500  
Sheet No.:B9

## Hydraulic Cylinder Assembly No. 93-2650

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 1        | 32152-10 | 1    | Locknut         |
| 2        | 70-2780  | 1    | Piston          |
| 3        | 93-7990  | 1    | Head            |
| 4        | 93-7991  | 1    | Collar          |
| 5        | 94-2644  | 1    | Shaft-With Tube |
| 7        | 86-7330  | 1    | Kit-Seal        |
| ☆7:1     |          | 1    | O-Ring          |
| ☆7:2     |          | 1    | Seal-Special    |
| ☆7:3     |          | 1    | O-Ring          |
| ☆7:4     |          | 1    | Backup          |
| ☆7:5     |          | 1    | Seal-Rod        |
| ☆7:6     |          | 1    | Seal-Dust       |
| 8        | 302-5    | 1    | Fitting-Grease  |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
|          |          |      |             |
|          |          |      |             |
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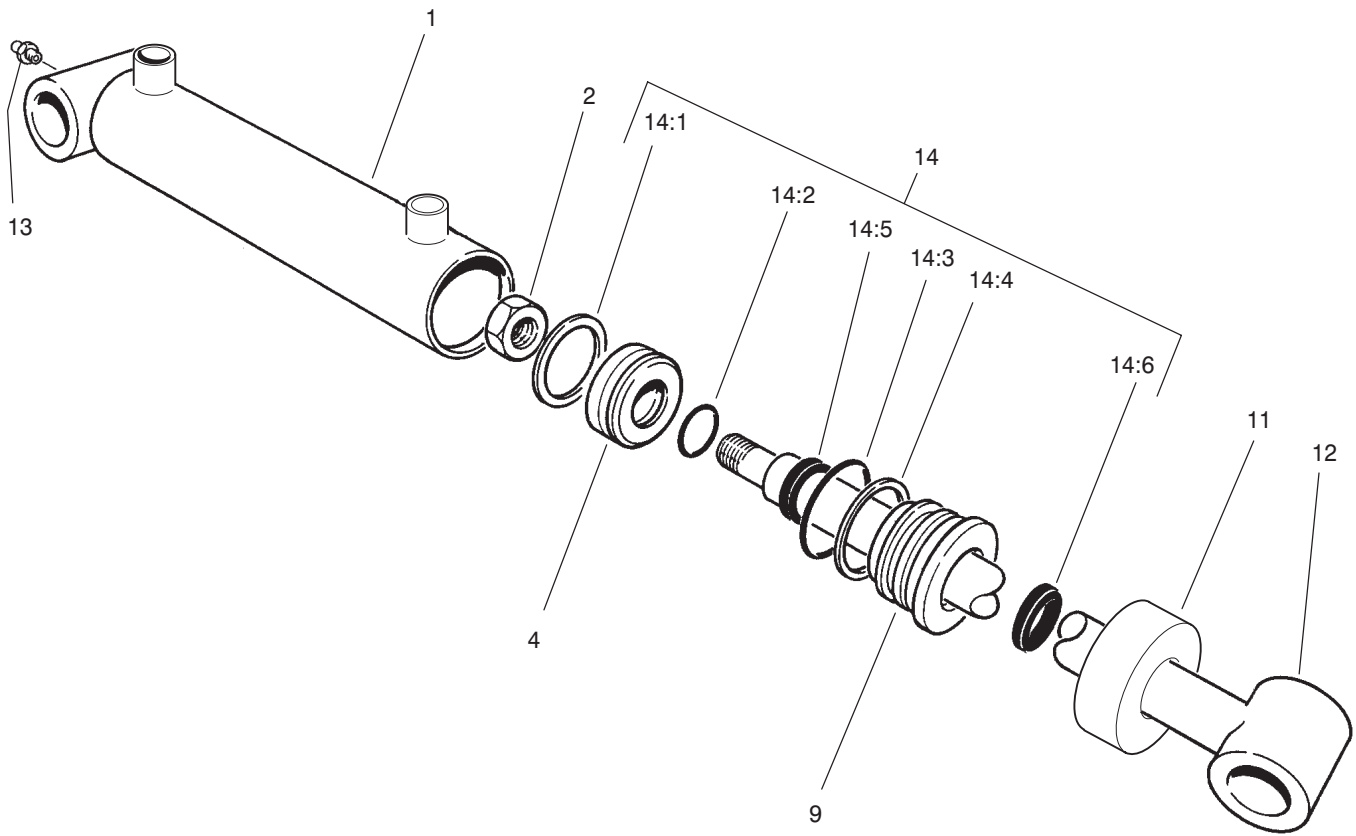
Sheet No.:29

## Front Lift Arm and Motor Assembly

| Ref. No. | Part No.    | Qty. | Description                               |
|----------|-------------|------|---|
| 1        | 99-5610     | 2    | Pin                                       |
| 2        | 98-1880-01  | 2    | Knuckle-Pivot                             |
| 3        | 94-8946     | 2    | Adapter ASM                               |
| 4        | 32144-14    | 2    | Screw-HWH                                 |
| 5        | 100-4872    | 1    | Plate-Switch, Neutral<br>(only on: 03807) |
| 6        | 3231-22     | 1    | Screw-CARR                                |
| 7        | 104-1450    | 1    | Bolt-CARR                                 |
| 8        | 94-9998     | 4    | Washer-Thrust                             |
| 9        | 94-9974     | 4    | Ring-Retaining                            |
| 10       | 105-3359    | 1    | Arm Assembly-Lift #4                      |
| 10:2     | 104-0015    | 4    | Bushing-Flange                            |
| 10:3     | 302-5       | 2    | Fitting-Grease                            |
| 10:4     | 99-5605     | 2    | Bumper ASM                                |
| 10:5     | 3296-29     | 2    | Nut-Lock, NI                              |
| 10:6     | 93-6687     | 1    | Decal-Step, No                            |
| 11       | 75-5350     | 2    | Pin-Slide, Cylinder                       |
| 12       | 95-7158     | 2    | Pin-Pivot                                 |
| 13       | 340-132     | 2    | Fitting-Hyd, 90°                          |
| 13:1     | 237-78      | 1    | O-Ring                                    |
| 13:2     | 237-21      | 1    | O-Ring                                    |
| 14       | 105-7948    | 1    | Hyd Hose ASM                              |
| 15       | 105-7945    | 1    | Hyd Hose ASM                              |
| 16       | 105-3347-03 | 1    | Frame-Carrier Front                       |
| 17       | 328-7       | 4    | Screw-HH                                  |
| 18       | 3296-51     | 4    | Nut-Lock, NI                              |

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 19       | 105-7946   | 1    | Hyd Hose ASM          |
| 20       | 105-0110   | 1    | Lift Arm ASM #5       |
| 20:2     | 104-0015   | 4    | Bushing-Flange        |
| 20:3     | 302-5      | 2    | Fitting-Grease        |
| 20:4     | 99-5605    | 2    | Bumper ASM            |
| 20:5     | 3296-29    | 2    | Nut-Lock, NI          |
| 20:6     | 93-6687    | 1    | Decal-Step, No        |
| 21       | 340-92     | 2    | Fitting-Hyd, Straight |
| 21:1     | 237-78     | 1    | O-Ring                |
| 21:2     | 237-21     | 1    | O-Ring                |
| 22       | 33114-020  | 4    | Screw-HH              |
| 23       | 3253-4     | 4    | Washer-Lock           |
| 24       | 99-5621    | 2    | Guide-Hose            |
| 25       | 83-6780-01 | 2    | Pin-Cylinder          |
| 26       | 3296-49    | 2    | Nut-Lock NI           |
| 27       | 32121-110  | 2    | Pin-Roll, Slotted     |
| 28       | 98-7974    | 2    | Washer-Thrust         |
| 29       | 98-7993    | 2    | Screw-HHF             |
| 30       | 3256-6     | 2    | Washer-Flat           |
| 31       | 3-6781     | 2    | Washer-Thrust         |
| 32       | 76-2980    | 2    | Washer-Thrust         |
| 33       | 283-71     | 2    | Pin-Lynch             |
| 34       | 105-7947   | 1    | Hyd Hose ASM          |
| 35       | 100-1270   | 1    | Switch-Proximity      |
| 36       | 99-6986    | 2    | Cylinder-Hyd          |
| 37       | 3290-378   | 2    | Tie-Cable             |





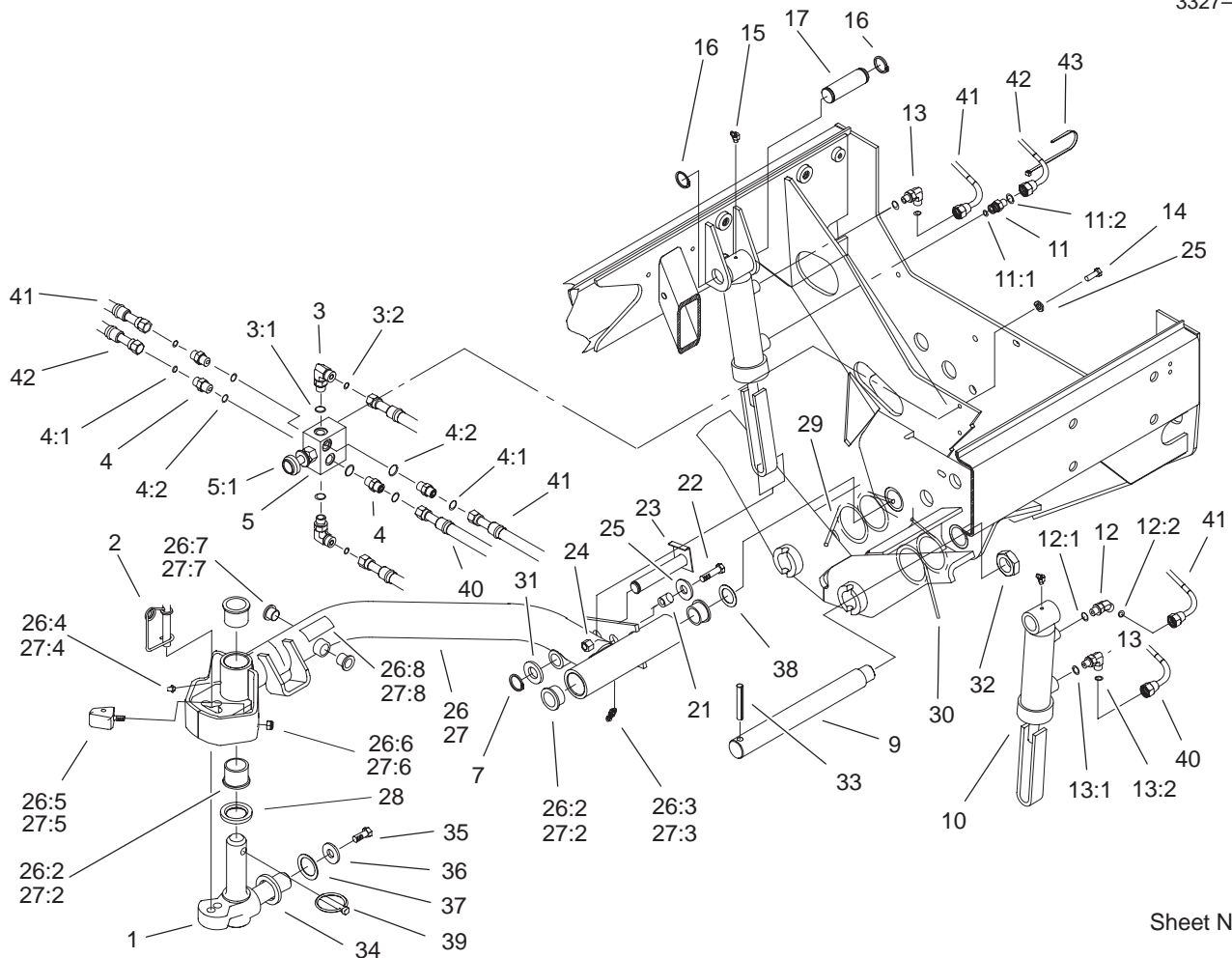
Sheet No.:C1  
T-3499

### Hydraulic Cylinder Assembly No. 99-6986

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| ☆1       |          | 1    | Barrel           |
| 2        | 32152-10 | 1    | Locknut          |
| ☆4       |          | 1    | Piston           |
| ☆9       |          | 1    | Head             |
| ☆11      |          | 1    | Collar           |
| ☆12      |          | 1    | Shaft W/Clevis   |
| ☆13      |          | 1    | Fitting-Grease   |
| 14       | 100-8023 | 1    | Kit-Repair, Seal |
| ☆14:1    |          | 1    | Seal-Psp         |
| ☆14:2    |          | 1    | O-Ring           |
| ☆14:3    |          | 1    | O-Ring           |
| ☆14:4    |          | 1    | Backup           |
| ☆14:5    |          | 1    | Seal-Rod         |
| ☆14:6    |          | 1    | Seal-Dust        |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

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Sheet No.:30

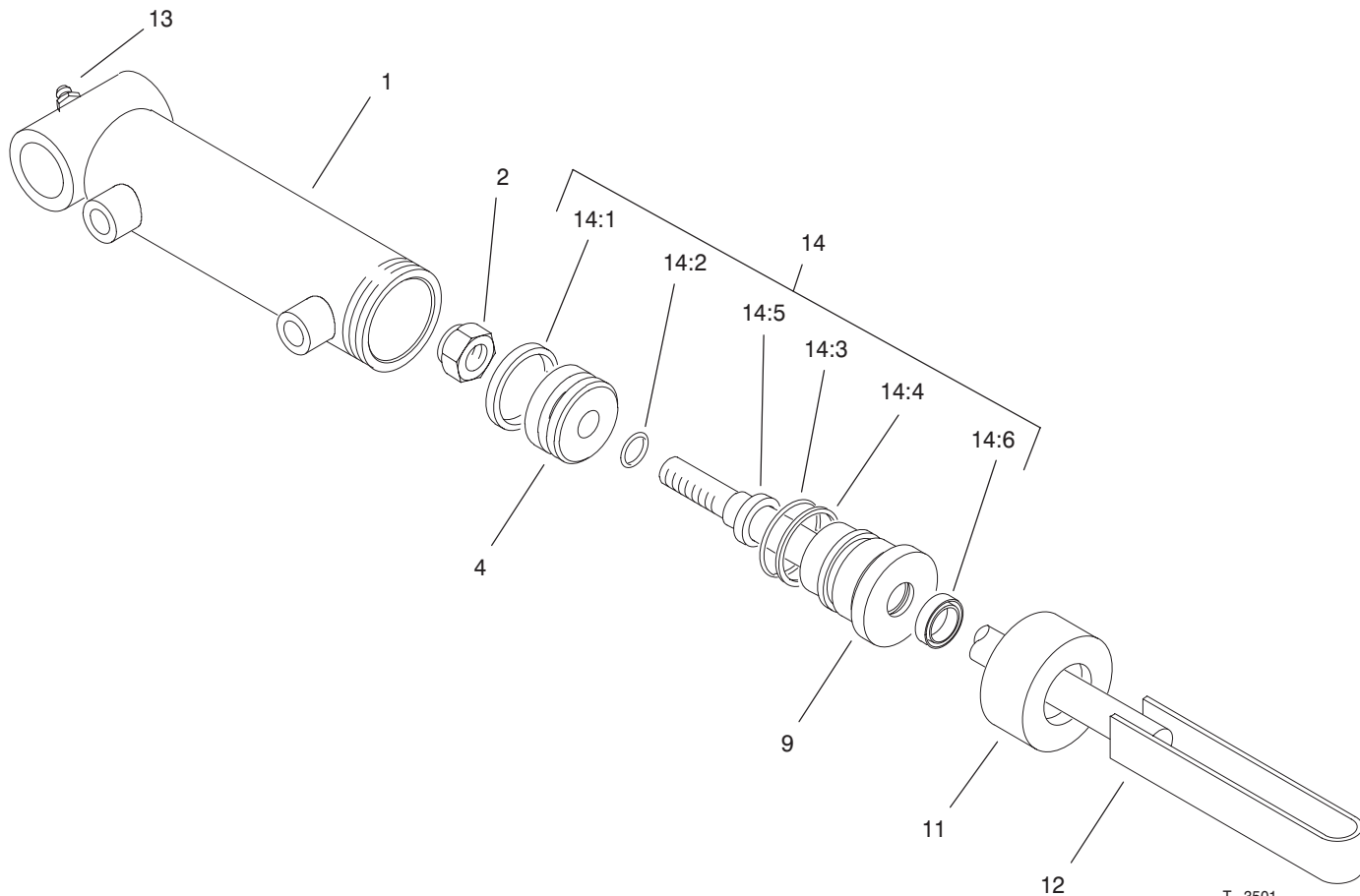
## Lift Arm and Cylinder Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 98-1880-01 | 2    | Knuckle-Pivot         |
| 2        | 99-5610    | 2    | Pin                   |
| 3        | 340-82     | 2    | Adapter               |
| 3:1      | 237-42     | 1    | O-Ring                |
| 3:2      | 237-21     | 1    | O-Ring                |
| 4        | 340-1      | 4    | Adapter               |
| 4:1      | 237-35     | 1    | O-Ring                |
| 4:2      | 237-42     | 1    | O-Ring                |
| 5        | 104-9250   | 1    | Control-Flow          |
| 5:1      | 104-0003   | 1    | Cartridge Kit         |
| *5:1:1   | 105-3334   | 1    | Seal Kit              |
| *5:1:2   | 105-7514   | 1    | Cartridge Knob Kit    |
| 7        | 94-9974    | 2    | Ring-Retaining        |
| 9        | 95-7158    | 2    | Pin-Pivot             |
| 10       | 99-2550    | 2    | Cylinder-Hyd          |
| 11       | 340-92     | 1    | Fitting-Hyd, Straight |
| 11:1     | 237-78     | 1    | O-Ring                |
| 11:2     | 237-21     | 1    | O-Ring                |
| 12       | 340-103    | 1    | Fitting-Hyd, 45°      |
| 12:1     | 237-78     | 1    | O-Ring                |
| 12:2     | 237-21     | 1    | O-Ring                |
| 13       | 340-132    | 2    | Fitting-Hyd, 90°      |
| 13:1     | 237-78     | 1    | O-Ring                |
| 13:2     | 237-21     | 1    | O-Ring                |
| 14       | 321-4      | 2    | Screw-HH              |
| 15       | 302-11     | 2    | Fitting-Lube, 45°     |

