Form Number 3350-415

# Reelmaster® 5500-D 2-Wheel Drive

**Model No. 03550 - 230000501 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

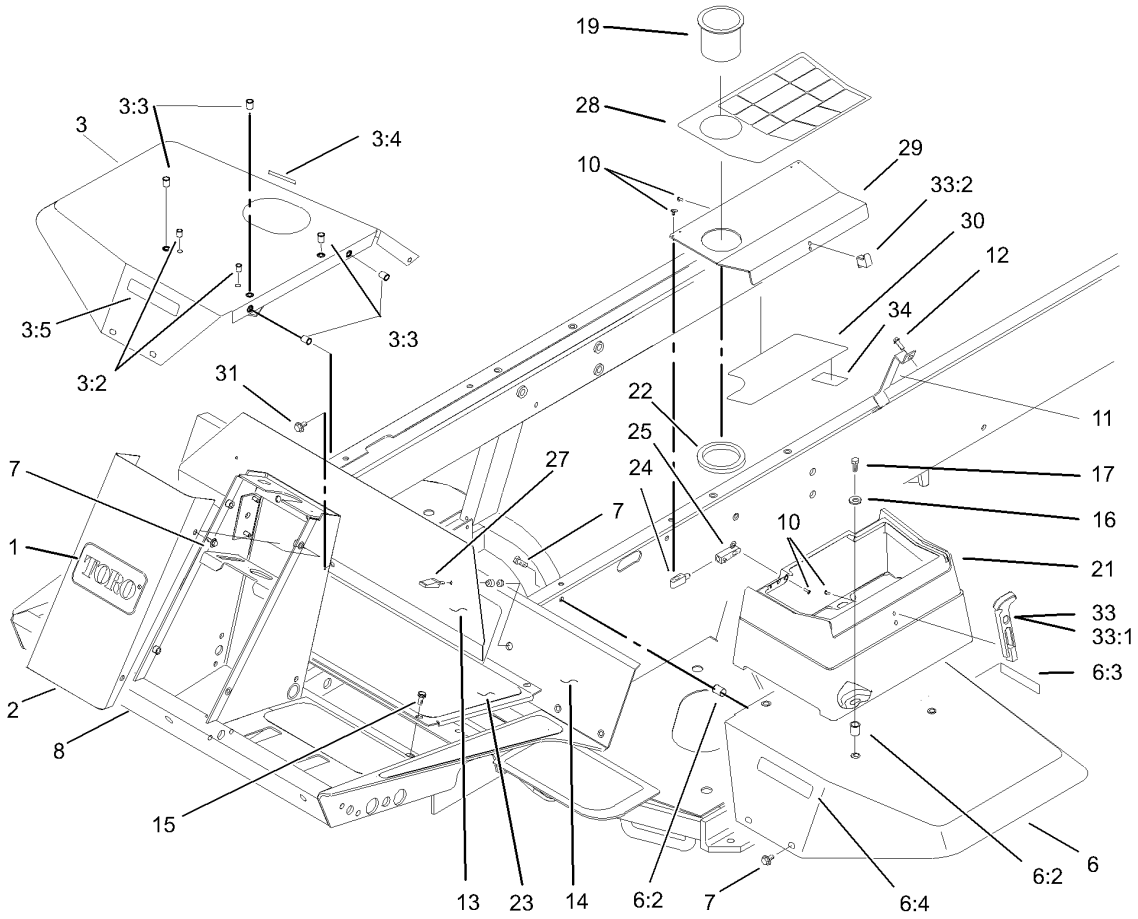
# Footnotes

❶ Not illustrated

❷ Not serviced separately

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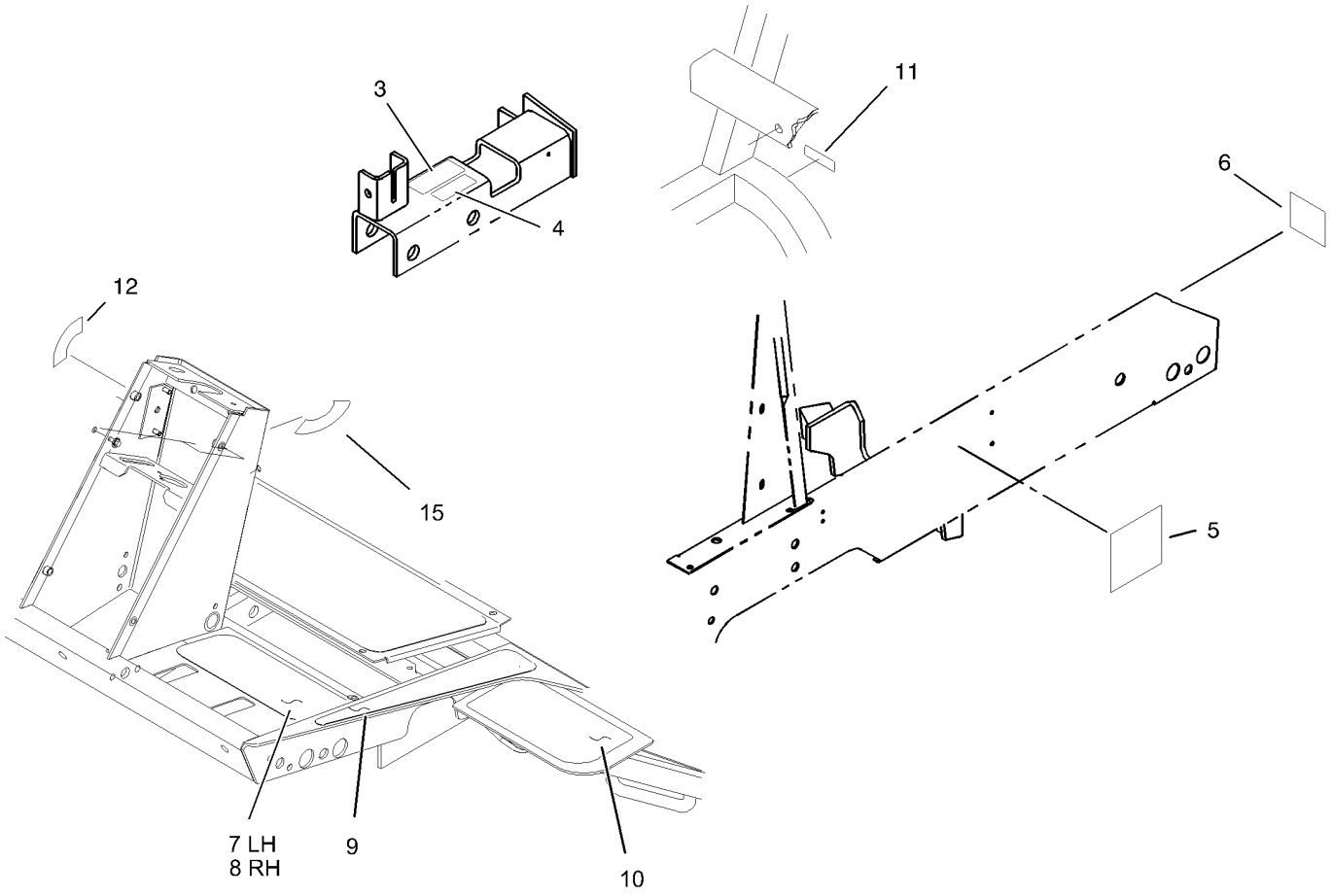

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# Frame and Body Assembly

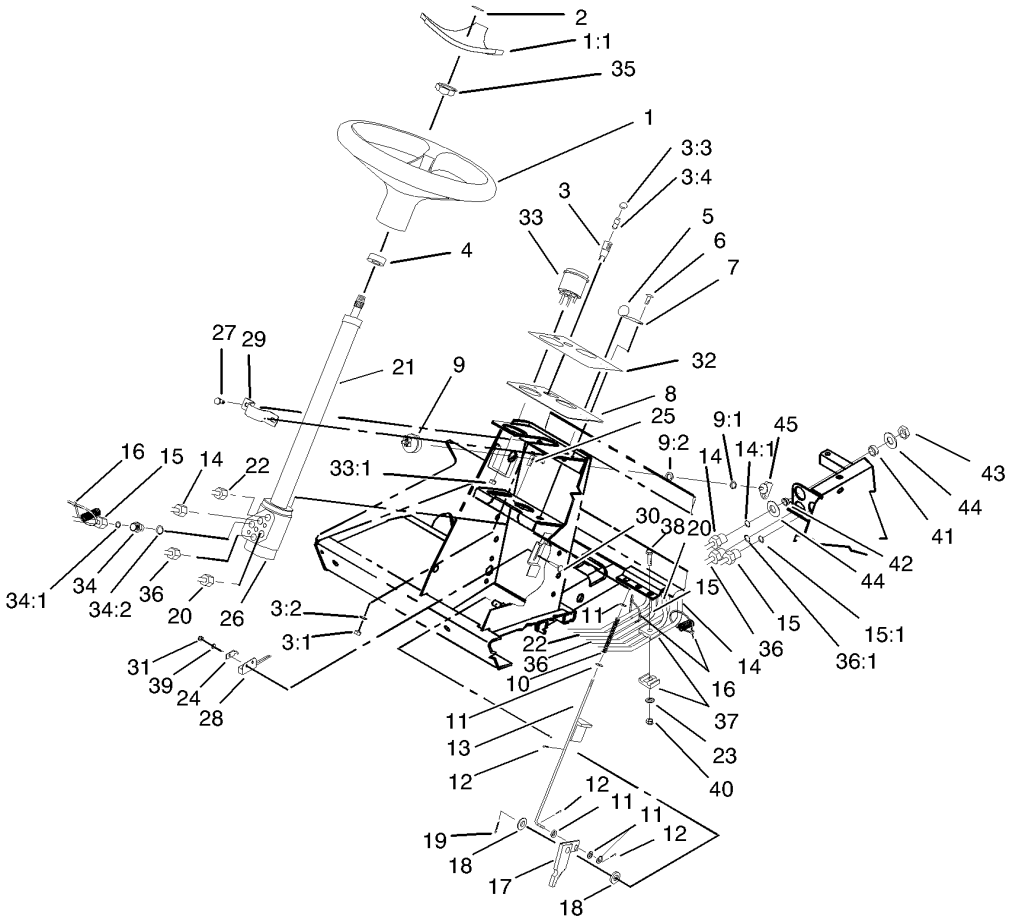
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 62-5550 | 1 | Decal-Logo |
| 2 | 93-7996-01 | 1 | Cover-Tower |
| 3 | 106-5950 | 1 | RH Fender ASM |
| 3:2 | 32148-6 | 2 | Insert-Nut |
| 3:3 | 32148-7 | 5 | Insert-Nut |
| 3:4 | 93-6686 | 1 | Decal-Oil, HYD |
| 3:5 | 93-6689 | 1 | Decal-No Riders |
| 6 | 106-5951 | 1 | LH Fender ASM |
| 6:2 | 32148-7 | 6 | Insert-Nut |
| 6:3 | 93-6680 | 1 | Decal-Diesel |
| 6:4 | 93-6689 | 1 | Decal-No Riders |
| 7 | 3234-14 | 14 | Screw-HHF |
| 8 | 107-2385 | 1 | Frame ASM |
| 10 | 32144-1 | 11 | Screw-Taptite |
| 11 | 98-4572 | 1 | Bracket-Clamp, Hose |
| 12 | 32144-14 | 2 | Screw-HWH |
| 13 | 75-1390-01 | 1 | Cover-Access, Front |
| 14 | 75-1410-01 | 1 | Plate-Access, Floor |
| 15 | 75-6840 | 4 | Knob-Knurled |
| ❶15 | 3234-7 | 1 | Screw-HHF |
| 16 | 3256-3 | 4 | Washer-Flat |
| 17 | 322-5 | 4 | Screw-HH |
| 19 | 94-1410 | 1 | Holder-Can, Beverage |
| 21 | 104-0026 | 1 | Toolbox |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 104-1476 | 1 | Ring-Rubber |
| 23 | 75-0630 | 1 | Tread-Foot, Center |
| 24 | 104-1496 | 2 | Hinge-Pin |
| 25 | 104-1497 | 2 | Hinge-Receiver |
| 27 | 74-5950 | 2 | Latch-Swell |
| 28 | 104-9294 | 1 | Decal-Warning |
| 28 | 104-9295 | 1 | Decal-Warning, Ce |
| 29 | 104-1489-03 | 1 | Cover-Toolbox |
| 30 | 105-7515 | 1 | Decal-Service |
| 30 | 104-1434 | 1 | Decal-Service, Blank |
| 31 | 3234-5 | 1 | Screw |
| 33 | 94-5626 | 1 | Latch-Draw, Flexible |
| 33:1 | 100-5806 | 1 | Handle-Latch |
| 33:2 | 100-5807 | 1 | Keeper-Latch |
| 34 | 105-7527 | 1 | Decal-Numbers, Filter |




# Frame Assembly No. 107-2385

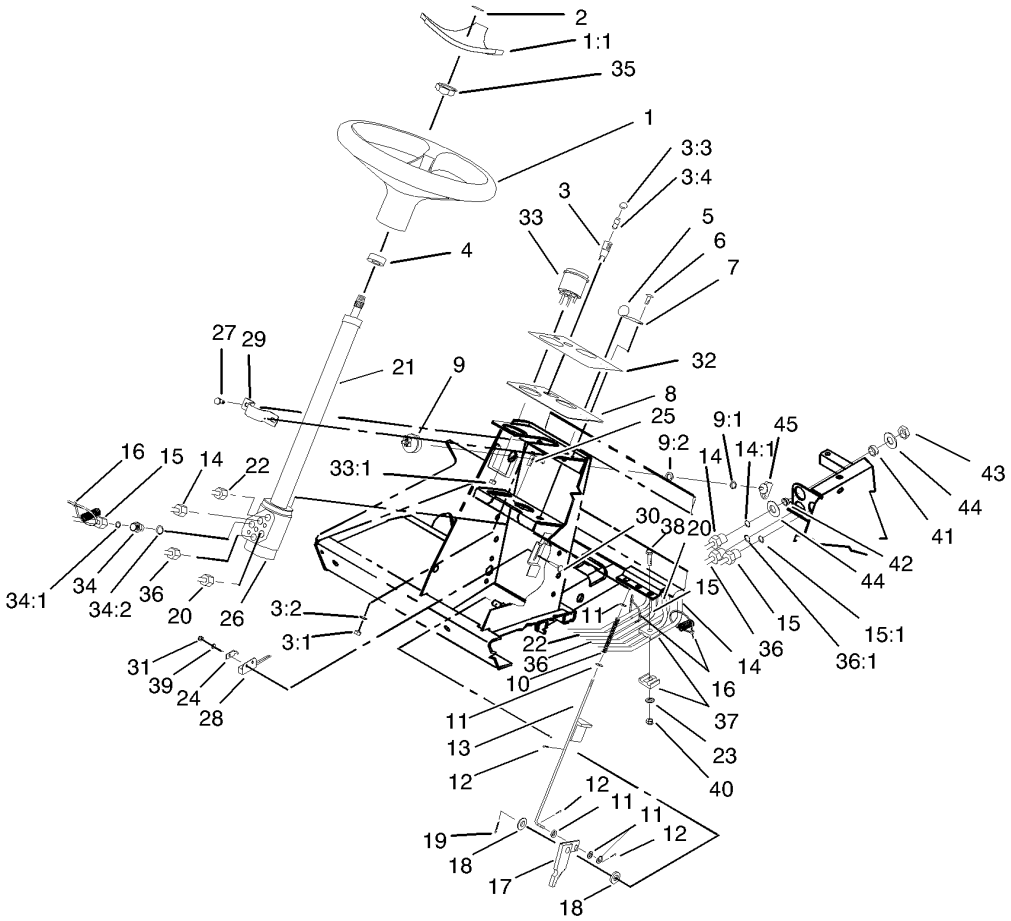
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 3 | 93-6693 | 1 | Decal-Plate, Floor |
| 4 | 93-6686 | 1 | Decal-Oil, HYD |
| 5 | 104-0049 | 2 | Cover-Rail, Side |
| 6 | 62-7400 | 1 | Decal |
| 7 | 75-0620 | 1 | Tread-Foot, LH |
| 8 | 75-0610 | 1 | Tread-Foot, RH |
| 9 | 93-7592 | 2 | Tread-Rest, Foot |
| 10 | 104-0048 | 1 | Tread-Step |
| 11 | 93-6691 | 1 | Decal-Bolt, Eccentric |
| 12 | 93-6699 | 1 | Decal-Fast/slow |
| 15 | 105-7506 | 1 | Decal-Switch, Key |




# Steering Tower Assembly

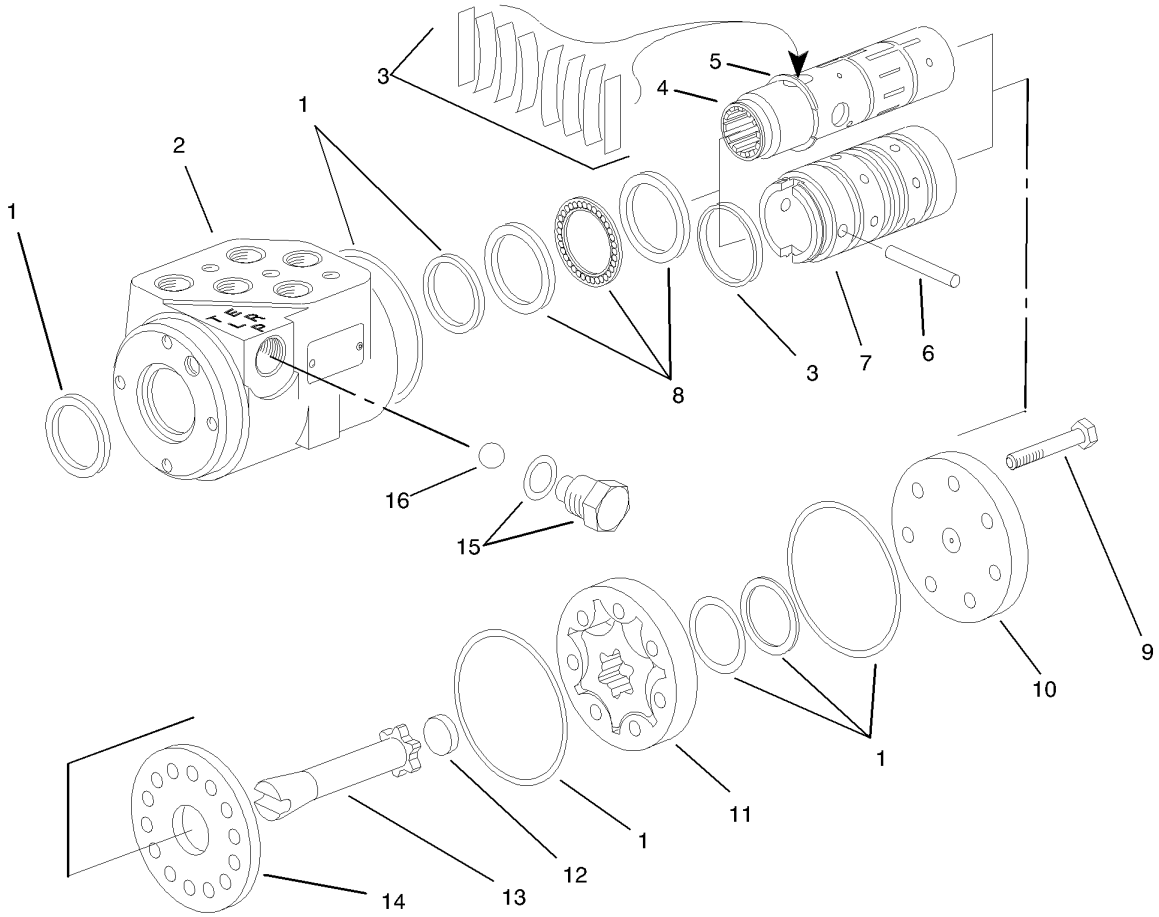
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-1471 | 1 | Wheel-Steering |
| 1:1 | 98-1468 | 1 | Cover-Wheel, Steering |
| 2 | 98-1459 | 1 | Decal |
| 3 | 44-2210 | 1 | Light-Indicator, Red |
| 3:1 | 218-535 | 1 | Nut-Hex |
| 3:2 | 218-536 | 1 | Washer-Lock |
| 3:3 | 218-533 | 1 | Lens |
| ❷3:4 | | 1 | Bulb |
| 4 | 21-9260 | 1 | Cover-Dust |
| 5 | 233-17 | 1 | Knob |
| 6 | 87-6620 | 2 | Screw |
| 7 | 3256-1 | 2 | Washer-Flat |
| 8 | 93-7998-03 | 1 | Plate-Instrument |
| 9 | 104-2541 | 1 | Switch-Key |
| 9:1 | 218-461 | 1 | Nut-HH |
| 9:2 | 3254-5 | 1 | Washer-Tooth |
| 10 | 95-1821-03 | 1 | Spring-Compression |
| 11 | 3256-22 | 5 | Washer-Flat |
| 12 | 3272-5 | 3 | Pin-Cotter |
| 13 | 104-1492 | 1 | Rod ASM |
| 14 | 98-3912 | 1 | Tube ASM |
| 14:1 | 237-22 | 1 | O-Ring |
| 15 | 98-3910 | 1 | Tube ASM |
| 15:1 | 237-22 | 1 | O-Ring |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 16 | 3290-378 | 3 | Tie-Cable |
| 17 | 63-7900-03 | 1 | Rack ASM |
| 18 | 3256-26 | 2 | Washer-Flat |
| 19 | 3272-10 | 1 | Pin-Cotter |
| 20 | 98-3908 | 1 | Tube ASM |
| 21 | 94-9951 | 1 | Column-Steering |
| 22 | 98-3909 | 1 | Tube ASM |
| 23 | 3256-23 | 3 | Washer-Flat |
| 24 | 100-4872 | 1 | Plate-Switch, Neutral |
| 25 | 33103-020 | 3 | Screw-HHF |
| 26 | 99-8959 | 1 | Control-Steering |
| 27 | 32144-11 | 2 | Screw-TAP |
| 28 | 100-1270 | 1 | Switch-Proximity |
| 29 | 75-2810 | 1 | Bracket-Column, Steering |
| 30 | 104-1450 | 1 | Bolt-CARR |
| 31 | 3296-2 | 1 | Nut-Lock |
| 32 | 93-1263 | 1 | Decal-Tower |
| 33 | 104-9324 | 1 | Speedometer |
| 33:1 | 3296-1 | 4 | Nut-Lock, NI |
| 34 | 340-2 | 5 | Fitting-Hyd, Straight |
| 34:1 | 237-22 | 1 | O-Ring |
| 34:2 | 237-42 | 1 | O-Ring |
| 35 | 94-9952 | 1 | Nut-Hex |
| 36 | 98-3911 | 1 | Tube ASM |



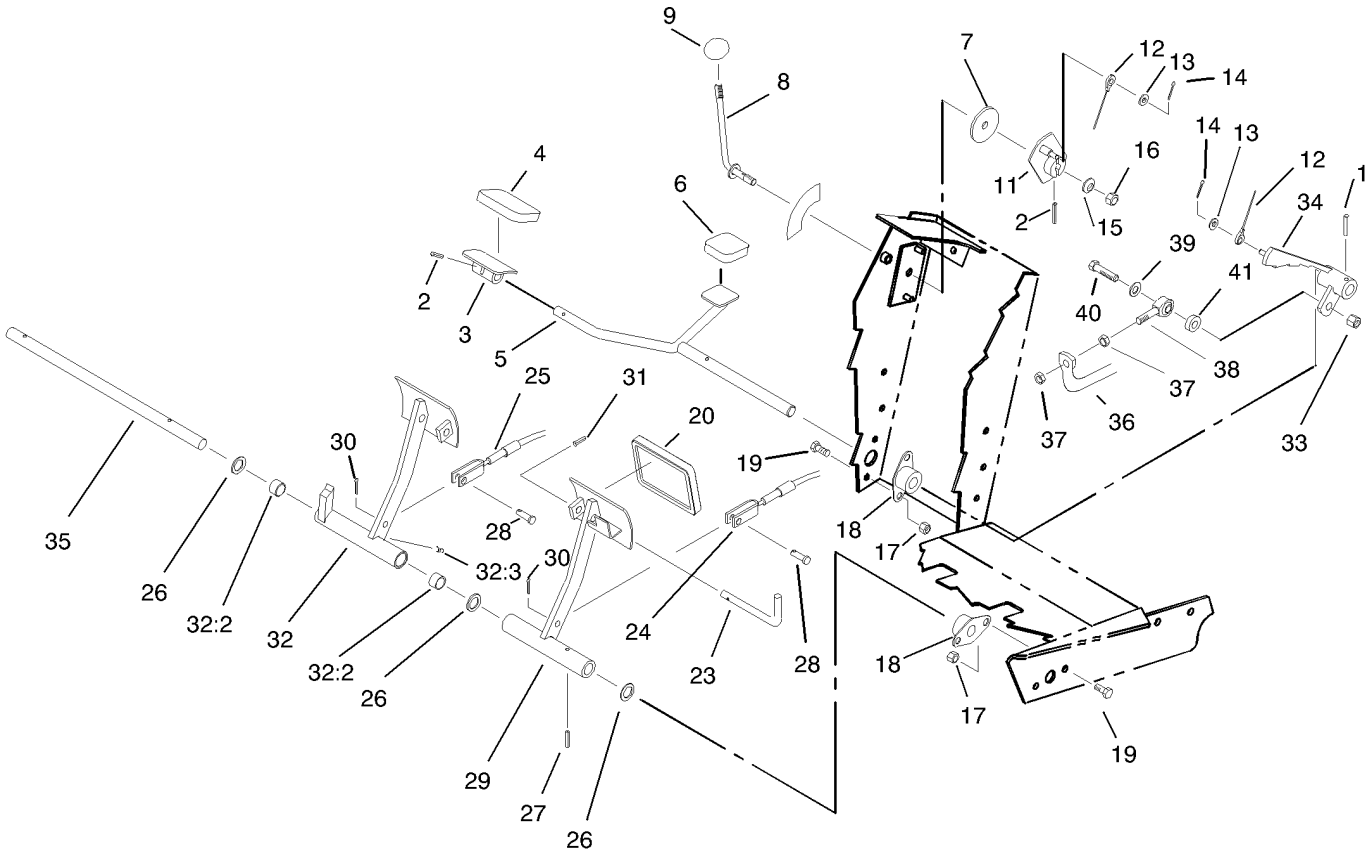

# Steering Tower Assembly (continued)

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 36:1 | 237-22 | 1 | O-Ring |
| 37 | 56-7973 | 6 | Clamp-Tube |
| 38 | 322-7 | 3 | Screw-HH |
| 39 | 3256-14 | 1 | Washer-Flat |
| 40 | 3296-29 | 3 | Nut-Lock, NI |
| 41 | 69-8970 | 3 | Spacer |
| 42 | 240-4 | 3 | Grommet-Rubber |
| 43 | 340-70 | 3 | Nut-Lock |
| 44 | 69-8940 | 6 | Washer |
| 45 | 63-8360 | 1 | Key-Ignition |




# Steering Valve Assembly No. 99-8959

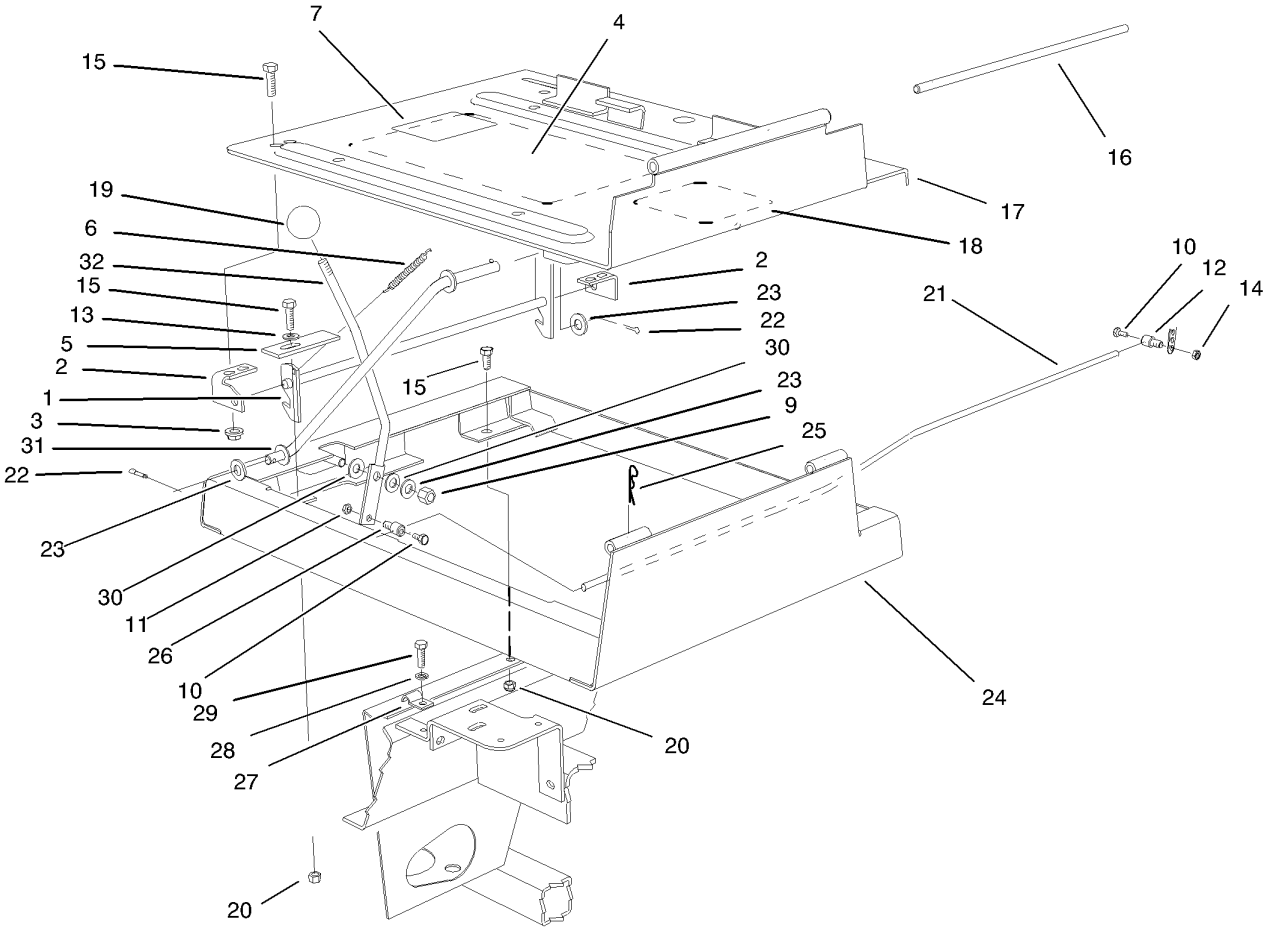
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 94-4099 | 1 | Seal Kit |
| ❷2 | | 1 | Housing |
| 3 | 94-4095 | 1 | Centering Spring Kit |
| ❷4 | | 1 | Spool |
| 5 | 94-4098 | 1 | Ring-Retaining |
| 6 | 94-4094 | 1 | Pin |
| ❷7 | | 1 | Sleeve |
| 8 | 94-4096 | 1 | Bearing Kit |
| 9 | 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 |




# Traction and Brake Pedals 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 | 3296-59 | 1 | Nut-Lock, NI |
| 17 | 3296-29 | 8 | Nut-Lock, NI |
| 18 | 256-236 | 4 | Bearing-Mount, Flange |
| 19 | 322-3 | 8 | Screw-HH |
| 20 | 93-8742 | 2 | Footpad-Brake |
| 23 | 63-7880 | 1 | Pin-Latch, Brake |
| 24 | 63-7733 | 1 | LH Brake Cable ASM |
| 25 | 63-7732 | 1 | RH Brake Cable ASM |
| 26 | 3256-69 | 3 | Washer-Flat |
| 27 | 32121-16 | 1 | Pin-Spring |

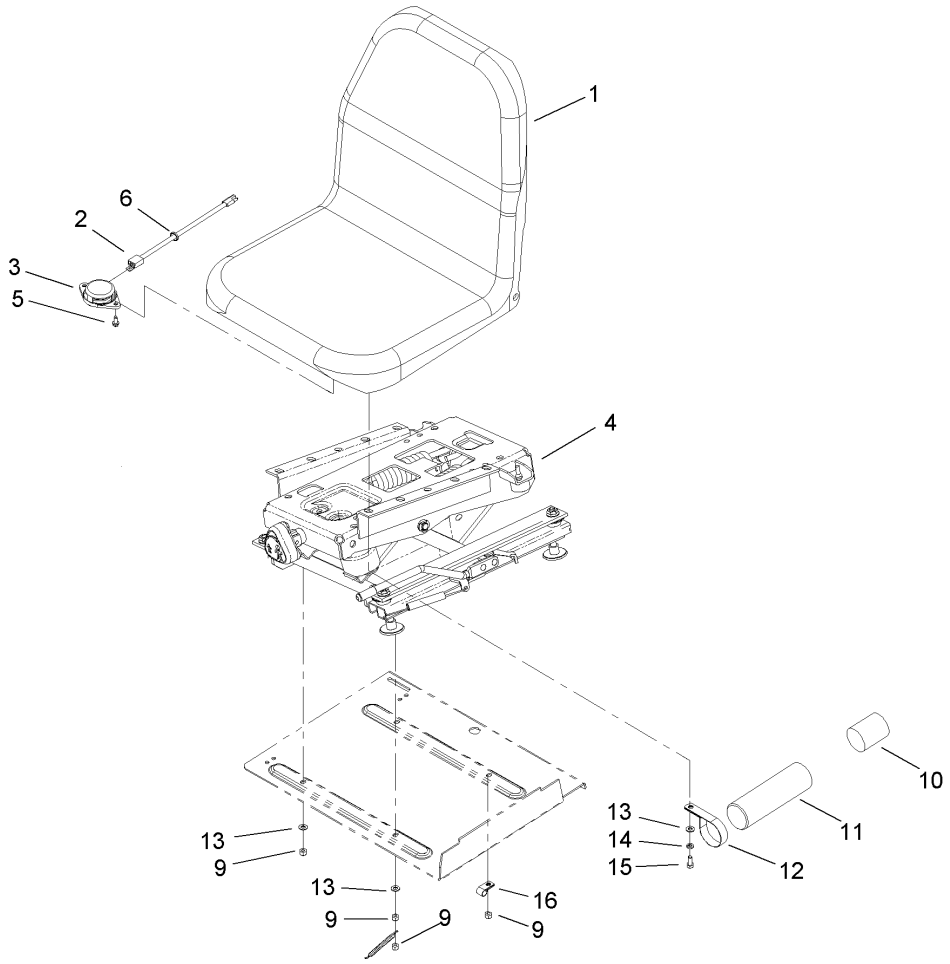
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 28 | 283-58 | 2 | Pin-Clevis |
| 29 | 75-1440-03 | 1 | Pedal-Brake, LH |
| 30 | 3272-10 | 2 | Pin-Cotter |
| 31 | 32121-50 | 1 | Pin-Spring |
| 32 | 75-1430 | 1 | Pedal-Brake, RH |
| 32:2 | 256-42 | 2 | Bushing |
| 32:3 | 302-5 | 1 | Fitting-Grease |
| 33 | 3296-39 | 1 | Nut-Lock, NI |
| 34 | 75-3270-03 | 1 | Hub-Pivot, Traction |
| 35 | 75-1470 | 1 | Pin-Pivot, Brake |
| 36 | 75-2170-03 | 1 | Tube-Control, Pump |
| 37 | 3220-3 | 2 | Nut-Jam |
| 38 | 2411-36 | 1 | Bearing-End, Rod |
| 39 | 3256-24 | 1 | Washer-Flat |
| 40 | 323-9 | 1 | Screw-HH |
| 41 | 5-0652 | 1 | Spacer |




