Form Number 3350-157

# Reelmaster® 6500-D
## 2 and 4 Wheel Drive

**Model No. 03806 - 230000301 and up.**
**Model No. 03807 - 230000301 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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# Part Description Abbreviations

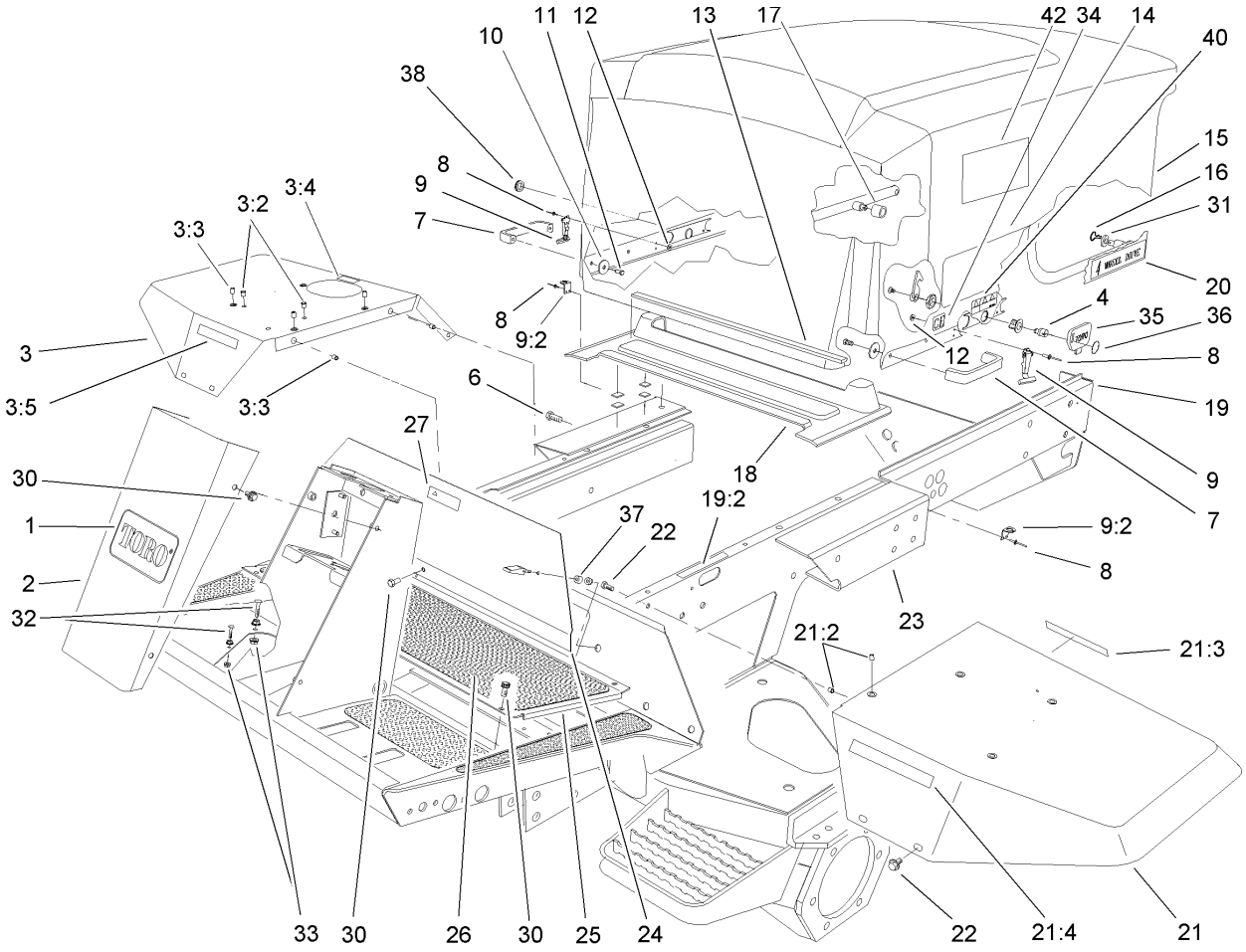
Part descriptions in this catalog may include the following abbreviations.

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

# Footnotes

❶ Not illustrated

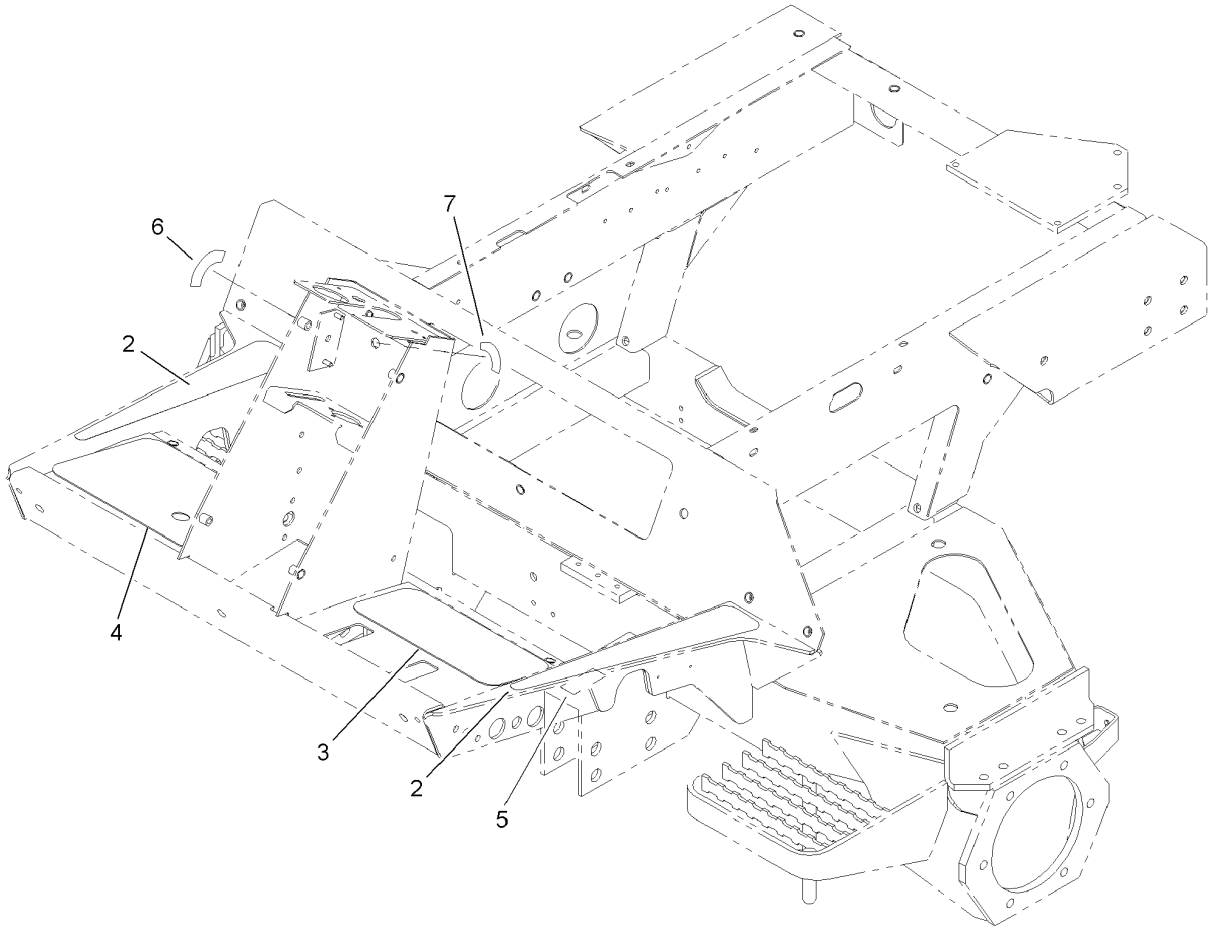
❷ Not serviced separately




# Frame and Body Assembly

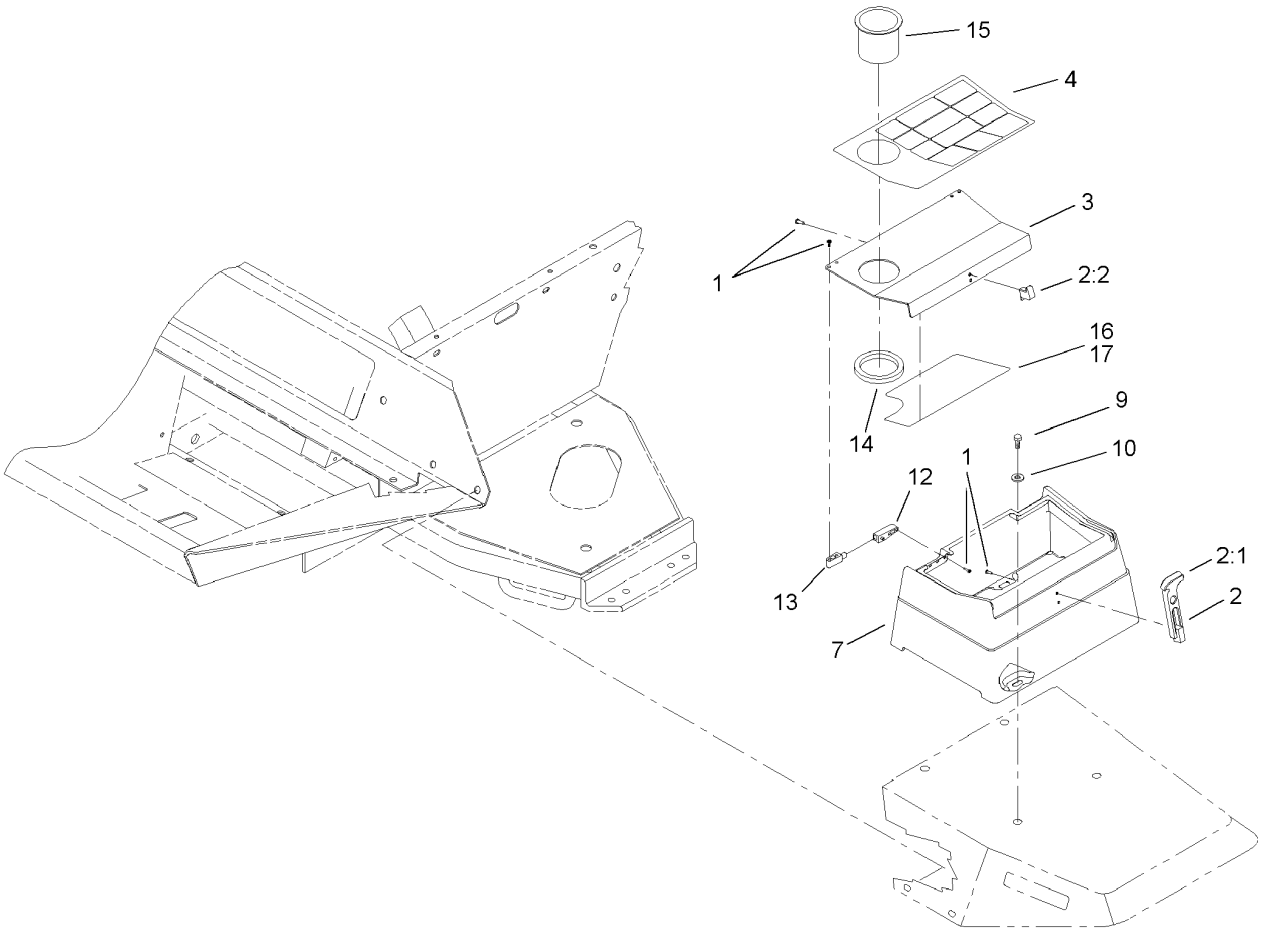
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 62-5550 | 1 | Decal |
| 2 | 93-7996-01 | 1 | Cover-Tower |
| 3 | 106-5950 | 1 | RH Fender ASM |
| 3:2 | 32148-6 | 2 | Insert-Nut |
| 3:3 | 32148-7 | 5 | Insert-Nut |
| 3:4 | 93-6686 | 1 | Decal-Oil, HYD |
| 3:5 | 93-6689 | 1 | Decal-No Riders |
| 4 | 105-3301 | 1 | Latch (With Hardware) |
| 6 | 3234-38 | 10 | 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 | 106-7064 | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 20 | 72-3560 | 2 | Decal (Only On: 03807) |
| 21 | 106-5951 | 1 | LH Fender ASM |
| 21:2 | 32148-7 | 6 | Insert-Nut |
| 21:3 | 93-6680 | 1 | Decal-Diesel |
| 21:4 | 93-6689 | 1 | Decal-No Riders |
| 22 | 3234-14 | 10 | Screw-HHF |
| 23 | 106-9241 | 1 | Front Frame ASM |
| 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 |
| 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 |
| 35 | 99-8970 | 1 | Key-Latch, Hood |
| 36 | 98-9321 | 1 | Ring-Key |
| 37 | 74-5950 | 2 | Latch-Swell |
| 38 | 104-1453 | 1 | Grommet |
| 40 | 106-6754 | 1 | Decal-Danger |
| 42 | 66-6140 | 2 | Decal |



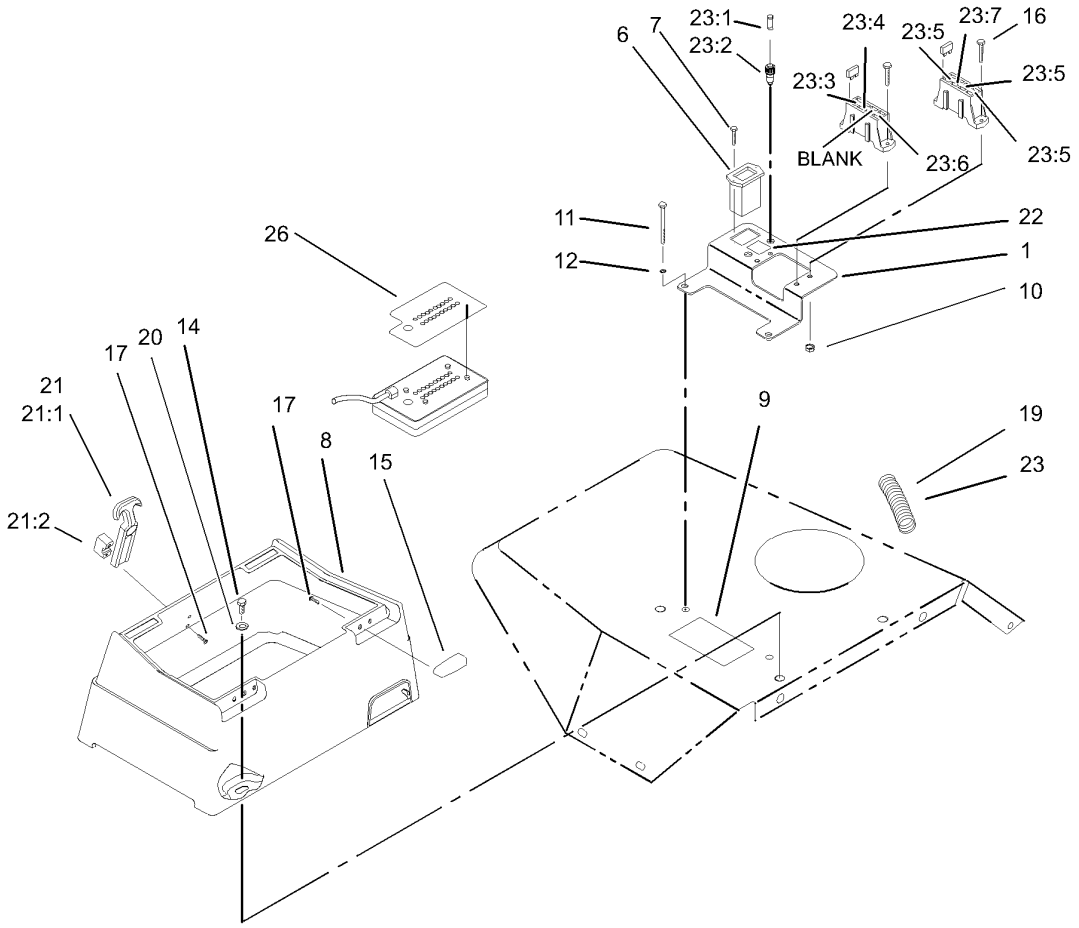

# Front Frame Assembly No. 106-9241

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 93-7592 | 2 | Tread-Rest, Foot |
| 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-Switch, Key |




# Tool Box Assembly

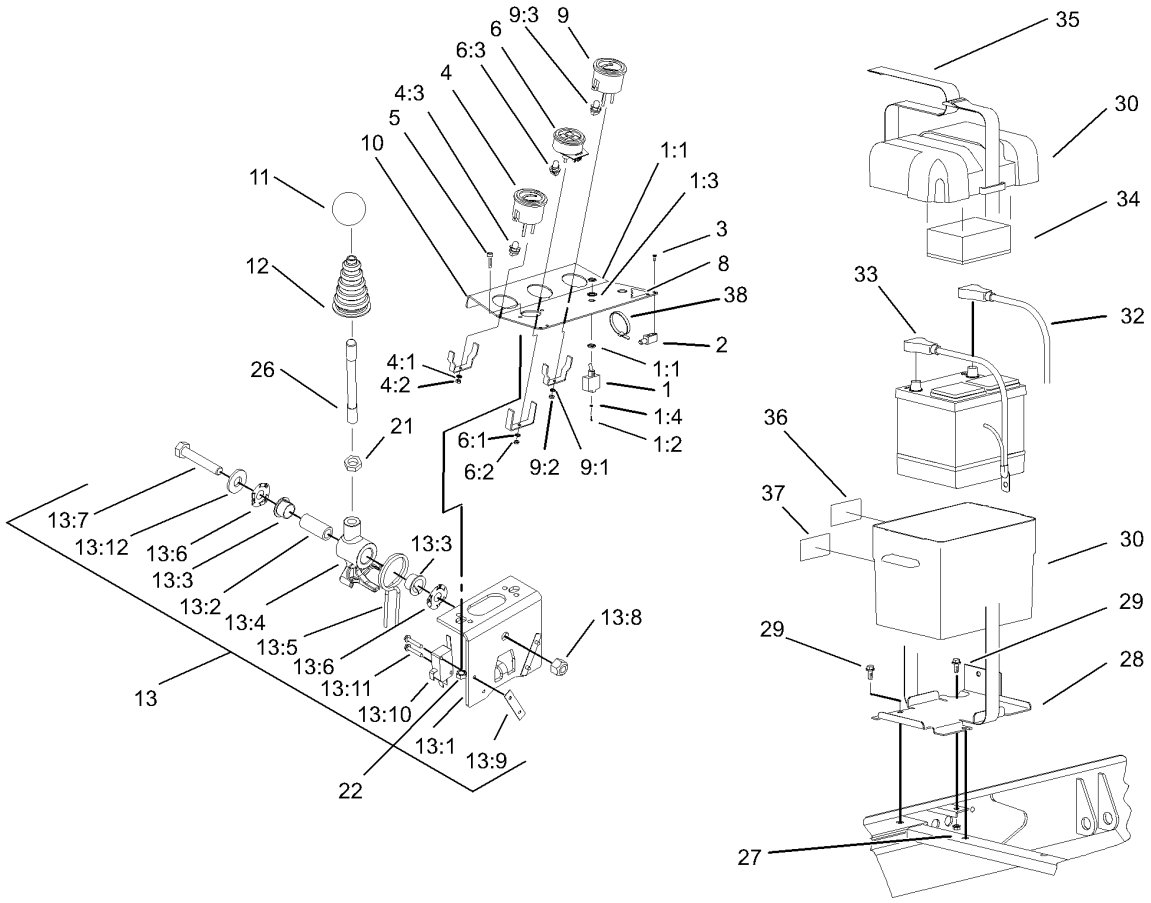
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32144-1 | 12 | Screw-Taptite |
| 2 | 94-5626 | 1 | Latch-Draw, Flexible |
| 2:1 | 100-5806 | 1 | Handle-Latch |
| 2:2 | 100-5807 | 1 | Keeper-Latch |
| 3 | 104-1489-03 | 1 | Cover-Toolbox |
| 4 | 104-9294 | 1 | Decal-Warning |
| 4 | 104-9295 | 1 | Decal-Warning, Ce |
| 7 | 104-0026 | 1 | Toolbox |
| 9 | 322-4 | 4 | Screw-HH |
| 10 | 3256-3 | 4 | Washer-Flat |
| 12 | 104-1496 | 2 | Hinge-Pin |
| 13 | 104-1497 | 2 | Hinge-Receiver |
| 14 | 104-1476 | 1 | Ring-Rubber |
| 15 | 94-1410 | 1 | Holder-Can, Beverage |
| 16 | 105-0134 | 1 | Decal-Quick Reference |
| 17 | 95-0832 | 1 | Decal-Service |




# Control Console Assembly

| Ref | 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 |
| 19 | 94-6343 | 1 | Decal-Identification, Wire |
| 20 | 3256-3 | 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 |
| 23:5 | 218-578 | 3 | Fuse-10 Amp |

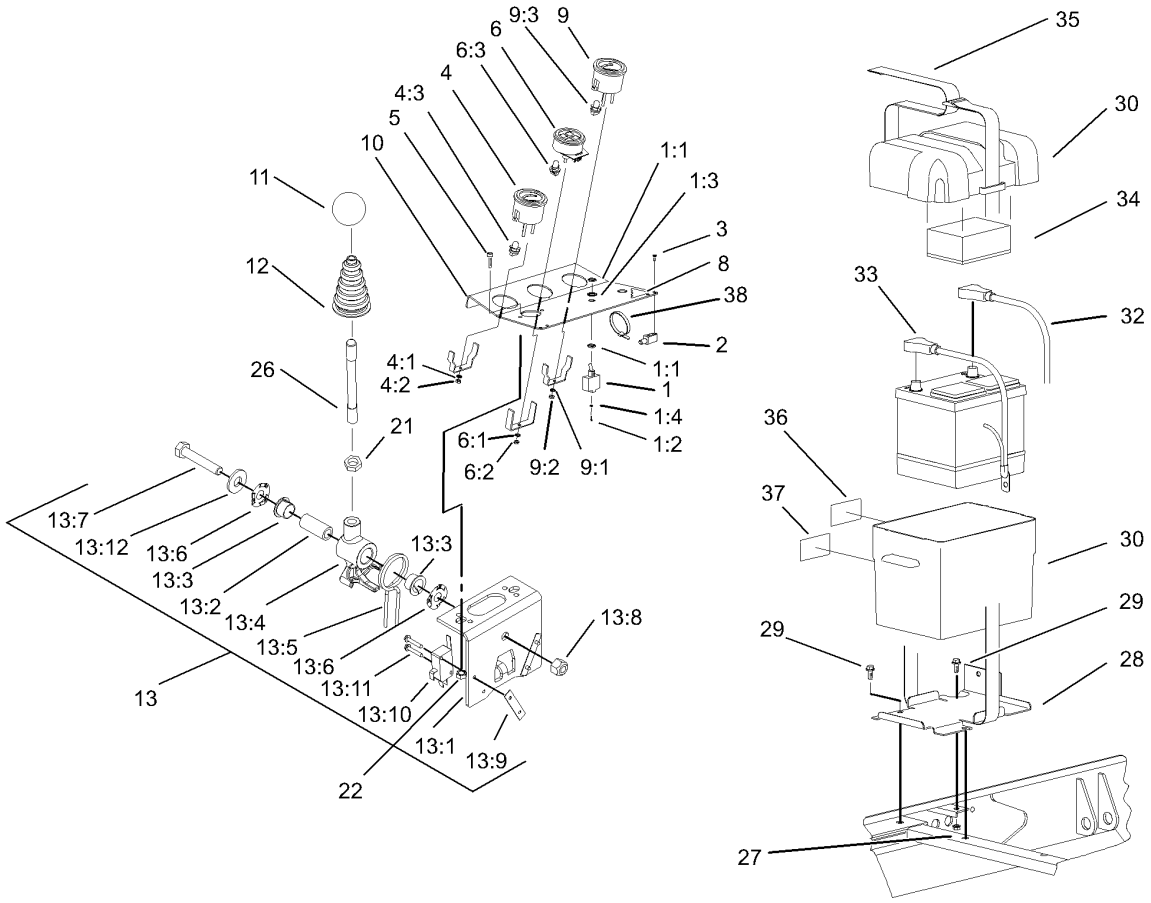
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23:6 | 109355 | 1 | Fuse-15 Amp |
| 23:7 | 109101 | 1 | Fuse-20 Amp |
| 26 | 105-9267 | 1 | Decal-Diagnostic, Control |




# Control Console and Battery Assembly

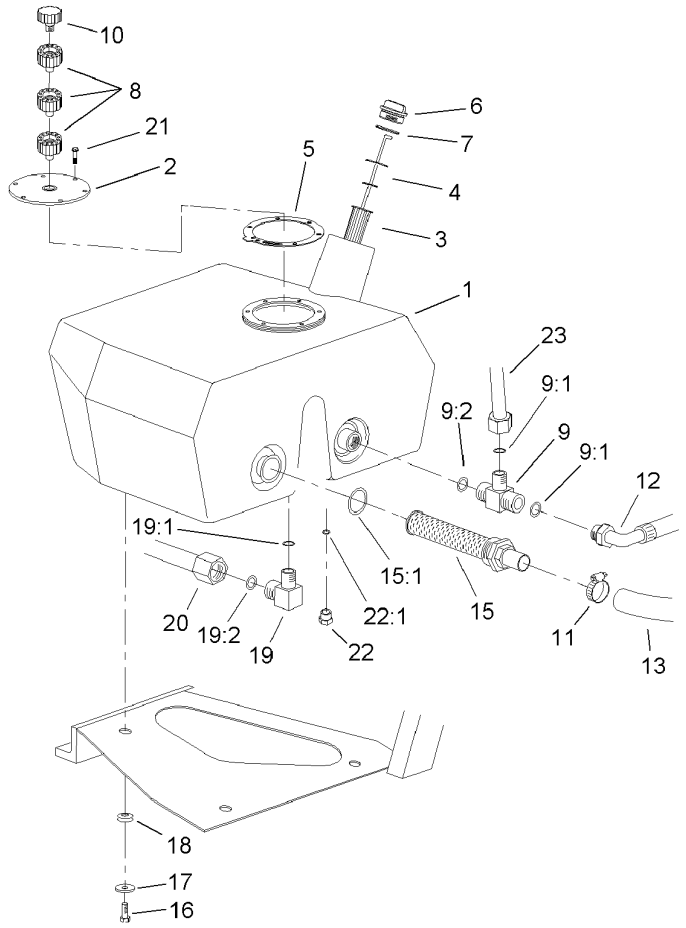
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8352 | 1 | Switch-Backlap, Master |
| 1:1 | 218-498 | 2 | Locknut |
| 1:2 | 218-588 | 3 | Screw |
| 1:3 | 218-589 | 1 | Nut And Lockwasher ASM |
| 1:4 | 3253-19 | 3 | Washer-Lock |
| 2 | 104-1496 | 2 | Hinge-Pin |
| 3 | 32144-1 | 4 | Screw-Taptite |
| 4 | 98-9339 | 1 | Gauge-Fuel |
| 4:1 | 3254-1 | 3 | Washer-Lock, Int |
| 4:2 | 3217-27 | 3 | Nut-Hex |
| 4:3 | 105-9265 | 1 | Bulb And Lamp ASM |
| 5 | 3258-166 | 2 | Screw-Prh |
| 6 | 98-9306 | 1 | Light-Warning |
| 6:1 | 3254-1 | 1 | Washer-Lock, Int |
| 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, Int |
| 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 13 | 106-4167 | 1 | Joystick Bracket ASM |
| 13:1 | 106-4168-03 | 1 | Bracket-Joystick |
| 13:2 | 106-4192 | 1 | Spacer |
| 13:3 | 93-5547 | 2 | Bushing-Nylon |
| 13:4 | 105-7507 | 1 | Hub-Pivot, Joystick |
| 13:5 | 105-8289 | 1 | Spring-Torsion |
| 13:6 | 106-4193 | 2 | Washer-Finger, Spring |
| 13:7 | 322-9 | 1 | Screw-HH |
| 13:8 | 3296-29 | 1 | Nut-Lock, NI |
| 13:9 | 3290-354 | 2 | Nut-Speed |
| 13:10 | 111332 | 2 | Switch |
| 13:11 | 147665 | 4 | Screw-HH |
| 13:12 | 3256-3 | 1 | Washer-Flat |
| 21 | 3218-3 | 1 | Nut-Jam |
| 22 | 32128-33 | 2 | Nut-HF |
| 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 | Battery Box ASM |
| 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 |




# Control Console and Battery Assembly (continued)

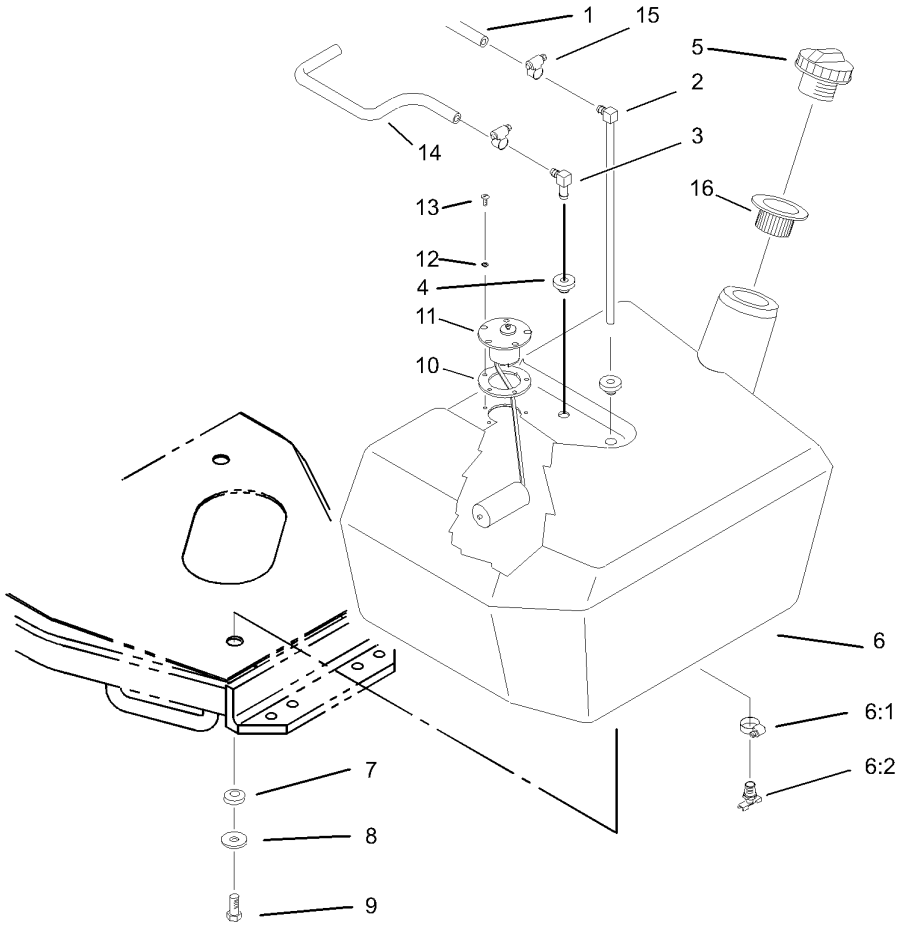
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 36 | 93-6668 | 1 | Decal-Battery |
| 37 | 93-7276 | 1 | Decal-Danger |
| 38 | 3290-378 | 2 | Tie-Cable |




# Hydraulic Filter and Reservoir Assembly

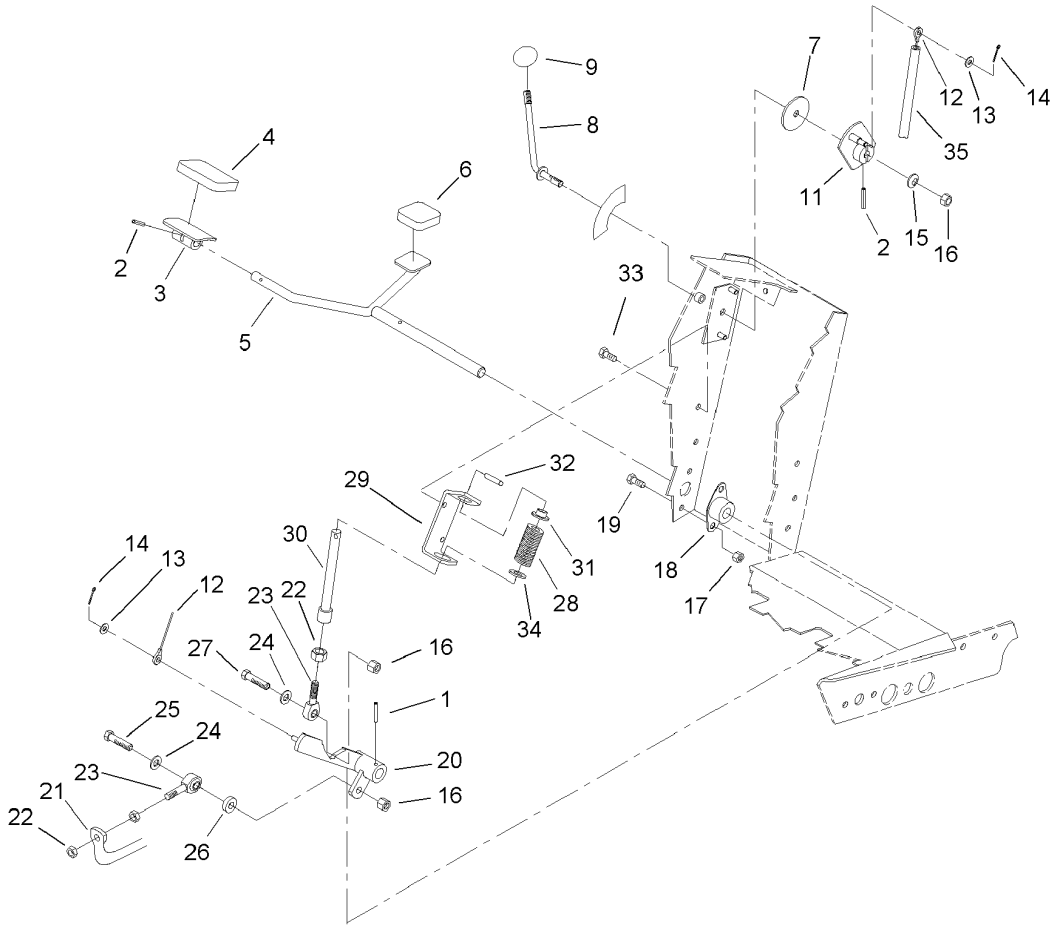
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-9254 | 1 | Tank-Oil |
| 2 | 99-2580 | 1 | Cover-Tank |
| 3 | 61-2790 | 1 | Filter-Screen |
| 4 | 75-3710 | 1 | Dipstick |
| 5 | 93-7499 | 1 | Gasket |
| 6 | 93-7498 | 1 | Plug-Plastic |
| 7 | 94-8166 | 1 | O-Ring |
| 8 | 92-8020 | 3 | 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 |
| 11 | 2412-111 | 1 | Clamp |
| 12 | 104-3790 | 1 | Pump Return Hose 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 | Bushing-Flange |
| 19 | 340-98 | 1 | Fitting-Hyd, 90 DEG |
| 19:1 | 237-79 | 1 | O-Ring |
| 19:2 | 237-30 | 1 | O-Ring |
| 20 | 92-7478 | 1 | RH Motor Tube ASM |

| Ref | 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 ASM |
| ❶23:1 | 340-65 | 1 | O-Ring |




# Fuel Tank Assembly

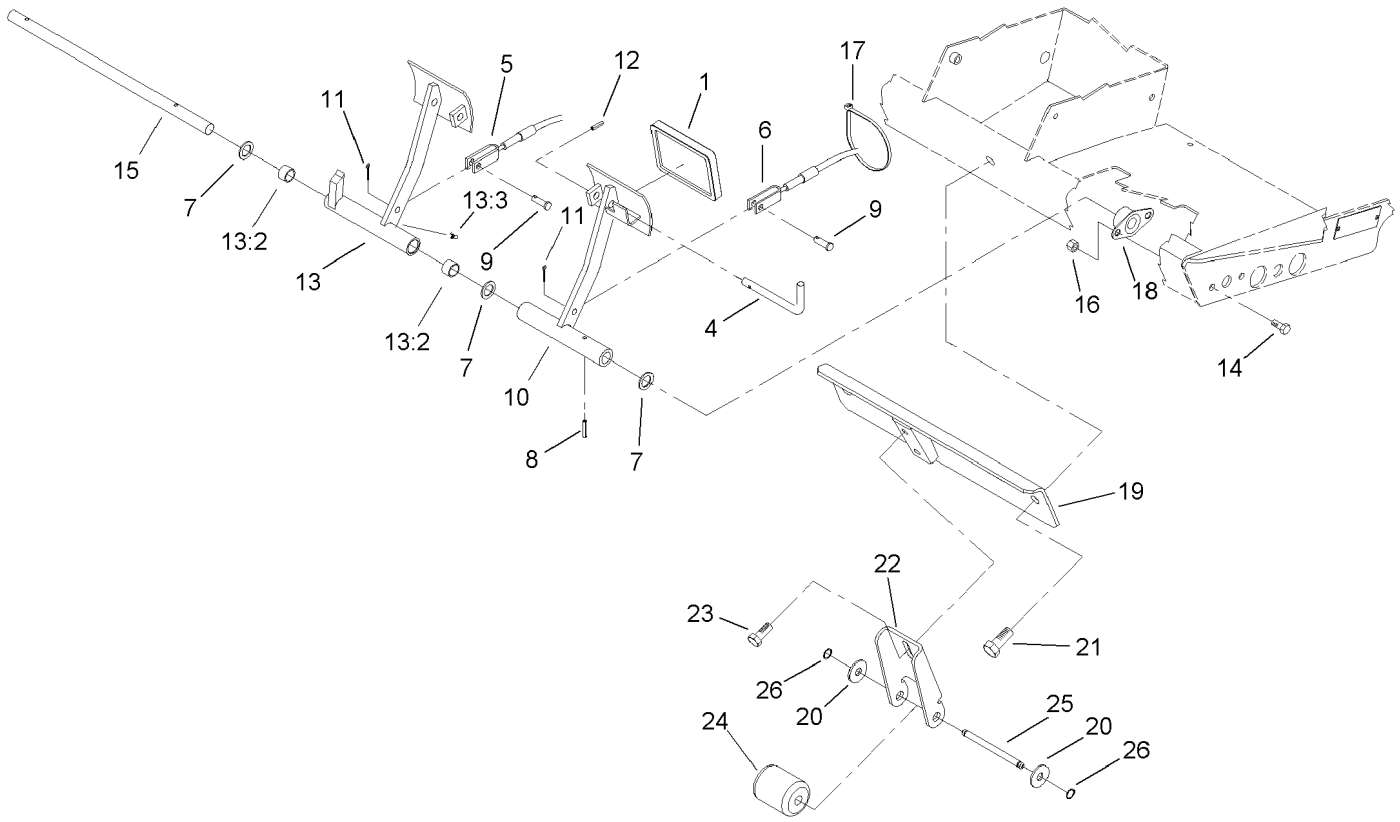
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 92-7522 | 1 | Hose-Fuel |
| 2 | 66-8121 | 1 | Standpipe |
| 3 | 104-5228 | 1 | Elbow-90 DEG |
| 4 | 46-6560 | 2 | Bushing |
| 5 | 93-3102 | 1 | Cap-Fuel |
| 6 | 105-7949 | 1 | Tank-Fuel |
| 6:1 | 2412-36 | 1 | Clamp-Hose |
| 6:2 | 304-46 | 1 | Draincock |
| 7 | 240-11 | 3 | Bushing-Flange |
| 8 | 63-8410 | 3 | Washer |
| 9 | 33105-025 | 3 | Screw-HHF |
| 10 | 62-7650 | 1 | Gasket |
| 11 | 63-7640 | 1 | Sender-Fuel |
| 12 | 3253-15 | 5 | Washer-Lock |
| 13 | 32122-24 | 5 | Screw-Pth |
| 14 | 75-4700 | 1 | Hose-Fuel |
| 15 | 2412-108 | 2 | Clamp-Worm |
| 16 | 61-2790 | 1 | Filter-Screen |




# Traction Pedal Assembly

| Ref | 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 ASM |
| 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 |

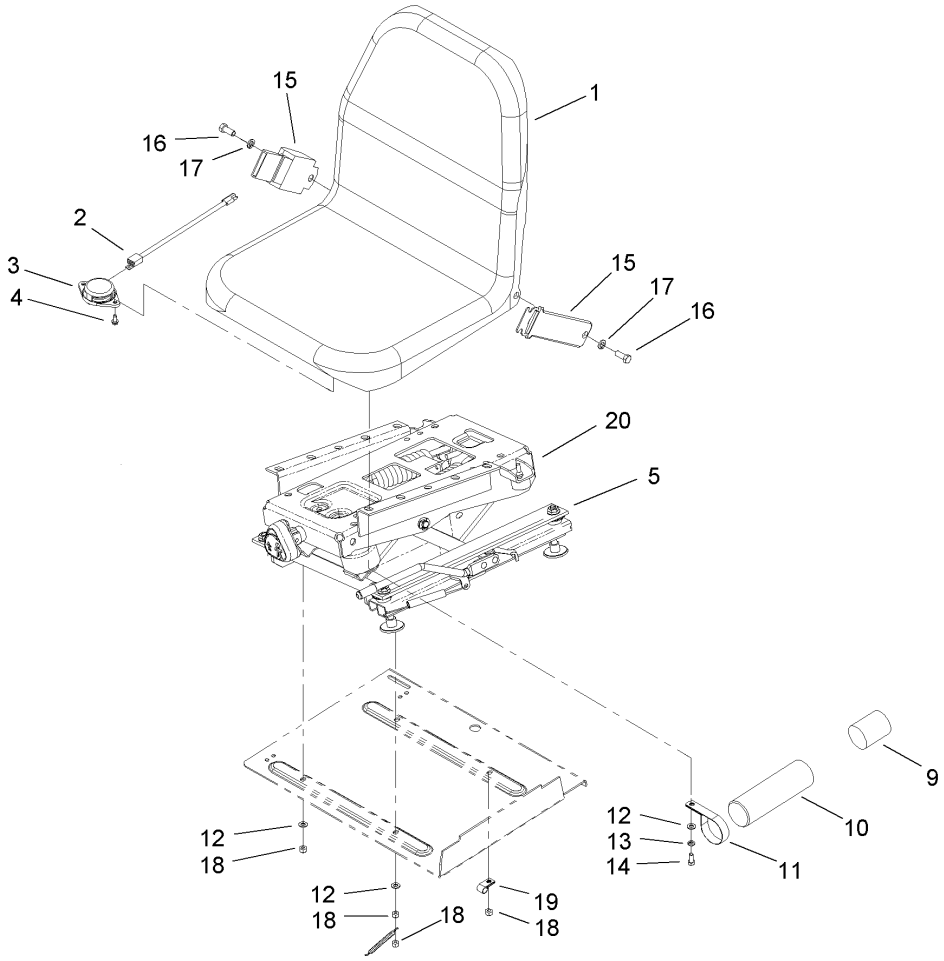
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 5-0652 | 1 | Spacer |
| 27 | 323-29 | 1 | Screw-HH |
| 28 | 60-5700 | 1 | Spring |
| 29 | 92-7608-03 | 1 | Bracket-Spring |
| 30 | 92-7609 | 1 | Shaft-Spring |
| 31 | 92-7610 | 1 | Retainer-Spring |
| 32 | 32121-11 | 1 | Pin-Roll |
| 33 | 32144-14 | 2 | Screw-HWH |
| 34 | 3256-5 | 1 | Washer-Flat |
| 35 | 95-7151 | 1 | Tube-Convoluted |




# Brake Pedal Assembly

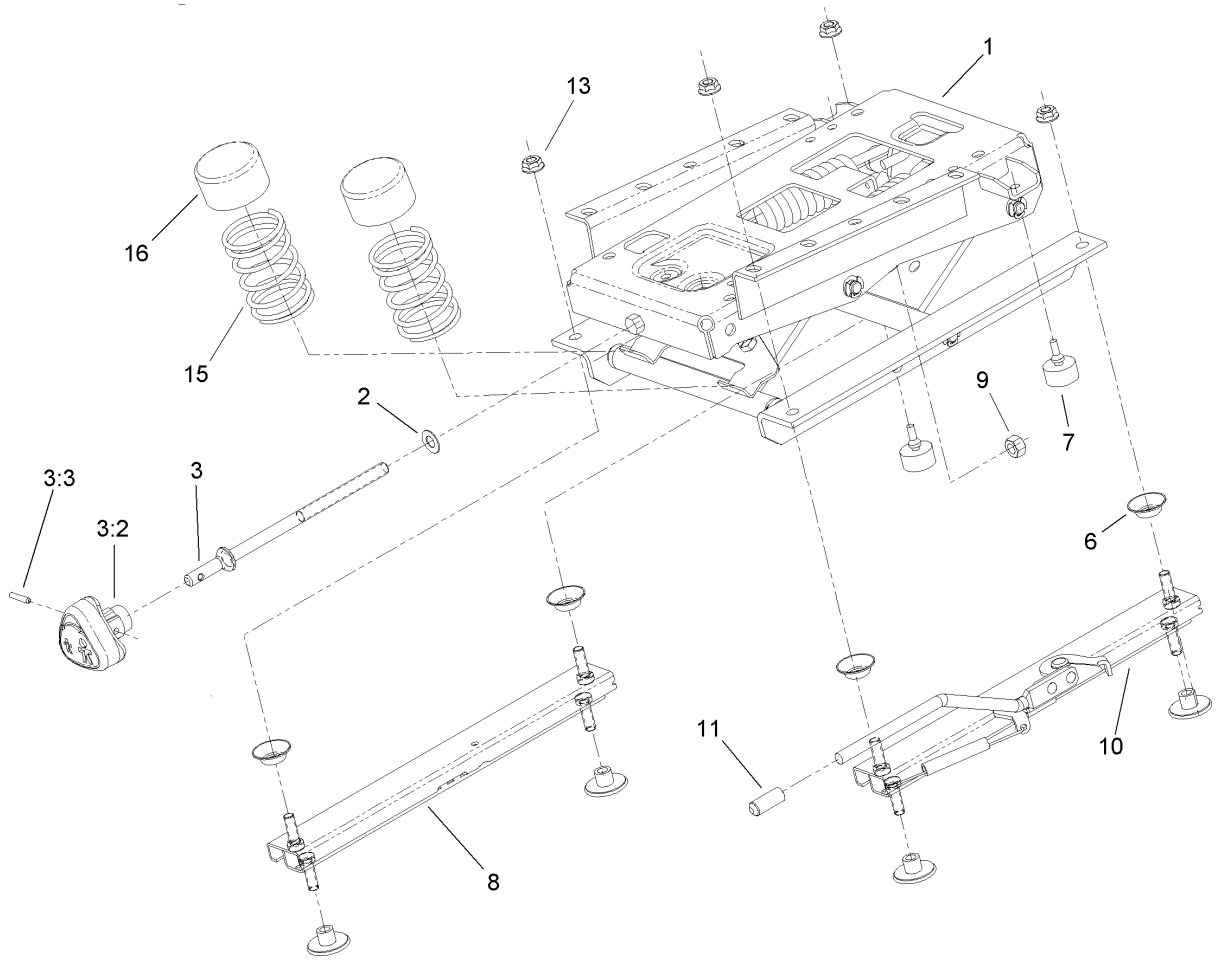
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 93-8742 | 2 | Footpad-Brake |
| 4 | 63-7880 | 1 | Pin-Latch, Brake |
| 5 | 92-7530 | 1 | LH Brake Cable ASM |
| 6 | 92-7529 | 1 | RH Brake Cable ASM |
| 7 | 3256-69 | 3 | Washer-Flat |
| 8 | 32121-16 | 1 | Pin-Spring |
| 9 | 283-58 | 2 | Pin-Clevis |
| 10 | 75-1440-03 | 1 | Pedal-Brake, LH ASM |
| 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 | 3234-38 | 2 | Screw-HHF |
| 22 | 100-3868-03 | 1 | Bracket-Tipper |
| 23 | 3234-1 | 2 | Screw-HHF |
| 24 | 75-5390 | 1 | Roller |

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



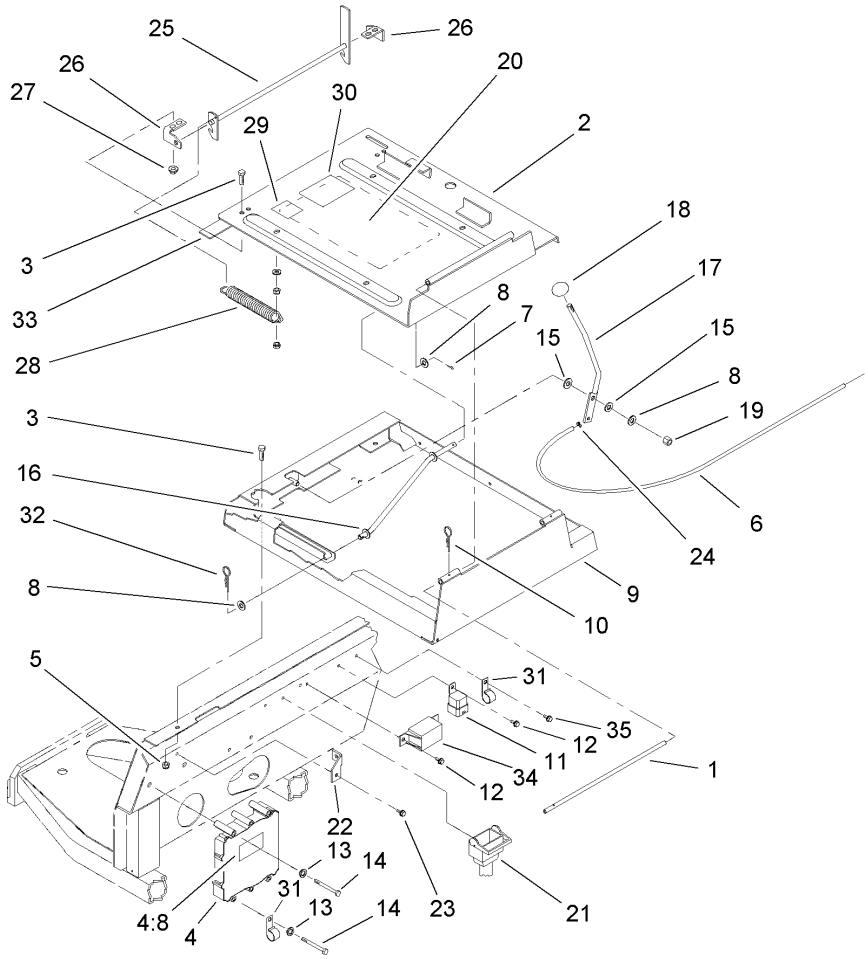

# Seat and Suspension Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-4620 | 1 | Seat-Olympic, Toro |
| 2 | 106-7090 | 1 | Harness-Wire, Seat Switch |
| 3 | 92-6282 | 1 | Switch-Seat |
| 4 | 32144-10 | 2 | Screw-HWH |
| 5 | 32128-25 | 4 | Nut-HF |
| 9 | 104-7048 | 1 | Cap-Housing |
| 10 | 104-7050 | 1 | Housing-Manual |
| 11 | 2412-133 | 2 | R-Clamp |
| 12 | 3256-23 | 8 | Washer-Flat |
| 13 | 3253-4 | 4 | Washer-Lock |
| 14 | 322-3 | 4 | Screw-HH |
| 15 | 21-4191 | 1 | Seat Belt ASM (Only On: 03807) |
| 16 | 3212-4 | 2 | Screw-HH (Only On: 03807) |
| 17 | 3253-6 | 2 | Washer-Lock (Only On: 03807) |
| 18 | 3296-29 | 5 | Nut-Lock, NI |
| 19 | 2412-93 | 1 | Clamp-R |
| 20 | 76-1970 | 1 | Seat Suspension ASM |