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 16       | 32151-36 | 4    | Ring-Retaining       |
| 17       | 92-7548  | 2    | Pin-Cylinder         |
| 21       | 82-6840  | 2    | Spacer               |
| 22       | 322-7    | 2    | Screw-HH             |
| 23       | 99-2560  | 2    | Pin                  |
| 24       | 3296-29  | 2    | Nut-Lock, NI         |
| 25       | 3256-3   | 2    | Washer-Flat          |
| 26       | 105-3363 | 1    | Arm Assembly-Lift #3 |
| 26:2     | 104-0015 | 4    | Bushing-Flange       |
| 26:3     | 302-11   | 1    | Fitting-Lube, 45°    |
| 26:4     | 302-5    | 1    | Fitting-Grease       |
| 26:5     | 99-5605  | 2    | Bumper ASM           |
| 26:6     | 3296-29  | 2    | Nut-Lock, NI         |
| 26:7     | 256-287  | 2    | Bushing              |
| 26:8     | 93-6696  | 1    | Decal-Spring, Loaded |
| 27       | 105-3362 | 1    | Arm Assembly-Lift #2 |
| 27:2     | 104-0015 | 4    | Bushing-Flange       |
| 27:3     | 302-11   | 1    | Fitting-Lube, 45°    |
| 27:4     | 302-5    | 1    | Fitting-Grease       |
| 27:5     | 99-5605  | 2    | Bumper ASM           |
| 27:6     | 3296-29  | 2    | Nut-Lock, NI         |
| 27:7     | 256-287  | 2    | Bushing              |
| 27:8     | 93-6696  | 1    | Decal-Spring, Loaded |
| 28       | 94-8946  | 2    | Adapter ASM          |
| 29       | 99-5608  | 1    | Spring-Torsion, RH   |
| 30       | 99-5609  | 1    | Spring-Torsion, LH   |

\* Not illustrated





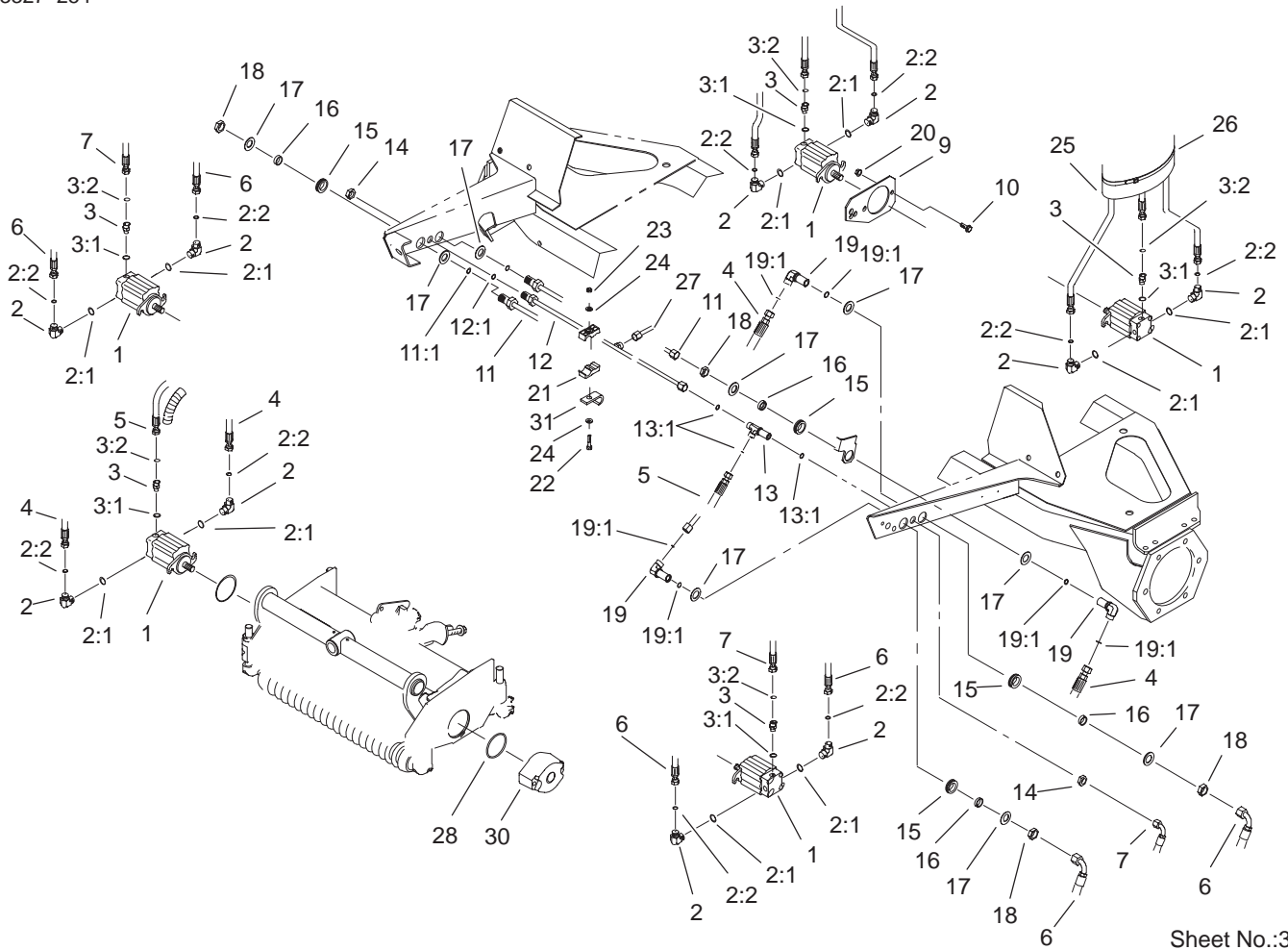
T-3501  
Sheet No.:C2

### Hydraulic Cylinder Assembly No. 99-2550

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| ☆1       |          | 1    | Barrel           |
| 2        | 32152-10 | 1    | Locknut          |
| ☆4       |          | 1    | Piston           |
| ☆9       |          | 1    | Head             |
| ☆11      |          | 1    | Collar           |
| ☆12      |          | 1    | Shaft And Tube   |
| 13       | 302-5    | 1    | Fitting-Grease   |
| 14       | 100-8023 | 1    | Kit-Repair, Seal |
| ☆14:1    |          | 1    | Seal-Psp         |
| ☆14:2    |          | 1    | O-Ring           |
| ☆14:3    |          | 1    | O-Ring           |
| ☆14:4    |          | 1    | Backup           |
| ☆14:5    |          | 1    | Seal-Rod         |
| ☆14:6    |          | 1    | Seal-Dust        |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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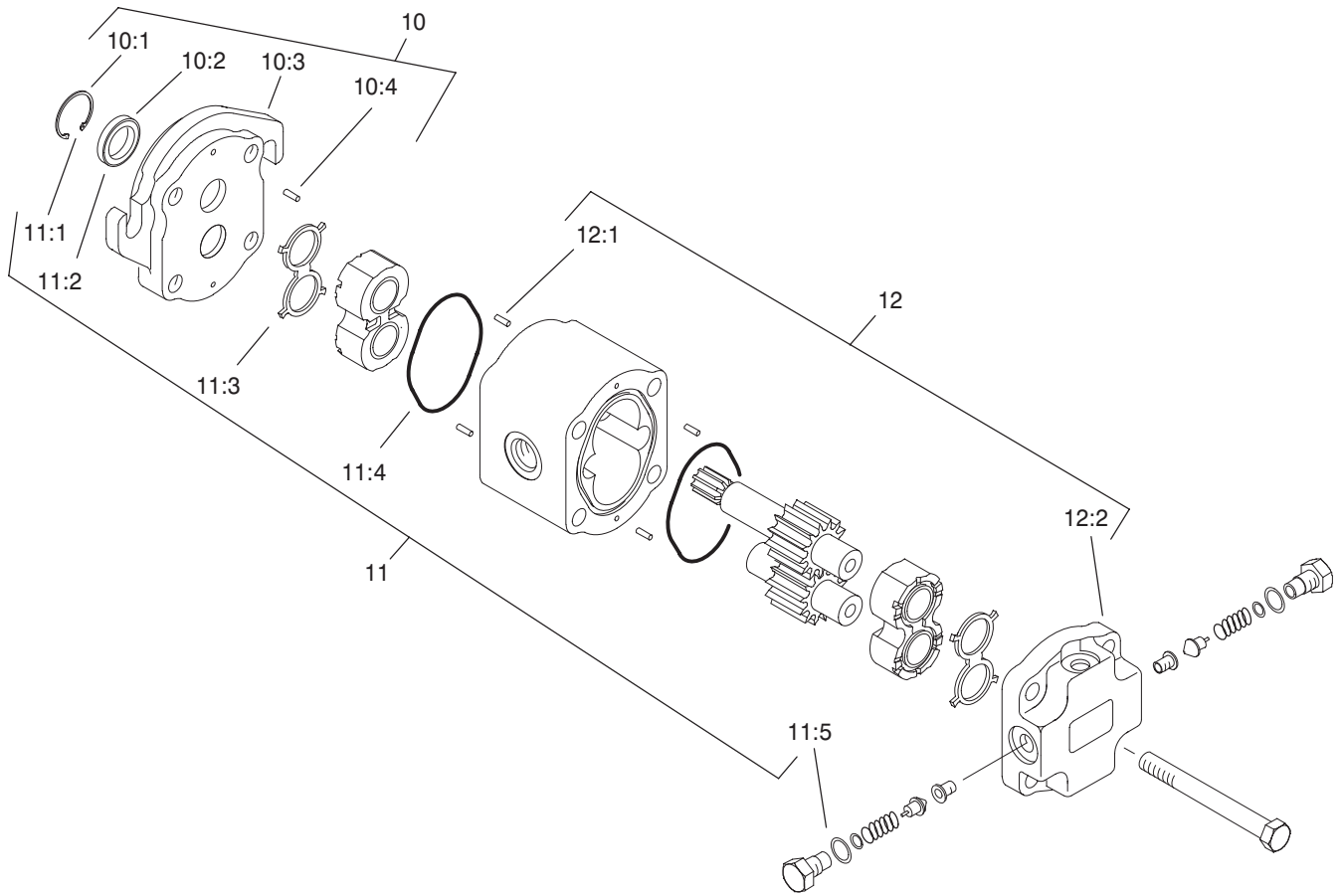


Sheet No.:31

## Reel Motor Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 98-9999    | 5    | Motor-Hydraulic       |
| 2        | 340-98     | 10   | Fitting-Hyd, 90°      |
| 2:1      | 237-79     | 1    | O-Ring                |
| 2:2      | 237-30     | 1    | O-Ring                |
| 3        | 340-92     | 5    | Fitting-Hyd, Straight |
| 3:1      | 237-78     | 1    | O-Ring                |
| 3:2      | 237-21     | 1    | O-Ring                |
| 4        | 105-7902   | 2    | Hyd Hose ASM          |
| 5        | 92-7560    | 1    | Hyd Hose ASM          |
| 6        | 105-7901   | 4    | Hyd Hose ASM          |
| 7        | 92-7559    | 2    | Hyd Hose ASM          |
| 9        | 94-2634-03 | 5    | Bracket-Motor         |
| 10       | 3234-11    | 10   | Screw-HHF             |
| 11       | 93-4219    | 1    | Tube ASM              |
| 11:1     | 237-30     | 1    | O-Ring                |
| 12       | 93-4223    | 1    | Front Drain Tube ASM  |
| 12:1     | 237-22     | 2    | O-Ring                |
| 13       | 340-68     | 1    | Fitting-Tee, Bulkhead |
| 13:1     | 237-22     | 3    | O-Ring                |
| 14       | 340-70     | 2    | Locknut-Bulkhead      |
| 15       | 240-5      | 5    | Grommet               |
| 16       | 69-8960    | 5    | Spacer                |
| 17       | 69-8930    | 10   | Washer                |
| 18       | 340-127    | 5    | Nut-Bulkhead          |
| 19       | 93-9151    | 2    | Fitting-Hyd           |
| 19:1     | 237-30     | 2    | O-Ring                |

| Ref. No. | Part No.    | Qty. | Description       |
|----------|-------------|------|-------------------|
| 20       | 32128-43    | 10   | Nut-Flange        |
| 21       | 56-7972     | 4    | Clamp-Tube        |
| 22       | 322-7       | 2    | Screw-HH          |
| 23       | 3296-47     | 2    | Nut-Lock, NI      |
| 24       | 3256-23     | 4    | Washer-Flat       |
| 25       | 99-5617     | 5    | Sleeve-Protective |
| 26       | 3290-379    | 6    | Tie-Cable         |
| 27       | 104-3730    | 1    | Drain Tube ASM    |
| 28       | 93-9783     | 10   | O-Ring            |
| 30       | 105-4011-03 | 5    | Weight-End        |
| 31       | 2412-109    | 1    | Clip-J            |