# Seat Frame and Throttle Assembly

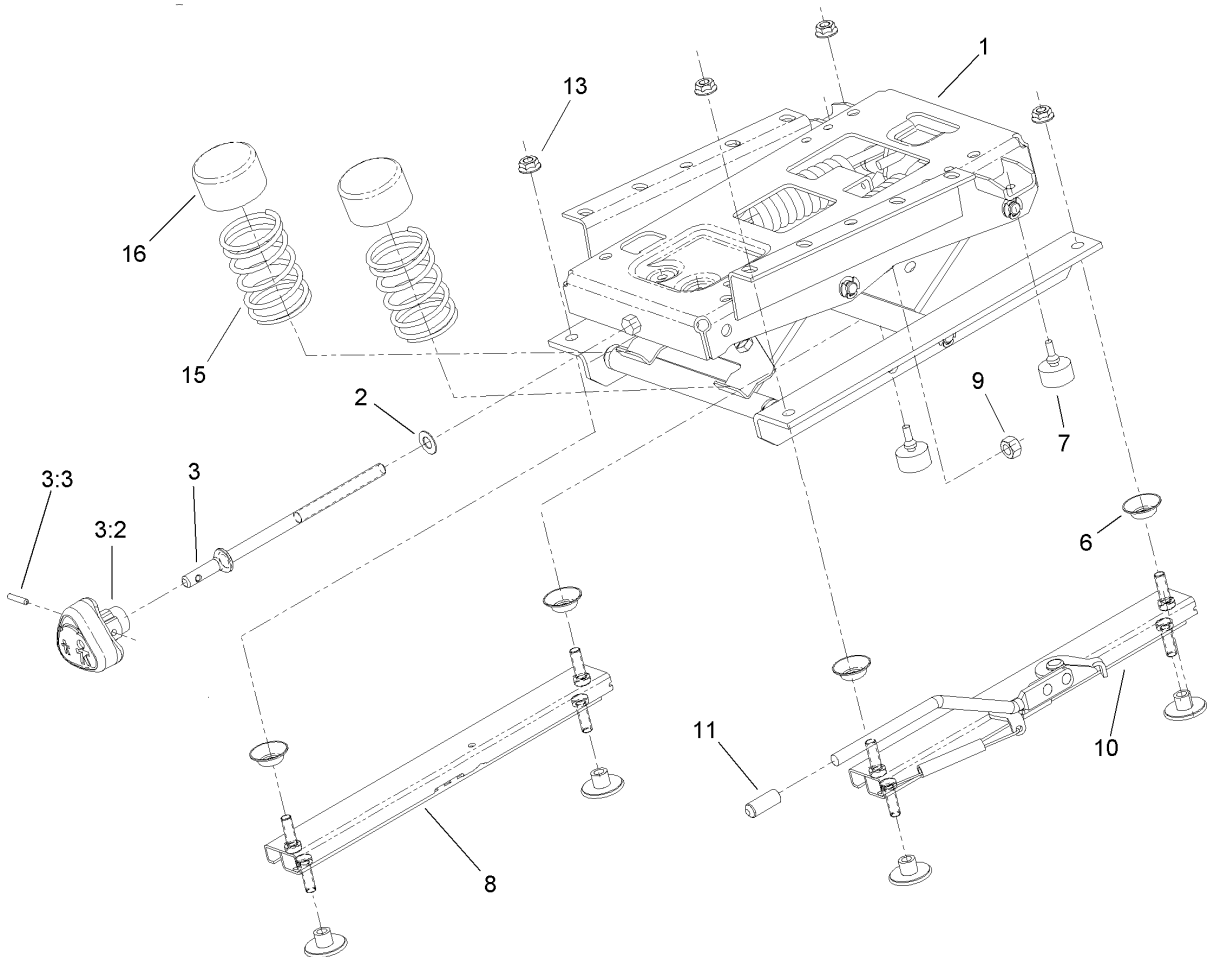
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-2354-03 | 1 | Latch-Seat |
| 2 | 98-2353 | 2 | Bracket-Latch, Seat |
| 3 | 32128-25 | 4 | Nut-Flange |
| 4 | 105-7528 | 1 | Decal-Information, Solenoid |
| 5 | 98-9302 | 1 | Plate-Stop, Idler |
| 6 | 66-4190-03 | 1 | Spring-Idler, Clutch |
| 7 | 105-4674 | 1 | Decal-Noise, Ce |
| 9 | 3296-39 | 1 | Nut-Lock, NI |
| 10 | 25-8640 | 2 | Screw-HH |
| 11 | 3296-3 | 1 | Nut-Lock, NI |
| 12 | 98-9311 | 1 | Swivel-Throttle |
| 13 | 3256-23 | 1 | Washer-Flat |
| 14 | 3296-20 | 1 | Nut-Lock, NI |
| 15 | 322-3 | 8 | Screw-HH |
| 16 | 75-3400 | 1 | Shaft-Pivot, Seat |
| 17 | 98-2350-03 | 1 | Plate-Seat |
| 18 | 106-9224 | 1 | Decal-Danger |
| 19 | 233-42 | 1 | Knob |
| 20 | 3296-29 | 4 | Nut-Lock, NI |
| 21 | 98-3926 | 1 | Cable-Throttle |
| 22 | 3272-10 | 2 | Pin-Cotter |
| 23 | 3256-24 | 3 | Washer-Flat |
| 24 | 98-2352-03 | 1 | Frame-Seat |
| 25 | 3290-467 | 1 | Pin-Hair |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 93-0021 | 1 | Swivel-Cable, Throttle |
| 27 | 3-6657 | 1 | Clip-Skid |
| 28 | 3253-3 | 1 | Washer-Lock |
| 29 | 321-4 | 1 | Screw-HH |
| 30 | 66-2920 | 2 | Washer-Friction |
| 31 | 75-3680-03 | 1 | Rod-Seat |
| 32 | 75-3430-03 | 1 | Lever-Throttle |



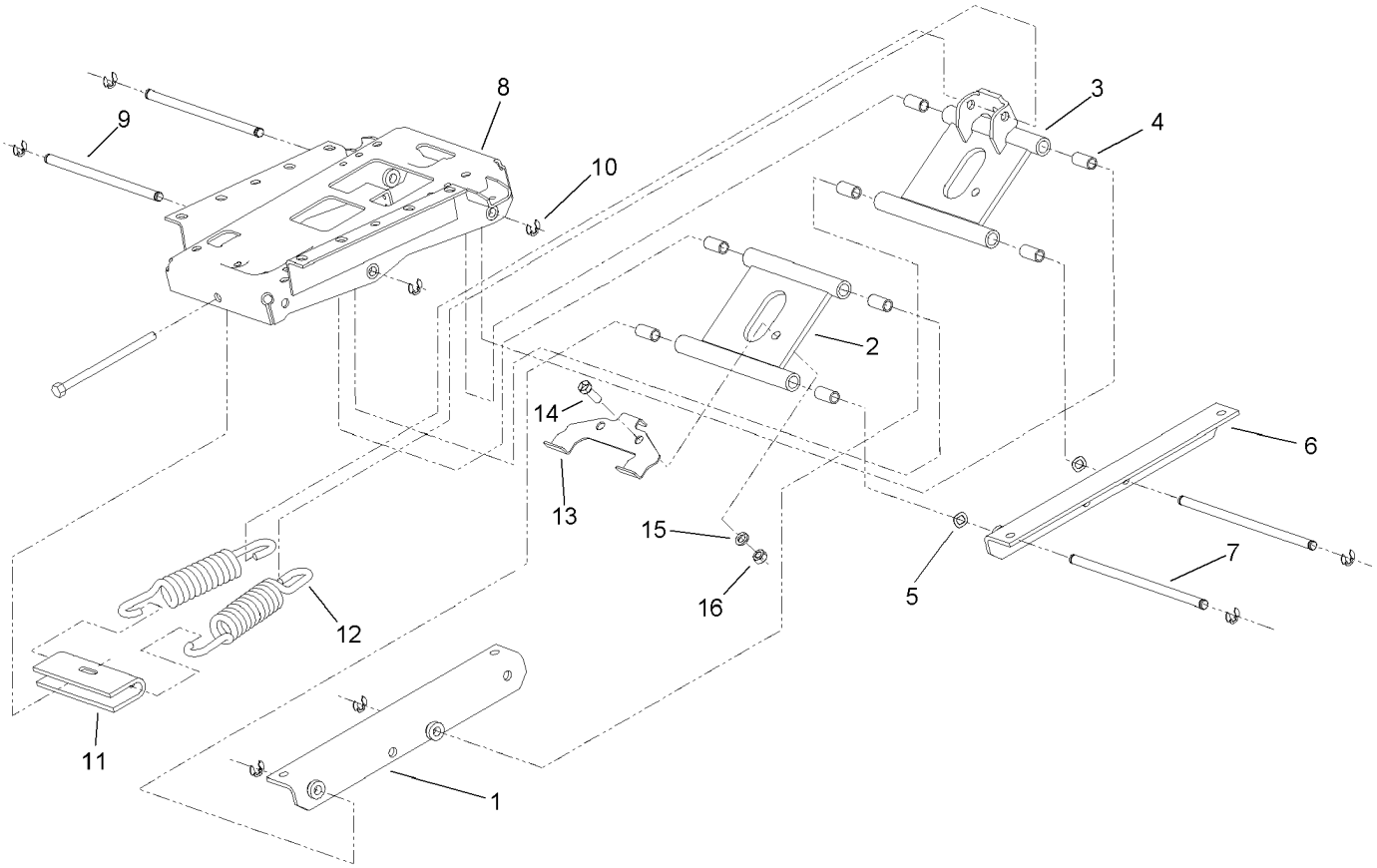

# Seat and Suspension Assembly

| 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 | 76-1970 | 1 | Seat Suspension ASM |
| 5 | 32144-10 | 2 | Screw-HWH |
| 6 | 93-0140 | 1 | Grommet-Rubber |
| 9 | 3296-29 | 5 | Nut-Lock, NI |
| 10 | 104-7048 | 1 | Cap-Housing |
| 11 | 104-7050 | 1 | Housing-Manual |
| 12 | 2412-133 | 2 | R-Clamp |
| 13 | 3256-23 | 8 | Washer-Flat |
| 14 | 3253-4 | 4 | Washer-Lock |
| 15 | 322-3 | 4 | Screw-HH |
| 16 | 2412-93 | 1 | Clamp-R |



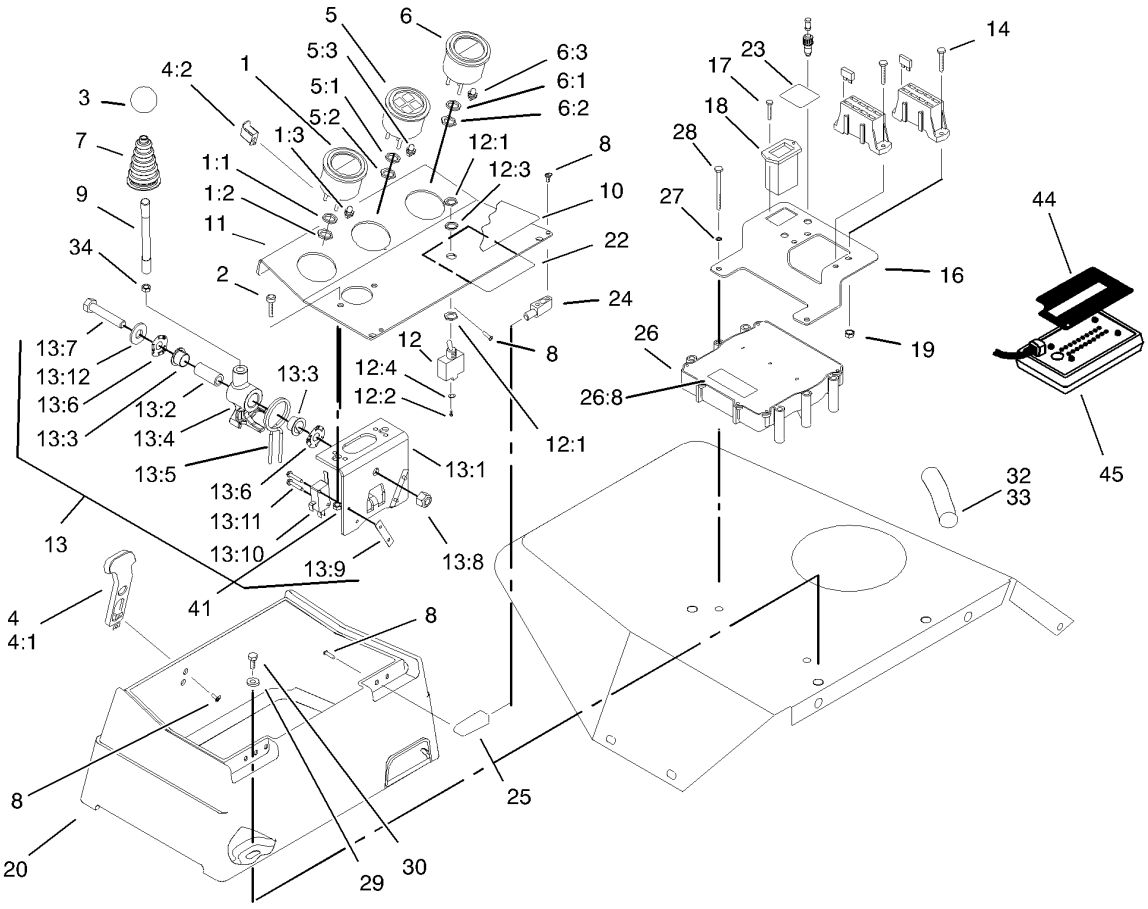

# Seat and Suspension Assembly No. 76-1970

| 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-Flange |
| 15 | 93-3163 | 2 | Spring |
| 16 | 93-3164 | 2 | Cap |




# Suspension Assembly No. 106-8085

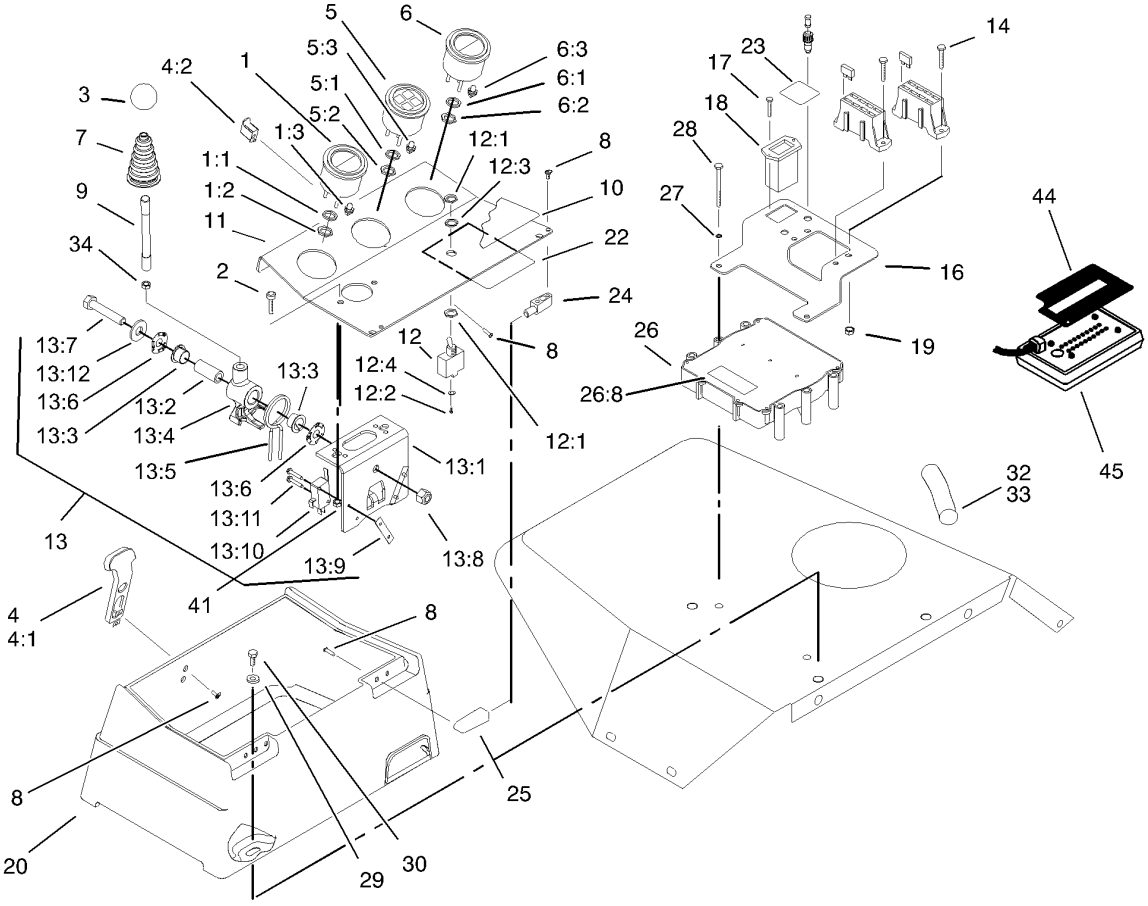
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-8086 | 1 | Bracket-Mounting, RH |
| 2 | 106-8087 | 1 | Arm |
| 3 | 106-8088 | 1 | Bellcrank |
| 4 | 76-1920 | 8 | Sleeve-Bearing |
| 5 | 108472 | 2 | Washer-Wave |
| 6 | 106-8089 | 1 | Mounting Bracket, LH |
| 7 | 106-8090 | 2 | Shaft-Pivot |
| 8 | 66-8600 | 1 | Frame-Upper |
| 9 | 76-1910 | 2 | Shaft-Pivot |
| 10 | 32151-47 | 8 | Ring-Retaining |
| 11 | 77-2870 | 1 | Hanger-Spring |
| 12 | 76-1940 | 2 | Spring-Extension |
| 13 | 93-3165 | 1 | Bracket |
| 14 | 322-6 | 1 | Screw-HH |
| 15 | 3253-33 | 1 | Washer-Lock |
| 16 | 3217-6 | 1 | Nut-Hex |




# Control Console Assembly

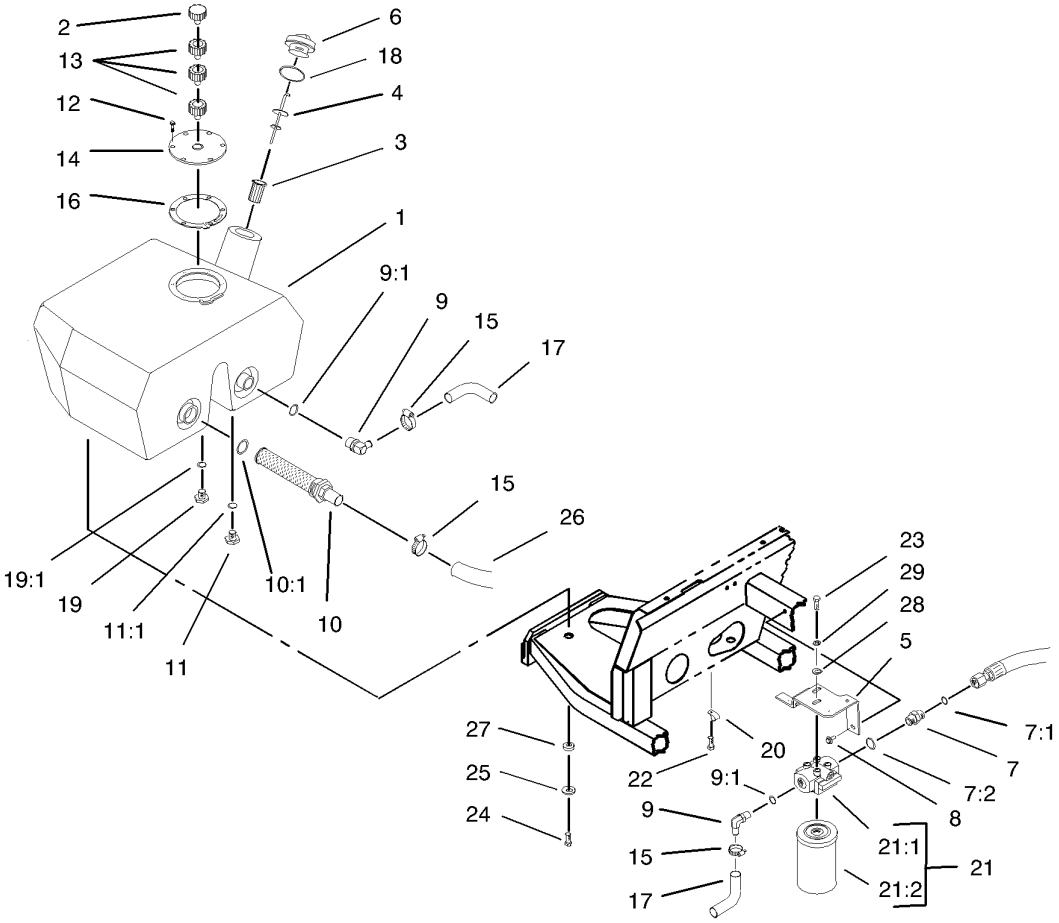
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9339 | 1 | Gauge-Fuel |
| 1:1 | 3254-1 | 3 | Washer-Lock, Int |
| 1:2 | 3217-27 | 3 | Nut-Hex |
| 1:3 | 105-9265 | 1 | Bulb And Lamp ASM |
| 2 | 3258-166 | 2 | Screw |
| 3 | 233-42 | 1 | Knob |
| 4 | 94-5626 | 1 | Latch-Draw, Flexible |
| 4:1 | 100-5806 | 1 | Handle-Latch |
| 4:2 | 100-5807 | 1 | Keeper-Latch |
| 5 | 98-9306 | 1 | Light-Warning |
| 5:1 | 3254-1 | 1 | Washer-Lock, Int |
| 5:2 | 3217-27 | 1 | Nut-Hex |
| 5:3 | 105-9264 | 4 | Bulb And Lamp ASM |
| 6 | 98-9308 | 1 | Gauge-Temperature |
| 6:1 | 3254-1 | 3 | Washer-Lock, Int |
| 6:2 | 3217-27 | 3 | Nut-Hex |
| 6:3 | 105-9265 | 1 | Bulb And Lamp ASM |
| 7 | 93-5961 | 1 | Boot-Lever |
| 8 | 32144-1 | 11 | Screw-Taptite |
| 9 | 105-7508 | 1 | Lever-Joystick |
| 10 | 104-9296 | 1 | Decal-Control |
| 11 | 104-9251-03 | 1 | Plate-Instrument |
| 12 | 99-8352 | 1 | Switch-Backlap, Master |
| 12:1 | 218-498 | 2 | Locknut |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 12:2 | 218-588 | 3 | Screw |
| 12:3 | 218-589 | 1 | Nut And Lockwasher ASM |
| 12:4 | 3253-19 | 3 | Washer-Lock |
| 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 |
| 14 | 32105-13 | 4 | Screw-SHH |
| 16 | 104-1499-03 | 1 | Bracket-Block, Fuse |
| 17 | 32144-18 | 2 | Screw-HH |
| 18 | 75-6820 | 1 | Hourmeter |
| 19 | 3296-2 | 4 | Nut-Lock |
| 20 | 104-0027 | 1 | Box-Control |
| 22 | 94-6767 | 1 | Decal-Fuses |
| 23 | 104-9298 | 1 | Decal-Controller |




# Control Console Assembly (continued)

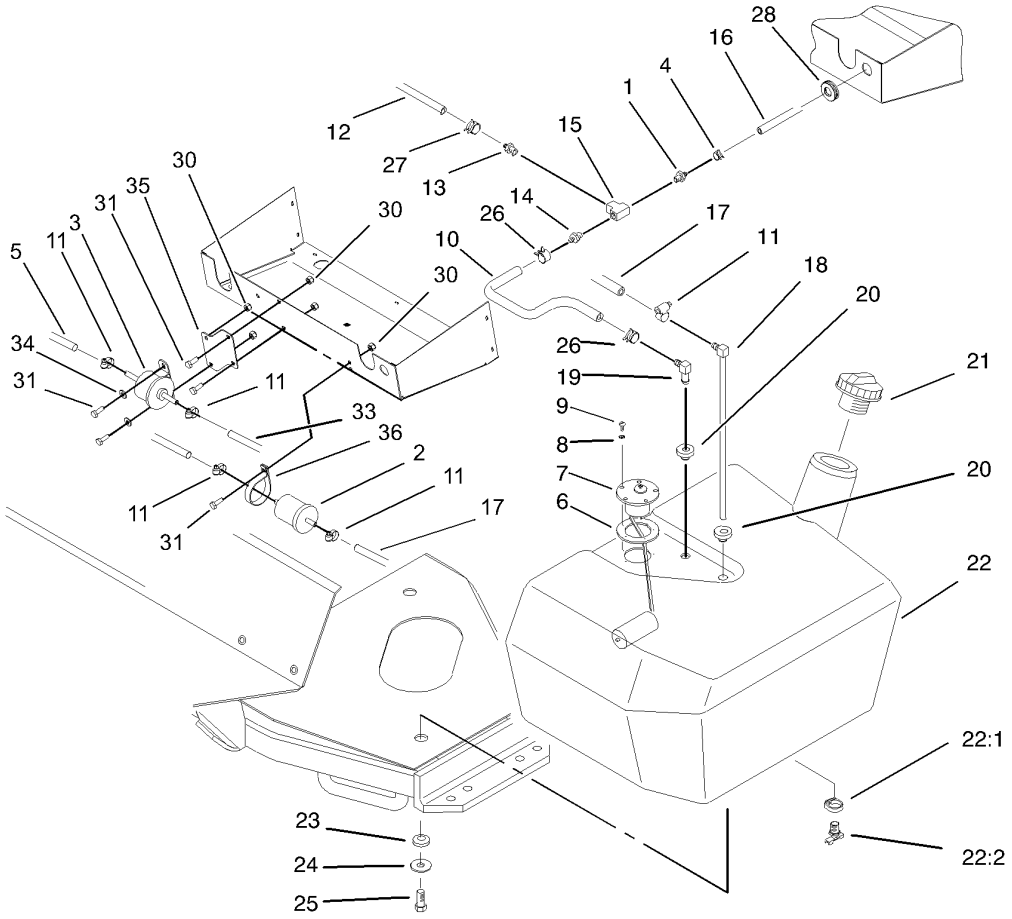
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 104-1496 | 2 | Hinge-Pin |
| 25 | 104-1497 | 2 | Hinge-Receiver |
| 26 | 92-5720 | 1 | Controller-Electronic |
| 26:8 | 93-8053 | 1 | Decal |
| 27 | 3253-3 | 2 | Washer-Lock |
| 28 | 321-14 | 2 | Screw-HH |
| 29 | 3256-3 | 3 | Washer-Flat |
| 30 | 322-5 | 3 | Screw-HH |
| 32 | 106-5971 | 1 | Harness-Wire |
| 33 | 94-6343 | 1 | Decal-Identification, Wire |
| 34 | 3218-3 | 1 | Nut-Jam |
| 41 | 32128-33 | 2 | Nut-HF |
| 44 | 105-7529 | 1 | Decal-Diagnostic |
| 45 | 85-4750 | 1 | Box-Display, Diagnostic |




# Hydraulic Filter and Reservoir Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-9254 | 1 | Tank-Oil |
| 2 | 68-6150 | 1 | Breather |
| 3 | 61-2790 | 1 | Filter-Screen |
| 4 | 94-9411 | 1 | Dipstick |
| 5 | 98-3917-01 | 1 | Bracket-Filter |
| 6 | 93-7498 | 1 | Plug-Plastic |
| 7 | 340-91 | 1 | Adapter |
| 7:1 | 237-58 | 1 | O-Ring |
| 7:2 | 237-146 | 1 | O-Ring |
| 8 | 32144-14 | 2 | Screw-HWH |
| 9 | 23-8910 | 2 | Stem-Barb, 90 DEG |
| 9:1 | 237-146 | 1 | O-Ring |
| 10 | 104-7546 | 1 | Strainer-Tank |
| 10:1 | 340-136 | 1 | O-Ring |
| 11 | 353-508 | 1 | Plug |
| 11:1 | 237-42 | 1 | O-Ring |
| 12 | 33104-020 | 6 | Screw-HHF |
| 13 | 92-8020 | 3 | Adapter-Breather |
| 14 | 93-7588 | 1 | Cover-Tank |
| 15 | 2412-34 | 3 | Clamp-Hose |
| 16 | 93-7499 | 1 | Gasket |
| 17 | 98-3931 | 2 | Hose-Formed |
| 18 | 237-101 | 1 | O-Ring |
| 19 | 353-550 | 1 | Plug-HYD |

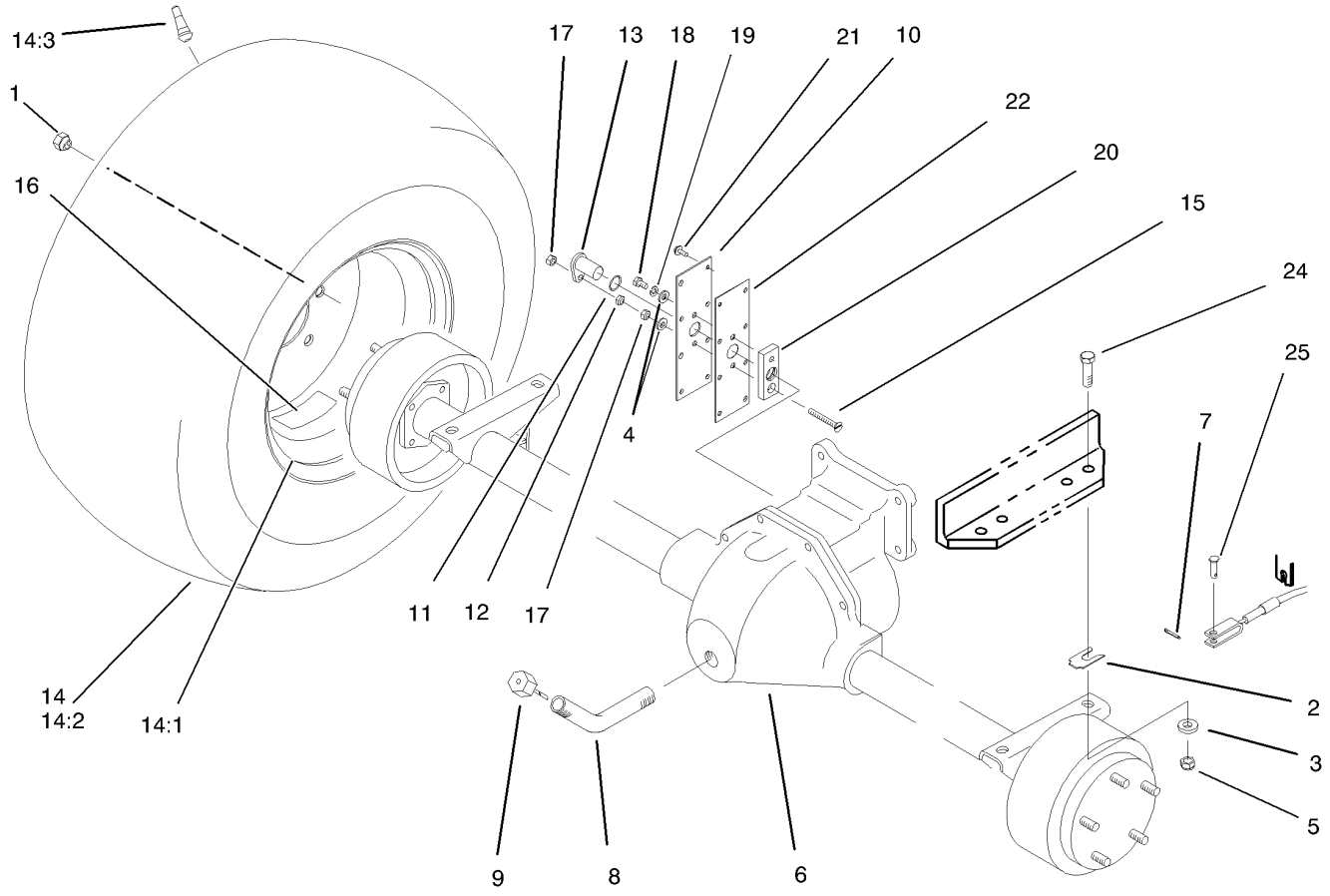
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 19:1 | 237-79 | 1 | O-Ring |
| 20 | 2412-93 | 2 | Clamp-R |
| ❷21 | | 1 | Oil Filter ASM |
| 21:1 | 104-0080 | 1 | Filter Head ASM |
| 21:2 | 94-2621 | 1 | Element-Filter |
| 22 | 32144-10 | 2 | Screw-HWH |
| 23 | 323-4 | 2 | Screw-HH |
| 24 | 33105-025 | 3 | Screw-HHF |
| 25 | 63-8410 | 3 | Washer |
| 26 | 75-6870 | 1 | Hose-Inlet, Pump |
| 27 | 240-11 | 3 | Bushing-Flange |
| 28 | 3256-24 | 2 | Washer-Flat |
| 29 | 3253-21 | 2 | Washer-Lock |




# Fuel Tank Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 304-73 | 1 | Connector-Hose |
| 2 | 98-7612 | 1 | Filter-Fuel |
| 3 | 104-5215 | 1 | Pump-Fuel, Electric |
| 4 | 2412-98 | 1 | Clamp |
| 5 | 23-2140 | 1 | Hose-Fuel |
| 6 | 62-7650 | 1 | Gasket |
| 7 | 63-7640 | 1 | Sender-Fuel |
| 8 | 3253-15 | 5 | Washer-Lock/sp |
| 9 | 32122-24 | 5 | Screw-Pth |
| 10 | 93-2042 | 1 | Hose-Fuel |
| 11 | 2412-108 | 4 | Clamp-Worm |
| 12 | 104-0077 | 1 | Hose-Fuel |
| 13 | 354-22 | 1 | Fitting-Barb |
| 14 | 354-21 | 1 | Fitting-Barb |
| 15 | 354-20 | 1 | Fitting-Tee |
| 16 | 98-9338 | 1 | Hose-Fuel |
| 17 | 104-0076 | 1 | Hose-Fuel |
| 18 | 66-8121 | 1 | Standpipe |
| 19 | 46-6550 | 1 | Fitting-Hyd, 90 DEG |
| 20 | 46-6560 | 2 | Bushing |
| 21 | 93-3102 | 1 | Cap-Fuel |
| 22 | 105-7933 | 1 | Tank-Fuel |
| 22:1 | 2412-36 | 1 | Clamp-Hose |
| 22:2 | 304-46 | 1 | Draincock |