# Seat and Suspension Assembly No. 76-1970

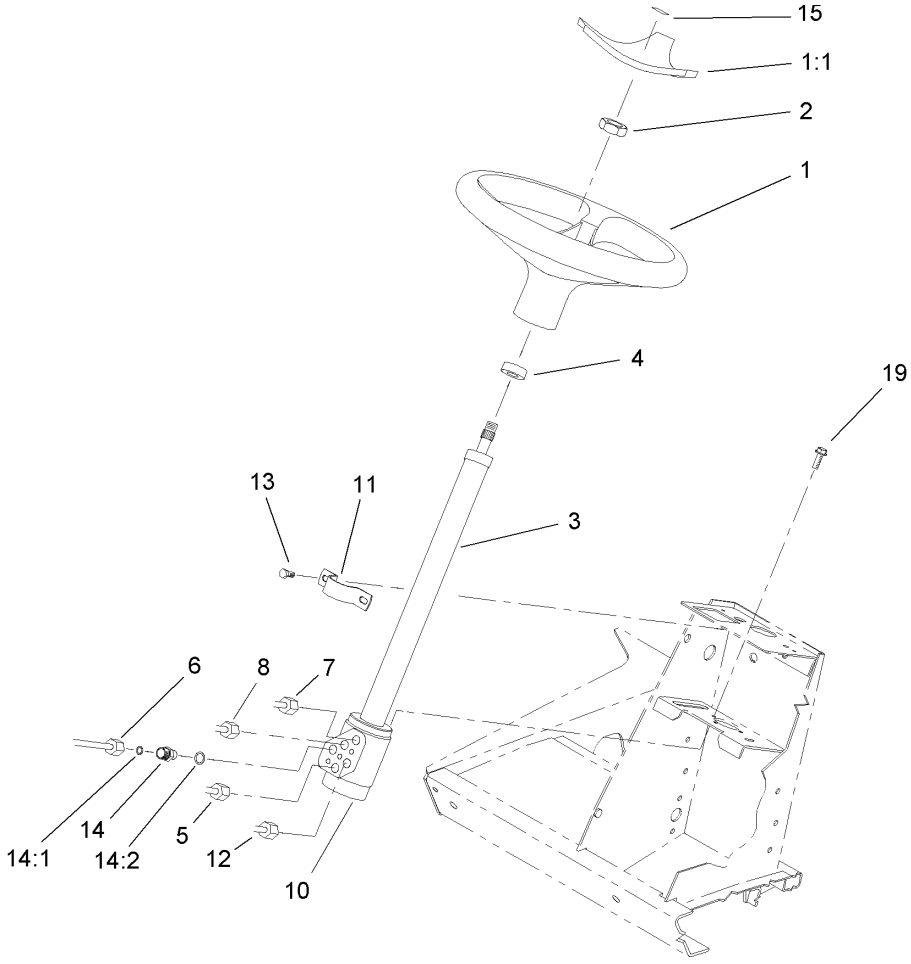
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-8085 | 1 | Suspension ASM |
| 2 | 3256-24 | 1 | Washer-Flat |
| 3 | 106-1031 | 1 | Tension Adjuster Knob ASM |
| 3:2 | 106-8093 | 1 | Knob-Adjust, Tension |
| 3:3 | 32121-45 | 1 | Pin-Spring |
| 6 | 66-9290 | 4 | Spacer-Suspension |
| 7 | 76-2940 | 2 | Bumper |
| 8 | 66-8530 | 1 | Adjuster |
| 9 | 32153-2 | 1 | Nut-Lock |
| 10 | 66-8510 | 1 | Adjuster W/handle |
| 11 | 75-3570 | 1 | Tip-Vinyl |
| 13 | 32128-25 | 4 | Nut-HF |
| 15 | 93-3163 | 2 | Spring |
| 16 | 93-3164 | 2 | Cap |




# Seat Frame and Throttle Assembly

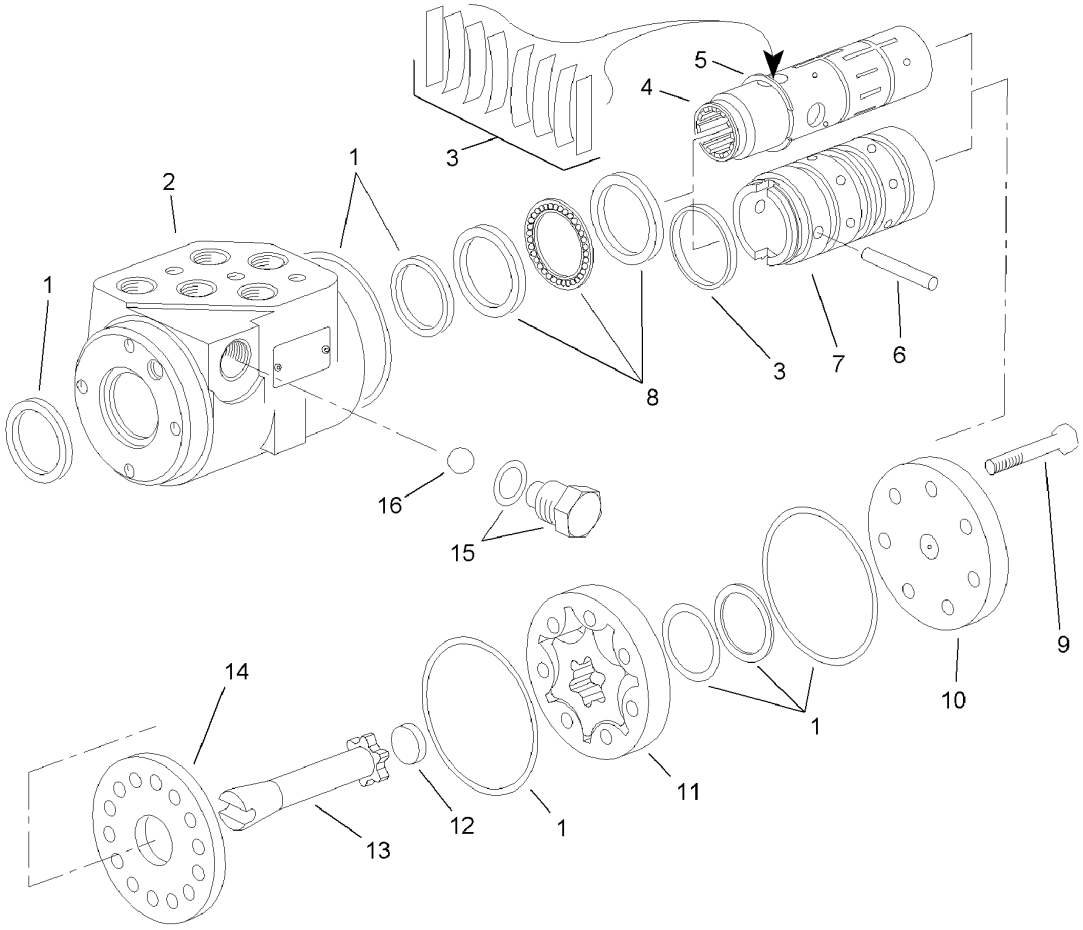
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 75-3400 | 1 | Shaft-Pivot, Seat |
| 2 | 98-2350-03 | 1 | Plate-Seat ASM |
| 3 | 322-3 | 8 | Screw-HH |
| 4 | 92-5720 | 1 | Controller-Electronic |
| 4:8 | 93-8053 | 1 | Decal |
| 5 | 3296-29 | 4 | Nut-Lock, NI |
| 6 | 105-0102 | 1 | Cable-Throttle |
| 7 | 3272-10 | 1 | Pin-Cotter |
| 8 | 3256-24 | 3 | Washer-Flat |
| 9 | 98-2352-03 | 1 | Frame-Seat ASM |
| 10 | 3290-467 | 1 | Pin-Hair |
| 11 | 70-1480 | 1 | Relay |
| 12 | 32144-10 | 3 | Screw-HWH |
| 13 | 3253-3 | 3 | Washer-Lock |
| 14 | 321-14 | 3 | Screw-HH |
| 15 | 52-2900 | 2 | Washer-Poly |
| 16 | 75-3680-03 | 1 | Rod-Seat ASM |
| 17 | 93-7598-03 | 1 | Lever-Throttle |
| 18 | 233-42 | 1 | Knob |
| 19 | 3296-39 | 1 | Nut-Lock, NI |
| 20 | 105-7528 | 1 | Decal-Information, Solenoid |
| 21 | 105-3352 | 1 | Harness-Wire, Main |
| 22 | 92-7396-03 | 1 | Mount-Cable |
| 23 | 49-2040 | 1 | Screw-Tapping |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 52-5910 | 1 | Ring-Retaining |
| 25 | 98-2354-03 | 1 | Latch-Seat ASM |
| 26 | 98-2353 | 2 | Bracket-Latch, Seat |
| 27 | 32128-25 | 4 | Nut-HF |
| 28 | 66-4190-03 | 1 | Spring-Idler, Clutch |
| 29 | 105-4674 | 1 | Decal-Noise, Ce |
| 30 | 85-6910 | 1 | Decal-Rating, Noise |
| 31 | 2412-150 | 2 | J-Clip |
| 32 | 3290-307 | 1 | Pin-Hair |
| 33 | 94-8146 | 1 | Strip-Foam |
| 34 | 66-8800 | 1 | Relay |
| 35 | 32144-11 | 1 | Screw-TAP |



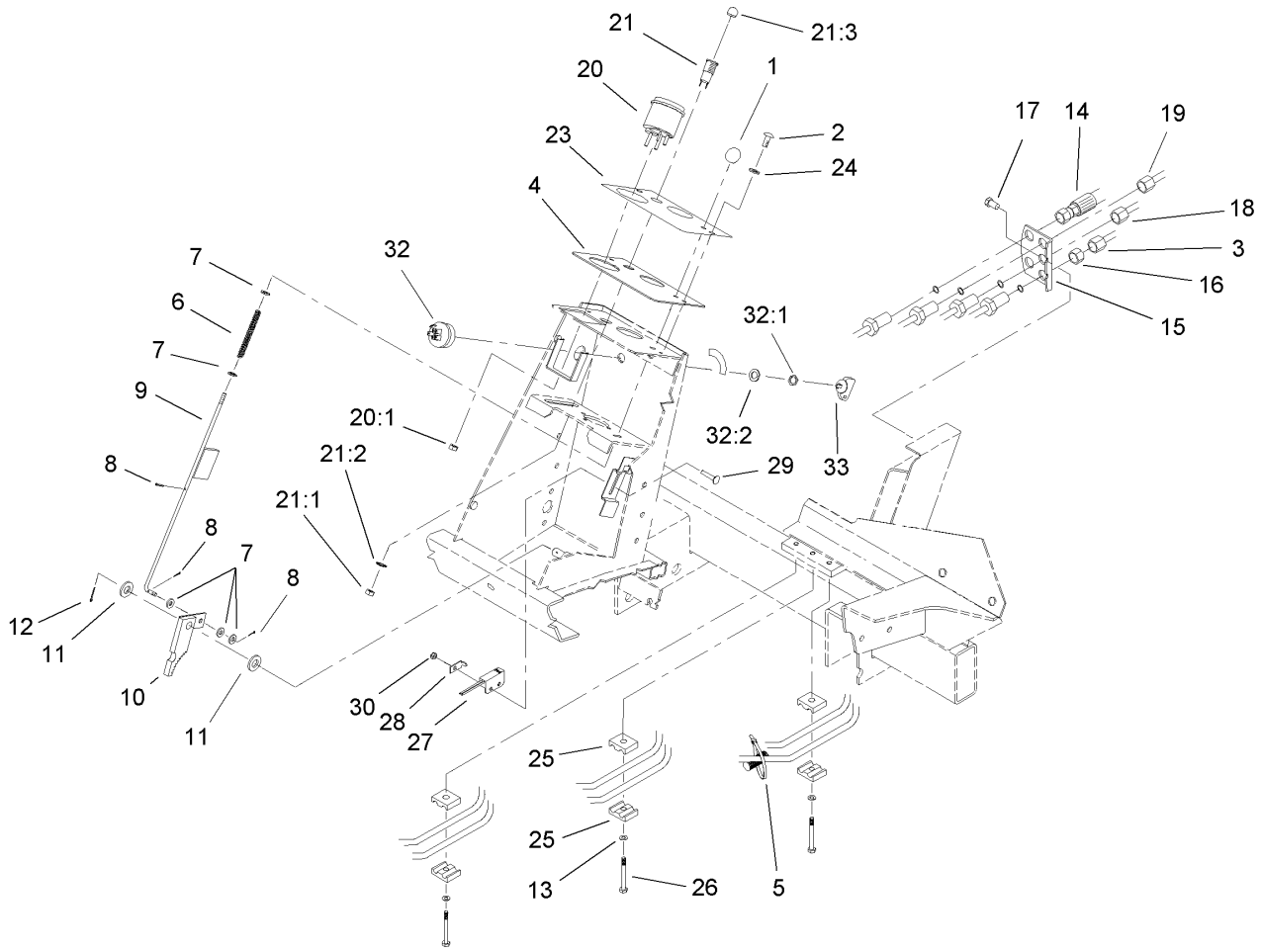

# Steering Wheel Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-1471 | 1 | Wheel-Steering |
| 1:1 | 98-1468 | 1 | Cover-Wheel, Steering |
| 2 | 94-9952 | 1 | Nut-Hex |
| 3 | 94-9951 | 1 | Column-Steering |
| 4 | 21-9260 | 1 | Cover-Dust |
| 5 | 94-3059 | 1 | HYD Tube ASM |
| ❶5:1 | 237-22 | 1 | O-Ring |
| 6 | 104-3733 | 1 | Tube ASM-Straight, Front In |
| ❶6:1 | 237-22 | 1 | O-Ring |
| 7 | 104-3737 | 1 | Tube ASM-Straight, Front Out |
| 8 | 94-3060 | 1 | HYD Tube ASM |
| ❶8:1 | 237-22 | 1 | O-Ring |
| 10 | 99-8959 | 1 | Control-Steering |
| 11 | 75-2810 | 1 | Bracket-Column, Steering |
| 12 | 94-3071 | 1 | HYD Tube ASM |
| ❶12:1 | 237-22 | 1 | O-Ring |
| 13 | 3234-7 | 2 | Screw-HHF |
| 14 | 340-2 | 5 | Fitting-Hyd, Straight |
| 14:1 | 237-22 | 1 | O-Ring |
| 14:2 | 237-42 | 1 | O-Ring |
| 15 | 98-1459 | 1 | Decal |
| 19 | 33103-020 | 3 | Screw-HHF |




# Steering Control Assembly No. 105-3315

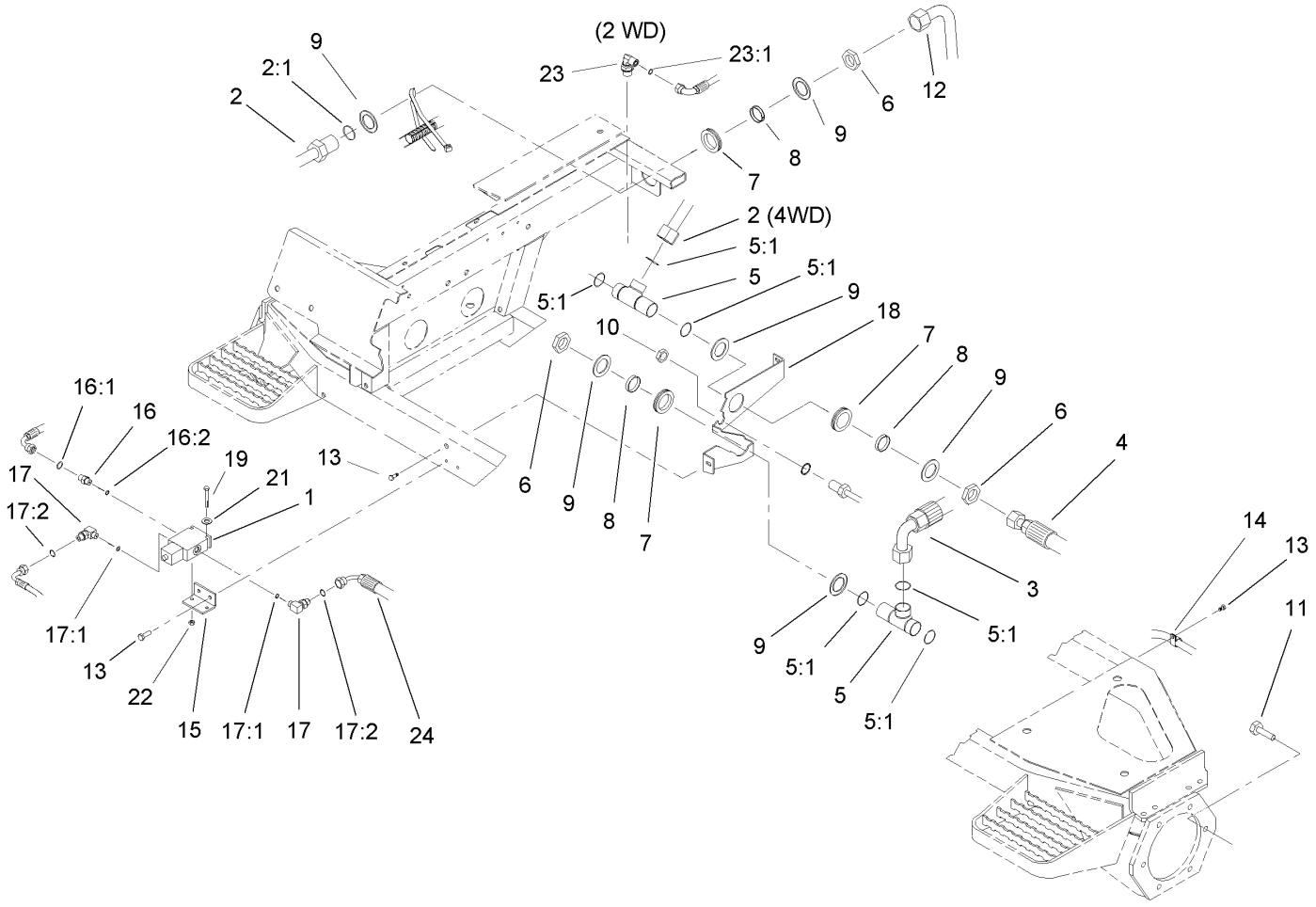
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 94-4099 | 1 | Seal Kit |
| ❷2 | | 1 | Housing |
| 3 | 94-4095 | 1 | Centering Spring Kit |
| ❷4 | | 1 | Spool |
| 5 | 94-4098 | 1 | Ring-Retaining |
| 6 | 94-4094 | 1 | Pin |
| ❷7 | | 1 | Sleeve |
| 8 | 94-4096 | 1 | Bearing Kit |
| 9 | 94-4088 | 7 | Screw-Cap |
| 10 | 94-4089 | 1 | Cap-End |
| 11 | 94-4090 | 1 | Gerotor |
| 12 | 94-4091 | 1 | Spacer |
| 13 | 94-4093 | 1 | Drive |
| 14 | 94-4092 | 1 | Plate-Wear |
| 15 | 94-4097 | 1 | Plug ASM |
| 16 | 94-4100 | 1 | Ball |




# Steering Tower Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 233-17 | 1 | Knob |
| 2 | 87-6620 | 2 | Screw |
| 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 | Steering Hose ASM |
| 15 | 92-7606-03 | 1 | Bracket-Bulkhead |
| 16 | 340-70 | 4 | Nut-Lock |
| 17 | 32144-14 | 2 | Screw-HWH |
| 18 | 104-3745 | 1 | RH Rear Straight Tube ASM |
| ❶18:1 | 237-22 | 1 | O-Ring |
| 19 | 104-3746 | 1 | Rear In Straight Tube ASM |
| ❶19:1 | 237-22 | 1 | O-Ring |
| 20 | 105-3304 | 1 | Speedomter |
| 20:1 | 3296-1 | 4 | Nut-Lock, NI |
| 21 | 44-2210 | 1 | Light-Indicator, Red |

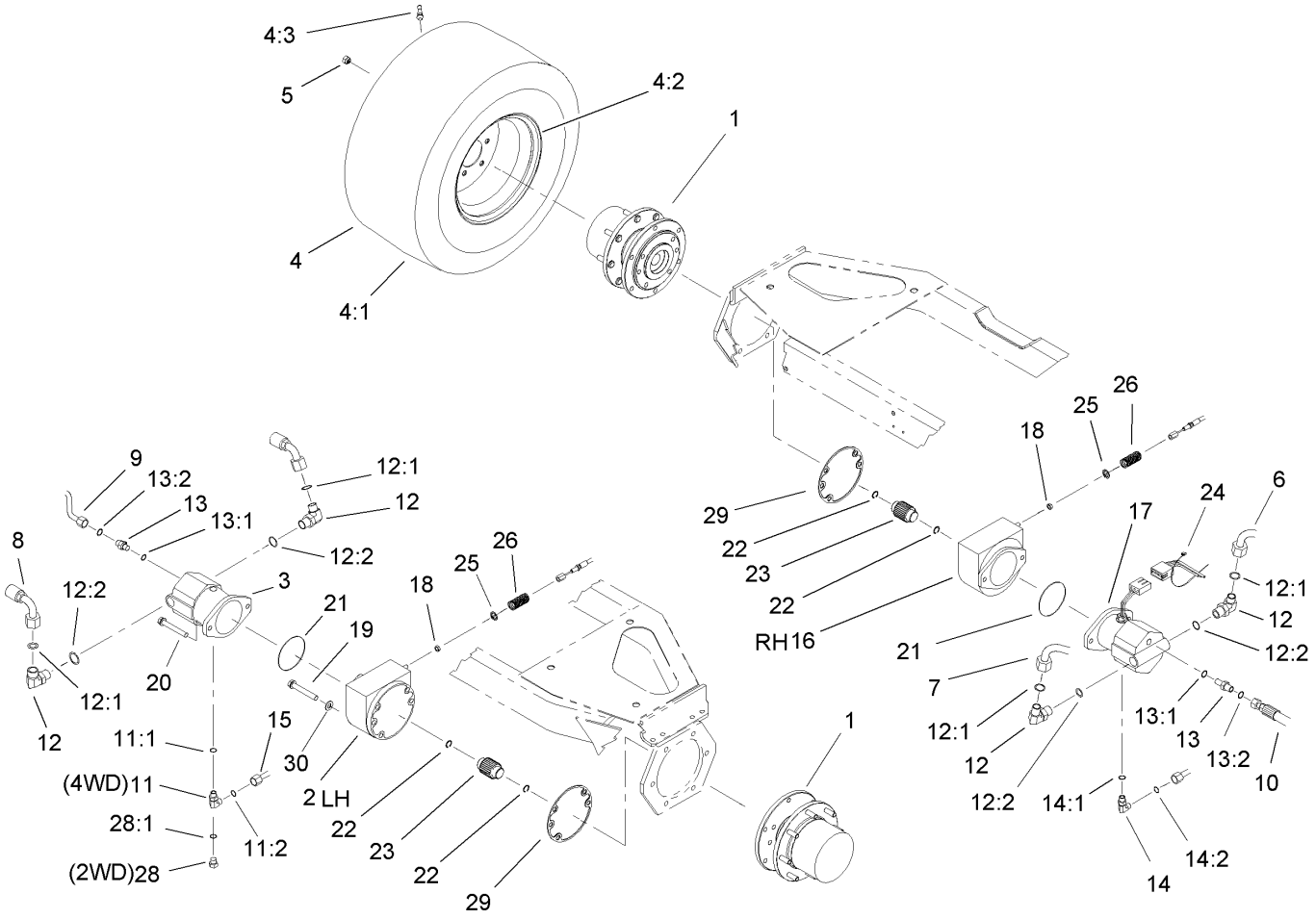
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 21:1 | 218-535 | 1 | Nut-Hex |
| 21:2 | 218-536 | 1 | Washer-Lock |
| 21:3 | 218-533 | 1 | Lens |
| ❶❷21:4 | | 1 | Bulb |
| 23 | 93-1263 | 1 | Decal-Tower |
| 24 | 3256-1 | 2 | Washer-Flat |
| 25 | 56-7973 | 6 | Clamp-Tube |
| 26 | 322-6 | 3 | 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 |
| 32 | 104-2541 | 1 | Switch-Key |
| 32:1 | 218-461 | 1 | Nut-HH |
| 32:2 | 3254-5 | 1 | Washer-Tooth |
| 33 | 63-8360 | 1 | Key-Ignition |




# Front Hydraulic Drive Assembly

| Ref | 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 | 3 | Nut-Bulkhead (Only On: 03807) |
| 6 | 340-128 | 2 | Nut-Bulkhead (Only On: 03806) |
| 7 | 240-2 | 3 | Grommet-Rubber (Only On: 03807) |
| 7 | 240-2 | 2 | Grommet-Rubber (Only On: 03806) |
| 8 | 69-8950 | 2 | Spacer (Only On: 03806) |
| 8 | 69-8950 | 3 | Spacer (Only On: 03807) |
| 9 | 69-8920 | 6 | Washer (Only On: 03807) |
| 9 | 69-8920 | 4 | Washer (Only On: 03806) |
| 10 | 340-127 | 1 | Nut-Bulkhead |
| 11 | 33106-030 | 12 | Screw-HHF |
| 12 | 104-3736 | 1 | HYD Tube ASM (Only On: 03807) |
| ❶12:1 | 237-58 | 1 | O-Ring (Only On: 03807) |
| 13 | 32144-14 | 7 | Screw-HWH |
| 14 | 2412-93 | 2 | Clamp-R |
| 15 | 100-3807 | 1 | Bracket-Flow Divider |

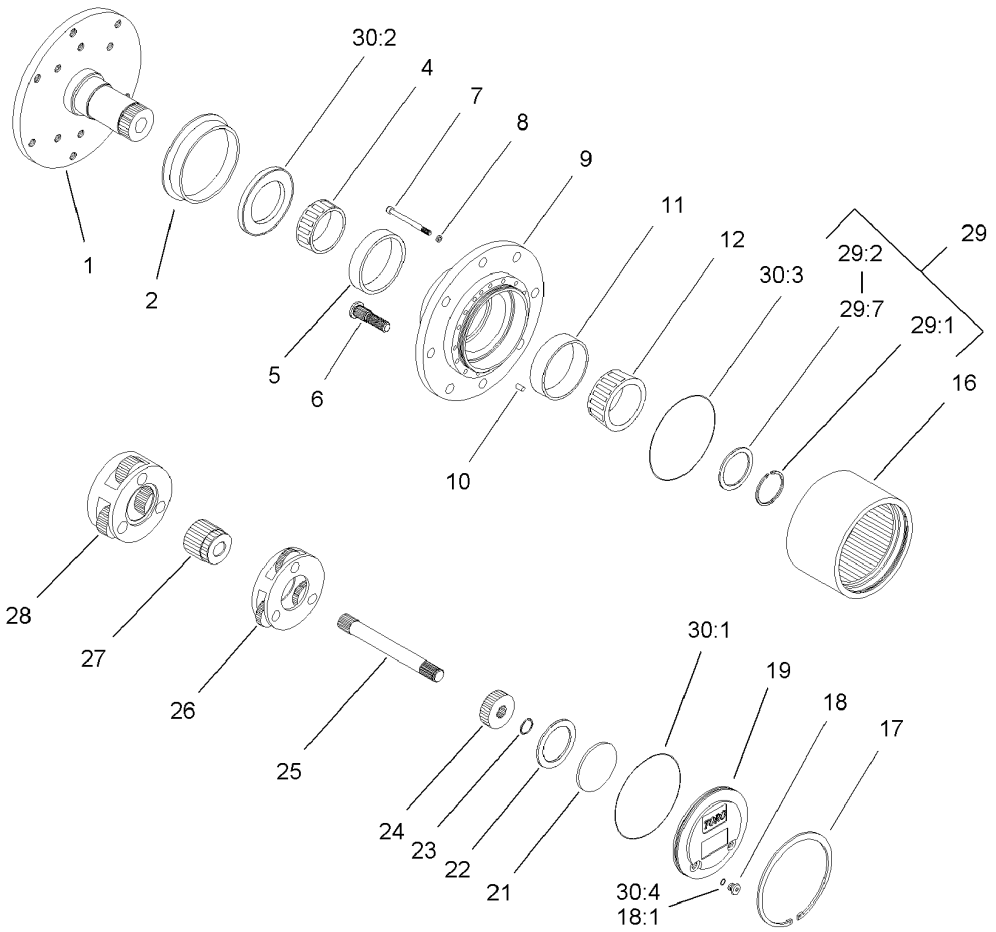
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 16 | 340-1 | 1 | Adapter |
| 16:1 | 237-35 | 1 | O-Ring |
| 16:2 | 237-42 | 1 | O-Ring |
| 17 | 340-82 | 2 | Adapter |
| 17:1 | 237-42 | 1 | O-Ring |
| 17:2 | 237-21 | 1 | O-Ring |
| 18 | 92-7455-03 | 1 | Plate-Bulkhead |
| 19 | 321-23 | 2 | Screw-HH |
| 21 | 3256-2 | 2 | Washer-Flat |
| 22 | 3296-42 | 2 | Nut-Lock, NI |
| 23 | 92-7645 | 1 | Fitting-Hyd, Swivel 90 DEG (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 | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 105-4500-03 | 2 | Planetary ASM |
| 2 | 100-3070-03 | 1 | Brake ASM |
| 3 | 92-7385 | 1 | HYD Motor ASM |
| ❷4 | | 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 | HYD Hose ASM |
| 9 | 92-7477 | 1 | Motor Drain Tube ASM |
| 10 | 92-7488 | 1 | Hydraulic Hose ASM |
| 11 | 340-18 | 1 | Fitting-Hyd, 90 DEG (Only On: 03807) |
| 11:1 | 237-79 | 1 | O-Ring (Only On: 03807) |
| 11:2 | 237-22 | 1 | O-Ring (Only On: 03807) |
| 12 | 340-142 | 4 | Fitting-Hyd, 90 DEG |
| 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 DEG |

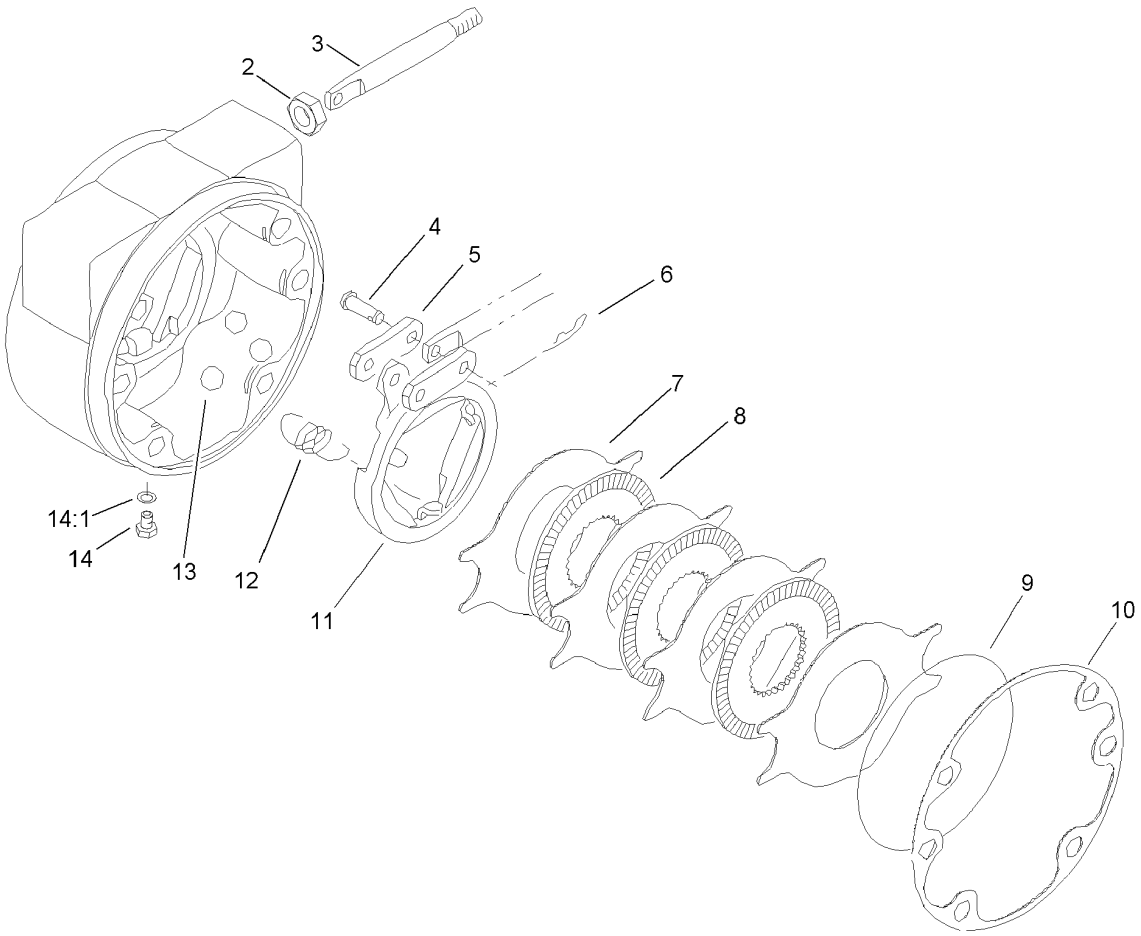
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 14:1 | 237-79 | 1 | O-Ring |
| 14:2 | 237-30 | 1 | O-Ring |
| 15 | 92-7598 | 1 | Front Drain Tube ASM (Only On: 03807) |
| 16 | 100-3069-03 | 1 | Brake ASM |
| 17 | 93-7476 | 1 | HYD Motor ASM |
| 18 | 3218-4 | 2 | Nut-Jam |
| 19 | 33106-090 | 8 | Screw-HHF |
| 20 | 33116-120 | 4 | Screw-HH |
| 21 | 237-166 | 2 | O-Ring |
| 22 | 93-7972 | 4 | Ring-Retaining, Internal |
| 23 | 100-3046 | 2 | Shaft-Brake, Splined |
| 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: 03806) |
| 28:1 | 237-79 | 1 | O-Ring (Only On: 03806) |
| 29 | 93-7984 | 2 | Gasket |
| 30 | 3256-26 | 4 | Washer-Flat |




# Planetary Assembly No. 105-4500-03

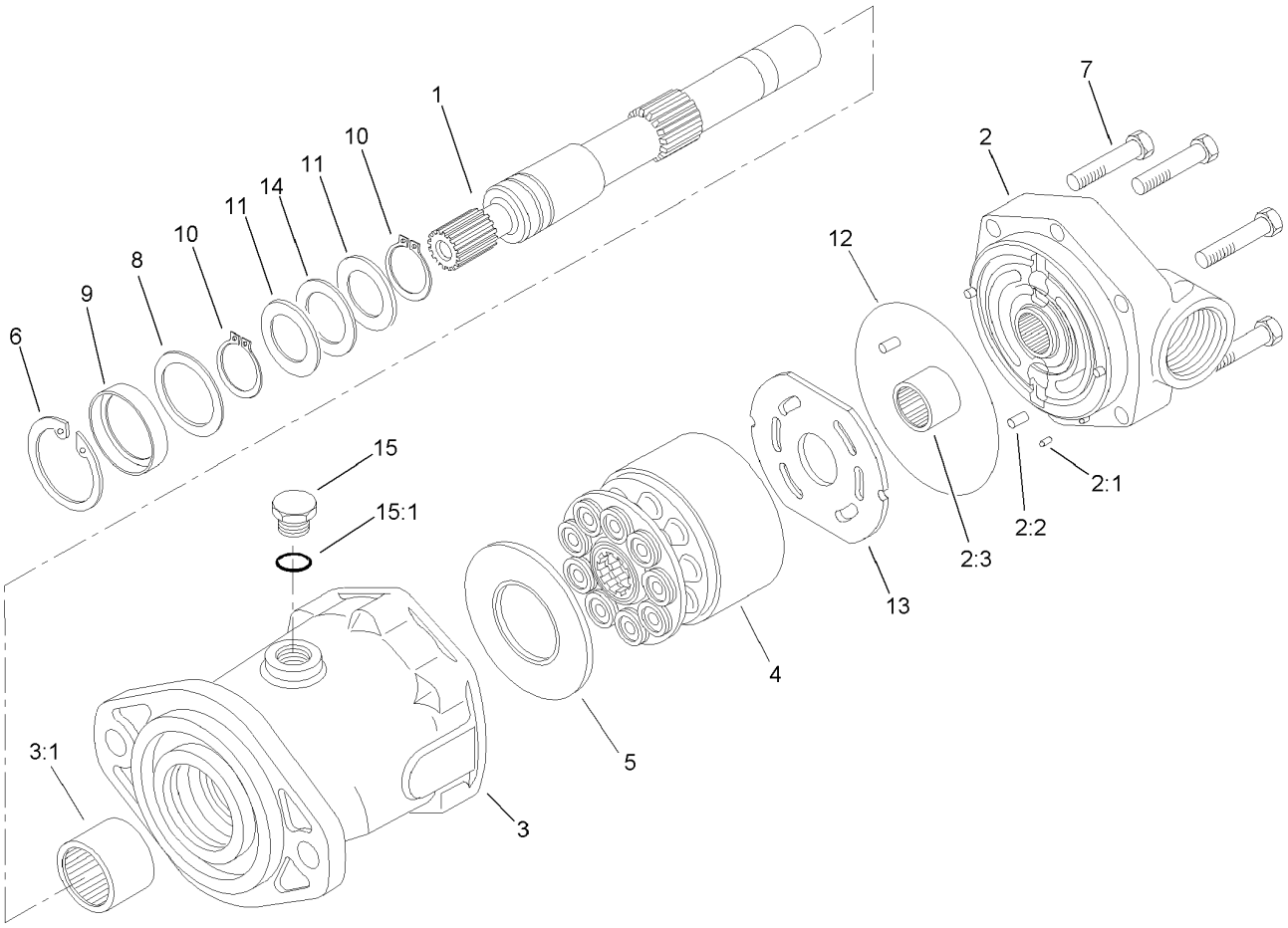
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Spindle |
| 2 | 105-8122 | 1 | Seal-Boot |
| 4 | 105-8120 | 1 | Bearing-Cone |
| 5 | 105-8119 | 1 | Bearing-Cup |
| 6 | 105-8124 | 8 | Stud-Wheel |
| 7 | 105-8125 | 16 | Bolt-Head, Socket |
| 8 | 3253-18 | 16 | Washer-Lock/sp |
| ❷9 | | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 29 | 105-8136 | 1 | Part Kit |
| ❷29:1 | | 1 | Ring-Snap |
| ❷29:2 | | 1 | Shim-Bearing, 2.9mm |
| ❷29:3 | | 1 | Shim-Bearing, 2.8mm |
| ❷29:4 | | 1 | Shim-Bearing, 2.7mm |
| ❷29:5 | | 1 | Shim-Bearing, 2.6mm |
| ❷29:6 | | 1 | Shim-Bearing, 2.5mm |
| ❷29:7 | | 1 | Shim-Bearing, 2.4mm |
| ❶30 | 105-8137 | 1 | Seal Kit |
| ❷30:1 | | 1 | O Ring-Flange Cap |
| ❷30:2 | | 1 | Seal-Oil |
| ❷30:3 | | 2 | O Ring-End Cap |
| 30:4 | 237-78 | 2 | O-Ring |



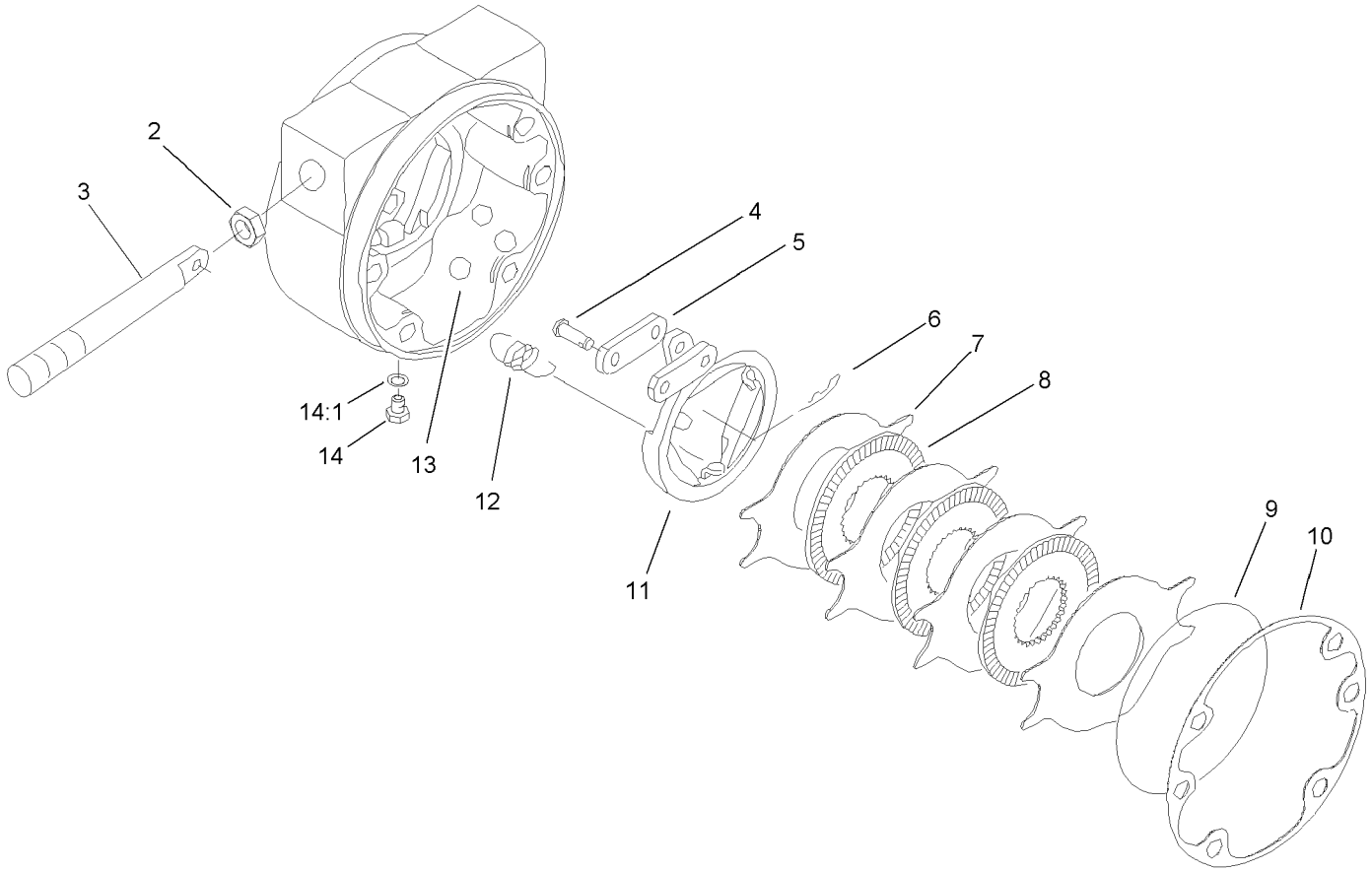

# Brake Assembly No. 100-3070-03

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 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 | 104-4279 | 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 |



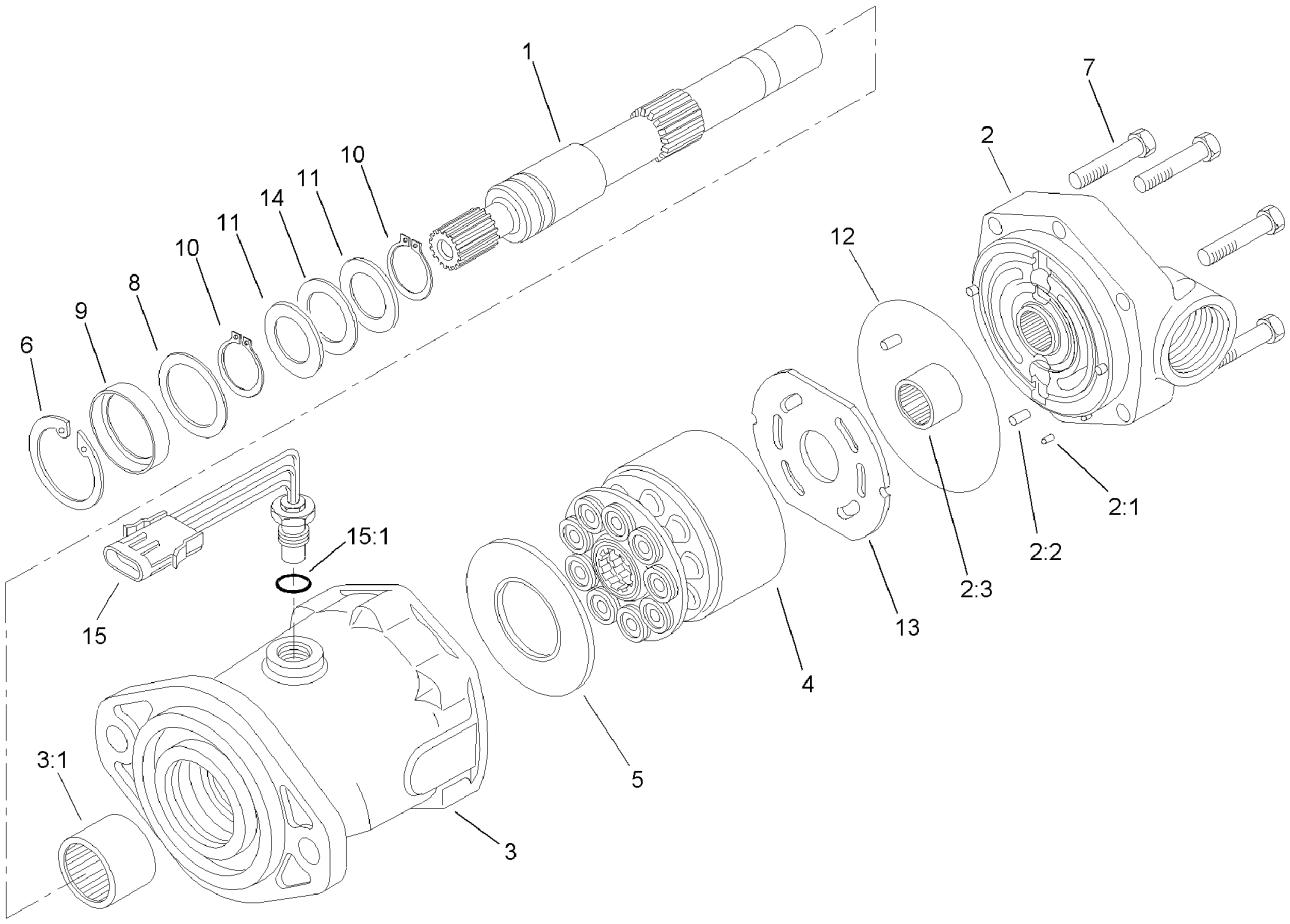

# Hydraulic Motor Assembly No. 92-7385

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 94-3004 | 1 | Shaft-Drive, Splined |
| 2 | 94-3005 | 1 | Backplate ASM |
| ❷2:1 | | 1 | Pin-Dowel |
| ❷2:2 | | 3 | Pin-Dowel |
| ❷2:3 | | 1 | Bearing-Needle |
| 3 | 94-3006 | 1 | Housing ASM |
| ❷3:1 | | 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 | 94-3007 | 1 | Washer |
| 9 | 105-3331 | 1 | Seal-Shaft |
| 10 | 76-7000 | 2 | Ring-Retaining |
| 11 | 76-6950 | 2 | Race-Thrust |
| 12 | 76-6980 | 1 | O-Ring |
| 13 | 94-3003 | 1 | Plate-Valve |
| 14 | 76-6960 | 1 | Bearing-Thrust |
| 15 | 94-3009 | 1 | Plug |
| ❷15:1 | | 1 | O-Ring |



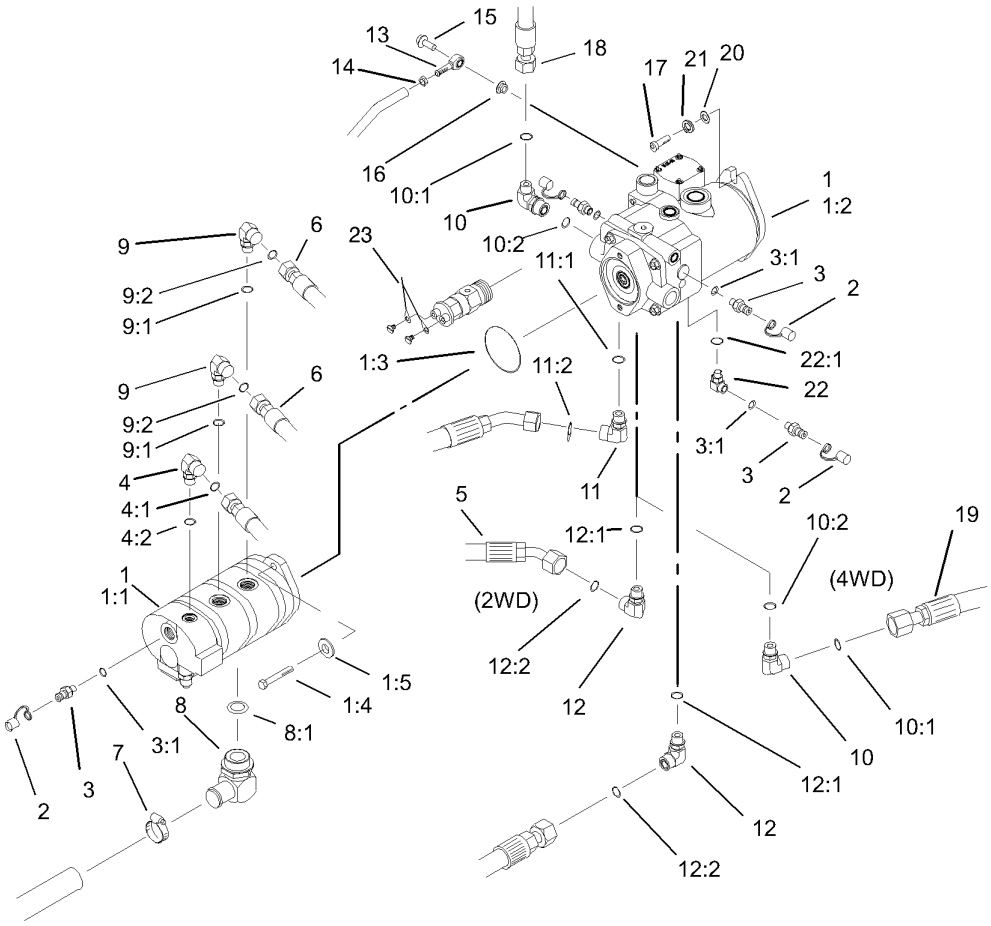

# Brake Assembly No. 100-3069-03

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




# Hydraulic Motor Assembly No. 93-7476

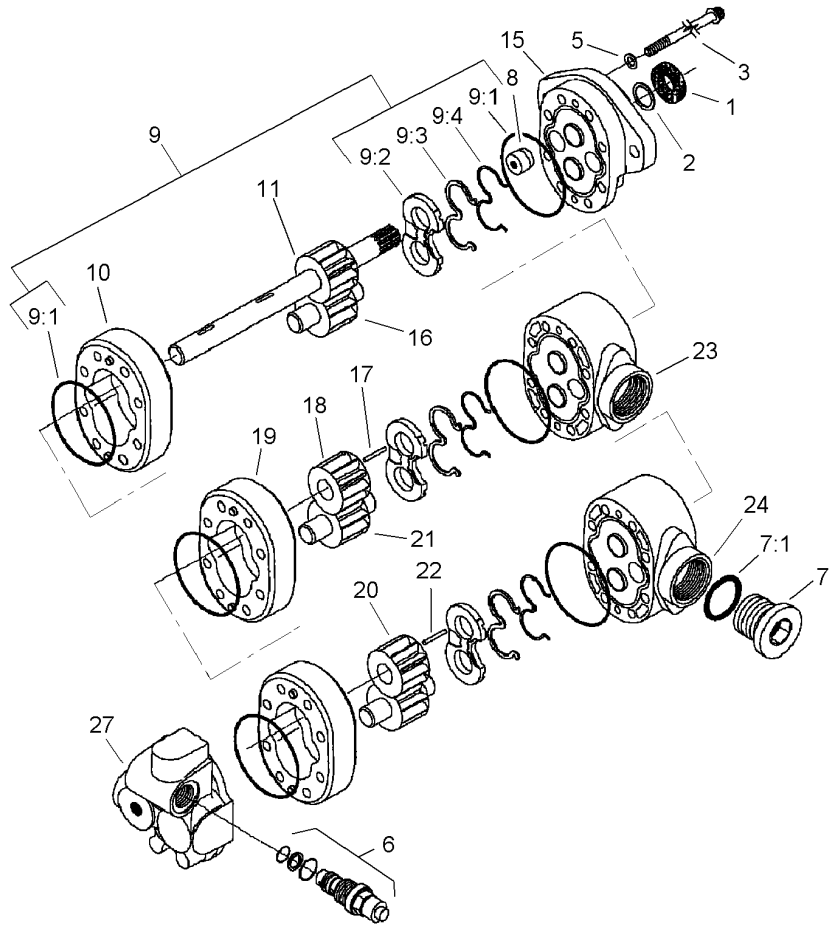
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 94-3004 | 1 | Shaft-Drive, Splined |
| 2 | 94-3005 | 1 | Backplate ASM |
| ❷2:1 | | 1 | Pin-Dowel |
| ❷2:2 | | 3 | Pin-Dowel |
| ❷2:3 | | 1 | Bearing-Needle |
| 3 | 94-3006 | 1 | Housing ASM |
| ❷3:1 | | 1 | Bearing-Needle |
| 4 | 76-6910 | 1 | Rotating Kit |
| 5 | 76-6970 | 1 | Insert-Plate, Cam |
| 6 | 76-7010 | 1 | Ring-Retaining |
| 7 | 94-3002 | 6 | Capscrew |
| 8 | 94-3007 | 1 | Washer |
| 9 | 105-3331 | 1 | Seal-Shaft |
| 10 | 76-7000 | 2 | Ring-Retaining |
| 11 | 76-6950 | 2 | Race-Thrust |
| 12 | 76-6980 | 1 | O-Ring |
| 13 | 94-3003 | 1 | Plate-Valve |
| 14 | 76-6960 | 1 | Bearing-Thrust |
| 15 | 94-3010 | 1 | Sensor-Speed, Pickup |
| ❷15:1 | | 1 | O-Ring |