Sheet No.:C3  
T-3830

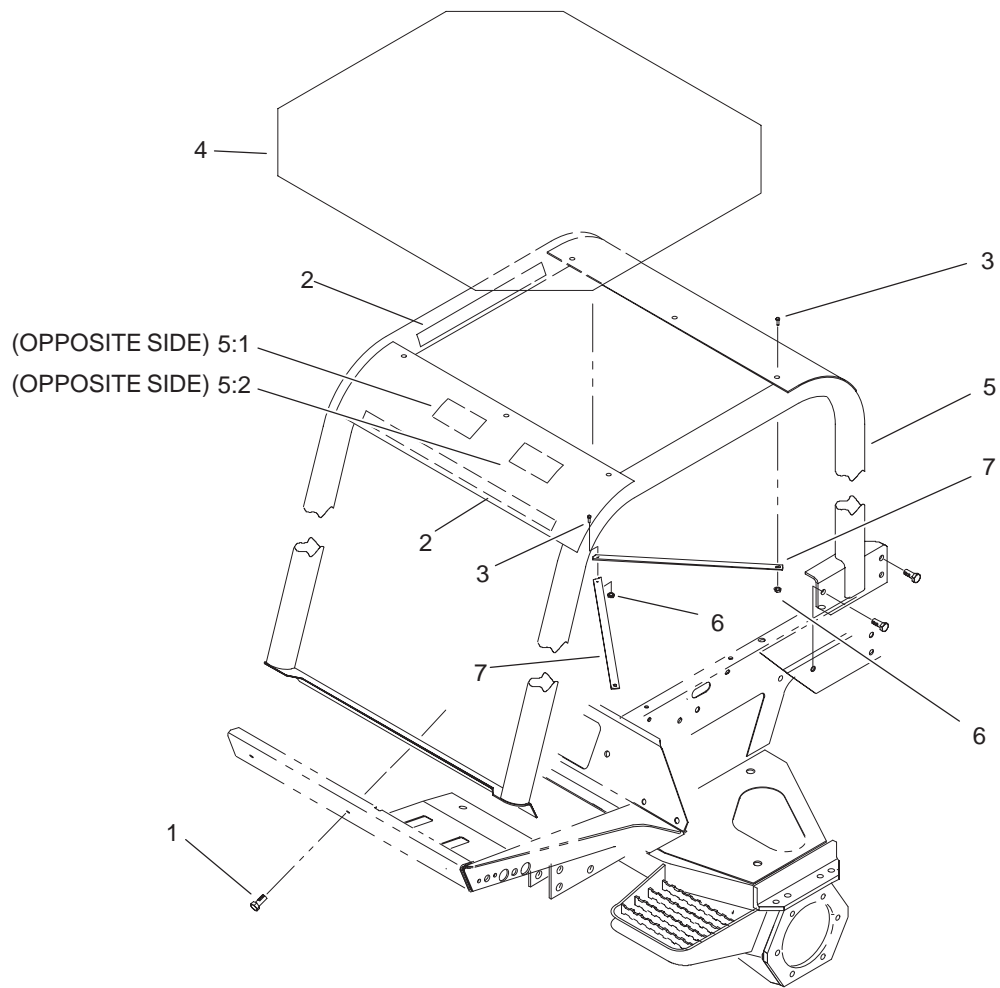
## Hydraulic Motor Assembly No. 98-9999

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 10       | 93-9152  | 1    | Flange Kit      |
| ☆10:1    |          | 1    | Ring-Retaining  |
| ☆10:2    |          | 1    | Seal-Shaft      |
| ☆10:3    |          | 1    | Flange          |
| ☆10:4    |          | 4    | Pin-Dowel       |
| 11       | 98-9997  | 1    | Seal Kit        |
| ☆11:1    |          | 1    | Ring-Retaining  |
| ☆11:2    |          | 1    | Seal-Shaft      |
| ☆11:3    |          | 2    | E-Seal          |
| ☆11:4    |          | 2    | O-Ring          |
| ☆11:5    |          | 2    | O-Ring          |
| 12       | 93-9154  | 1    | Valve Block Kit |
| ☆12:1    |          | 4    | Pin-Dowel       |
| ☆12:2    |          | 1    | Block-Valve     |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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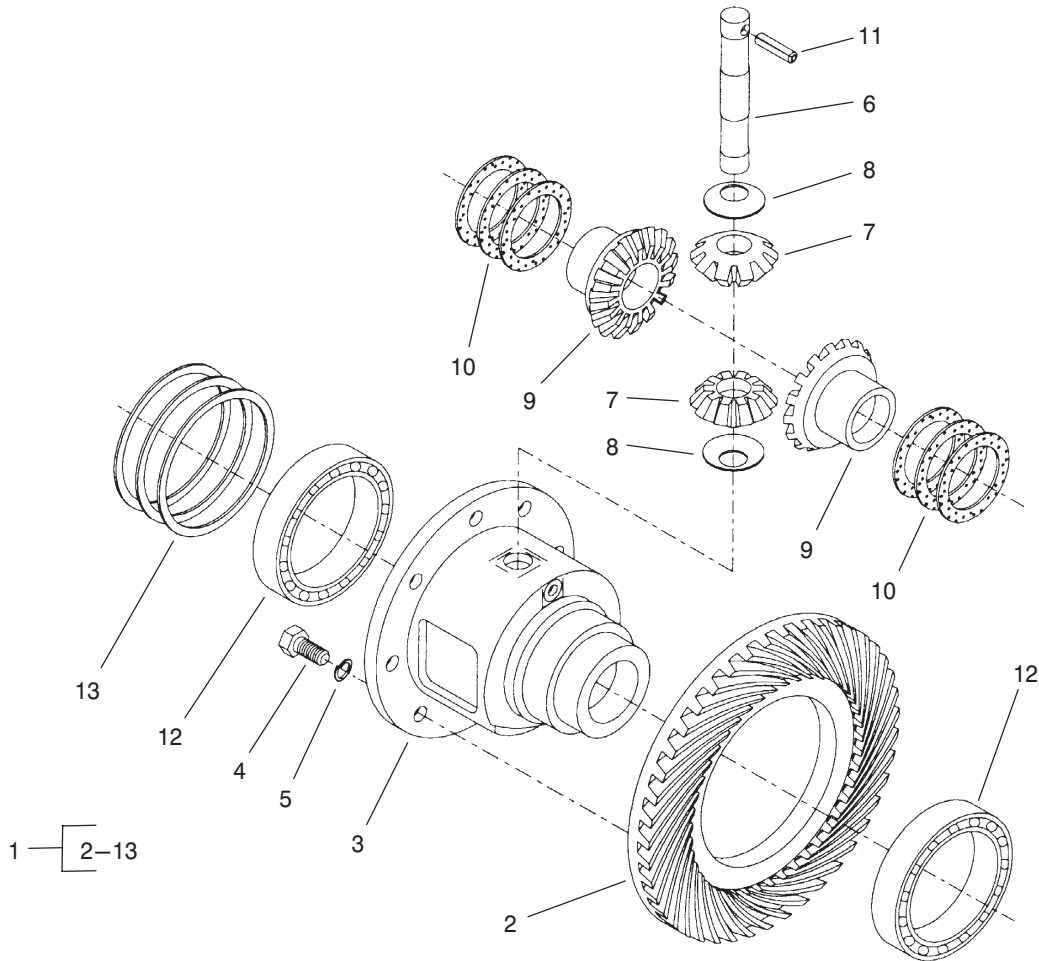
Sheet No.:34

## (ROPS) Roll-Over-Protection-System Assembly (only on: 03807)

| Ref. No. | Part No.  | Qty. | Description      |
|----------|-----------|------|------------------|
| 1        | 33106-035 | 3    | Screw-HHF        |
| 2        | 93-9157   | 4    | Velcro-Hook      |
| 3        | 33104-030 | 5    | Screw-HHF        |
| 4        | 93-9160   | 1    | Cover-Rops       |
| 5        | 94-2643   | 1    | Rops ASM         |
| 5:1      | 93-8050   | 1    | Decal-Roof, Rops |
| 5:2      | 92-7540   | 1    | Decal-Rops       |
| 6        | 33024-00  | 5    | Nut-Lock         |
| 7        | 93-9159   | 2    | Strap-Cover      |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |
|          |          |      |             |
|          |          |      |             |
|          |          |      |             |
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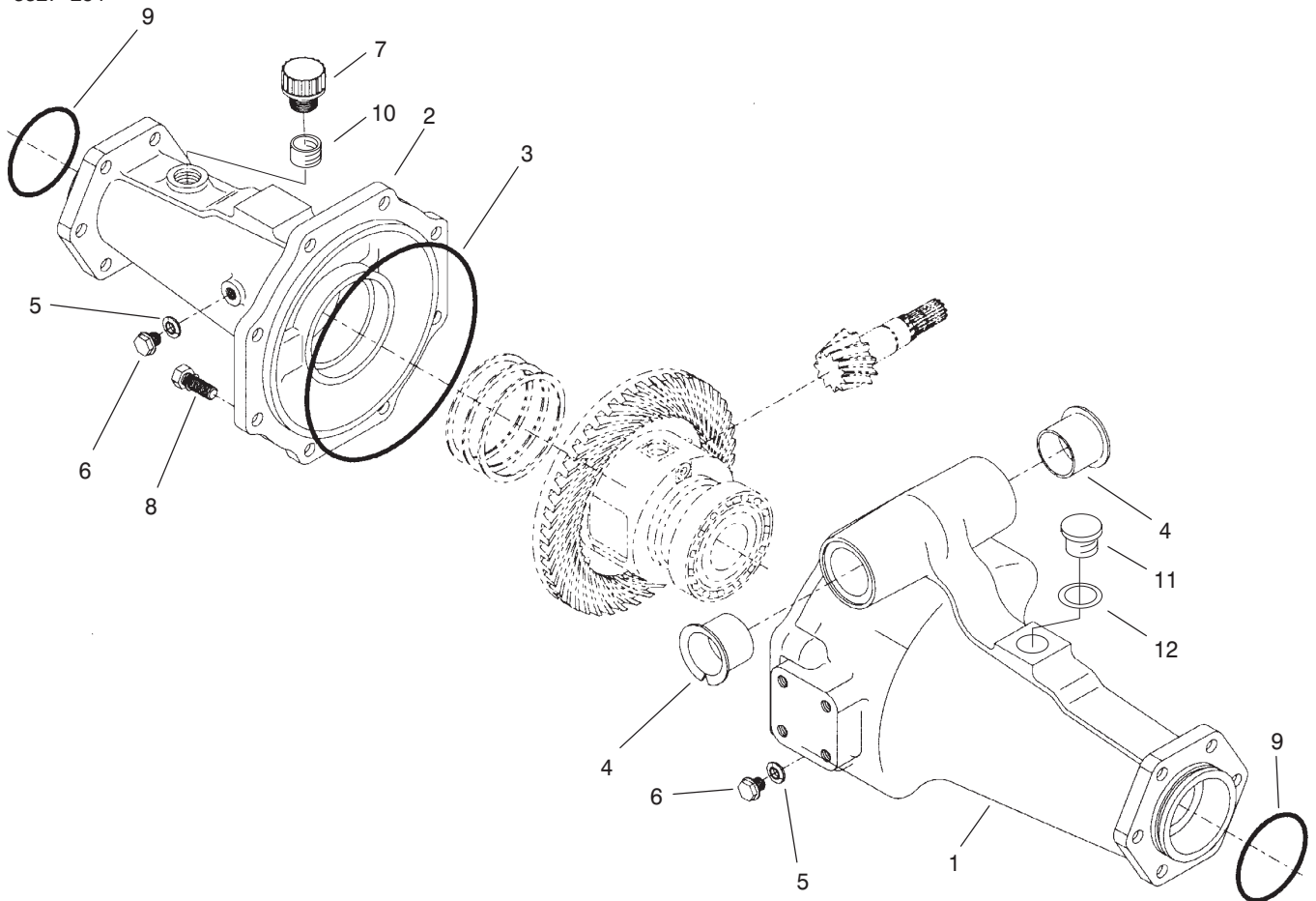


Sheet No.:84  
T-3203-1

## Rear Axle Assembly No. 100-3784 (Continued) Differential Assembly

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 1        | 95-7503  | 1    | Differential ASM               |
| 2        | 100-2555 | 1    | Ring And Pinion<br>Matched Set |
| 3        | 95-7502  | 1    | Case-Differential              |
| 4        | 99-7576  | 8    | Bolt                           |
| 5        | 99-7577  | 8    | Washer-Spring                  |
| 6        | 99-7578  | 1    | Shaft-Differential             |
| 7        | 99-7579  | 2    | Pinion-Differential            |
| 8        | 99-7580  | 2    | Washer-Differential            |
| 9        | 99-7581  | 2    | Gear-Differential              |
| 10       | 99-7582  | 2    | Washer-Differential            |
| 10       | 99-7583  | 2    | Washer-Differential            |
| 10       | 99-7584  | 2    | Washer-Differential            |
| 11       | 99-7588  | 1    | Pin-Spring                     |
| 12       | 99-7562  | 2    | Bearing-Ball                   |
| 13       | 99-7585  | 2    | Shim 0.1                       |
| 13       | 99-7586  | 2    | Shim 0.2                       |
| 13       | 99-7587  | 2    | Shim 0.4                       |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

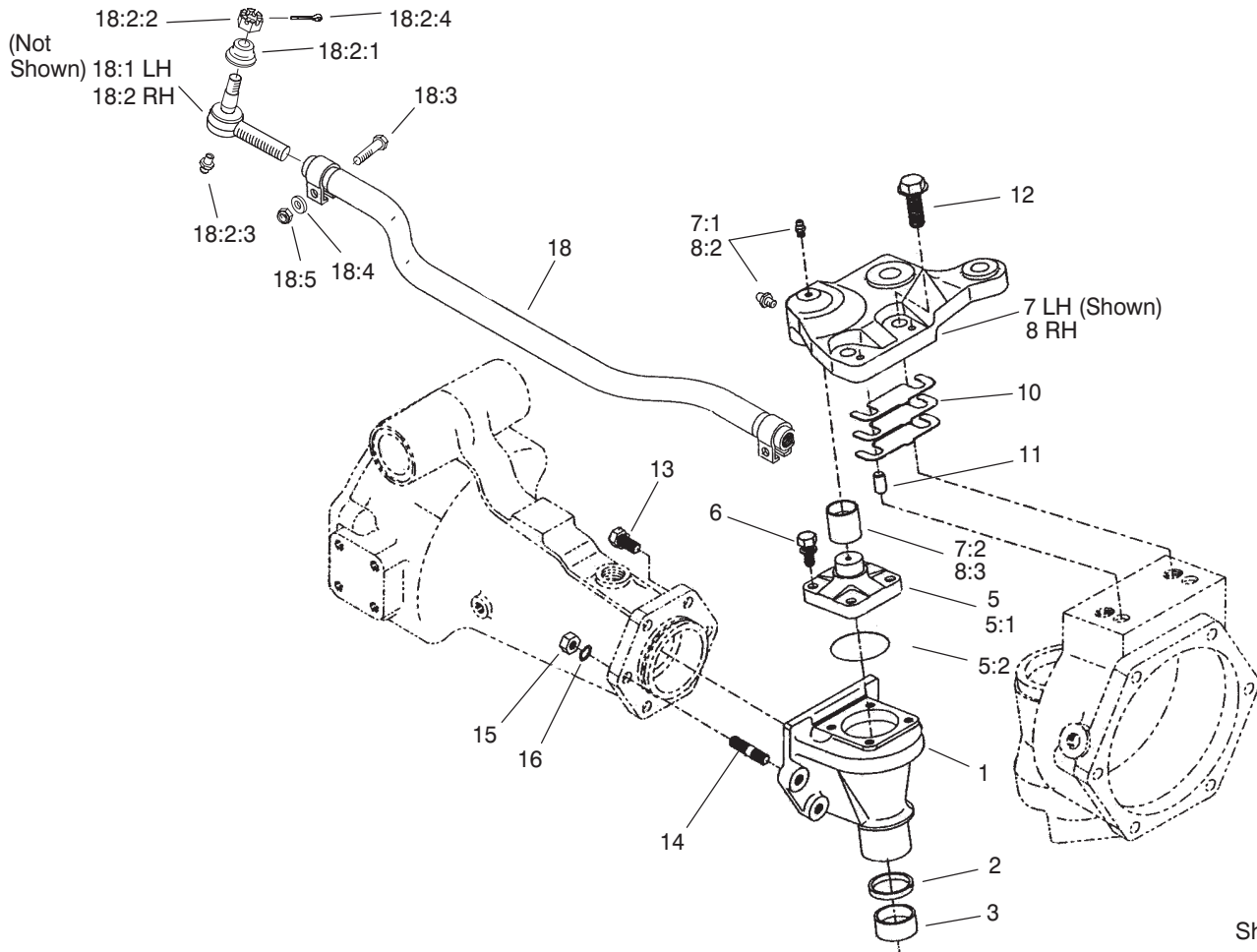


Sheet No.:85  
T-3204-1

## Rear Axle Assembly No. 100-3784 (Continued) Axle Support Assembly

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 1        | 95-7508  | 1    | Support-Axle    |
| 2        | 95-7506  | 1    | Support-Axle    |
| 3        | 95-7507  | 1    | O-Ring          |
| 4        | 95-7537  | 2    | Bushing-Flanged |
| 5        | 99-7590  | 2    | Washer-Seal     |
| 6        | 99-7589  | 2    | Plug            |
| 7        | 99-7591  | 1    | Oil Plug ASM    |
| 8        | 99-7592  | 8    | Bolt            |
| 9        | 99-7593  | 2    | O-Ring          |
| 10       | 104-2377 | 1    | Extension, Vent |
| 11       | 104-8643 | 1    | Plug            |
| 12       | 104-8644 | 1    | O-Ring          |

| Ref. No. | Part No. | Qty. | Description |
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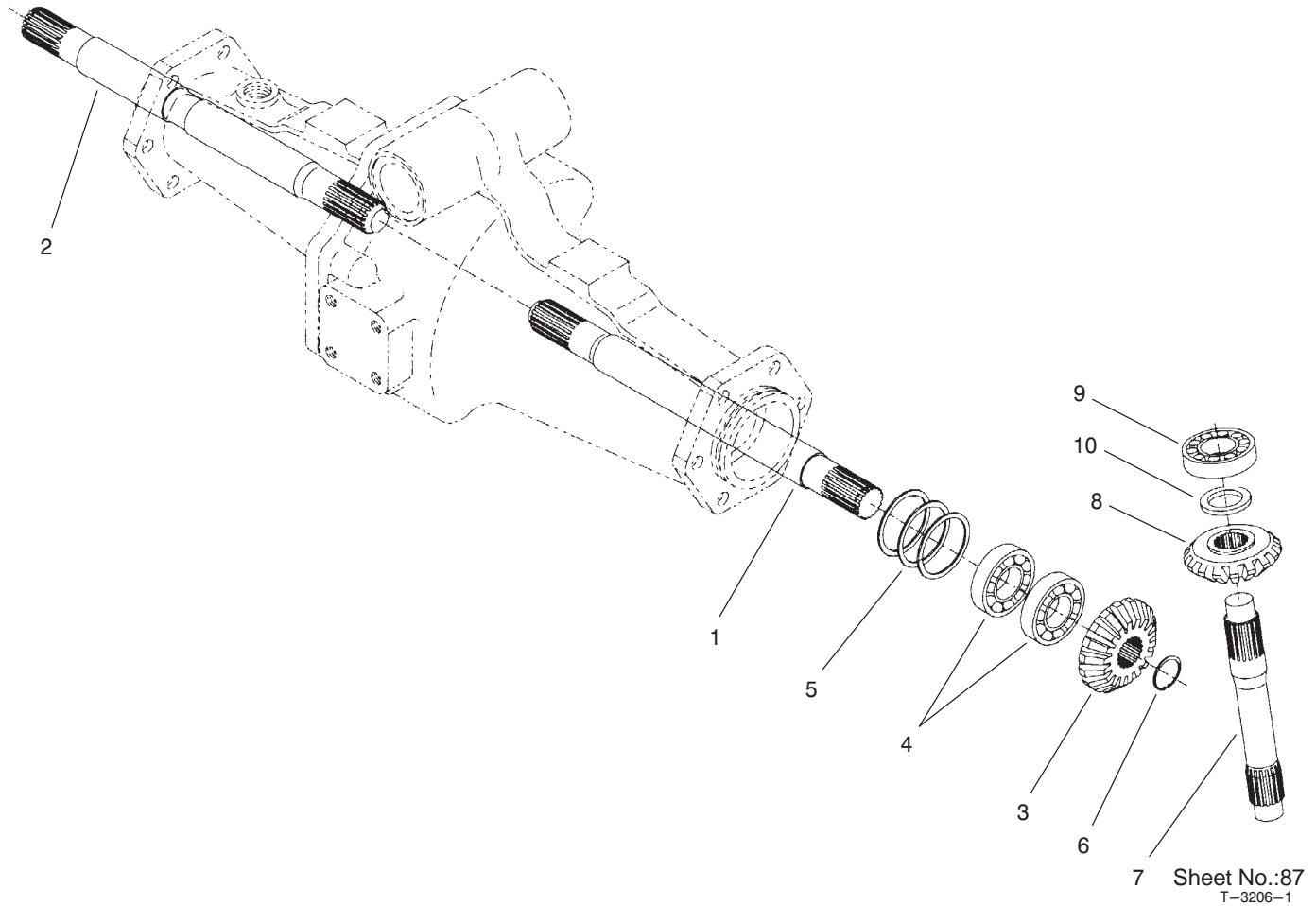
Sheet No.:86  
T-3503