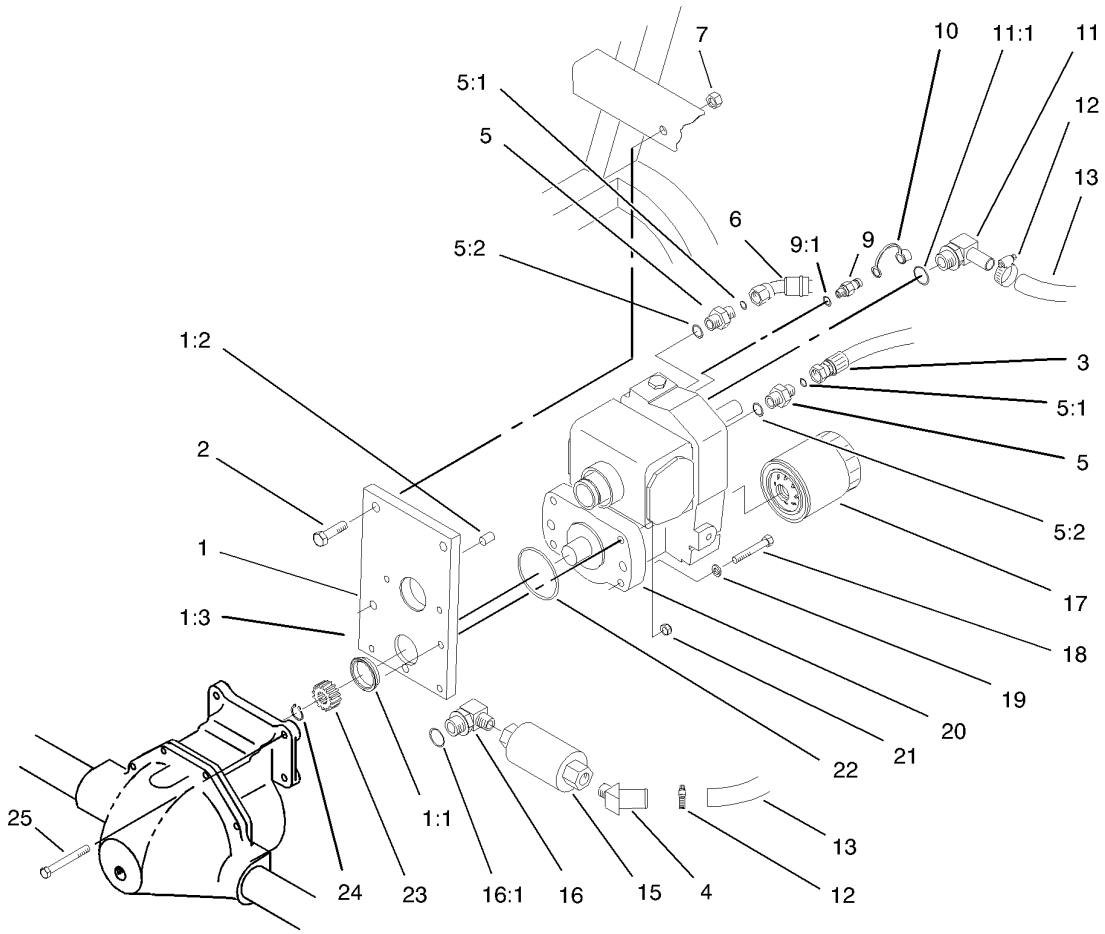
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 240-11 | 3 | Bushing-Flange |
| 24 | 63-8410 | 3 | Washer |
| 25 | 33105-025 | 3 | Screw-HHF |
| 26 | 92-2379 | 2 | Clamp-Hose |
| 27 | 2412-146 | 2 | Clamp-Hose |
| 28 | 240-9 | 1 | Grommet |
| 30 | 3296-42 | 5 | Nut-Lock, NI |
| 31 | 321-4 | 5 | Screw-HH |
| ❶32 | 3290-378 | 1 | Tie-Cable |
| 33 | 47-7430 | 1 | Hose-Fuel |
| 34 | 3256-22 | 2 | Washer-Flat |
| 35 | 104-9339 | 1 | Bracket-Pump, Fuel |
| 36 | 2412-148 | 1 | Clamp-R |




# Front Axle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 242-50 | 10 | Nut-Lug |
| 2 | 42-6080 | 5 | Shim-Axle |
| 3 | 66-6480 | 4 | Washer |
| 4 | 3256-22 | 2 | Washer-Flat |
| 5 | 3296-48 | 4 | Nut-Lock, NI |
| 6 | 106-9212-03 | 1 | Drive Axle ASM |
| 7 | 3272-10 | 2 | Pin-Cotter |
| 8 | 75-6850 | 1 | Tube-Fill, Oil |
| 9 | 27-3710 | 1 | Dipstick |
| 10 | 85-4330 | 1 | Cover-Gear |
| 11 | 237-181 | 1 | O-Ring |
| 12 | 3218-1 | 1 | Nut-Jam |
| 13 | 85-4350 | 1 | Sensor-Geartooth |
| ❷14 | | 2 | Wheel And Tire ASM |
| 14:1 | 99-6984 | 1 | Wheel ASM |
| 14:2 | 98-2373 | 1 | Tire |
| 14:3 | 232-27 | 1 | Stem-Valve |
| 15 | 32108-9 | 1 | Screw-FH |
| 16 | 106-9206 | 2 | Decal-Torque, Wheel |
| 17 | 3296-56 | 2 | Nut-Lock, NI |
| 18 | 321-2 | 1 | Screw-HH |
| 19 | 3253-3 | 1 | Washer-Lock |
| 20 | 85-4340 | 1 | Plate-Mounting, Sensor |
| 21 | 32144-112 | 8 | Screw-HWHTF |

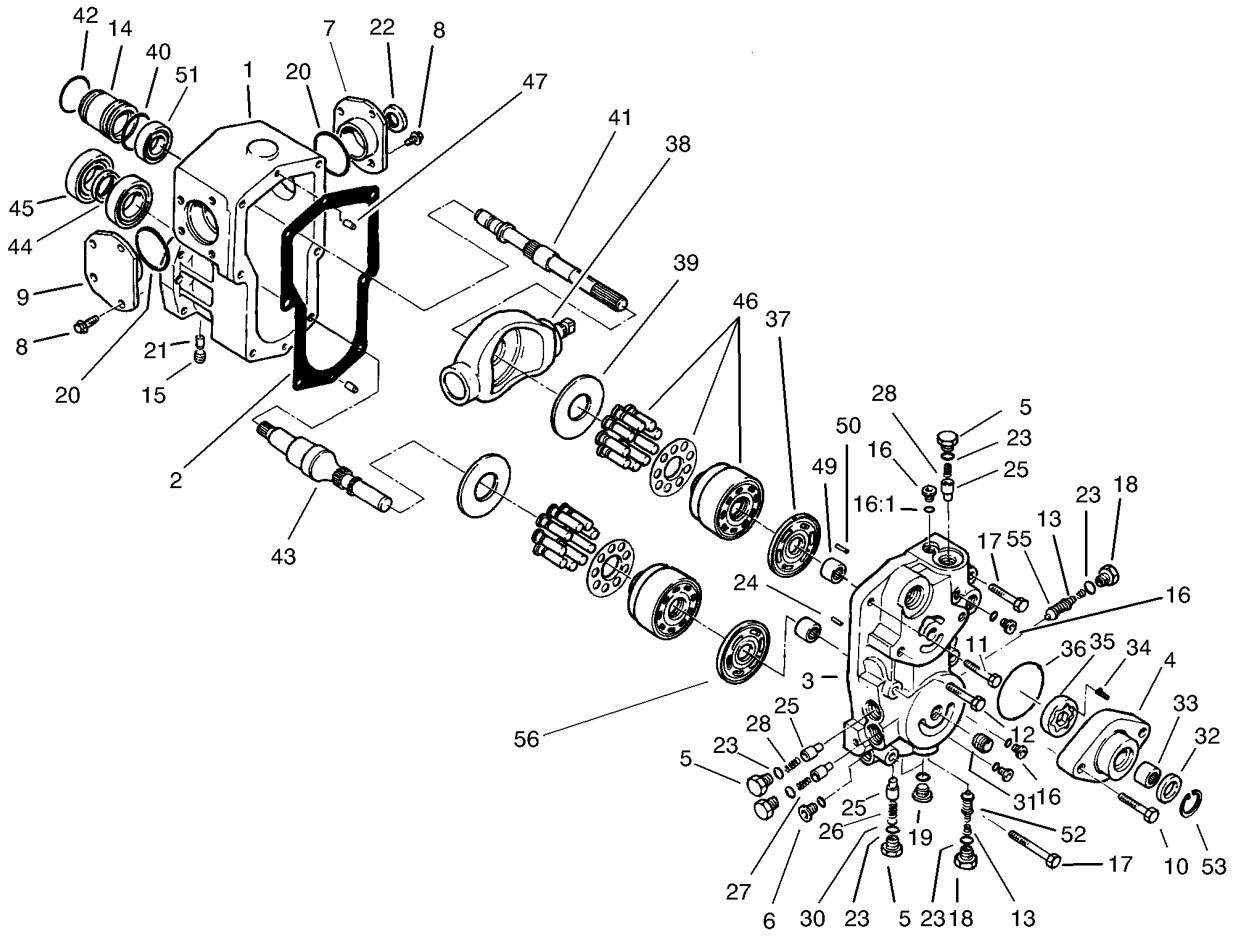
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 92-5797 | 1 | Gasket-Axle |
| 24 | 324-7 | 4 | Screw-HH |
| 25 | 283-58 | 2 | Pin-Clevis |




# Transmission Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 92-4846 | 1 | Transmission Support ASM |
| 1:1 | 75-3110 | 1 | Collar-Transmission |
| 1:2 | 92-4808 | 1 | Sleeve-Transmission |
| 1:3 | 92-4809 | 1 | Support-Transmission |
| 2 | 325-7 | 2 | Screw-HH |
| 3 | 104-0073 | 1 | HYD Hose ASM |
| 4 | 354-72 | 1 | Fitting-HYD |
| 5 | 340-3 | 2 | Adapter |
| 5:1 | 237-22 | 1 | O-Ring |
| 5:2 | 237-79 | 1 | O-Ring |
| 6 | 104-0072 | 1 | HYD Hose ASM |
| 7 | 3296-23 | 2 | Nut-Lock, NI |
| 9 | 354-77 | 1 | Fitting-Quick |
| 9:1 | 237-78 | 1 | O-Ring |
| 10 | 354-79 | 1 | Cap-Dust |
| 11 | 75-4720 | 1 | Fitting-Line, Suction |
| 11:1 | 237-81 | 1 | O-Ring |
| 12 | 2412-129 | 2 | Clamp-Hose |
| 13 | 75-6350 | 1 | Hose |
| 15 | 75-6340-03 | 1 | Filter |
| 16 | 354-75 | 1 | Fitting-Hyd, 90 DEG |
| 16:1 | 237-81 | 1 | O-Ring |
| 17 | 75-1330 | 1 | Element-Filter |
| 18 | 323-12 | 2 | Screw-HH |

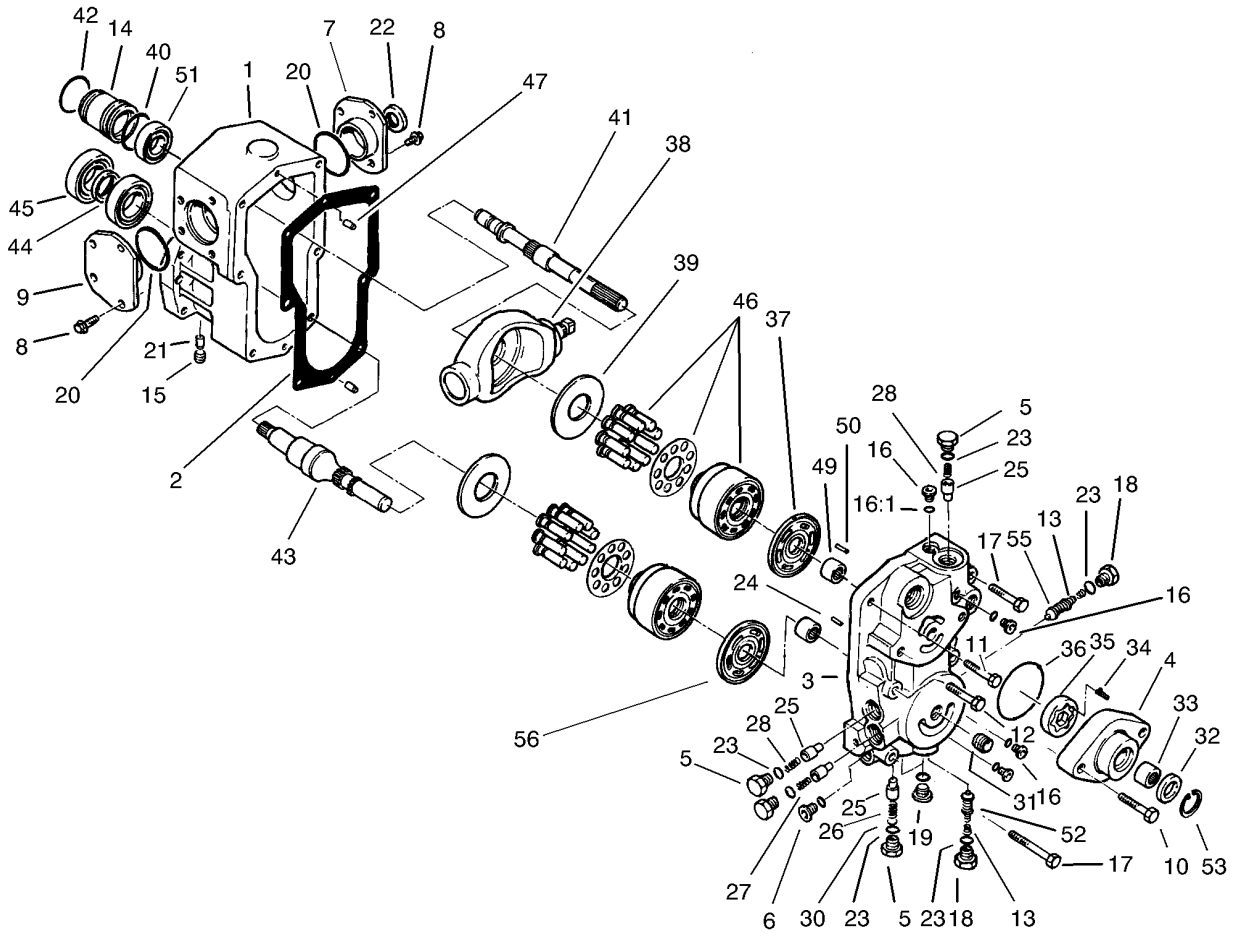
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 19 | 3253-21 | 2 | Washer-Lock |
| 20 | 75-0012 | 1 | Transmission |
| 21 | 3296-39 | 2 | Nut-Lock, NI |
| 22 | 237-161 | 1 | O-Ring |
| 23 | 86-7220 | 1 | Gear-Pinion |
| 24 | 32151-62 | 1 | Ring-Retaining |
| 25 | 323-20 | 2 | Screw-HH |




# Transmission Assembly No. 75-0012

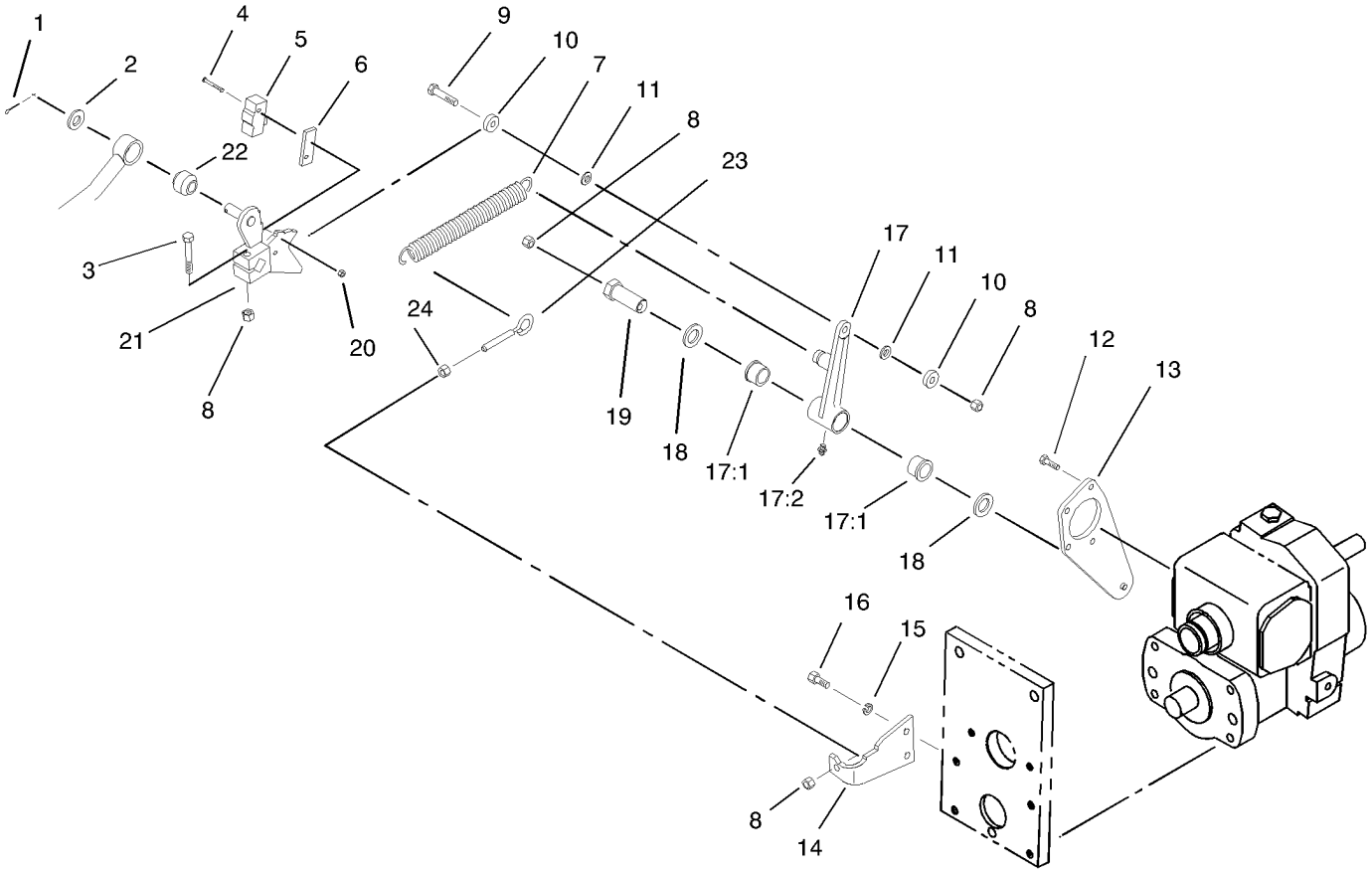
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 75-0020 | 1 | Housing |
| 2 | 75-0030 | 1 | Gasket-Housing |
| 3 | 75-0040 | 1 | Section-Center |
| 4 | 83-4780 | 1 | Housing-Pump, Charge |
| 5 | 75-0060 | 4 | Plug |
| 6 | 75-0070 | 1 | Plug |
| 7 | 86-7520 | 1 | RH Trunnion Cover ASM |
| 8 | 75-0090 | 8 | Capscrew-HH |
| 9 | 86-7530 | 1 | LH Trunnion Cover ASM |
| 10 | 75-0110 | 2 | Capscrew-HH |
| 11 | 75-0120 | 1 | Capscrew-HH |
| 12 | 75-0130 | 3 | Capscrew-HH |
| 13 | 75-0140 | 2 | Spring-Conical |
| 14 | 75-0150 | 1 | Guide-Seal |
| 15 | 75-0160 | 1 | Plug-Pipe |
| 16 | 75-0170 | 4 | Plug-Thread, Straight |
| 16:1 | 92-8777 | 1 | O-Ring |
| 17 | 75-0180 | 2 | Capscrew-HH |
| 18 | 75-0190 | 2 | Plug-Special |
| 19 | 75-0200 | 2 | Plug-Thread, Straight |
| 20 | 75-0210 | 2 | O-Ring |
| 21 | 75-0220 | 2 | Pin |
| 22 | 75-0230 | 1 | Seal-Lip |
| 23 | 75-0240 | 6 | O-Ring |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 75-0250 | 1 | Spring |
| 25 | 75-0260 | 4 | Valve-Relief |
| 26 | 75-0270 | 1 | Spring |
| 27 | 75-0280 | 1 | Spring |
| 28 | 75-0290 | 2 | Spring |
| 30 | 75-0310 | 1 | Shim |
| 31 | 75-0320 | 1 | Nipple |
| 32 | 75-0330 | 1 | Seal-Lip |
| 33 | 75-0340 | 1 | Bearing-Needle |
| 34 | 75-0350 | 1 | Pin |
| 35 | 75-0360 | 1 | Gerotor |
| 36 | 75-0370 | 1 | O-Ring |
| 37 | 75-0380 | 1 | Plate-Valve |
| 38 | 75-0390 | 1 | Plate-Swash |
| 39 | 75-0400 | 2 | Plate-Thrust |
| 40 | 75-0410 | 1 | O-Ring |
| 41 | 86-7540 | 1 | Shaft-Pump |
| 42 | 75-0430 | 1 | Ring-Retaining |
| 43 | 75-0440 | 1 | Shaft-Motor |
| 44 | 75-0450 | 1 | Collar |
| 45 | 75-0460 | 2 | Bearing-Ball |
| 46 | 75-0470 | 2 | Cylinder Block Kit |
| 47 | 75-0480 | 2 | Pin |
| 49 | 75-0500 | 2 | Bearing-Needle |




# Transmission Assembly No. 75-0012 (continued)

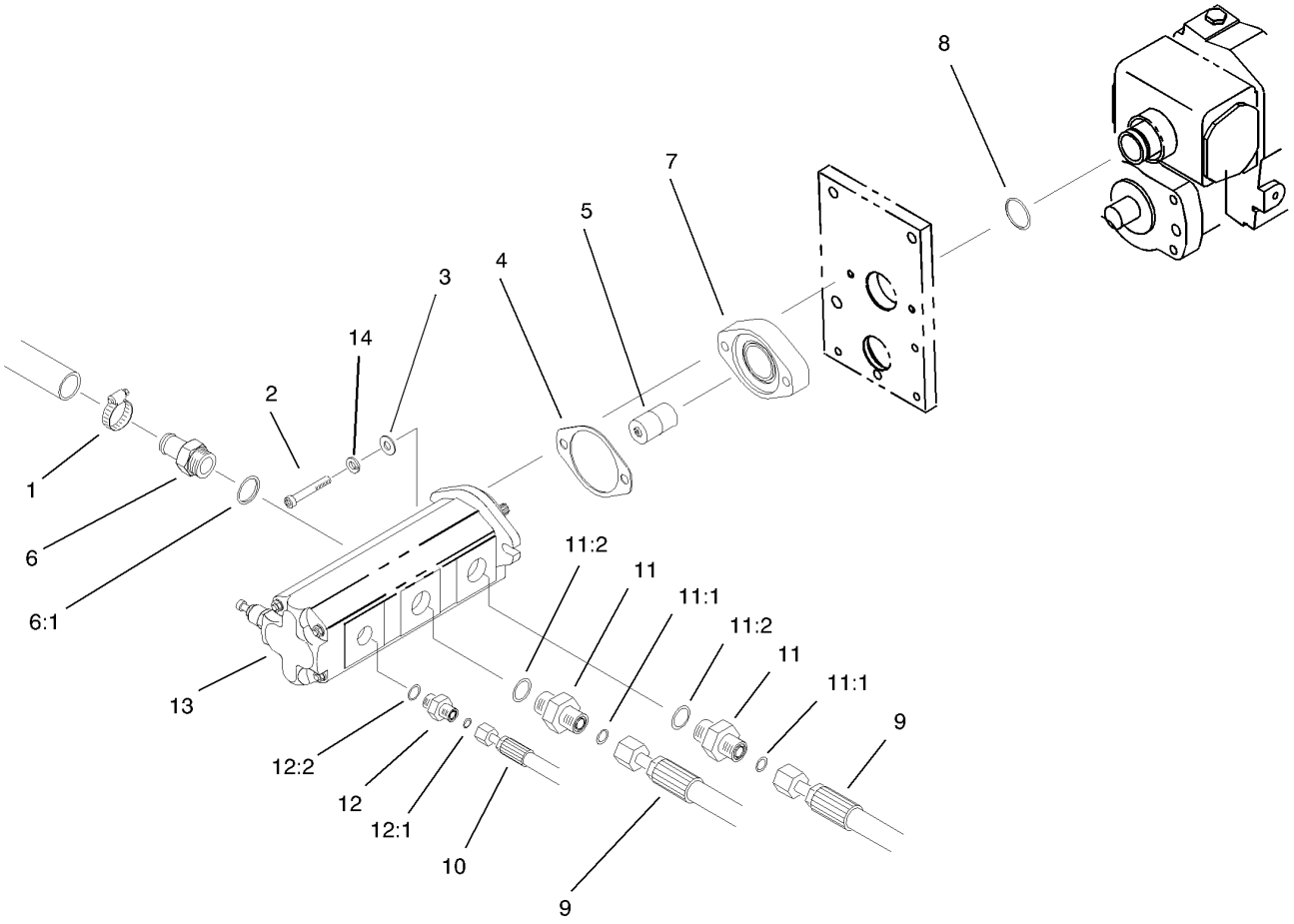
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 50 | 75-0510 | 1 | Pin |
| 51 | 75-0520 | 1 | Bearing-Ball |
| 52 | 75-6930 | 1 | Valve-Screw |
| 53 | 32120-74 | 1 | Snap-Ring |
| 55 | 93-0097 | 1 | Valve-Screw |
| 56 | 93-0083 | 1 | Plate-Valve |




# Traction Control Assembly

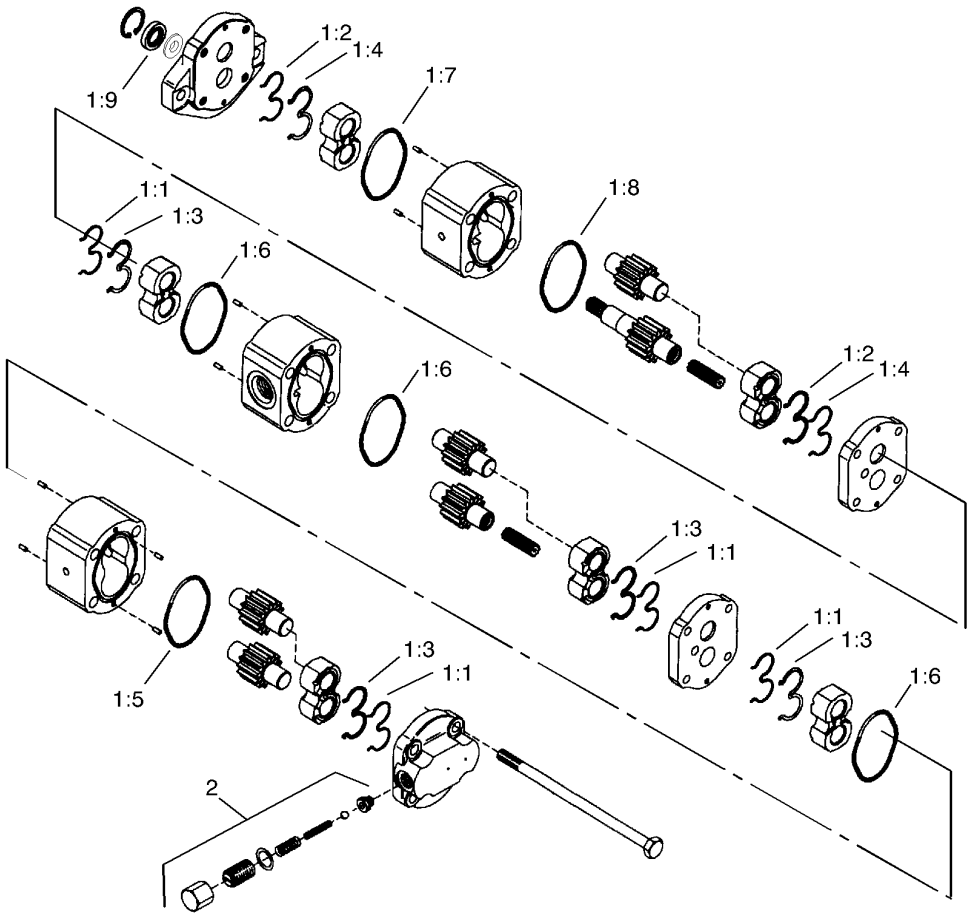
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3272-10 | 1 | Pin-Cotter |
| 2 | 3256-26 | 1 | Washer-Flat |
| 3 | 322-10 | 1 | Screw-HH |
| 4 | 32105-21 | 2 | Screw-HH |
| 5 | 29-6162 | 1 | Switch-Micro |
| 6 | 75-4130 | 1 | Plate-Switch |
| 7 | 76-9430-03 | 1 | Spring-Extention |
| 8 | 3296-29 | 4 | Nut-Lock, NI |
| 9 | 322-7 | 1 | Screw-HH |
| 10 | 251-307 | 2 | Bearing-Ball |
| 11 | 75-5470 | 2 | Spacer-Bearing |
| 12 | 321-5 | 4 | Screw-HH |
| 13 | 104-1480-03 | 1 | Traction Plate ASM |
| 14 | 85-9900-03 | 1 | Plate-Anchor, Spring |
| 15 | 3253-4 | 2 | Washer-Lock |
| 16 | 322-3 | 2 | Screw-HH |
| 17 | 92-2581 | 1 | Neutral Switch Arm ASM |
| 17:1 | 256-113 | 2 | Bushing-Flange |
| 17:2 | 302-5 | 1 | Fitting-Grease |
| 18 | 3-6498 | 2 | Washer-Thrust |
| 19 | 76-8640 | 1 | Stud-Traction |
| 20 | 3296-9 | 2 | Nut-Lock, NI |
| 21 | 75-4100-03 | 1 | Control-Pump |
| 22 | 23-2270 | 1 | Bushing-Rubber |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 85-9910 | 1 | Eyebolt |
| 24 | 3217-6 | 1 | Nut-Hex |



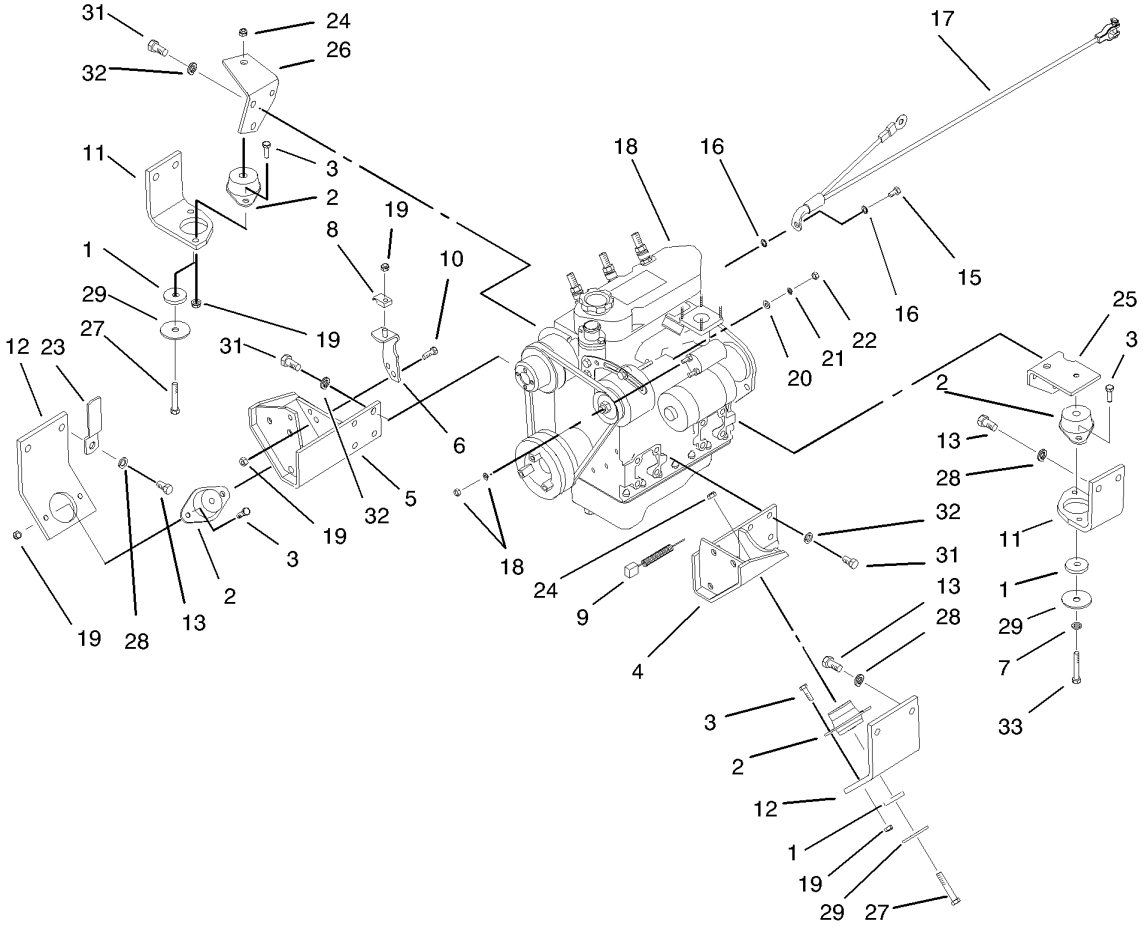

# Gear Pump Installation Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 2412-34 | 1 | Clamp-Hose |
| 2 | 92-4037 | 2 | Capscrew-HSH |
| 3 | 3256-24 | 2 | Washer-Flat |
| 4 | 93-3604 | 1 | Gasket |
| 5 | 93-1396 | 1 | Coupler |
| 6 | 354-78 | 1 | Connector-Hose |
| 6:1 | 237-146 | 1 | O-Ring |
| 7 | 75-4400-03 | 1 | Adaptor |
| 8 | 237-163 | 1 | O-Ring |
| 9 | 104-0050 | 2 | HYD Hose ASM |
| 10 | 104-0051 | 1 | HYD Hose ASM |
| 11 | 340-7 | 2 | Adapter |
| 11:1 | 237-65 | 1 | O-Ring |
| 11:2 | 237-80 | 1 | O-Ring |
| 12 | 340-2 | 1 | Fitting-Hyd, Straight |
| 12:1 | 237-22 | 1 | O-Ring |
| 12:2 | 237-42 | 1 | O-Ring |
| 13 | 99-6933 | 1 | Pump-Gear |
| 14 | 3253-5 | 2 | Washer-Lock |