# Hydraulic Pump Installation Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 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 |
| 3 | 354-77 | 4 | Fitting-Quick |
| 3:1 | 237-78 | 1 | O-Ring |
| 4 | 340-77 | 1 | Fitting-Hyd, 90 DEG |
| 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 DEG |
| 8:1 | 237-101 | 1 | O-Ring |
| 9 | 340-105 | 2 | Fitting-Hyd, 90 DEG |
| 9:1 | 237-80 | 1 | O-Ring |
| 9:2 | 237-30 | 1 | O-Ring |
| 10 | 340-15 | 1 | Fitting-Hyd, 90 DEG (Only On: 03806) |
| 10 | 340-15 | 2 | Fitting-Hyd, 90 DEG (Only On: 03807) |

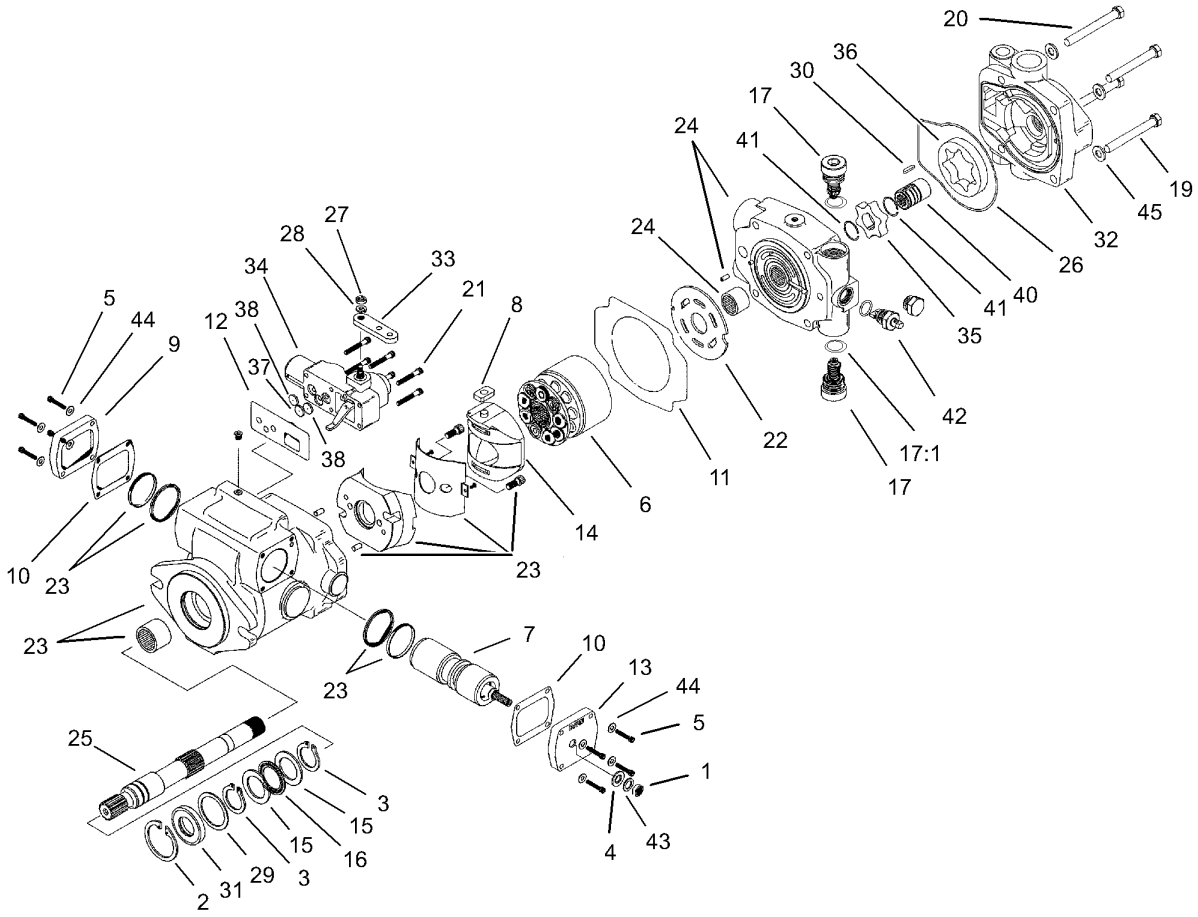
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10:1 | 237-58 | 1 | O-Ring |
| 10:2 | 237-146 | 1 | O-Ring |
| 11 | 104-3796 | 1 | Fitting-Hyd, 90 DEG |
| 11:1 | 237-81 | 1 | O-Ring |
| 11:2 | 340-65 | 1 | O-Ring |
| 12 | 340-129 | 1 | Fitting-Hyd, 90 DEG (Only On: 03807) |
| 12 | 340-129 | 2 | Fitting-Hyd, 90 DEG (Only On: 03806) |
| 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 | 87-7270 | 2 | Washer-Thrust |
| 21 | 3253-7 | 2 | Washer-Lock (Only On: 03807) |
| 22 | 75-6640 | 1 | Fitting-Hyd, Special |
| 22:1 | 237-78 | 1 | O-Ring |
| 23 | 105-0122 | 1 | Harness-Wire |




# Gear Pump Assembly No. 105-3317

| Ref | 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 |
| ❷7:1 | | 1 | O-Ring |
| 8 | 94-3011 | 1 | Plug |
| 9 | 94-3015 | 1 | Seal Kit |
| 9:1 | 56-6710 | 6 | O-Ring |
| ❷9:2 | | 3 | Plate-Wear |
| ❷9:3 | | 3 | Seal-Pressure, Balance |
| ❷9:4 | | 3 | Gasket-Backup |
| ❷10 | | 1 | Body |
| ❷11 | | 1 | Drive Gear ASM |
| ❷15 | | 1 | Front Plate ASM |
| ❷16 | | 1 | Gear-Idler |
| ❷17 | | 1 | Key |
| ❷18 | | 1 | Gear |
| ❷19 | | 1 | Body |
| ❷20 | | 1 | Gear |
| ❷21 | | 1 | Gear-Idler |
| ❷22 | | 1 | Key |
| ❷23 | | 1 | Plate-Adaptor |

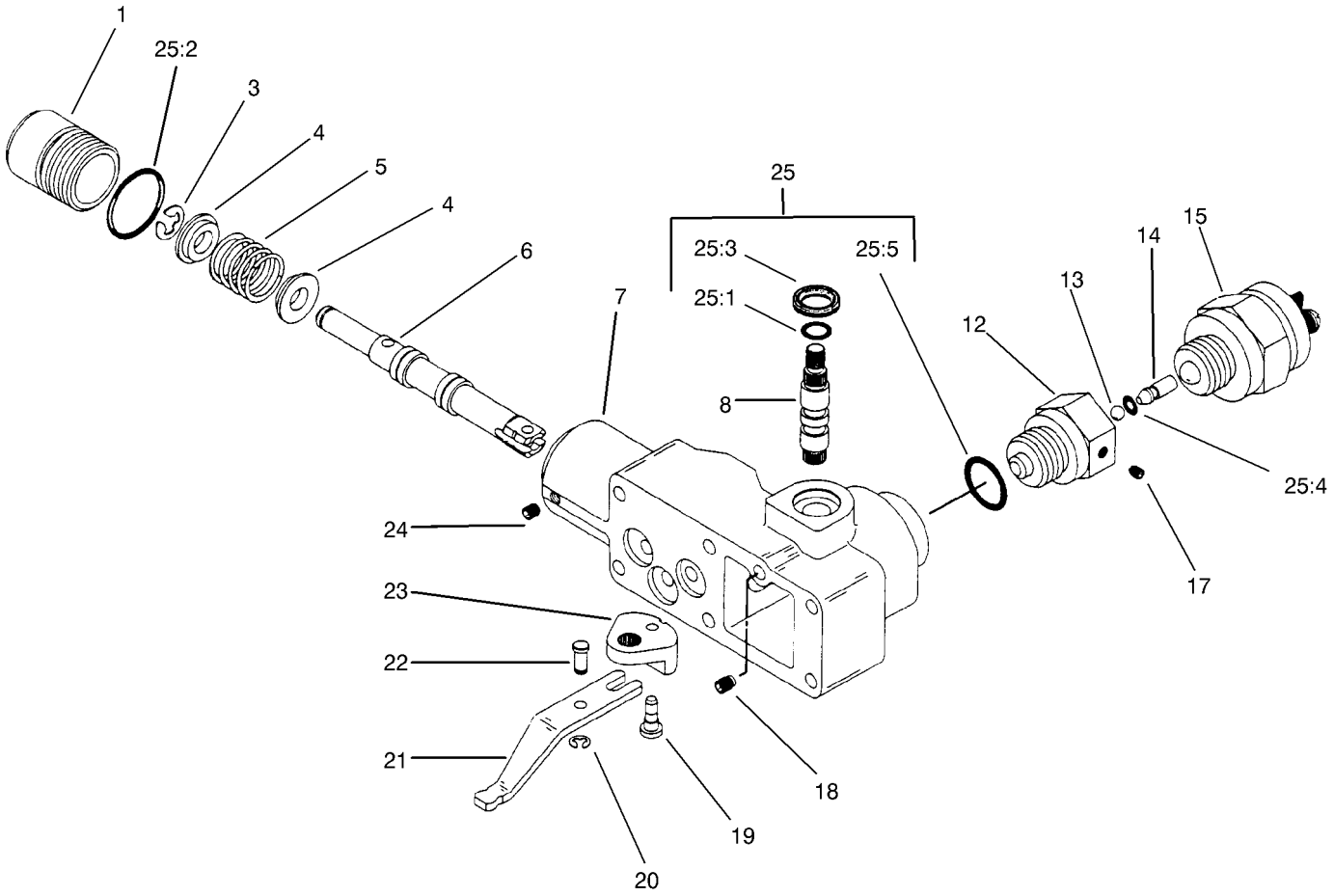
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷24 | | 1 | Plate-Adaptor |
| ❷27 | | 1 | Body |




# Piston Pump Assembly No. 105-3356

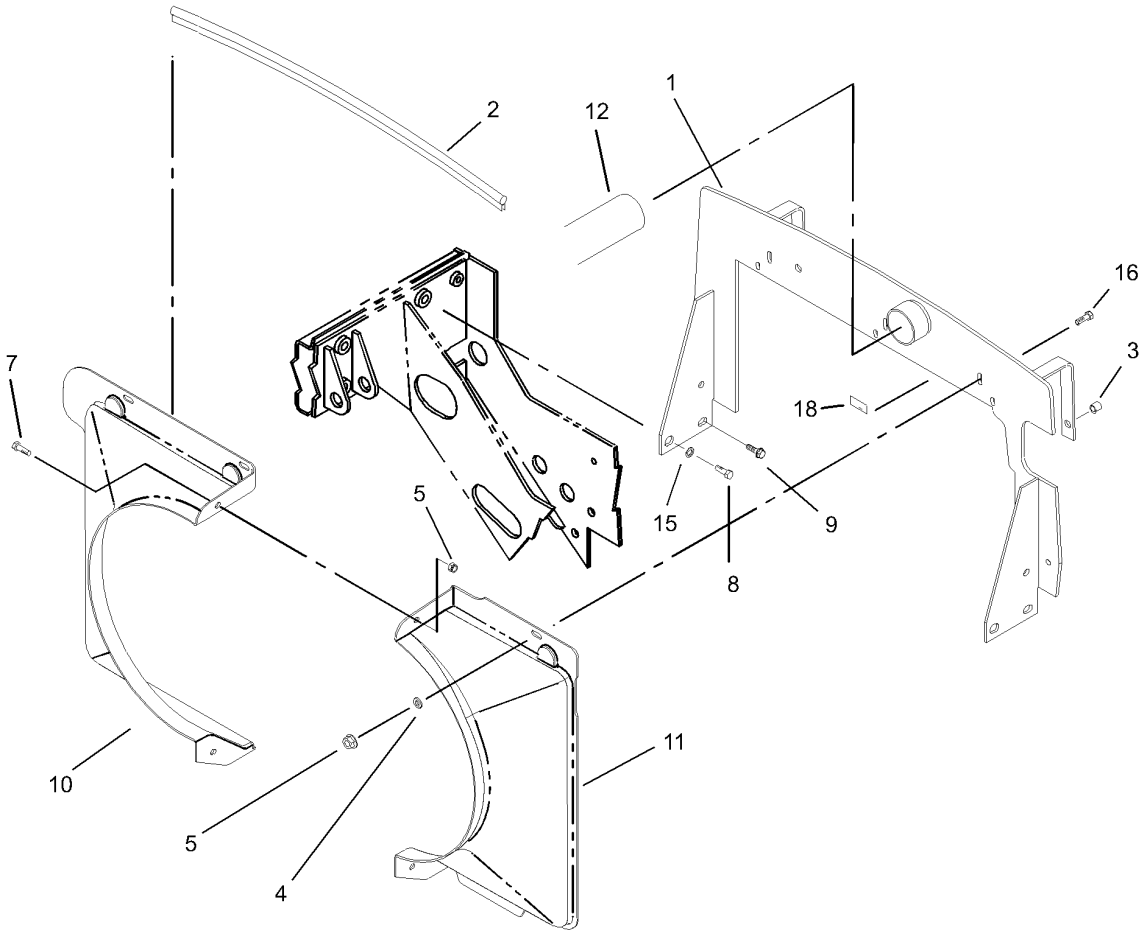
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3220-2 | 1 | Nut-Jam |
| 2 | 60-6260 | 1 | Ring |
| 3 | 76-7000 | 2 | Ring-Retaining |
| 4 | 94-3027 | 1 | Washer-Seal |
| 5 | 93-6337 | 8 | Screw |
| 6 | 93-6322 | 1 | Rotating Kit |
| 7 | 105-2856 | 1 | Servo Piston ASM |
| 8 | 94-3032 | 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-Housing, Control |
| 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 |
| ❷17:1 | | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 94-3020 | 1 | Shaft-Drive |
| 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 |
| 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 |



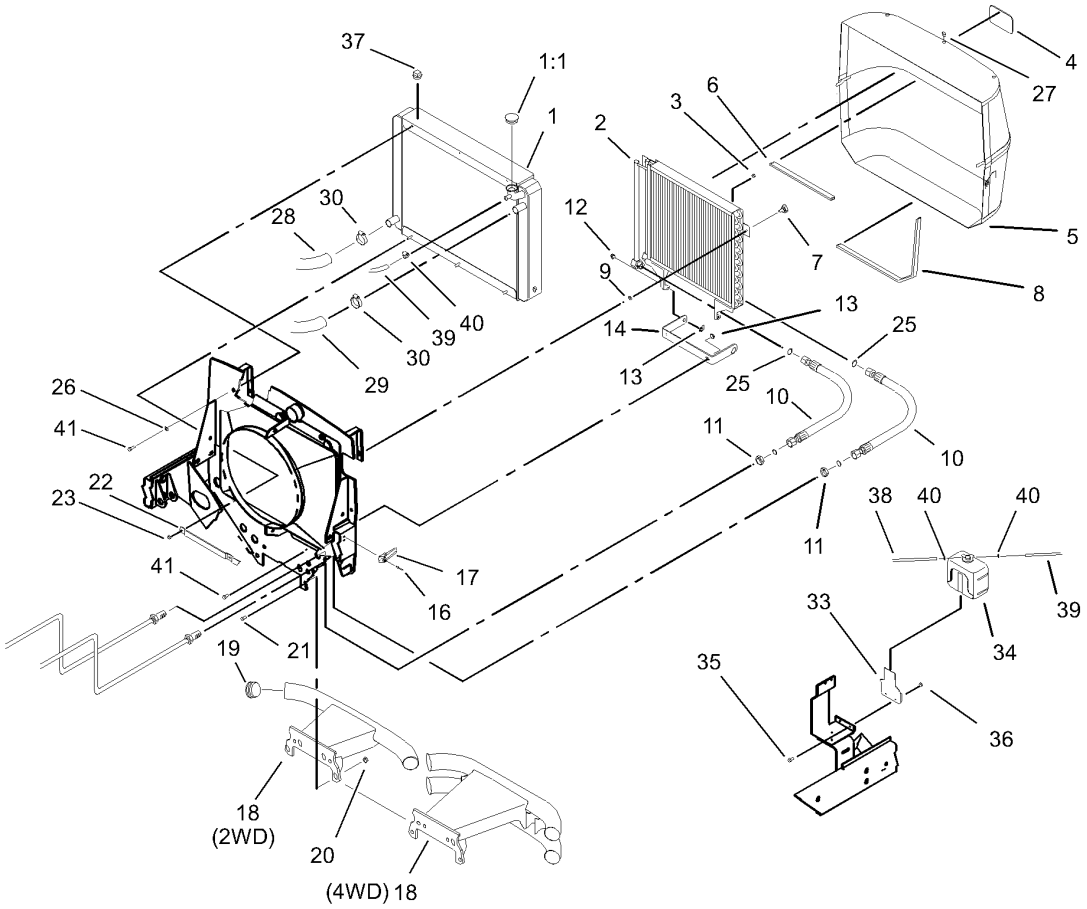

# Control Assembly No. 93-6306

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Plug |
| ❷3 | | 1 | Ring-Retaining |
| ❷4 | | 2 | Retainer-Spring |
| ❷5 | | 1 | Spring |
| ❷6 | | 1 | Valve-Spool |
| ❷7 | | 1 | Housing-Control |
| ❷8 | | 1 | Shaft-Input |
| ❷12 | | 1 | Adaptor |
| ❷13 | | 1 | Ball |
| ❷14 | | 1 | Pin |
| 15 | 94-3043 | 1 | Switch-Safety, Neutral |
| ❷17 | | 1 | Screw-Set |
| ❷18 | | 1 | Screw-Set |
| ❷19 | | 1 | Pin |
| ❷20 | | 1 | Ring-Retaining |
| ❷21 | | 1 | Link |
| ❷22 | | 1 | Pin-Dowel |
| ❷23 | | 1 | Crank-Bell |
| ❷24 | | 1 | Screw-Set |
| 25 | 94-3044 | 1 | Seal Kit |
| ❷25:1 | | 1 | O-Ring |
| ❷25:2 | | 1 | O-Ring |
| ❷25:3 | | 1 | Seal-Wiper |
| ❷25:4 | | 1 | O-Ring |
| ❷25:5 | | 1 | O-Ring |




# Radiator Support and Shroud Assembly

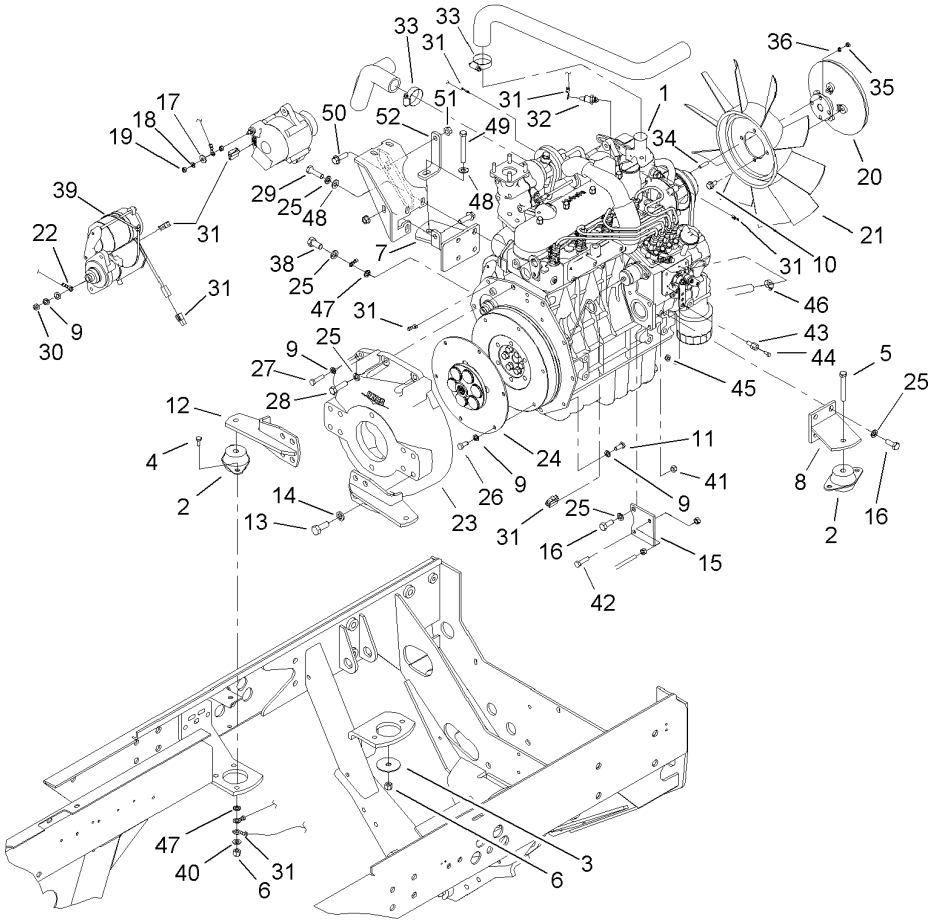
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-3783-03 | 1 | Support-Radiator |
| 2 | 93-7553 | 1 | Seal-Hood |
| 3 | 32148-10 | 2 | Insert-Threaded |
| 4 | 3256-56 | 3 | Washer-Flat |
| 5 | 32128-20 | 5 | Nut-HF |
| 7 | 3234-5 | 2 | Screw |
| 8 | 33118-025 | 2 | Screw-HH |
| 9 | 3234-1 | 2 | Screw-HHF |
| 10 | 105-0104 | 1 | Shroud-Fan, RH |
| 11 | 105-0103 | 1 | Shroud-Fan, LH |
| 12 | 104-5209 | 1 | Hose-Air Cleaner |
| 15 | 3256-27 | 2 | Washer-Flat |
| 16 | 3230-2 | 3 | Bolt-CARR |
| 18 | 93-6681 | 1 | Decal-Warning, Fan |




# Radiator and Screen Assembly

| Ref | 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 |
| 5 | 92-7505-03 | 1 | Screen |
| 6 | 92-7631 | 1 | Seal-Screen |
| 7 | 77-3620 | 2 | Knob-Retainer |
| 8 | 93-4208 | 1 | Seal-Screen, Strip |
| 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 | 4 | Nut-HF |
| 14 | 92-7516-03 | 1 | Bracket-Support, Cooler Base |
| 16 | 3269-4 | 4 | Rivet-Pop |
| 17 | 105-9296 | 2 | Latch-Draw |
| 18 | 100-3758-03 | 1 | Bumper (Only On: 03807) |
| 18 | 100-3776-03 | 1 | Bumper-Short (Only On: 03806) |
| 19 | 2410-42 | 2 | Cap-End (Only On: 03806) |
| 19 | 2410-42 | 4 | Cap-End (Only On: 03807) |
| 20 | 3296-23 | 4 | Nut-Lock, NI |
| 21 | 325-6 | 4 | Screw-HH |
| 22 | 92-7416-03 | 1 | Strap-Radiator |

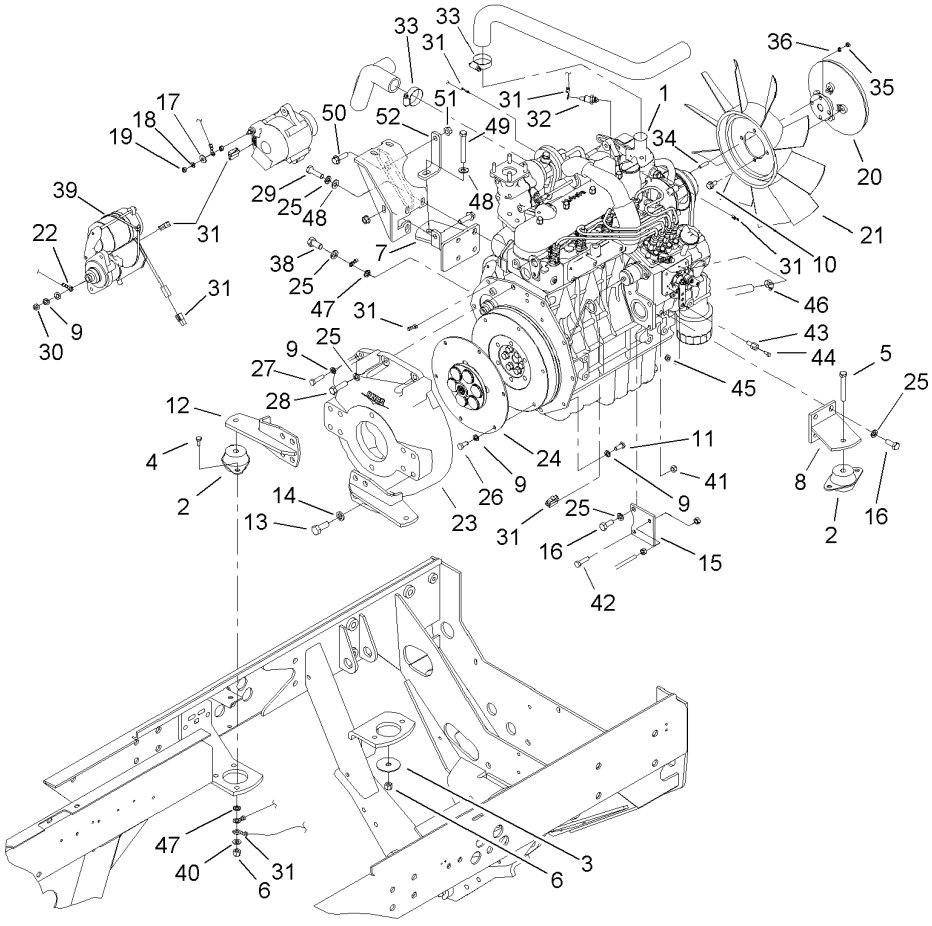
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 3296-29 | 3 | Nut-Lock, NI |
| 25 | 237-65 | 2 | O-Ring |
| 26 | 3256-23 | 3 | Washer-Flat |
| 27 | 2410-64 | 3 | Plug-Button |
| 28 | 104-3781 | 1 | Hose-Radiator, Lower |
| 29 | 104-3782 | 1 | Hose-Radiator, Upper |
| 30 | 2412-34 | 2 | Clamp-Hose |
| 33 | 98-4576 | 1 | Bracket-Reservoir Water |
| 34 | 104-9318 | 1 | Bottle-Overflow |
| 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 |




# Engine Installation Assembly

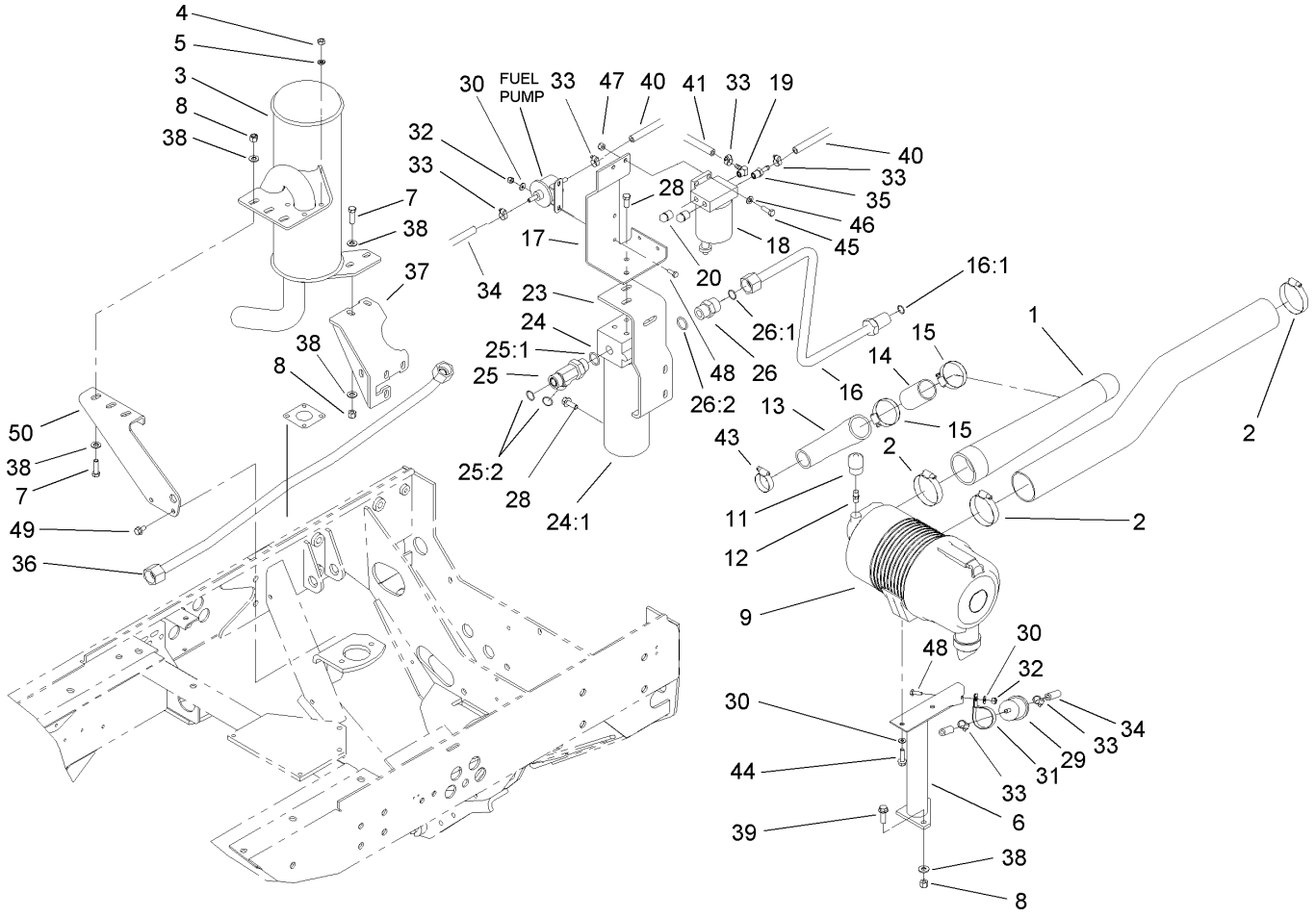
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-7050 | 1 | Engine-Kubota |
| 2 | 53-9680 | 4 | Mount-Engine |
| 3 | 87-5100 | 4 | Washer-Snubbing |
| 4 | 323-7 | 7 | Screw-HH |
| 5 | 323-13 | 3 | Screw-HH |
| 6 | 3296-39 | 11 | Nut-Lock, NI |
| 7 | 105-7914-03 | 1 | Bracket-Engine |
| 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 |
| 23 | 105-0100 | 1 | Flywheel Housing ASM |
| 24 | 105-0101 | 1 | Flywheel Coupling ASM |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 42-9600 | 12 | Lockwasher-Spring |
| 26 | 33114-016 | 6 | Screw-HH |
| 27 | 33114-030 | 6 | Screw-HH |
| 28 | 87-3700 | 2 | Screw-Cap, HH |
| 29 | 99-6058 | 3 | Screw-Cap |
| 30 | 57-6390 | 1 | Nut-Jam |
| 31 | 106-5972 | 1 | Harness-Wire |
| 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 | 43-0090 | 1 | Screw-HH |
| 39 | 3290-379 | 2 | Tie-Cable |
| 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 |
| 47 | 3255-9 | 2 | Washer-Lock, Ext |
| 48 | 48-9220 | 4 | Washer |
| 49 | 323-14 | 1 | Screw-HH |




# Engine Installation Assembly (continued)

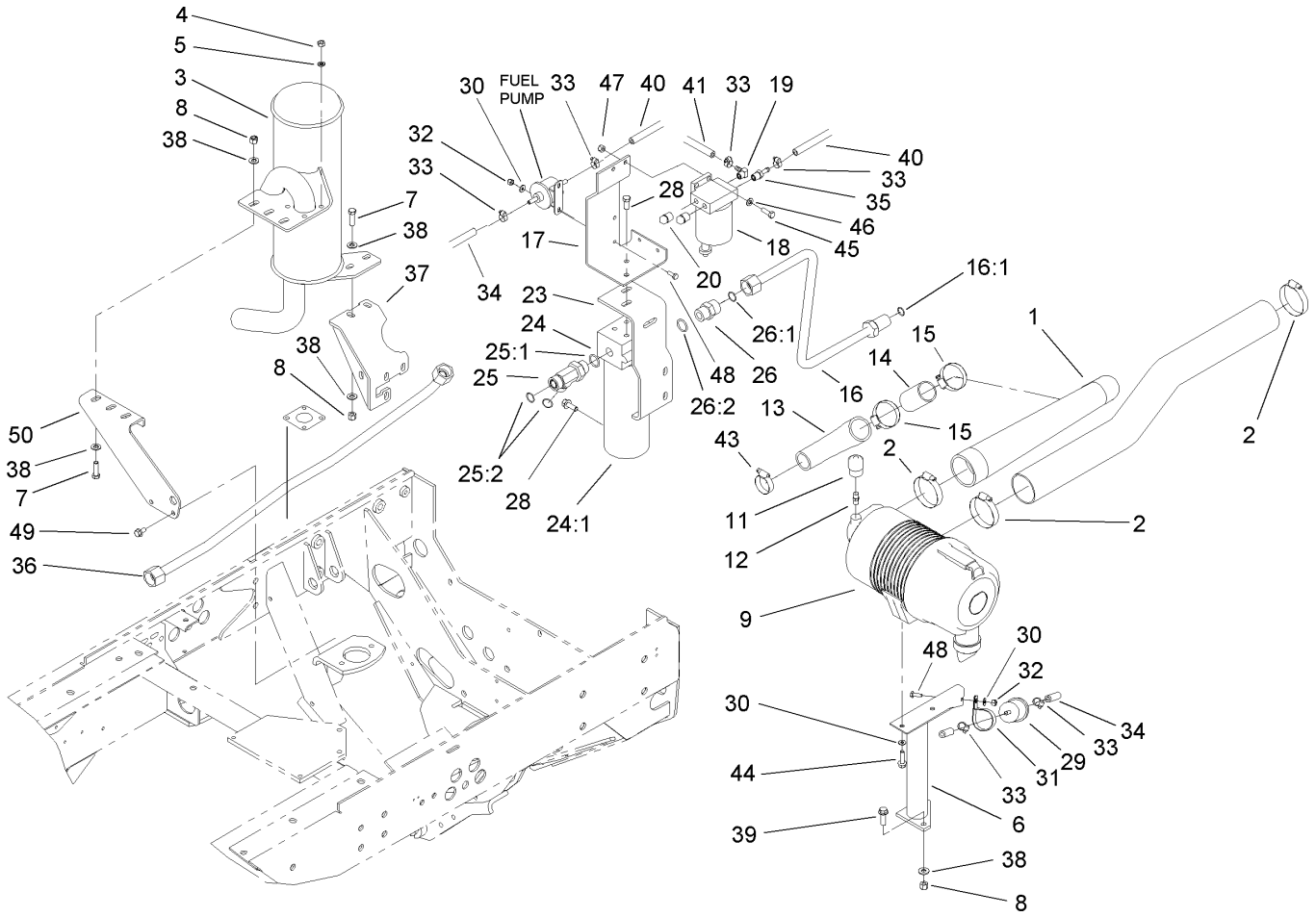
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 50 | 66-9300 | 2 | Screw-HF |
| 51 | 32128-21 | 2 | Nut-HF |
| 52 | 105-7931-03 | 1 | Bracket-Support |




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

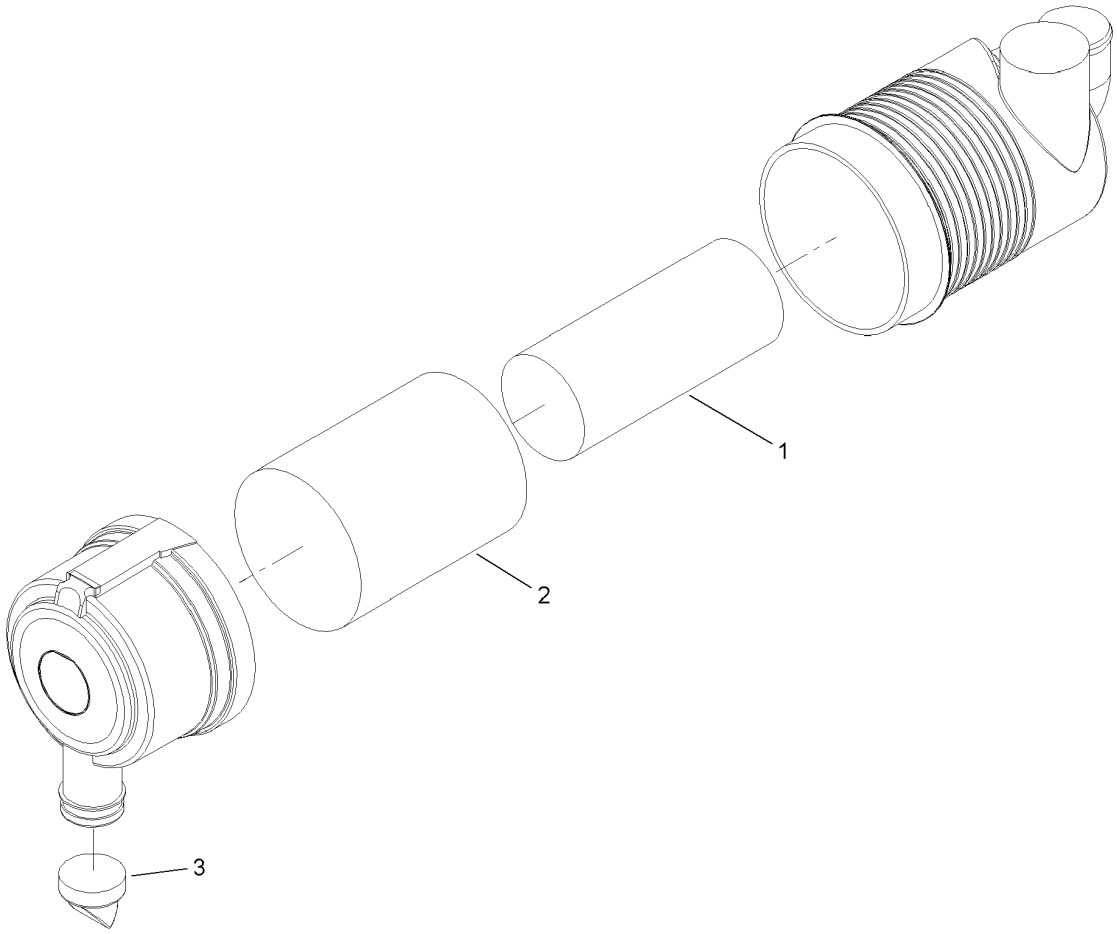
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-5208 | 1 | Hose-Turbo, Air Cleaner |
| 2 | 2412-125 | 3 | Clamp-Hose |
| 3 | 105-9260 | 1 | Muffler ASM |
| 4 | 33014-00 | 4 | Nut-Hex |
| 5 | 42-9850 | 6 | Washer-Lock, Spring |
| 6 | 106-7792-03 | 1 | Support-Filter, Air |
| 7 | 323-7 | 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-Separator, Fuel |
| 18 | 98-9305 | 1 | Water/fuel Filter ASM |
| 19 | 353-781 | 1 | Fitting-Elbow |
| 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 |
| 25 | 340-148 | 1 | Fitting-Tee |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25:1 | 237-81 | 1 | O-Ring |
| 25:2 | 237-58 | 2 | O-Ring |
| 26 | 340-9 | 1 | Fitting-Hyd, Straight |
| 26:1 | 237-58 | 1 | O-Ring |
| 26:2 | 237-81 | 1 | O-Ring |
| 28 | 3234-25 | 4 | Screw-HHF |
| 29 | 98-7612 | 1 | Filter-Fuel |
| 30 | 3256-1 | 5 | Washer-Flat |
| 31 | 2412-147 | 1 | Clamp |
| 32 | 3296-42 | 3 | Nut-Lock, NI |
| 33 | 2412-108 | 6 | Clamp-Worm |
| 34 | 93-2043 | 1 | Hose-Fuel |
| 35 | 353-783 | 1 | Fitting |
| 36 | 104-3749 | 1 | HYD Tube ASM |
| 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 |
| 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 |



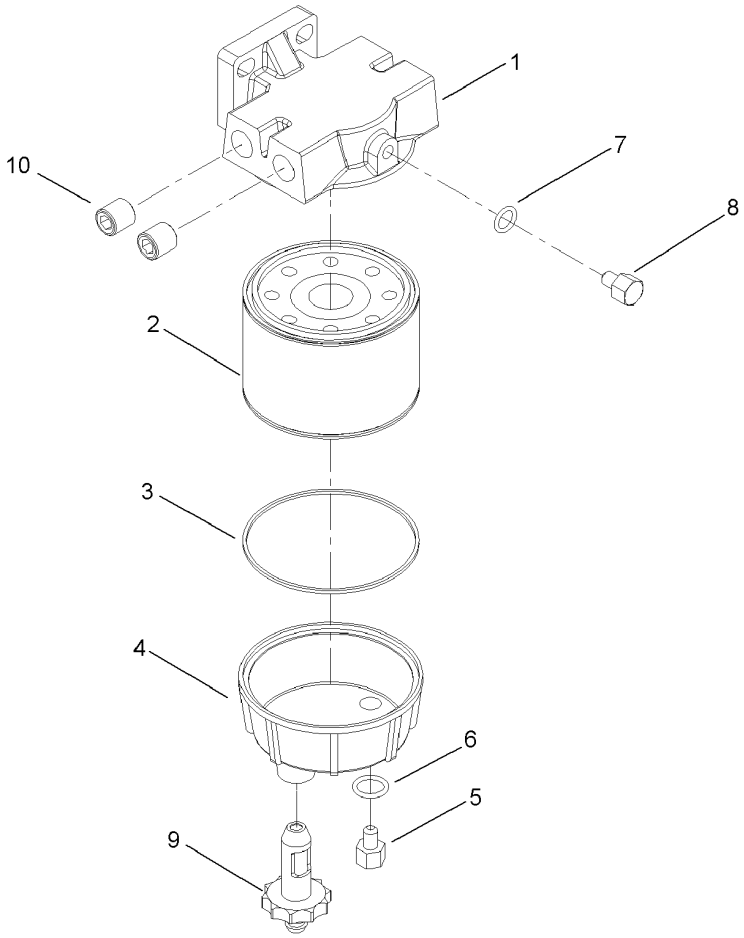

# Oil/Water/Fuel Filter, Muffler and Air Cleaner Assembly (continued)

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 48 | 321-4 | 3 | Screw-HH |
| 49 | 33114-016 | 2 | Screw-HH |
| 50 | 105-9258-03 | 1 | Bracket-Muffler, Upper |



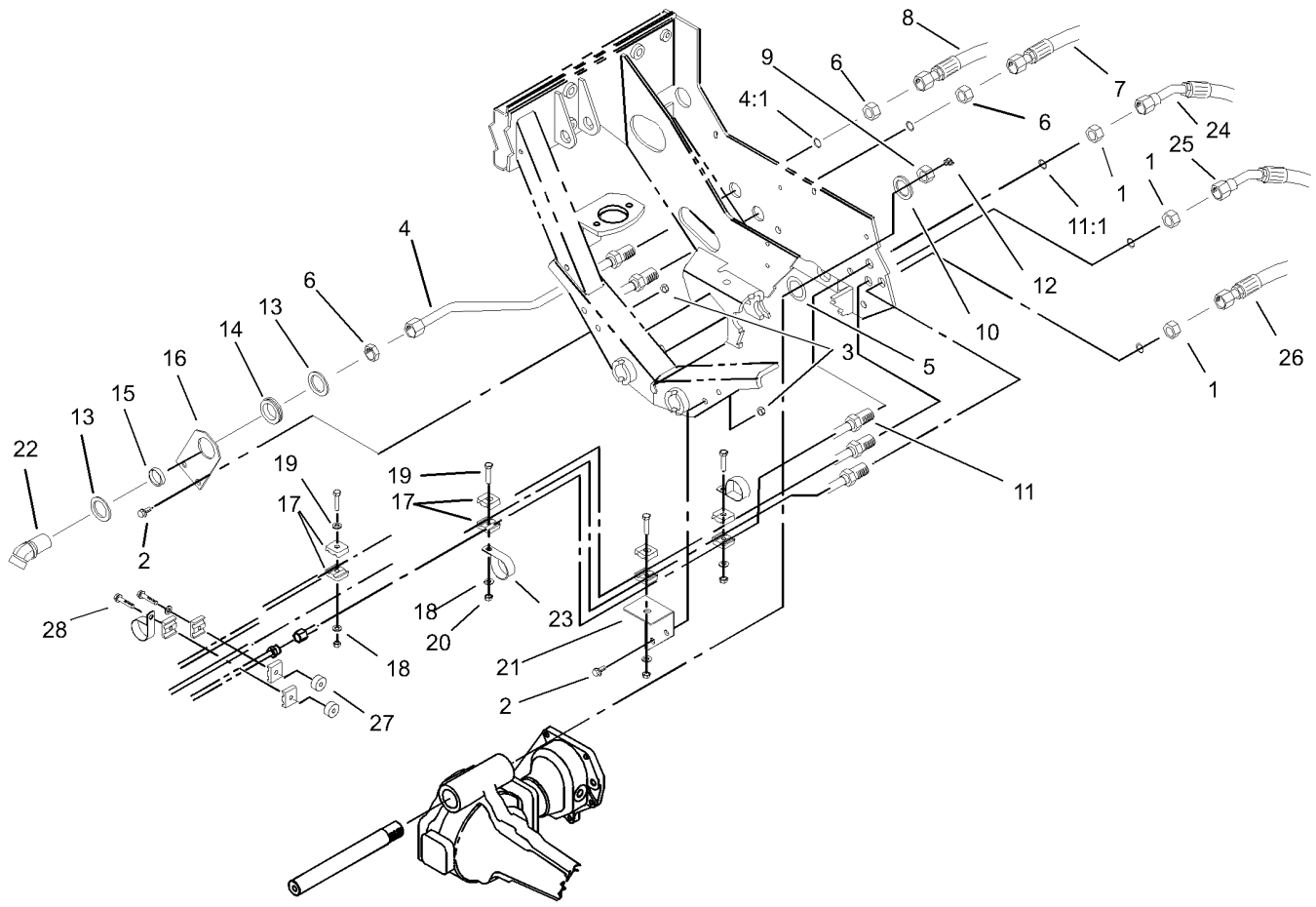

# Air Filter Assembly No. 100-2597

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




# Water/Fuel Filter Assembly No. 98-9305

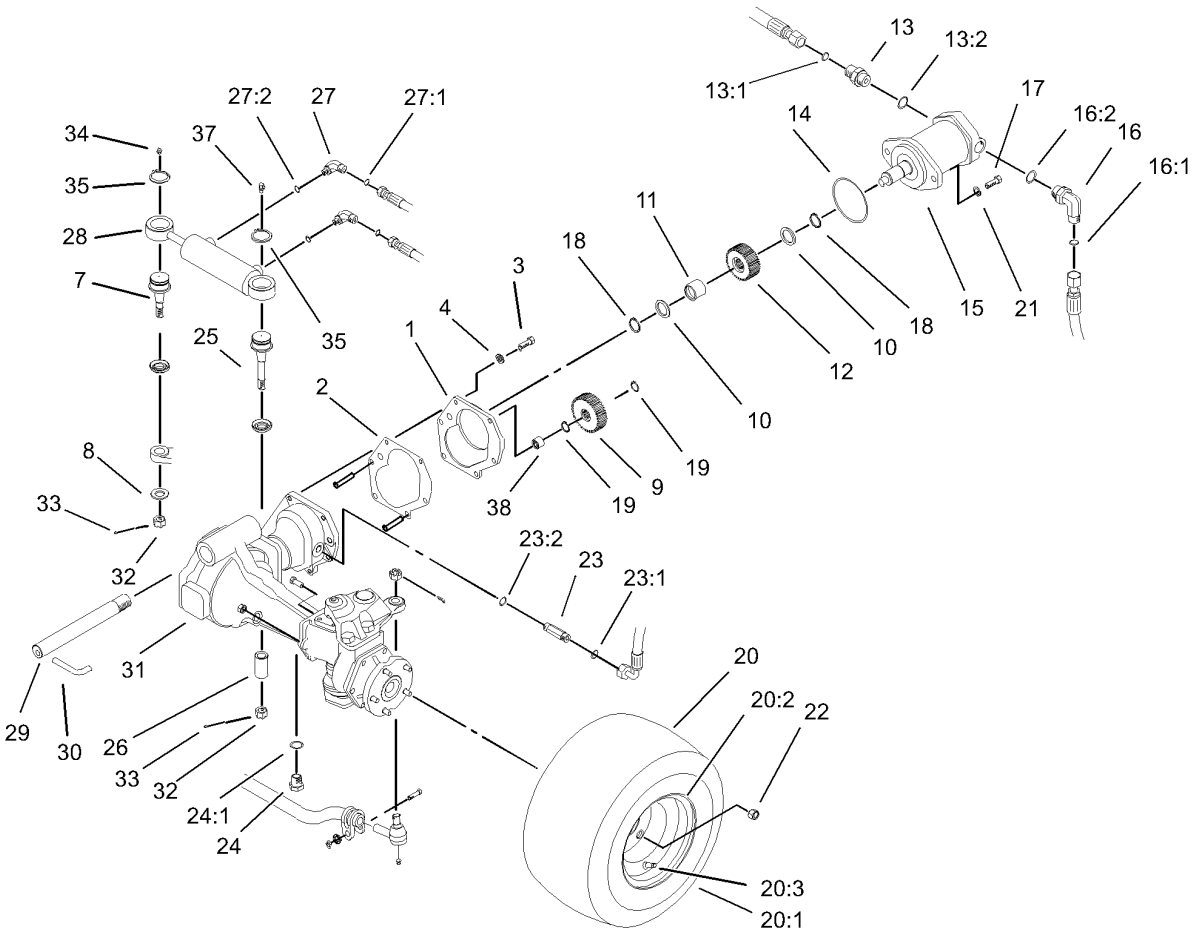
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9772 | 1 | Head-Filter |
| 2 | 98-9764 | 1 | Element |
| 3 | 98-9774 | 1 | O-Ring-Base, Filter |
| 4 | 98-9775 | 1 | Base-Filter |
| 5 | 98-9773 | 1 | Plug-Base, Filter |
| 6 | 237-42 | 1 | O-Ring |
| 7 | 237-78 | 1 | O-Ring |
| 8 | 98-9776 | 1 | Plug-Head, Filter |
| 9 | 98-9777 | 1 | Drain Valve ASM |
| 10 | 285-22 | 2 | Plug-Pipe |