## Rear Axle Assembly No. 100-3784 (Continued) Bevel Gear Case Assembly

| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| 1        | 95-7538  | 2    | Case-Bevel Gear     |
| 2        | 100-2557 | 2    | Seal-Oil            |
| 3        | 104-2378 | 2    | Bushing             |
| 5        | 104-2376 | 2    | Knuckle ASM         |
| 5:1      | 104-2373 | 1    | Knuckle             |
| 5:2      | 104-2372 | 1    | O-Ring              |
| 6        | 104-2374 | 8    | Bolt                |
| 7        | 100-3768 | 1    | LH Steering Arm ASM |
| 7:1      | 302-5    | 2    | Fitting-Grease      |
| 7:2      | 104-8634 | 1    | Bushing             |
| 8        | 100-3766 | 1    | RH Steering Arm ASM |
| 8:2      | 302-5    | 2    | Fitting-Grease      |
| 8:3      | 104-8634 | 1    | Bushing             |
| 10       | 95-7547  | 2    | Shim 0.1            |
| 10       | 95-7548  | 2    | Shim 0.2            |
| 10       | 95-7549  | 2    | Shim 0.4            |
| 11       | 99-7597  | 4    | Pin-Dowel           |
| 12       | 104-2375 | 4    | Bolt                |
| 13       | 99-7599  | 8    | Bolt                |
| 14       | 99-7525  | 4    | Stud                |
| 15       | 99-7526  | 4    | Nut                 |
| 16       | 99-7527  | 4    | Washer-Spring       |
| 18       | 100-3762 | 1    | Tie Rod ASM         |
| *18:1    | 100-3851 | 1    | LH Tie Rod End ASM  |

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| *18:1:1  | 100-3853 | 1    | Cover-Dust         |
| *18:1:2  | 100-3854 | 1    | Nut-Castle         |
| *18:1:3  | 302-5    | 1    | Fitting-Grease     |
| *18:1:4  | 3272-11  | 1    | Pin-Cotter         |
| 18:2     | 100-3852 | 1    | RH Tie Rod End ASM |
| 18:2:1   | 100-3853 | 1    | Cover-Dust         |
| 18:2:2   | 100-3854 | 1    | Nut-Castle         |
| 18:2:3   | 302-5    | 1    | Fitting-Grease     |
| 18:2:4   | 3272-11  | 1    | Pin-Cotter         |
| 18:3     | 100-3855 | 2    | Bolt               |
| 18:4     | 99-7527  | 2    | Washer-Spring      |
| 18:5     | 99-7526  | 2    | Nut                |

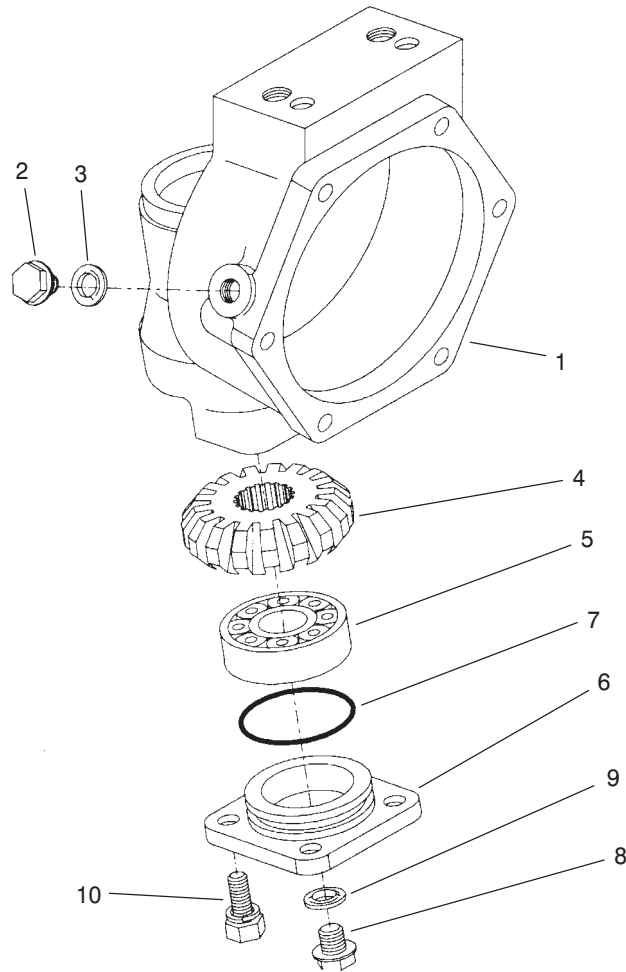
\* Not illustrated



## Rear Axle Assembly No. 100-3784 (Continued) Bevel Gear Shaft Assembly

| Ref. No. | Part No. | Qty. | Description              |
|----------|----------|------|--------------------------|
| 1        | 95-7509  | 1    | Shaft-Gear, Differential |
| 2        | 95-7512  | 1    | Shaft-Gear, Differential |
| 3        | 95-7517  | 2    | Gear-15 Tooth Bevel      |
| 4        | 99-7530  | 4    | Bearing-Ball             |
| 5        | 99-7552  | 2    | Shim 0.1                 |
| 5        | 99-7553  | 2    | Shim 0.2                 |
| 5        | 99-7554  | 2    | Shim 0.5                 |
| 6        | 99-7531  | 2    | Clip                     |
| 7        | 95-7529  | 2    | Shaft-Bevel Gear         |
| 8        | 95-7519  | 2    | Gear-17 Tooth Bevel      |
| 9        | 99-7532  | 2    | Bearing-Taper Roller     |
| 10       | 99-7558  | 2    | Collar                   |

| Ref. No. | Part No. | Qty. | Description |
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Sheet No.:88  
T-3207-1

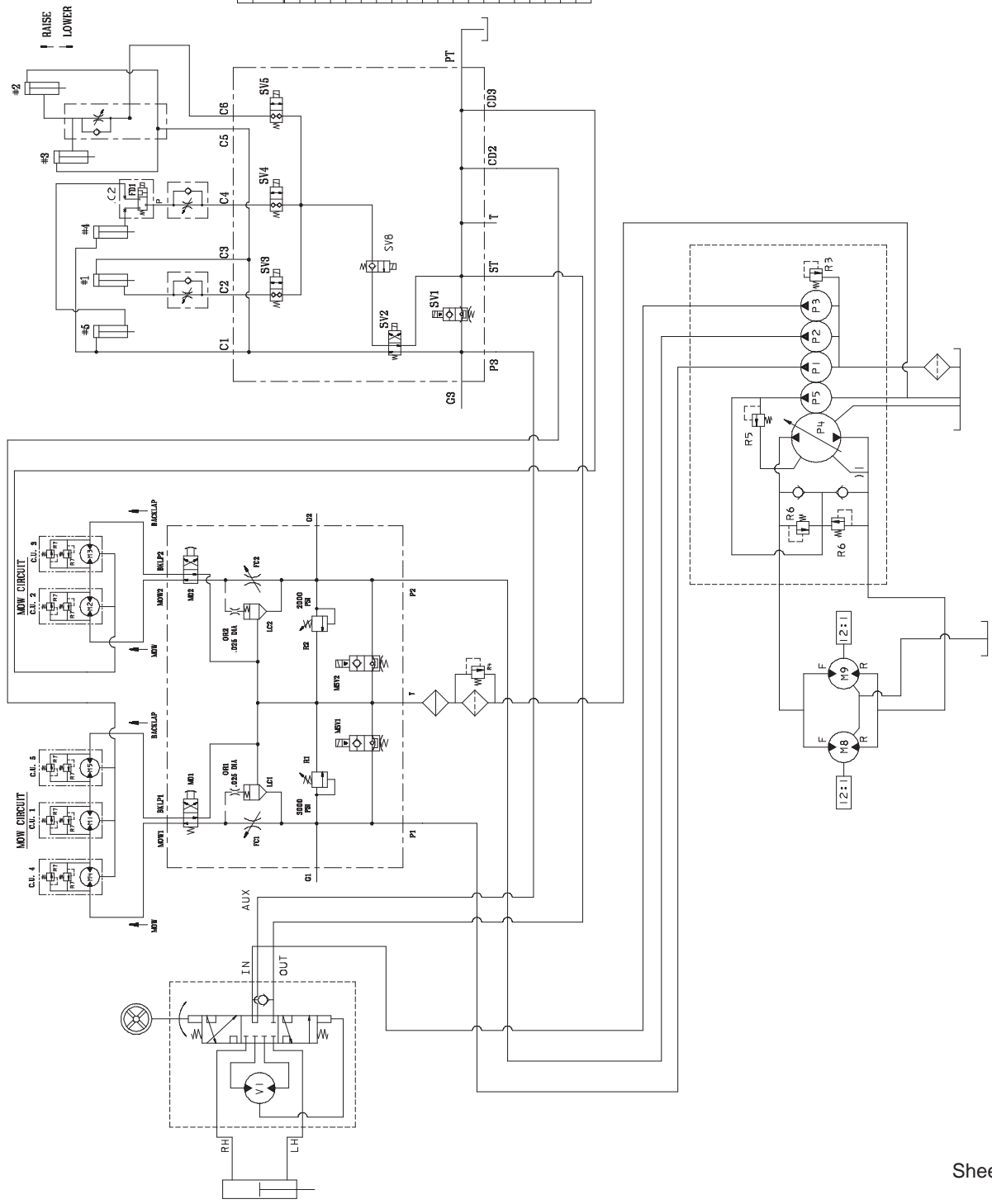
## Rear Axle Assembly No. 100-3784 (Continued) Axle Case Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 1        | 95-7531  | 2    | Case-Axle            |
| 2        | 99-7535  | 2    | Plug                 |
| 3        | 99-7536  | 2    | Washer-Seal          |
| 4        | 95-7527  | 2    | Gear-17 Tooth Bevel  |
| 5        | 99-7532  | 2    | Bearing-Taper Roller |
| 6        | 100-2560 | 2    | Cover                |
| 7        | 100-2561 | 2    | O-Ring               |
| 8        | 99-7589  | 2    | Plug                 |
| 9        | 99-7590  | 2    | Washer-Seal          |
| 10       | 100-2562 | 8    | Bolt                 |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



# 2 Wheel Drive Hydraulic Schematic (Model 03806 Only)

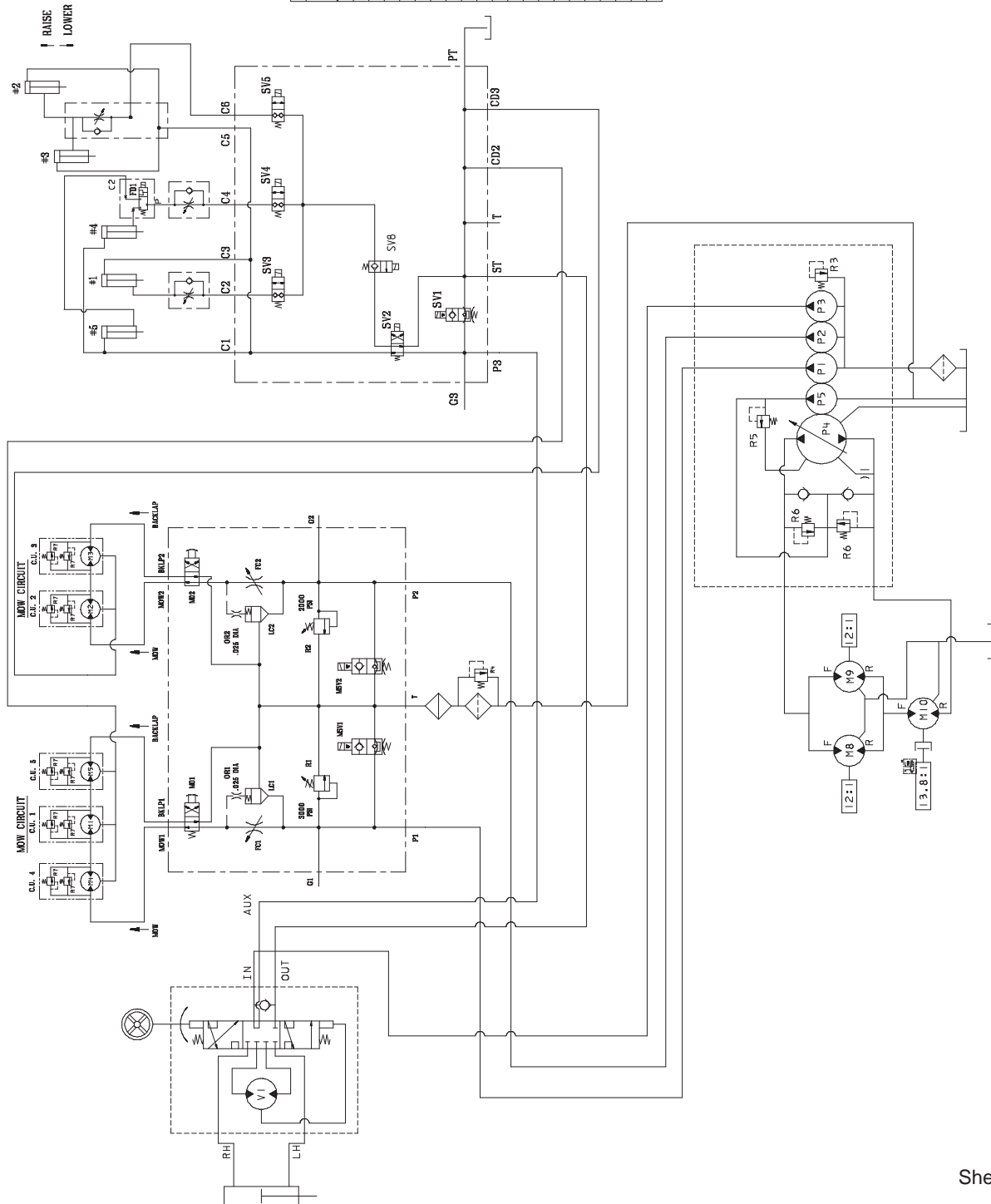


DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

| COMPONENT | DISPLACEMENT<br>in <sup>3</sup> /rev | cm <sup>3</sup> /rev | PRESSURE<br>lbs/in <sup>2</sup> | FLOW RATE * |       |
|-----------|--------------------------------------|----------------------|---------------------------------|-------------|-------|
|           |                                      |                      |                                 | GPM         | LPM   |
| P1        | .66                                  | 10.8                 |                                 | 8.4         | 31.8  |
| P2        | .40                                  | 6.6                  |                                 | 5.1         | 19.3  |
| P3        | 2.48                                 | 40.6                 |                                 | 31.6        | 119.5 |
| M1        | 1.16                                 | 19                   |                                 | 10.7        | 40.5  |
| M2        | 1.16                                 | 19                   |                                 |             |       |
| M3        | 1.16                                 | 19                   |                                 |             |       |
| M4        | 1.16                                 | 19                   |                                 |             |       |
| M5        | 1.16                                 | 19                   |                                 |             |       |
| M8        | 2.01                                 | 32.9                 |                                 |             |       |
| M9        | 2.01                                 | 32.9                 |                                 |             |       |
| V1        | 6.1                                  | 100                  |                                 |             |       |
| R1        |                                      |                      | 3000                            | 207         |       |
| R2        |                                      |                      | 2000                            | 138         |       |
| R3        |                                      |                      | 1500                            | 104         |       |
| R4        |                                      |                      | 50                              | 3.5         |       |
| R5        |                                      |                      | 250                             | 17.2        |       |
| R6        |                                      |                      | 4000                            | 276         |       |
| R7        |                                      |                      | 1500                            | 103         |       |

\* FLOW RATE CALCULATED AT 3000 RPM AND 98% EFFICIENCY.