# Gear Pump Assembly No. 99-6933

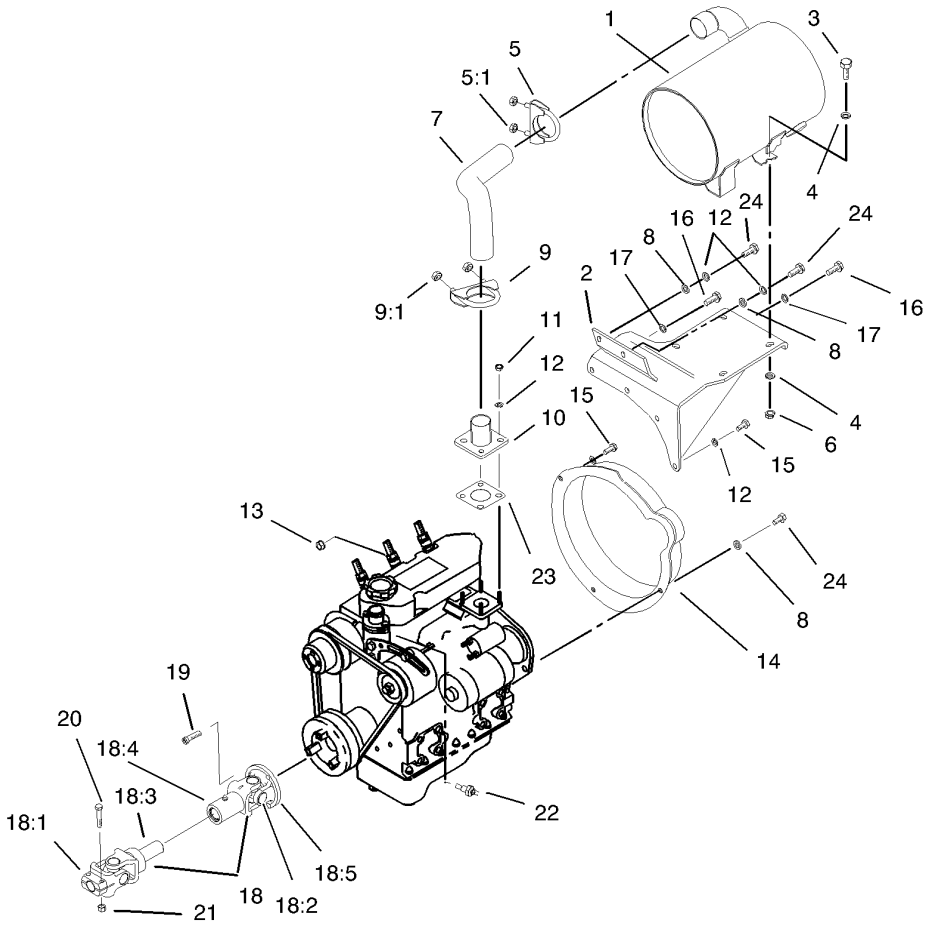
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-0576 | 1 | Seal Kit |
| ❷1:1 | | 4 | Seal-Extrusion, Anti |
| ❷1:2 | | 2 | Seal-Extrusion, Anti |
| ❷1:3 | | 4 | Seal-Loading, Pressure |
| ❷1:4 | | 2 | Seal-Loading, Pressure |
| ❷1:5 | | 1 | O-Ring |
| ❷1:6 | | 3 | O-Ring |
| ❷1:7 | | 1 | O-Ring |
| ❷1:8 | | 1 | O-Ring |
| ❷1:9 | | 1 | Seal-Shaft |
| 2 | 104-0577 | 1 | Cover/relief Valve ASM |




# Engine Installation Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 83-1050 | 4 | Spacer |
| 2 | 83-1030 | 4 | Mount-Engine |
| 3 | 322-5 | 8 | Screw-HH |
| 4 | 98-4539-03 | 1 | Bracket-Engine Mount, LH |
| 5 | 98-4543-03 | 1 | Bracket-Engine Mount, RH |
| 6 | 98-9749 | 1 | Plate-Throttle |
| 7 | 3253-21 | 1 | Washer-Lock |
| 8 | 3-6657 | 1 | Clip-Skid |
| 9 | 99-3441 | 1 | Harness-Wire, Fusible Link |
| 10 | 322-4 | 2 | Screw-HH |
| 11 | 98-4513-03 | 2 | Bracket-Engine, Rear |
| 12 | 104-1474-03 | 2 | Bracket-Engine, Front |
| 13 | 3213-2 | 8 | Screw-HH |
| 15 | 98-9322 | 1 | Bolt-Hh, Metric |
| 16 | 3255-9 | 2 | Washer-Lock, Ext |
| 17 | 98-4598 | 1 | Cable-Battery, Negative |
| 18 | 106-7059 | 1 | Engine-Kubota |
| 18 | 42-9850 | 1 | Washer-Lock, Spring |
| 18 | 57-6390 | 1 | Nut-Jam |
| 19 | 3296-29 | 11 | Nut-Lock, NI |
| 20 | 3256-78 | 1 | Washer-Flat |
| 21 | 43-5930 | 1 | Washer-Spring |
| 22 | 48-7890 | 1 | Nut |
| 23 | 98-4594 | 1 | Clamp-Retainer |

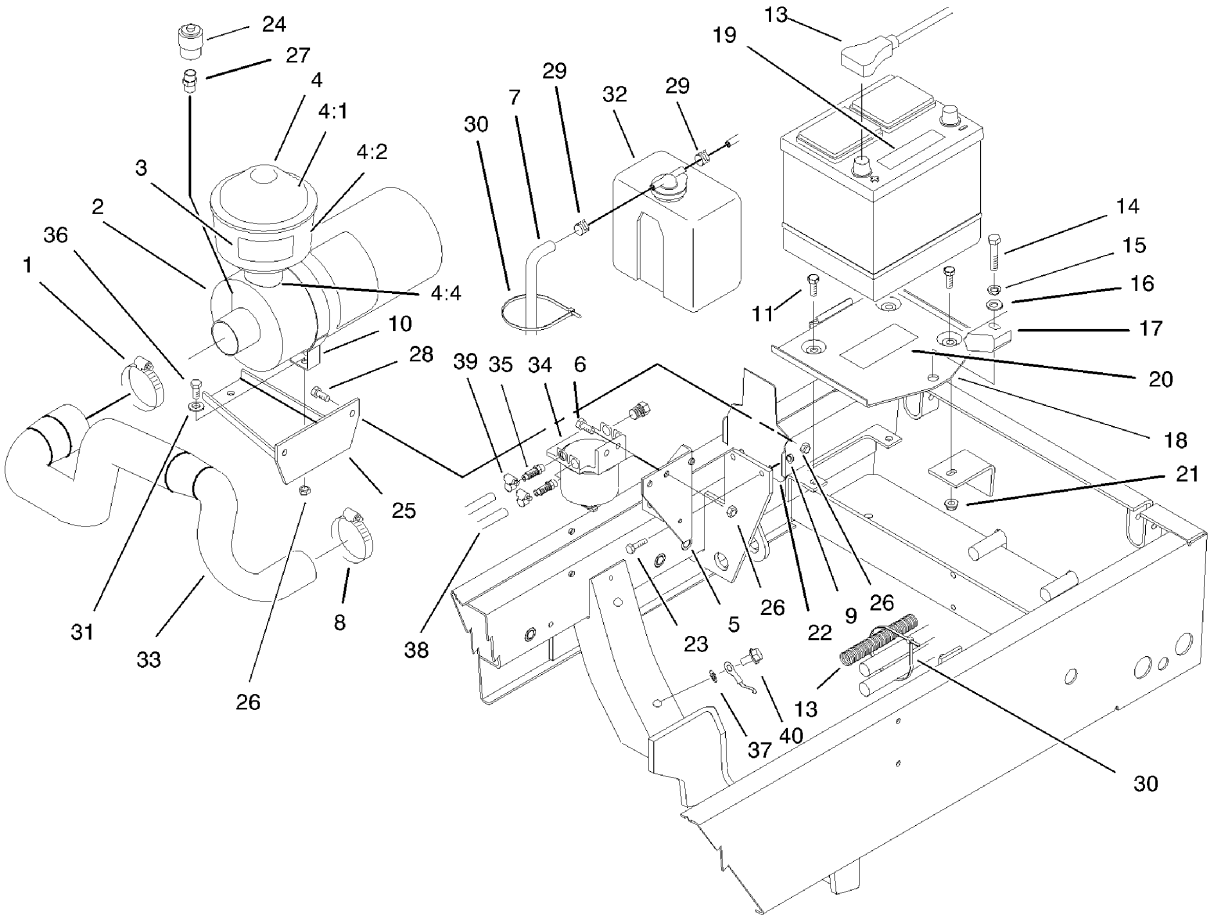
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 32128-36 | 3 | Nut-HF |
| 25 | 98-4515-03 | 1 | Bracket-Rear Engine, LH |
| 26 | 98-4514-03 | 1 | Bracket-Rear Engine, RH |
| 27 | 323-12 | 3 | Screw-HH |
| 28 | 3253-7 | 8 | Washer-Lock |
| 29 | 87-5100 | 4 | Washer-Snubbing |
| 31 | 43-0090 | 14 | Screw-HH |
| 32 | 42-9600 | 14 | Lockwasher-Spring |
| 33 | 323-10 | 1 | Screw-HH |




# Muffler and Pump Drive Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 107-2381 | 1 | Muffler-Exhaust |
| 2 | 98-4555-03 | 1 | Bracket-Muffler |
| 3 | 323-7 | 4 | Screw-HH |
| 4 | 3256-4 | 8 | Washer-Flat |
| 5 | 2112-9 | 1 | Clamp |
| 5:1 | 32128-20 | 2 | Nut-HF |
| 6 | 3296-39 | 4 | Nut-Lock, NI |
| 7 | 98-4524 | 1 | Tube-Exhaust |
| 8 | 3256-23 | 5 | Washer-Flat |
| 9 | 2112-6 | 1 | Clamp-Muffler |
| 9:1 | 3218-2 | 2 | Nut-Jam |
| 10 | 98-4527 | 1 | Pipe-Exhaust, Engine |
| 11 | 33014-00 | 4 | Nut-Hex |
| 12 | 42-9850 | 7 | Washer-Lock, Spring |
| 13 | 33024-00 | 1 | Nut-Lock |
| 14 | 105-7505 | 1 | Guard-Flywheel |
| 15 | 33114-025 | 3 | Screw-HH |
| 16 | 43-0090 | 2 | Screw-HH |
| 17 | 42-9600 | 2 | Lockwasher-Spring |
| 18 | 99-6977 | 1 | Driveshaft ASM |
| 18:1 | 54-9040 | 1 | Yoke-End |
| 18:2 | 98-9766 | 2 | Universal Joint Kit |
| 18:3 | 98-9765 | 1 | Yoke And Shaft |
| 18:4 | 94-7379 | 1 | Tube-Yoke, Slip |

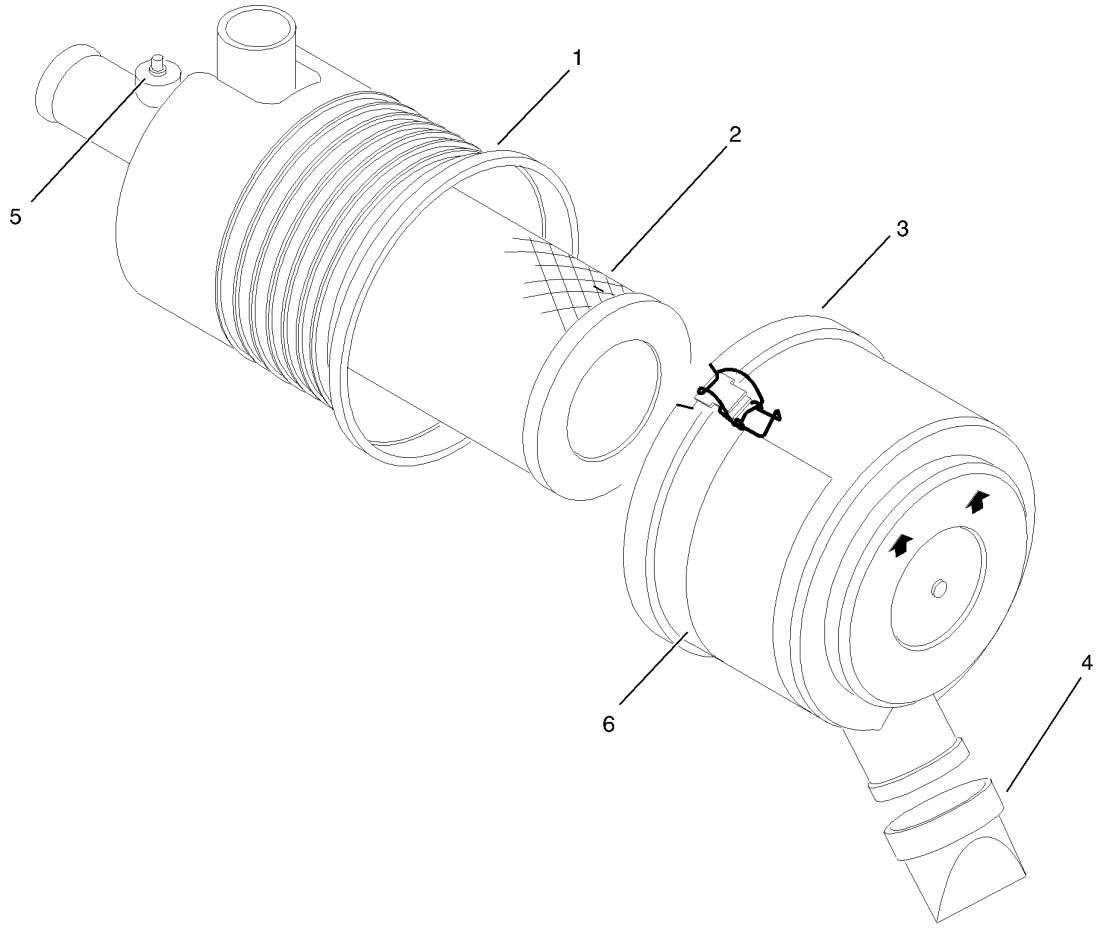
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18:5 | 104-1230 | 1 | Yoke |
| 19 | 98-9322 | 3 | Bolt-Hh, Metric |
| 20 | 322-9 | 2 | Screw-HH |
| 21 | 3296-29 | 2 | Nut-Lock, NI |
| 22 | 98-9346 | 1 | Sender-Temperature |
| 23 | 99-8343 | 1 | Gasket-Muffler |
| 24 | 33114-020 | 4 | Screw-HH |




# Engine Components Assembly

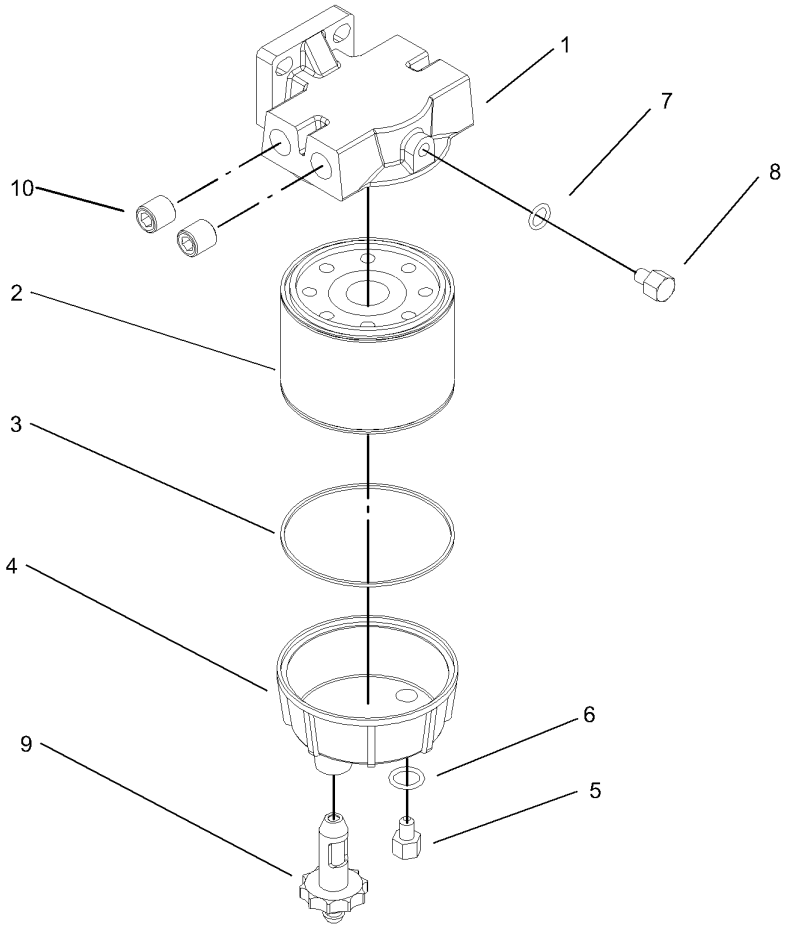
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 2412-42 | 1 | Clamp-Hose |
| 2 | 98-4517 | 1 | Air Cleaner ASM |
| 3 | 93-6692 | 1 | Decal-Fluid, Starting |
| 4 | 48-7430 | 1 | Precleaner |
| 4:1 | 33-1260 | 1 | Cover ASM |
| 4:2 | 33-1270 | 1 | Bowl-Clear |
| ❶4:3 | 62-6300 | 1 | Sleeve ASM |
| 4:4 | 94-6873 | 1 | Clamp |
| 5 | 98-4578-03 | 1 | Bracket-Filter, Fuel |
| 6 | 3234-29 | 2 | Screw-HHF |
| 7 | 63-7630 | 1 | Hose-Fuel |
| 8 | 2412-92 | 1 | Clamp-Hose |
| 9 | 32128-33 | 2 | Nut-HF |
| 10 | 98-4525 | 1 | Bracket-Cleaner, Air |
| 11 | 322-4 | 3 | Screw-HH |
| 13 | 104-0086 | 1 | Cable-Battery, Positive |
| 14 | 323-9 | 1 | Screw-HH |
| 15 | 3253-21 | 1 | Washer-Lock |
| 16 | 3256-24 | 1 | Washer-Flat |
| 17 | 66-2490 | 1 | Retainer-Battery |
| 18 | 94-7343 | 1 | Battery Base ASM |
| 19 | 93-6668 | 1 | Decal-Battery |
| 20 | 93-7276 | 1 | Decal-Danger |
| 21 | 32128-20 | 1 | Nut-HF |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 98-4576-03 | 1 | Bracket-Reservoir, Water |
| 23 | 321-5 | 2 | Screw-HH |
| 24 | 93-9164 | 1 | Indicator-Mini |
| 25 | 98-4518-03 | 1 | Bracket-Cleaner, Air |
| 26 | 3296-29 | 6 | Nut-Lock, NI |
| 27 | 94-1416 | 1 | Indicator Adapter ASM |
| 28 | 322-5 | 2 | Screw-HH |
| 29 | 92-2379 | 2 | Clamp-Hose |
| 30 | 3290-378 | 2 | Tie-Cable |
| 31 | 3256-23 | 2 | Washer-Flat |
| 32 | 104-9318 | 1 | Bottle-Overflow |
| 33 | 98-4509 | 1 | Hose-Cleaner, Air |
| 34 | 98-9305 | 1 | Water/fuel Filter ASM |
| 35 | 353-783 | 2 | Fitting |
| 36 | 322-6 | 2 | Screw-HH |
| 37 | 3255-8 | 1 | Washer-Lock |
| 38 | 63-7622 | 1 | Hose-Fuel |
| 39 | 2412-108 | 4 | Clamp-Worm |
| 40 | 32144-14 | 1 | Screw-HWH |



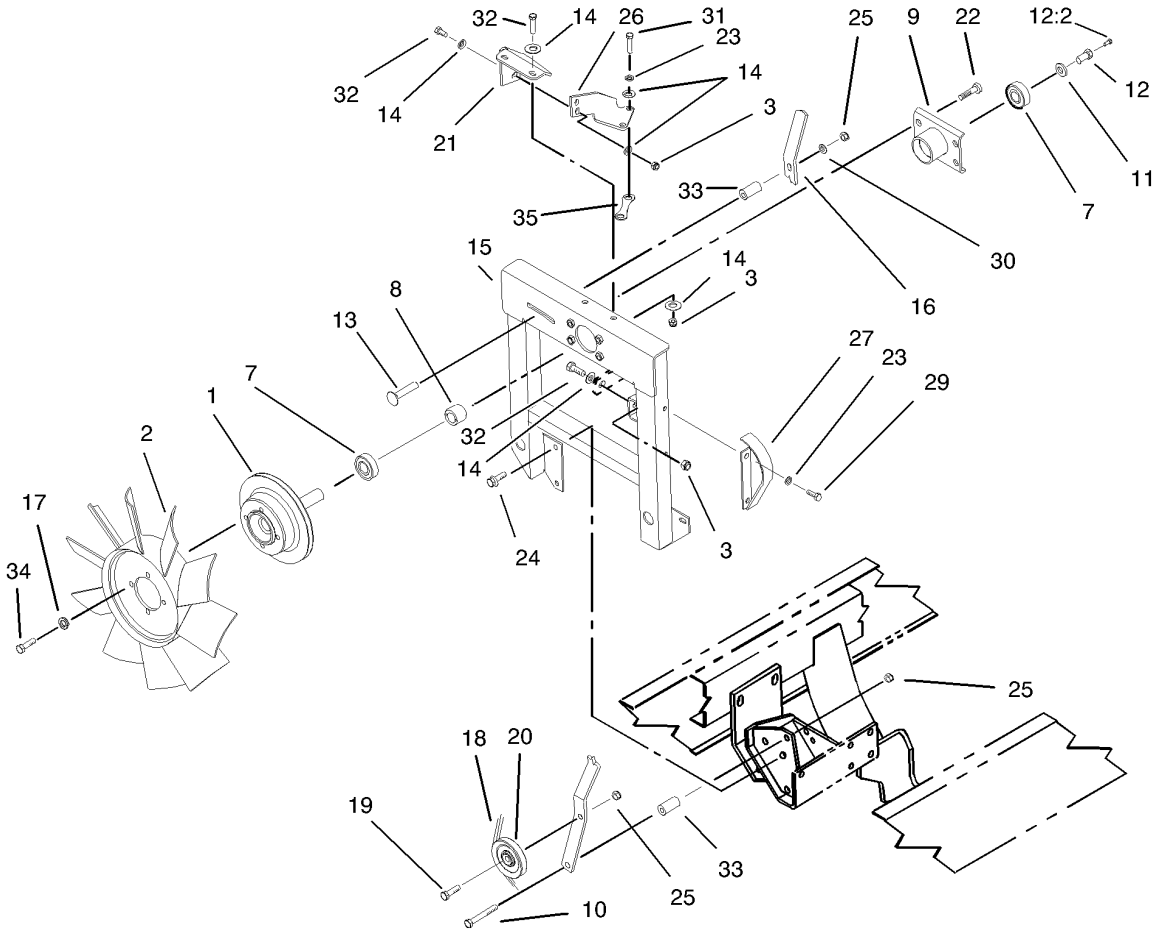

# Air Cleaner Assembly No. 98-4517

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Body ASM |
| 2 | 98-9763 | 1 | Element ASM |
| 3 | 98-9771 | 1 | Cover ASM |
| 4 | 87-9400 | 1 | Valve-Vacuator |
| ❷5 | | 1 | Plug |
| 6 | 98-9788 | 1 | Decal-Instruction |




# Water and Fuel Filter Assembly No. 98-9305

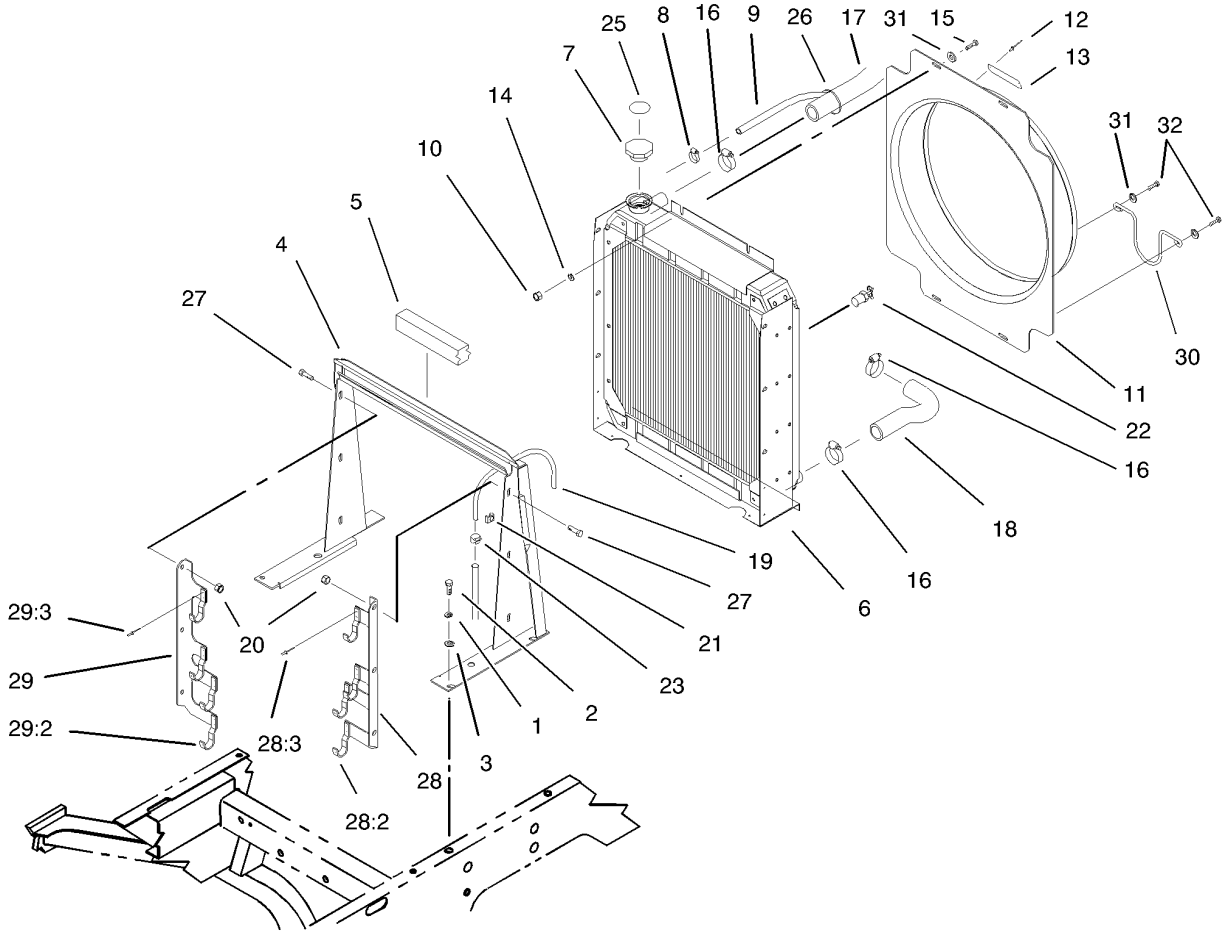
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9772 | 1 | Head-Filter |
| 2 | 98-9764 | 1 | Element |
| 3 | 98-9774 | 1 | O-Ring-Base, Filter |
| 4 | 98-9775 | 1 | Base-Filter |
| 5 | 98-9773 | 1 | Plug-Base, Filter |
| 6 | 237-42 | 1 | O-Ring |
| 7 | 237-78 | 1 | O-Ring |
| 8 | 98-9776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




# Fan Drive Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-0000-03 | 1 | Pulley |
| 2 | 99-6937 | 1 | Fan |
| 3 | 3296-29 | 5 | Nut-Lock, NI |
| 7 | 251-318 | 2 | Bearing |
| 8 | 104-0001 | 1 | Spacer |
| 9 | 104-0017-03 | 1 | Hub ASM |
| 10 | 323-12 | 1 | Screw-HH |
| 11 | 63-8410 | 1 | Washer |
| 12 | 11-0160 | 1 | Roller Shaft Screw ASM |
| 12:2 | 302-5 | 1 | Fitting-Grease |
| 13 | 104-1487 | 1 | Bolt-CARR |
| 14 | 3256-23 | 11 | Washer-Flat |
| 15 | 104-1440-03 | 1 | Support-Fan |
| 16 | 104-0006-03 | 1 | Lever-Fan, Idler |
| 17 | 3253-4 | 4 | Washer-Lock |
| 18 | 98-3921 | 1 | Belt |
| 19 | 95-3857 | 1 | Screw-HSBH |
| 20 | 63-8140 | 1 | Pulley-Idler |
| 21 | 104-1447-03 | 1 | Bracket-Fan, Support |
| 22 | 3274-12 | 4 | Screw-HSH |
| 23 | 42-9850 | 4 | Washer-Lock, Spring |
| 24 | 3234-29 | 6 | Screw-HHF |
| 25 | 3296-59 | 3 | Nut-Lock, NI |
| 26 | 104-1481-03 | 1 | Bracket-Mount, Fan |

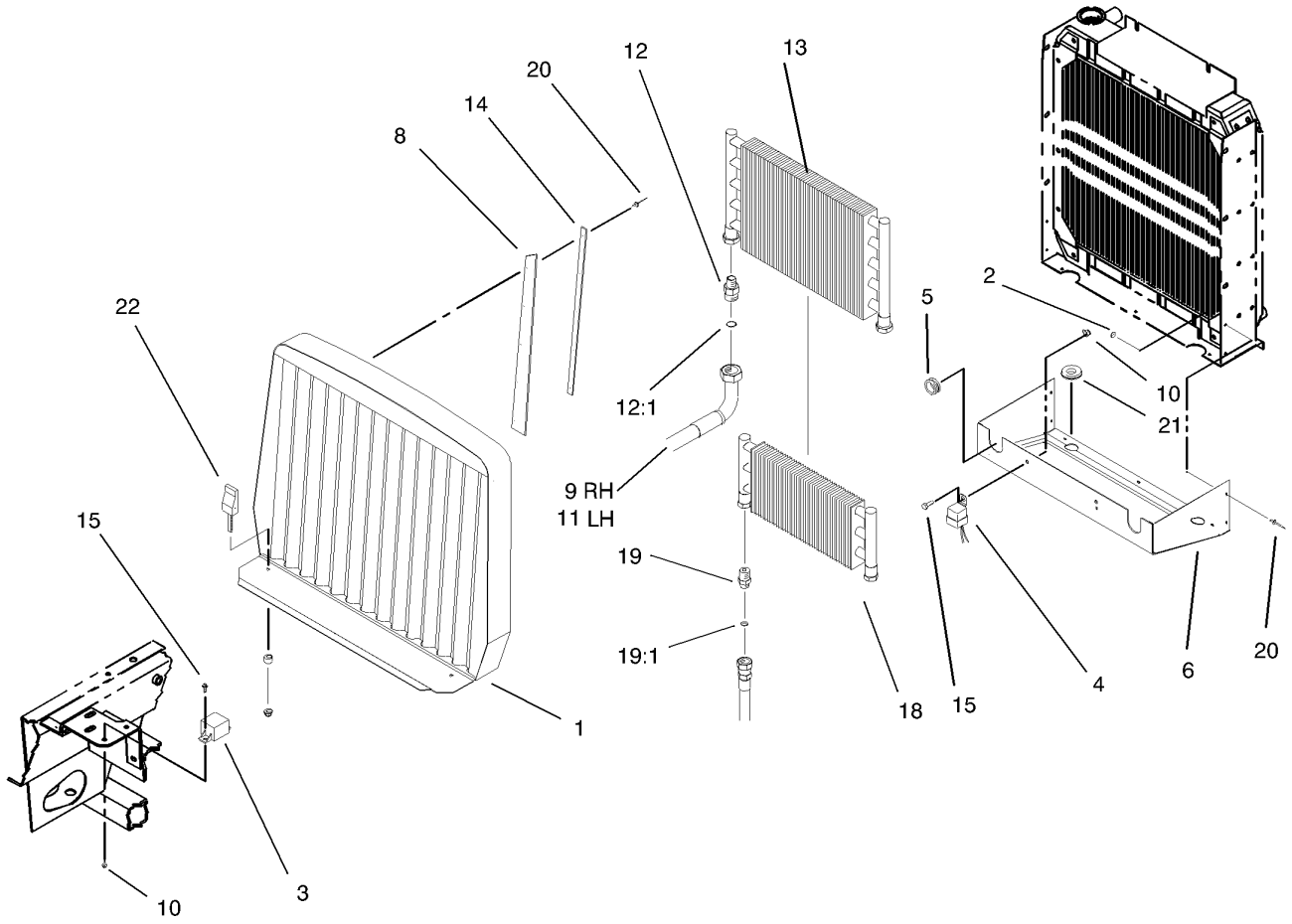
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 27 | 98-4561-03 | 1 | Shield-Alternator |
| 29 | 32144-14 | 2 | Screw-HWH |
| 30 | 3256-24 | 1 | Washer-Flat |
| 31 | 33114-020 | 2 | Screw-HH |
| 32 | 322-4 | 5 | Screw-HH |
| 33 | 104-0007 | 2 | Spacer |
| 34 | 322-3 | 4 | Screw-HH |
| 35 | 104-1482 | 1 | Plate-Washer |




# Radiator Assembly

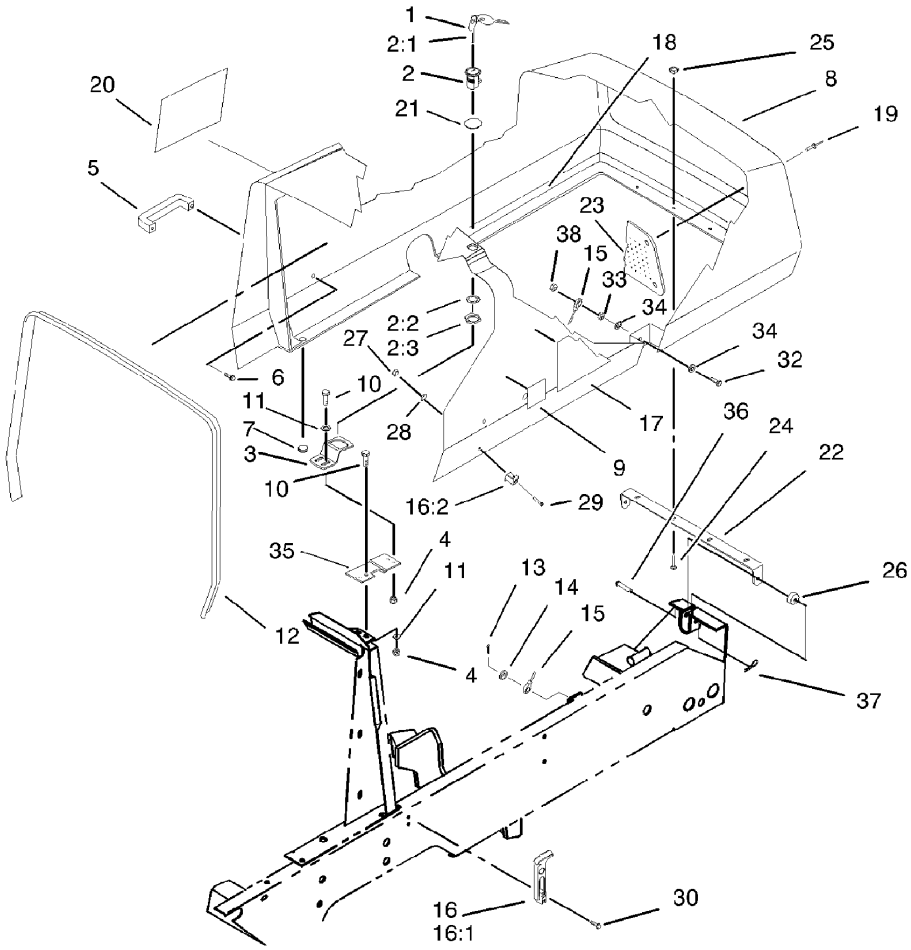
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3253-4 | 4 | Washer-Lock |
| 2 | 322-5 | 4 | Screw-HH |
| 3 | 3256-23 | 4 | Washer-Flat |
| 4 | 99-6970-03 | 1 | Support-Radiator |
| 5 | 104-1418 | 1 | Strip-Foam, Radiator |
| 6 | 99-6936 | 1 | Radiator |
| 7 | 66-3240 | 1 | Cap-Radiator |
| 8 | 92-2379 | 1 | Clamp-Hose |
| 9 | 104-0079 | 1 | Hose-Fuel |
| 10 | 3296-42 | 4 | Nut-Lock, NI |
| 11 | 99-6939 | 1 | Shroud-Fan |
| 12 | 3290-55 | 2 | Rivet-Pop |
| 13 | 98-9335 | 1 | Plate-Warning, Fan |
| 14 | 3256-22 | 4 | Washer-Flat |
| 15 | 321-4 | 2 | Screw-HH |
| 16 | 2412-34 | 4 | Clamp-Hose |
| 17 | 104-0013 | 1 | Hose-Radiator, Upper |
| 18 | 104-0014 | 1 | Hose-Radiator, Lower |
| 19 | 66-3180 | 1 | Tube-Vent |
| 20 | 32128-20 | 6 | Nut-HF |
| 21 | 2412-103 | 1 | Clamp |
| 22 | 304-46 | 1 | Draincock |
| 23 | 2412-98 | 1 | Clamp |
| 25 | 106-5976 | 1 | Decal-Warning |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 3290-379 | 1 | Tie-Cable |
| 27 | 3234-5 | 6 | Screw |
| 28 | 99-6991 | 1 | LH Cooler Mount ASM |
| 28:2 | 75-0930 | 4 | Hook-Mount, Cooler |
| 28:3 | 3269-15 | 8 | Rivet |
| 29 | 99-6994 | 1 | RH Cooler Mount ASM |
| 29:2 | 75-0930 | 4 | Hook-Mount, Cooler |
| 29:3 | 3269-15 | 8 | Rivet |
| 30 | 104-1448 | 1 | Hoop-Driveline |
| 31 | 3256-55 | 4 | Washer-Flat |
| 32 | 321-6 | 2 | Screw-HH |