# Rear Hydraulic Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 340-70 | 3 | Nut-Lock (Only On: 03807) |
| 1 | 340-70 | 2 | Nut-Lock (Only On: 03806) |
| 2 | 323-6 | 2 | Screw-HH (Only On: 03806) |
| 2 | 323-6 | 4 | Screw-HH (Only On: 03807) |
| 3 | 32128-21 | 4 | Nut-HF (Only On: 03807) |
| 3 | 32128-21 | 2 | Nut-HF (Only On: 03806) |
| 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) |
| 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 | 10 | Clamp-Tube (Only On: 03806) |

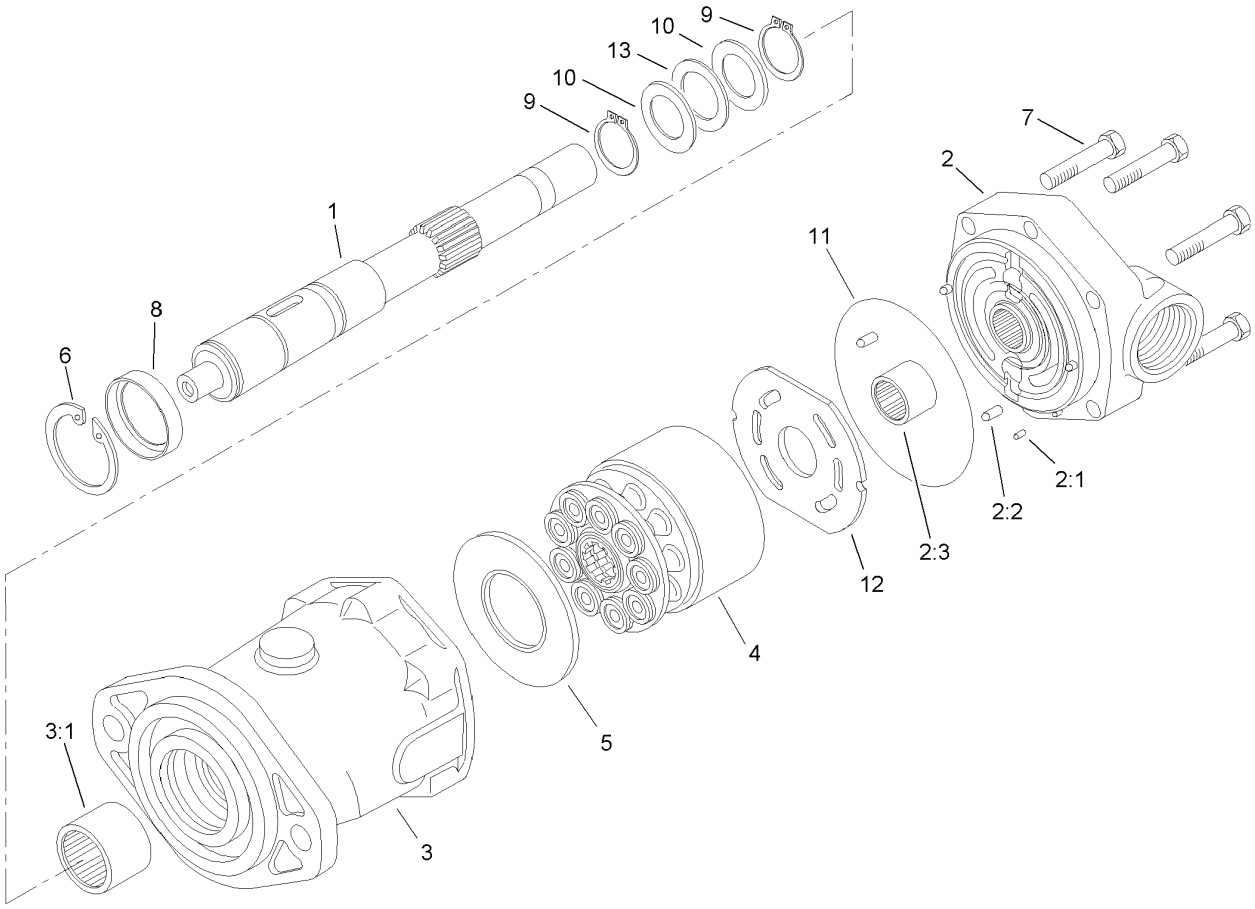
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 17 | 56-7973 | 12 | Clamp-Tube (Only On: 03807) |
| 18 | 3256-23 | 6 | Washer-Flat |
| 19 | 322-7 | 4 | Screw-HH |
| 20 | 3296-47 | 4 | Nut-Lock, NI |
| 21 | 104-3752-03 | 1 | Bracket-Clamp |
| 22 | 105-0144 | 1 | Fitting-45 DEG (Only On: 03807) |
| 23 | 2412-147 | 3 | Clamp |
| 24 | 92-7534 | 1 | Hose ASM (Only On: 03807) |
| 25 | 92-7539 | 1 | Hose ASM (Only On: 03807) |
| 26 | 92-7538 | 1 | Hose ASM (Only On: 03807) |
| 27 | 80-8660 | 2 | Spacer-Coupler |
| 28 | 32104-37 | 2 | Screw-HWH |




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

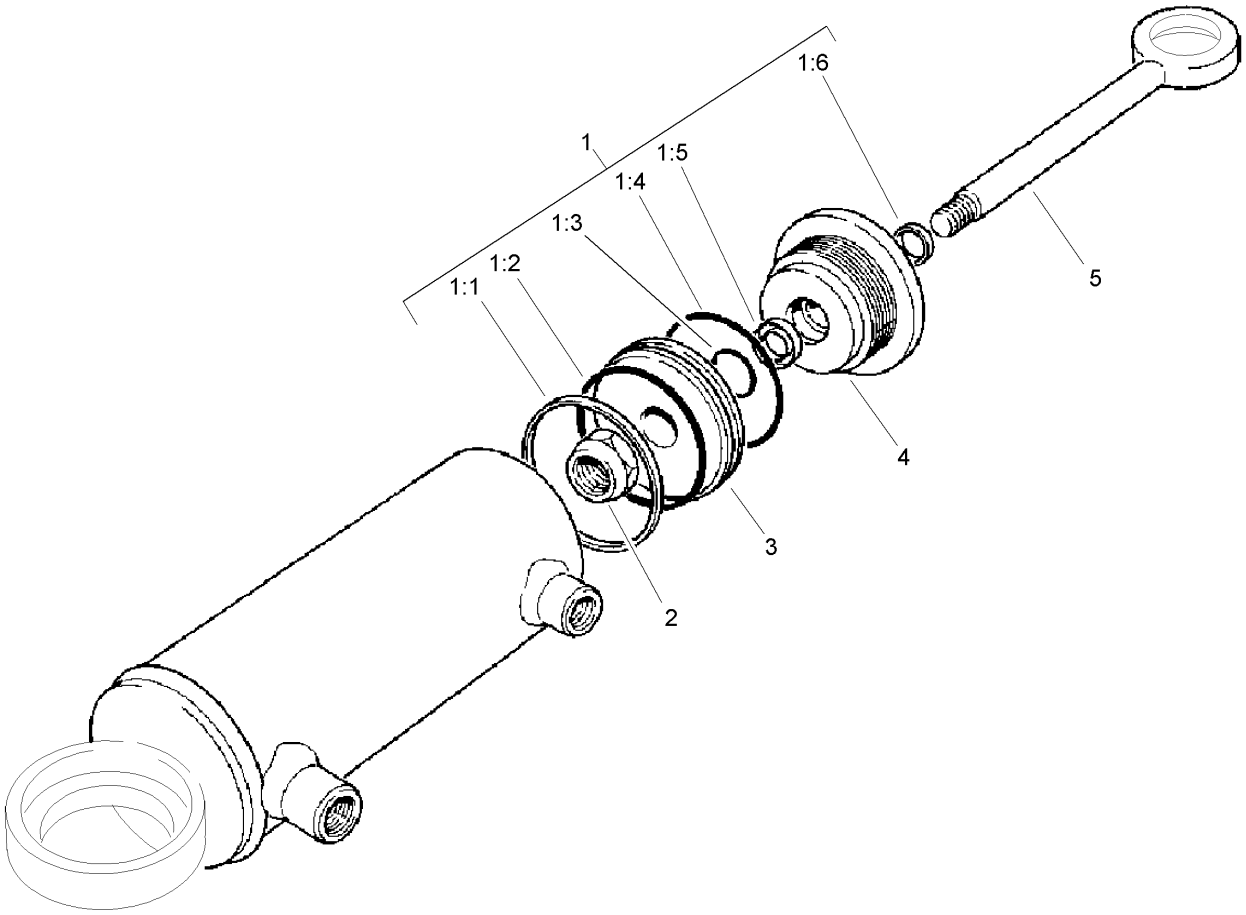
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7541 | 1 | Plate-Cover |
| 2 | 95-7540 | 1 | Gasket |
| 3 | 33114-025 | 6 | Screw-HH |
| 4 | 3253-4 | 6 | Washer-Lock |
| 7 | 92-5838-01 | 1 | Joint-Ball |
| 8 | 92-5836 | 1 | Washer |
| 9 | 100-3774 | 1 | Gear-Driven, 10 Pitch |
| 10 | 71-4590 | 2 | Washer-Thrust |
| 11 | 71-4580 | 1 | Bearing |
| 12 | 100-3775 | 1 | Gear-Driver, 10 Pitch |
| 13 | 340-9 | 1 | Fitting-Hyd, 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-HYD |
| 16 | 340-142 | 1 | Fitting-Hyd, 90 DEG |
| 16:1 | 237-58 | 1 | O-Ring |
| 16:2 | 237-81 | 1 | O-Ring |
| 17 | 325-7 | 2 | Screw-HH |
| 18 | 32151-96 | 2 | Ring-Retaining |
| 19 | 32120-15 | 2 | Ring-Snap, Ext |
| ❷20 | | 2 | Tire & Wheel ASM |
| 20:1 | 86-5910 | 1 | Tire |
| 20:2 | 100-2582 | 1 | Rim |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 20:3 | 232-27 | 1 | Stem-Valve |
| 21 | 3256-26 | 2 | Washer-Flat |
| 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 DEG |
| 27:1 | 237-22 | 1 | O-Ring |
| 27:2 | 237-78 | 1 | O-Ring |
| 28 | 98-3806 | 1 | HYD 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 | 3272-11 | 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 |



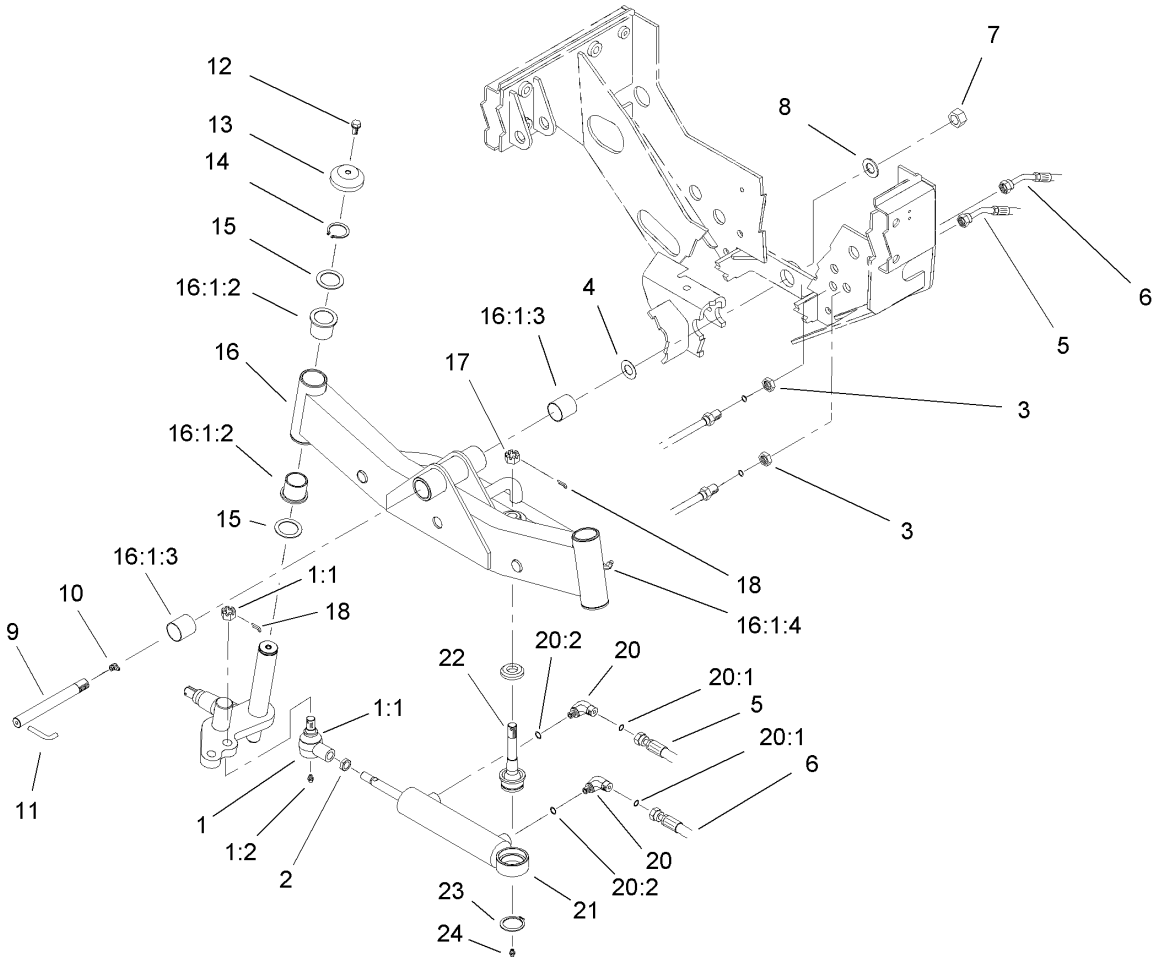

# Hydraulic Motor Assembly No. 92-7386

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 76-6930 | 1 | Shaft-Drive (Only On: 03807) |
| 2 | 94-3000 | 1 | Backplate ASM (Only On: 03807) |
| ❷2:1 | | 3 | Pin-Dowel (Only On: 03807) |
| ❷2:2 | | 1 | Pin-Dowel (Only On: 03807) |
| ❷2:3 | | 1 | Bearing-Needle (Only On: 03807) |
| 3 | 94-3001 | 1 | Housing ASM (Only On: 03807) |
| ❷3:1 | | 1 | Bearing-Needle (Only On: 03807) |
| 4 | 76-6910 | 1 | Rotating Kit (Only On: 03807) |
| 5 | 76-6970 | 1 | Insert-Plate, Cam (Only On: 03807) |
| 6 | 76-7010 | 1 | Ring-Retaining (Only On: 03807) |
| 7 | 94-3002 | 6 | Capscrew (Only On: 03807) |
| 8 | 76-7020 | 1 | Spacer (Only On: 03807) |
| 9 | 76-7000 | 2 | Ring-Retaining (Only On: 03807) |
| 10 | 76-6950 | 2 | Race-Thrust (Only On: 03807) |
| 11 | 76-6980 | 1 | O-Ring (Only On: 03807) |
| 12 | 94-3003 | 1 | Plate-Valve (Only On: 03807) |
| 13 | 76-6960 | 1 | Bearing-Thrust (Only On: 03807) |




# Hydraulic Cylinder Assembly No. 98-3806

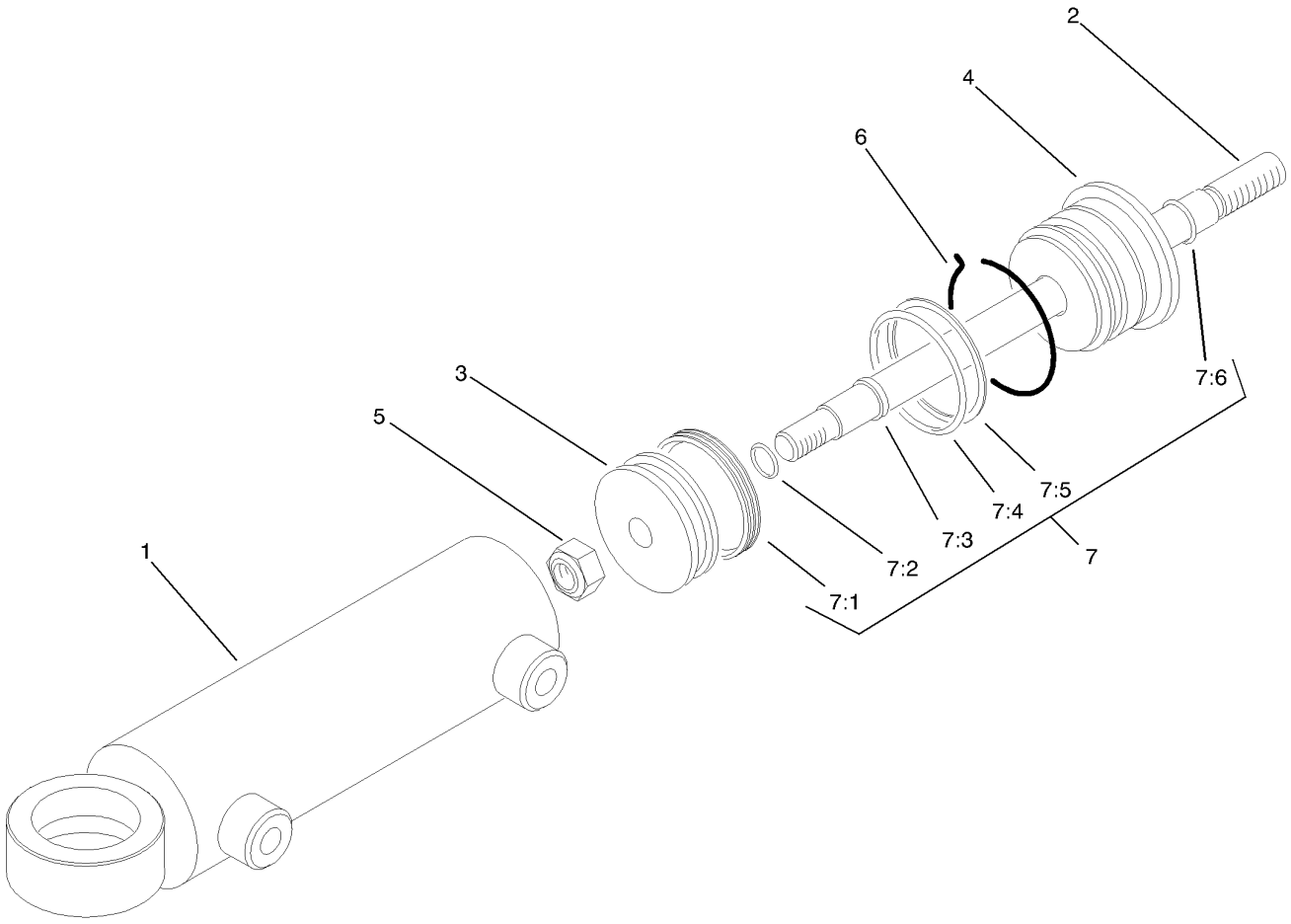
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 92-6593 | 1 | Seal Kit (Only On: 03807) |
| ❷1:1 | | 1 | Seal (Only On: 03807) |
| ❷1:2 | | 1 | O-Ring (Only On: 03807) |
| ❷1:3 | | 1 | O-Ring (Only On: 03807) |
| ❷1:4 | | 1 | O-Ring (Only On: 03807) |
| ❷1:5 | | 1 | U-Cup (Only On: 03807) |
| ❷1:6 | | 1 | Wiper (Only On: 03807) |
| ❷2 | | 1 | Locknut (Only On: 03807) |
| ❷3 | | 1 | Piston (Only On: 03807) |
| ❷4 | | 1 | Gland (Only On: 03807) |
| ❷5 | | 1 | Rod ASM (Only On: 03807) |




# 2 Wheel Drive Axle and Power Steering Assembly

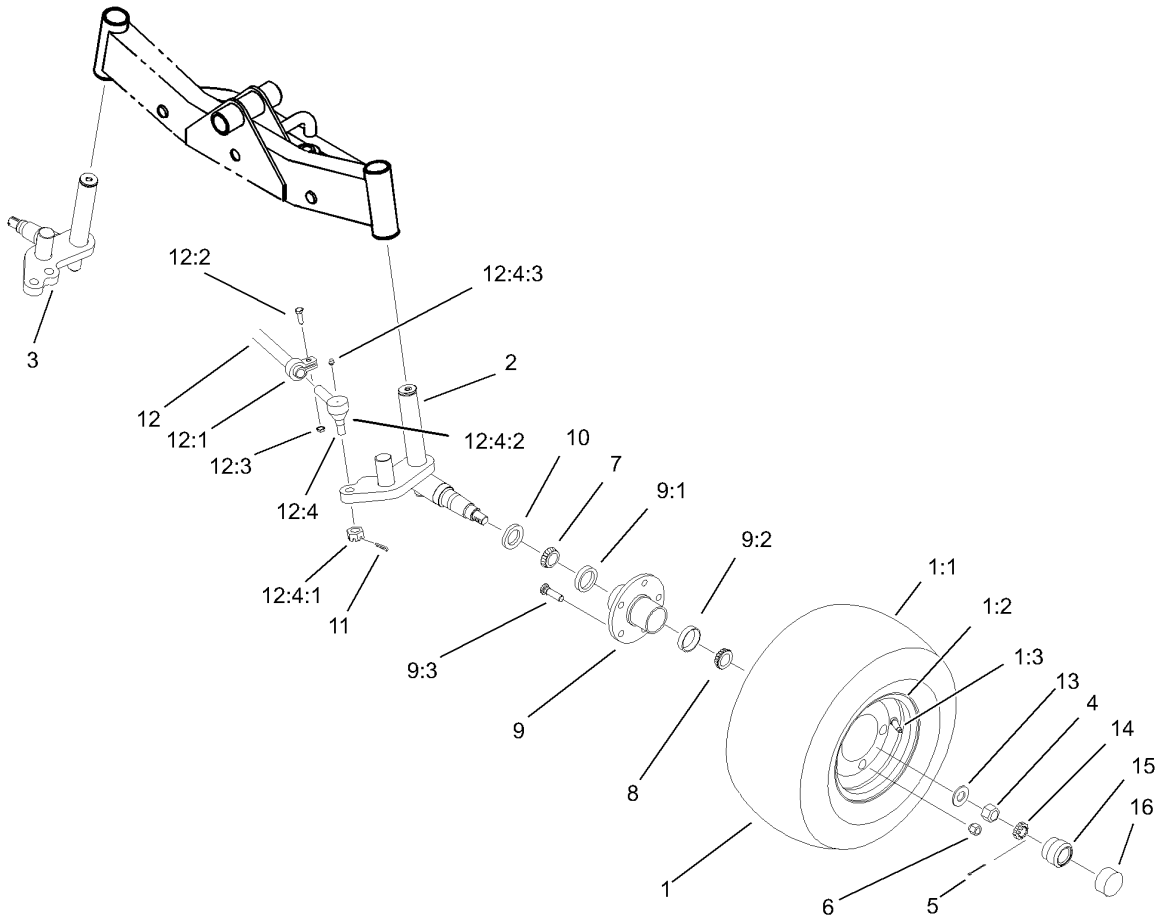
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-6898 | 1 | Joint-Ball (Only On: 03806) |
| 1:1 | 106-6896 | 1 | Seal (Only On: 03806) |
| 1:2 | 302-5 | 1 | Fitting-Grease (Only On: 03806) |
| 2 | 3220-11 | 1 | Nut-Jam (Only On: 03806) |
| 3 | 32136-14 | 1 | Nut-SHH (Only On: 03806) |
| 4 | 98-3867 | 2 | Washer-Thrust (Only On: 03806) |
| 5 | 92-7595 | 1 | Hose ASM (Only On: 03806) |
| 6 | 92-7594 | 1 | Hose ASM (Only On: 03806) |
| 7 | 3296-68 | 1 | Nut-Lock, NI (Only On: 03806) |
| 8 | 92-1765 | 1 | Washer-Thrust (Only On: 03806) |
| 9 | 100-3770 | 1 | Pin-Axle, Pivot (Only On: 03806) |
| 10 | 302-33 | 1 | Fitting-Grease (Only On: 03806) |
| 11 | 100-3771 | 1 | Pin-Stop (Only On: 03806) |
| 12 | 3234-1 | 2 | Screw-HHF (Only On: 03806) |
| 13 | 69-8890 | 2 | Cap-Spindle (Only On: 03806) |
| 14 | 32151-10 | 2 | Ring-Snap (Only On: 03806) |
| 15 | 62-2170 | 4 | Washer-Thrust (Only On: 03806) |
| 16 | 100-3785-03 | 1 | Rear Axle ASM (Only On: 03806) |
| ❶❷16:1 | | 1 | Rear Axle ASM (Only On: 03806) |
| 16:1:2 | 69-6470 | 4 | Bushing-Castor (Only On: 03806) |
| 16:1:3 | 99-6964 | 2 | Bushing-Axle (Only On: 03806) |
| 16:1:4 | 302-11 | 2 | Fitting-Lube, 45 DEG (Only On: 03806) |
| 17 | 32136-14 | 1 | Nut-SHH (Only On: 03806) |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 3272-12 | 2 | Pin-Cotter (Only On: 03806) |
| 20 | 340-97 | 2 | Fitting-Hyd, 90 DEG (Only On: 03806) |
| 20:1 | 237-22 | 1 | O-Ring (Only On: 03806) |
| 20:2 | 237-78 | 1 | O-Ring (Only On: 03806) |
| 21 | 94-8142 | 1 | HYD Cylinder ASM (Only On: 03806) |
| 22 | 92-5839 | 1 | Joint-Ball (Only On: 03806) |
| 23 | 94-9973 | 1 | Ring-Retaining (Only On: 03806) |
| 24 | 302-5 | 1 | Fitting-Grease (Only On: 03806) |




# Hydraulic Cylinder Assembly No. 94-8142

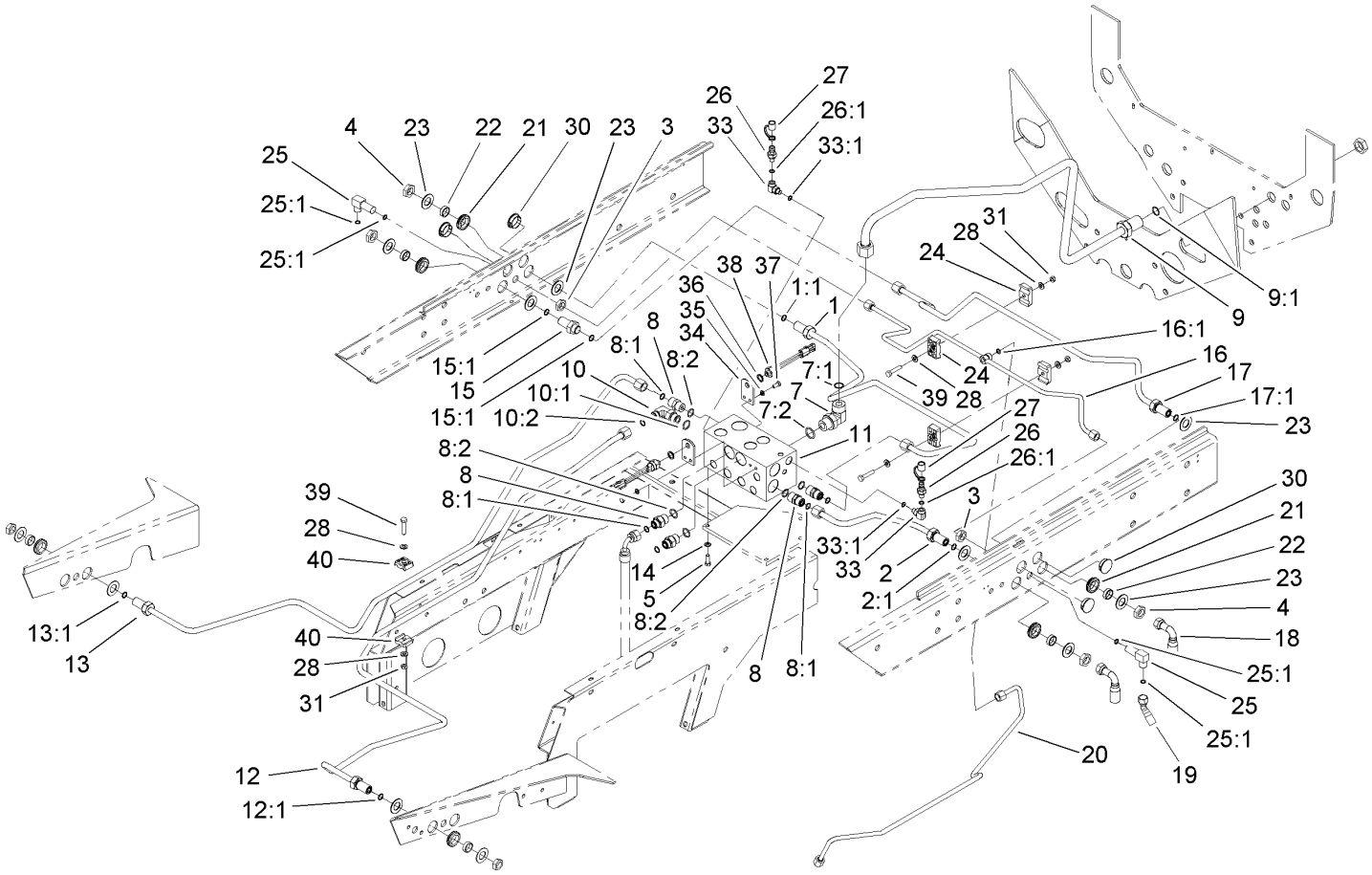
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Barrel (Only On: 03806) |
| ❷2 | | 1 | Rod-Piston (Only On: 03806) |
| ❷3 | | 1 | Piston (Only On: 03806) |
| ❷4 | | 1 | Gland (Only On: 03806) |
| ❷5 | | 1 | Locknut (Only On: 03806) |
| 6 | 94-9963 | 1 | Ring-Retaining (Only On: 03806) |
| 7 | 94-9964 | 1 | Seal Repair Kit (Only On: 03806) |
| ❷7:1 | | 1 | Uniring (Only On: 03806) |
| ❷7:2 | | 1 | O-Ring (Only On: 03806) |
| ❷7:3 | | 1 | Seal-Rod (Only On: 03806) |
| ❷7:4 | | 1 | O-Ring (Only On: 03806) |
| ❷7:5 | | 1 | Backup (Only On: 03806) |
| ❷7:6 | | 1 | O-Ring (Only On: 03806) |




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

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 2 | Tire & 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 | 105-7835 | 1 | Seal |

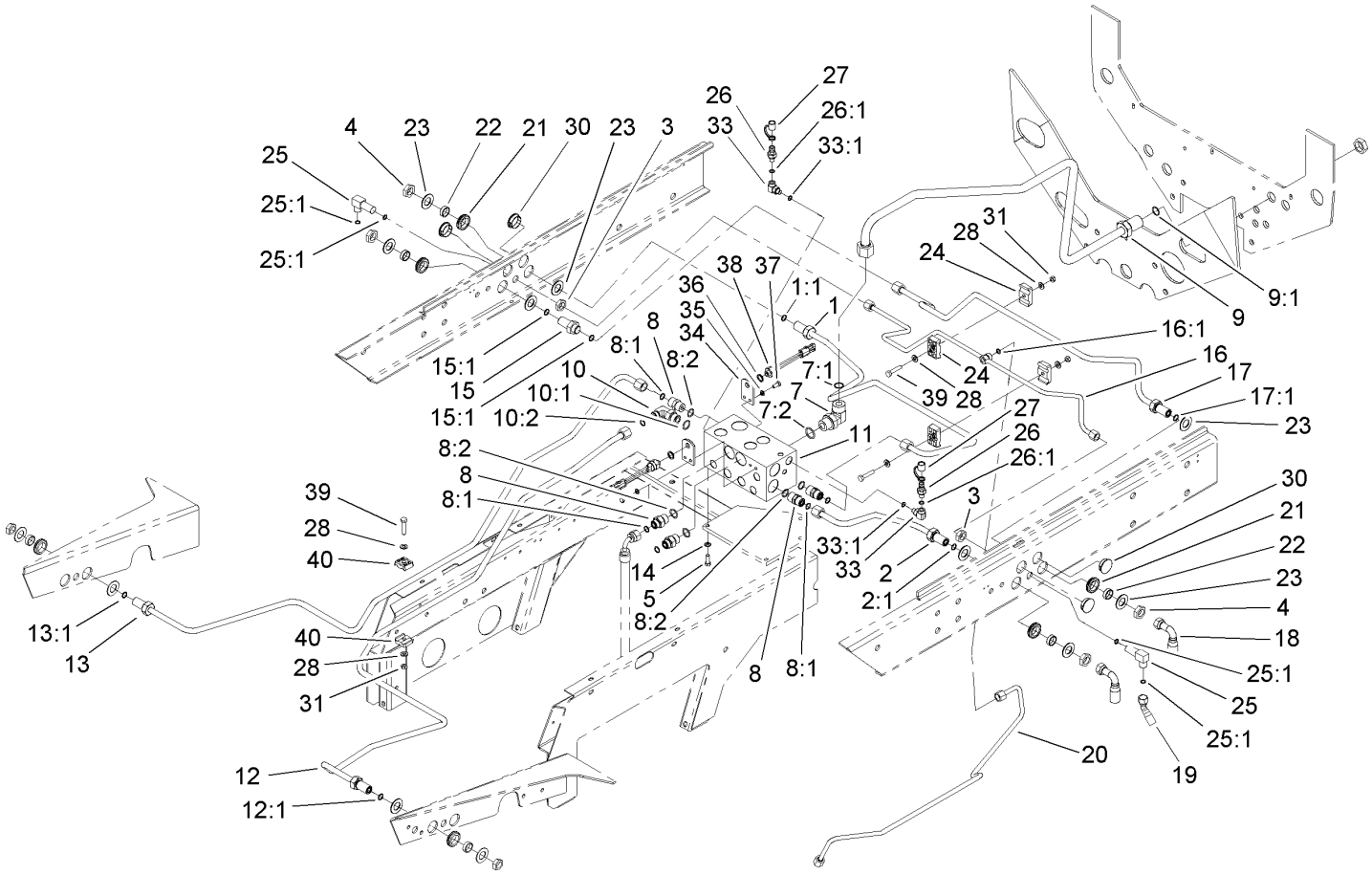
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 12:4:3 | 302-5 | 1 | Fitting-Grease |
| 13 | 93-0309 | 2 | Washer-Tab |
| 14 | 93-0307 | 2 | Nut-Lock, Retainer |
| 15 | 100-3769 | 2 | Protector-Bearing |
| 16 | 100-3809 | 2 | Cap-Protector, Bearing |




# Rear Hydraulic Control Block Assembly

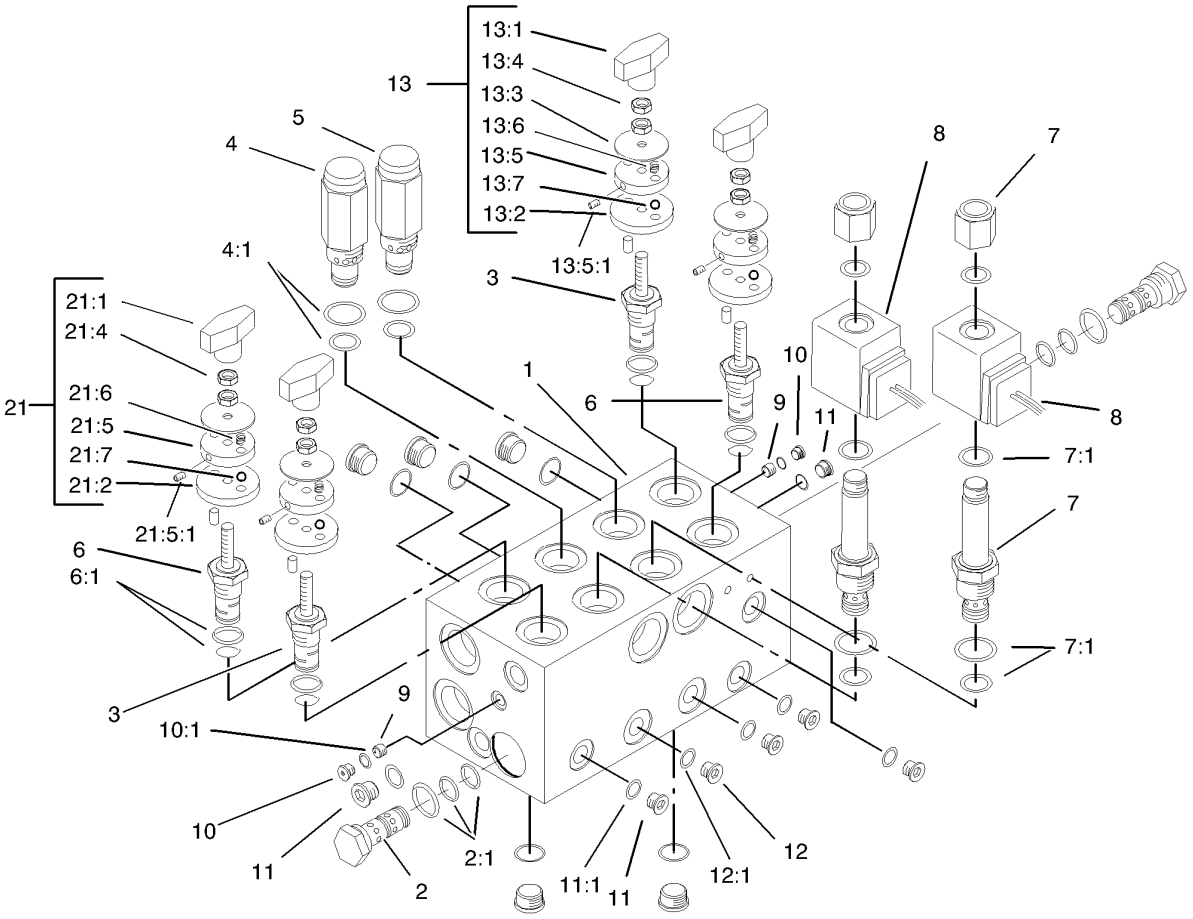
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-3728 | 1 | HYD Tube ASM |
| 1:1 | 237-30 | 1 | O-Ring |
| 2 | 104-3731 | 1 | HYD Tube ASM |
| 2:1 | 237-30 | 1 | O-Ring |
| 3 | 340-70 | 2 | Nut-Lock |
| 4 | 340-127 | 4 | Nut-Bulkhead |
| 5 | 322-4 | 2 | Screw-HH |
| 7 | 340-142 | 1 | Fitting-Hyd, 90 DEG |
| 7:1 | 237-58 | 1 | O-Ring |
| 7:2 | 237-81 | 1 | O-Ring |
| 8 | 340-6 | 5 | 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 | 1 | Fitting-Hyd, 90 DEG |
| 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 15 | 340-161 | 1 | Fitting-Bulkhead |
| 15:1 | 237-30 | 2 | O-Ring |
| 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 | HYD Hose ASM |
| 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 | 4 | 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 |
| 28 | 3256-23 | 8 | Washer-Flat |
| 30 | 94-1402 | 4 | Plug-Hole |
| 31 | 3296-47 | 4 | Nut-Lock, NI |
| 33 | 75-6640 | 2 | Fitting-Hyd, Special |
| 33:1 | 237-78 | 1 | O-Ring |
| 34 | 98-8199 | 2 | Bracket-Switch |




# Rear Hydraulic Control Block Assembly (continued)

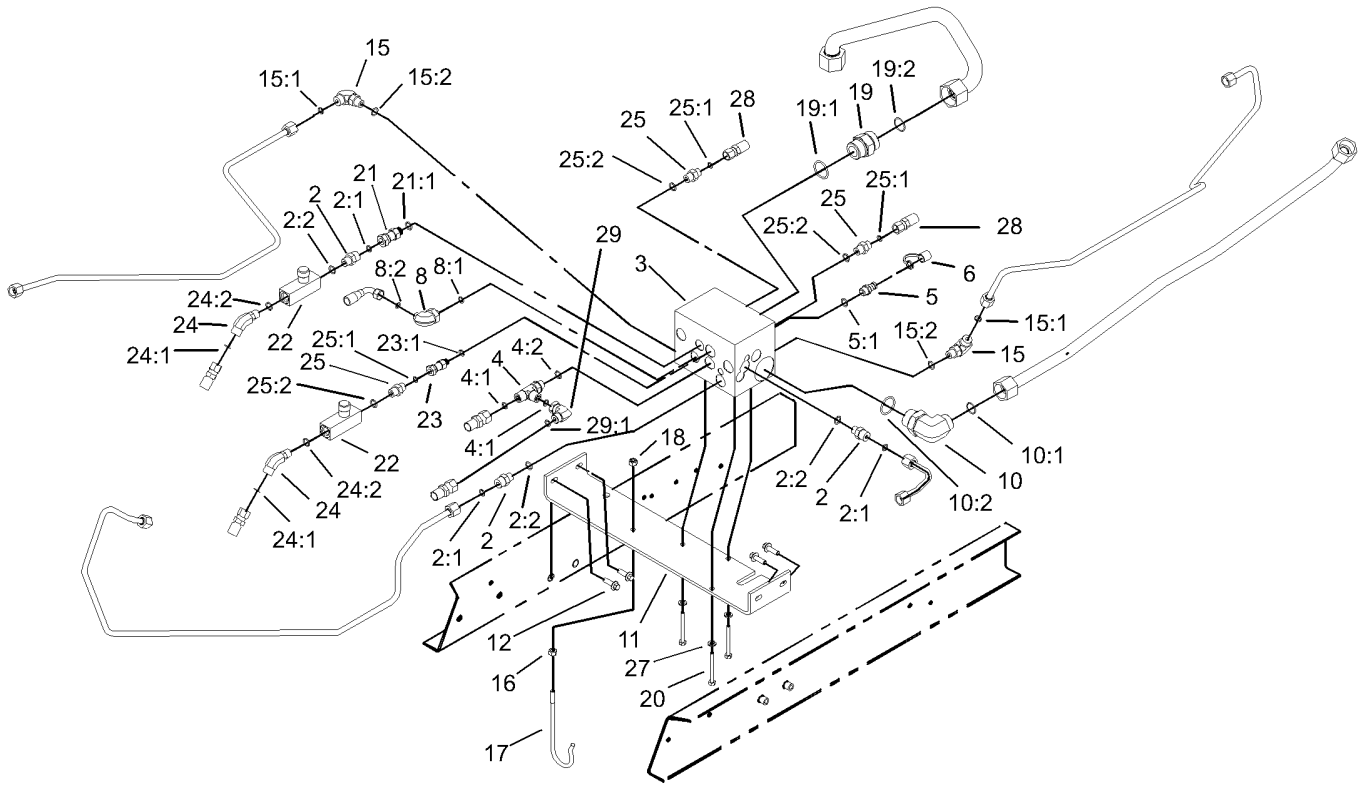
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 35 | 3253-3 | 4 | Washer-Lock |
| 36 | 3256-76 | 2 | Washer-Flat |
| 37 | 329-3 | 4 | Screw-HH |
| 38 | 72-4320 | 2 | Switch-Ball, N.o. |
| 39 | 322-7 | 4 | Screw-HH |
| 40 | 56-7976 | 4 | Clamp-Tube |




# Mow Block Assembly No. 99-6978

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 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 |
| 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 | Detent Kit |
| 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 |

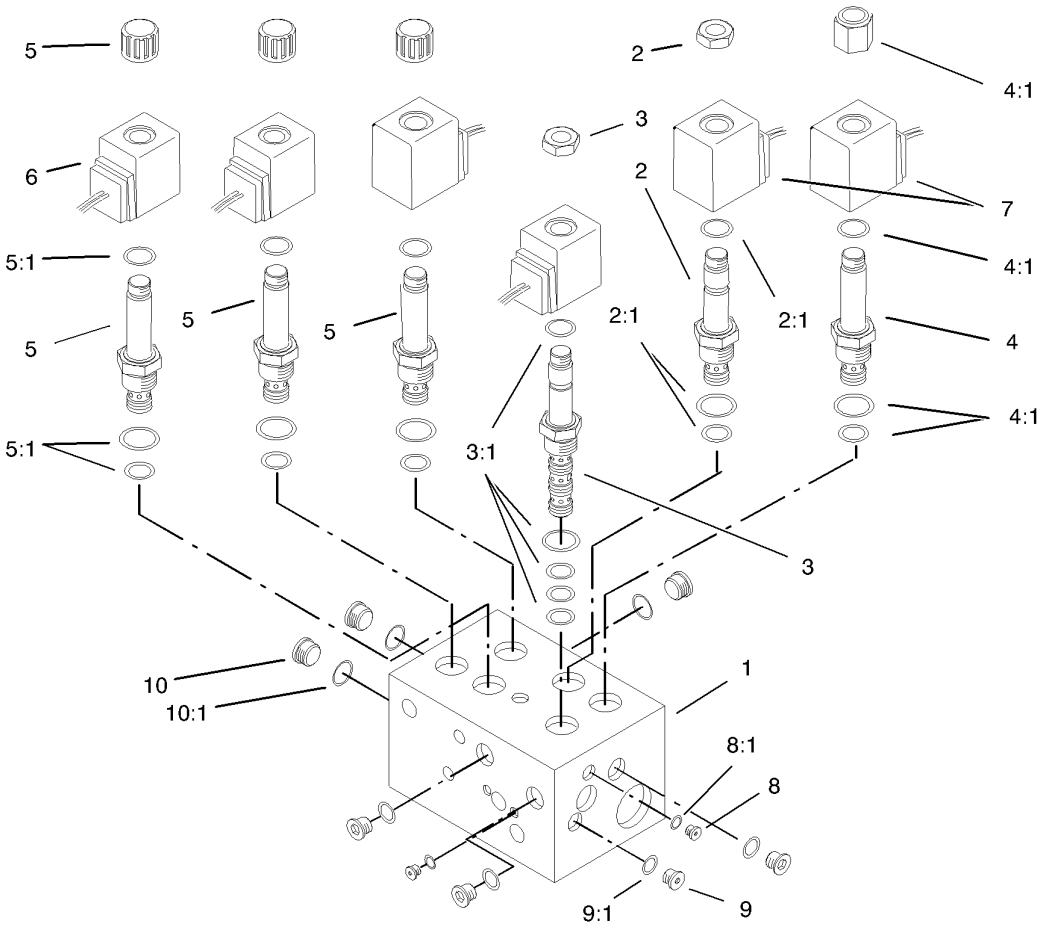
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 13:5 | 94-5023 | 1 | Plate-Detent |
| 13:5:1 | 3245-36 | 1 | Screw-Set, HS |
| 13:6 | 94-5027 | 2 | Spring |
| 13:7 | 255-13 | 2 | Ball-Steel, Stainless |
| 21 | 94-6378 | 2 | Detent Kit |
| 21:1 | 94-5020 | 1 | Knob ASM |
| 21:2 | 94-5021 |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




# Front Hydraulic Control Block and Hose Assembly

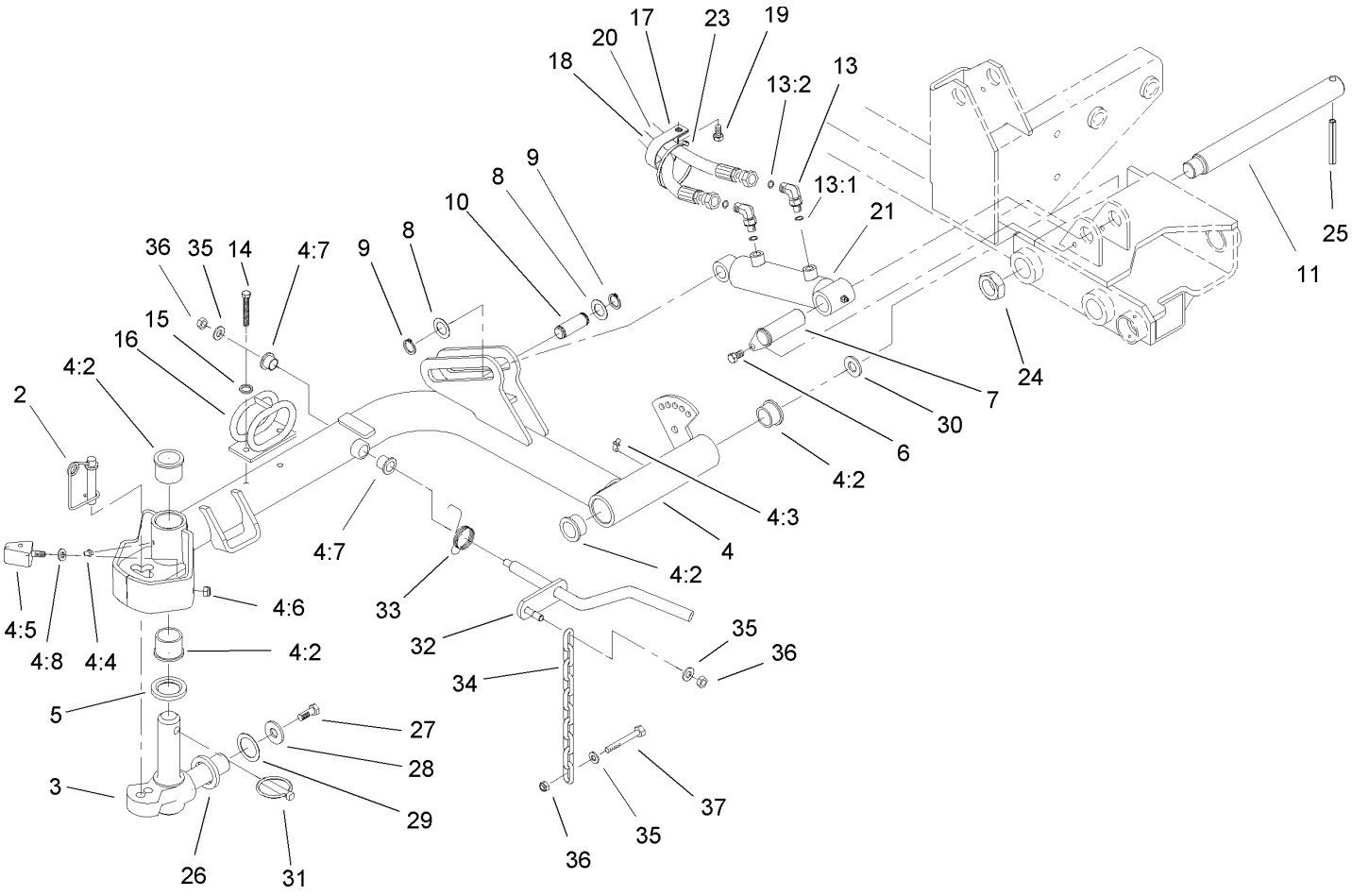
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 340-2 | 3 | Fitting-Hyd, Straight |
| 2:1 | 237-22 | 1 | O-Ring |
| 2:2 | 237-42 | 1 | O-Ring |
| 3 | 104-9335 | 1 | Manifold-Block, Lift |
| 4 | 340-86 | 1 | Fitting-Hyd, Tee |
| 4:1 | 237-22 | 2 | O-Ring |
| 4:2 | 237-42 | 1 | O-Ring |
| 5 | 59-7410 | 1 | Tip-Nipple, Diagonal |
| 5:1 | 237-42 | 1 | O-Ring |
| 6 | 354-79 | 1 | Cap-Dust |
| 8 | 340-132 | 1 | Fitting-Hyd, 90 DEG |
| 8:1 | 237-78 | 1 | O-Ring |
| 8:2 | 237-21 | 1 | O-Ring |
| 10 | 340-15 | 1 | Fitting-Hyd, 90 DEG |
| 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 DEG |
| 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 | 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 DEG |
| 29:1 | 237-22 | 2 | O-Ring |