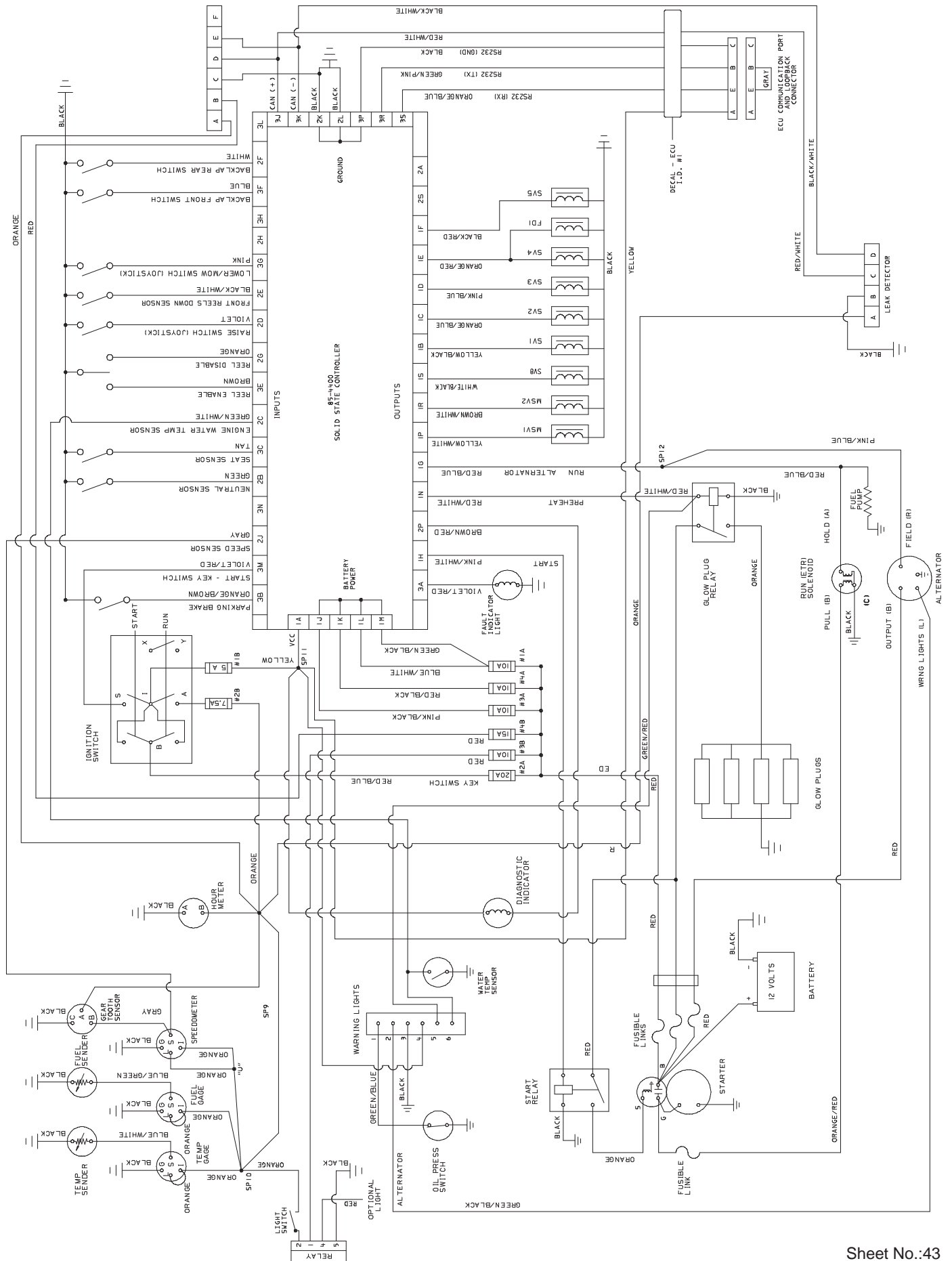
# 4 Wheel Drive Hydraulic Schematic (Model 03807 Only)



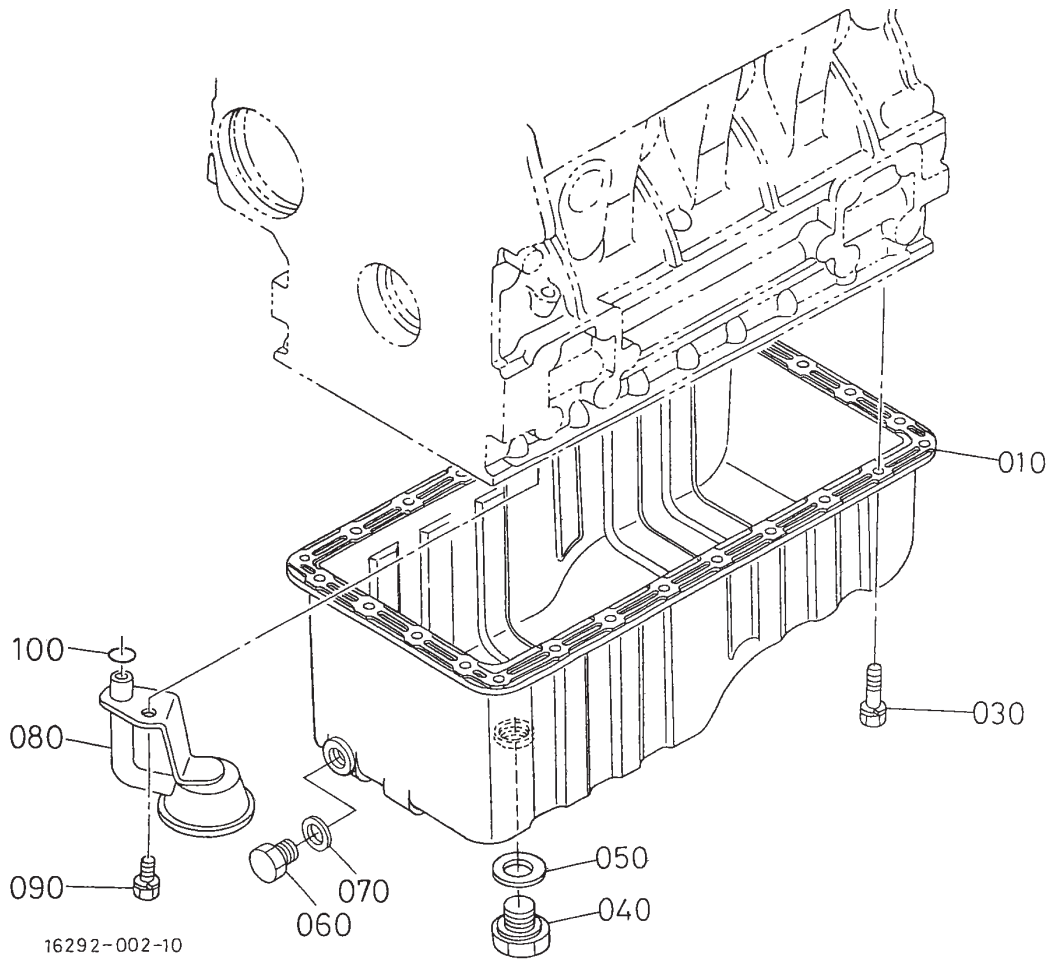
| COMPONENT | DISPLACEMENT         |                      | PRESSURE            |      | FLOW RATE * |       |
|-----------|----------------------|----------------------|---------------------|------|-------------|-------|
|           | in <sup>3</sup> /rev | cm <sup>3</sup> /rev | lbs/in <sup>2</sup> | BARS | GPM         | LPM   |
| P1        | .66                  | 10.8                 |                     |      | 8.4         | 31.8  |
| P2        | .66                  | 10.8                 |                     |      | 8.4         | 31.8  |
| P3        | .40                  | 6.6                  |                     |      | 5.1         | 19.3  |
| P4        | 2.48                 | 40.6                 |                     |      | 31.6        | 119.5 |
| P5        | .84                  | 13.8                 |                     |      | 10.7        | 40.5  |
| M1        | 1.16                 | 19                   |                     |      |             |       |
| M2        | 1.16                 | 19                   |                     |      |             |       |
| M3        | 1.16                 | 19                   |                     |      |             |       |
| M4        | 1.16                 | 19                   |                     |      |             |       |
| M5        | 1.16                 | 19                   |                     |      |             |       |
| M8        | 2.01                 | 32.9                 |                     |      |             |       |
| M9        | 2.01                 | 32.9                 |                     |      |             |       |
| M10       | 2.48                 | 40.6                 |                     |      |             |       |
| V1        | 6.1                  | 100                  |                     |      |             |       |
| R1        |                      |                      | 3000                | 207  |             |       |
| R2        |                      |                      | 2000                | 138  |             |       |
| R3        |                      |                      | 1500                | 104  |             |       |
| R4        |                      |                      | 50                  | 3.5  |             |       |
| R5        |                      |                      | 250                 | 17.2 |             |       |
| R6        |                      |                      | 4000                | 276  |             |       |
| R7        |                      |                      | 1500                | 103  |             |       |

\* FLOW RATE CALCULATED AT 3000 RPM AND 98% EFFICIENCY.

# Electrical Schematic







Sheet No.:52

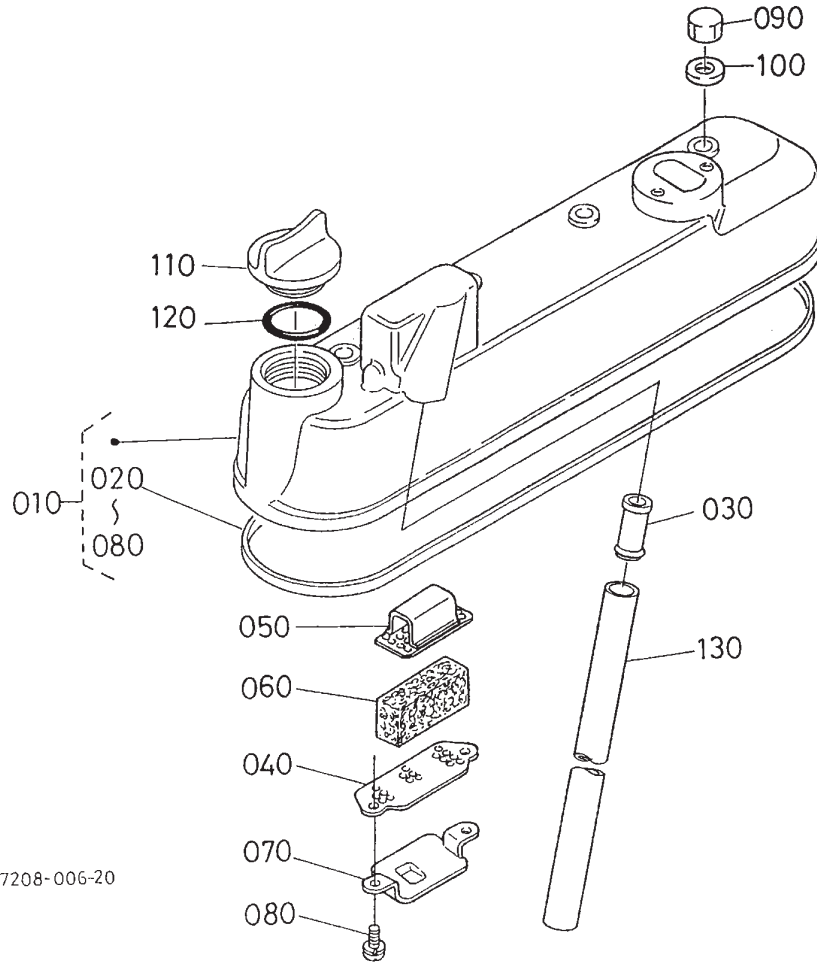
### Oil Pan Assembly

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 010      | 105-3702 | 1    | Pan-Oil, Complete |
| 030      | 98-9350  | 2    | Bolt              |
| 040      | 105-3703 | 1    | Plug-Drain        |
| 050      | 98-9399  | 1    | Gasket            |
| 060      | 98-9386  | 1    | Plug              |
| 070      | 98-7524  | 1    | Gasket            |
| 080      | 105-3704 | 1    | Filter-Oil        |
| 090      | 98-7526  | 1    | Bolt              |
| 100      | 105-3776 | 1    | O-Ring            |

| Ref. No. | Part No. | Qty. | Description |
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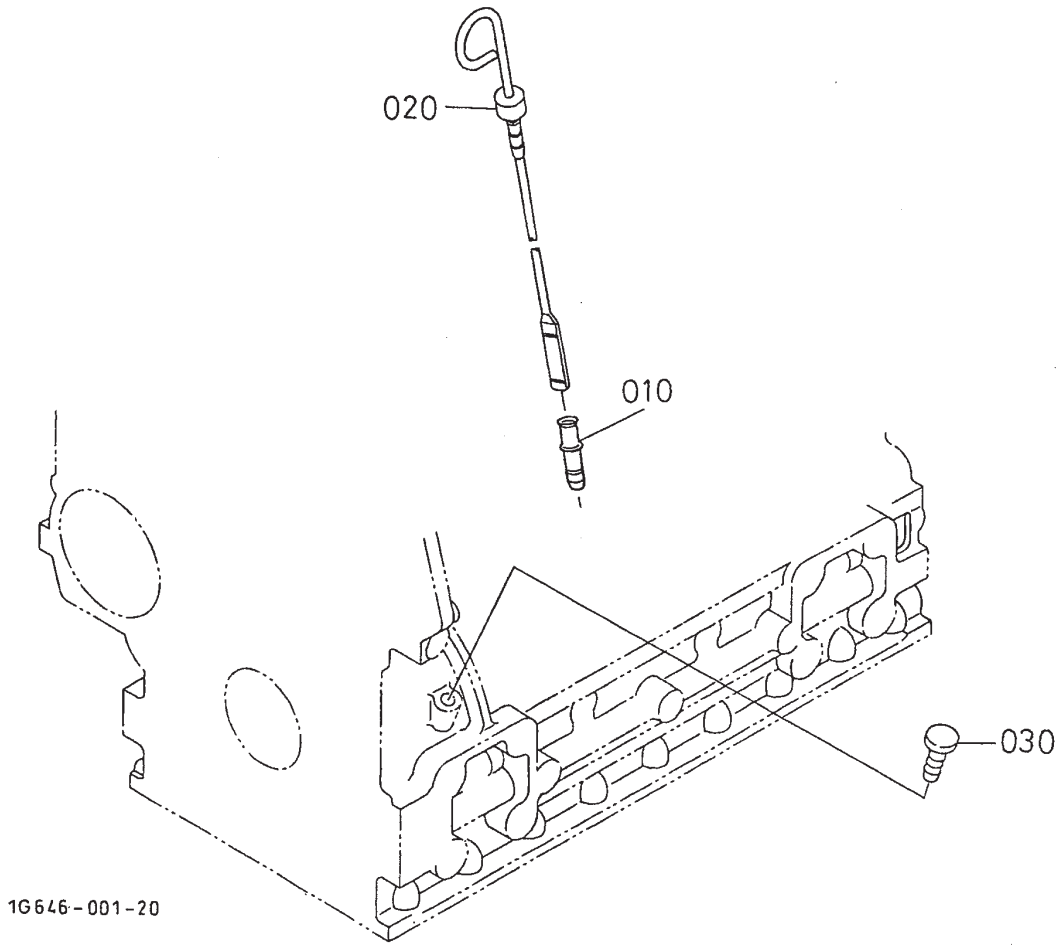


Sheet No.:55

### Head Cover Assembly

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| 010      | 105-3711 | 1    | Cylinder Head Cover<br>ASM |
| 020      | 105-3712 | 1    | Gasket-Cover, Head         |
| 030      | 98-9492  | 1    | Joint-Pipe, Breather       |
| 040      | 98-9488  | 1    | Plate-Element,<br>Breather |
| 050      | 98-9489  | 1    | Plate-Element,<br>Breather |
| 060      | 98-9493  | 1    | Element-Breather           |
| 070      | 98-9490  | 1    | Shield-Oil, Breather       |
| 080      | 98-7421  | 2    | Screw W/Washer             |
| 090      | 98-9455  | 4    | Nut-Cap                    |
| 100      | 98-9454  | 4    | Gasket                     |
| 110      | 98-9449  | 1    | Plug-Filler, Oil           |
| 120      | 99-3446  | 1    | O-Ring                     |
| 130      | 98-9491  | 1    | Pipe-Breather              |

| Ref. No. | Part No. | Qty. | Description |
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Sheet No.:56

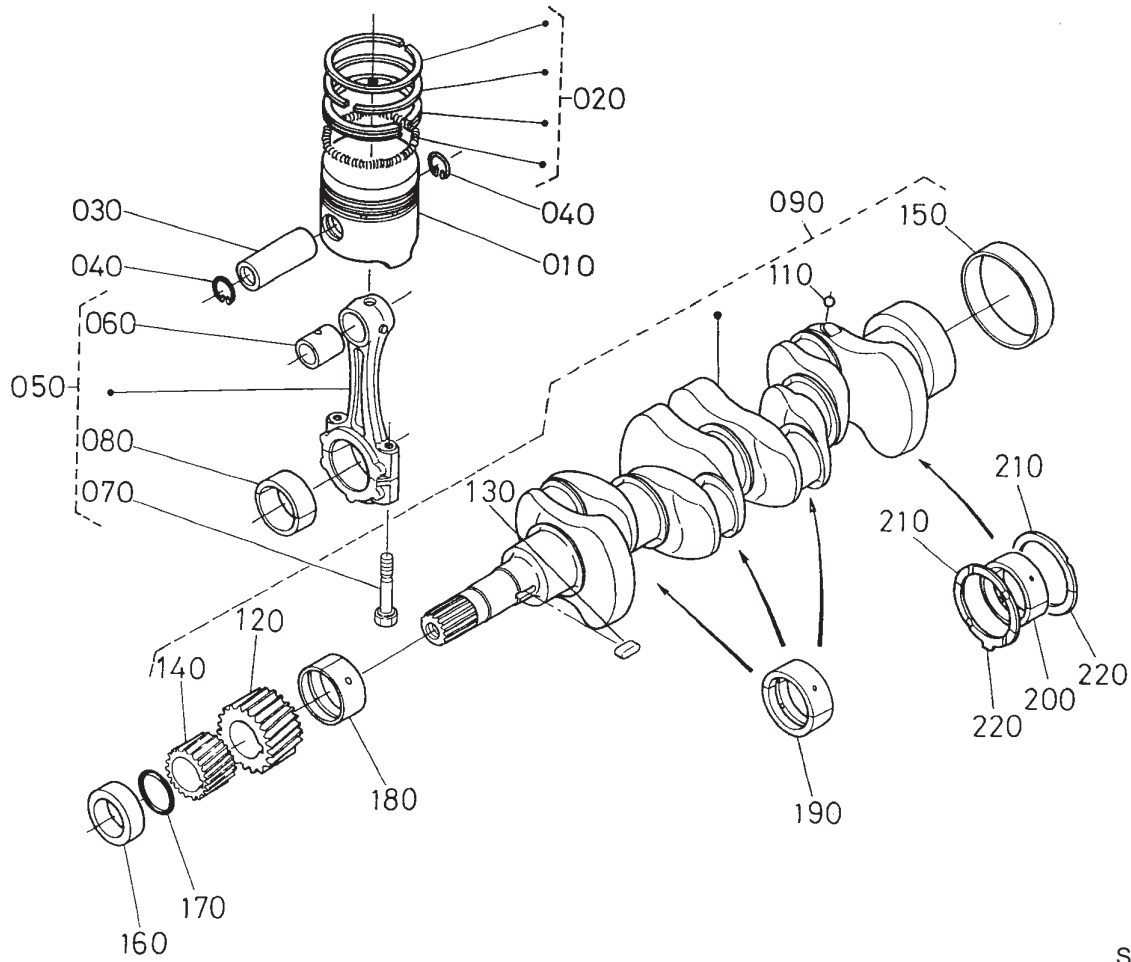
### Dipstick and Guide Assembly

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 010      | 105-3713 | 1    | Guide-Gauge, Oil |
| 020      | 105-3714 | 1    | Gauge-Oil        |
| 030      | 105-3715 | 1    | Plug-Gauge, Oil  |

| Ref. No. | Part No. | Qty. | Description |
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Sheet No.:59