# Oil Cooler and Radiator Assembly

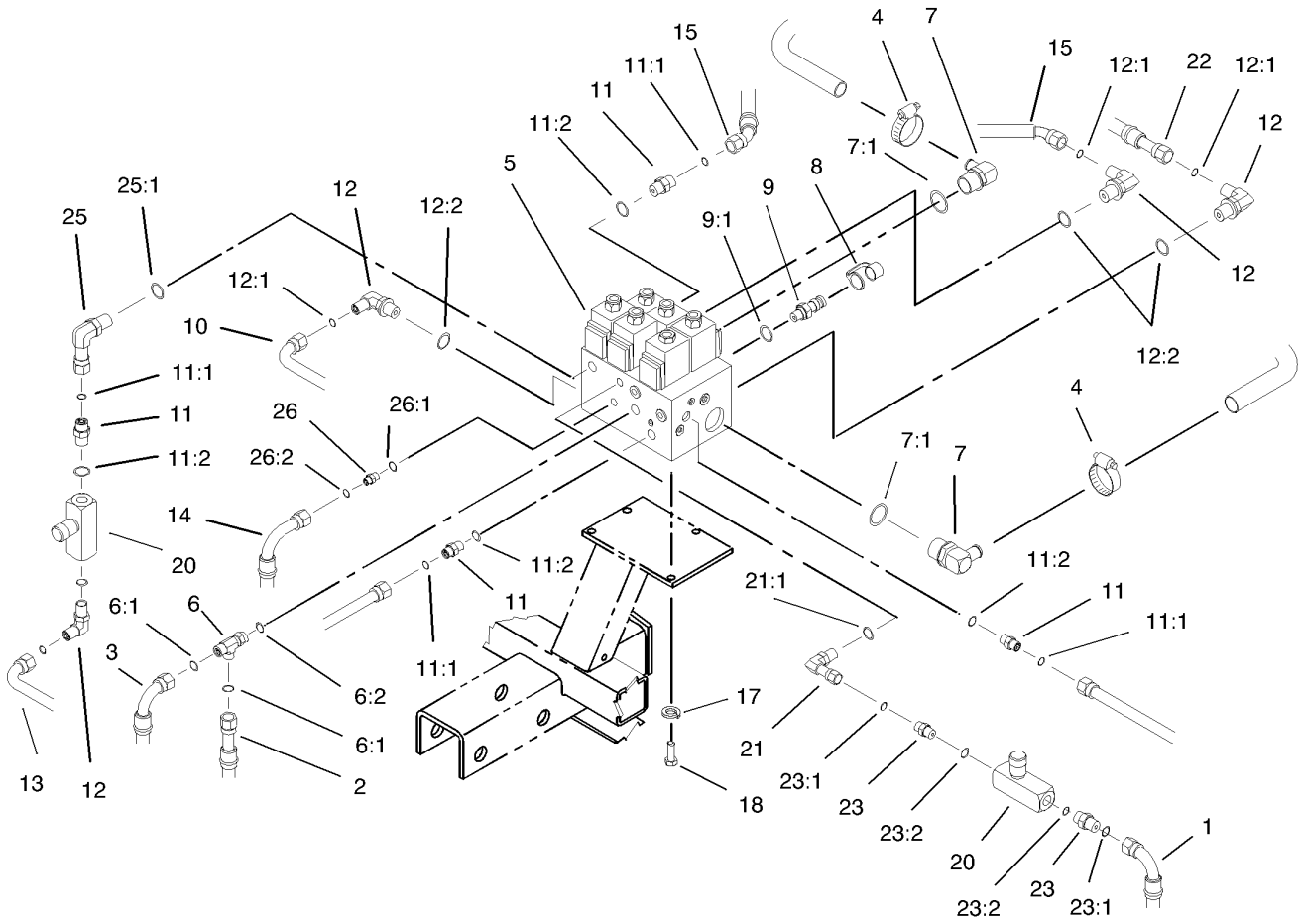
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-6974-03 | 1 | Screen-Front |
| 2 | 3269-10 | 5 | Washer-Back |
| 3 | 66-8800 | 1 | Relay |
| 4 | 70-1480 | 1 | Relay |
| 5 | 240-3 | 2 | Grommet-Rubber |
| 6 | 99-6973-03 | 1 | Shield-Radiator |
| 8 | 93-3623 | 2 | Strip-Sealing, Radiator |
| 9 | 104-0075 | 1 | HYD Hose ASM |
| 10 | 3296-42 | 3 | Nut-Lock, NI |
| 11 | 104-0074 | 1 | HYD Hose ASM |
| 12 | 99-6999 | 2 | Fitting-HYD |
| 12:1 | 237-58 | 1 | O-Ring |
| 13 | 99-6997 | 1 | Cooler-Oil |
| 14 | 93-3624-03 | 2 | Plate-Retaining |
| 15 | 321-4 | 3 | Screw-HH |
| 18 | 24-0760 | 1 | Cooler ASM |
| 19 | 340-124 | 2 | Adapter |
| 19:1 | 237-22 | 1 | O-Ring |
| 20 | 3269-13 | 15 | Rivet-Pop |
| 21 | 100-3815 | 2 | Grommet-Rubber |
| 22 | 93-1374 | 2 | Latch-Swell |




# Hood Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9321 | 1 | Ring-Key |
| 2 | 98-9315 | 1 | Latch-Locking |
| 2:1 | 99-8350 | 2 | Key-Latch, Locking |
| ❷2:2 | | 1 | Washer-Switch |
| ❷2:3 | | 1 | Nut-Switch |
| 3 | 98-9316 | 1 | Latch-Hood |
| 4 | 3296-16 | 4 | Nut-Lock, NI |
| 5 | 65-5100 | 2 | Handle-Door |
| 6 | 46-8091 | 4 | Screw-HWH |
| 7 | 104-1412 | 2 | Bumper - Rubber |
| 8 | 104-9320 | 1 | Hood ASM |
| 9 | 93-7252 | 1 | Decal |
| 10 | 321-4 | 4 | Screw-HH |
| 11 | 3256-1 | 4 | Washer-Flat |
| 12 | 104-1419 | 1 | Strip-Bulb |
| 13 | 3272-4 | 2 | Pin-Cotter |
| 14 | 3256-23 | 2 | Washer-Flat |
| 15 | 75-0570 | 2 | Cable-Hood |
| 16 | 104-0010 | 2 | Latch-Draw, Flexible |
| 16:1 | 104-0011 | 1 | Handle-Latch |
| 16:2 | 104-0012 | 1 | Keeper-Latch |
| 17 | 106-7063 | 2 | Decal |
| 18 | 104-9328-03 | 1 | Frame-Hood |
| 19 | 104-1417 | 10 | Rivet-Plastic |

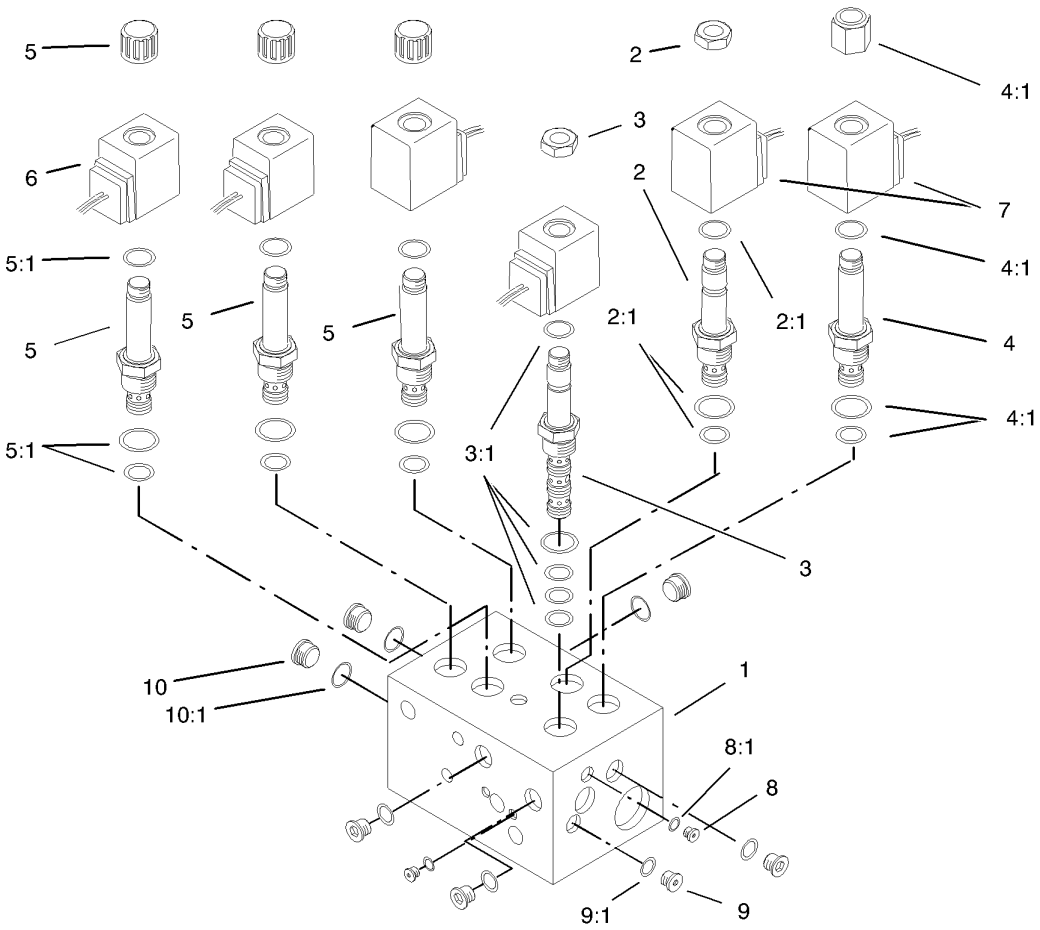
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 20 | 66-6140 | 2 | Decal |
| 21 | 104-1453 | 1 | Grommet |
| 22 | 104-0042-03 | 1 | Strap-Hinge |
| 23 | 104-0043-03 | 1 | Screen-Rear |
| 24 | 3229-3 | 4 | Screw-CARR |
| 25 | 32128-33 | 4 | Nut-HF |
| 26 | 104-1429 | 2 | Spacer-Plastic |
| 27 | 3296-12 | 2 | Nut-Lock |
| 28 | 3256-51 | 2 | Washer-Flat |
| 29 | 104-1452 | 2 | Screw-PPH |
| 30 | 104-1451 | 4 | Screw-Tap, PPH |
| 32 | 321-15 | 2 | Screw-HH |
| 33 | 3218-1 | 2 | Nut-Jam |
| 34 | 3256-16 | 4 | Washer-Flat |
| 35 | 104-1439 | 1 | Plate-Latch |
| 36 | 94-3829 | 2 | Pin-Clevis |
| 37 | 3290-250 | 2 | Pin-Hair |
| 38 | 3296-56 | 2 | Nut-Lock, NI |




# Lift Block Assembly

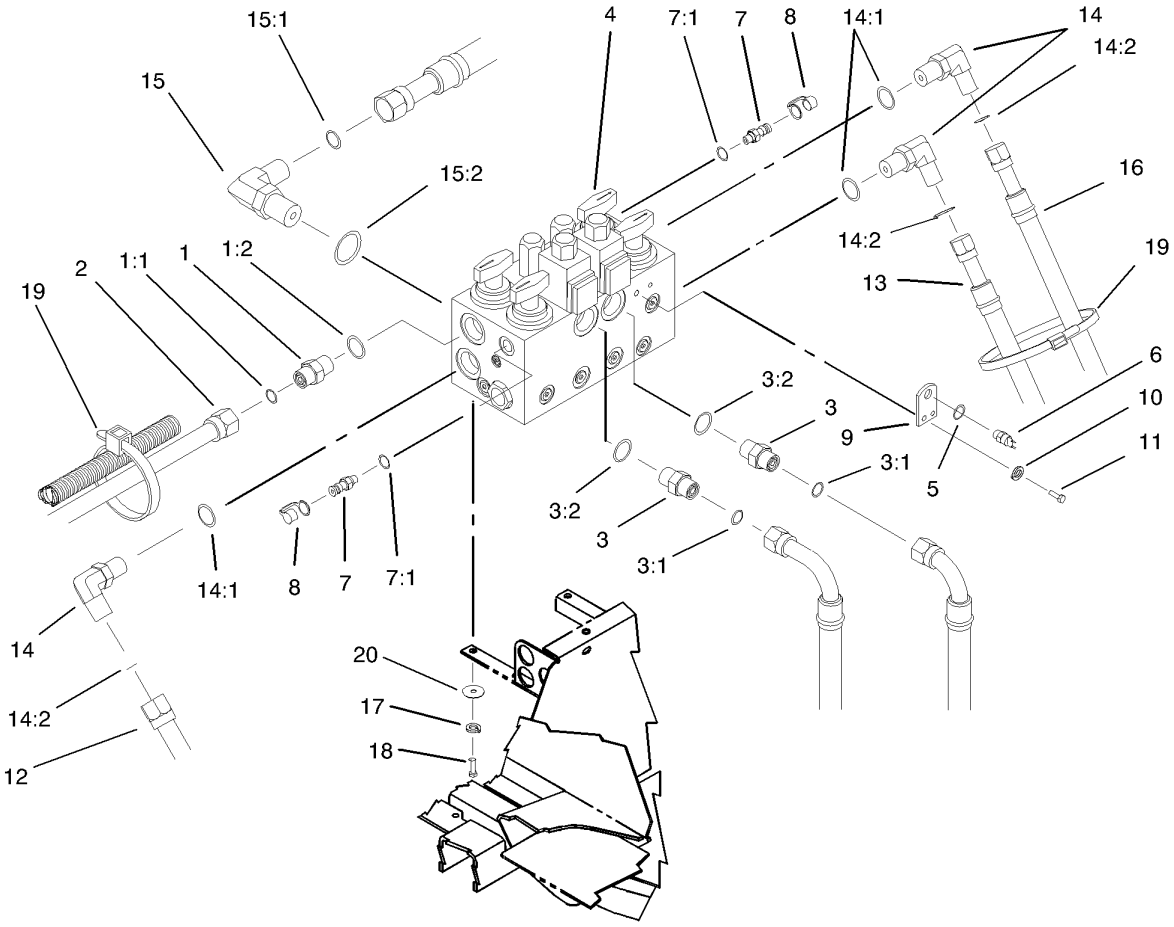
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-0061 | 1 | HYD Hose ASM |
| 2 | 104-0060 | 1 | HYD Hose ASM |
| 3 | 104-0059 | 1 | HYD Hose ASM |
| 4 | 2412-34 | 2 | Clamp-Hose |
| 5 | 104-9335 | 1 | Manifold-Block, Lift |
| 6 | 340-86 | 1 | Fitting-Hyd, Tee |
| 6:1 | 237-22 | 2 | O-Ring |
| 6:2 | 237-42 | 1 | O-Ring |
| 7 | 23-8910 | 2 | Stem-Barb, 90 DEG |
| 7:1 | 237-146 | 1 | O-Ring |
| 8 | 354-79 | 1 | Cap-Dust |
| 9 | 59-7410 | 1 | Tip-Nipple, Diagonal |
| 9:1 | 237-42 | 1 | O-Ring |
| 10 | 98-3907 | 1 | Tube ASM |
| 11 | 340-2 | 4 | Fitting-Hyd, Straight |
| 11:1 | 237-22 | 1 | O-Ring |
| 11:2 | 237-42 | 1 | O-Ring |
| 12 | 340-77 | 4 | Fitting-Hyd, 90 DEG |
| 12:1 | 237-22 | 1 | O-Ring |
| 12:2 | 237-42 | 1 | O-Ring |
| 13 | 104-0093 | 1 | Tube ASM |
| 14 | 104-0062 | 1 | HYD Hose ASM |
| 15 | 104-0055 | 2 | HYD Hose ASM |
| 17 | 3253-4 | 3 | Washer-Lock |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 322-3 | 3 | Screw-HH |
| 20 | 98-9742 | 2 | Valve-Control, Flow |
| 21 | 340-143 | 1 | Elbow-Swivel, 90 DEG |
| 21:1 | 237-78 | 1 | O-Ring |
| 22 | 104-0054 | 1 | HYD Hose ASM |
| 23 | 340-1 | 2 | Adapter |
| 23:1 | 237-21 | 1 | O-Ring |
| 23:2 | 237-42 | 1 | O-Ring |
| 25 | 340-110 | 1 | Fitting-Swivel, 90 DEG |
| 25:1 | 237-42 | 1 | O-Ring |
| 26 | 340-92 | 1 | Fitting-Hyd, Straight |
| 26:1 | 237-78 | 1 | O-Ring |
| 26:2 | 237-21 | 1 | O-Ring |




# Lift Block Assembly No. 104-9335

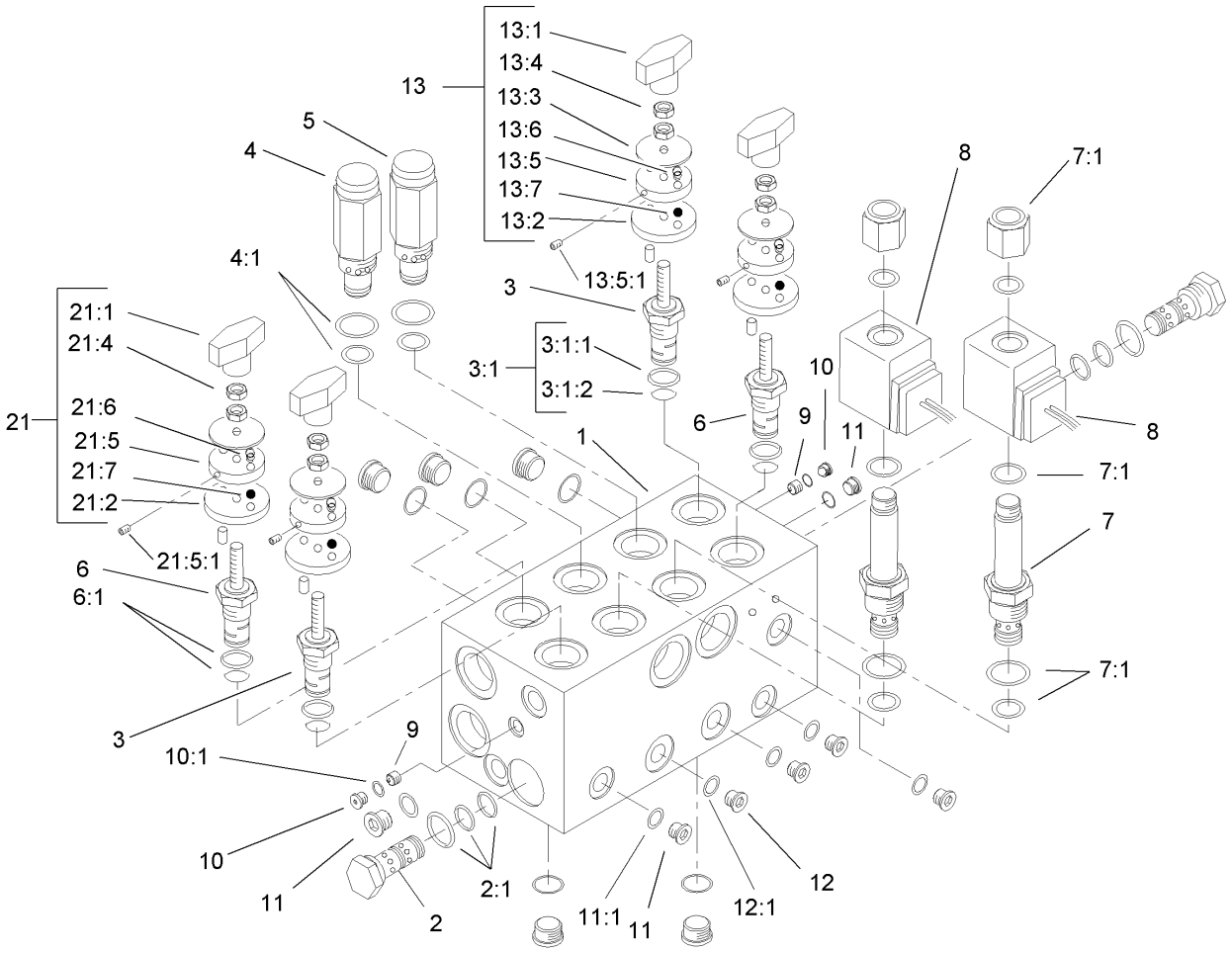
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Body-Manifold |
| 2 | 92-6315 | 1 | Cartridge-N.c., Poppet |
| 2:1 | 104-0004 | 1 | Cartridge Seal Kit |
| 3 | 94-2627 | 1 | Cartridge |
| 3:1 | 95-5642 | 1 | Seal Kit |
| 4 | 93-7494 | 1 | Cartridge |
| 4:1 | 75-2080 | 1 | Seal Kit |
| 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 |




# Mow Block Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 340-6 | 1 | Fitting-Hyd, Straight |
| 1:1 | 237-30 | 1 | O-Ring |
| 1:2 | 237-80 | 1 | O-Ring |
| 2 | 98-3905 | 1 | Tube ASM |
| 3 | 340-7 | 2 | Adapter |
| 3:1 | 237-65 | 1 | O-Ring |
| 3:2 | 237-80 | 1 | O-Ring |
| 4 | 99-6978 | 1 | Block-Manifold, Mow |
| 5 | 3256-76 | 2 | Washer-Flat |
| 6 | 72-4320 | 2 | Switch-Ball, N.o. |
| 7 | 354-77 | 2 | Fitting-Quick |
| 7:1 | 237-78 | 1 | O-Ring |
| 8 | 354-79 | 2 | Cap-Dust |
| 9 | 98-8199 | 2 | Bracket-Switch |
| 10 | 3253-3 | 4 | Washer-Lock |
| 11 | 329-3 | 4 | Screw-HH |
| 12 | 98-3906 | 1 | Tube ASM |
| 13 | 104-0065 | 1 | HYD Hose ASM |
| 14 | 340-105 | 3 | Fitting-Hyd, 90 DEG |
| 14:1 | 237-80 | 1 | O-Ring |
| 14:2 | 237-30 | 1 | O-Ring |
| 15 | 340-142 | 1 | Fitting-Hyd, 90 DEG |
| 15:1 | 237-58 | 1 | O-Ring |
| 15:2 | 237-81 | 1 | O-Ring |

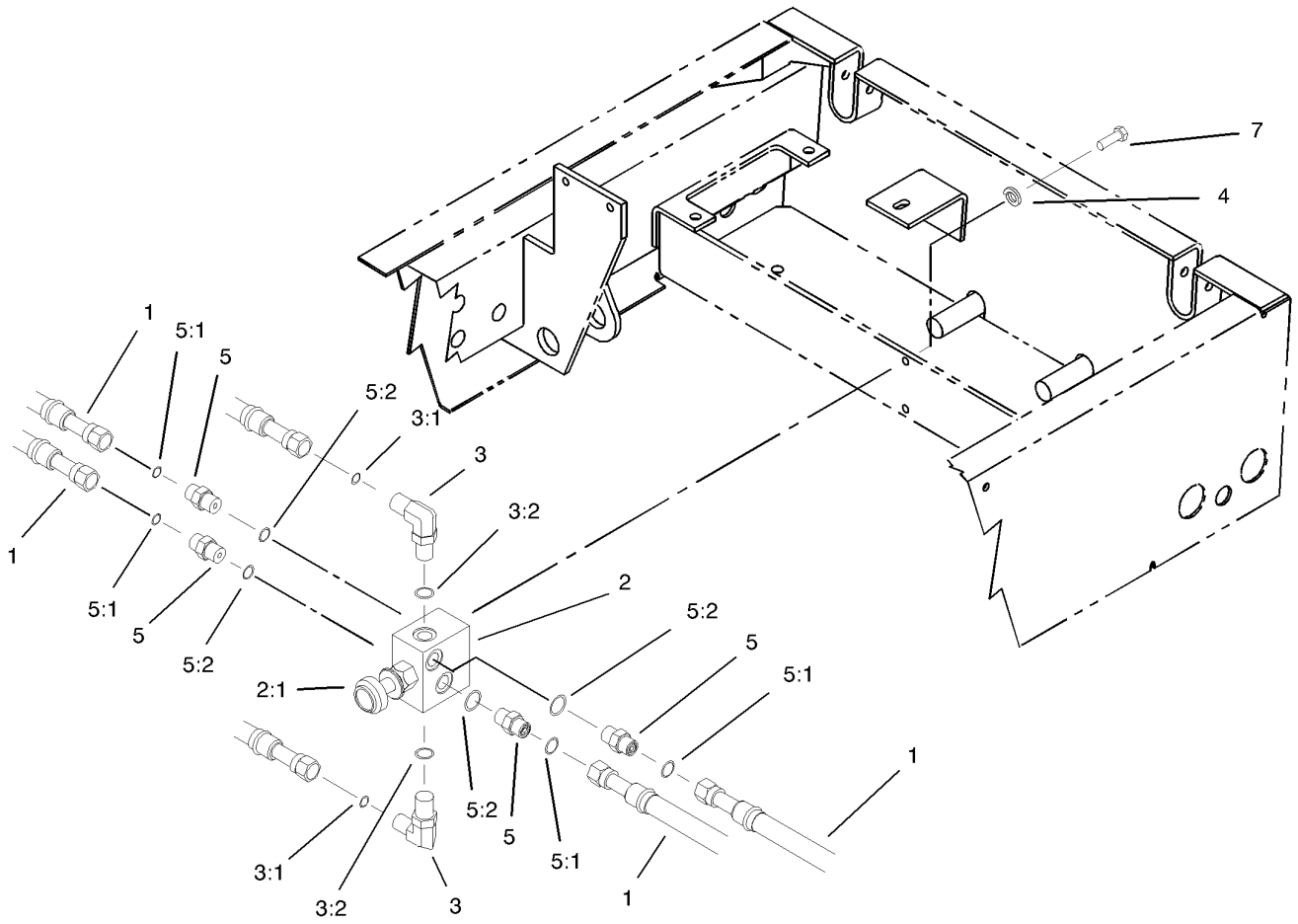
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 16 | 104-0066 | 1 | HYD Hose ASM |
| 17 | 3253-4 | 4 | Washer-Lock |
| 18 | 322-3 | 4 | Screw-HH |
| 19 | 3290-378 | 2 | Tie-Cable |
| 20 | 3256-23 | 4 | Washer-Flat |




# Mow Block Assembly No. 99-6978

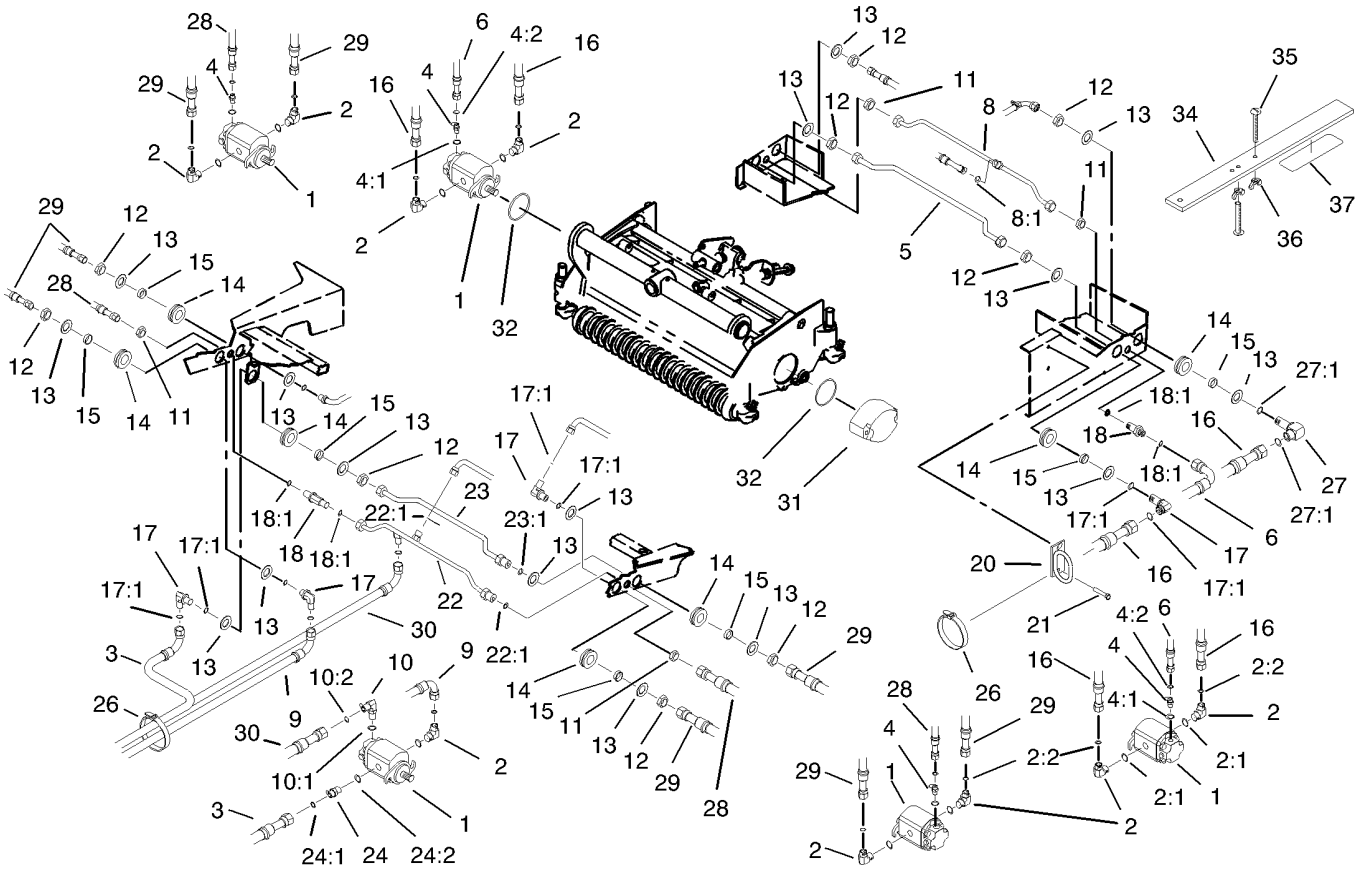
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Body-Manifold |
| 2 | 69-4120 | 2 | Cartridge-Logic |
| 2:1 | 69-4240 | 1 | Seal Kit |
| 3 | 94-8175 | 2 | Control-Flow, Rotary |
| 3:1 | 95-5645 | 1 | Seal Kit |
| ❷3:1:1 | | 1 | O-Ring |
| ❷3:1:2 | | 1 | O-Ring |
| 4 | 94-3655 | 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 | 106-1091 | 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 |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 13:2 | 94-5025 | 1 | Plate-Locating |
| 13:3 | 94-5026 | 1 | Plate-Indicator |
| 13:4 | 3218-1 | 2 | Nut-Jam |
| 13:5 | 94-5023 | 1 | Plate-Detent |
| 13:5:1 | 3245-36 | 1 | Screw-HSH |
| 13:6 | 94-5027 | 2 | Spring |
| 13:7 | 255-13 | 2 | Ball-Steel, Stainless |
| 21 | 94-6378 | 2 | 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-HSH |
| 21:6 | 94-5027 | 2 | Spring |
| 21:7 | 255-13 | 2 | Ball-Steel, Stainless |