# Lift Block Assembly No. 104-9335

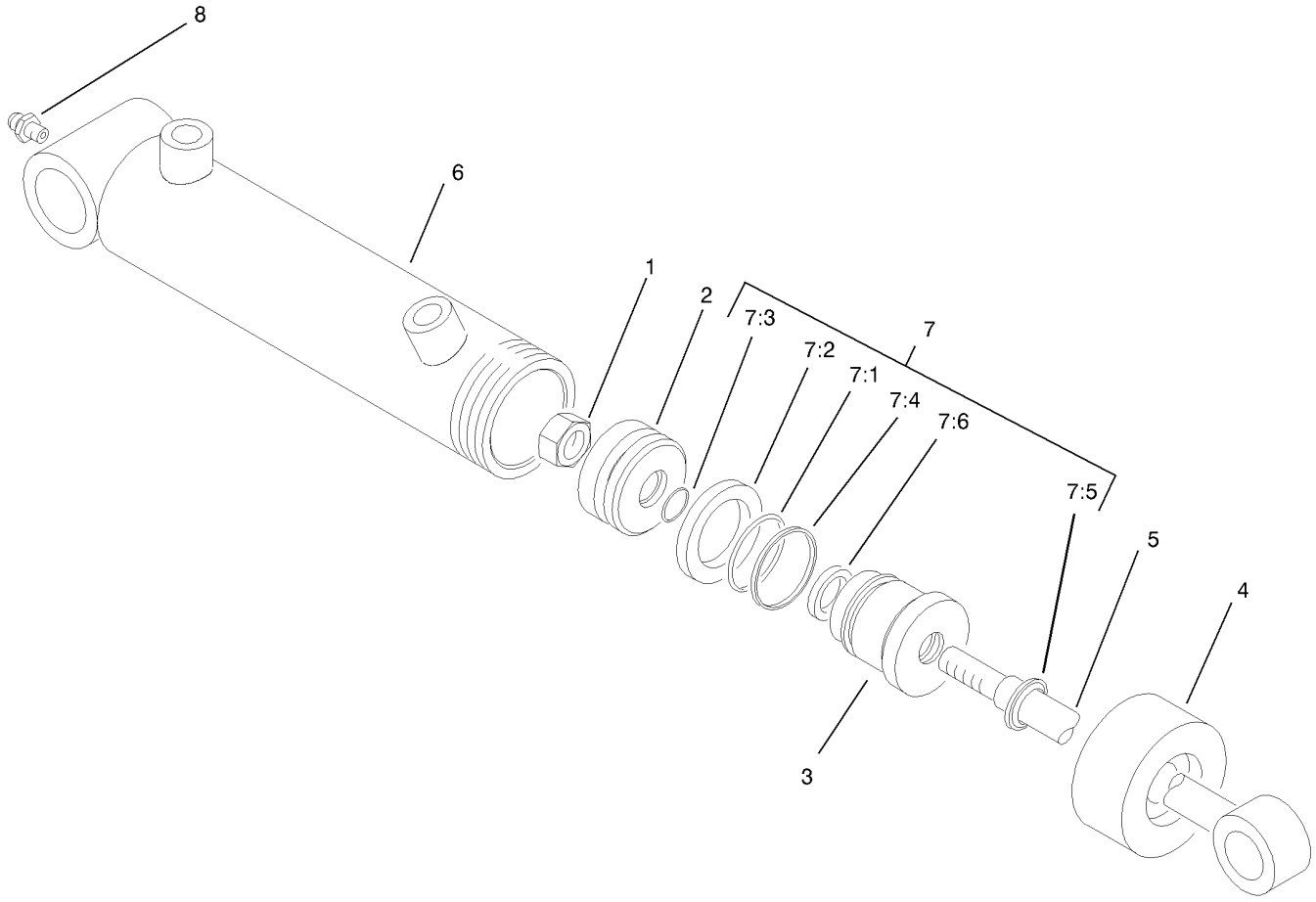
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Body-Manifold |
| 2 | 92-6315 | 1 | Cartridge-Poppet, N.c. |
| 2:1 | 104-0004 | 1 | Cartridge Seal Kit |
| 3 | 94-2627 | 1 | Cartridge |
| 3:1 | 95-5642 | 1 | Seal Kit |
| 4 | 93-7494 | 1 | Cartridge |
| 4:1 | 75-2080 | 1 | Seal Kit |
| 5 | 105-3327 | 3 | Valve-Cartridge, Double Blocking |
| 5:1 | 105-3334 | 1 | Seal Kit |
| 6 | 83-2010 | 3 | Coil-Valve |
| 7 | 105-3328 | 3 | Coil-Solonoid |
| 8 | 353-991 | 4 | Plug-Hex, Hollow |
| 8:1 | 237-156 | 1 | O-Ring |
| 9 | 353-990 | 1 | Plug |
| 9:1 | 237-78 | 1 | O-Ring |
| 10 | 353-989 | 7 | Plug-Hex, Hollow |
| 10:1 | 237-42 | 1 | O-Ring |




# Front No. 1 Lift Arm Assembly

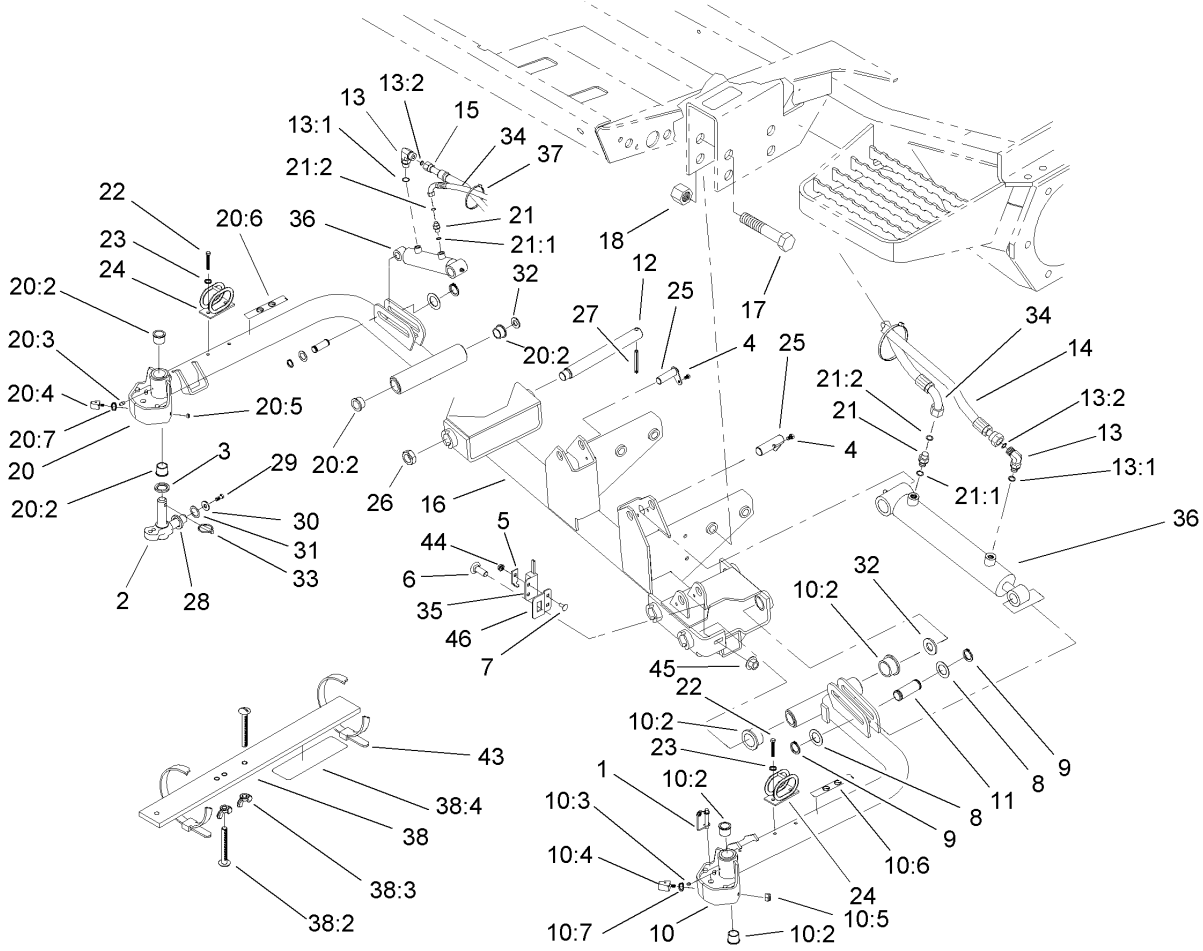
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 99-5610 | 1 | Pin |
| 3 | 98-1880-03 | 1 | Knuckle-Pivot |
| 4 | 105-3366 | 1 | Lift Arm ASM No. 1 |
| 4:2 | 104-0015 | 4 | Bushing-Flange |
| 4:3 | 302-60 | 1 | Fitting-Grease |
| 4:4 | 302-5 | 1 | Fitting-Grease |
| 4:5 | 106-9004 | 2 | Bumper |
| 4:6 | 3296-29 | 2 | Nut-Lock, NI |
| 4:7 | 256-287 | 2 | Bushing |
| 4:8 | 3255-8 | 2 | Washer-Lock |
| 5 | 94-8946 | 1 | Washer-Thrust |
| 6 | 32144-14 | 1 | Screw-HWH |
| 7 | 106-9208 | 1 | Short Cylinder Pin ASM |
| 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 DEG |
| 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 105-7916 | 1 | Hyd Hose ASM |
| 19 | 322-4 | 1 | Screw-HH |
| 20 | 105-9274 | 1 | Hyd Hose ASM |
| 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-Pivot, Front |
| 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 |




# Hydraulic Cylinder Assembly No. 93-2650

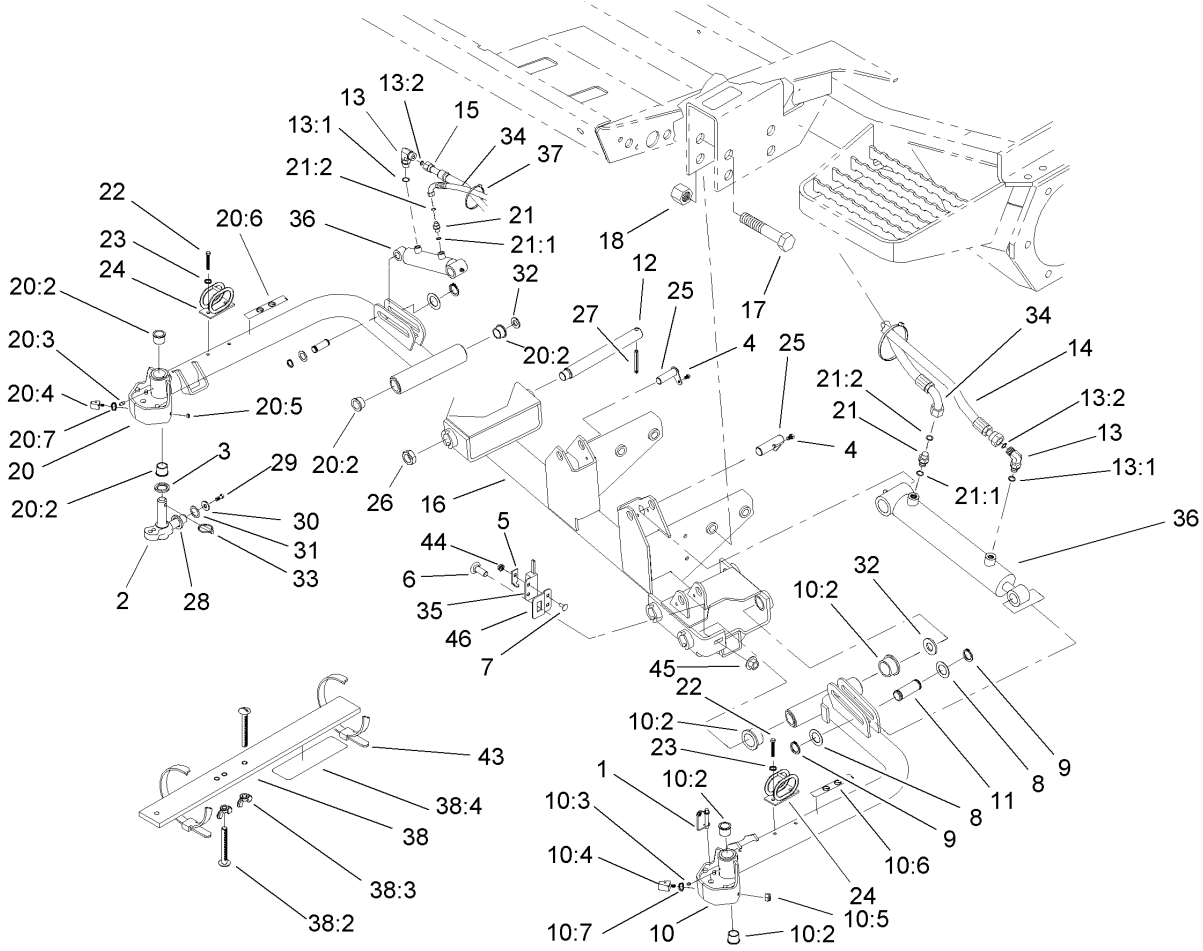
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Locknut |
| ❷2 | | 1 | Piston |
| ❷3 | | 1 | Head |
| ❷4 | | 1 | Collar |
| ❷5 | | 1 | Shaft |
| ❷6 | | 1 | Barrel |
| 7 | 86-7330 | 1 | Seal Kit |
| ❷7:1 | | 1 | O-Ring |
| ❷7:2 | | 1 | Seal-Special |
| ❷7:3 | | 1 | O-Ring |
| ❷7:4 | | 1 | Backup |
| ❷7:5 | | 1 | Seal-Rod |
| ❷7:6 | | 1 | Seal-Dust |
| 8 | 302-5 | 1 | Fitting-Grease |




# Front No. 4 and No. 5 Lift Arm Assembly

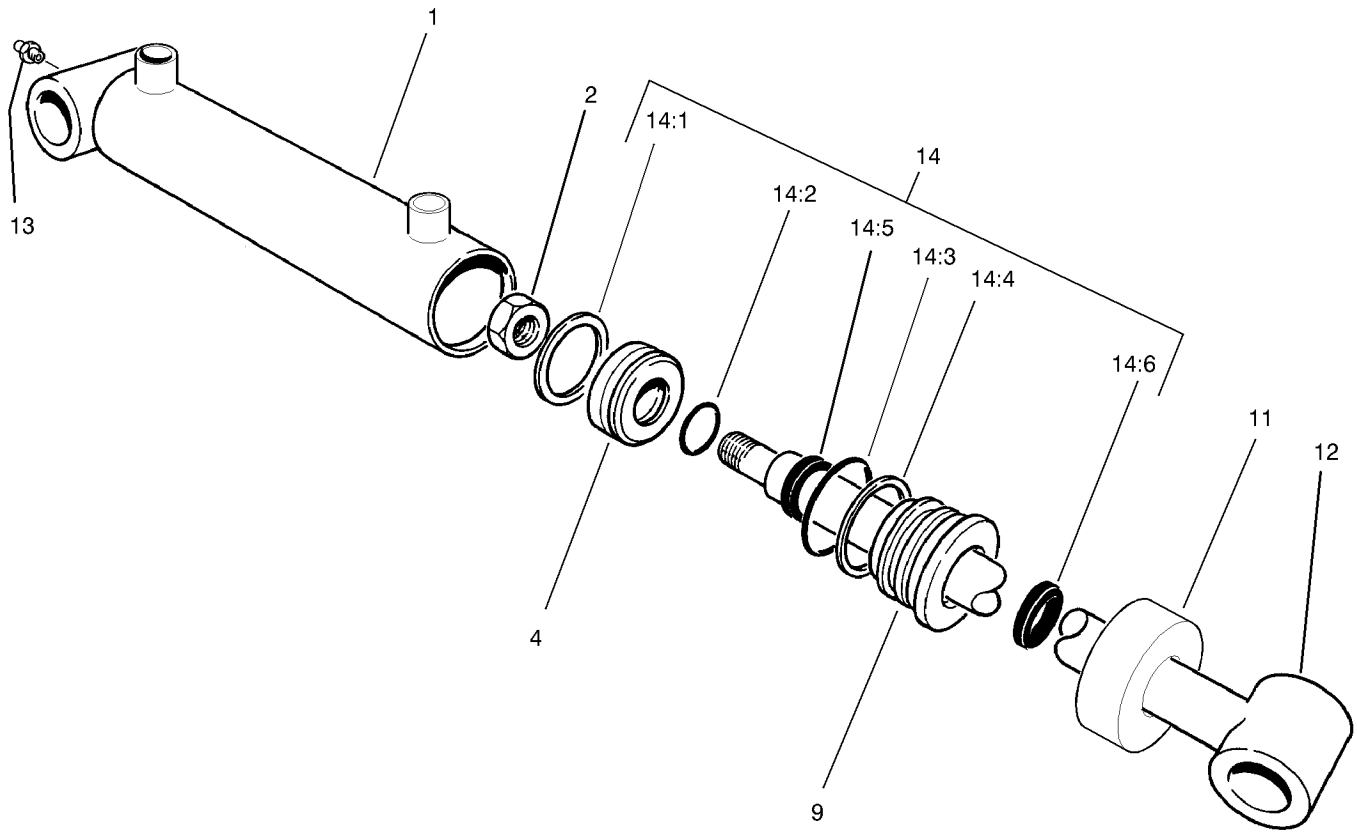
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-5610 | 2 | Pin |
| 2 | 98-1880-03 | 2 | Knuckle-Pivot |
| 3 | 94-8946 | 2 | Washer-Thrust |
| 4 | 32144-14 | 2 | Screw-HWH |
| 5 | 100-4872 | 1 | Plate-Switch, Neutral |
| 6 | 3231-22 | 1 | Screw-CARR |
| 7 | 104-1450 | 1 | Bolt-CARR |
| 8 | 94-9998 | 4 | Washer-Thrust |
| 9 | 94-9974 | 4 | Ring-Retaining |
| 10 | 105-3359 | 1 | Lift Arm ASM No. 4 |
| 10:2 | 104-0015 | 4 | Bushing-Flange |
| 10:3 | 302-5 | 2 | Fitting-Grease |
| 10:4 | 106-9004 | 2 | Bumper |
| 10:5 | 3296-29 | 2 | Nut-Lock, NI |
| 10:6 | 93-6687 | 1 | Decal-No Step |
| 10:7 | 3255-8 | 2 | Washer-Lock |
| 11 | 75-5350 | 2 | Pin-Slide, Cylinder |
| 12 | 95-7158 | 2 | Pin-Pivot |
| 13 | 340-132 | 2 | Fitting-Hyd, 90 DEG |
| 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 17 | 328-7 | 4 | Screw-HH |
| 18 | 3296-51 | 4 | Nut-Lock, NI |
| 20 | 105-0110 | 1 | Lift Arm ASM No. 5 |
| 20:2 | 104-0015 | 4 | Bushing-Flange |
| 20:3 | 302-5 | 2 | Fitting-Grease |
| 20:4 | 106-9004 | 2 | Bumper |
| 20:5 | 3296-29 | 2 | Nut-Lock, NI |
| 20:6 | 93-6687 | 1 | Decal-No Step |
| 20:7 | 3255-8 | 2 | Washer-Lock |
| 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 | 105-9889 | 2 | Cylinder Pin ASM |
| 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 |



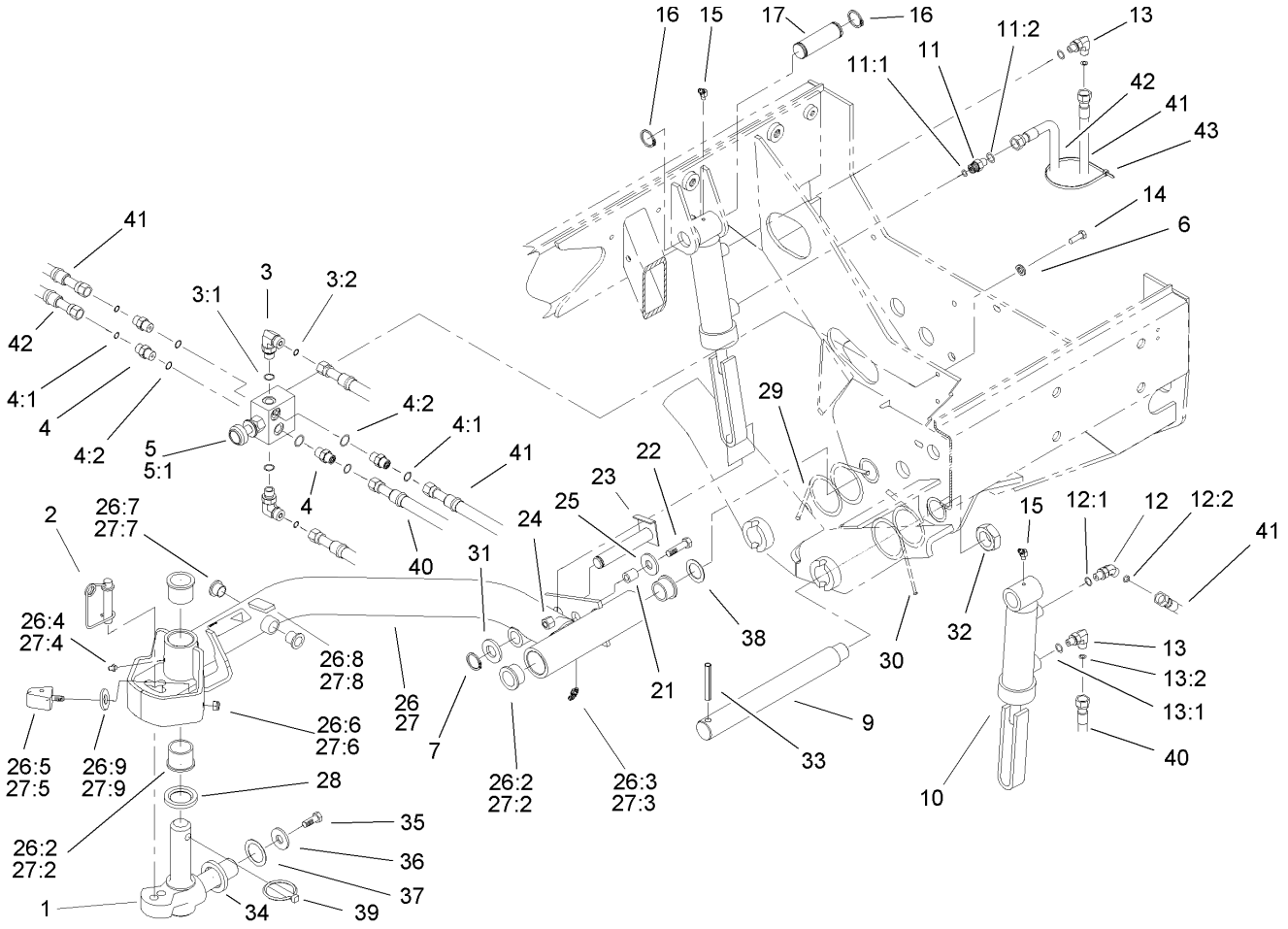

# Front No. 4 and No. 5 Lift Arm Assembly (continued)

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 34 | 105-7947 | 2 | Hyd Hose ASM |
| 35 | 100-1270 | 1 | Switch-Proximity |
| 36 | 99-6986 | 2 | Cylinder-HYD |
| 37 | 3290-378 | 2 | Tie-Cable |
| 38 | 98-1852 | 1 | Gauge Bar ASM |
| 38:2 | 32122-54 | 2 | Screw-Head, Truss |
| 38:3 | 32103-3 | 2 | Nut-Wing |
| 38:4 | 98-7976 | 1 | Decal-Bar, Gauge |
| 43 | 3334-945 | 2 | Tie-Cable |
| 44 | 32149-7 | 1 | Nut-Keps |
| 45 | 32128-43 | 1 | Nut-Flange |
| 46 | 105-3351 | 1 | Bracket-Switch |




# Hydraulic Cylinder Assembly No. 99-6986

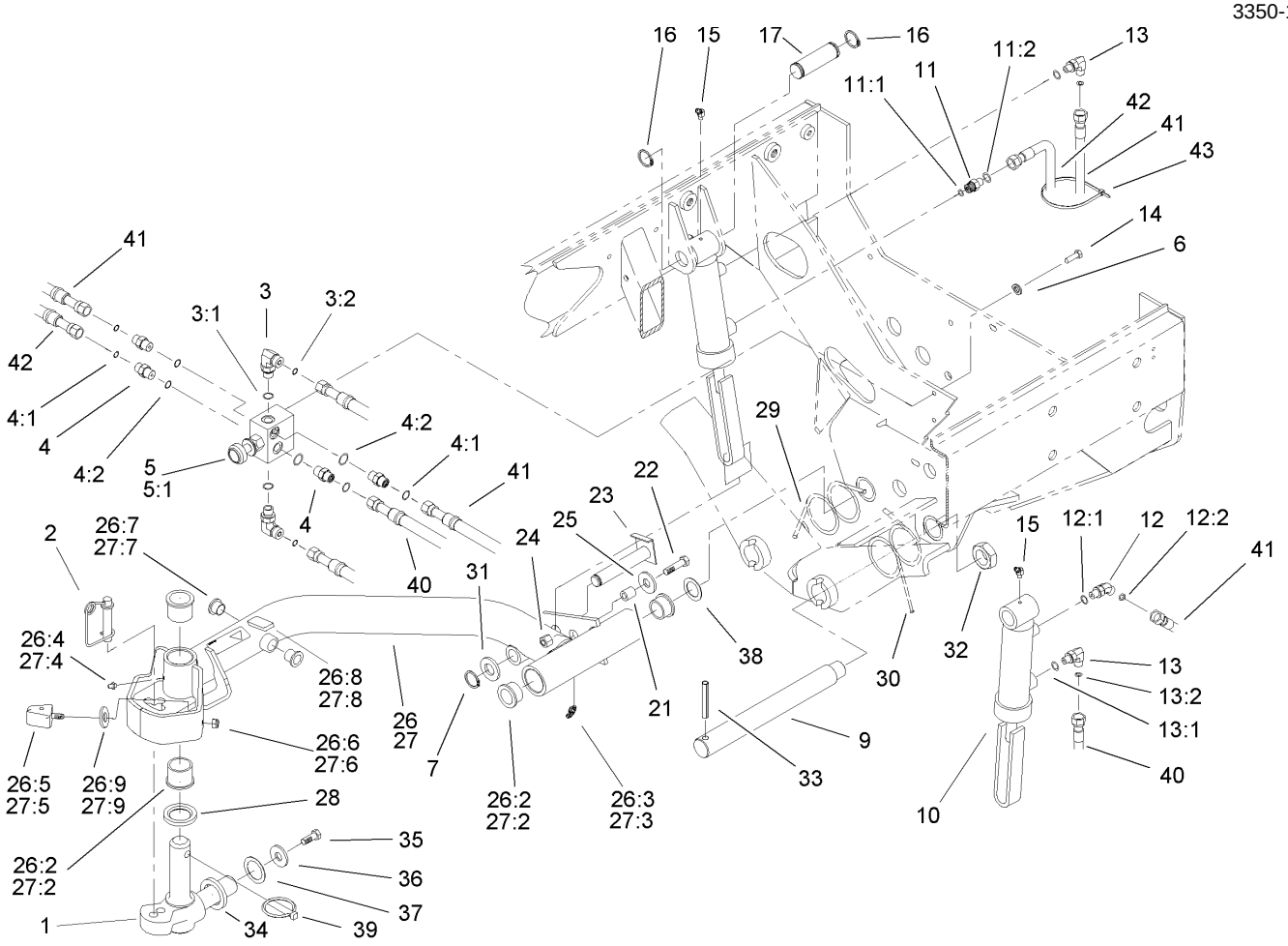
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Barrel |
| 2 | 32152-10 | 1 | Locknut |
| ❷4 | | 1 | Piston |
| ❷9 | | 1 | Head |
| ❷11 | | 1 | Collar |
| ❷12 | | 1 | Shaft W/clevis |
| ❷13 | | 1 | Fitting-Grease |
| 14 | 100-8023 | 1 | Seal Repair Kit |
| ❷14:1 | | 1 | Seal-Psp |
| ❷14:2 | | 1 | O-Ring |
| ❷14:3 | | 1 | O-Ring |
| ❷14:4 | | 1 | Backup |
| ❷14:5 | | 1 | Seal-Rod |
| ❷14:6 | | 1 | Seal-Dust |




# Rear No. 2 and No. 3 Lift Arm Assembly

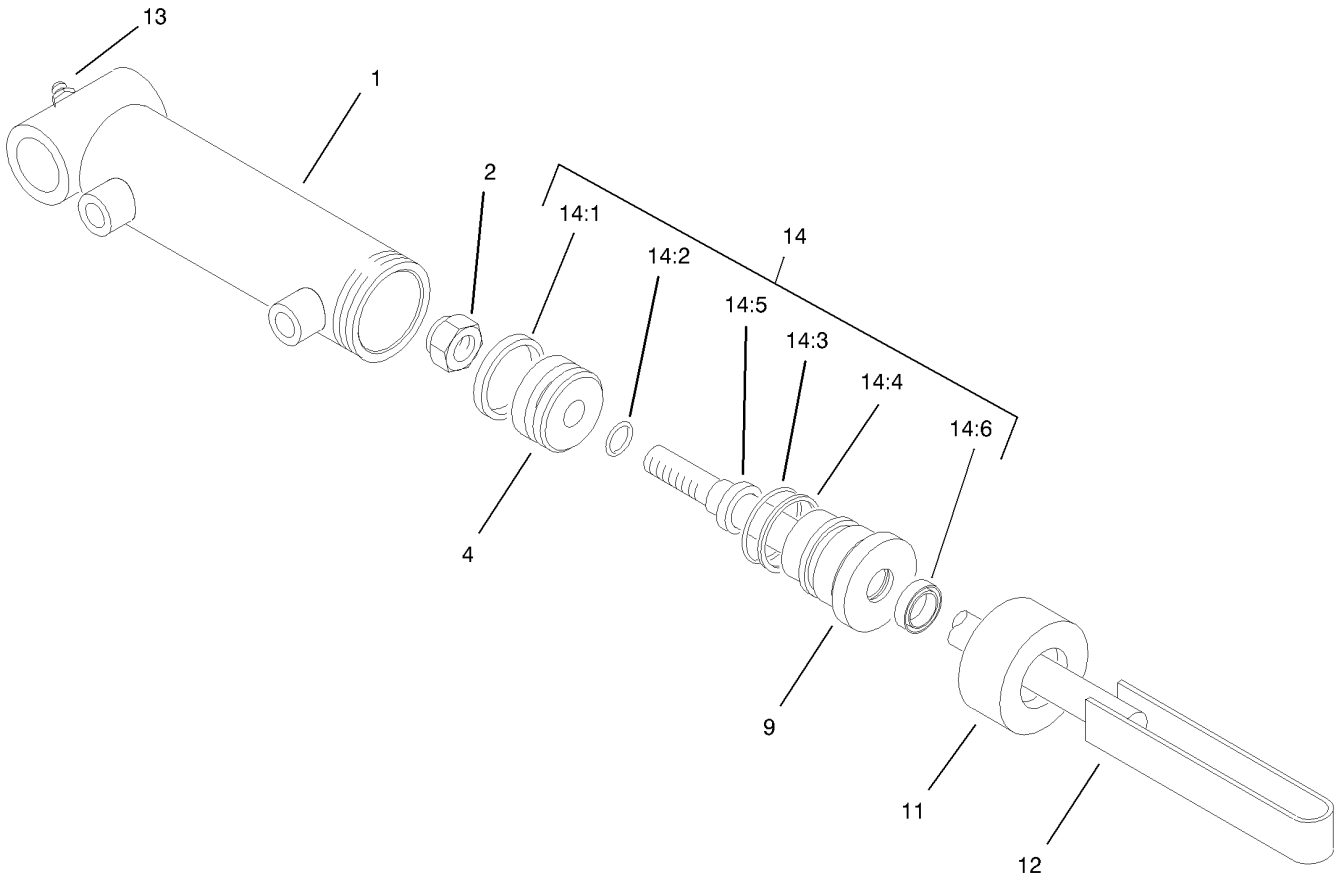
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-1880-03 | 2 | Knuckle-Pivot |
| 2 | 99-5610 | 2 | Pin |
| 3 | 340-82 | 2 | Adapter |
| 3:1 | 237-42 | 1 | O-Ring |
| 3:2 | 237-21 | 1 | O-Ring |
| 4 | 340-1 | 4 | Adapter |
| 4:1 | 237-35 | 1 | O-Ring |
| 4:2 | 237-42 | 1 | O-Ring |
| 5 | 104-9250 | 1 | Control-Flow |
| 5:1 | 107-1800 | 1 | Cartridge Kit |
| ❶5:1:1 | 105-3334 | 1 | Seal Kit |
| ❶5:1:2 | 105-7514 | 1 | Cartridge Knob Kit |
| 6 | 3253-3 | 2 | Washer-Lock |
| 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 DEG |
| 12:1 | 237-78 | 1 | O-Ring |
| 12:2 | 237-21 | 1 | O-Ring |
| 13 | 340-132 | 2 | Fitting-Hyd, 90 DEG |
| 13:1 | 237-78 | 1 | O-Ring |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 13:2 | 237-21 | 1 | O-Ring |
| 14 | 321-4 | 2 | Screw-HH |
| 15 | 302-11 | 2 | Fitting-Lube, 45 DEG |
| 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 | Lift Arm ASM No. 3 |
| 26:2 | 104-0015 | 4 | Bushing-Flange |
| 26:3 | 302-11 | 1 | Fitting-Lube, 45 DEG |
| 26:4 | 302-5 | 1 | Fitting-Grease |
| 26:5 | 106-9004 | 2 | Bumper |
| 26:6 | 3296-29 | 2 | Nut-Lock, NI |
| 26:7 | 256-287 | 2 | Bushing |
| 26:8 | 93-6696 | 1 | Decal-Warning |
| 26:9 | 3255-8 | 2 | Washer-Lock |
| 27 | 105-3362 | 1 | Lift Arm ASM No. 2 |
| 27:2 | 104-0015 | 4 | Bushing-Flange |
| 27:3 | 302-11 | 1 | Fitting-Lube, 45 DEG |
| 27:4 | 302-5 | 1 | Fitting-Grease |
| 27:5 | 106-9004 | 2 | Bumper |



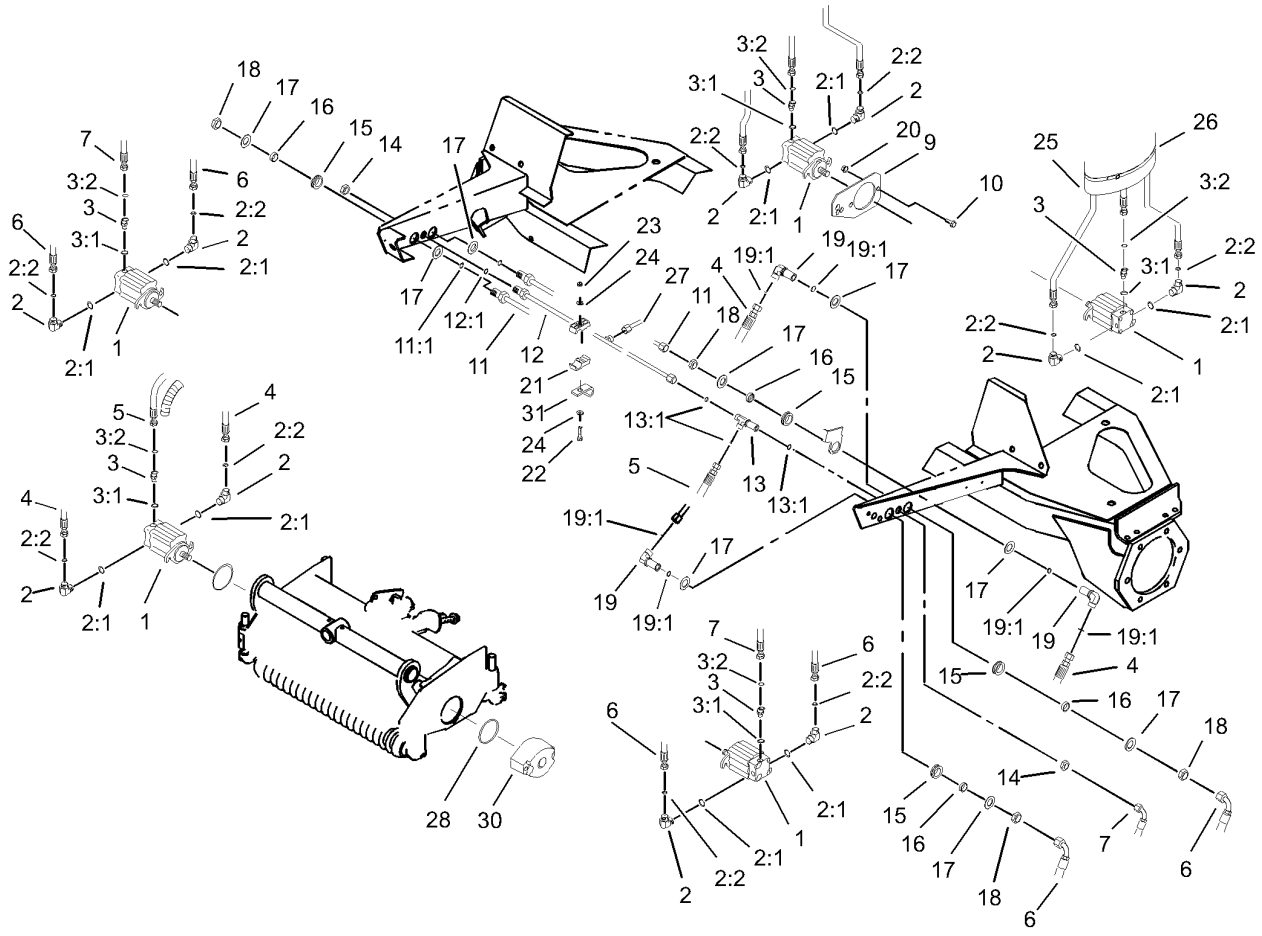

# Rear No. 2 and No. 3 Lift Arm Assembly (continued)

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 27:6 | 3296-29 | 2 | Nut-Lock, NI |
| 27:7 | 256-287 | 2 | Bushing |
| 27:8 | 93-6696 | 1 | Decal-Warning |
| 27:9 | 3255-8 | 2 | Washer-Lock |
| 28 | 94-8946 | 2 | Washer-Thrust |
| 29 | 99-5608 | 1 | Spring-Torsion, RH |
| 30 | 99-5609 | 1 | Spring-Torsion, LH |
| 31 | 67-6570 | 2 | Spacer-Wheel |
| 32 | 3296-49 | 2 | Nut-Lock, NI |
| 33 | 32121-110 | 2 | Pin-Roll, Slotted |
| 34 | 98-7974 | 2 | Washer-Thrust |
| 35 | 98-7993 | 2 | Screw-HHF |
| 36 | 3256-6 | 2 | Washer-Flat |
| 37 | 3-6781 | 2 | Washer-Thrust |
| 38 | 76-2980 | 2 | Washer-Thrust |
| 39 | 283-71 | 2 | Pin-Lynch |
| 40 | 105-7919 | 1 | Hyd Hose ASM |
| 41 | 105-7918 | 2 | Hyd Hose ASM |
| 42 | 105-7917 | 1 | Hyd Hose ASM |
| 43 | 3290-378 | 2 | Tie-Cable |




# Hydraulic Cylinder Assembly No. 99-2550

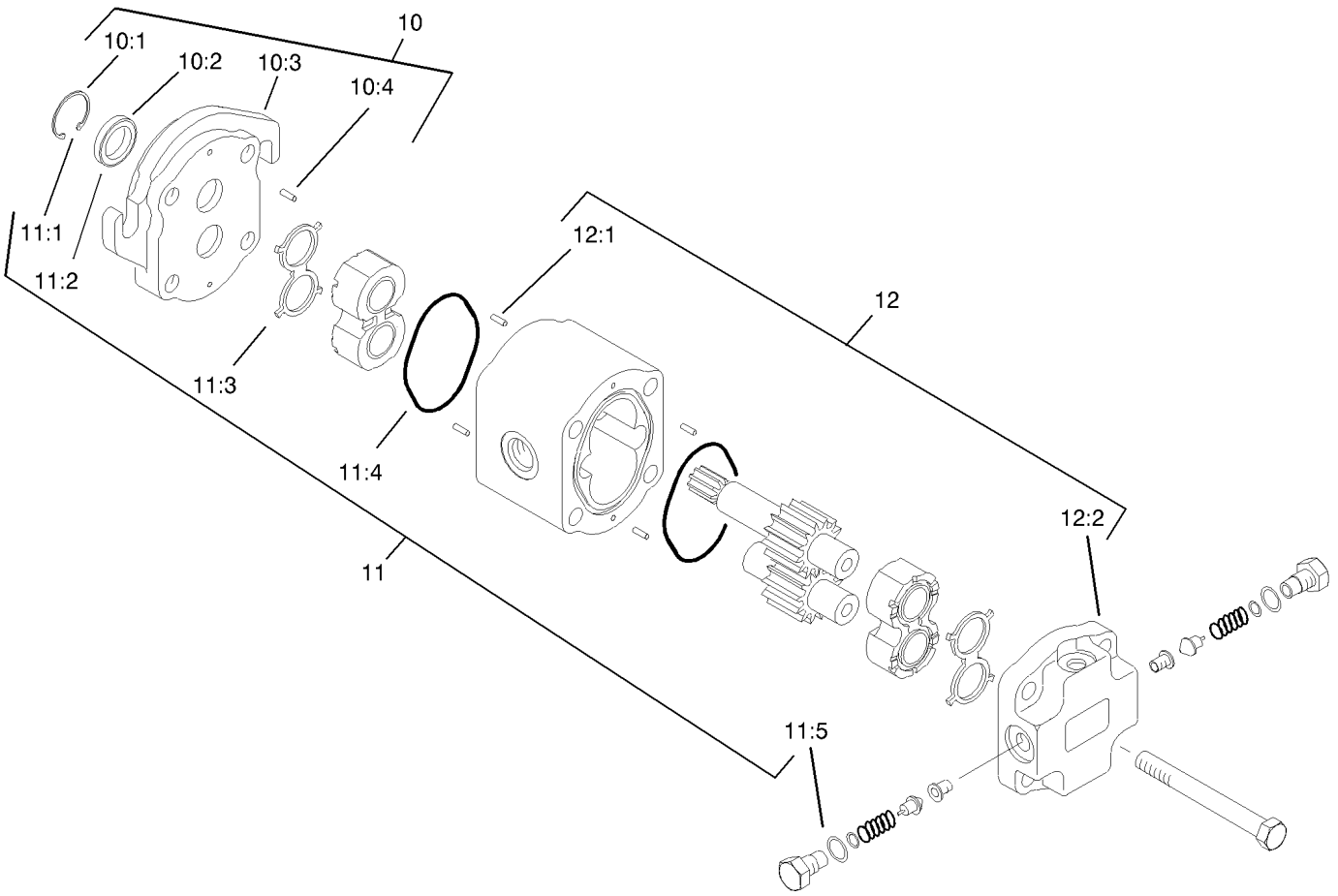
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Barrel |
| 2 | 32152-10 | 1 | Locknut |
| ❷4 | | 1 | Piston |
| ❷9 | | 1 | Head |
| ❷11 | | 1 | Collar |
| ❷12 | | 1 | Shaft And Tube |
| 13 | 302-5 | 1 | Fitting-Grease |
| 14 | 100-8023 | 1 | Seal Repair Kit |
| ❷14:1 | | 1 | Seal-Psp |
| ❷14:2 | | 1 | O-Ring |
| ❷14:3 | | 1 | O-Ring |
| ❷14:4 | | 1 | Backup |
| ❷14:5 | | 1 | Seal-Rod |
| ❷14:6 | | 1 | Seal-Dust |



# Reel Motor Assembly

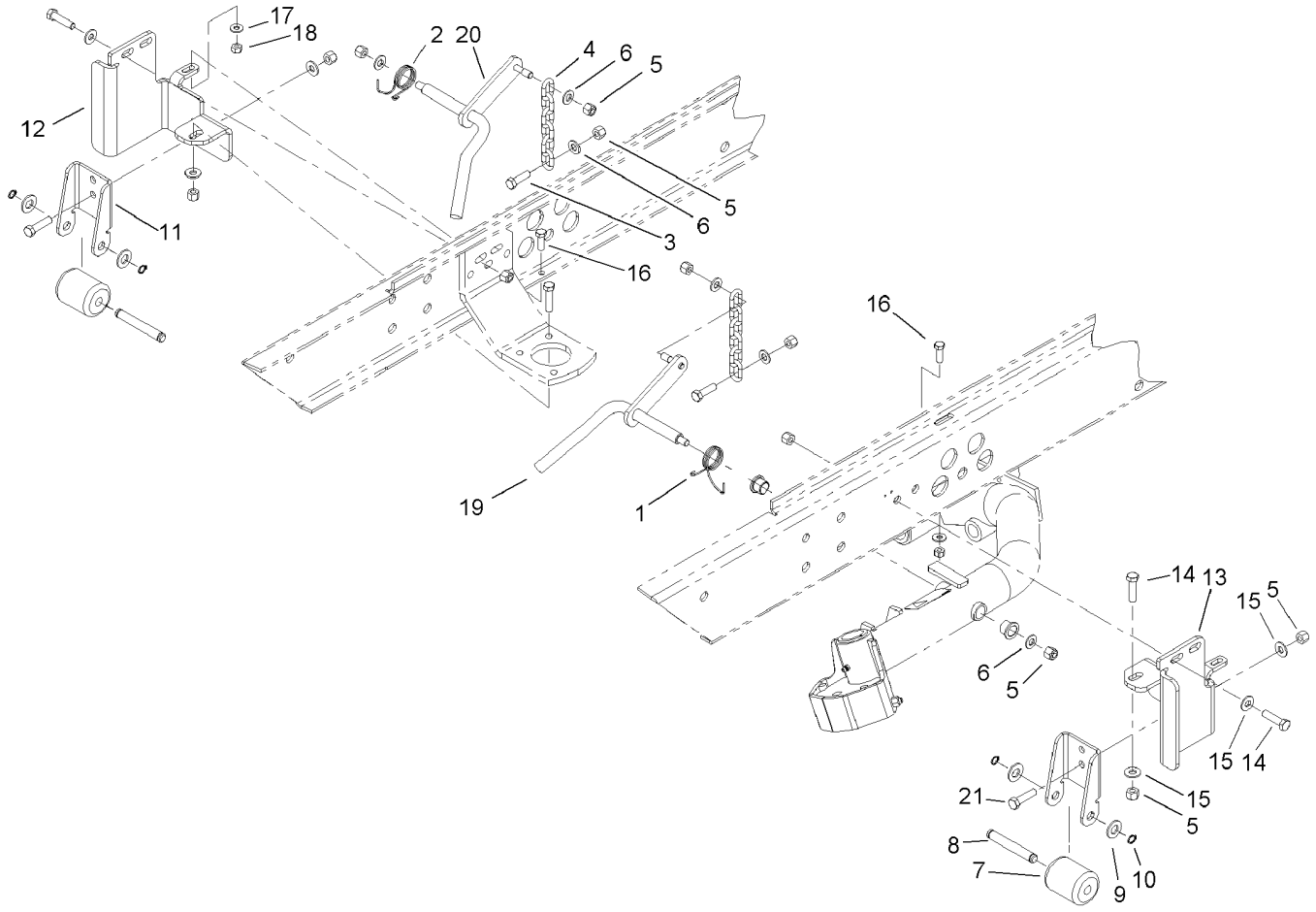
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9999 | 5 | HYD Motor ASM |
| 2 | 340-98 | 10 | Fitting-Hyd, 90 DEG |
| 2:1 | 237-79 | 1 | O-Ring |
| 2:2 | 237-30 | 1 | O-Ring |
| 3 | 340-92 | 5 | Fitting-Hyd, Straight |
| 3:1 | 237-78 | 1 | O-Ring |
| 3:2 | 237-21 | 1 | O-Ring |
| 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 |
| 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 | Nut-Lock |
| 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 19:1 | 237-30 | 2 | O-Ring |
| 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 | 2412-150 | 1 | J-Clip |



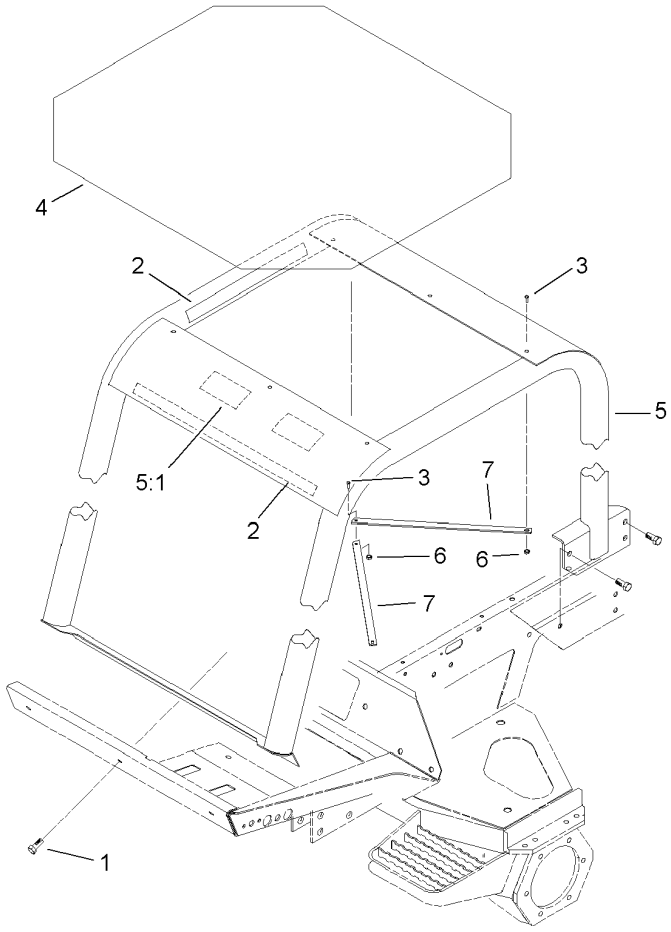

# Hydraulic Motor Assembly No. 98-9999

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 93-9152 | 1 | Flange Kit |
| ❷10:1 | | 1 | Ring-Retaining |
| ❷10:2 | | 1 | Seal-Shaft |
| ❷10:3 | | 1 | Flange |
| ❷10:4 | | 4 | Pin-Dowel |
| 11 | 98-9997 | 1 | Seal Kit |
| ❷11:1 | | 1 | Ring-Retaining |
| ❷11:2 | | 1 | Seal-Shaft |
| ❷11:3 | | 2 | E-Seal |
| ❷11:4 | | 2 | O-Ring |
| ❷11:5 | | 2 | O-Ring |
| 12 | 93-9154 | 1 | Valve Block Kit |
| ❷12:1 | | 4 | Pin-Dowel |
| ❷12:2 | | 1 | Block-Valve |