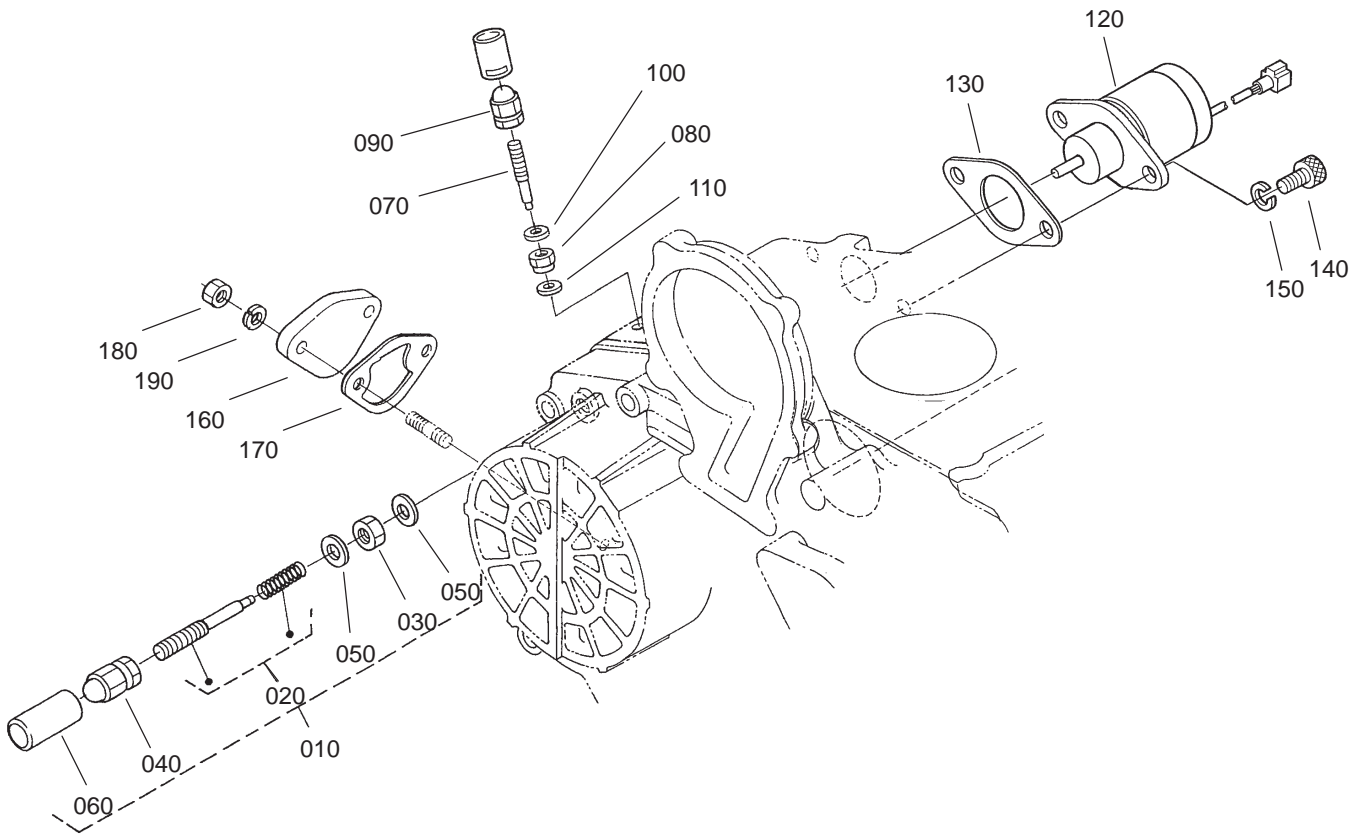
## Piston and Crankshaft Assembly

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 010      | 98-9550  | 4    | Piston - STD              |
| 020      | 98-9551  | 4    | Piston Ring ASM (STD)     |
| 020      | 98-9619  | 4    | Piston Ring ASM (+0.5mm)  |
| 030      | 98-9513  | 4    | Pin-Piston                |
| 040      | 98-9514  | 8    | Clip-Circular, Piston Pin |
| 050      | 98-9552  | 4    | Connecting Rod ASM        |
| 060      | 98-9515  | 4    | Bushing-Pin, Piston       |
| 070      | 98-9517  | 8    | Bolt-Rod, Connecting      |
| 080      | 98-9553  | 4    | Bearing-Rod (STD)         |
| 080      | 98-9519  | 4    | Bearing-Rod (-0.2mm)      |
| 080      | 98-9520  | 4    | Bearing-Rod (-0.4mm)      |
| 090      | 105-3718 | 1    | Crankshaft-Complete       |
| 110      | 98-7473  | 4    | Ball                      |
| 120      | 98-9532  | 1    | Gear-Crankshaft           |
| 130      | 98-9666  | 1    | Key                       |
| 140      | 98-9542  | 1    | Gear-Drive, Oil Pump      |
| 150      | 98-9522  | 1    | Sleeve-Crankshaft         |
| 160      | 98-9521  | 1    | Collar-Crankshaft         |
| 170      | 98-9373  | 1    | O-Ring                    |
| 180      | 98-9529  | 1    | Bearing-Main (-0.4mm)     |

| Ref. No. | Part No. | Qty. | Description                 |
|----------|----------|------|-----------------------------|
| 180      | 98-9528  | 1    | Bearing-Main (-0.2mm)       |
| 180      | 98-9554  | 1    | Bearing-Main (STD)          |
| 190      | 98-9531  | 3    | Bearing-Main (-0.4mm)       |
| 190      | 98-9530  | 3    | Bearing-Main (-0.2mm)       |
| 190      | 98-9524  | 3    | Metal-Crankshaft(STD d.set) |
| 200      | 105-3720 | 1    | Metal-Crankshaft (.4mm)     |
| 200      | 105-3719 | 1    | Metal-Crankshaft (.2mm)     |
| 200      | 98-9556  | 1    | Bearing-Main (STD)          |
| 210      | 98-9415  | 2    | Bearing-Thrust (+0.4mm)     |
| 210      | 98-9414  | 2    | Bearing-Thrust (+0.2mm)     |
| 210      | 99-6864  | 2    | Metal - Side, STD           |
| 220      | 99-6869  | 2    | Metal - Side, O/S 0.4mm     |
| 220      | 99-6868  | 2    | Metal - Side, O/S 0.2mm     |
| 220      | 99-6867  | 2    | Metal - Side, STD           |





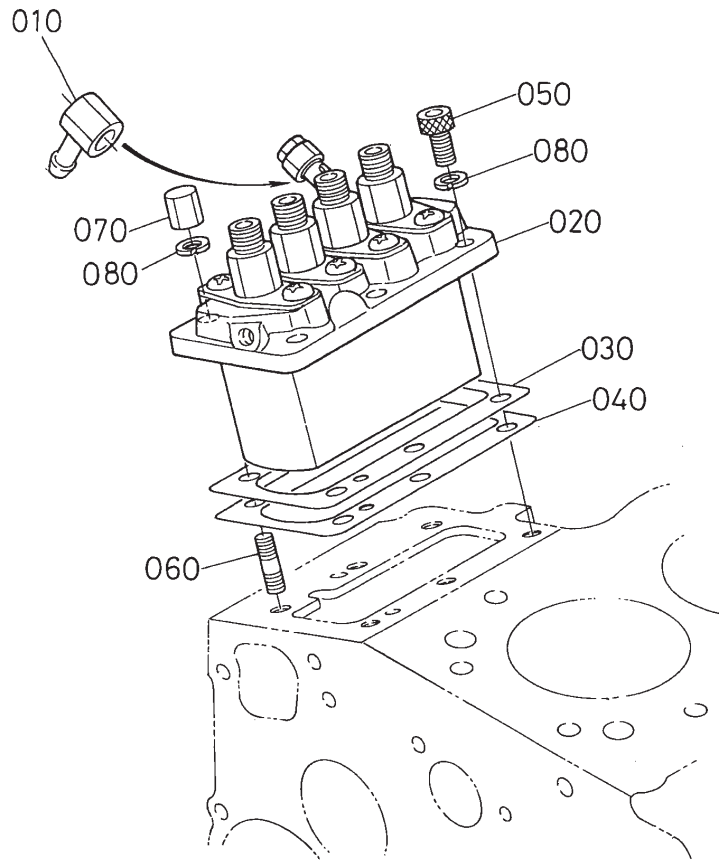


Sheet No.:62

### Idle Apparatus, Stop Solenoid and Cover Assembly

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 010      | 105-3726 | 1    | Idle Apparatus ASM        |
| 020      | 98-9679  | 1    | Adjusting Bolt ASM        |
| 030      | 98-9439  | 1    | Nut                       |
| 040      | 105-3798 | 1    | Nut                       |
| 050      | 98-7654  | 2    | Gasket                    |
| 060      | 98-7656  | 1    | Cap                       |
| 070      | 98-9557  | 1    | Bolt-Adjusting            |
| 080      | 99-3512  | 1    | Nut                       |
| 090      | 105-3798 | 1    | Nut                       |
| 100      | 98-7654  | 1    | Gasket                    |
| 110      | 99-8389  | 1    | Gasket                    |
| 120      | 98-9693  | 1    | Solenoid-Stop             |
| 130      | 98-9683  | 1    | Gasket-Cover,<br>Solenoid |
| 140      | 105-3799 | 2    | Bolt-HSH                  |
| 150      | 98-7699  | 2    | Washer-Spring             |
| 160      | 99-3514  | 1    | Cover                     |
| 170      | 98-9636  | 1    | Gasket-Pump, Fuel         |
| 180      | 98-7572  | 2    | Nut                       |
| 190      | 98-7699  | 2    | Washer-Spring             |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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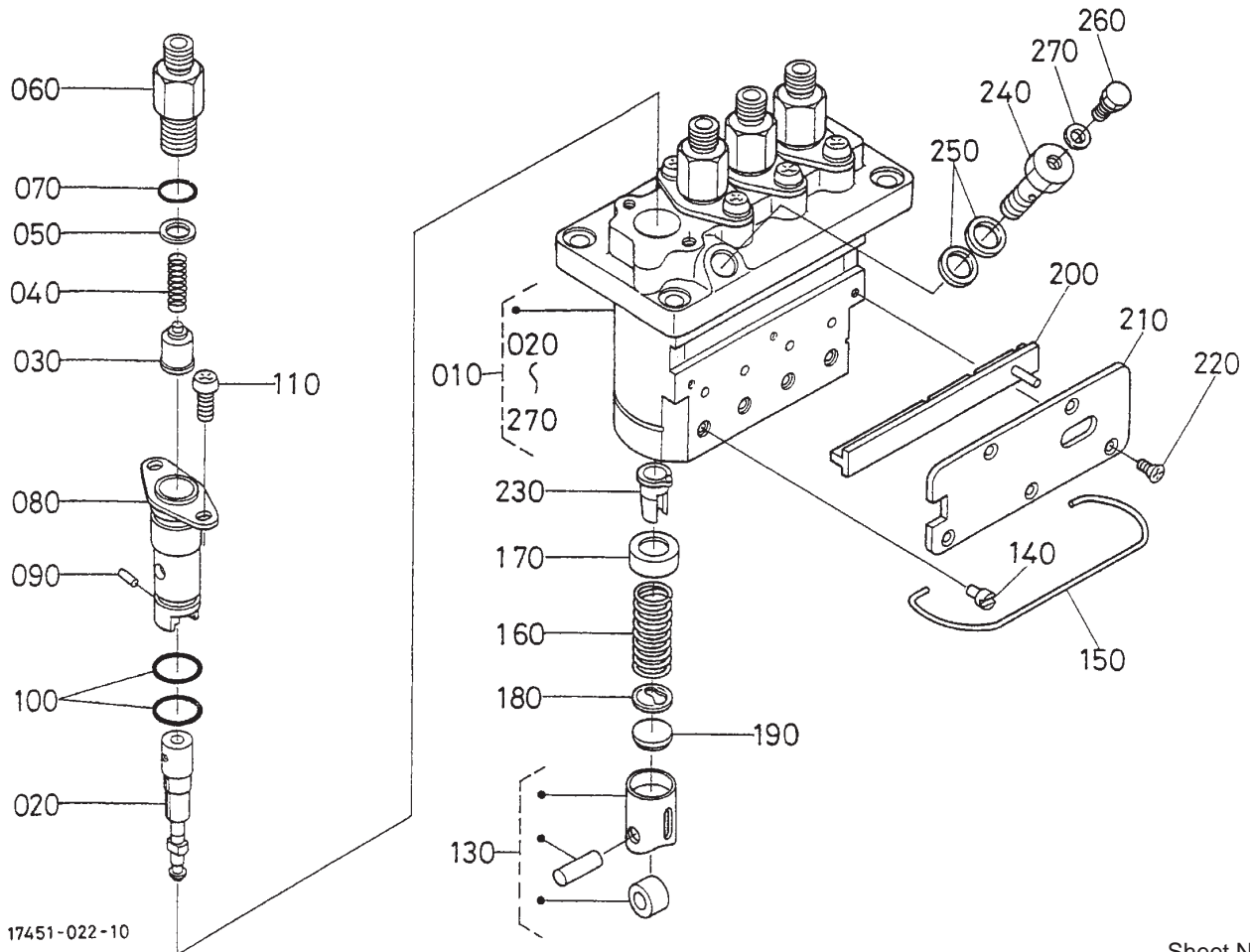


Sheet No.:63

## Injection Pump Assembly

| Ref. No. | Part No. | Qty. | Description                  |
|----------|----------|------|------------------------------|
| 010      | 98-9596  | 1    | Joint-Eye                    |
| 020      | 105-3727 | 1    | Injection Pump ASM           |
| 030      | 105-3729 | 1    | Shim-Pump, Injection (.25mm) |
| 030      | 105-3728 | 1    | Shim-Pump, Injection (.20mm) |
| 040      | 105-3730 | 1    | Shim-Pump, Injection (.30mm) |
| 050      | 98-9361  | 3    | Bolt-HSH                     |
| 060      | 98-9438  | 3    | Stud                         |
| 070      | 98-9440  | 3    | Nut-Cap                      |
| 080      | 98-7699  | 6    | Washer-Spring                |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
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Sheet No.:64

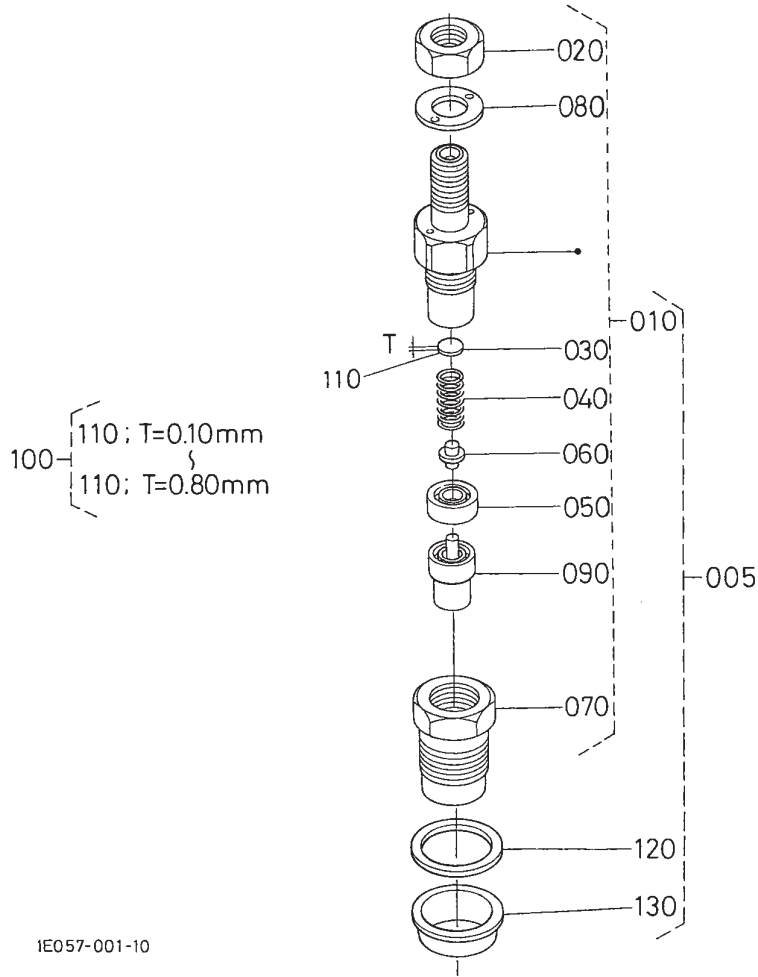
## Injection Pump Component Assembly

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 010      | 105-3727 | 1    | Injection Pump ASM     |
| 020      | 98-9462  | 4    | Element-Pump           |
| 030      | 98-9421  | 4    | Valve-Delivery         |
| 040      | 98-9424  | 4    | Spring-Valve, Delivery |
| 050      | 98-9425  | 4    | Gasket-Valve, Delivery |
| 060      | 98-9652  | 4    | Holder-Valve, Delivery |
| 070      | 98-9447  | 4    | O-Ring                 |
| 080      | 98-9434  | 4    | Flange-Sleeve          |
| 090      | 98-9443  | 4    | Pin-Joint              |
| 100      | 98-9423  | 8    | O-Ring                 |
| 110      | 105-2892 | 8    | Screw                  |
| 130      | 98-9422  | 4    | Tappet ASM             |
| 140      | 98-9426  | 4    | Pin-Guide, Tappet      |
| 150      | 105-3732 | 1    | Pin-Clamp              |
| 160      | 98-9428  | 4    | Spring-Plunger         |
| 170      | 98-9427  | 4    | Seat-Spring, Upper     |
| 180      | 98-9429  | 4    | Seat-Spring, Lower     |
| 190      | 98-9433  | 4    | Shim                   |
| 200      | 105-3733 | 1    | Rack-Control           |
| 210      | 105-3734 | 1    | Plate                  |
| 220      | 98-9442  | 5    | Screw                  |
| 230      | 98-9432  | 4    | Sleeve-Control         |
| 240      | 98-9464  | 1    | Bolt-Joint             |
| 250      | 98-9445  | 2    | Gasket                 |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 260      | 98-9430  | 1    | Screw       |
| 270      | 98-9446  | 1    | Gasket      |