# Rear Hydraulic Manifold Assembly

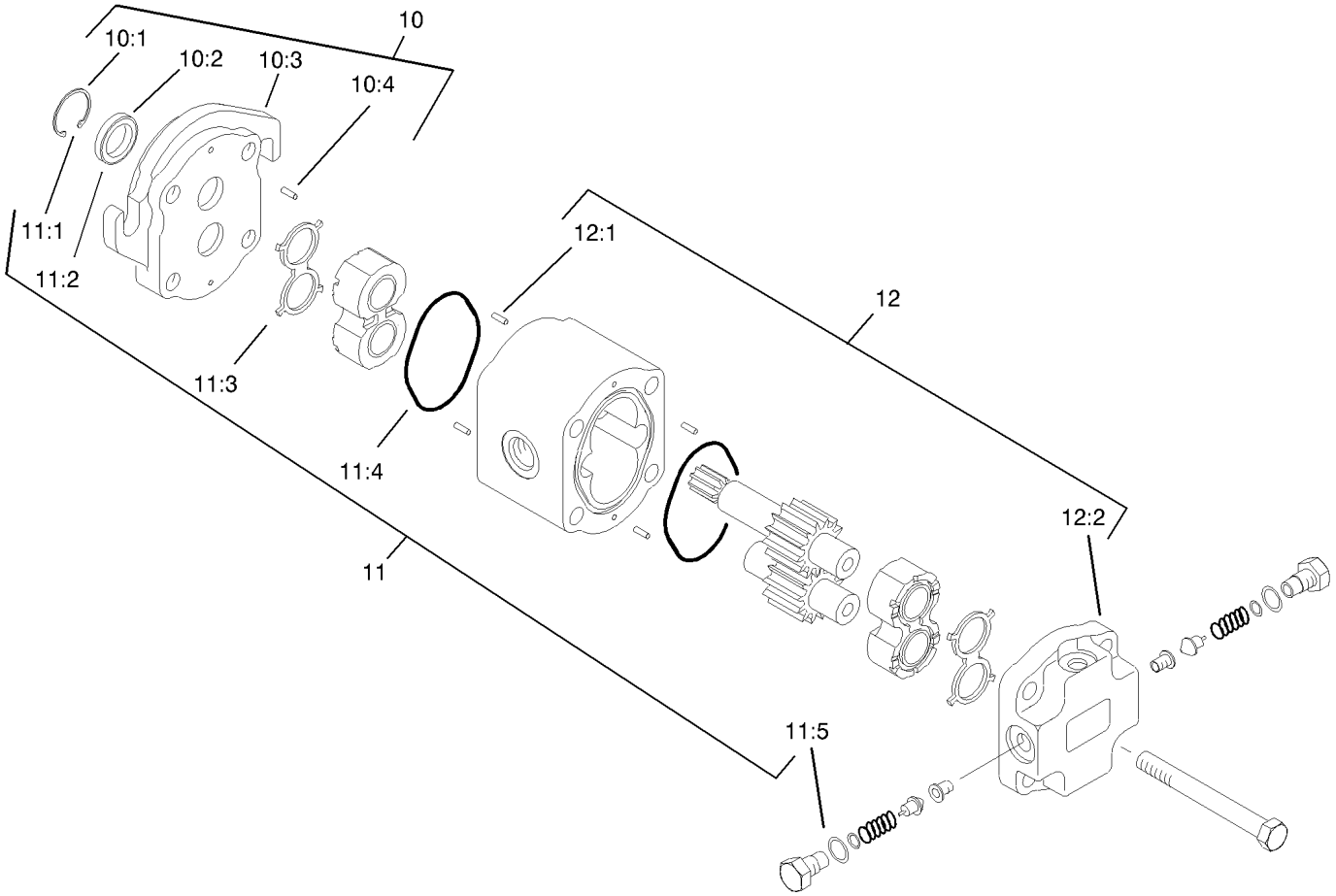
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-0052 | 4 | HYD Hose ASM |
| 2 | 104-9250 | 1 | Control-Flow |
| 2:1 | 107-1800 | 1 | Cartridge Kit |
| ❶2:1:1 | 105-3334 | 1 | Seal Kit |
| ❶2:1:2 | 105-7514 | 1 | Cartridge Knob Kit |
| 3 | 340-77 | 2 | Fitting-Hyd, 90 DEG |
| 3:1 | 237-22 | 1 | O-Ring |
| 3:2 | 237-42 | 1 | O-Ring |
| 4 | 3253-3 | 2 | Washer-Lock |
| 5 | 340-2 | 4 | Fitting-Hyd, Straight |
| 5:1 | 237-22 | 1 | O-Ring |
| 5:2 | 237-42 | 1 | O-Ring |
| 7 | 321-4 | 2 | Screw-HH |



# Reel Motor and Hose Assembly

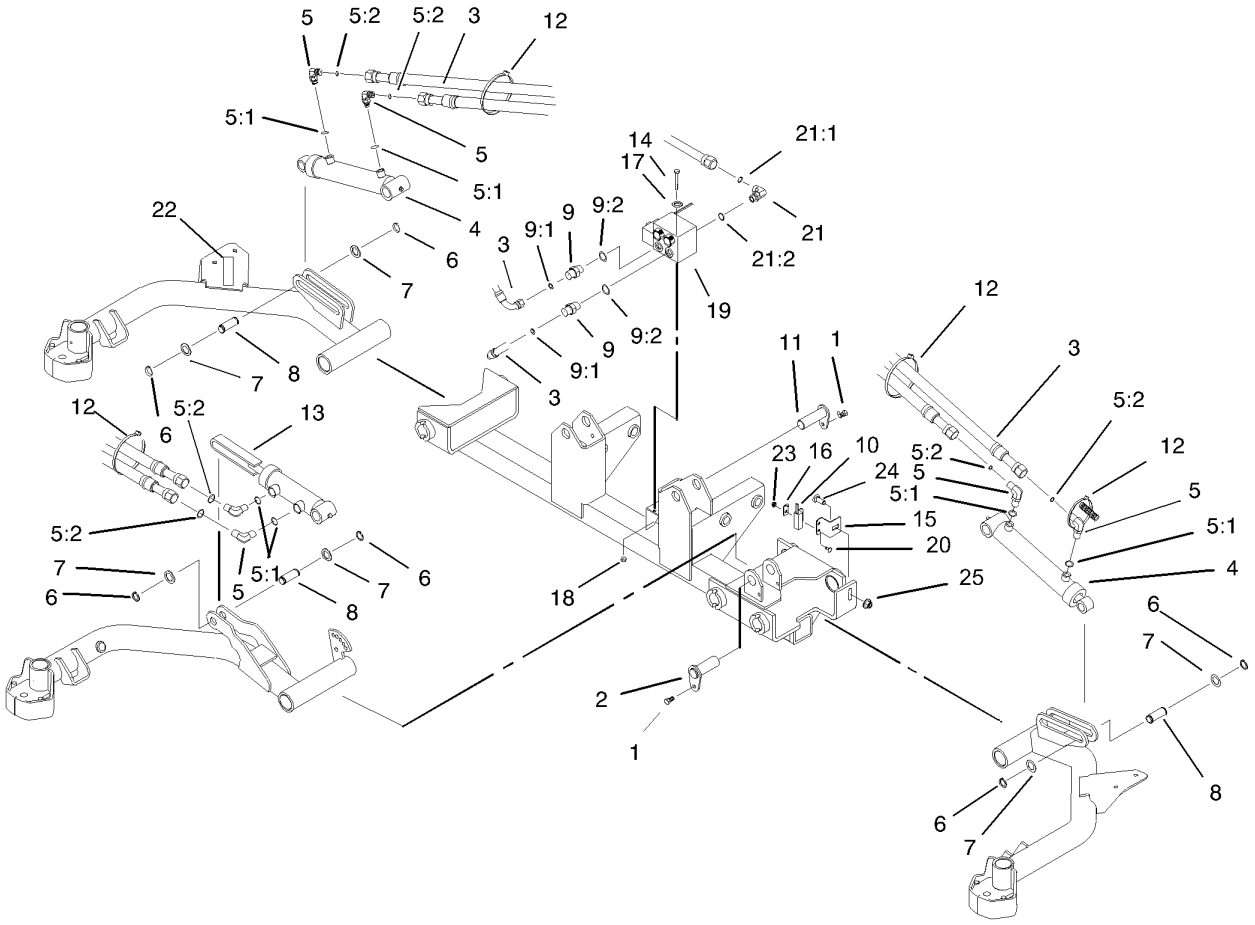
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9999 | 5 | HYD Motor ASM |
| 2 | 340-98 | 9 | Fitting-Hyd, 90 DEG |
| 2:1 | 237-79 | 1 | O-Ring |
| 2:2 | 237-30 | 1 | O-Ring |
| 3 | 104-0067 | 1 | HYD Hose ASM |
| 4 | 340-92 | 4 | Fitting-Hyd, Straight |
| 4:1 | 237-78 | 1 | O-Ring |
| 4:2 | 237-21 | 1 | O-Ring |
| 5 | 94-4918 | 1 | Tube ASM |
| 6 | 104-0058 | 2 | HYD Hose ASM |
| 8 | 100-3714 | 1 | Drain Tube ASM |
| 8:1 | 237-21 | 1 | O-Ring |
| 9 | 104-0068 | 1 | Hydraulic Hose ASM |
| 10 | 340-132 | 1 | Fitting-Hyd, 90 DEG |
| 10:1 | 237-78 | 1 | O-Ring |
| 10:2 | 237-21 | 1 | O-Ring |
| 11 | 340-70 | 4 | Nut-Lock |
| 12 | 340-127 | 9 | Nut-Bulkhead |
| 13 | 69-8930 | 18 | Washer |
| 14 | 240-5 | 9 | Grommet |
| 15 | 69-8960 | 9 | Spacer |
| 16 | 104-0057 | 4 | HYD Hose ASM |
| 17 | 93-9151 | 5 | Fitting-HYD |
| 17:1 | 237-30 | 2 | O-Ring |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 340-71 | 3 | Fitting-Straight, Bulkhead |
| 18:1 | 237-22 | 2 | O-Ring |
| 20 | 104-0028 | 2 | Guide-Hose |
| 21 | 32104-32 | 4 | Screw-HH |
| 22 | 104-0094 | 1 | Tube ASM |
| 22:1 | 237-22 | 3 | O-Ring |
| 23 | 104-0092 | 1 | Tube ASM |
| 23:1 | 237-30 | 1 | O-Ring |
| 24 | 340-4 | 1 | Fitting-Hyd, Sraight |
| 24:1 | 237-30 | 1 | O-Ring |
| 24:2 | 237-79 | 1 | O-Ring |
| 26 | 3290-379 | 10 | Tie-Cable |
| 27 | 100-3713 | 2 | Fitting-Hyd, 90 DEG |
| 27:1 | 237-30 | 2 | O-Ring |
| 28 | 104-0063 | 2 | HYD Hose ASM |
| 29 | 104-0069 | 4 | HYD Hose ASM |
| 30 | 104-0064 | 1 | HYD Hose ASM |
| 31 | 105-4011-03 | 5 | Weight-End |
| 32 | 93-9783 | 10 | O-Ring |
| 34 | 98-1851 | 1 | Bar-Gauge |
| 35 | 32122-54 | 2 | Screw-Head, Truss |
| 36 | 32103-3 | 2 | Nut-Wing |
| 37 | 98-7976 | 1 | Decal-Bar, Gauge |




# Reel Moter Assembly No. 98-9999

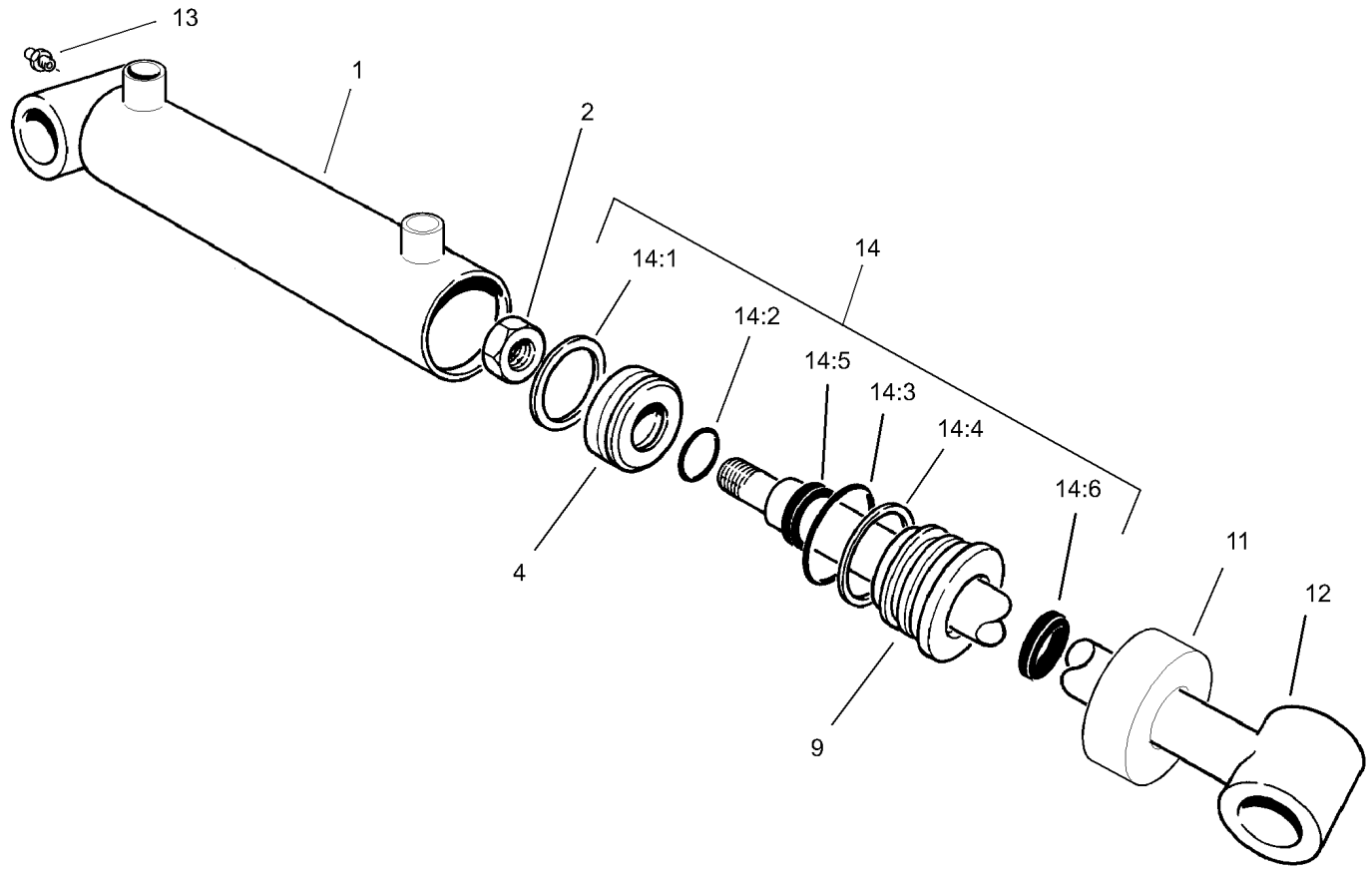
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 10 | 93-9152 | 1 | Flange Kit |
| ❷10:1 | | 1 | Ring-Retaining |
| ❷10:2 | | 1 | Seal-Shaft |
| ❷10:3 | | 1 | Flange |
| ❷10:4 | | 4 | Pin-Dowel |
| 11 | 98-9997 | 1 | Seal Kit |
| ❷11:1 | | 1 | Ring-Retaining |
| ❷11:2 | | 1 | Seal-Shaft |
| 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 |




# Front Lift Circuit Assembly

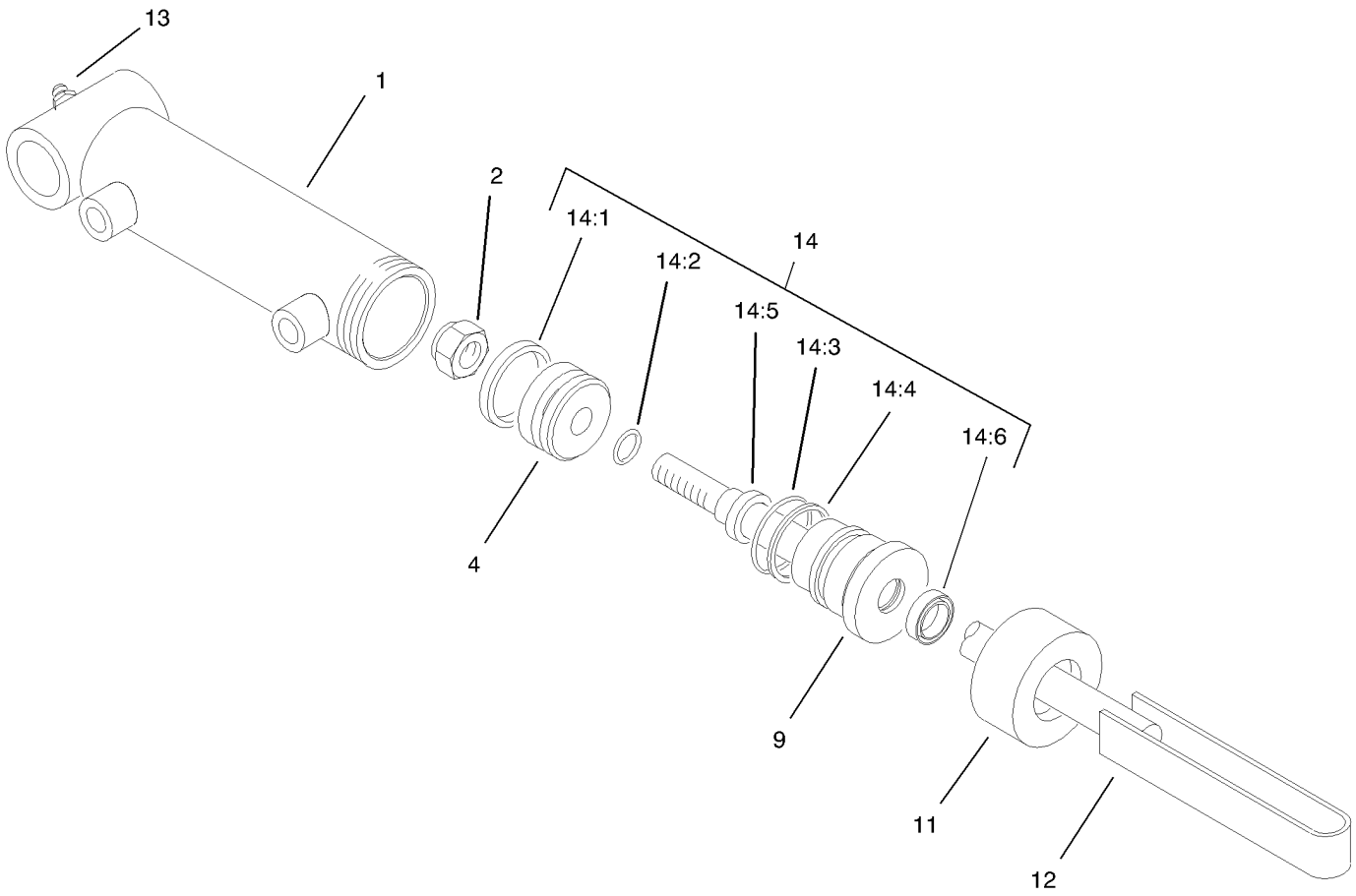
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32144-14 | 3 | Screw-HWH |
| 2 | 106-9208 | 1 | Short Cylinder Pin ASM |
| 3 | 104-0059 | 2 | HYD Hose ASM |
| 4 | 99-6986 | 2 | Cylinder-HYD |
| 5 | 340-132 | 6 | Fitting-Hyd, 90 DEG |
| 5:1 | 237-78 | 1 | O-Ring |
| 5:2 | 237-21 | 1 | O-Ring |
| 6 | 32120-93 | 6 | Ring-Retaining |
| 7 | 3-6498 | 6 | Washer-Thrust |
| 8 | 104-0046 | 3 | Pin-Slide, Cylinder |
| 9 | 340-2 | 2 | Fitting-Hyd, Straight |
| 9:1 | 237-22 | 1 | O-Ring |
| 9:2 | 237-42 | 1 | O-Ring |
| 10 | 100-1270 | 1 | Switch-Proximity |
| 11 | 105-9889 | 2 | Cylinder Pin ASM |
| 12 | 3290-378 | 2 | Tie-Cable |
| 13 | 99-6987 | 1 | Cylinder-HYD |
| 14 | 321-23 | 2 | Screw-HH |
| 15 | 106-5954 | 1 | Bracket-Switch |
| 16 | 100-4872 | 1 | Plate-Switch, Neutral |
| 17 | 3256-1 | 2 | Washer-Flat |
| 18 | 3296-42 | 2 | Nut-Lock, NI |
| 19 | 105-3303 | 1 | Flow Divider Valve ASM |
| 20 | 104-1450 | 1 | Bolt-CARR |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 21 | 340-77 | 1 | Fitting-Hyd, 90 DEG |
| 21:1 | 237-22 | 1 | O-Ring |
| 21:2 | 237-42 | 1 | O-Ring |
| 22 | 93-6687 | 1 | Decal-No Step |
| 23 | 32149-7 | 1 | Nut-Keps |
| 24 | 3231-22 | 1 | Screw-CARR |
| 25 | 32128-43 | 1 | Nut-Flange |



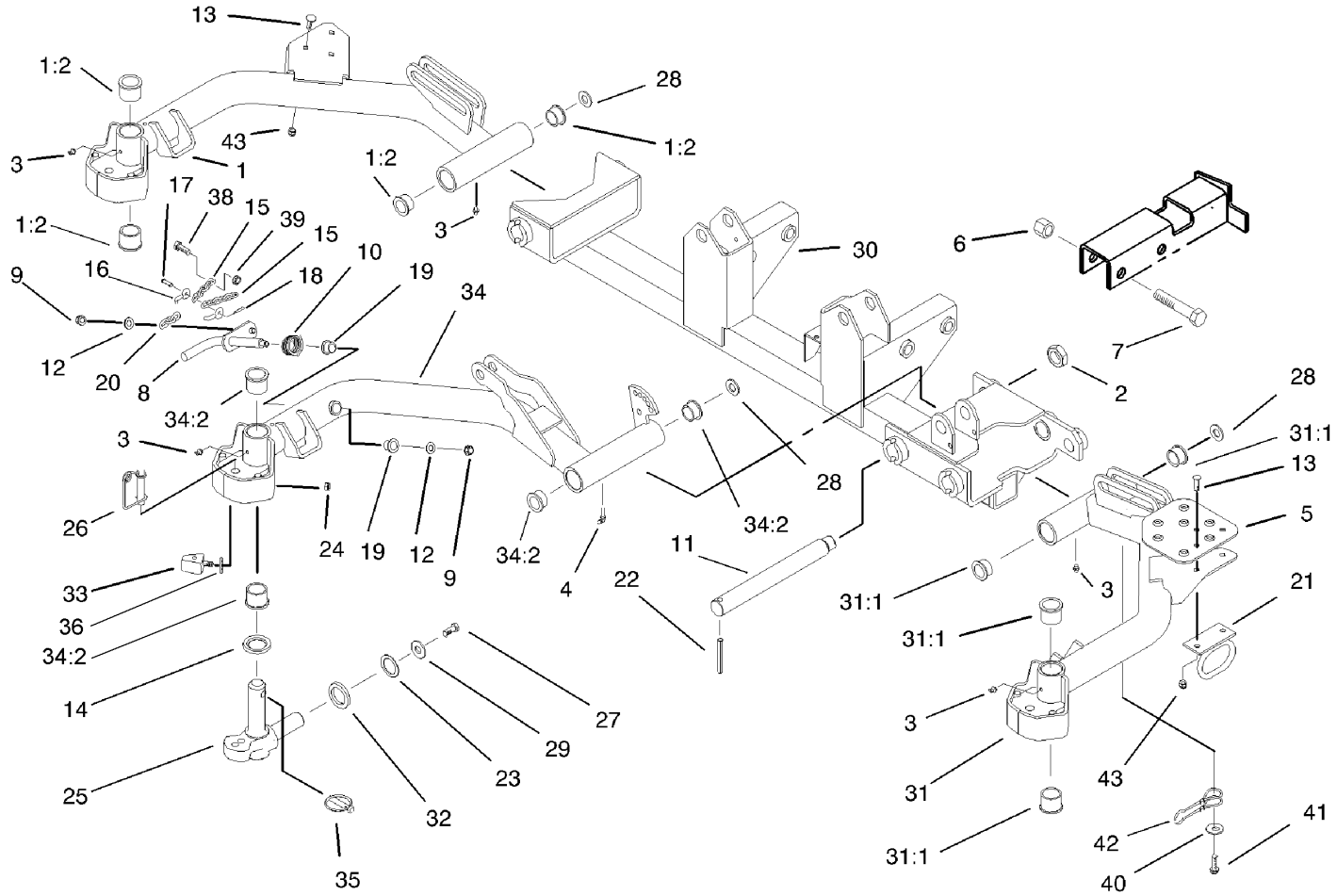

# Hydraulic Cylinder Assembly No. 99-6986

| 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 |




# Hydraulic Cylinder Assembly No. 99-6987

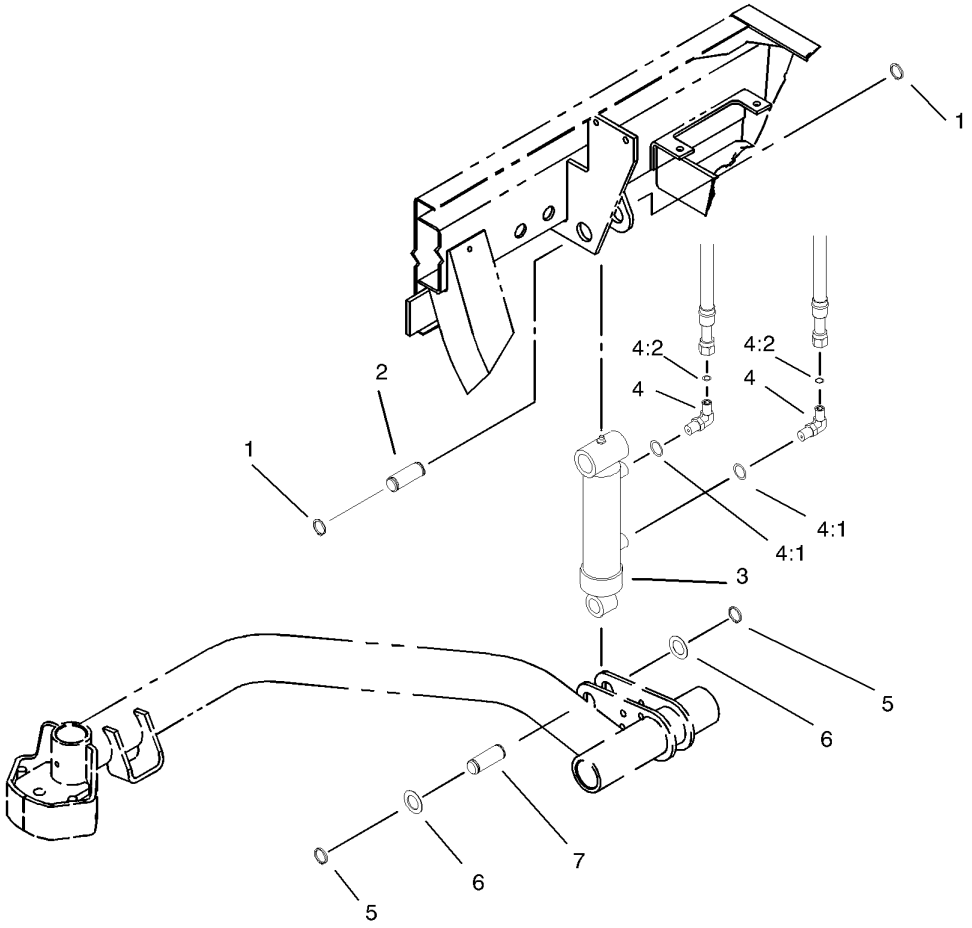
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Barrel |
| 2 | 32152-10 | 1 | Locknut |
| ❷4 | | 1 | Piston |
| ❷9 | | 1 | Head |
| ❷11 | | 1 | Collar |
| ❷12 | | 1 | Shaft W/clevis |
| ❷13 | | 1 | Fitting-Grease |
| 14 | 100-8023 | 1 | Seal Repair Kit |
| ❷14:1 | | 1 | Seal-Psp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




# Front Lift Arm Assembly

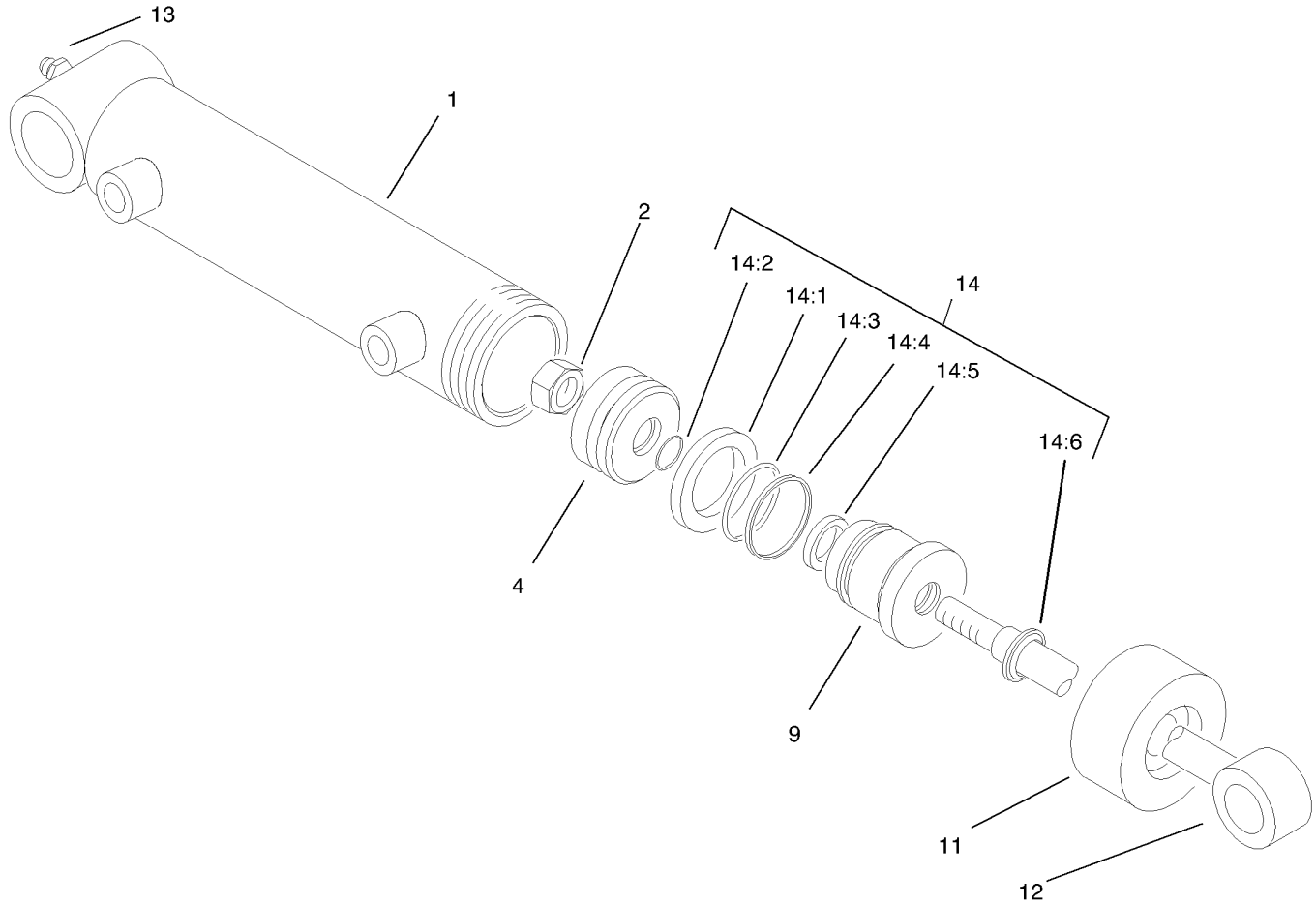
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-6905-03 | 1 | Arm ASM #5 |
| 1:2 | 104-0015 | 2 | Bushing-Flange |
| 2 | 3296-49 | 3 | Nut-Lock, NI |
| 3 | 302-5 | 5 | Fitting-Grease |
| 4 | 302-60 | 1 | Fitting-Grease |
| 5 | 104-1438-03 | 1 | Step-Perforated |
| 6 | 3296-51 | 4 | Nut-Lock, NI |
| 7 | 328-7 | 4 | Screw-HH |
| 8 | 99-6941-03 | 1 | Pivot Rod ASM |
| 9 | 3296-39 | 2 | Nut-Lock, NI |
| 10 | 98-3929 | 1 | Spring-Torsion |
| 11 | 95-7158 | 3 | Pin-Pivot |
| 12 | 3256-24 | 2 | Washer-Flat |
| 13 | 3230-1 | 5 | Bolt-CARR |
| 14 | 94-8946 | 3 | Washer-Thrust |
| 15 | 5-1096 | 2 | Chain-Lift |
| 16 | 282-4 | 1 | Shackle |
| 17 | 283-6 | 1 | Pin-Clevis |
| 18 | 3272-10 | 1 | Pin-Cotter |
| 19 | 256-287 | 2 | Bushing |
| 20 | 104-1413 | 1 | Chain-Link, Straight |
| 21 | 104-0028 | 2 | Guide-Hose |
| 22 | 32121-110 | 3 | Pin-Roll, Slotted |
| 23 | 3-6781 | 3 | Washer-Thrust |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 3296-29 | 6 | Nut-Lock, NI |
| 25 | 98-1880-03 | 3 | Knuckle-Pivot |
| 26 | 99-5610 | 3 | Pin |
| 27 | 98-7993 | 3 | Screw-HHF |
| 28 | 76-2980 | 3 | Washer-Thrust |
| 29 | 3256-6 | 3 | Washer-Flat |
| 30 | 106-5952-03 | 1 | Frame-Carrier, Front |
| 31 | 106-7067-03 | 1 | Liftarm ASM #4 |
| 31:1 | 104-0015 | 2 | Bushing-Flange |
| 32 | 98-7974 | 3 | Washer-Thrust |
| 33 | 106-9004 | 6 | Bumper |
| 34 | 99-6901-03 | 1 | Arm ASM #1 |
| 34:2 | 104-0015 | 2 | Bushing-Flange |
| 35 | 283-71 | 3 | Pin-Lynch |
| 36 | 3255-8 | 6 | Washer-Lock |
| 38 | 323-6 | 1 | Screw-HH |
| 39 | 32128-21 | 1 | Nut-HF |
| 40 | 3256-57 | 2 | Washer-Flat |
| 41 | 32144-26 | 2 | Screw-Flow |
| 42 | 98-3936 | 2 | Lanyard |
| 43 | 3296-47 | 5 | Nut-Lock, NI |



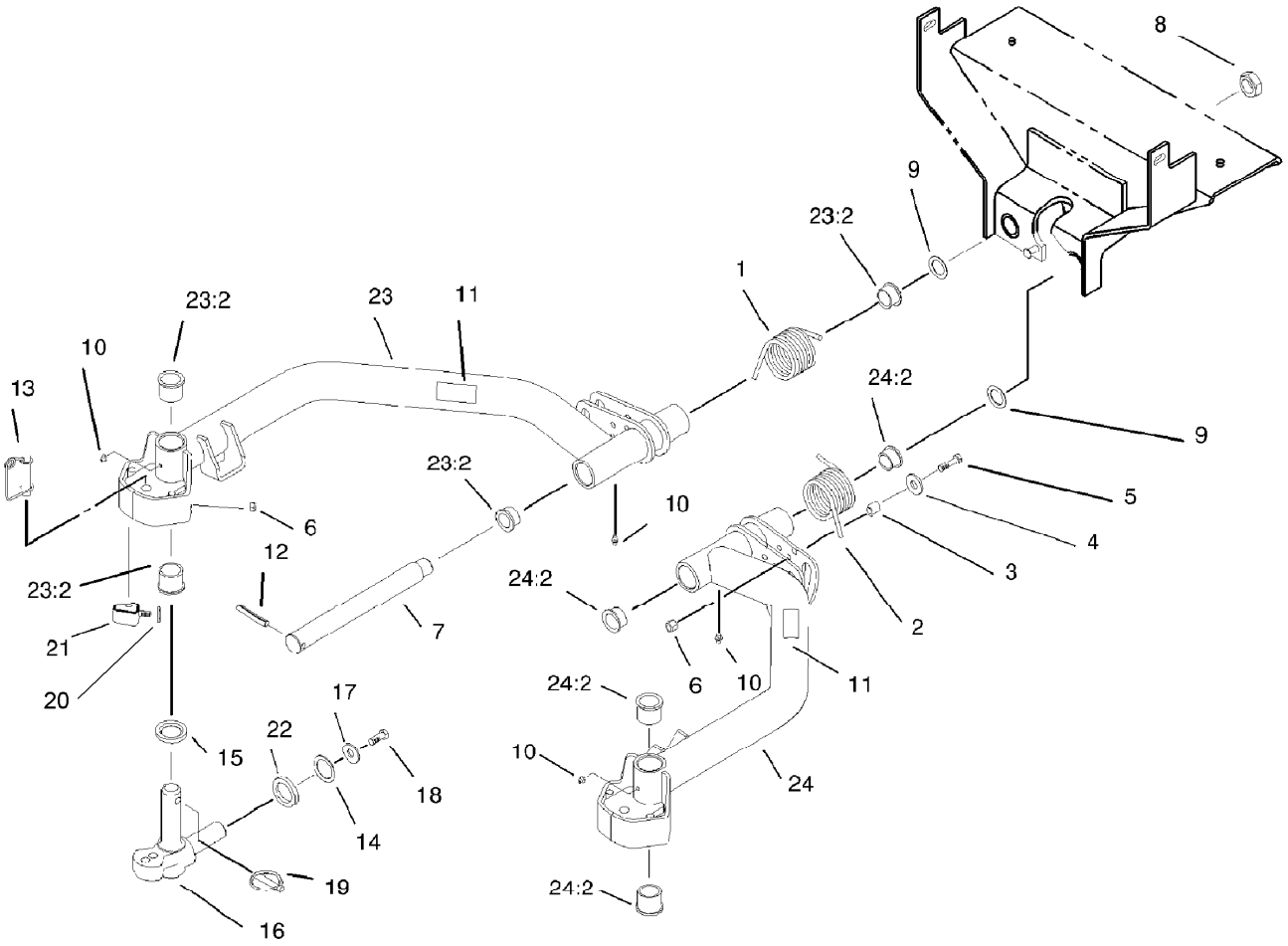

# Rear Lift Cylinder Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32151-36 | 4 | Ring-Retaining |
| 2 | 75-5360 | 2 | Pin-Cylinder |
| 3 | 98-3945 | 2 | Cylinder-Hydraulic |
| 4 | 340-132 | 4 | Fitting-Hyd, 90 DEG |
| 4:1 | 237-78 | 1 | O-Ring |
| 4:2 | 237-21 | 1 | O-Ring |
| 5 | 32120-93 | 4 | Ring-Retaining |
| 6 | 3-6498 | 4 | Washer-Thrust |
| 7 | 104-0046 | 2 | Pin-Slide, Cylinder |