# Rear No. 2 and No. 3 Tipper Support Assembly

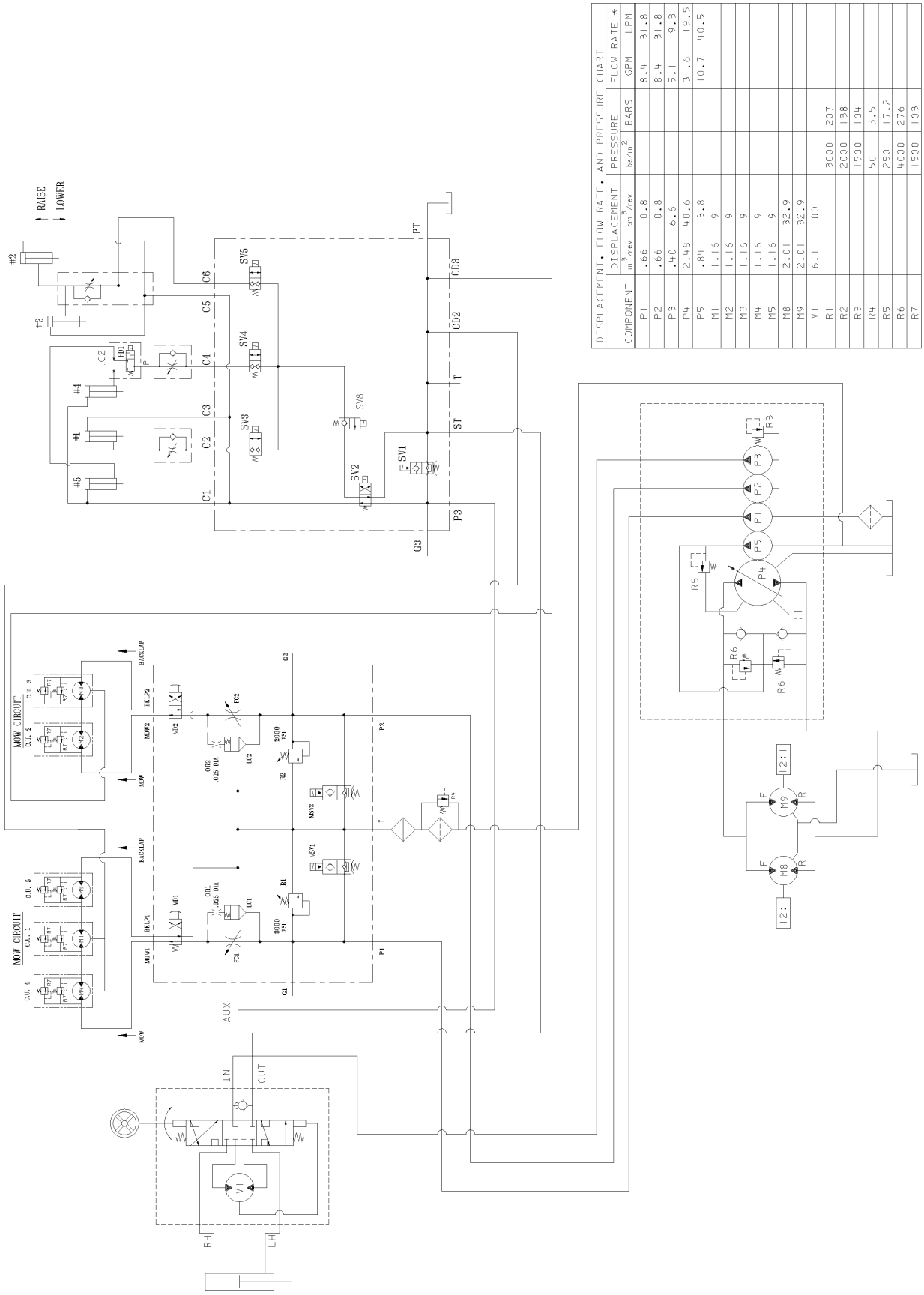
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-3929 | 1 | Spring-Torsion |
| 2 | 104-1805 | 1 | Spring-Torsion, LH |
| 3 | 323-7 | 2 | Screw-HH |
| 4 | 5-1096 | 2 | Chain-Lift |
| 5 | 3296-39 | 16 | Nut-Lock, NI |
| 6 | 3256-24 | 6 | Washer-Flat |
| 7 | 75-5390 | 2 | Roller |
| 8 | 75-5400 | 2 | Pin-Roller |
| 9 | 3256-26 | 4 | Washer-Flat |
| 10 | 32151-61 | 4 | Ring-Retaining |
| 11 | 100-3892-03 | 2 | Bracket-Tipper, Rear |
| 12 | 100-3866-03 | 1 | Support-Tipper Bracket, RH |
| 13 | 100-3867-03 | 1 | Support-Tipper Bracket, LH |
| 14 | 323-8 | 6 | Screw-HH |
| 15 | 3256-3 | 10 | Washer-Flat |
| 16 | 322-5 | 2 | Screw-HH |
| 17 | 3256-2 | 2 | Washer-Flat |
| 18 | 3296-29 | 2 | Nut-Lock, NI |
| 19 | 105-0126-03 | 1 | LH Pivot Rod ASM |
| 20 | 105-0127-03 | 1 | RH Pivot Rod ASM |
| 21 | 323-6 | 4 | Screw-HH |




# Roll-Over-Protection-System Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3234-38 | 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 |
| 6 | 33024-00 | 5 | Nut-Lock |
| 7 | 93-9159 | 2 | Strap-Cover |

# 2 Wheel Drive Hydraulic Schematic (Model 03806 Only)

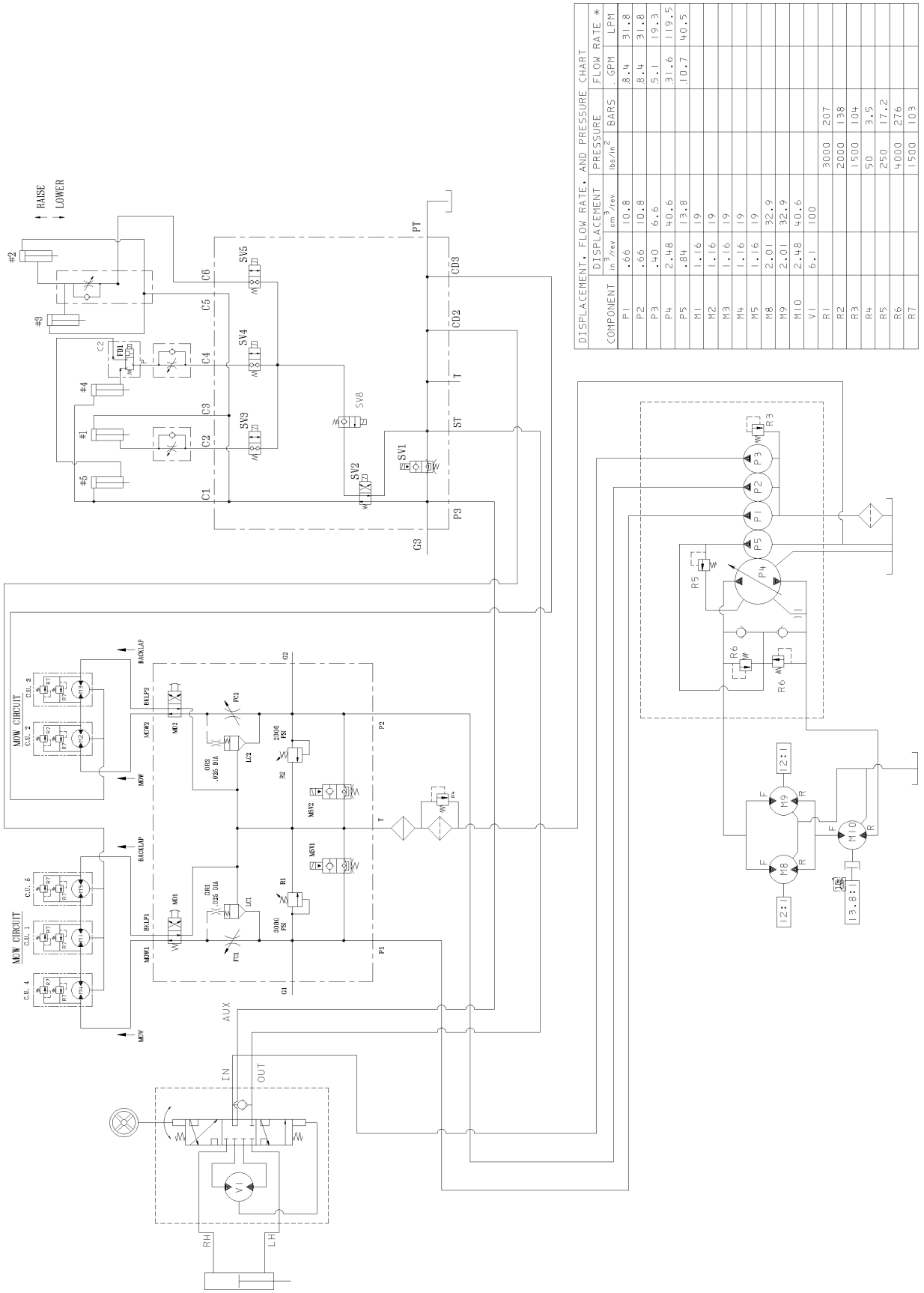



DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

| COMPONENT | DISPLACEMENT in³/rev | DISPLACEMENT cm³/rev | PRESSURE lbs/in² | PRESSURE BARS | FLOW RATE * GPM | FLOW RATE * LPM |
|---|---|---|---|---|---|---|
| P1 | .66 | 10.8 | | | 8.4 | 31.8 |
| P2 | .66 | 10.8 | | | 8.4 | 31.8 |
| P3 | .340 | 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 | | | | |
| 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)

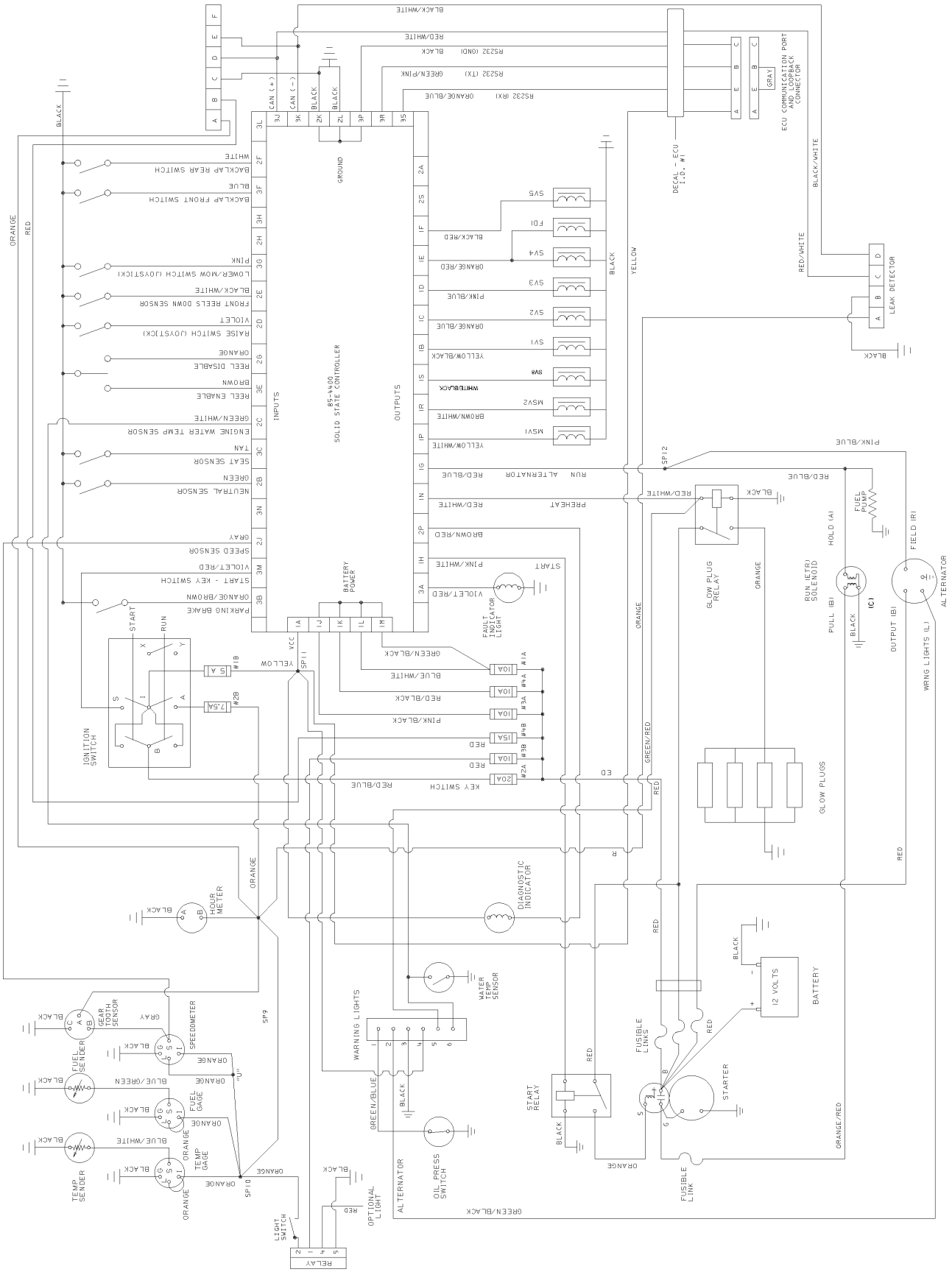


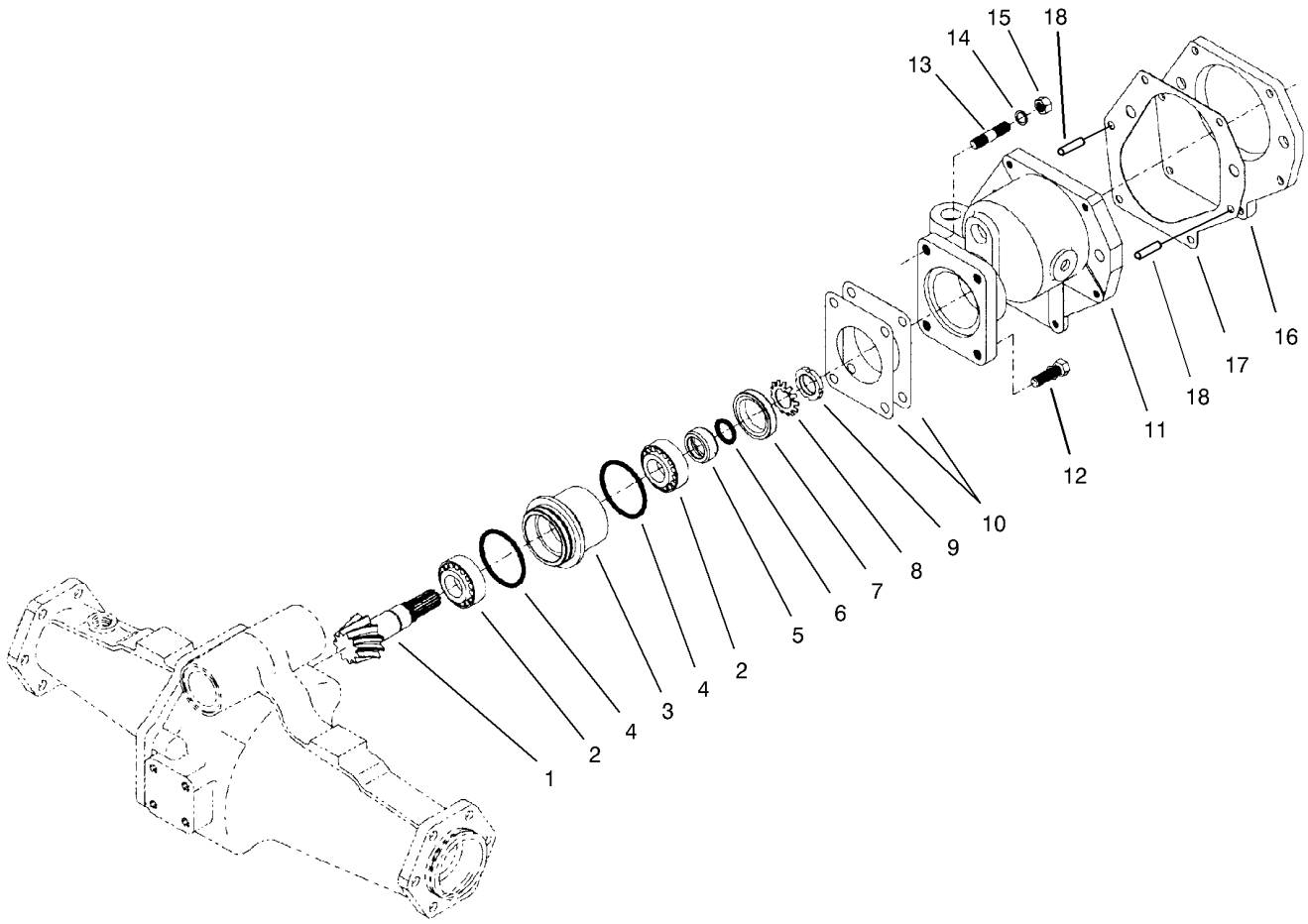

DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

| COMPONENT | DISPLACEMENT in³/rev | DISPLACEMENT cm³/rev | PRESSURE lbs/in² | PRESSURE BARS | FLOW RATE * GPM | FLOW RATE * 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.

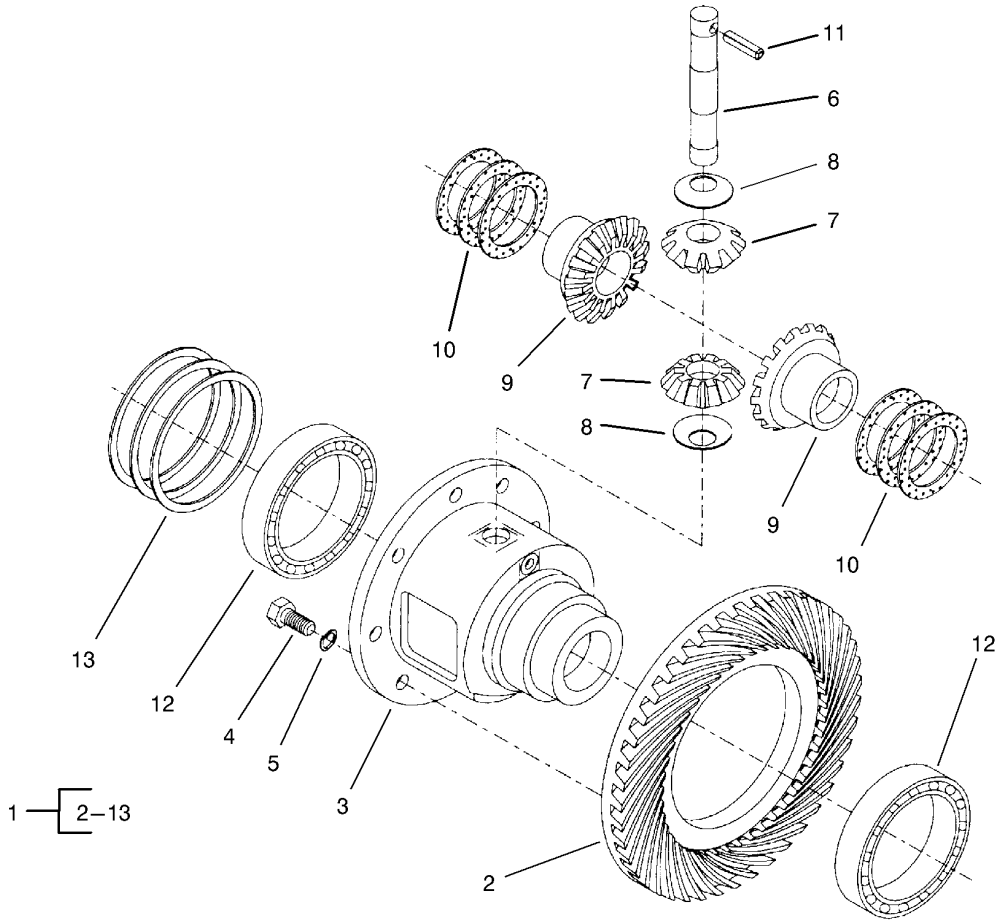
# Electrical Schematic





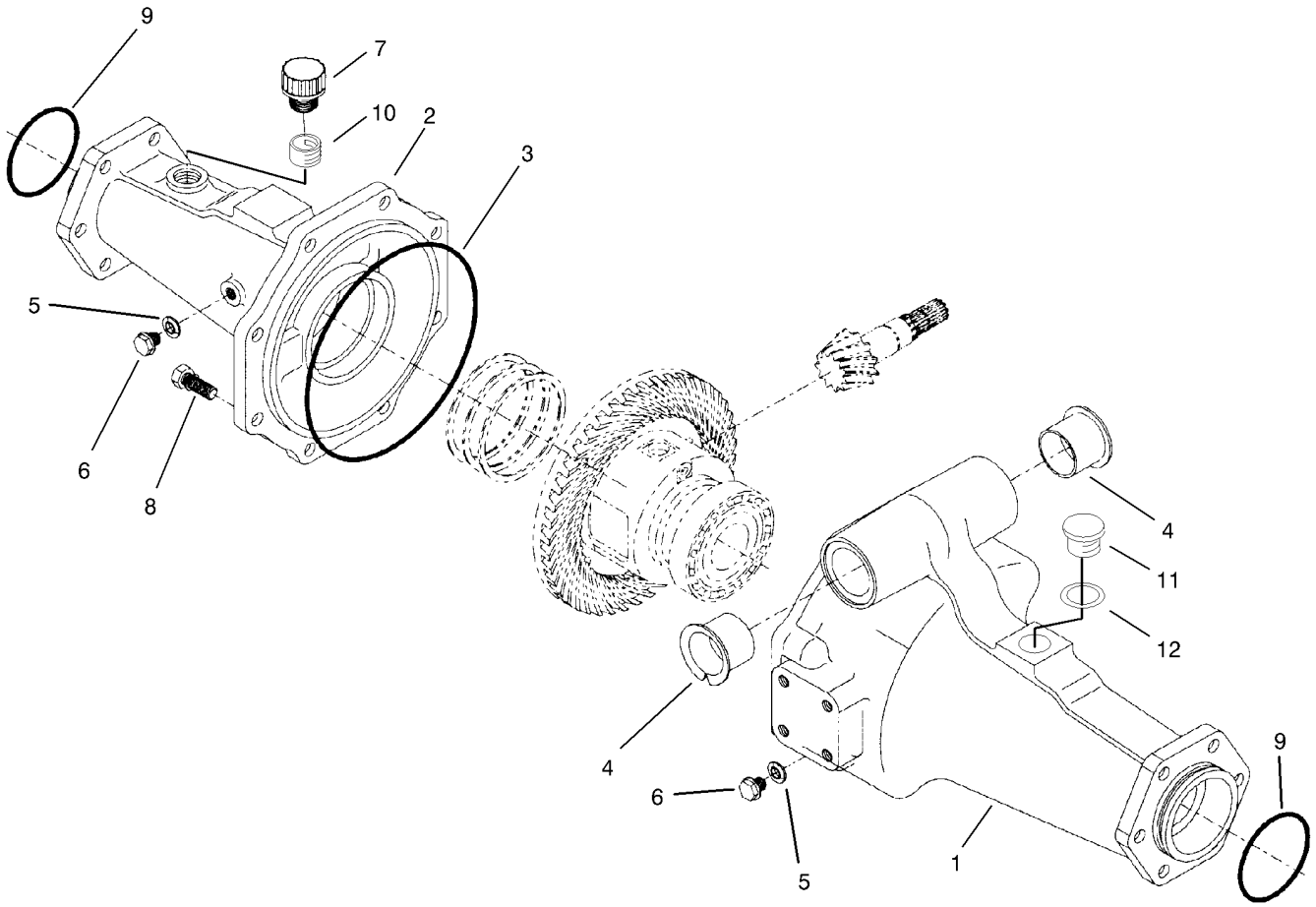

# Rear Axle Assembly No. 100-3784
# Bevel Pinion Shaft Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 100-2555 | 1 | Ring And Pinion Matched Set |
| 2 | 99-7570 | 2 | Bearing-Roller, Taper |
| 3 | 95-7534 | 1 | Case-Bearing |
| 4 | 99-7571 | 2 | O-Ring |
| 5 | 99-7572 | 1 | Collar-Seal, Oil |
| 6 | 99-7573 | 1 | O-Ring |
| 7 | 99-7574 | 1 | Seal-Oil |
| 8 | 99-7559 | 1 | Washer-Lock |
| 9 | 99-7560 | 1 | Nut-Lock |
| 10 | 99-7550 | 2 | Shim 0.1 |
| 10 | 99-7551 | 2 | Shim 0.2 |
| 11 | 95-7533 | 1 | Case-Gear |
| 12 | 99-7575 | 2 | Bolt |
| 13 | 100-2556 | 2 | Stud |
| 14 | 99-7527 | 2 | Washer-Spring |
| 15 | 99-7526 | 2 | Nut |
| 16 | 95-7541 | 1 | Plate-Cover |
| 17 | 95-7540 | 1 | Gasket |
| 18 | 104-2353 | 2 | Pin-Dowel |



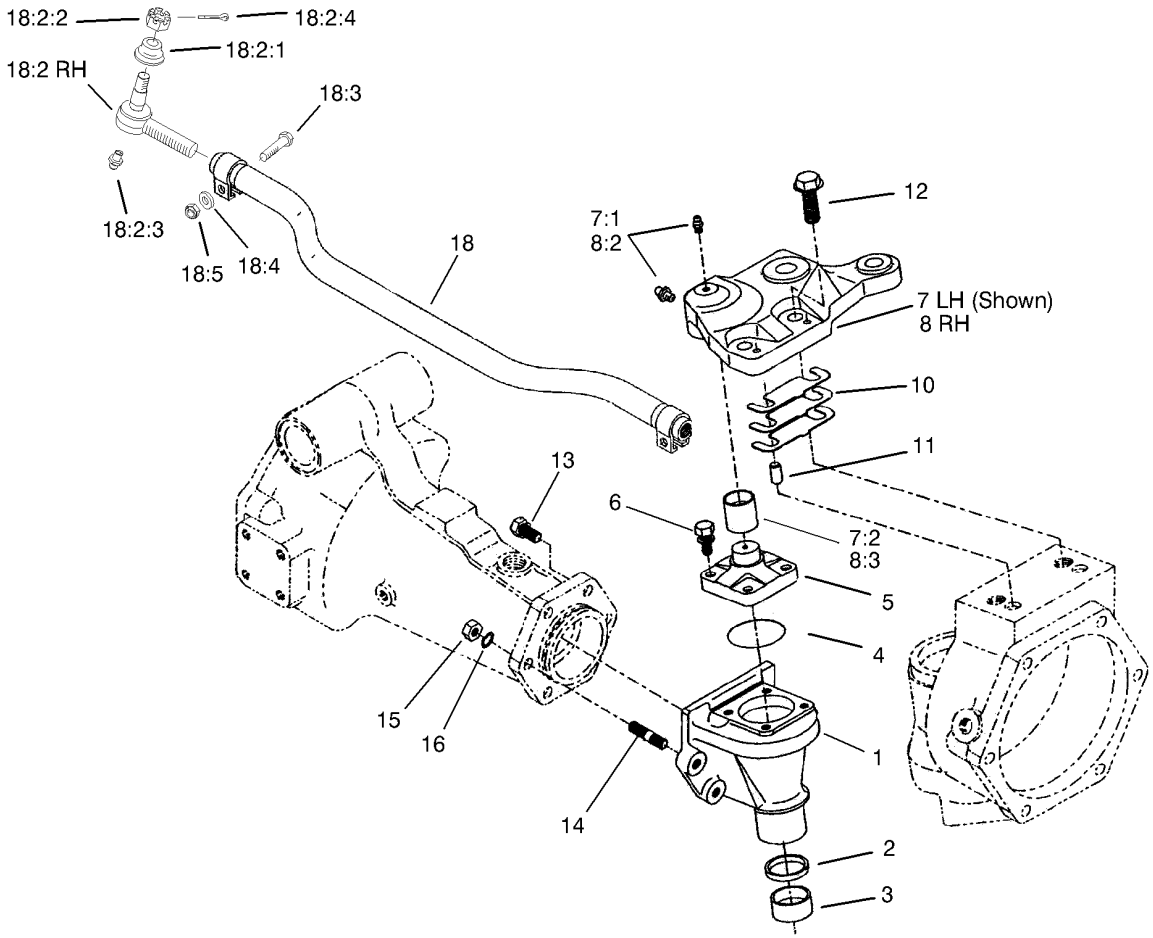

# Rear Axle Assembly No. 100-3784 (Continued)
# Differential Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7503 | 1 | Differential ASM |
| 2 | 100-2555 | 1 | Ring And Pinion 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 |




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

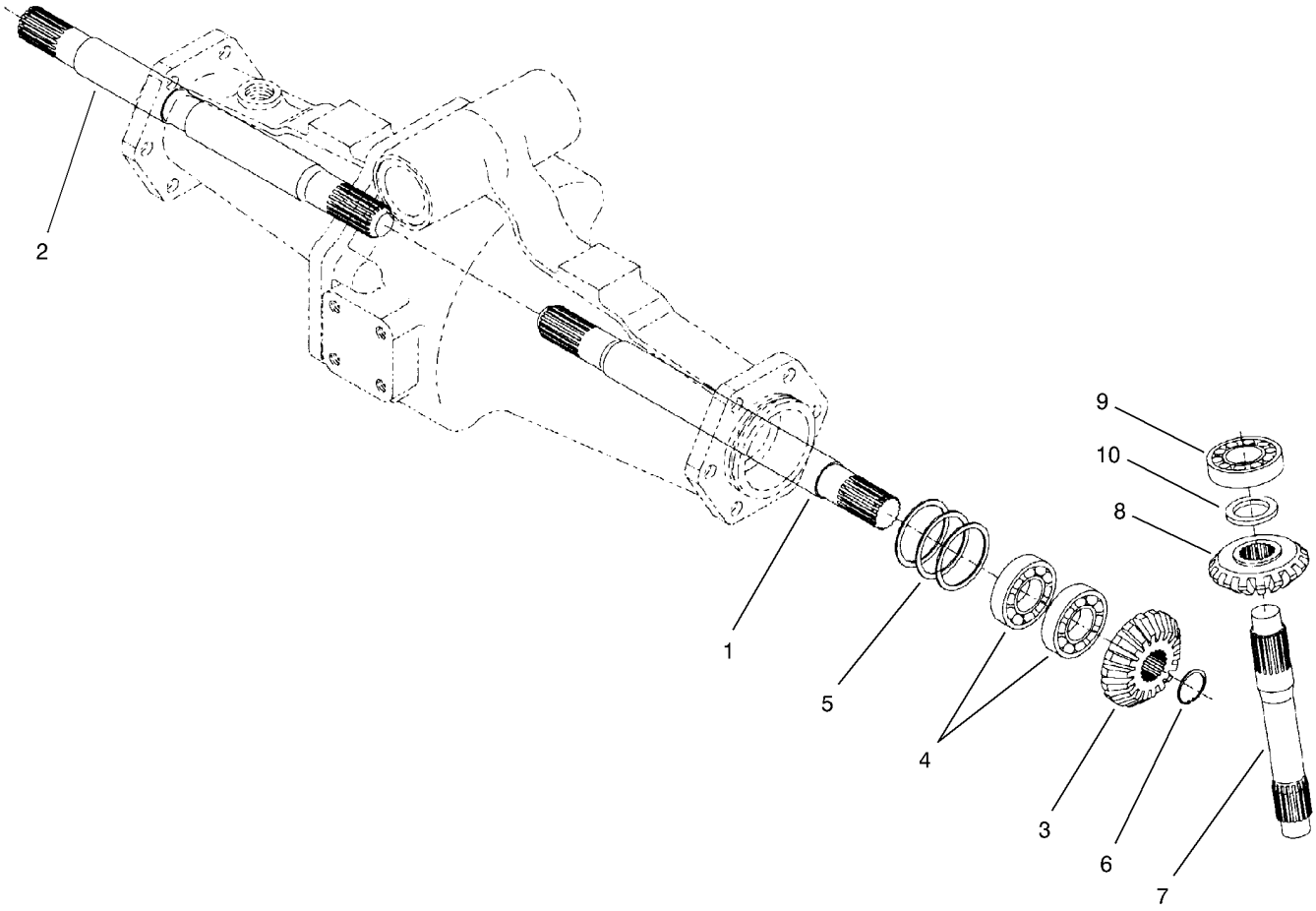
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7508 | 1 | Support-Axle |
| 2 | 95-7506 | 1 | Support-Axle |
| 3 | 95-7507 | 1 | O-Ring |
| 4 | 95-7537 | 2 | Bushing-Flanged |
| 5 | 99-7590 | 2 | Washer-Seal |
| 6 | 99-7589 | 2 | Plug |
| 7 | 99-7591 | 1 | Oil Plug ASM |
| 8 | 99-7592 | 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 |




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

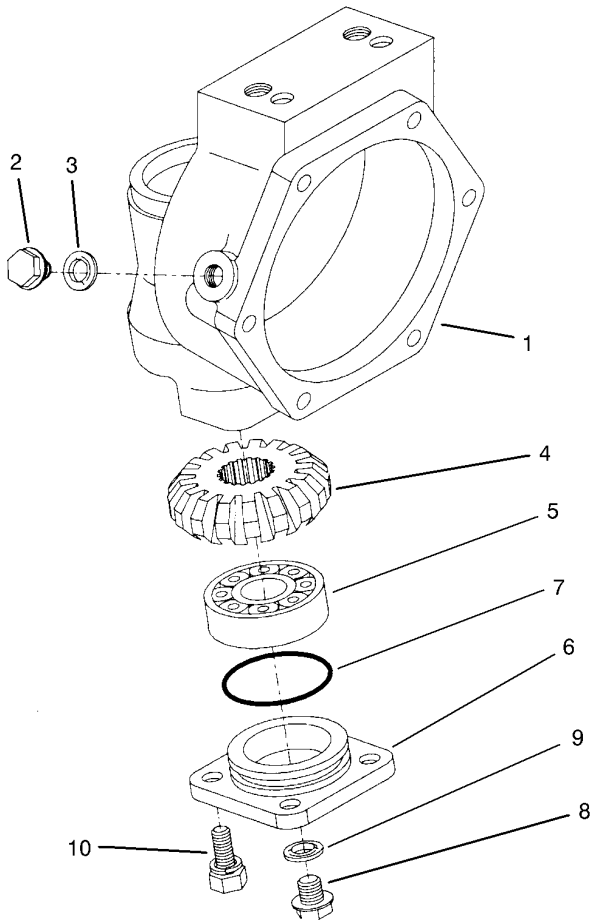
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7538 | 2 | Case-Gear, Bevel |
| 2 | 100-2557 | 2 | Seal-Oil |
| 3 | 104-2378 | 2 | Bushing |
| 4 | 104-2372 | 2 | O-Ring |
| 5 | 104-2373 | 2 | Knuckle |
| 6 | 104-2374 | 8 | Bolt |
| 7 | 100-3768 | 1 | LH Steering Arm ASM |
| 7:1 | 302-5 | 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 |
| ❶18:1 | 100-3851 | 1 | LH Tie Rod End ASM |
| ❶18:1:1 | 100-3853 | 1 | Cover-Dust |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❶18:1:2 | 100-3854 | 1 | Nut-Castle |
| ❶18:1:3 | 302-5 | 1 | Fitting-Grease |
| ❶18:1:4 | 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 |



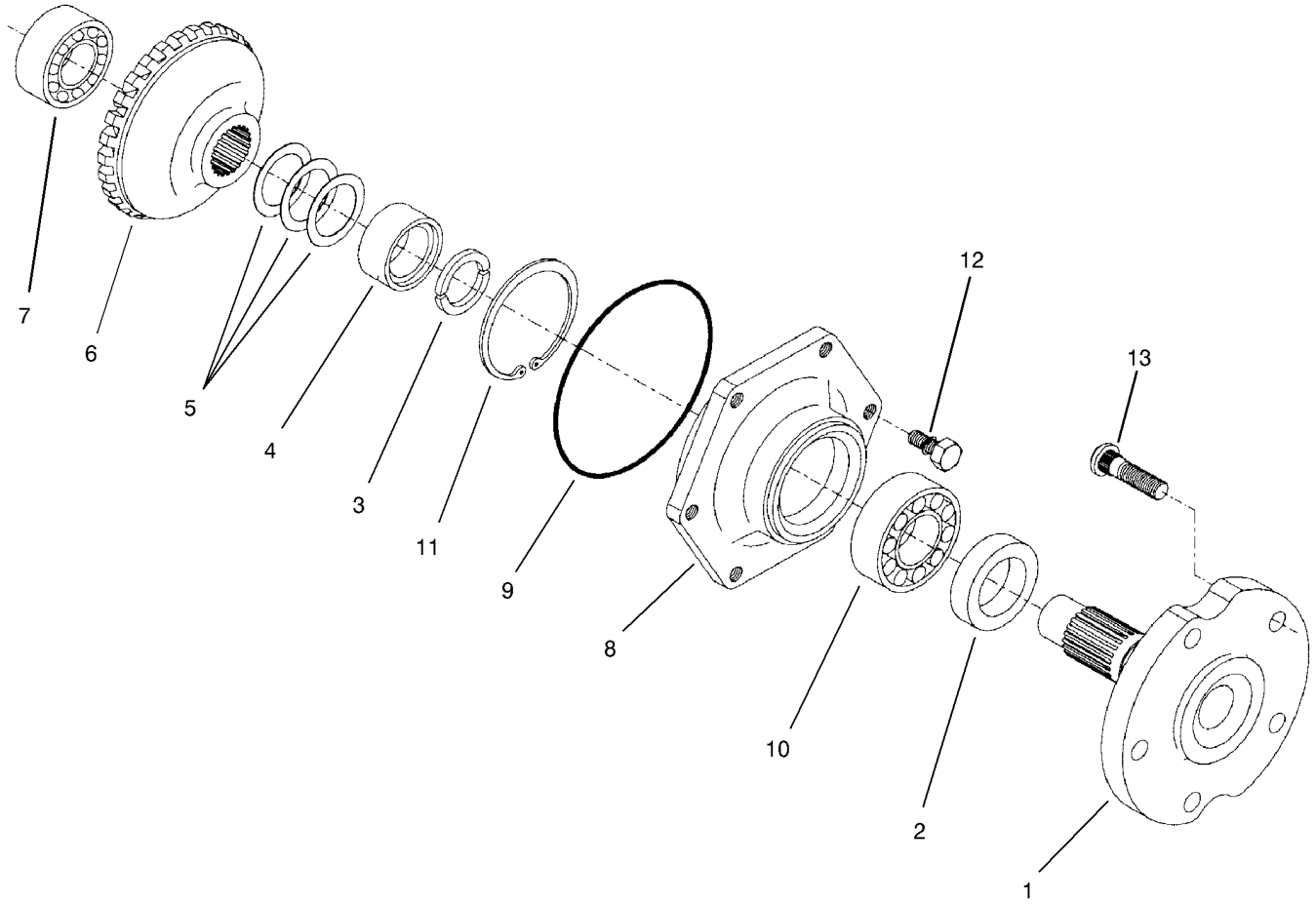

# Rear Axle Assembly No. 100-3784 (Continued)
# Bevel Gear Shaft Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7509 | 1 | Shaft-Gear, Differential |
| 2 | 95-7512 | 1 | Shaft-Gear, Differential |
| 3 | 95-7517 | 2 | Gear-Bevel, 15 Tooth |
| 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-Gear, Bevel |
| 8 | 95-7519 | 2 | Gear-Bevel, 17 Tooth |
| 9 | 99-7532 | 2 | Bearing-Roller, Taper |
| 10 | 99-7558 | 2 | Collar |



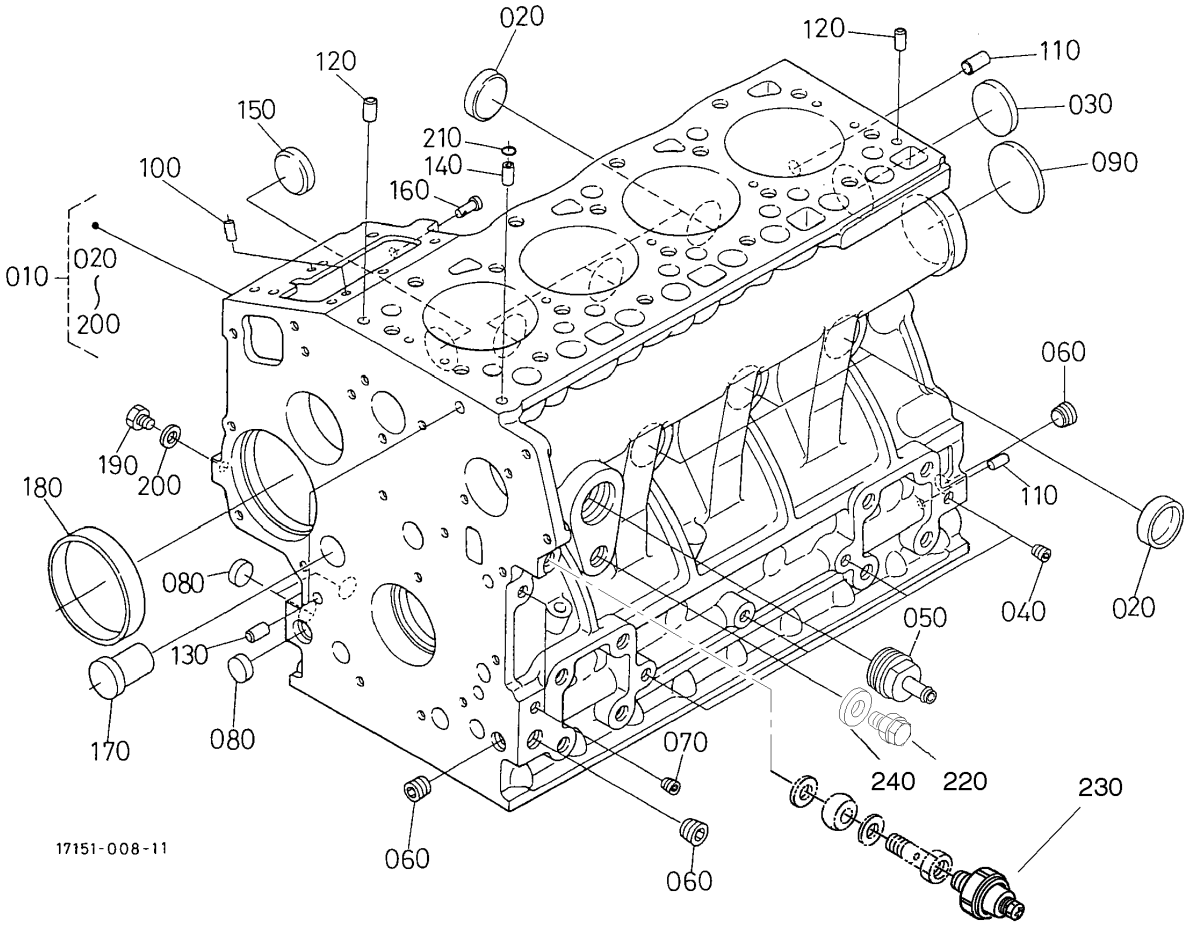

# Rear Axle Assembly No. 100-3784 (Continued)
# Axle Case Assembly

| Ref | 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-Bevel, 17 Tooth |
| 5 | 99-7532 | 2 | Bearing-Roller, Taper |
| 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 |



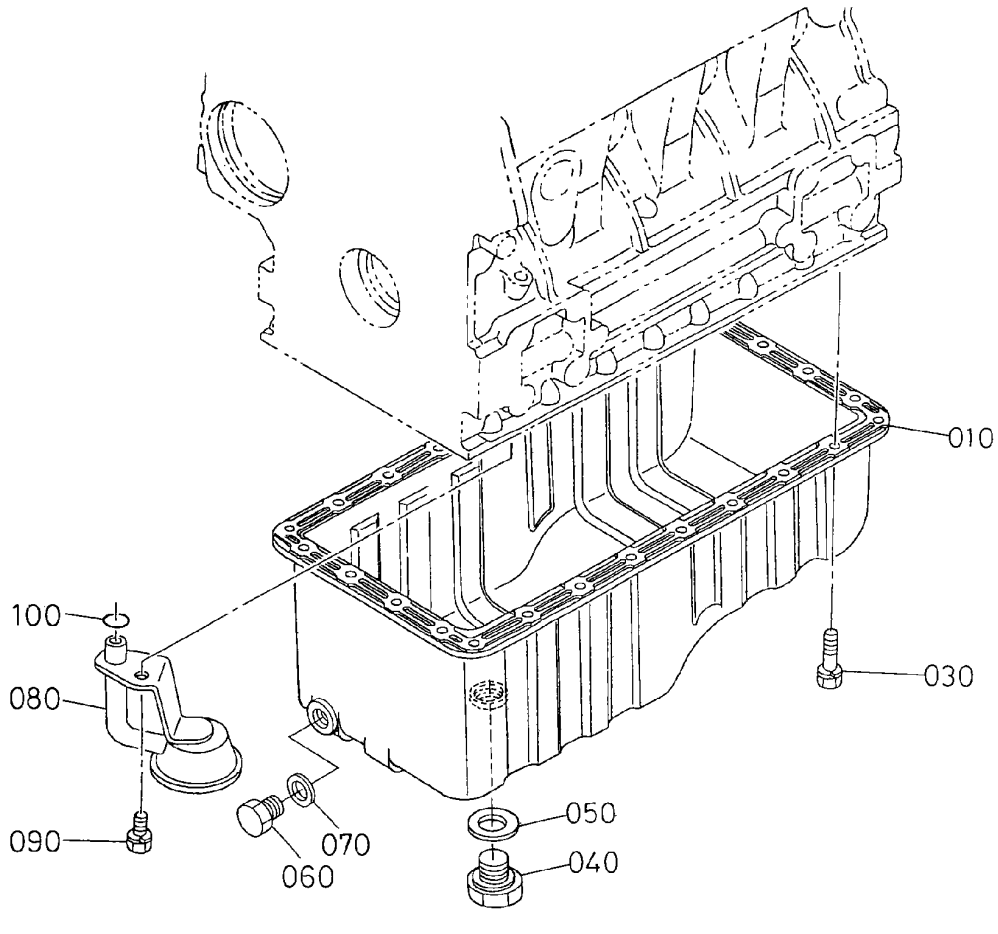

# Rear Axle Assembly No. 100-3784 (Continued)
## Axle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 95-7522 | 2 | Axle |
| 2 | 99-7564 | 2 | Seal-Oil |
| 3 | 95-7544 | 4 | Clip |
| 4 | 95-7523 | 2 | Spacer |
| 5 | 99-7555 | 2 | Shim 0.3 |
| 5 | 99-7556 | 2 | Shim 0.2 |
| 5 | 99-7557 | 2 | Shim 0.5 |
| 6 | 95-7524 | 2 | Gear-Bevel, 29 Tooth |
| 7 | 99-7534 | 2 | Bearing-Ball |
| 8 | 95-7521 | 2 | Cover-Axle |
| 9 | 99-7538 | 2 | O-Ring |
| 10 | 99-7561 | 2 | Bearing-Ball |
| 11 | 99-7539 | 2 | Clip |
| 12 | 99-7596 | 12 | Bolt |
| 13 | 99-7563 | 10 | Stud |



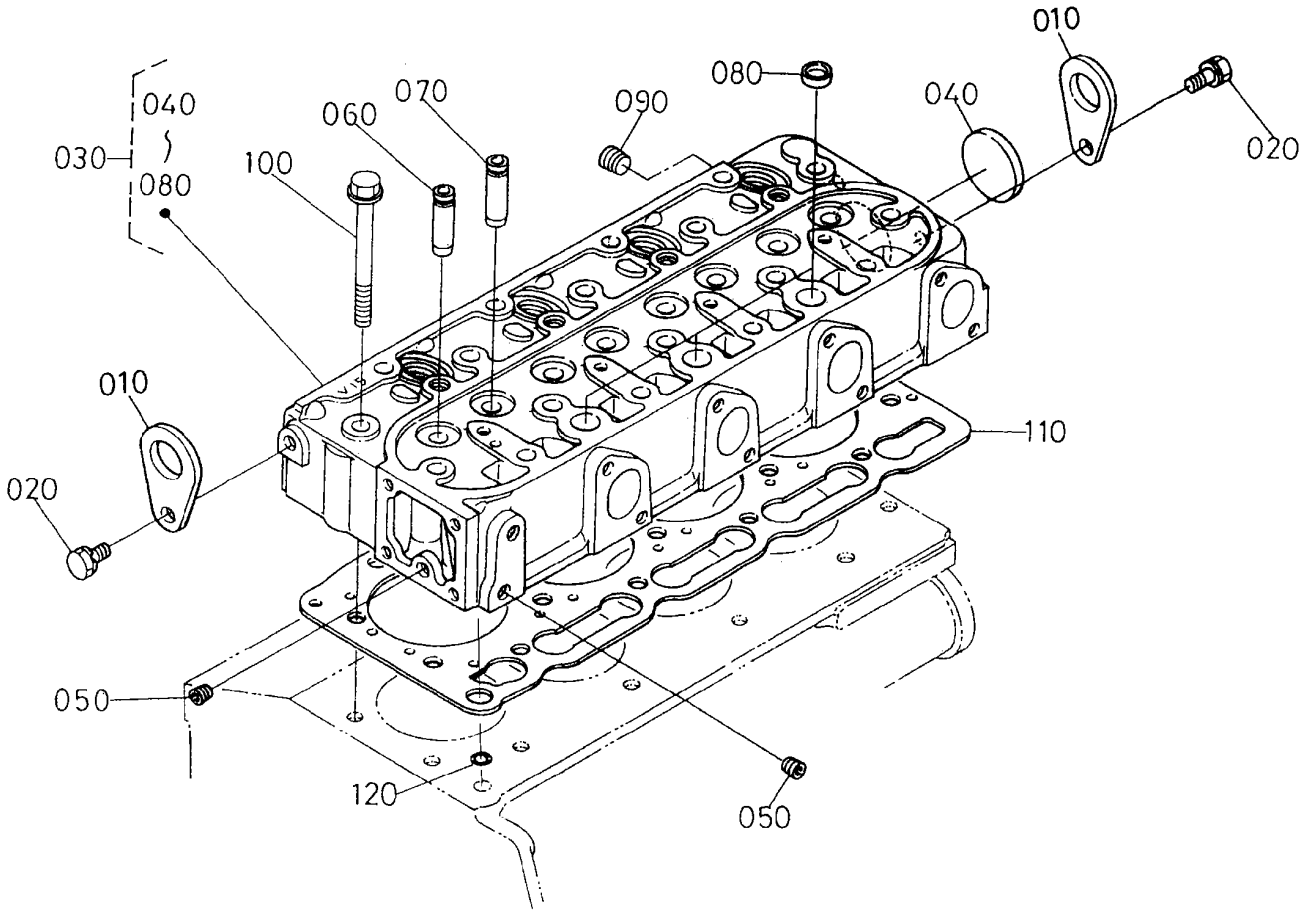

# Crankcase Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3701 | 1 | Crankcase-Complete |
| 20 | 98-9398 | 6 | Cap-Sealing |
| 30 | 98-7539 | 1 | Cap-Sealing |
| 40 | 98-7540 | 4 | Plug |
| 50 | 98-8347 | 1 | Screw-Taptite |
| 60 | 98-9597 | 3 | Plug |
| 70 | 98-7487 | 2 | Plug |
| 80 | 98-7489 | 3 | Plug |
| 90 | 98-9668 | 1 | Plug |
| 100 | 105-3793 | 2 | Pin-Straight |
| 110 | 105-3794 | 2 | Pin-Straight |
| 120 | 105-3795 | 2 | Pin-Straight |
| 130 | 98-9387 | 2 | Pin-Pipe |
| 140 | 98-9539 | 1 | Pin-Pipe |
| 150 | 98-9599 | 1 | Plug |
| 160 | 105-3796 | 1 | Pin-Start Spring |
| 170 | 98-9675 | 1 | Plug |
| 180 | 98-9656 | 1 | Bushing-Governor, Gear |
| 190 | 98-7507 | 1 | Plug |
| 200 | 98-7428 | 1 | Gasket |
| 210 | 98-7509 | 1 | O-Ring |
| 220 | 99-3447 | 1 | Plug |
| 230 | 98-9416 | 1 | Switch-Oil |
| 240 | 106-7056 | 1 | Gasket |