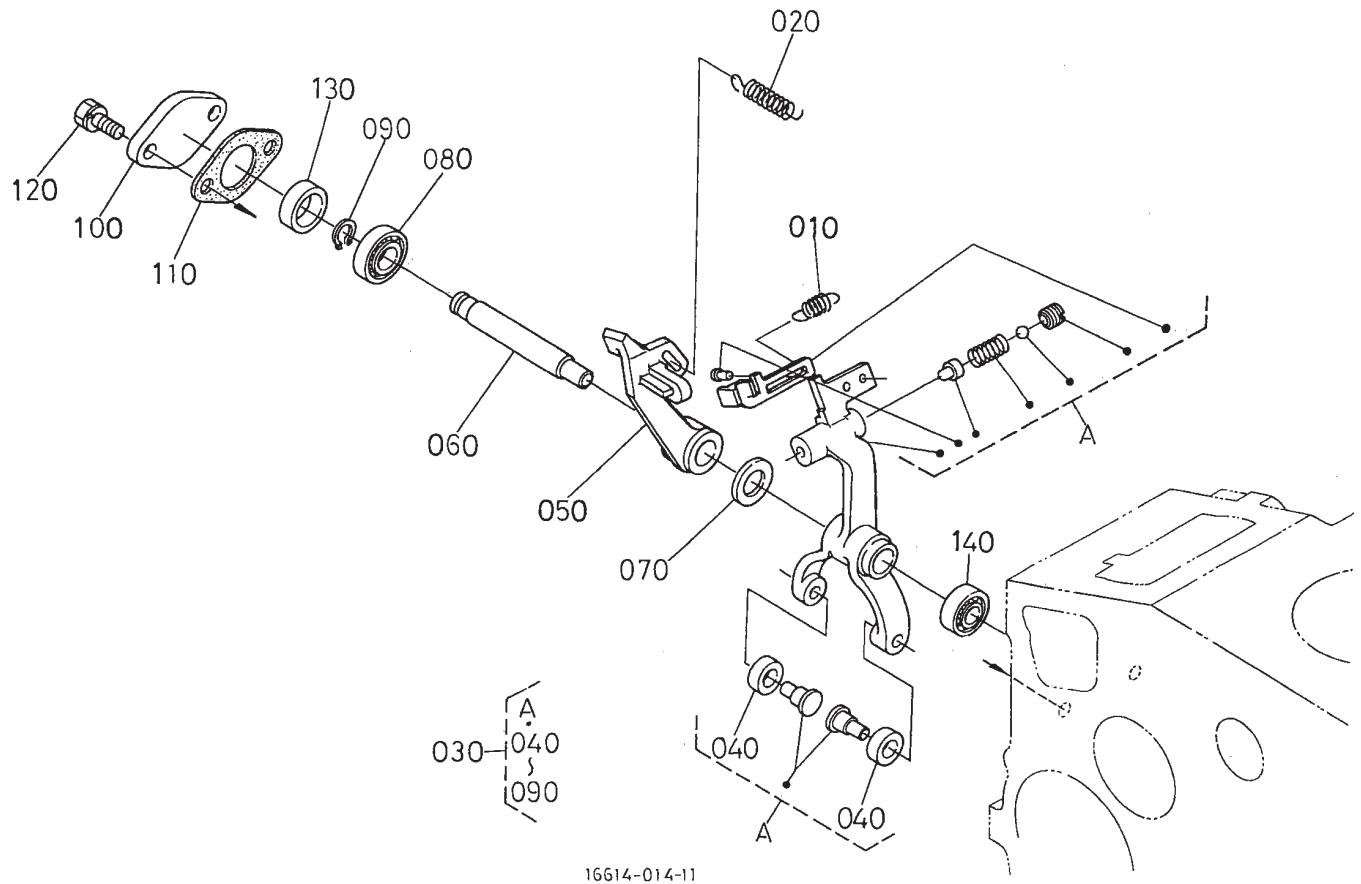
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Sheet No.:67

## Nozzle Holder Component Assembly

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 005      | 105-3740 | 4    | Kit-Holder, Nozzle        |
| 010      | 98-9468  | 4    | Nozzle Holder ASM         |
| 020      | 99-8301  | 4    | Nut                       |
| 030      | 99-8302  | 4    | Washer-Adjusting          |
| 040      | 99-8303  | 4    | Spring - Nozzle           |
| 050      | 99-8304  | 4    | Spacer - Distance         |
| 060      | 99-8305  | 4    | Rod-Push                  |
| 070      | 99-8306  | 4    | Nut - Nozzle              |
| 080      | 99-8307  | 4    | Washer-Plain              |
| 090      | 99-8308  | 4    | Piece - Nozzle            |
| 100      | 99-8309  | 4    | Adjusting Washer ASM      |
| 110      | 99-8315  | 4    | Washer-Adjust<br>(0.52mm) |
| 110      | 99-8316  | 4    | Washer-Adjust<br>(0.54mm) |
| 110      | 99-8317  | 4    | Washer-Adjust<br>(0.56mm) |
| 110      | 99-8318  | 4    | Washer-Adjust<br>(0.58mm) |
| 110      | 99-8319  | 4    | Washer-Adjust<br>(0.80mm) |
| 110      | 99-8310  | 4    | Washer-Adjust<br>(0.10mm) |
| 110      | 99-8311  | 4    | Washer-Adjust<br>(0.20mm) |

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 110      | 99-8312  | 4    | Washer-Adjust<br>(0.30mm) |
| 110      | 99-8313  | 4    | Washer-Adjust<br>(0.40mm) |
| 110      | 99-8314  | 4    | Washer-Adjust<br>(0.50mm) |
| 120      | 98-7676  | 4    | Gasket                    |
| 130      | 98-7677  | 4    | Seal                      |



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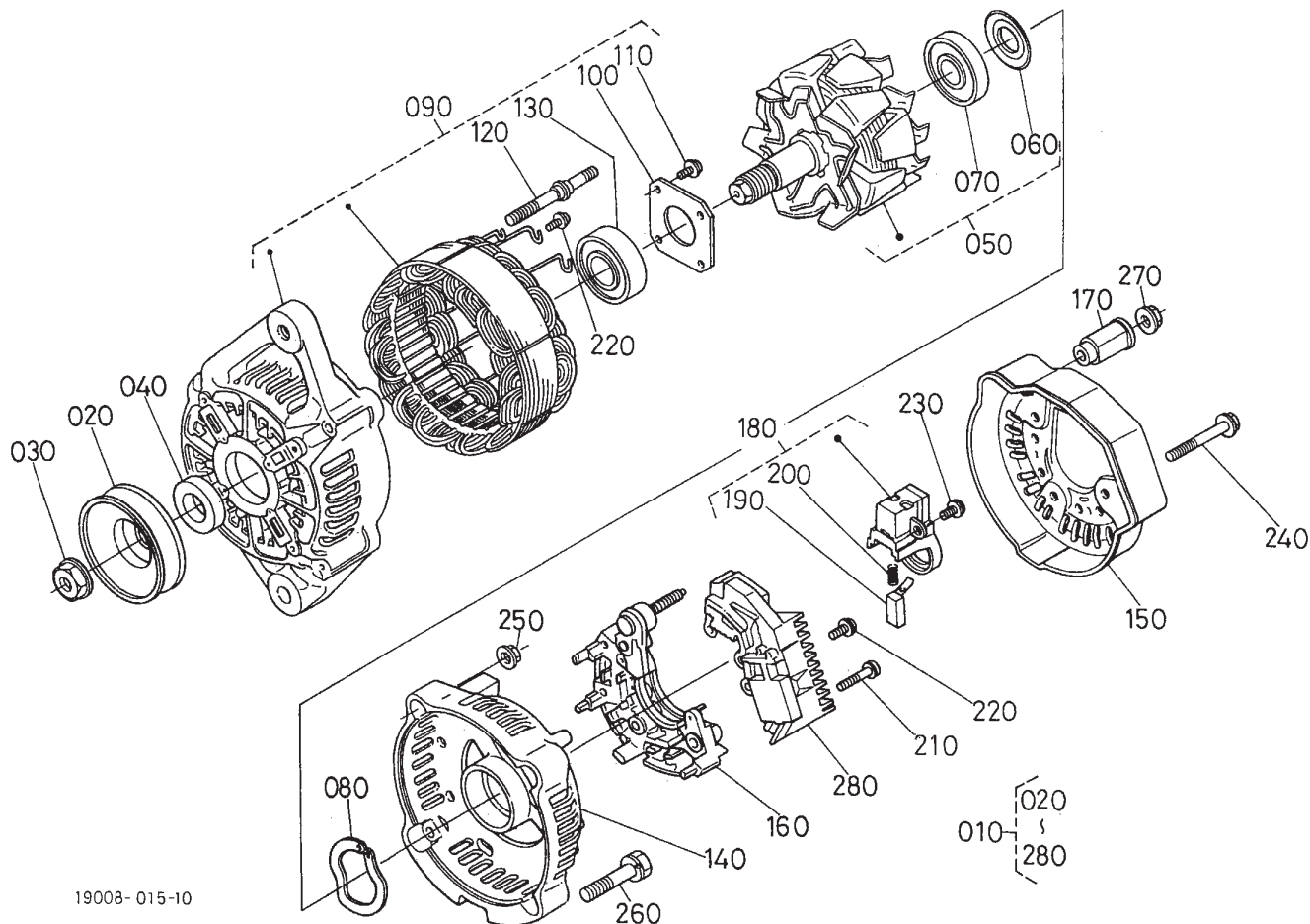
Sheet No.:68

## Fork Lever (Governor) Assembly

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| 010      | 105-3741 | 1    | Spring-Start               |
| 020      | 98-9681  | 1    | Spring-Governor            |
| 030      | 105-3742 | 1    | Fork Lever ASM             |
| 040      | 98-9692  | 2    | Roller                     |
| 050      | 105-3743 | 1    | Lever-Fork                 |
| 060      | 98-9566  | 1    | Shaft-Lever, Fork          |
| 070      | 98-9593  | 1    | Washer-Plain               |
| 080      | 98-9570  | 1    | Bearing-Miniaturize        |
| 090      | 98-9369  | 1    | Clip-Circular, External    |
| 100      | 98-9569  | 1    | Cover-Shaft, Fork<br>Lever |
| 110      | 98-9682  | 1    | Gasket                     |
| 120      | 98-9351  | 2    | Bolt                       |
| 130      | 98-9567  | 1    | Collar                     |
| 140      | 98-9571  | 1    | Bearing-Miniaturize        |

| Ref. No. | Part No. | Qty. | Description |
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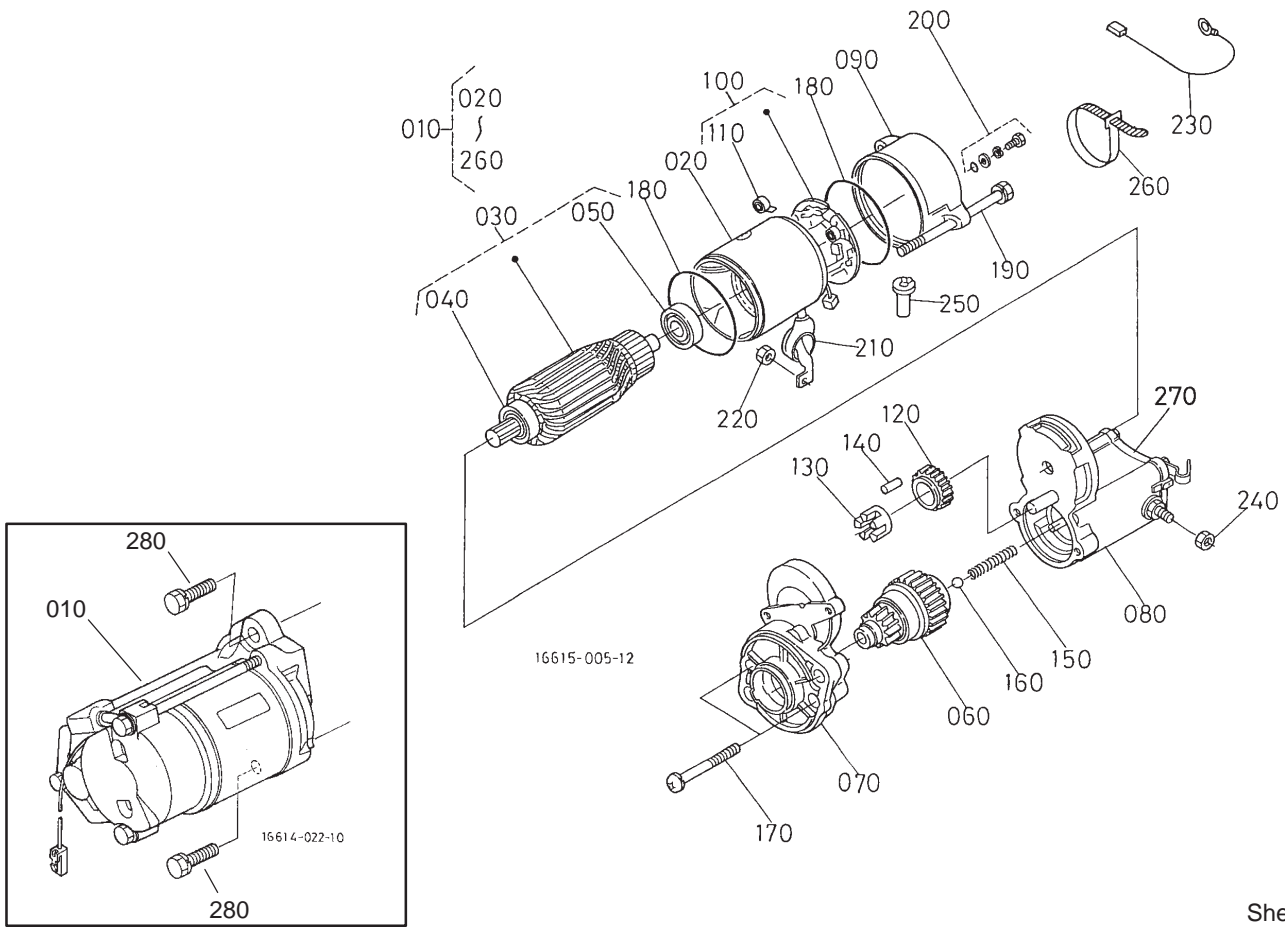
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## Alternator Component Assembly

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 010      | 98-9474  | 1    | Alternator ASM     |
| 020      | 98-9453  | 1    | Pulley-Dynamo      |
| 030      | 98-7708  | 1    | Nut                |
| 040      | 98-7709  | 1    | Collar             |
| 050      | 98-7710  | 1    | Rotor              |
| 060      | 98-7711  | 1    | Cover-Bearing      |
| 070      | 98-7712  | 1    | Bearing-Ball       |
| 080      | 98-7713  | 1    | Washer-Thrust      |
| 090      | 98-7714  | 1    | Frame-End, Drive   |
| 100      | 98-7715  | 1    | Plate-Retainer     |
| 110      | 98-7716  | 4    | Screw-Head, Round  |
| 120      | 98-7717  | 2    | Bolt-Through       |
| 130      | 98-7718  | 1    | Bearing-Ball       |
| 140      | 98-7719  | 1    | Frame-End          |
| 150      | 98-7720  | 1    | Cover-End          |
| 160      | 98-7721  | 1    | Rectifier ASM      |
| 170      | 98-7722  | 1    | Bushing-Insulation |
| 180      | 98-7723  | 1    | Holder-Brush       |
| 190      | 98-7724  | 2    | Brush              |
| 200      | 98-7725  | 2    | Spring-Brush       |
| 210      | 98-7726  | 2    | Screw-Head, Round  |
| 220      | 98-7727  | 6    | Screw-Head, Round  |
| 230      | 98-7728  | 1    | Screw-Head, Round  |
| 240      | 98-7729  | 3    | Bolt               |
| 250      | 98-7730  | 2    | Nut                |
| 260      | 98-7731  | 2    | Bolt               |

| Ref. No. | Part No. | Qty. | Description   |
|----------|----------|------|---------------|
| 270      | 98-7732  | 1    | Nut           |
| 280      | 98-7733  | 1    | Regulator ASM |