# Hydraulic Cylinder Assembly No. 98-3945

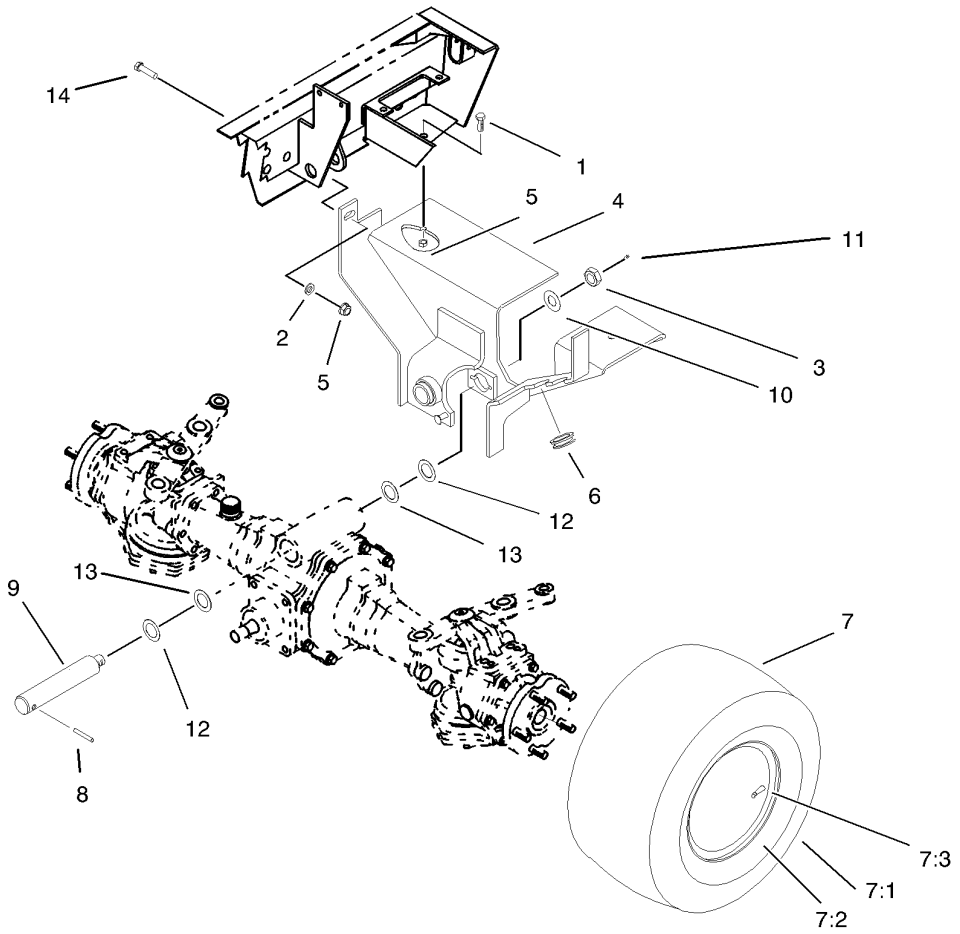
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Barrel |
| 2 | 32152-10 | 1 | Locknut |
| ❷4 | | 1 | Piston |
| ❷9 | | 1 | Head |
| ❷11 | | 1 | Collar |
| ❷12 | | 1 | Shaft W/clevis |
| ❷13 | | 1 | Fitting-Grease |
| 14 | 100-8023 | 1 | Seal Repair Kit |
| ❷14:1 | | 1 | Seal-Psp |
| 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 Lift Arm Assembly

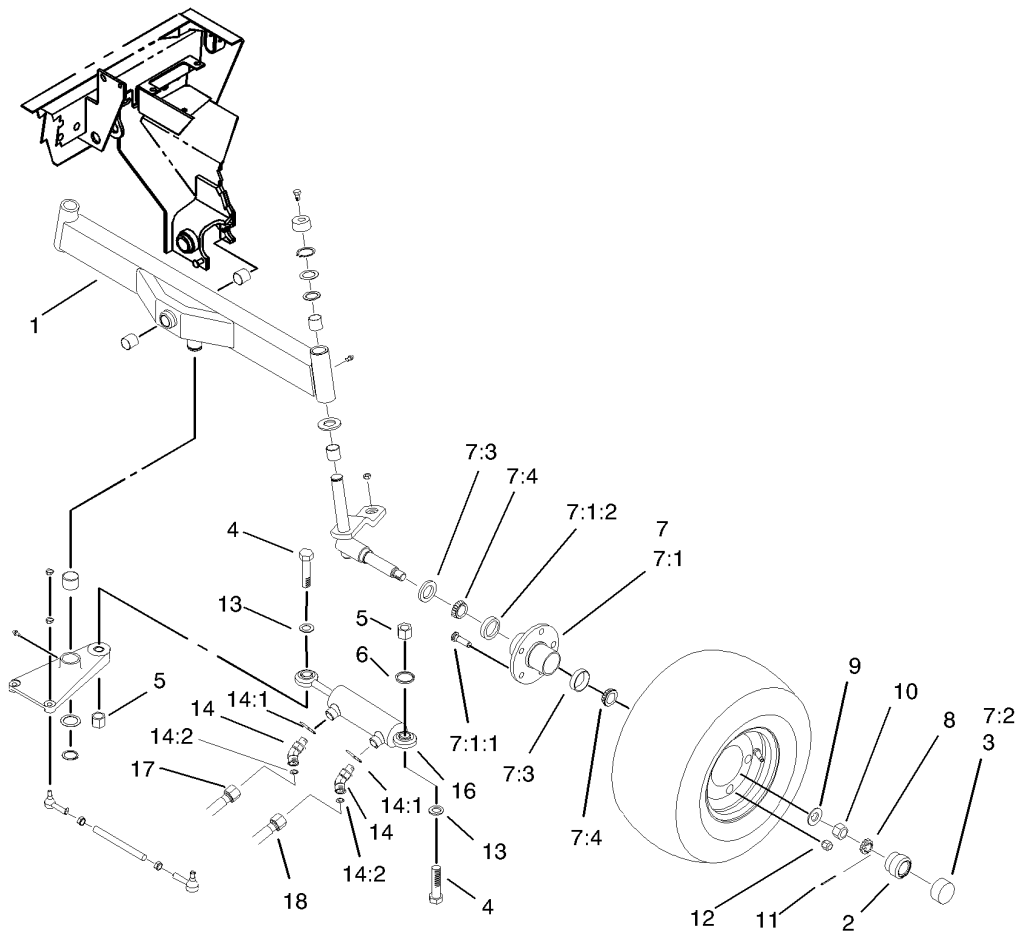
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-5608-03 | 1 | Spring-Torsion, RH |
| 2 | 99-5609-03 | 1 | Spring-Torsion, LH |
| 3 | 82-6840 | 2 | Spacer |
| 4 | 3256-35 | 2 | Washer-Flat |
| 5 | 322-7 | 2 | Screw-HH |
| 6 | 3296-29 | 6 | Nut-Lock, NI |
| 7 | 95-7158 | 2 | Pin-Pivot |
| 8 | 3296-49 | 2 | Nut-Lock, NI |
| 9 | 76-2980 | 2 | Washer-Thrust |
| 10 | 302-5 | 4 | Fitting-Grease |
| 11 | 93-6696 | 2 | Decal-Warning |
| 12 | 32121-110 | 2 | Pin-Roll, Slotted |
| 13 | 99-5610 | 2 | Pin |
| 14 | 3-6781 | 2 | Washer-Thrust |
| 15 | 94-8946 | 2 | Washer-Thrust |
| 16 | 98-1880-03 | 2 | Knuckle-Pivot |
| 17 | 3256-6 | 2 | Washer-Flat |
| 18 | 98-7993 | 2 | Screw-HHF |
| 19 | 283-71 | 2 | Pin-Lynch |
| 20 | 3255-8 | 4 | Washer-Lock |
| 21 | 106-9004 | 4 | Bumper |
| 22 | 98-7974 | 2 | Washer-Thrust |
| 23 | 99-6903-03 | 1 | Arm ASM #3 |
| 23:2 | 104-0015 | 2 | Bushing-Flange |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 24 | 99-6902-03 | 1 | Arm ASM #2 |
| 24:2 | 104-0015 | 2 | Bushing-Flange |




# Rear Axle Support Assembly

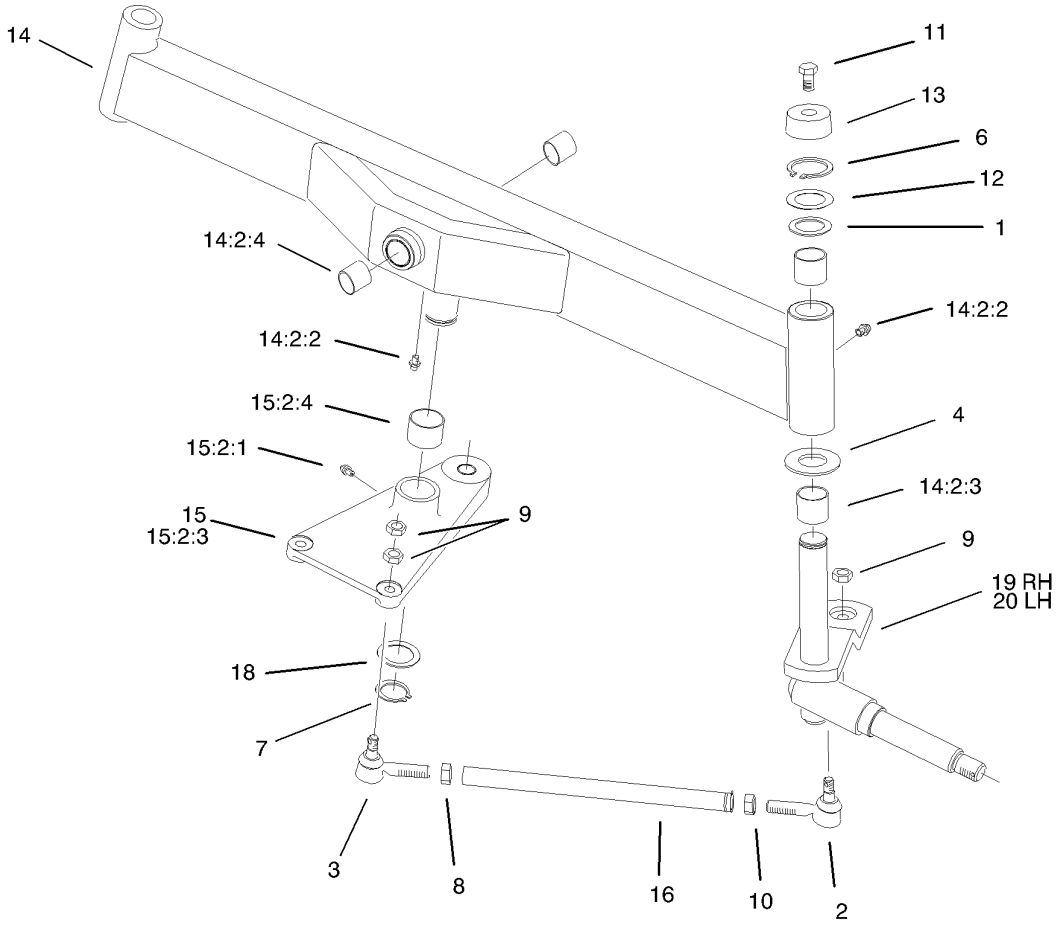
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 323-7 | 2 | Screw-HH |
| 2 | 3256-24 | 2 | Washer-Flat |
| 3 | 32146-20 | 1 | Nut-Jam |
| 4 | 99-6940-03 | 1 | Axle Support ASM |
| 5 | 3296-39 | 4 | Nut-Lock, NI |
| 6 | 237-165 | 2 | Grommet |
| ❷7 | | 2 | Tire & Wheel ASM |
| 7:1 | 86-5910 | 1 | Tire |
| 7:2 | 100-2582 | 1 | Rim |
| 7:3 | 232-27 | 1 | Stem-Valve |
| 8 | 32121-32 | 1 | Pin-Roll |
| 9 | 98-8173-03 | 1 | Pin-Pivot, Axle |
| 10 | 71-4540 | 1 | Washer-Thrust |
| 11 | 302-2 | 1 | Fitting-Grease |
| 12 | 99-8431 | 2 | Washer-Thrust |
| 13 | 99-8432 | 2 | Washer-Thrust |
| 14 | 323-13 | 2 | Screw-HH |




# 2 Wheel Drive Rear Axle Assembly

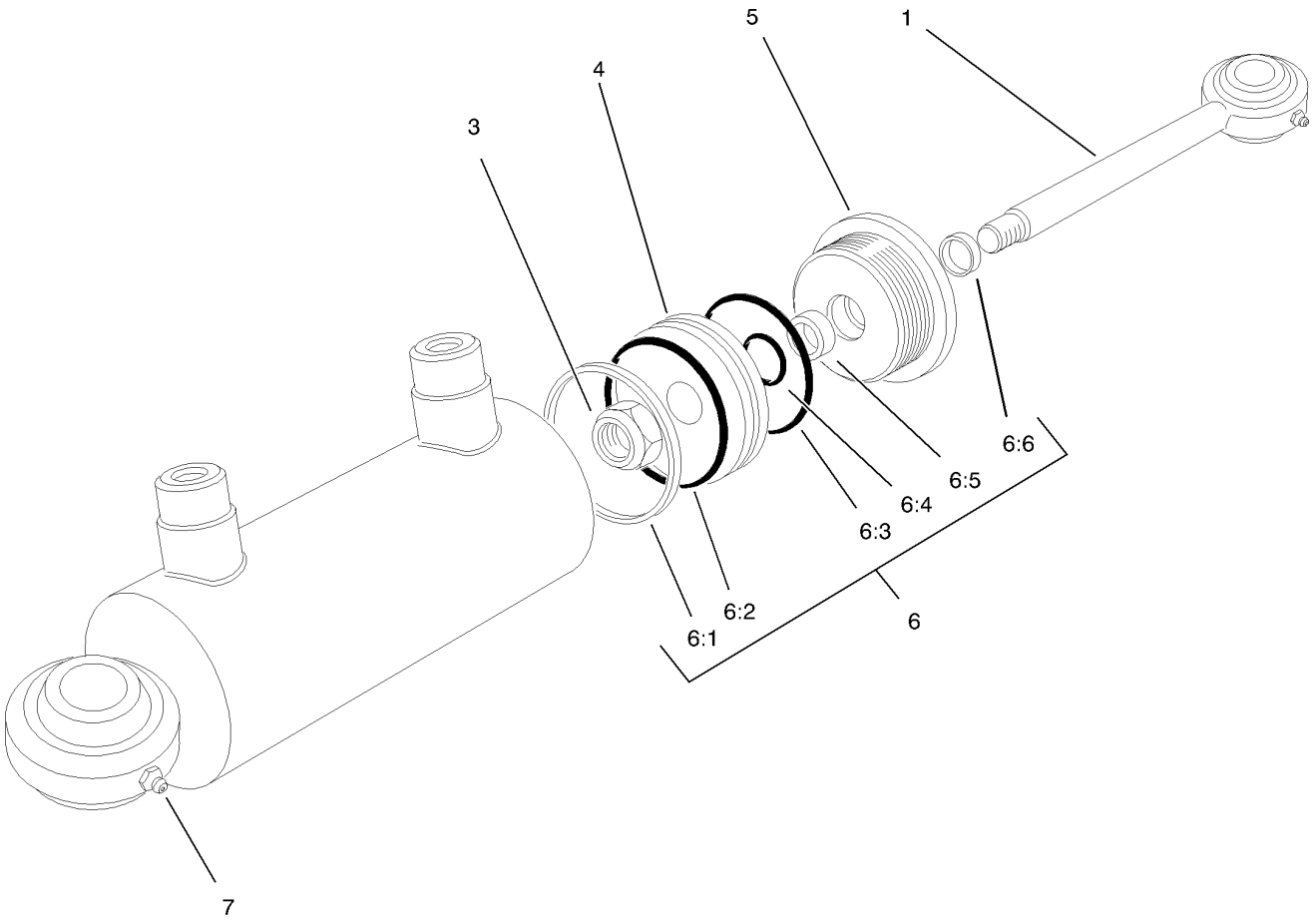
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Rear Axle ASM |
| 2 | 100-3769 | 2 | Protector-Bearing |
| 3 | 100-3809 | 2 | Cap-Protector, Bearing |
| 4 | 328-25 | 2 | Screw-HH |
| 5 | 32153-6 | 2 | Locknut |
| 6 | 67-7250 | 1 | Spacer-Ring |
| ❷7 | | 2 | Hub ASM |
| 7:1 | 21-2820 | 1 | Hub ASM |
| 7:1:1 | 10-6830 | 5 | Stud-Type, Drive |
| 7:1:2 | 254-72 | 2 | Bearing-Cup, Tapered |
| 7:2 | 241-119 | 1 | Cap-Dust |
| 7:3 | 253-129 | 1 | Seal |
| 7:4 | 254-94 | 2 | Bearing-Cone, Taper |
| 8 | 93-0307 | 2 | Nut-Lock, Retainer |
| 9 | 93-0309 | 4 | Washer-Tab |
| 10 | 3220-7 | 2 | Nut-Jam |
| 11 | 3272-13 | 2 | Pin-Cotter |
| 12 | 242-50 | 10 | Nut-Lug |
| 13 | 67-9410 | 2 | Washer |
| 14 | 340-103 | 2 | Fitting-Hyd, 45 DEG |
| 14:1 | 237-78 | 1 | O-Ring |
| 14:2 | 237-21 | 1 | O-Ring |
| 16 | 75-1200 | 1 | Cylinder-HYD |
| 17 | 104-1494 | 1 | HYD Hose ASM |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 18 | 105-9295 | 1 | Hose ASM |



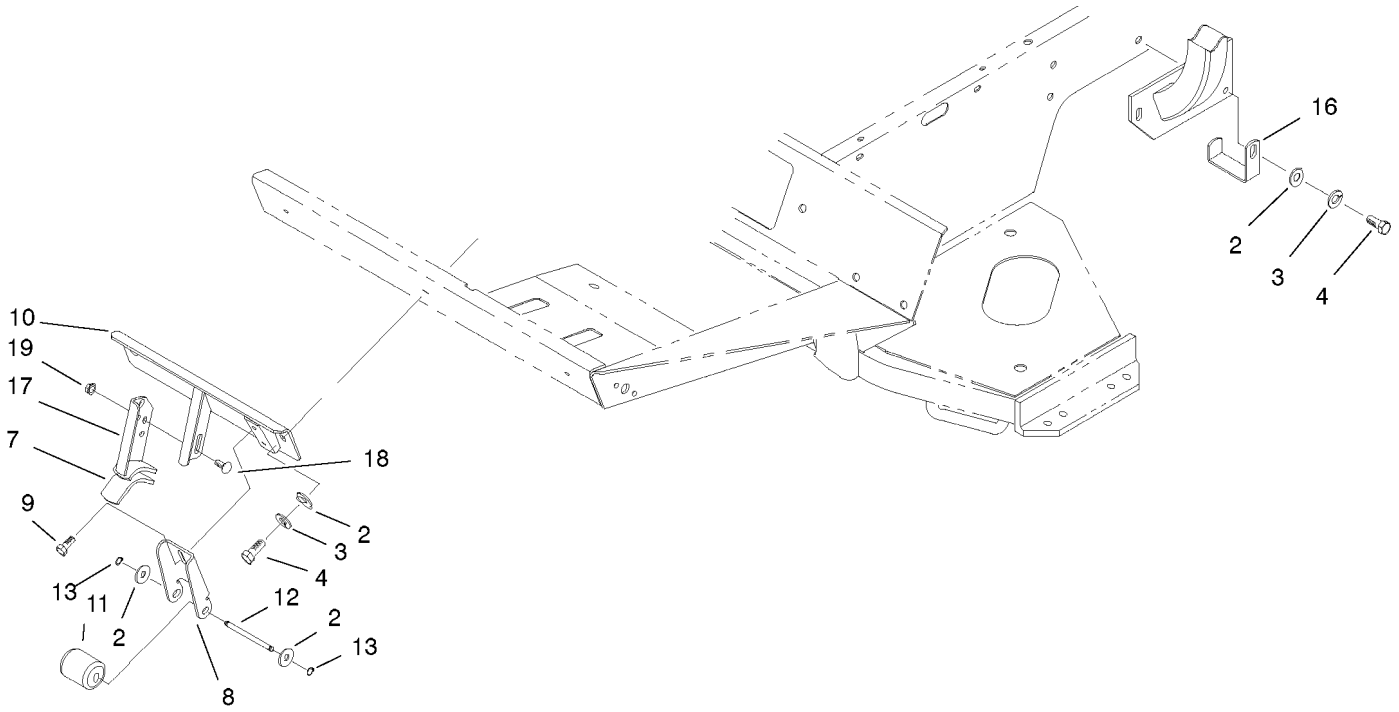

# Rear Axle Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 10-8110 | 2 | Washer-Thrust |
| 2 | 21-0141 | 2 | RH Ball Joint ASM |
| 3 | 21-0151 | 2 | LH Ball Joint ASM |
| 4 | 256-121 | 2 | Washer-Thrust |
| 6 | 32151-36 | 2 | Ring-Retaining |
| 7 | 32151-77 | 1 | Ring-Retaining, Ext |
| 8 | 3220-12 | 2 | Nut-Hj, LH Thread |
| 9 | 3220-3 | 8 | Nut-Jam |
| 10 | 3220-5 | 2 | Nut-Jam |
| 11 | 3234-13 | 2 | Screw-HHF |
| 12 | 5-1226 | 2 | Washer |
| 13 | 66-2990 | 2 | Cap-Spindle |
| 14 | 99-6935-03 | 1 | Axle-Rear |
| 14:2:2 | 302-5 | 2 | Fitting-Grease |
| 14:2:3 | 67-1750 | 4 | Bushing |
| 14:2:4 | 99-6964 | 2 | Bushing-Axle |
| 15 | 75-4410-03 | 1 | Pivot Plate ASM |
| 15:2:1 | 302-5 | 1 | Fitting-Grease |
| 15:2:3 | 75-2910 | 1 | Plate-Pivot |
| 15:2:4 | 76-2970 | 2 | Bushing-Straight |
| 16 | 75-3130-03 | 2 | Rod-Tie |
| 18 | 76-2980 | 1 | Washer-Thrust |
| 19 | 93-7000-03 | 1 | Spindle-RH |
| 20 | 93-7001-03 | 1 | Splindle-LH |



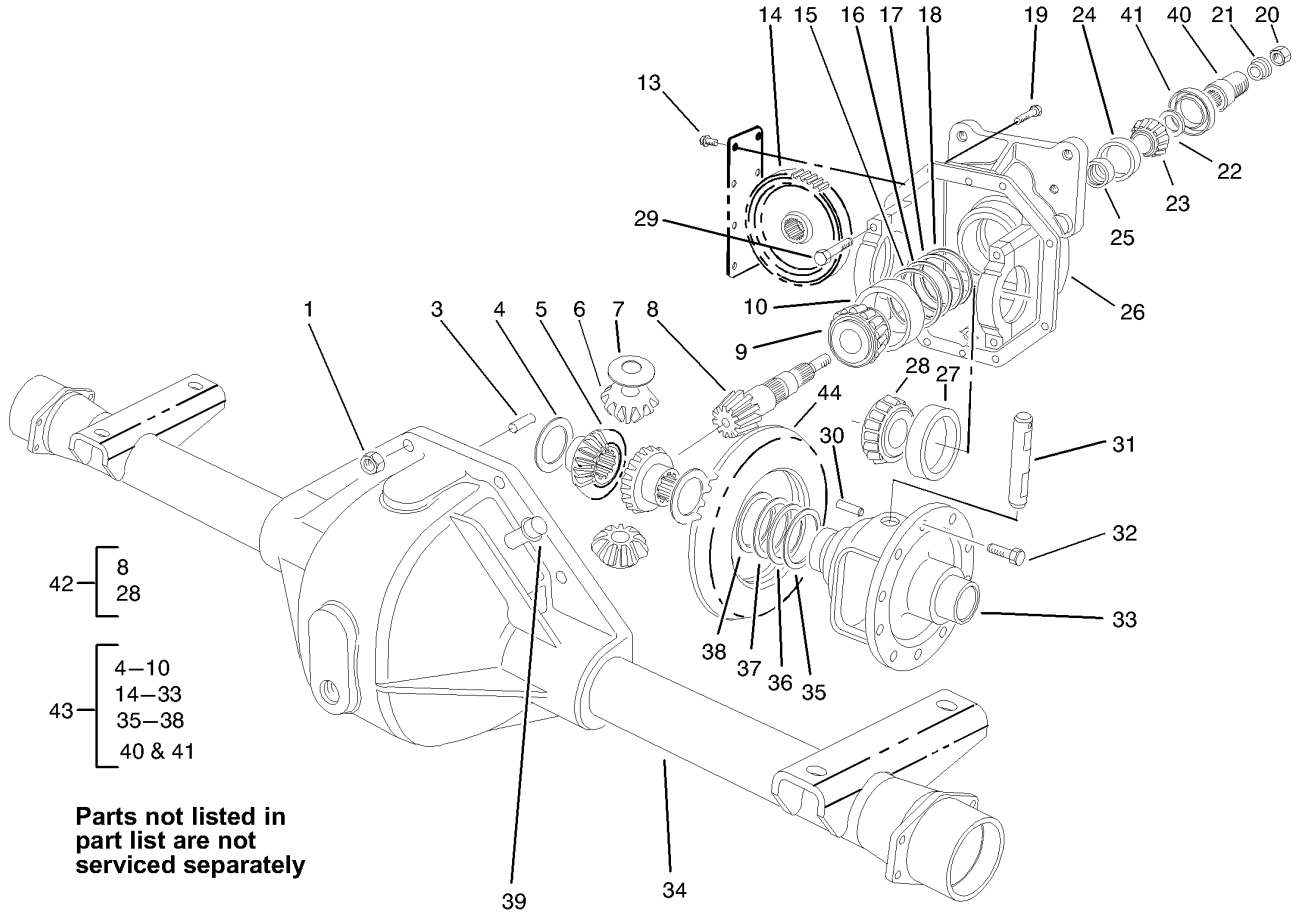

# Hydraulic Assembly No. 75-1200

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | Rod |
| ❷3 | | 1 | Nut |
| ❷4 | | 1 | Piston |
| ❷5 | | 1 | Head |
| 6 | 75-1250 | 1 | Seal Kit |
| ❷6:1 | | 1 | Ring-Servon |
| ❷6:2 | | 1 | O-Ring |
| ❷6:3 | | 1 | O-Ring |
| ❷6:4 | | 1 | O-Ring |
| ❷6:5 | | 1 | U-Cup |
| ❷6:6 | | 1 | Wiper |
| 7 | 302-5 | 2 | Fitting-Grease |




# Stabilizer Assembly

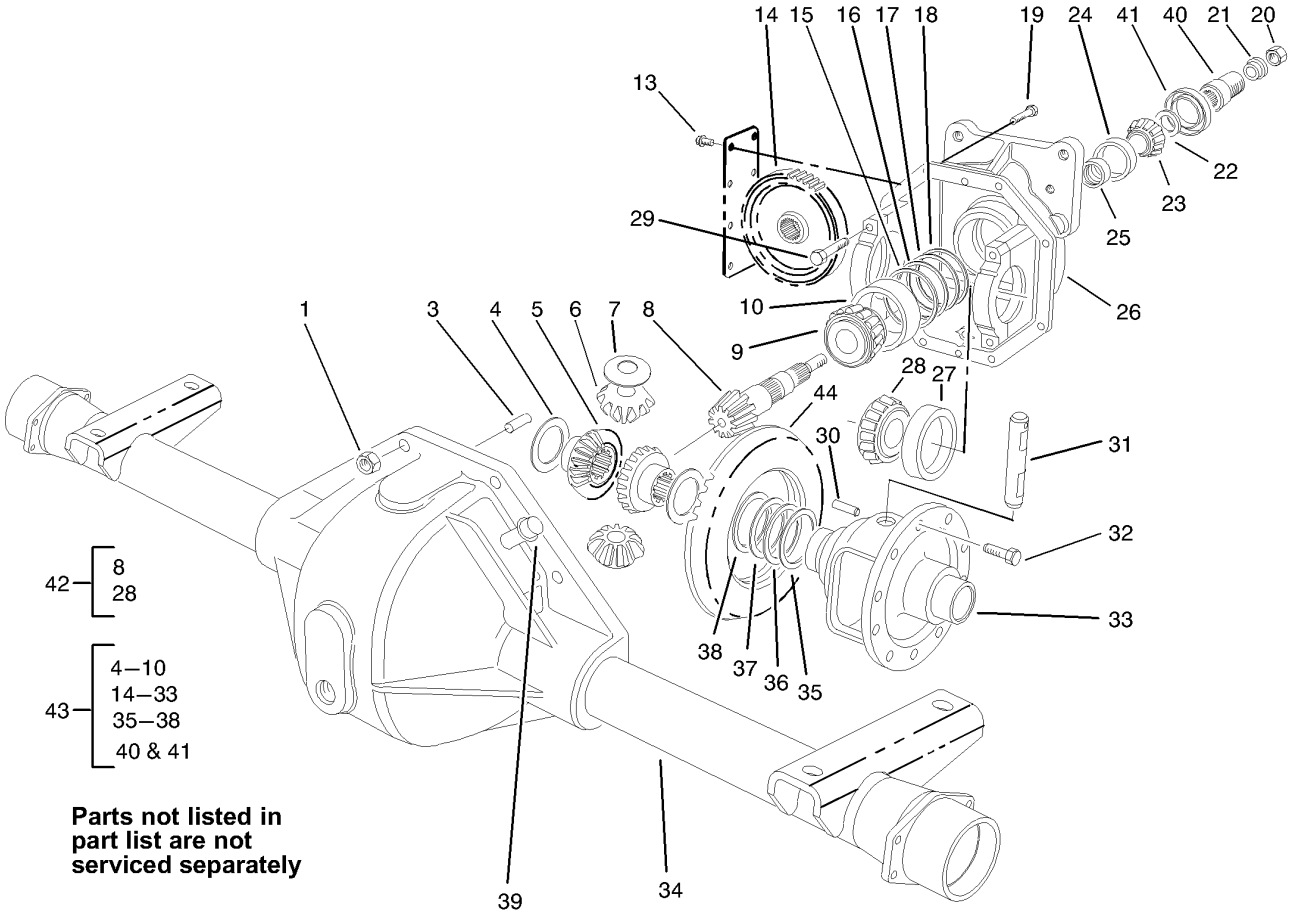
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 3256-26 | 6 | Washer-Flat |
| 3 | 3253-7 | 4 | Washer-Lock |
| 4 | 325-5 | 4 | Screw-HH |
| 7 | 104-1411 | 1 | Guard-Stabilizer |
| 8 | 99-6938-03 | 1 | Bracket-Tipper |
| 9 | 3234-1 | 2 | Screw-HHF |
| 10 | 98-3900-03 | 1 | Stabilizer ASM |
| 11 | 75-5390 | 1 | Roller |
| 12 | 75-5400 | 1 | Pin-Roller |
| 13 | 32151-61 | 2 | Ring-Retaining |
| 16 | 98-3928 | 2 | Clamp-Hose |
| 17 | 104-1471-03 | 1 | Saddle ASM |
| 18 | 3231-2 | 2 | Screw-CARR |
| 19 | 3296-39 | 2 | Nut-Lock, NI |