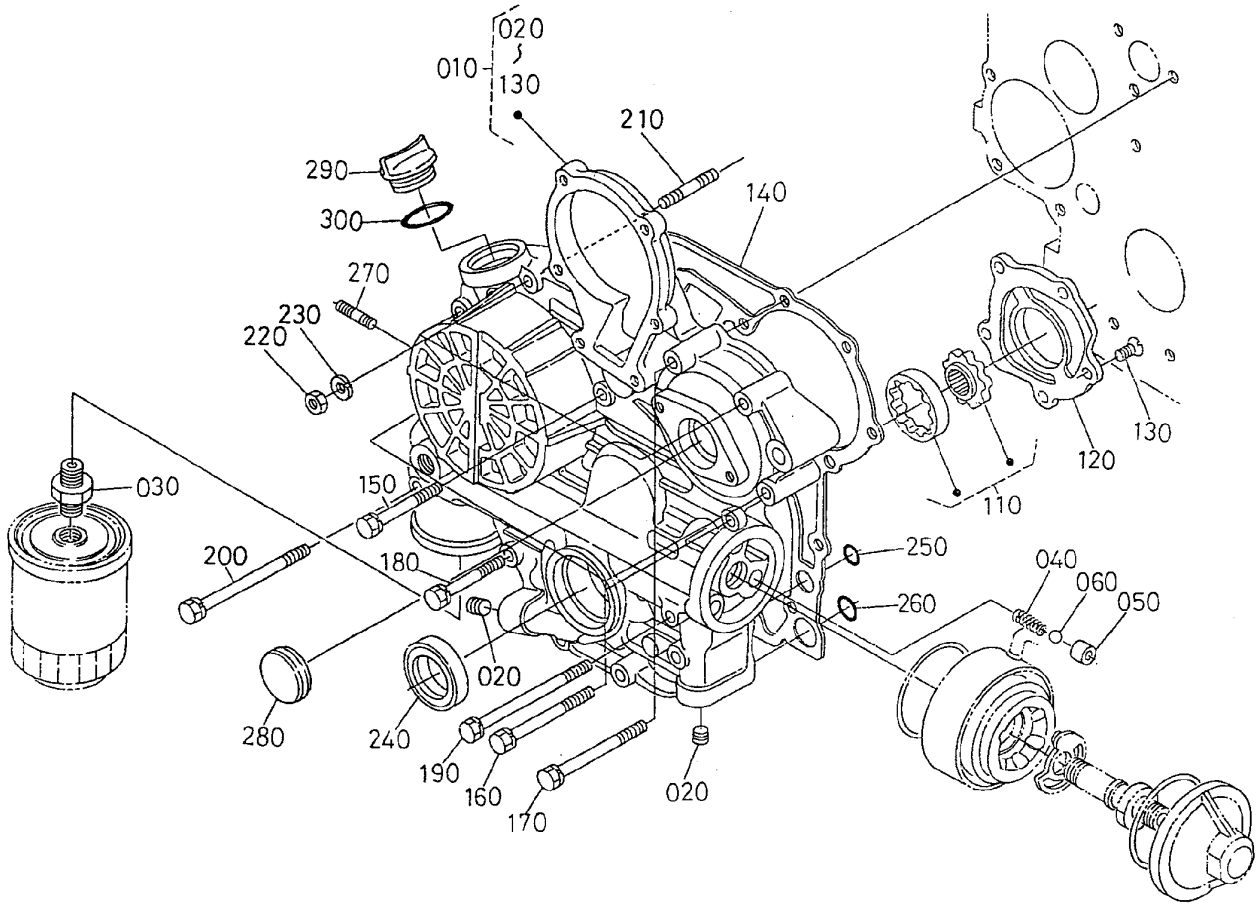

# Oil Pan Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3702 | 1 | Pan-Oil, Complete |
| 30 | 98-9350 | 2 | Bolt |
| 40 | 105-3703 | 1 | Plug-Drain |
| 50 | 98-9399 | 1 | Gasket |
| 60 | 98-9386 | 1 | Plug |
| 70 | 98-7524 | 1 | Gasket |
| 80 | 105-3704 | 1 | Filter-Oil |
| 90 | 98-7526 | 1 | Bolt |
| 100 | 105-3776 | 1 | O-Ring |




# Cylinder Head Assembly

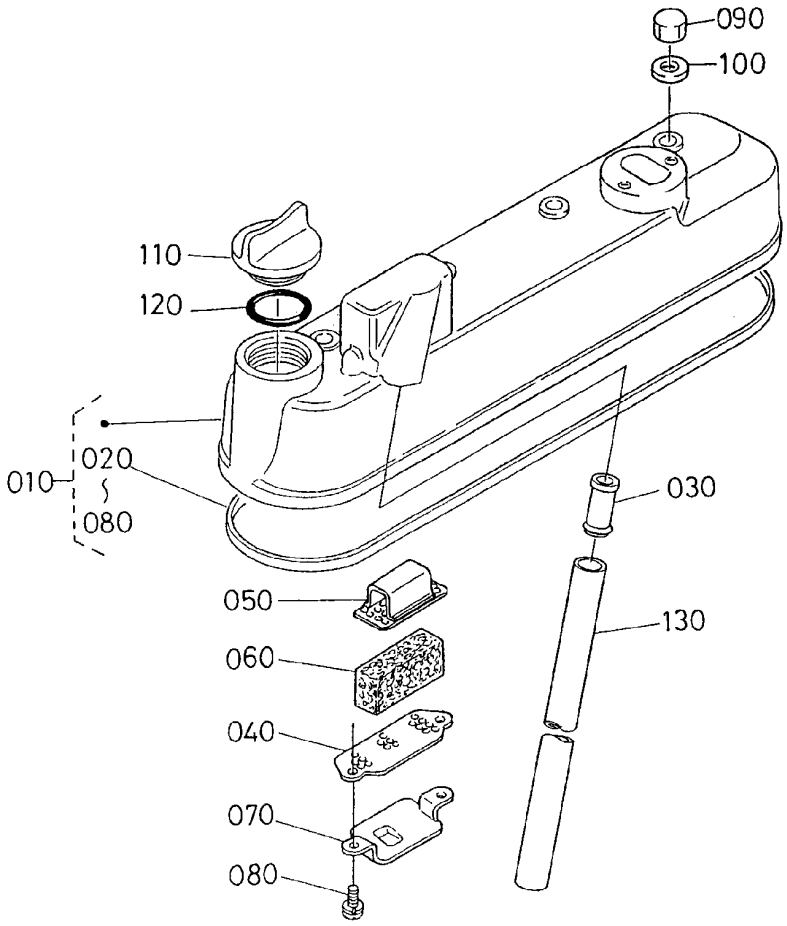
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-7531 | 2 | Hook-Engine |
| 20 | 100-9195 | 2 | Bolt |
| 30 | 105-3775 | 1 | Head-Cylinder, Complete |
| 40 | 105-3705 | 1 | Cap-Sealing |
| 50 | 98-7540 | 2 | Plug |
| 60 | 98-9499 | 4 | Guide-Valve, Inlet |
| 70 | 98-9500 | 4 | Guide-Valve, Exhaust |
| 80 | 98-9389 | 3 | Cap-Sealing |
| 90 | 98-9444 | 1 | Plug |
| 100 | 98-9479 | 1 | Bolt-Head, Cylinder |
| 110 | 105-3706 | 1 | Gasket-Head, Cylinder |
| 120 | 98-7509 | 1 | O-Ring |




# Gear Case Assembly

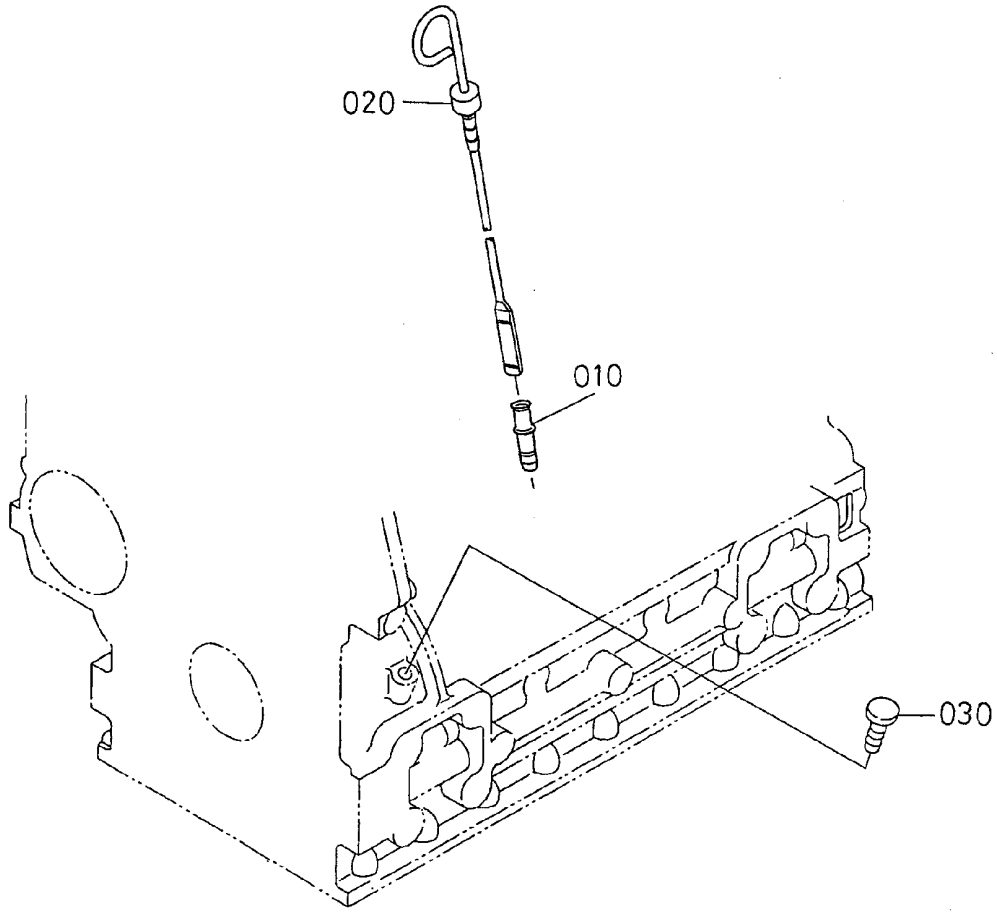
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3707 | 1 | Case-Gear, Complete |
| 20 | 98-9598 | 5 | Plug |
| 30 | 98-9388 | 1 | Joint-Pipe |
| 40 | 98-9544 | 1 | Spring |
| 50 | 98-9543 | 1 | Seat-Valve |
| 60 | 98-9380 | 1 | Ball |
| 110 | 98-9540 | 1 | Oil Pump Rotor ASM |
| 120 | 105-3708 | 1 | Cover-Pump, Oil |
| 130 | 98-9592 | 5 | Screw |
| 140 | 98-9633 | 1 | Gasket-Case, Gear |
| 150 | 98-7496 | 3 | Bolt |
| 160 | 105-3797 | 4 | Bolt |
| 170 | 98-9356 | 2 | Bolt |
| 180 | 98-9437 | 1 | Bolt |
| 190 | 98-9586 | 2 | Bolt |
| 200 | 99-3511 | 1 | Bolt |
| 210 | 105-3709 | 1 | Stud |
| 220 | 98-7572 | 1 | Nut |
| 230 | 98-7699 | 1 | Washer-Spring |
| 240 | 98-9482 | 1 | Seal-Oil |
| 250 | 98-9372 | 2 | O-Ring |
| 260 | 105-3777 | 1 | O-Ring |
| 270 | 105-3710 | 2 | Stud |
| 280 | 98-9641 | 1 | Cover |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 290 | 98-9449 | 1 | Plug-Filler, Oil |
| 300 | 99-3446 | 1 | O-Ring |



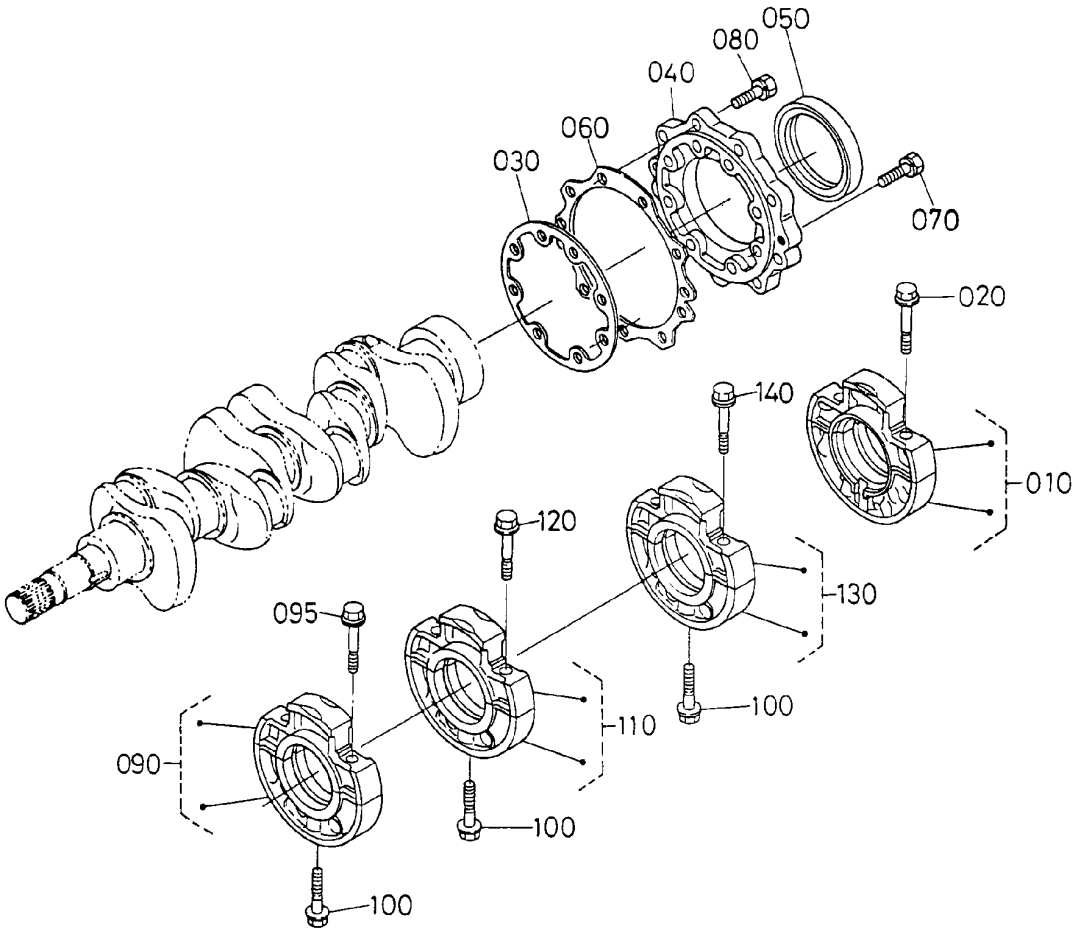

# Head Cover Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3711 | 1 | Cylinder Head Cover ASM |
| 20 | 105-3712 | 1 | Gasket-Cover, Head |
| 30 | 98-9492 | 1 | Joint-Pipe, Breather |
| 40 | 98-9488 | 1 | Plate-Element, Breather |
| 50 | 98-9489 | 1 | Plate-Element, Breather |
| 60 | 98-9493 | 1 | Element-Breather |
| 70 | 98-9490 | 1 | Shield-Oil, Breather |
| 80 | 98-7421 | 2 | Screw W/washer |
| 90 | 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 |



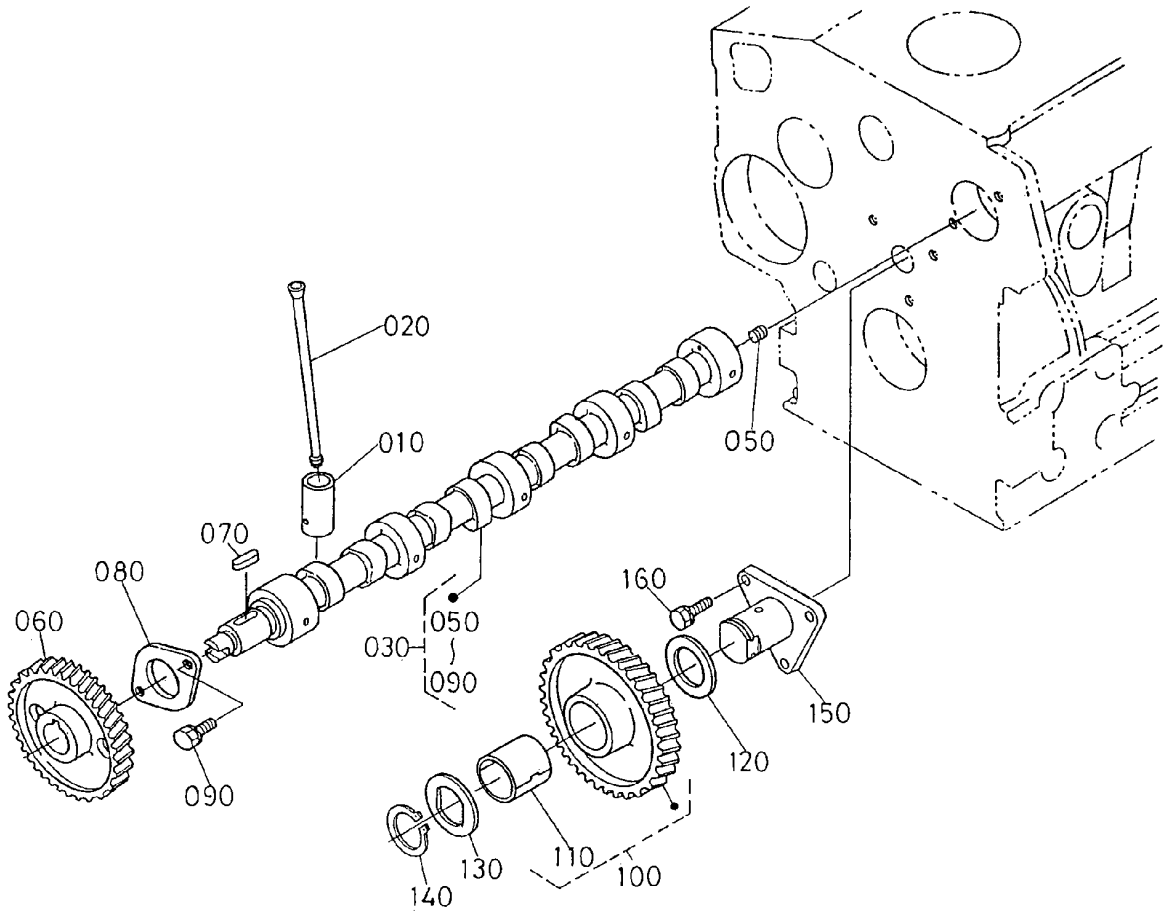

# Dipstick and Guide Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3713 | 1 | Guide-Gauge, Oil |
| 20 | 105-3714 | 1 | Gauge-Oil |
| 30 | 105-3715 | 1 | Plug-Gauge, Oil |



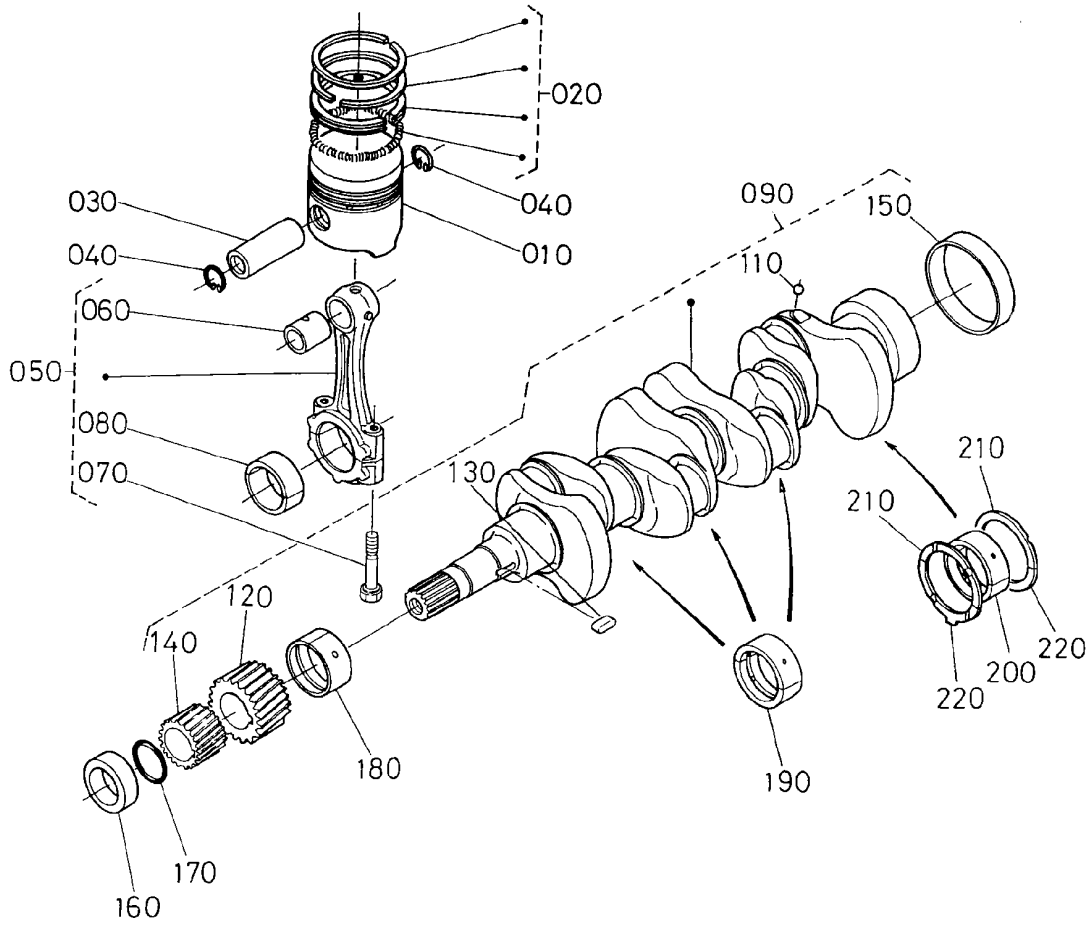

# Main Bearing Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9480 | 1 | Main Bearing Case ASM |
| 20 | 98-9484 | 2 | Bolt-Case, Bearing |
| 30 | 98-9634 | 1 | Gasket-Case, Bearing |
| 40 | 98-9487 | 1 | Cover-Case, Bearing |
| 50 | 98-9483 | 1 | Seal-Oil |
| 60 | 98-9635 | 1 | Gasket-Cover, Bearing Case |
| 70 | 98-9352 | 8 | Bolt |
| 80 | 98-7568 | 9 | Bolt |
| 90 | 99-8361 | 1 | Case-Bearing, Main |
| 95 | 98-9484 | 2 | Bolt-Case, Bearing |
| 100 | 98-9485 | 3 | Bolt-Case, Bearing |
| 110 | 99-8360 | 1 | Case-Bearing, Main |
| 120 | 98-9484 | 2 | Bolt-Case, Bearing |
| 130 | 105-3716 | 1 | Main Bearing Case ASM |
| 140 | 98-9484 | 2 | Bolt-Case, Bearing |




# Camshaft and Idle Gear Shaft Assembly

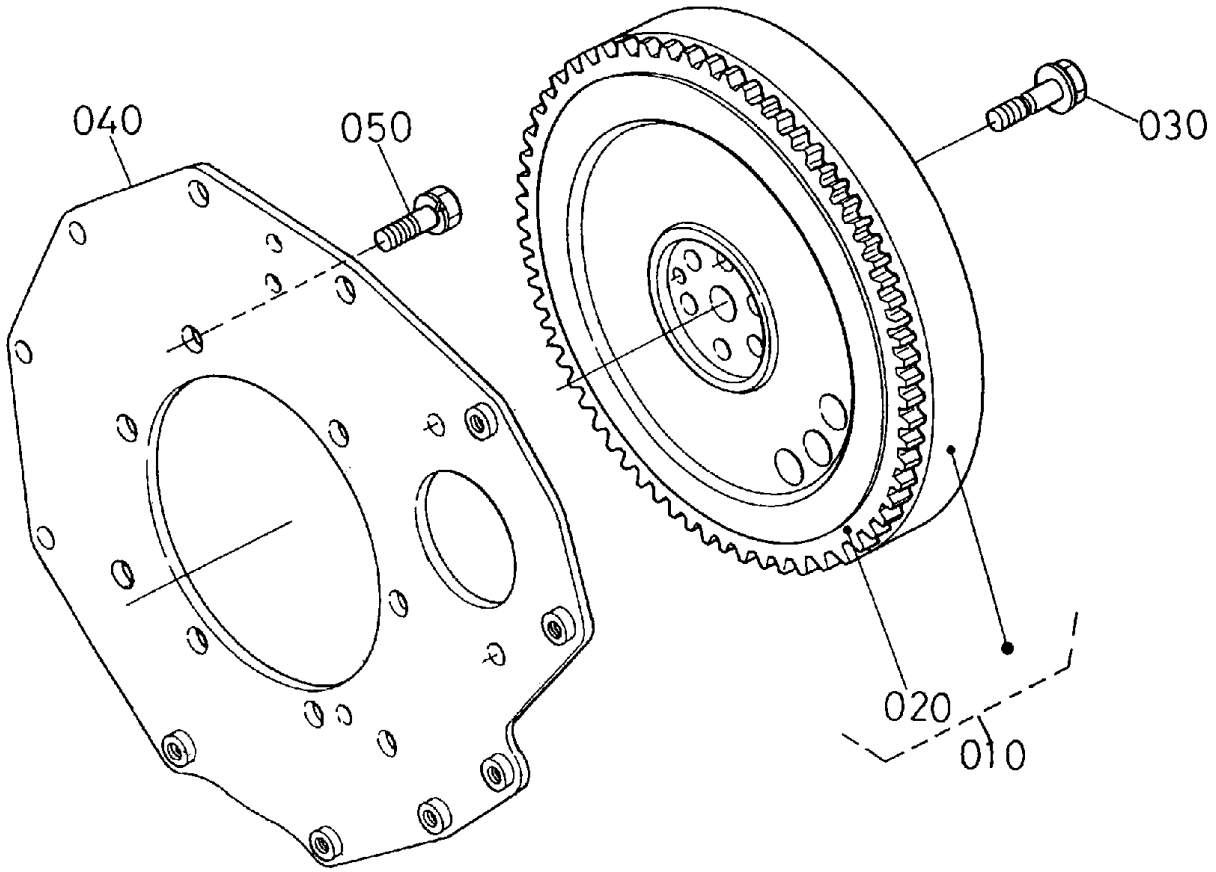
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9616 | 8 | Tappet |
| 20 | 98-9509 | 8 | Rod-Push |
| 30 | 105-3717 | 1 | Camshaft ASM |
| 50 | 98-7449 | 1 | Screw-Set |
| 60 | 98-9512 | 1 | Gear-Cam |
| 70 | 98-9378 | 1 | Key-Feather |
| 80 | 98-9510 | 1 | Stopper-Camshaft |
| 90 | 98-9351 | 2 | Bolt |
| 100 | 98-9649 | 1 | Idle Gear ASM |
| 110 | 98-9650 | 1 | Bushing-Gear, Idle |
| 120 | 98-9535 | 1 | Collar-Gear, Idle |
| 130 | 98-9536 | 1 | Collar-Gear, Idle |
| 140 | 98-9534 | 1 | Clip-Circular, Idle Gear |
| 150 | 98-9533 | 1 | Shaft-Gear, Idle |
| 160 | 98-7692 | 3 | Bolt |




# Piston and Crankshaft Assembly

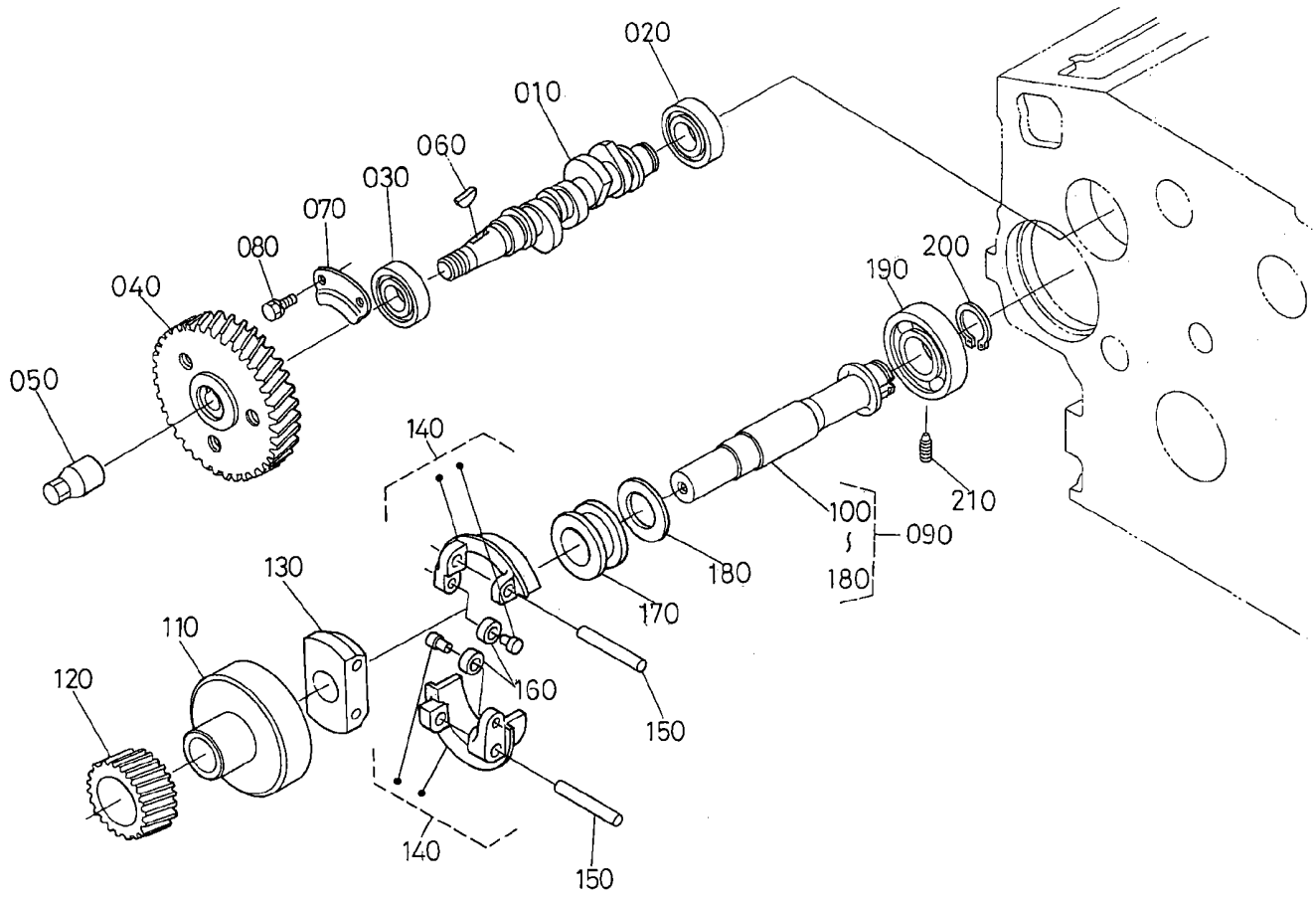
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9550 | 4 | Piston (Std) |
| 20 | 98-9551 | 4 | Piston Ring ASM (Std) |
| 20 | 98-9619 | 4 | Piston Ring ASM (0.5mm) |
| 30 | 98-9513 | 4 | Pin-Piston |
| 40 | 98-9514 | 8 | Clip-Circular, Piston Pin |
| 50 | 98-9552 | 4 | Connecting Rod ASM |
| 60 | 98-9515 | 4 | Bushing-Pin, Piston |
| 70 | 98-9517 | 8 | Bolt-Rod, Connecting |
| 80 | 98-9519 | 4 | Bearing-Rod (0.2mm) |
| 80 | 98-9520 | 4 | Bearing-Rod (0.4mm) |
| 80 | 98-9553 | 4 | Bearing-Rod (Std) |
| 90 | 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 | 98-9554 | 1 | Bearing-Main (Std) |
| 180 | 98-9528 | 1 | Bearing-Main (0.2mm) |
| 180 | 98-9529 | 1 | Bearing-Main (0.4mm) |
| 190 | 98-9524 | 3 | Metal-Crankshaft (Std Set) |
| 190 | 98-9530 | 3 | Bearing-Main (0.2mm) |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 190 | 98-9531 | 3 | Bearing-Main (0.4mm) |
| 200 | 98-9556 | 1 | Bearing-Main (Std) |
| 200 | 105-3719 | 1 | Metal-Crankshaft (.2mm) |
| 200 | 105-3720 | 1 | Metal-Crankshaft (.4mm) |
| 210 | 99-6864 | 2 | Metal-Side (Std) |
| 210 | 98-9414 | 2 | Bearing-Thrust (0.2mm) |
| 210 | 98-9415 | 2 | Bearing-Thrust (0.4mm) |
| 220 | 99-6867 | 2 | Metal-Side (Std) |
| 220 | 99-6868 | 2 | Metal-Side, O/s (0.2mm) |
| 220 | 99-6869 | 2 | Metal-Side, O/s (0.4mm) |



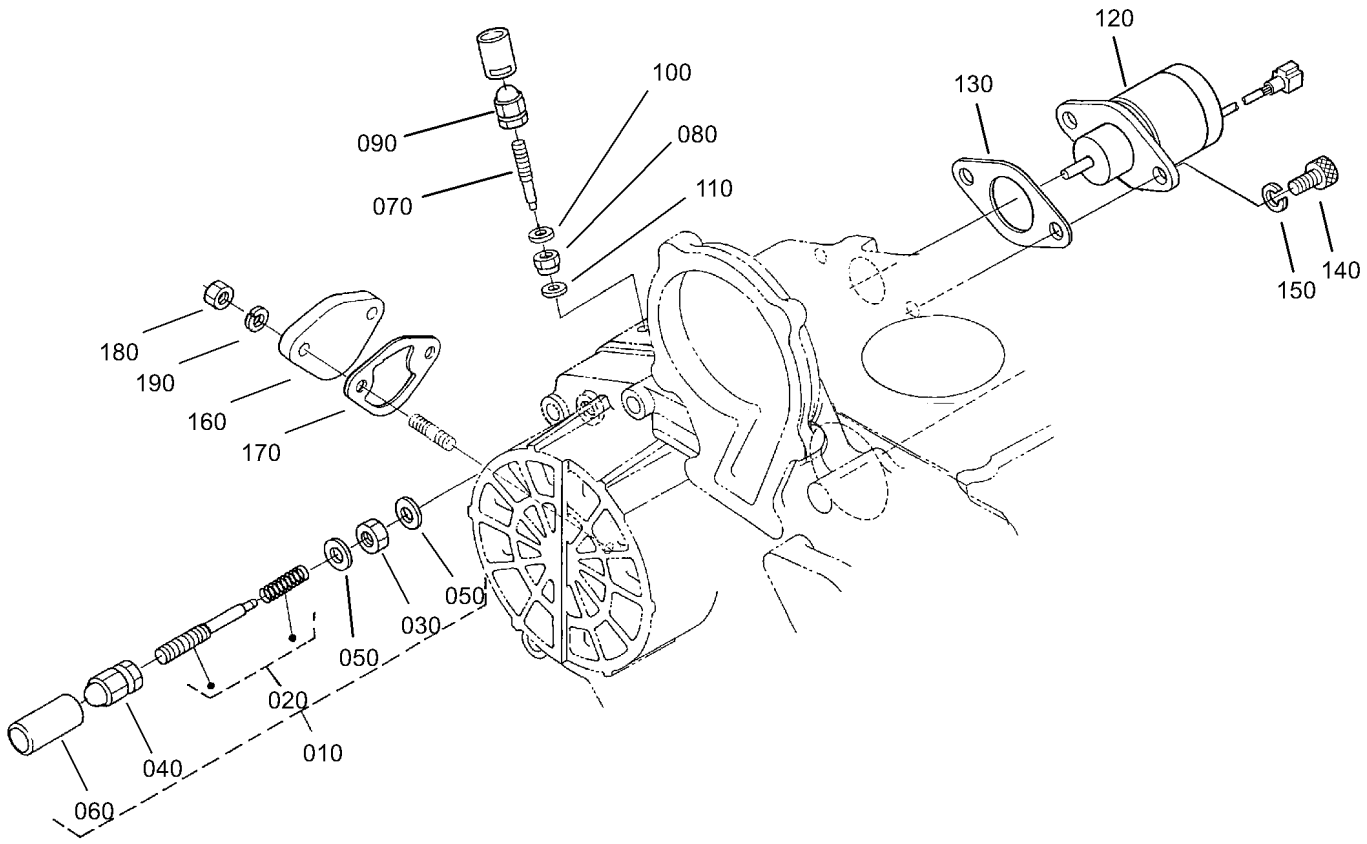

# Flywheel Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3721 | 1 | Flywheel-Complete |
| 20 | 105-3722 | 1 | Gear-Ring |
| 30 | 98-9537 | 6 | Bolt-Flywheel |
| 40 | 98-9486 | 1 | Plate-End, Rear |
| 50 | 98-9392 | 8 | Bolt |



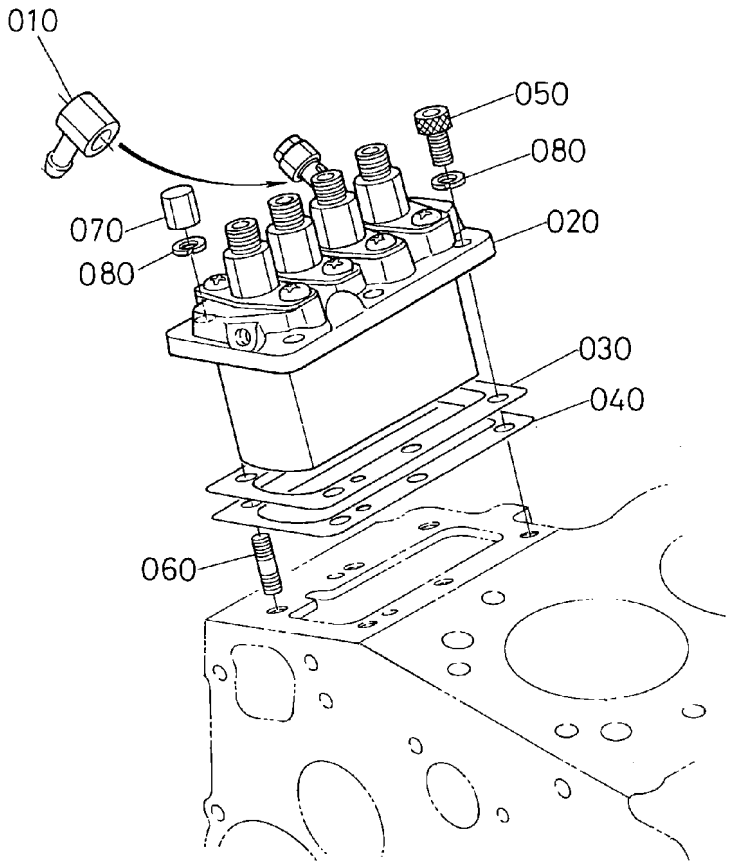

# Fuel Camshaft and Governor Shaft Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3723 | 1 | Camshaft-Fuel |
| 20 | 98-9382 | 1 | Bearing-Ball |
| 30 | 98-9383 | 1 | Bearing-Ball |
| 40 | 98-9669 | 1 | Gear-Pump, Injection |
| 50 | 98-9590 | 1 | Nut-Cap |
| 60 | 98-9595 | 1 | Key-Woodruff |
| 70 | 98-9511 | 1 | Stopper-Fuel, Camshaft |
| 80 | 98-9350 | 2 | Bolt |
| 90 | 105-3724 | 1 | Governor Shaft ASM |
| 100 | 105-3725 | 1 | Shaft, Governor |
| 110 | 98-9562 | 1 | Holder-Gear, Governor |
| 120 | 98-9673 | 1 | Gear-Governor |
| 130 | 98-9561 | 1 | Holder-Weight, Governor |
| 140 | 98-9559 | 2 | Governor Weight ASM |
| 150 | 98-9560 | 2 | Shaft-Weight, Governor |
| 160 | 98-9692 | 2 | Roller |
| 170 | 98-9563 | 1 | Sleeve-Governor |
| 180 | 98-9564 | 1 | Washer-Thrust |
| 190 | 98-9381 | 1 | Bearing-Ball |
| 200 | 98-9657 | 1 | Clip-Circular, Governor Shaft |
| 210 | 98-9565 | 1 | Screw-Set |



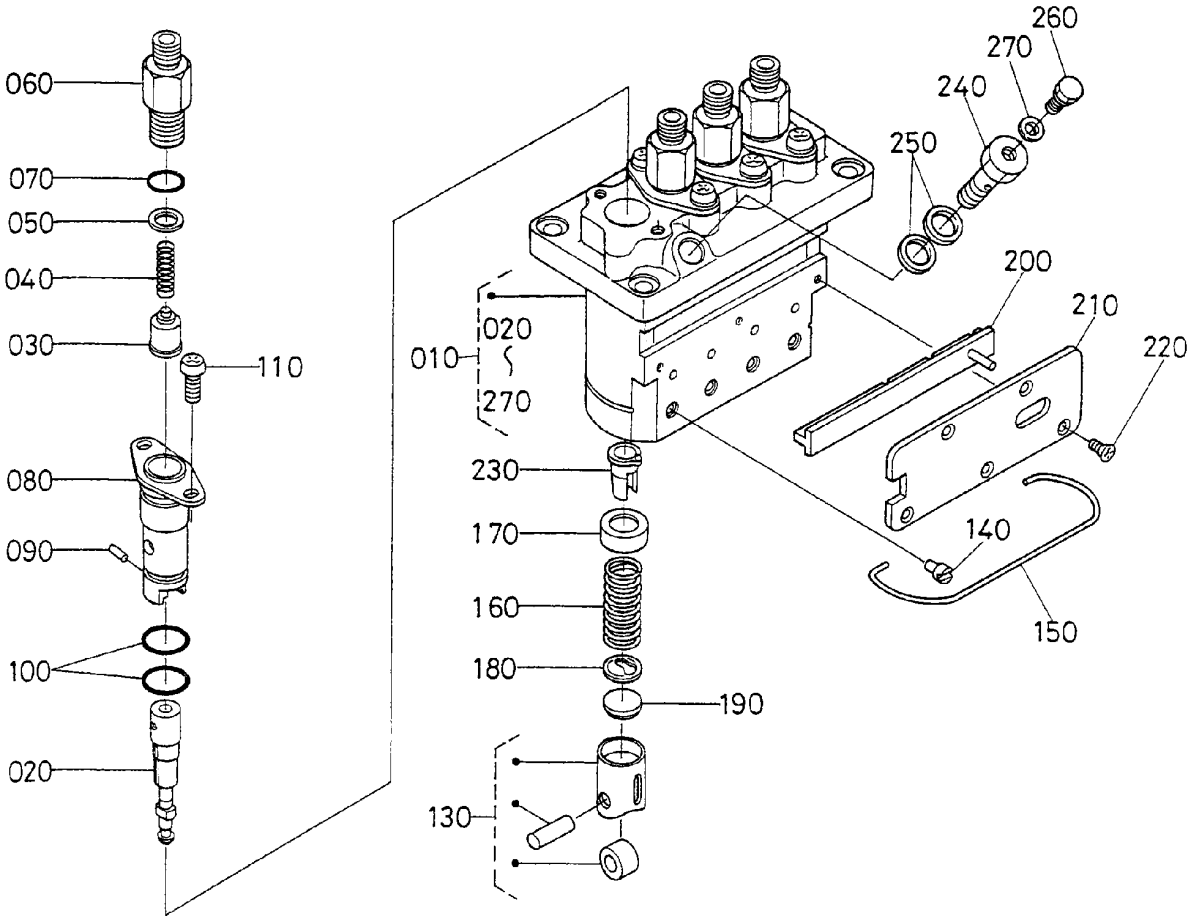

# Idle Apparatus, Stop Solenoid and Cover Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3726 | 1 | Idle Apparatus ASM |
| 20 | 98-9679 | 1 | Adjusting Bolt ASM |
| 30 | 98-9439 | 1 | Nut |
| 40 | 105-3798 | 1 | Nut |
| 50 | 98-7654 | 2 | Gasket |
| 60 | 98-7656 | 1 | Cap |
| 70 | 98-9557 | 1 | Bolt-Adjusting |
| 80 | 99-3512 | 1 | Nut |
| 90 | 105-3798 | 1 | Nut |
| 100 | 98-7654 | 1 | Gasket |
| 110 | 99-8389 | 1 | Gasket |
| 120 | 104-5155 | 1 | Solenoid-Stop |
| 130 | 98-9683 | 1 | Gasket-Cover, 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 |




# Injection Pump Assembly

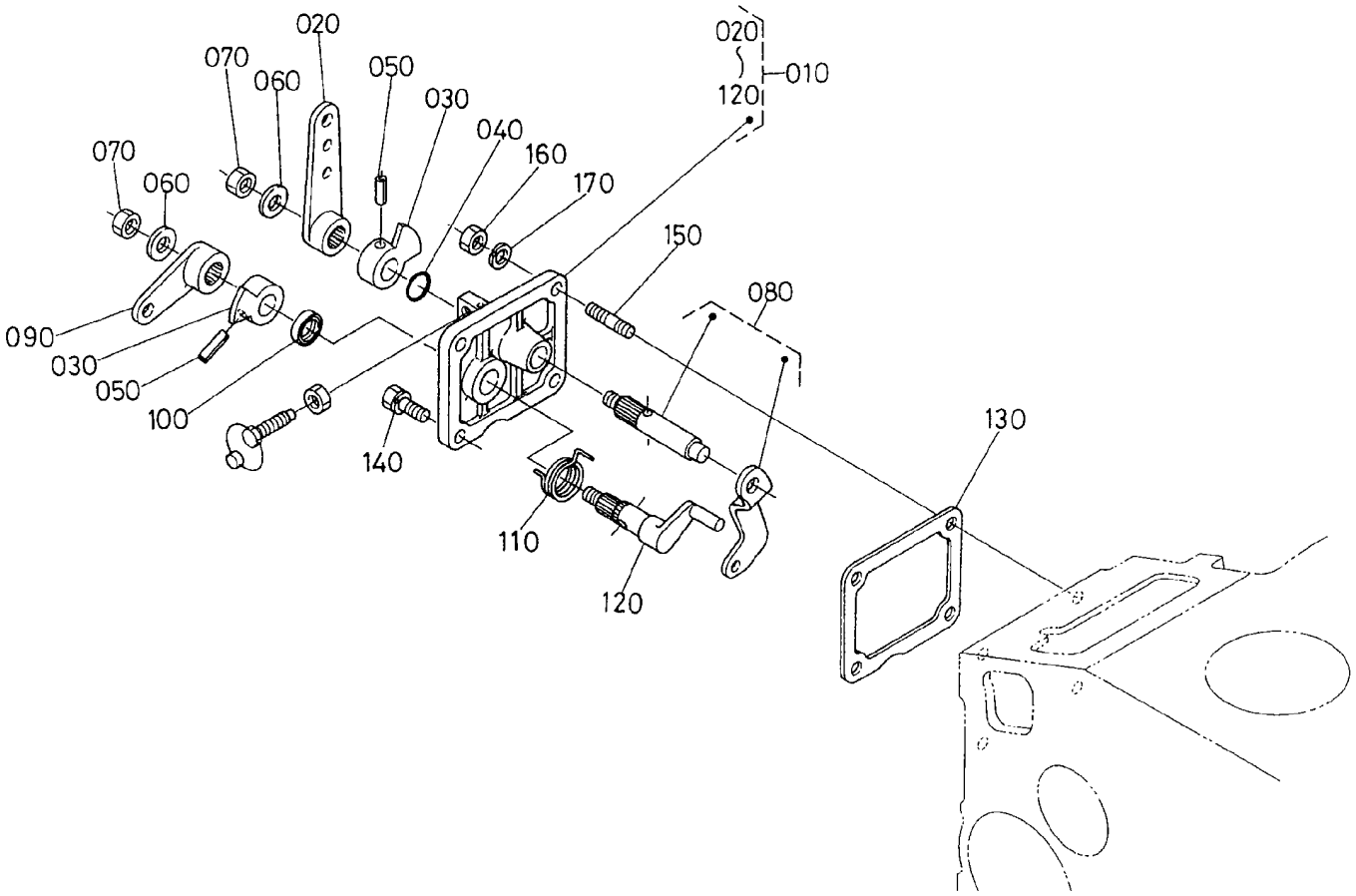
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9596 | 1 | Joint-Eye |
| 20 | 105-3727 | 1 | Injection Pump ASM |
| 30 | 105-3728 | 1 | Shim-Pump, Injection (.20mm) |
| 30 | 105-3729 | 1 | Shim-Pump, Injection (.25mm) |
| 40 | 105-3730 | 1 | Shim-Pump, Injection (.30mm) |
| 50 | 98-9361 | 3 | Bolt-HSH |
| 60 | 98-9438 | 3 | Stud |
| 70 | 98-9440 | 3 | Nut-Cap |
| 80 | 98-7699 | 6 | Washer-Spring |




# Injection Pump Component Assembly

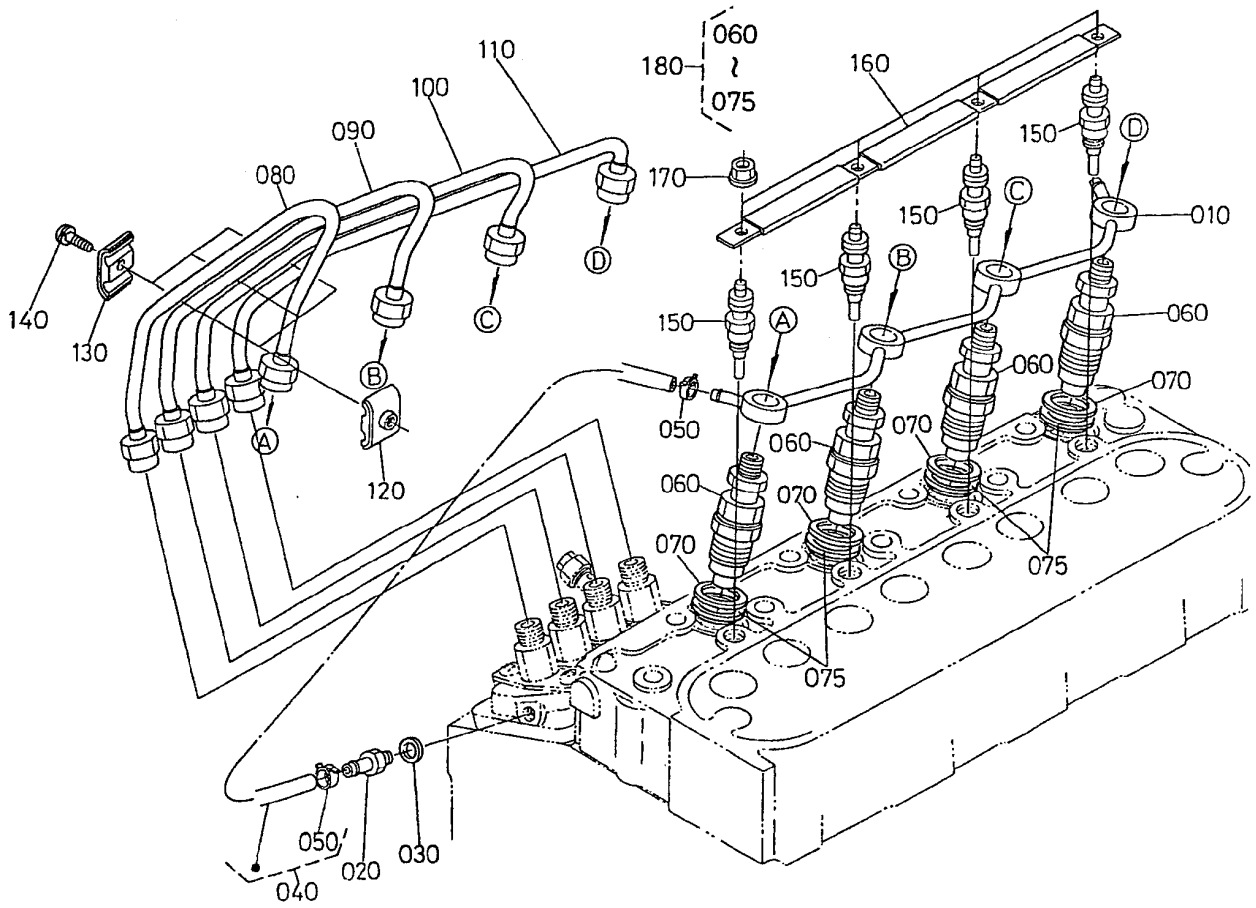
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3727 | 1 | Injection Pump ASM |
| 20 | 98-9462 | 4 | Element-Pump |
| 30 | 98-9421 | 4 | Valve-Delivery |
| 40 | 98-9424 | 4 | Spring-Valve, Delivery |
| 50 | 98-9425 | 4 | Gasket-Valve, Delivery |
| 60 | 98-9652 | 4 | Holder-Valve, Delivery |
| 70 | 98-9447 | 4 | O-Ring |
| 80 | 98-9434 | 4 | Flange-Sleeve |
| 90 | 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 | Part No. | Qty. | Description |
|---|---|---|---|
| 260 | 98-9430 | 1 | Screw |
| 270 | 98-9446 | 1 | Gasket |