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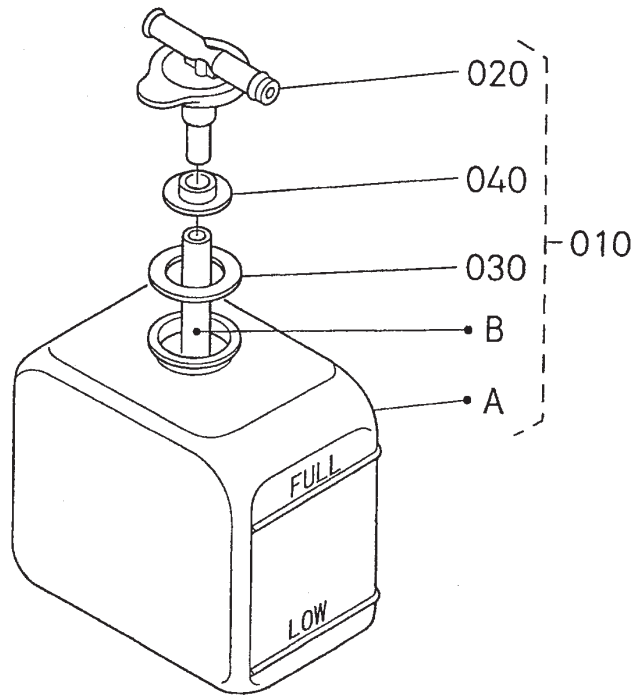
## Starter Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 010      | 98-9705  | 1    | Starter ASM          |
| 020      | 104-8608 | 1    | Yoke ASM             |
| 030      | 98-7742  | 1    | Armature ASM         |
| 040      | 98-7744  | 1    | Bearing              |
| 050      | 98-7743  | 1    | Bearing              |
| 060      | 99-8373  | 1    | Clutch-Running, Over |
| 070      | 99-8374  | 1    | Frame-End, Drive     |
| 080      | 105-3746 | 1    | Magnetic Switch ASM  |
| 090      | 98-7748  | 1    | Frame-End            |
| 100      | 98-7749  | 1    | Brush Holder ASM     |
| 110      | 98-7750  | 4    | Spring-Brush         |
| 120      | 98-7751  | 1    | Gear                 |
| 130      | 98-7752  | 1    | Retainer             |
| 140      | 98-7753  | 5    | Roller               |
| 150      | 98-7754  | 1    | Spring               |
| 160      | 98-7755  | 1    | Ball                 |
| 170      | 98-7756  | 2    | Bolt                 |
| 180      | 98-7757  | 2    | O-Ring               |
| 190      | 100-9240 | 2    | Bolt                 |
| 200      | 98-7758  | 2    | Bolt ASM             |
| 210      | 99-8375  | 1    | Cover                |
| 220      | 99-8371  | 1    | Nut-Hex              |
| 230      | 98-9711  | 1    | Cord-Solenoid, Stop  |
| 240      | 99-8376  | 1    | Nut-Hex              |
| 250      | 98-7759  | 1    | Pipe-Drain           |
| 260      | 98-9712  | 1    | Band-Cover           |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 270      | 105-2886 | 1    | Cover ASM   |
| 280      | 98-7697  | 2    | Bolt        |







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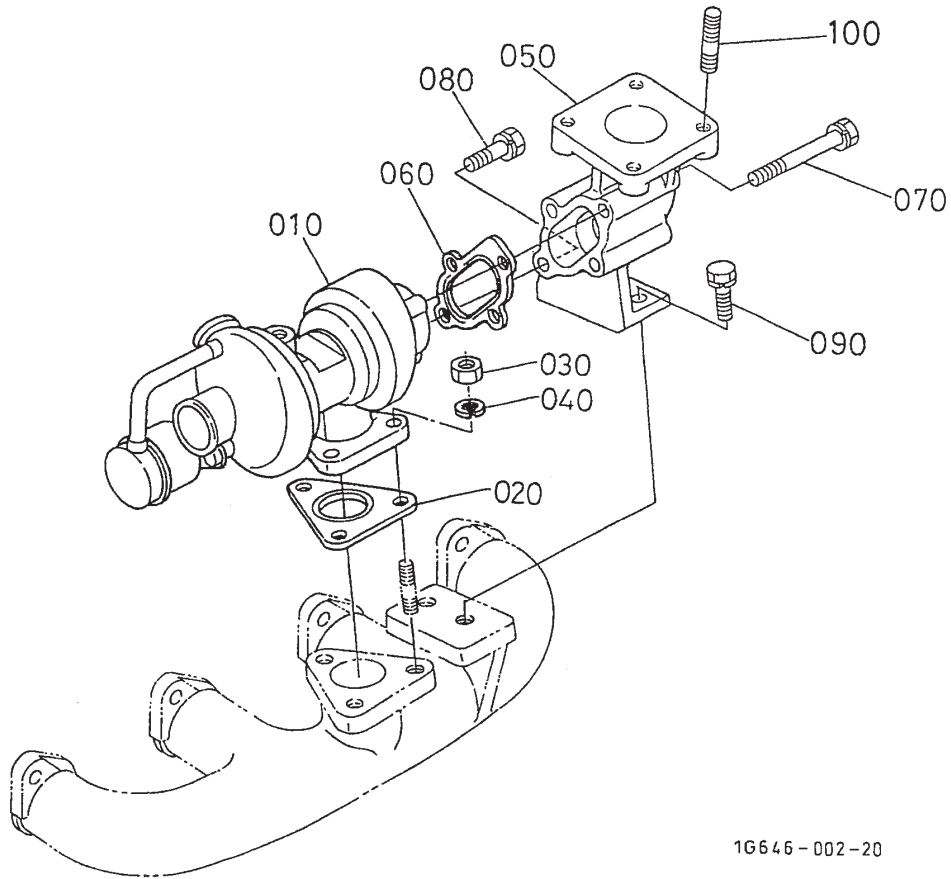
### Reserve Tank Assembly

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 010      | 105-3753 | 1    | Reserve Tank ASM |
| 020      | 105-3754 | 1    | Cap              |
| 030      | 105-3755 | 1    | Gasket           |
| 040      | 105-3756 | 1    | Plate            |

| Ref. No. | Part No. | Qty. | Description |
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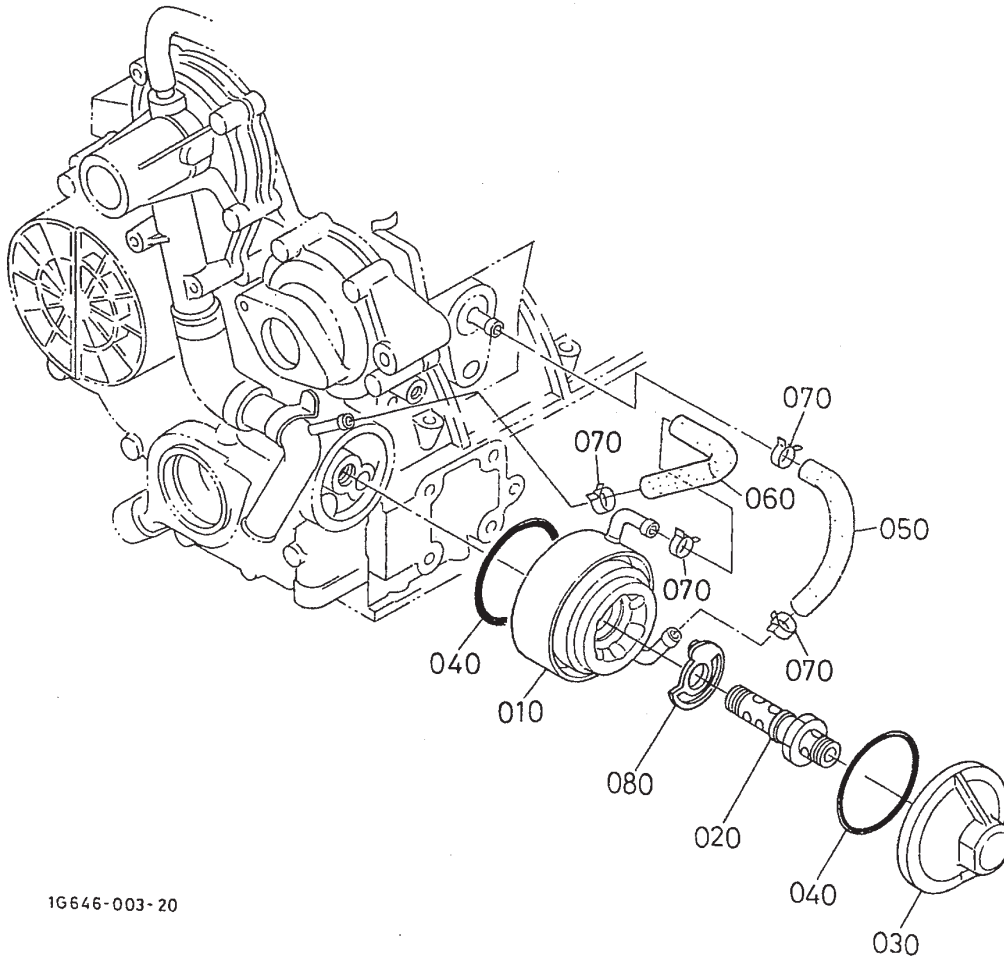
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## Turbo Charger Assembly

| Ref. No. | Part No. | Qty. | Description           | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-----------------------|----------|----------|------|-------------|
| 010      | 105-3766 | 1    | Turbo Charger ASM     |          |          |      |             |
| 020      | 105-3767 | 1    | Gasket                |          |          |      |             |
| 030      | 100-1559 | 3    | Nut-Manifold, Exhaust |          |          |      |             |
| 040      | 105-2893 | 3    | Washer-Spring         |          |          |      |             |
| 050      | 99-8335  | 1    | Flange-Muffler        |          |          |      |             |
| 060      | 105-3768 | 1    | Gasket                |          |          |      |             |
| 070      | 105-2894 | 3    | Bolt                  |          |          |      |             |
| 080      | 105-2895 | 1    | Bolt                  |          |          |      |             |
| 090      | 98-7610  | 2    | Bolt                  |          |          |      |             |
| 100      | 98-7769  | 4    | Stud                  |          |          |      |             |





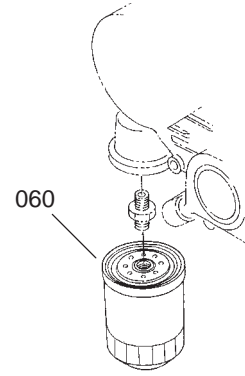
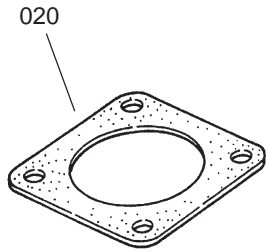
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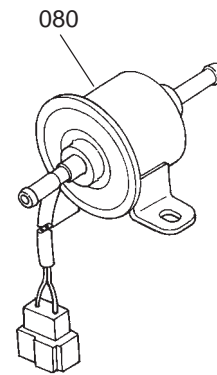
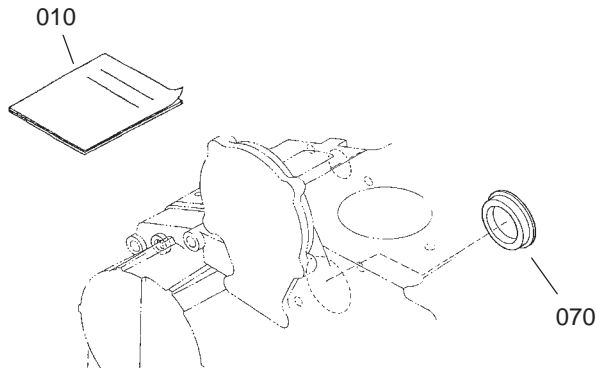
### Oil Cooler Assembly

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 010      | 98-9728  | 1    | Oil Cooler ASM     |
| 020      | 105-3772 | 1    | Holder ASM         |
| 030      | 105-3773 | 1    | Cover-Cooler, Oil  |
| 040      | 98-9729  | 2    | O-Ring             |
| 050      | 98-9724  | 1    | Pipe-Cooler, Oil   |
| 060      | 98-9578  | 1    | Pipe-Return, Water |
| 070      | 98-9579  | 4    | Band-Pipe          |
| 080      | 105-3774 | 1    | Collar             |

| Ref. No. | Part No. | Qty. | Description |
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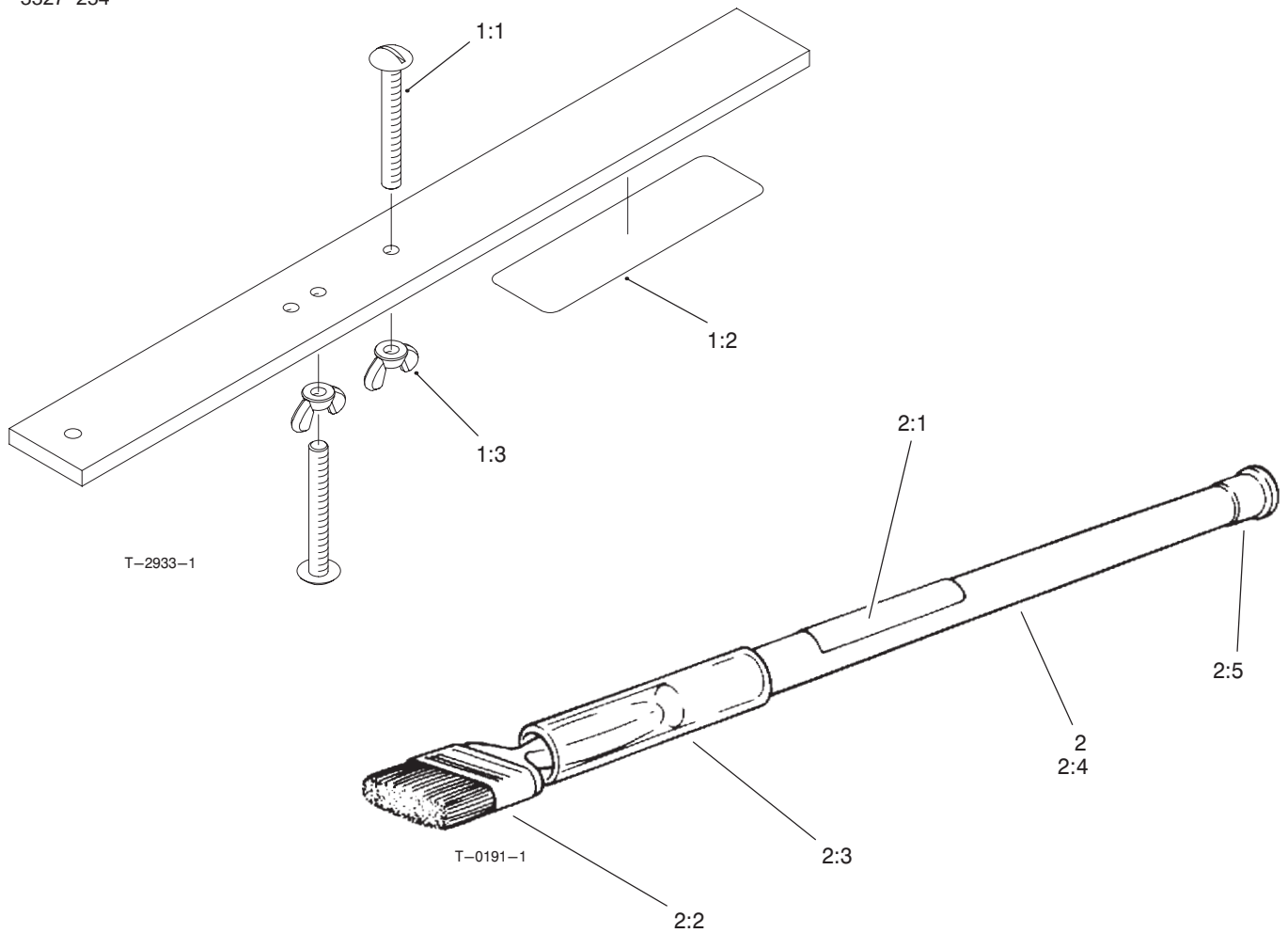


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### Miscellaneous Parts

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 010      | 99-8954  | 1    | Manual-Operator, Kubota |
| 020      | 99-8343  | 1    | Gasket-Muffler          |
| 060      | 99-8384  | 1    | Filter-Oil              |
| 070      | 98-9640  | 1    | Cover-Pump              |
| 080      | 104-5215 | 1    | Pump-Fuel, Electric     |

| Ref. No. | Part No. | Qty. | Description |
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## Gauge Bar and Backlapping Brush Assembly

| Ref. No. | Part No. | Qty. | Description              |
|----------|----------|------|--------------------------|
| 1        | 98-1852  | 1    | Gauge Bar ASM            |
| 1:1      | 32122-54 | 2    | Screw                    |
| 1:2      | 98-7976  | 1    | Decal                    |
| 1:3      | 32103-3  | 2    | Nut-Wing                 |
| 2        | 29-9100  | 1    | Backlapping Brush<br>ASM |
| 2:1      | 12-9140  | 1    | Decal                    |
| 2:2      | 36-4310  | 1    | Brush                    |
| 2:3      | 29-9090  | 1    | Hose-Handle              |
| 2:4      | 29-9080  | 1    | Handle                   |
| 2:5      | 2410-18  | 1    | Plug                     |

| Ref. No. | Part No. | Qty. | Description |
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