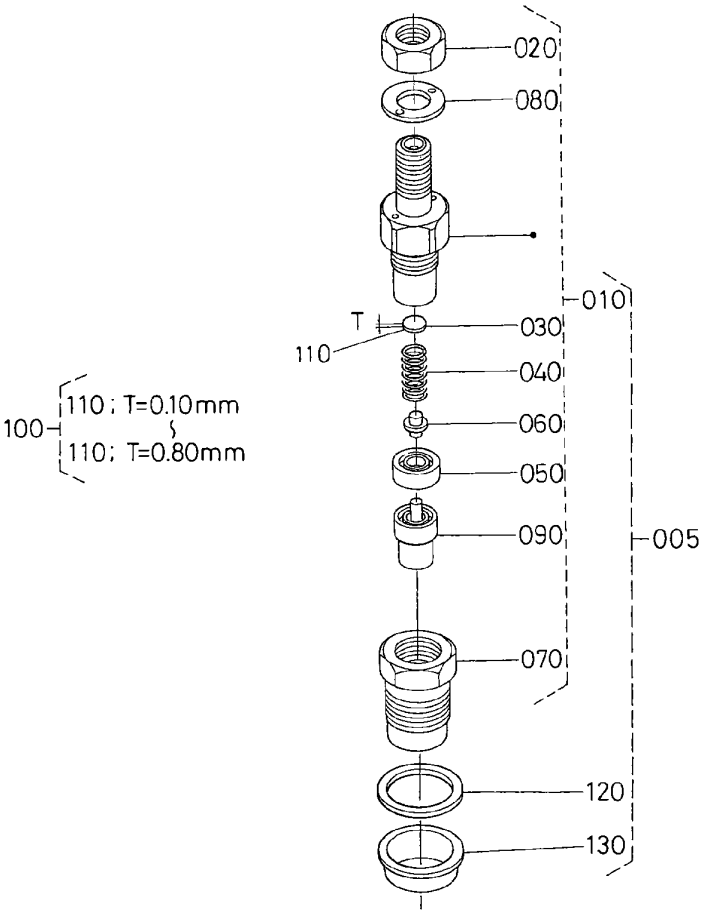

# Speed Control Plate Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3735 | 1 | Control Plate ASM |
| 20 | 98-9662 | 1 | Lever-Control, Speed |
| 30 | 98-9572 | 2 | Lever-Control, Speed |
| 40 | 105-3788 | 1 | O-Ring |
| 50 | 98-7602 | 2 | Pin-Spring |
| 60 | 98-9594 | 2 | Washer-Plain |
| 70 | 98-9589 | 2 | Nut |
| 80 | 98-9658 | 1 | Governor Lever ASM |
| 90 | 98-9663 | 1 | Lever-Stop, Engine |
| 100 | 98-7601 | 1 | Seal-Oil |
| 110 | 98-9472 | 1 | Spring-Return |
| 120 | 98-9664 | 1 | Shaft-Lever, Stop |
| 130 | 98-9637 | 1 | Gasket |
| 140 | 98-7692 | 2 | Bolt |
| 150 | 105-3736 | 2 | Stud |
| 160 | 98-7572 | 2 | Nut |
| 170 | 98-7699 | 2 | Washer-Spring |



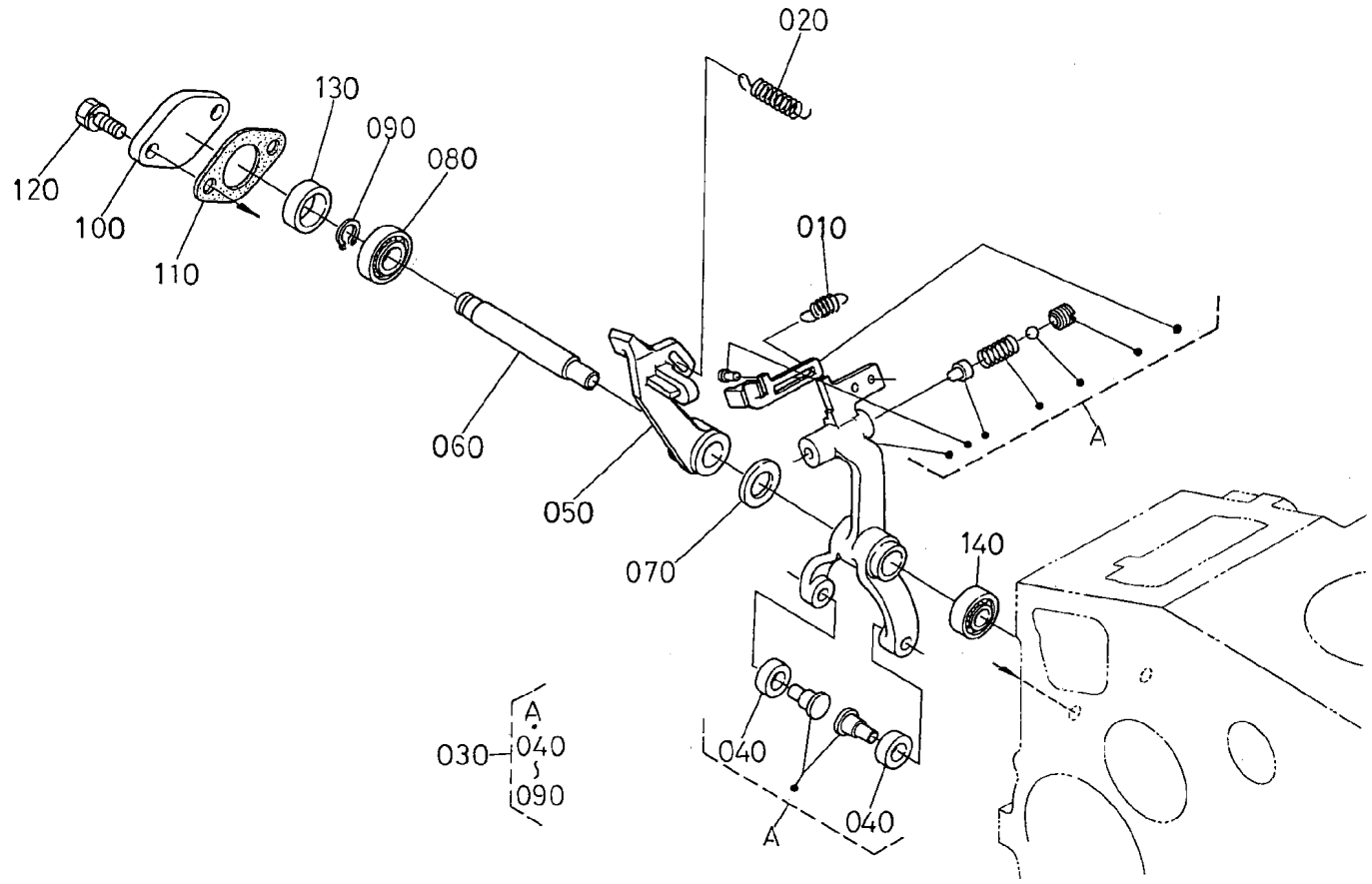

# Nozzle Holder and Glow Plug Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3737 | 1 | Over Flow Pipe ASM |
| 20 | 98-9431 | 1 | Screw-Bleeder |
| 30 | 98-7654 | 1 | Gasket |
| 40 | 98-9420 | 1 | Over Flow Pipe ASM |
| 50 | 98-7671 | 2 | Clip-Pipe |
| 60 | 98-9468 | 4 | Nozzle Holder ASM |
| 70 | 98-7676 | 4 | Gasket |
| 75 | 98-7677 | 4 | Seal |
| 80 | 98-9622 | 1 | Pipe-Injection |
| 90 | 98-9654 | 1 | Pipe-Injection |
| 100 | 98-9655 | 1 | Pipe-Injection |
| 110 | 105-3738 | 1 | Pipe-Injection |
| 120 | 98-7682 | 3 | Clamp-Pipe |
| 130 | 98-7683 | 3 | Clamp-Pipe |
| 140 | 98-9364 | 3 | Screw-W/washer |
| 150 | 98-9623 | 4 | Plug-Glow |
| 160 | 105-3739 | 1 | Cord-Plug, Glow |
| 170 | 99-8377 | 4 | Nut-Flange |
| 180 | 105-3740 | 4 | Nozzle Holder Kit |



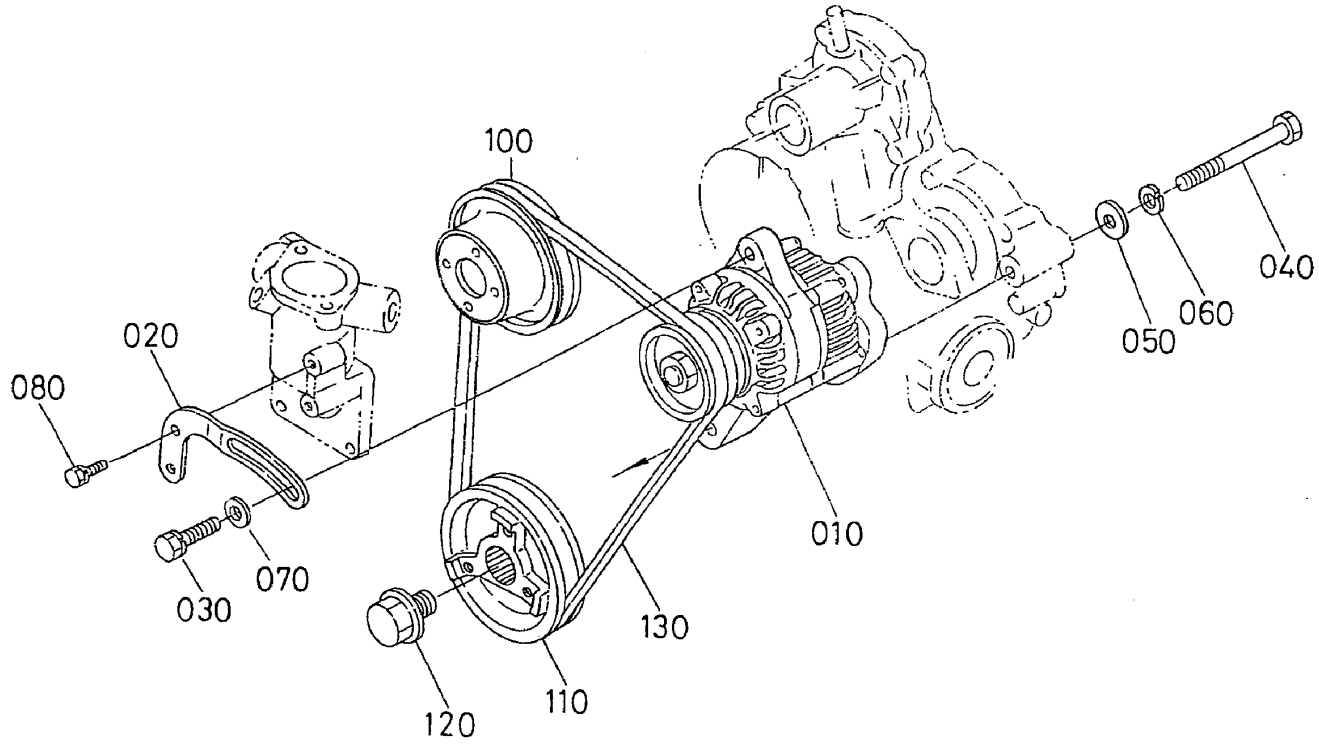

# Nozzle Holder Component Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 5 | 105-3740 | 4 | Nozzle Holder Kit |
| 10 | 98-9468 | 4 | Nozzle Holder ASM |
| 20 | 99-8301 | 4 | Nut |
| 30 | 99-8302 | 4 | Washer-Adjusting |
| 40 | 99-8303 | 4 | Spring-Nozzle |
| 50 | 99-8304 | 4 | Spacer-Distance |
| 60 | 99-8305 | 4 | Rod-Push |
| 70 | 99-8306 | 4 | Nut-Nozzle |
| 80 | 99-8307 | 4 | Washer-Plain |
| 90 | 99-8308 | 4 | Piece-Nozzle |
| 100 | 99-8309 | 4 | Adjusting Washer ASM |
| 110 | 99-8310 | 4 | Washer-Adjust (0.10mm) |
| 110 | 99-8311 | 4 | Washer-Adjust (0.20mm) |
| 110 | 99-8312 | 4 | Washer-Adjust (0.30mm) |
| 110 | 99-8313 | 4 | Washer-Adjust (0.40mm) |
| 110 | 99-8314 | 4 | Washer-Adjust (0.50mm) |
| 110 | 99-8315 | 4 | Washer-Adjust (0.52mm) |
| 110 | 99-8316 | 4 | Washer-Adjust (0.54mm) |
| 110 | 99-8317 | 4 | Washer-Adjust (0.56mm) |
| 110 | 99-8318 | 4 | Washer-Adjust (0.58mm) |
| 110 | 99-8319 | 4 | Washer-Adjust (0.80mm) |
| 120 | 98-7676 | 4 | Gasket |
| 130 | 98-7677 | 4 | Seal |




# Fork Lever (Governor) Assembly

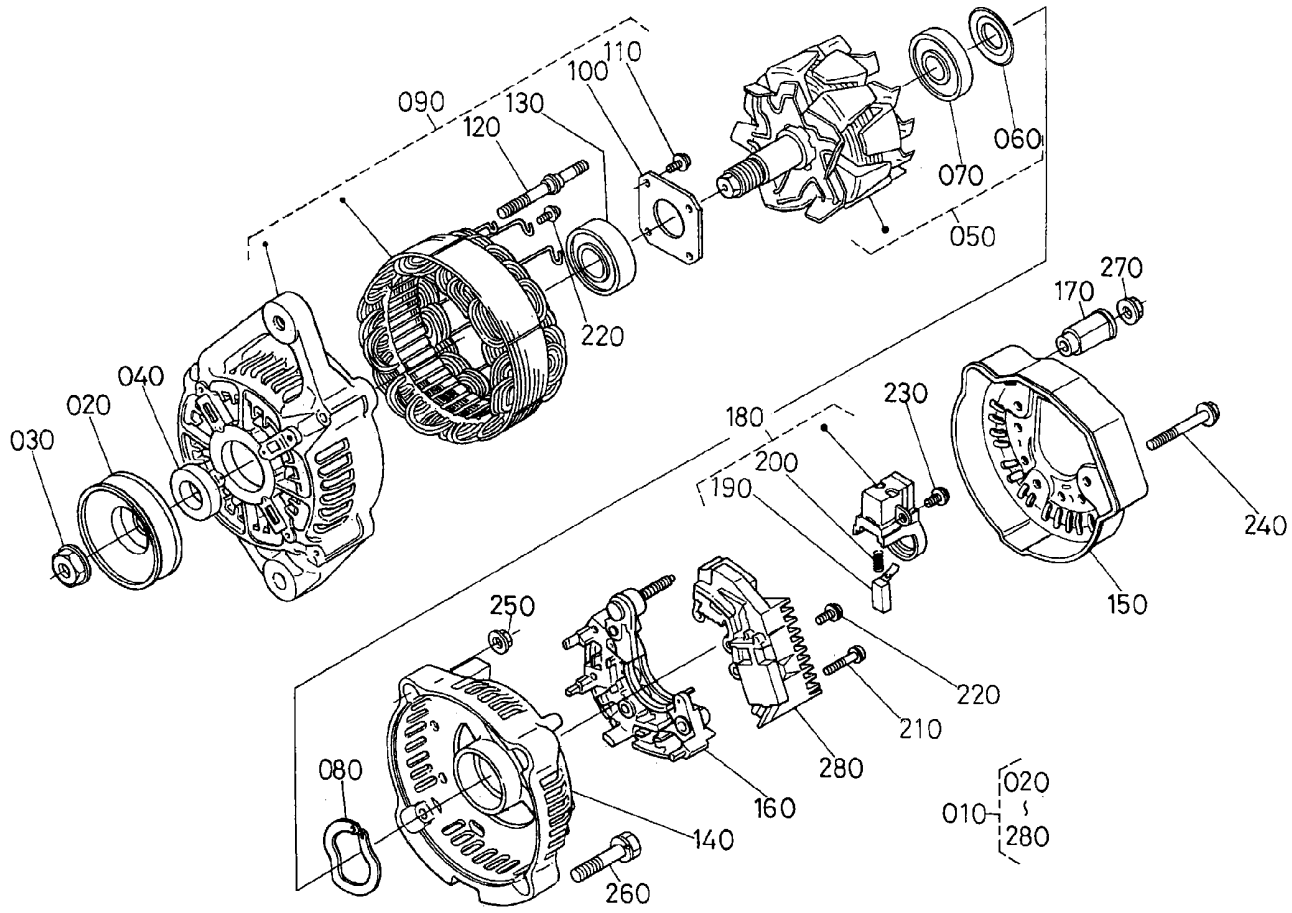
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3741 | 1 | Spring-Start |
| 20 | 98-9681 | 1 | Spring-Governor |
| 30 | 105-3742 | 1 | Fork Lever ASM |
| 40 | 98-9692 | 2 | Roller |
| 50 | 105-3743 | 1 | Lever-Fork |
| 60 | 98-9566 | 1 | Shaft-Lever, Fork |
| 70 | 98-9593 | 1 | Washer-Plain |
| 80 | 98-9570 | 1 | Bearing-Miniaturize |
| 90 | 98-9369 | 1 | Clip-Circular, External |
| 100 | 98-9569 | 1 | Cover-Shaft, Fork Lever |
| 110 | 98-9682 | 1 | Gasket |
| 120 | 98-9351 | 2 | Bolt |
| 130 | 98-9567 | 1 | Collar |
| 140 | 98-9571 | 1 | Bearing-Miniaturize |




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# Alternator and Pulley Assembly

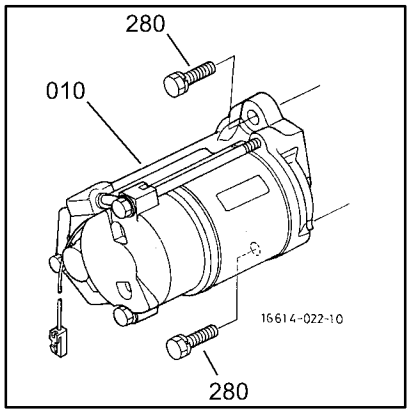
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9474 | 1 | Alternator ASM |
| 20 | 98-9573 | 1 | Stay-Dynamo |
| 30 | 98-7697 | 1 | Bolt |
| 40 | 98-9360 | 1 | Bolt |
| 50 | 33095-00 | 1 | Washer-Flat |
| 60 | 98-7738 | 1 | Washer-Spring |
| 70 | 100-9233 | 1 | Washer-Plain |
| 80 | 98-7692 | 1 | Bolt |
| 100 | 98-9584 | 1 | Pulley-Fan |
| 110 | 105-3745 | 1 | Pulley-Drive, Fan |
| 120 | 98-9585 | 1 | Bolt |
| 130 | 98-9676 | 1 | V-Belt |

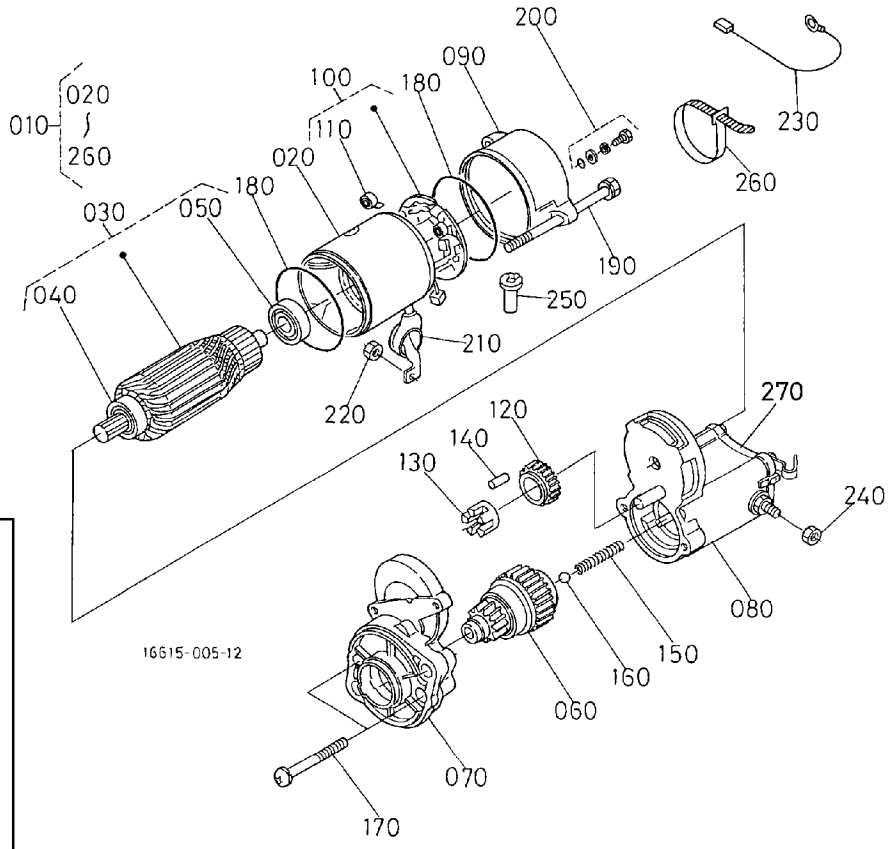



# Alternator Component Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9474 | 1 | Alternator ASM |
| 20 | 98-9453 | 1 | Pulley-Dynamo |
| 30 | 98-7708 | 1 | Nut |
| 40 | 98-7709 | 1 | Collar |
| 50 | 98-7710 | 1 | Rotor |
| 60 | 98-7711 | 1 | Cover-Bearing |
| 70 | 98-7712 | 1 | Bearing-Ball |
| 80 | 98-7713 | 1 | Washer-Thrust |
| 90 | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 250 | 98-7730 | 2 | Nut |
| 260 | 98-7731 | 2 | Bolt |
| 270 | 98-7732 | 1 | Nut |
| 280 | 98-7733 | 1 | Regulator ASM |

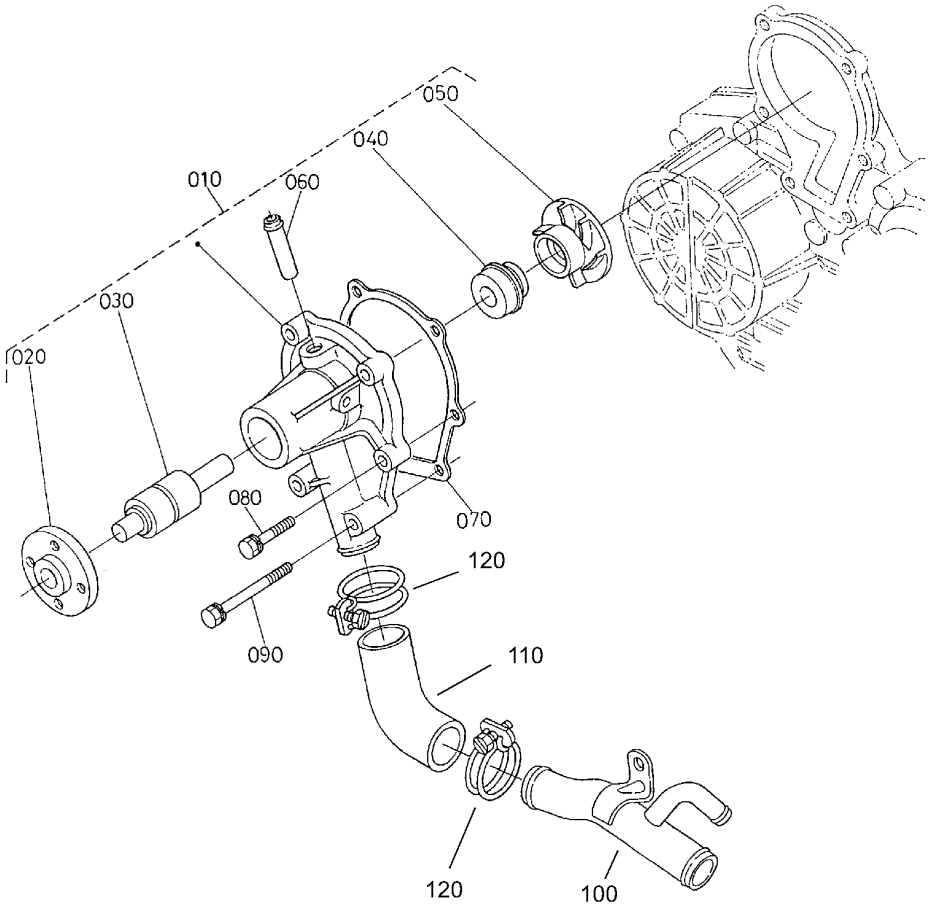



# Starter Assembly

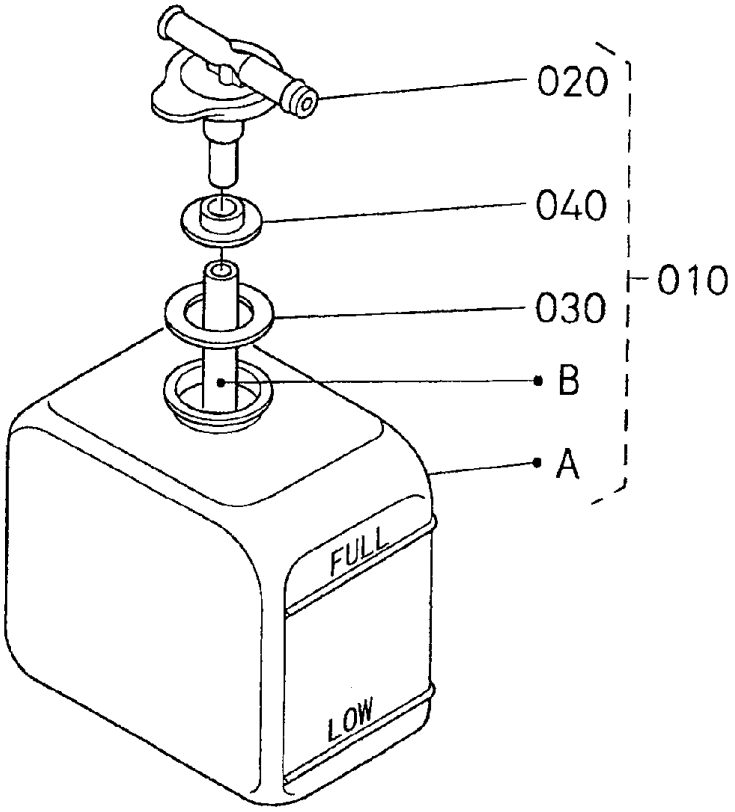
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9705 | 1 | Starter ASM |
| 20 | 104-8608 | 1 | Yoke ASM |
| 30 | 98-7742 | 1 | Armature ASM |
| 40 | 98-7744 | 1 | Bearing |
| 50 | 98-7743 | 1 | Bearing |
| 60 | 99-8373 | 1 | Clutch-Running, Over |
| 70 | 99-8374 | 1 | Frame-End, Drive |
| 80 | 105-3746 | 1 | Magnetic Switch ASM |
| 90 | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 250 | 98-7759 | 1 | Pipe-Drain |
| 260 | 98-9712 | 1 | Band-Cover |
| 270 | 105-2886 | 1 | Cover ASM |
| 280 | 98-7697 | 2 | Bolt |



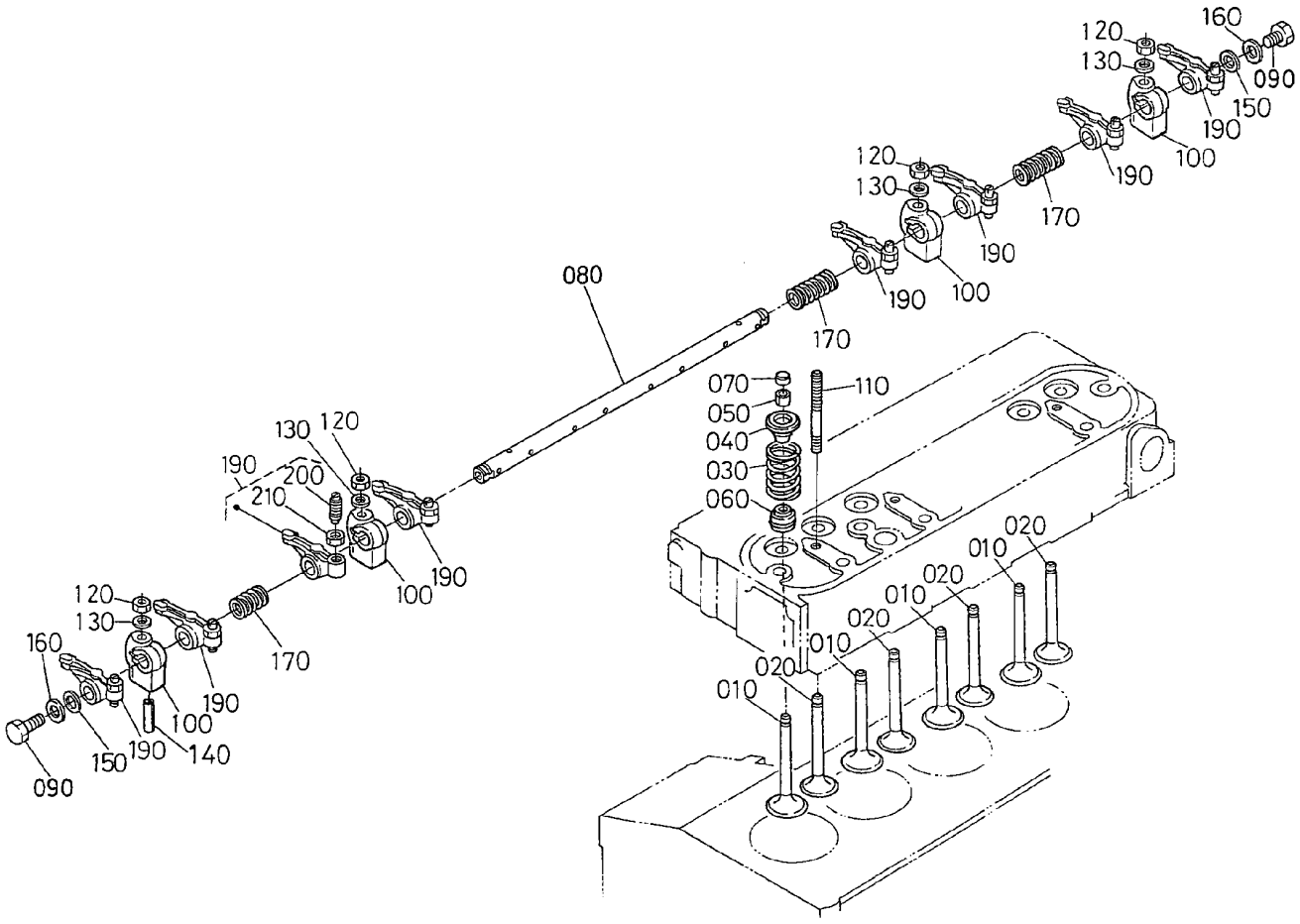

# Water Pump Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3749 | 1 | Water Pump ASM |
| 20 | 99-3516 | 1 | Flange-Pump, Water |
| 30 | 99-3517 | 1 | Bearing-Pump, Water |
| 40 | 105-3750 | 1 | Mechanical Seal ASM |
| 50 | 99-3519 | 1 | Impeller-Pump, Water |
| 60 | 105-3751 | 1 | Pipe-Return, Water |
| 70 | 99-3454 | 1 | Gasket-Pump, Water |
| 80 | 98-9353 | 4 | Bolt |
| 90 | 98-9357 | 2 | Bolt |
| 100 | 105-3752 | 1 | Pipe-Water |
| 110 | 98-9574 | 1 | Pipe-Water |
| 120 | 98-9717 | 2 | Clamp |



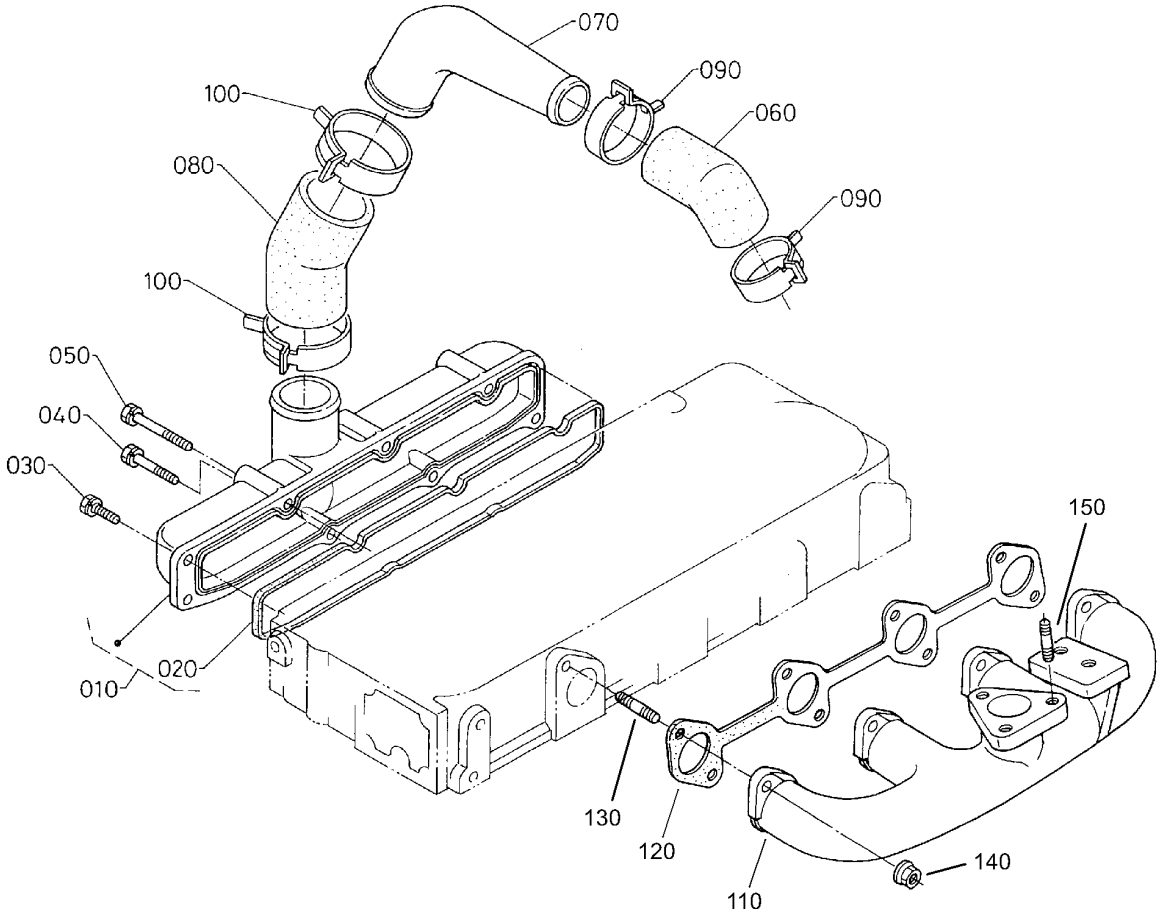

# Reserve Tank Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3753 | 1 | Reserve Tank ASM |
| 20 | 105-3754 | 1 | Cap |
| 30 | 105-3755 | 1 | Gasket |
| 40 | 105-3756 | 1 | Plate |



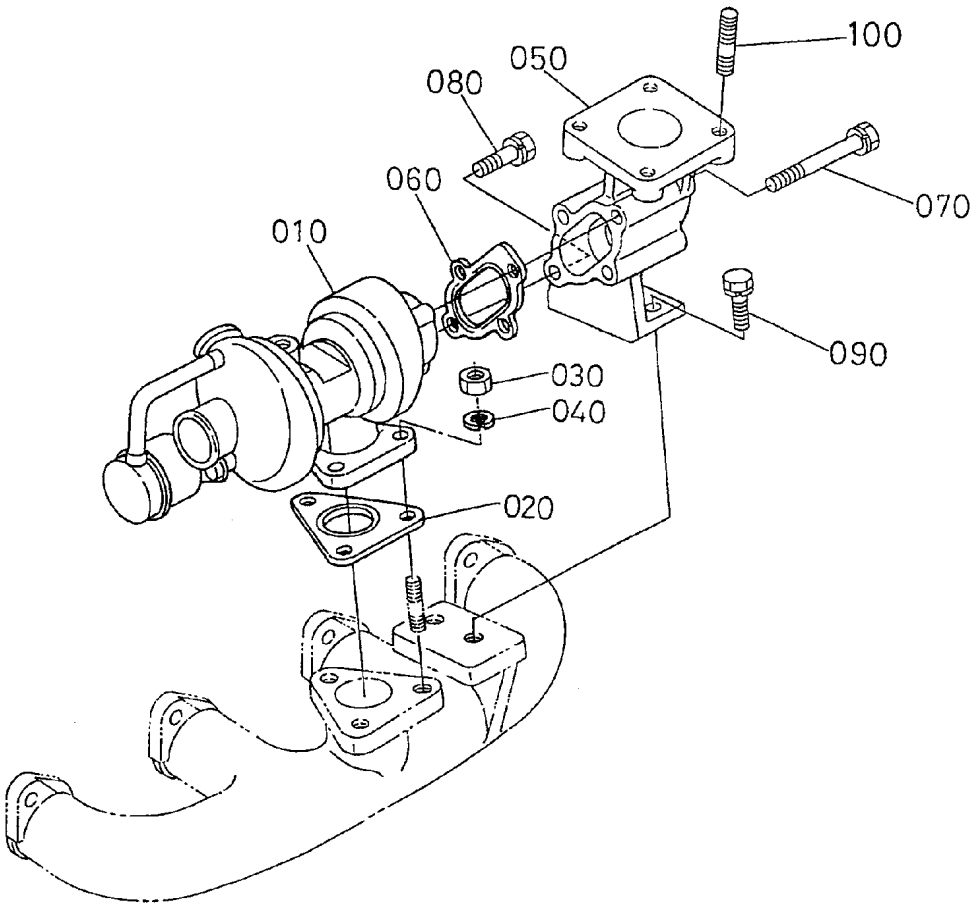

# Valve and Rocker Arm Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 98-9494 | 4 | Valve-Inlet |
| 20 | 98-9625 | 4 | Valve-Exhaust |
| 30 | 98-9626 | 8 | Spring-Valve |
| 40 | 98-9498 | 8 | Retainer-Valve |
| 50 | 98-9390 | 8 | Collet-Set, Valve Spring |
| 60 | 99-8385 | 8 | Seat-Stem, Valve |
| 70 | 98-9497 | 8 | Cap-Valve |
| 80 | 105-3757 | 1 | Shaft-Arm, Rocker |
| 90 | 100-9265 | 2 | Bolt |
| 100 | 98-9505 | 4 | Bracket-Arm, Rocker |
| 110 | 98-9506 | 4 | Stud |
| 120 | 98-9393 | 4 | Nut |
| 130 | 98-9385 | 4 | Washer-Flat |
| 140 | 105-3758 | 2 | Pin-Spring |
| 150 | 98-9507 | 2 | Washer-Shaft, R-Arm |
| 160 | 3256-1 | 2 | Washer-Flat |
| 170 | 98-9504 | 3 | Spring-Arm, Rocker |
| 190 | 98-9501 | 8 | Rocker Arm ASM |
| 200 | 98-9502 | 8 | Screw-Adjusting |
| 210 | 98-9503 | 8 | Nut |



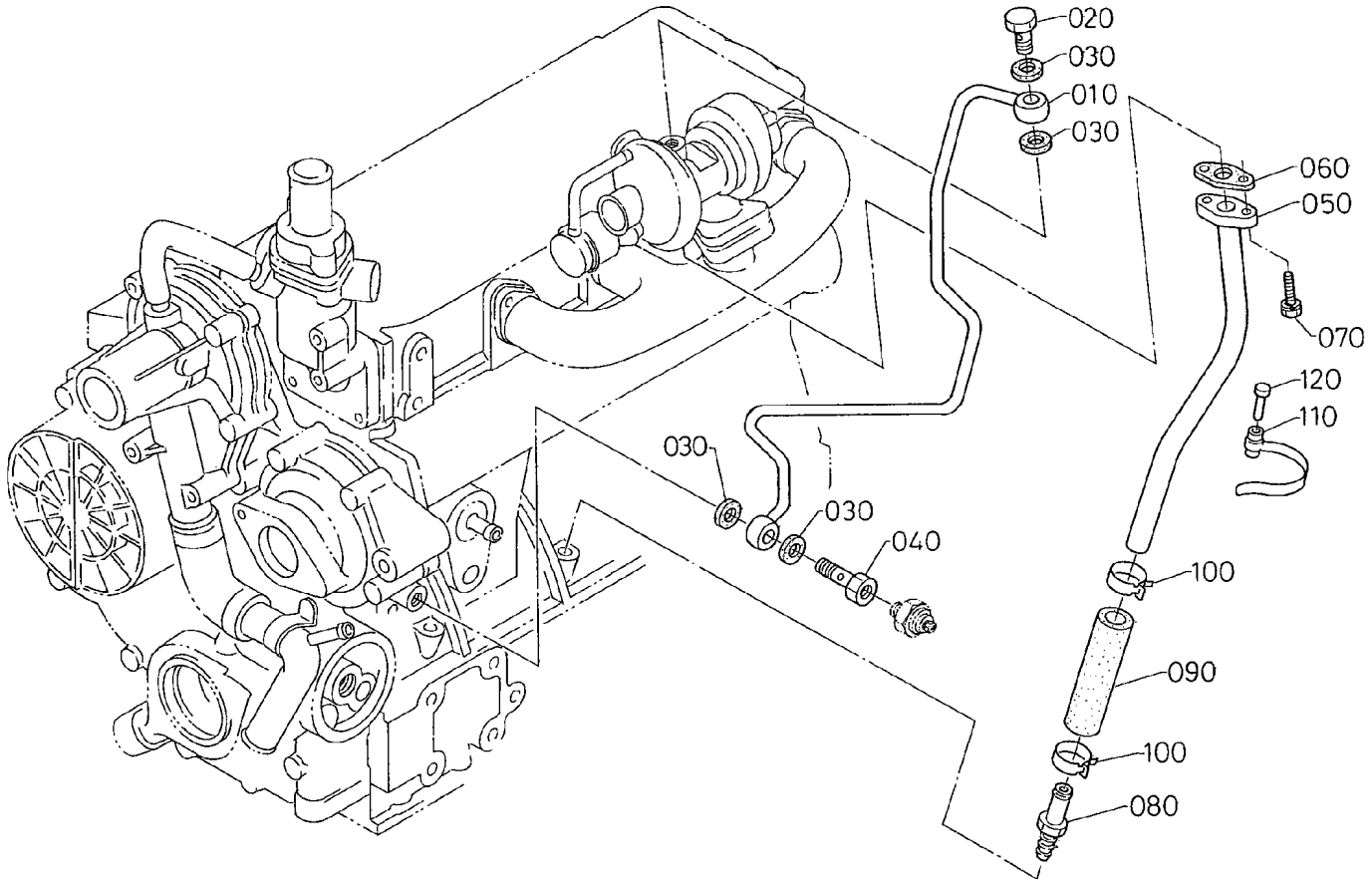

# Inlet / Exhaust Manifold Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3759 | 1 | Inlet Manifold ASM |
| 20 | 105-3760 | 1 | Gasket-In-Manifold |
| 30 | 98-7605 | 3 | Bolt |
| 40 | 98-9353 | 2 | Bolt |
| 50 | 105-3797 | 3 | Bolt |
| 60 | 105-3761 | 1 | Pipe-Inlet |
| 70 | 105-3762 | 1 | Pipe-Inlet |
| 80 | 105-3763 | 1 | Pipe-Inlet |
| 90 | 99-8324 | 2 | Band-Pipe |
| 100 | 99-8322 | 2 | Band-Pipe |
| 110 | 105-3764 | 1 | Manifold-Exhaust |
| 120 | 105-3765 | 1 | Gasket-Ex-Manifold |
| 130 | 98-9588 | 8 | Stud |
| 140 | 98-9665 | 8 | Nut |
| 150 | 99-8342 | 3 | Stud |



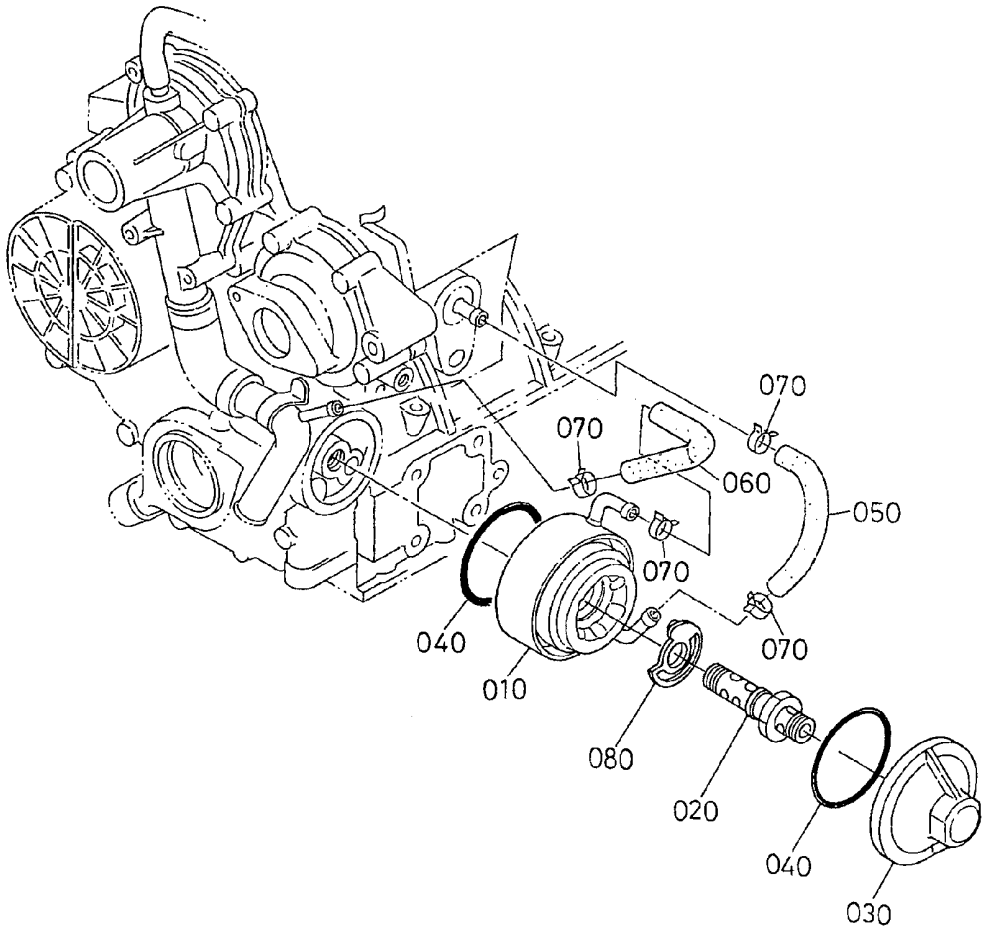

# Turbo Charger Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3766 | 1 | Turbo Charger ASM |
| 20 | 105-3767 | 1 | Gasket |
| 30 | 100-1559 | 3 | Nut-Manifold, Exhaust |
| 40 | 105-2893 | 3 | Washer-Spring |
| 50 | 99-8335 | 1 | Flange-Muffler |
| 60 | 105-3768 | 1 | Gasket |
| 70 | 105-2894 | 3 | Bolt |
| 80 | 105-2895 | 1 | Bolt |
| 90 | 98-7610 | 2 | Bolt |
| 100 | 98-7769 | 4 | Stud |



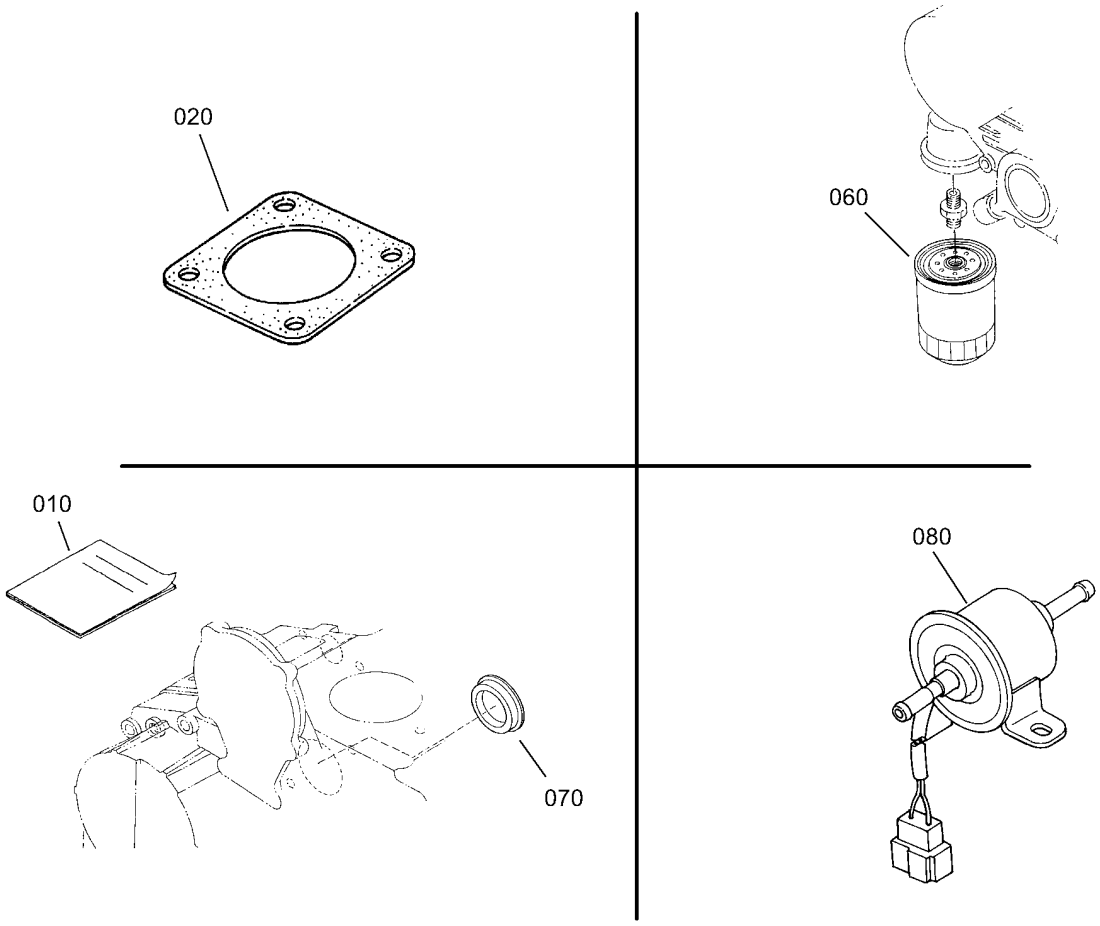

# Oil Pipe (Turbo Charger) Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 105-3769 | 1 | Pipe-Oil, Complete |
| 20 | 98-9418 | 1 | Bolt-Joint, Eye |
| 30 | 99-8346 | 4 | Gasket |
| 40 | 98-9417 | 1 | Bolt-Joint, Eye |
| 50 | 105-3770 | 1 | Pipe-Oil,complete |
| 60 | 98-9435 | 1 | Gasket-Oil Return, Turbo |
| 70 | 98-7568 | 2 | Bolt |
| 80 | 105-3771 | 1 | Pipe-Oil, Complete |
| 90 | 98-9721 | 1 | Pipe-Oil |
| 100 | 98-9714 | 2 | Clamp-Hose |
| 110 | 98-9601 | 1 | Clamp-Pipe |
| 120 | 98-9591 | 1 | Pin-Band |




# Oil Cooler Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 104-5158 | 1 | Oil Cooler ASM |
| 20 | 106-7054 | 1 | Holder ASM |
| 30 | 105-3773 | 1 | Cover-Cooler, Oil |
| 40 | 98-9729 | 2 | O-Ring |
| 50 | 98-9724 | 1 | Pipe-Cooler, Oil |
| 60 | 98-9578 | 1 | Pipe-Return, Water |
| 70 | 98-9579 | 4 | Band-Pipe |
| 80 | 105-3774 | 1 | Collar |




# Miscellaneous Engine Parts

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 99-8954 | 1 | Manual-Kubota |
| 20 | 99-8343 | 1 | Gasket-Muffler |
| 60 | 99-8384 | 1 | Filter-Oil |
| 70 | 98-9640 | 1 | Cover-Pump |
| 80 | 104-5215 | 1 | Pump-Fuel, Electric |

# NOTES

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