# Axle Assembly No. 106-9212-03

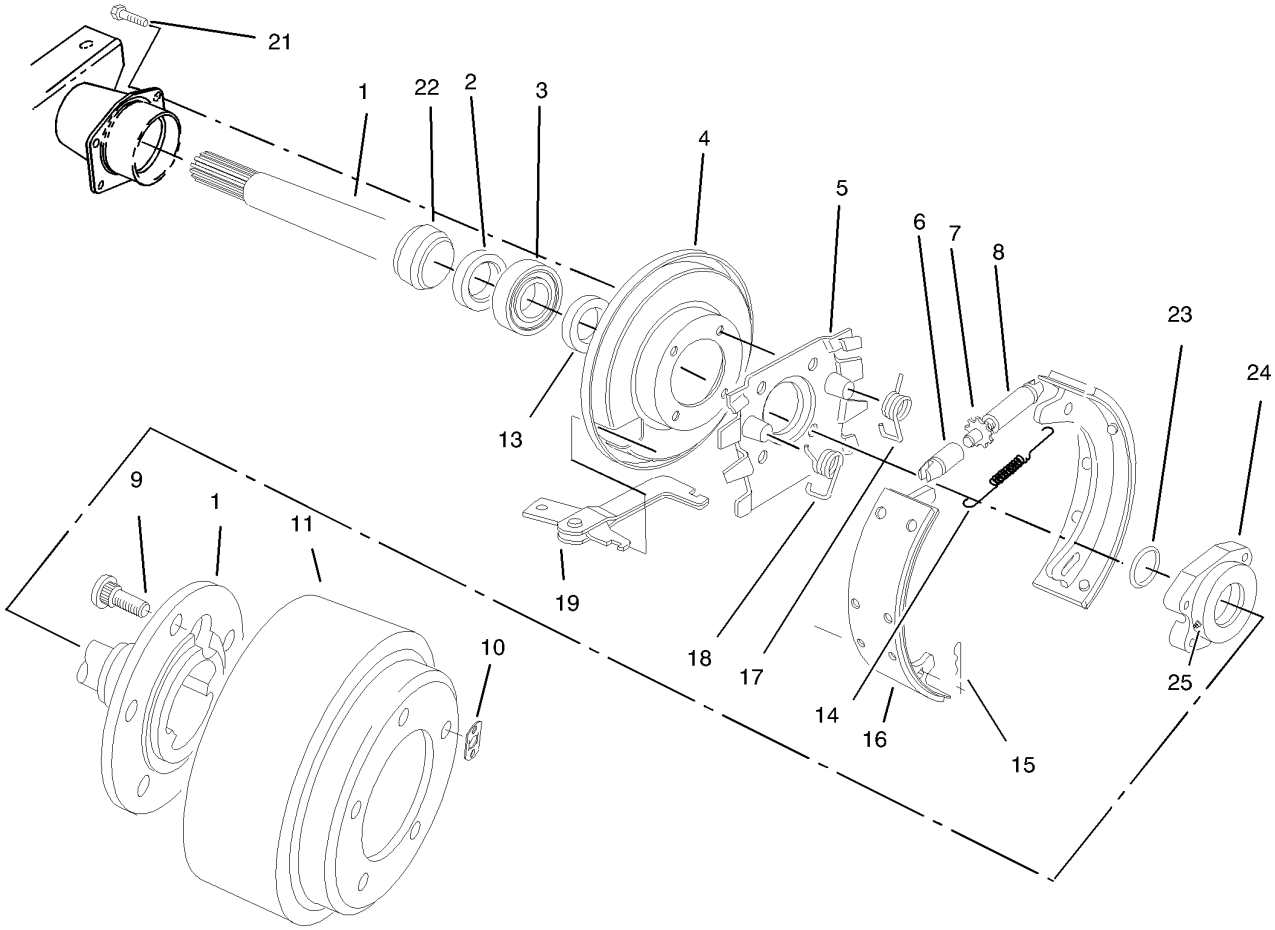
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32149-5 | 8 | Nut |
| 3 | 21-8270 | 2 | Pin-Dowel |
| 4 | 21-7720 | 2 | Washer-Thrust |
| 5 | 24-8790 | 2 | Gear-Differential |
| 6 | 21-7690 | 2 | Pinion-Differential |
| 7 | 21-7730 | 2 | Washer-Thrust, Pinion |
| 9 | 43-6760 | 1 | Bearing-Roller, Cone Taper |
| 10 | 43-6750 | 1 | Bearing-Taper, Cup |
| 13 | 32144-112 | 8 | Screw-HWHTF |
| 14 | 86-7230 | 1 | Gear-Input, Transmission |
| 15 | 43-6710 | 1 | Shim |
| 16 | 43-6711 | 1 | Shim |
| 17 | 43-6712 | 1 | Shim |
| 18 | 43-6713 | 1 | Shim |
| 19 | 3210-8 | 8 | Screw-HH |
| 20 | 71-4350 | 1 | Nut |
| 21 | 83-5130 | 1 | Spacer-Pinion |
| 22 | 72-3570 | 1 | Shim-Bearing, Front |
| 22 | 72-3571 | 1 | Shim-Bearing, Front |
| 22 | 72-3572 | 1 | Shim-Bearing, Front |
| 22 | 72-3573 | 1 | Shim-Bearing, Front |
| 22 | 72-3574 | 1 | Shim-Bearing, Front |
| 22 | 72-3575 | 1 | Shim-Bearing, Front |
| 22 | 72-3576 | 1 | Shim-Bearing, Front |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 72-3577 | 1 | Shim-Bearing, Front |
| 22 | 72-3578 | 1 | Shim-Bearing, Front |
| 22 | 72-3580 | 1 | Shim-Bearing, Front |
| 22 | 72-3581 | 1 | Shim-Bearing, Front |
| 22 | 72-3582 | 1 | Shim-Bearing, Front |
| 22 | 72-3583 | 1 | Shim-Bearing, Front |
| 22 | 72-3584 | 1 | Shim-Bearing, Front |
| 22 | 72-3585 | 1 | Shim-Bearing, Front |
| 22 | 72-3586 | 1 | Shim-Bearing, Front |
| 22 | 72-3587 | 1 | Shim-Bearing, Front |
| 22 | 72-3588 | 1 | Shim-Bearing, Front |
| 22 | 72-3590 | 1 | Shim-Bearing, Front |
| 22 | 72-3591 | 1 | Shim-Bearing, Front |
| 22 | 72-3592 | 1 | Shim-Bearing, Front |
| 22 | 72-3593 | 1 | Shim-Bearing, Front |
| 22 | 72-3594 | 1 | Shim-Bearing, Front |
| 22 | 72-3595 | 1 | Shim-Bearing, Front |
| 22 | 72-3596 | 1 | Shim-Bearing, Front |
| 22 | 72-3597 | 1 | Shim-Bearing, Front |
| 22 | 72-3598 | 1 | Shim-Bearing, Front |
| 22 | 72-3600 | 1 | Shim-Bearing, Front |
| 23 | 254-91 | 1 | Cone-Bearing |
| 24 | 21-8390 | 1 | Cup-Bearing |
| 25 | 21-8020 | 1 | Spacer-Bearing |




# Axle Assembly No. 106-9212-03 (continued)

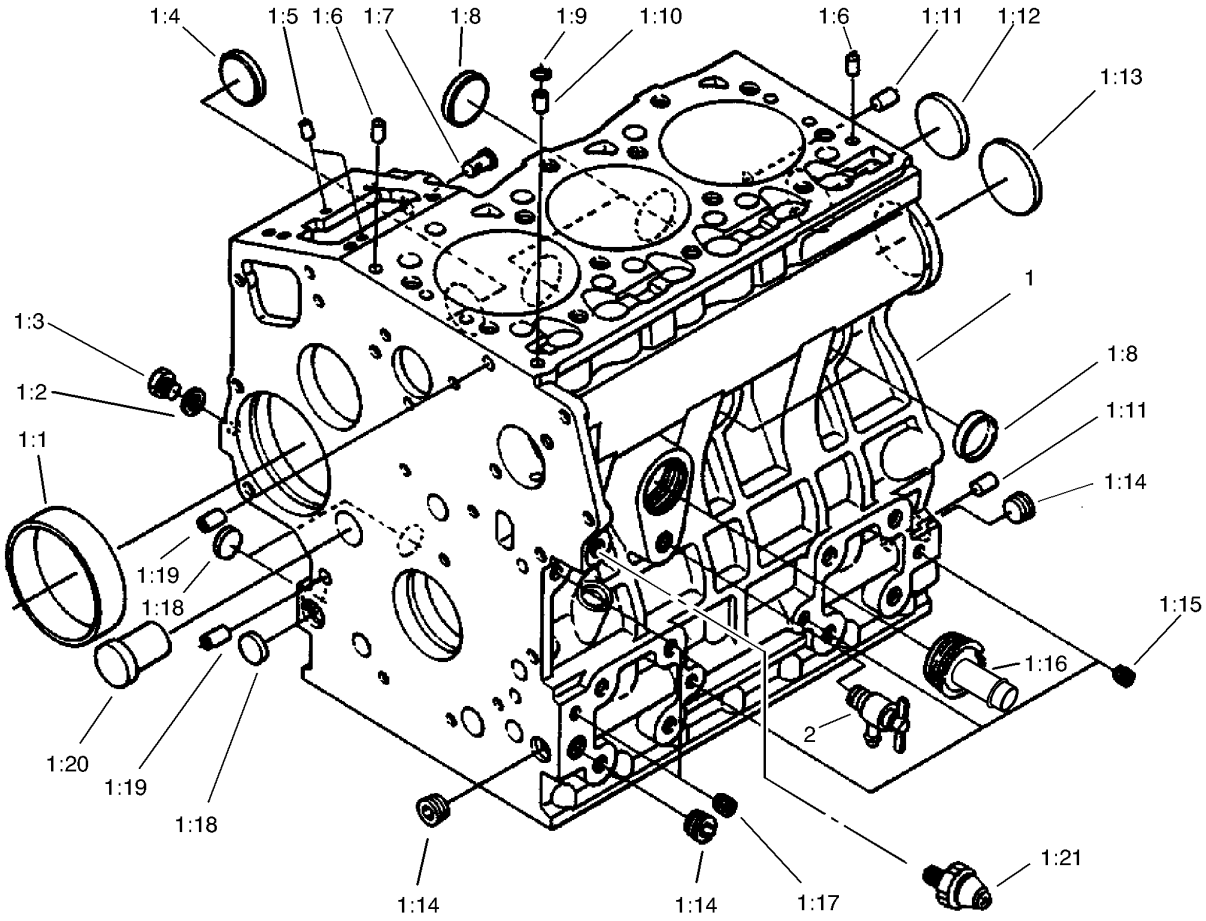
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 93-3619 | 1 | Upper Housing ASM |
| 27 | 254-66 | 2 | Cup-Bearing, Roller |
| 28 | 254-65 | 2 | Cone-Bearing, Roller |
| 29 | 92-1773 | 4 | Screw-HHF |
| 30 | 21-7710 | 1 | Pin-Roll |
| 31 | 21-7700 | 1 | Shaft-Mate, Pinion |
| 32 | 21-7770 | 5 | Screw-Gear, Drive |
| 33 | 21-7670 | 1 | Case-Differential |
| 34 | 100-3744-03 | 1 | Lower Housing ASM |
| 35 | 21-8120 | 1 | Shim-Bearing, Diff. (.030) |
| 36 | 21-8110 | 1 | Shim-Bearing, Diff. (.010) |
| 37 | 21-8100 | 1 | Shim-Bearing, Diff. (.005) |
| 38 | 21-8090 | 1 | Shim-Bearing, Diff. (.003) |
| 39 | 72-9420 | 1 | Vent |
| 40 | 83-4910 | 1 | Coupler-Pinion |
| 41 | 71-4330 | 1 | Seal |
| 42 | 93-3618 | 1 | Gear And Pinion ASM |
| 43 | 93-3617 | 1 | Cover And Carrier Kit |




# Brake Assembly

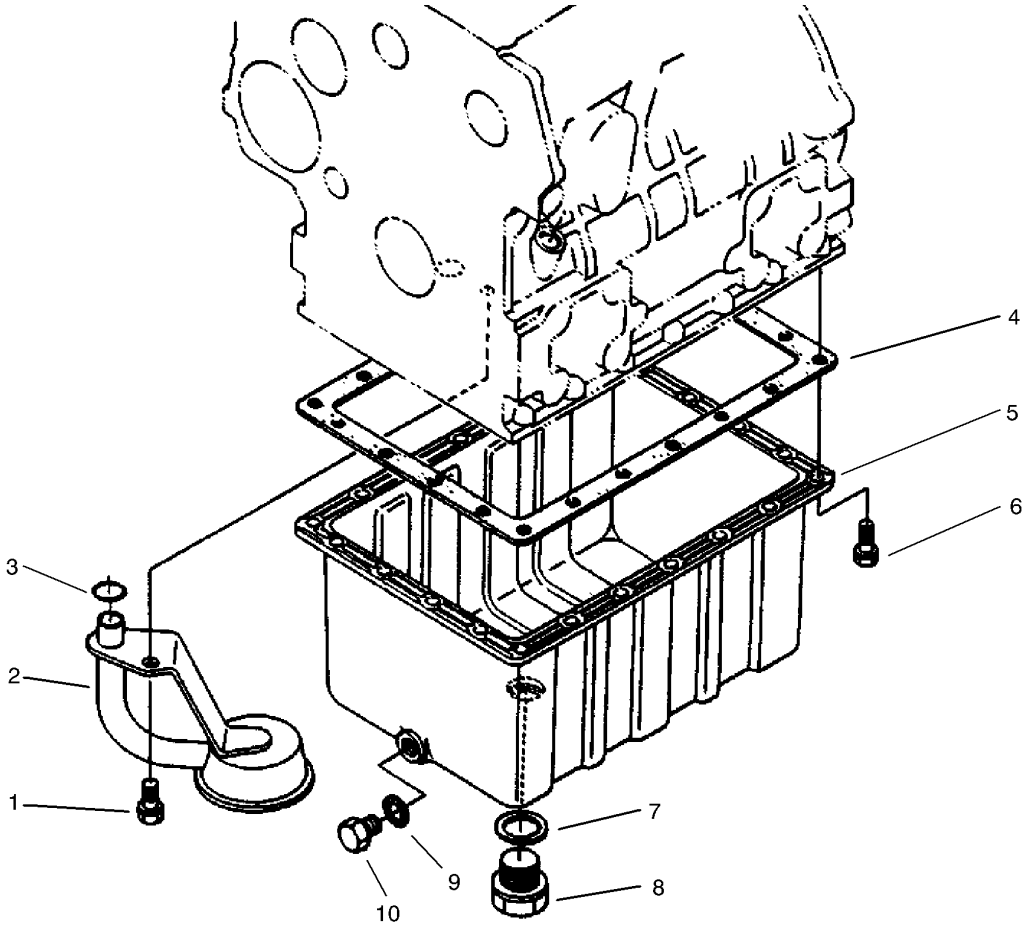
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 100-3840 | 1 | Shaft-Axle, LH |
| 1 | 100-3841 | 1 | Shaft-Axle, RH |
| 2 | 100-3842 | 2 | Seal-Oil |
| 3 | 21-8180 | 2 | Bearing ASM |
| 4 | 100-3843 | 2 | Shield-Dust |
| 5 | 100-3844 | 2 | Spider-Torque |
| 6 | 21-9390 | 2 | Socket-Screw, Adjusting |
| 7 | 21-9370 | 2 | Screw-Adjusting |
| 8 | 21-9380 | 2 | Nut-Pivot |
| 9 | 106-9205 | 10 | Stud-Wheel |
| 10 | 21-8360 | 2 | Locknut |
| 11 | 106-9209-03 | 2 | Drum-Brake |
| 13 | 100-3845 | 2 | Seal-Grease |
| 14 | 21-9440 | 2 | Spring-Screw, Adjusting |
| 15 | 21-9460 | 4 | Retainer-Lever, Brake |
| 16 | 84-8590 | 4 | Shoe And Lining ASM |
| 17 | 21-9420 | 2 | Spring-Return, LH |
| 18 | 21-9430 | 2 | Spring-Return, RH |
| 19 | 24-9180 | 2 | Strut And Lever ASM |
| 21 | 100-3846 | 8 | Screw-Special |
| 22 | 100-3847 | 2 | Retainer-Bearing |
| 23 | 100-3848 | 2 | O-Ring |
| 24 | 100-3849 | 2 | Cap-Bearing |
| 25 | 100-3850 | 2 | Zerk-Special |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❶26 | 84-8600 | 1 | Set-Shoes, Lined |
| ❶27 | 92-8775 | 1 | Liquid Gasket Kit |



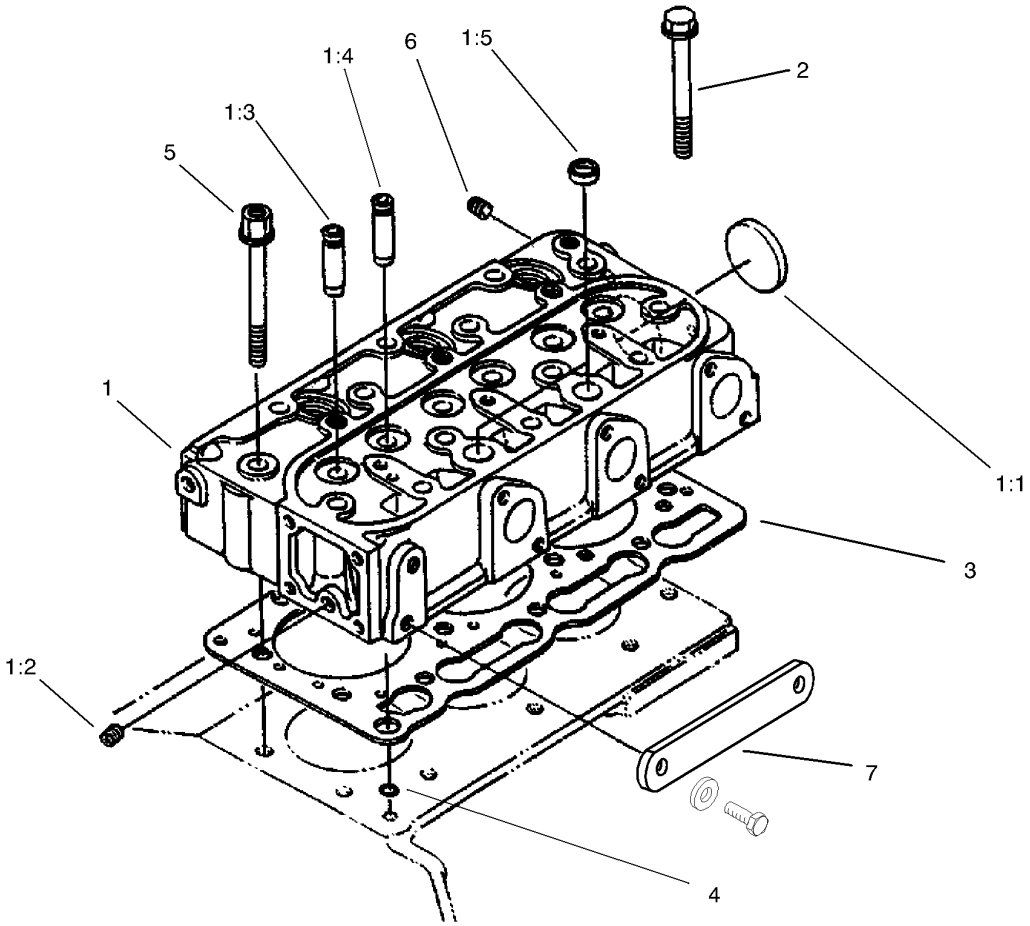

# Crankcase Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8300 | 1 | Crankcase ASM |
| 1:1 | 98-9656 | 1 | Bushing-Governor, Gear |
| 1:2 | 98-7428 | 1 | Gasket |
| 1:3 | 98-7507 | 1 | Plug |
| 1:4 | 98-9599 | 1 | Plug |
| 1:5 | 98-9375 | 2 | Pin-Straight |
| 1:6 | 98-9376 | 2 | Pin-Straight |
| 1:7 | 98-9630 | 1 | Pin-Spring, Start |
| 1:8 | 98-9398 | 4 | Cap-Sealing |
| 1:9 | 98-7509 | 1 | O-Ring |
| 1:10 | 98-9539 | 1 | Pin-Pipe |
| 1:11 | 98-9377 | 2 | Pin-Straight |
| 1:12 | 98-7539 | 1 | Cap-Sealing |
| 1:13 | 98-9668 | 1 | Plug |
| 1:14 | 98-9597 | 3 | Plug |
| 1:15 | 98-7540 | 3 | Cap-Sealing |
| 1:16 | 99-8347 | 1 | Joint-Pipe, Drain |
| 1:17 | 98-7487 | 2 | Plug |
| 1:18 | 98-9379 | 3 | Plug |
| 1:19 | 98-9387 | 2 | Pin-Pipe |
| 1:20 | 98-9675 | 1 | Plug |
| 1:21 | 98-9416 | 1 | Switch-Oil |
| 2 | 98-9436 | 1 | Drain Cock ASM |



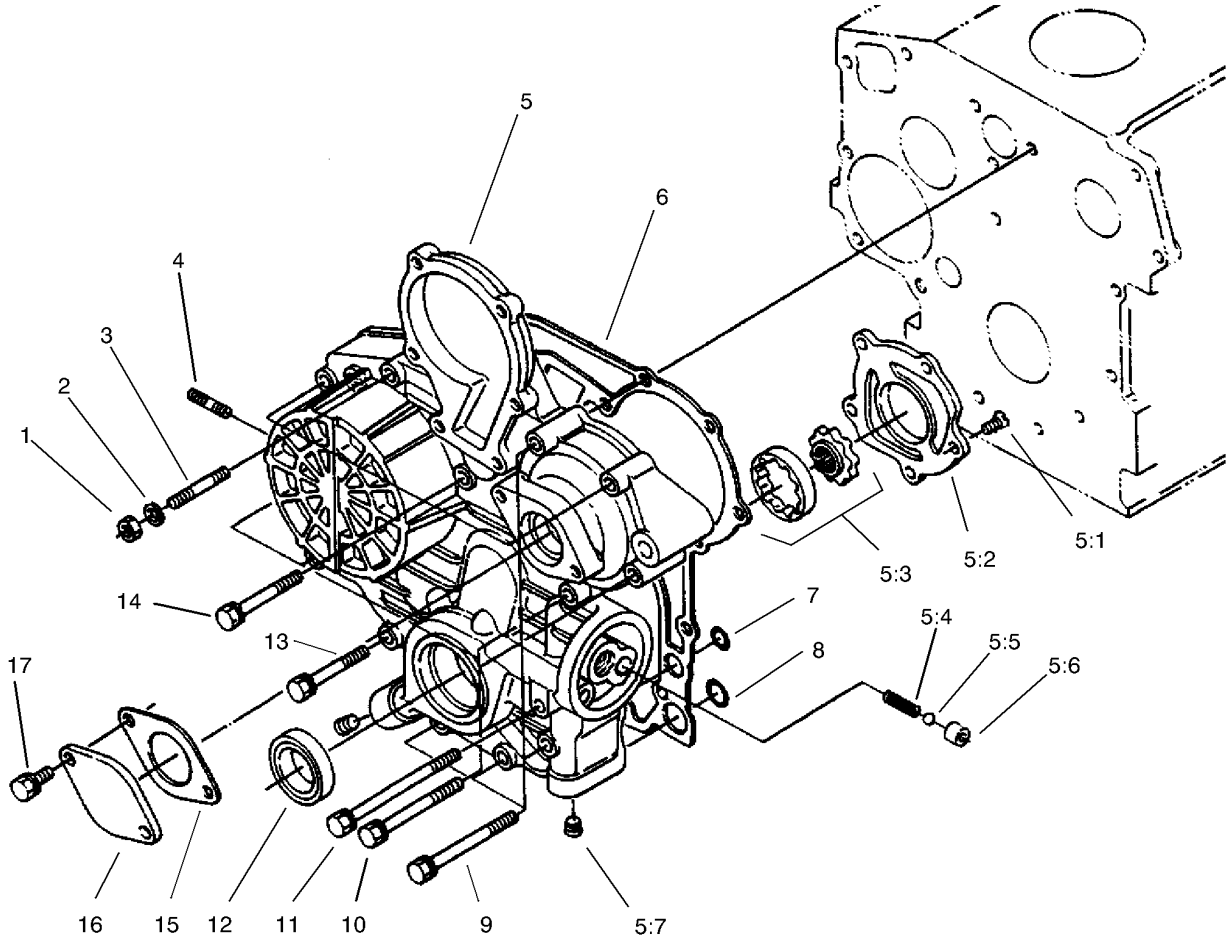

# Oil Pan Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9358 | 1 | Bolt |
| 2 | 98-9538 | 1 | Filter-Oil |
| 3 | 98-7527 | 1 | O-Ring |
| 4 | 98-9646 | 1 | Gasket-Pan, Oil |
| 5 | 98-9685 | 1 | Drain-Oil |
| 6 | 98-9350 | 22 | Bolt |
| 7 | 98-9399 | 1 | Gasket |
| 8 | 98-7523 | 1 | Plug-Drain |
| 9 | 98-7524 | 1 | Gasket |
| 10 | 98-9386 | 1 | Plug |



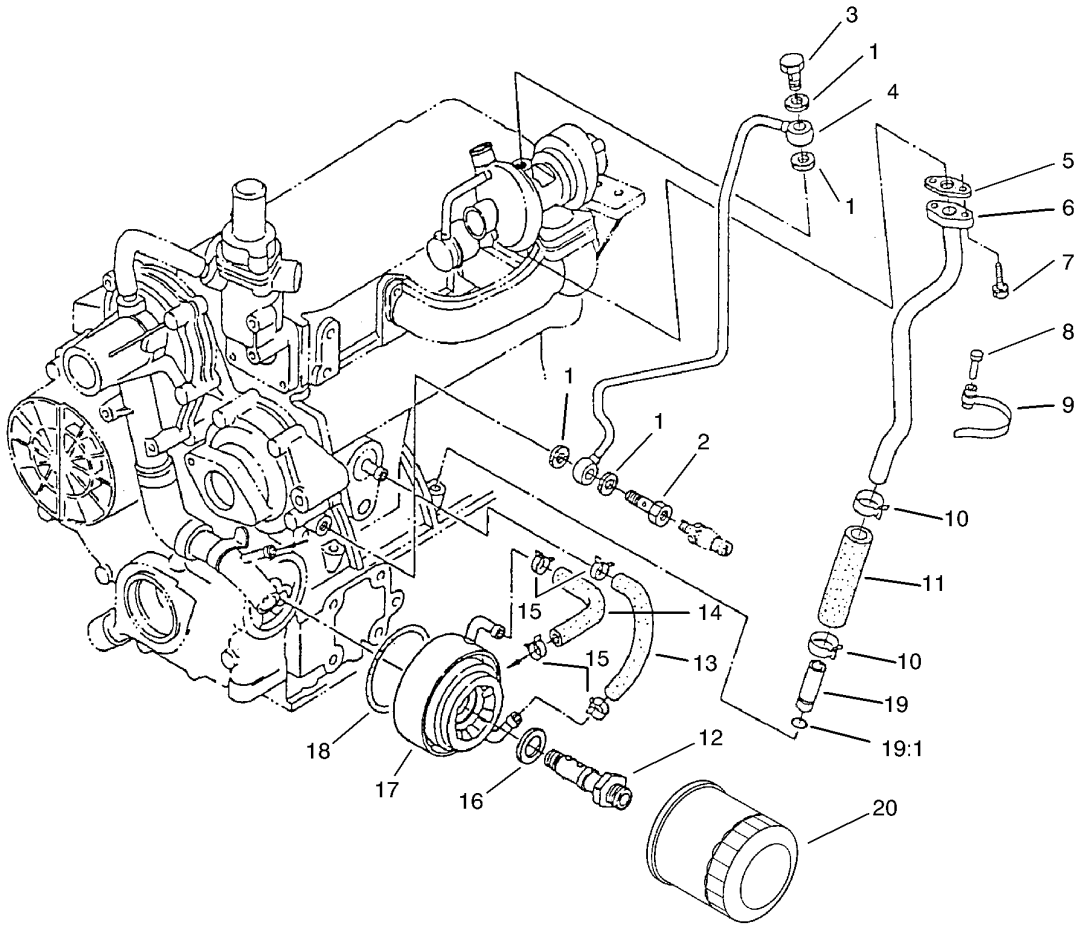

# Cylinder Head Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8344 | 1 | Cylinder Head ASM |
| 1:1 | 98-9395 | 1 | Cap-Sealing |
| 1:2 | 98-7540 | 2 | Cap-Sealing |
| 1:3 | 98-9499 | 3 | Guide-Valve, Inlet |
| 1:4 | 98-9500 | 3 | Guide-Valve, Exhaust |
| 1:5 | 98-9389 | 2 | Cap-Sealing |
| 2 | 98-9479 | 12 | Bolt-Head, Cylinder |
| 3 | 98-9613 | 1 | Gasket-Head, Cylinder |
| 4 | 98-7509 | 1 | O-Ring |
| 5 | 98-9647 | 2 | Bolt-Head, Cylinder |
| 6 | 98-9444 | 1 | Plug |
| 7 | 98-4547 | 1 | Plate-Mount, Fan |



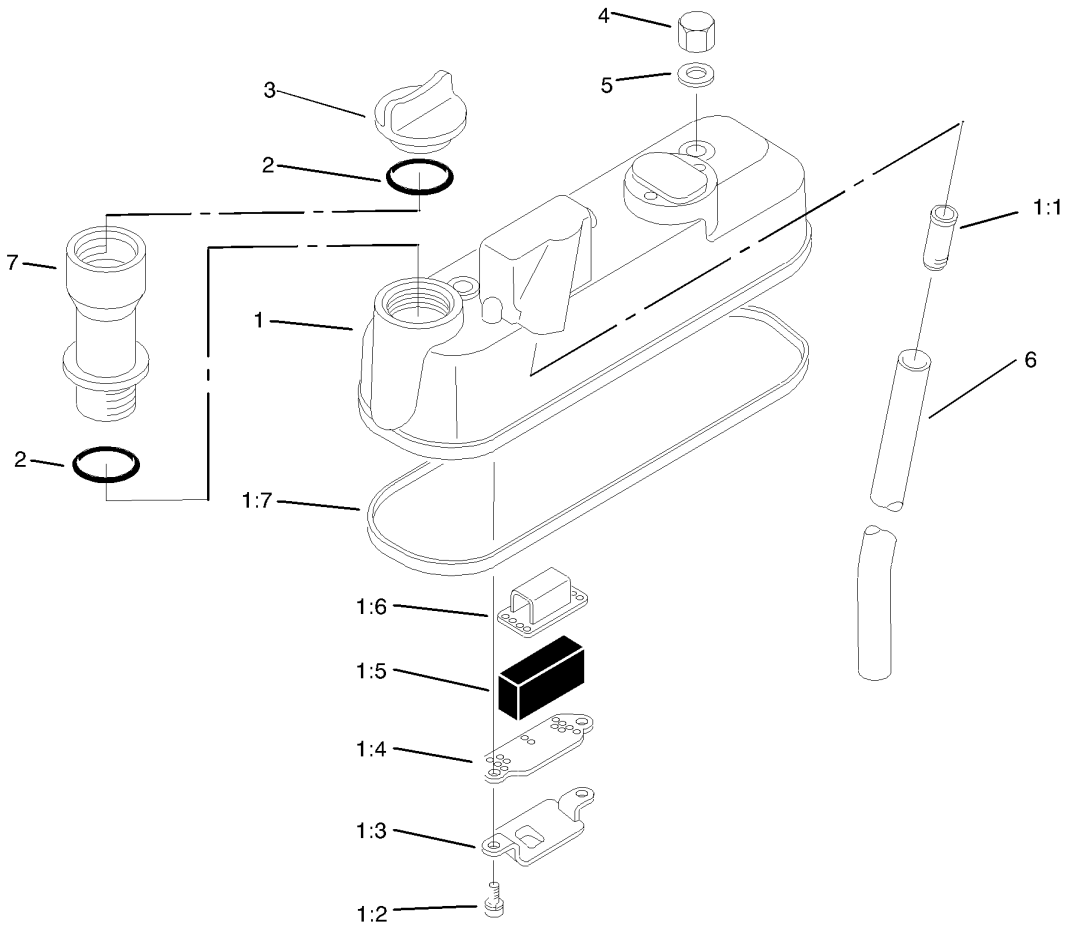

# Gearcase and Oil Filter Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-7572 | 1 | Nut |
| 2 | 98-9367 | 1 | Washer-Spring |
| 3 | 98-9363 | 1 | Stud |
| 4 | 98-9362 | 2 | Stud |
| 5 | 99-8381 | 1 | Gear Case ASM |
| 5:1 | 98-9592 | 5 | Screw |
| 5:2 | 98-9541 | 1 | Cover-Pump, Oil |
| 5:3 | 98-9540 | 1 | Oil Pump Rotor ASM |
| 5:4 | 98-9544 | 1 | Spring |
| 5:5 | 98-9380 | 1 | Ball |
| 5:6 | 98-9543 | 1 | Seat-Valve |
| 5:7 | 98-9598 | 2 | Plug |
| 6 | 98-9633 | 1 | Gasket-Case, Gear |
| 7 | 98-9372 | 2 | O-Ring |
| 8 | 98-7547 | 2 | O-Ring |
| 9 | 98-9356 | 2 | Bolt |
| 10 | 98-9355 | 6 | Bolt |
| 11 | 98-9586 | 1 | Bolt |
| 12 | 98-9482 | 1 | Seal-Oil |
| 13 | 98-9437 | 1 | Bolt |
| 14 | 98-7496 | 3 | Bolt |
| 15 | 98-9684 | 1 | Gasket-Case, Gear |
| 16 | 98-9641 | 1 | Cover |
| 17 | 98-7692 | 2 | Bolt |



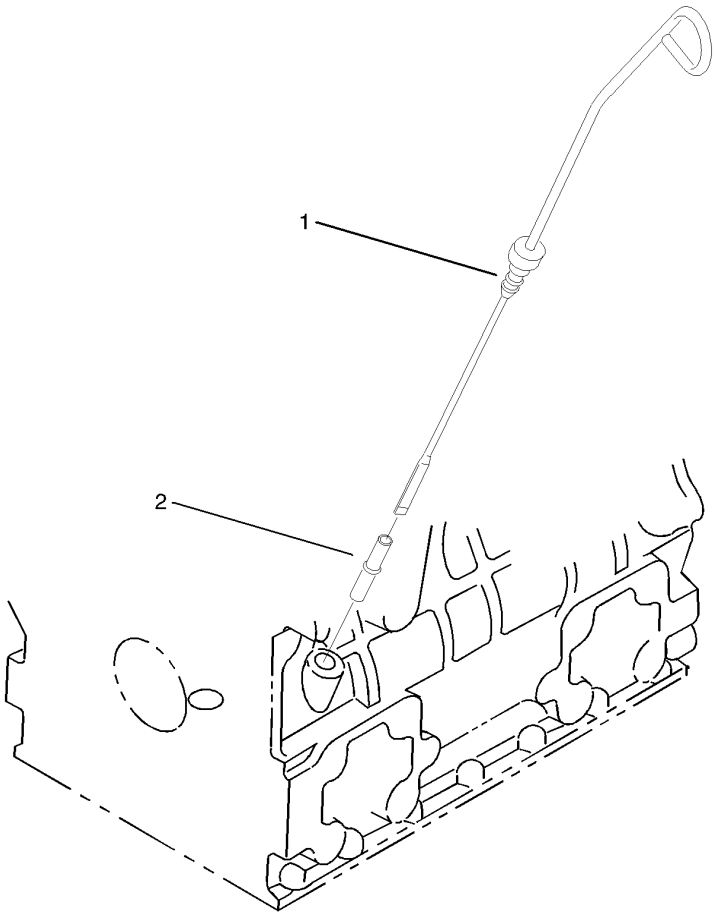

# Filter, Oil Cooler and Pipe Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8346 | 4 | Gasket |
| 2 | 98-9417 | 1 | Bolt-Joint, Eye |
| 3 | 98-9418 | 1 | Bolt-Joint, Eye |
| 4 | 98-9419 | 1 | Oil Pipe ASM |
| 5 | 98-9435 | 1 | Gasket-Oil Return, Turbo |
| 6 | 98-9461 | 1 | Pipe Line ASM |
| 7 | 98-7568 | 2 | Bolt |
| 8 | 98-9591 | 1 | Pin-Band |
| 9 | 98-9601 | 1 | Clamp-Pipe |
| 10 | 98-9714 | 2 | Clamp-Hose |
| 11 | 98-9721 | 1 | Pipe-Oil |
| 12 | 104-5159 | 1 | Holder ASM |
| 13 | 98-9724 | 1 | Pipe-Cooler, Oil |
| 14 | 98-9578 | 1 | Pipe-Return, Water |
| 15 | 98-9579 | 4 | Band-Pipe |
| 16 | 98-9727 | 1 | Collar |
| 17 | 104-5158 | 1 | Oil Cooler ASM |
| 18 | 98-9729 | 1 | O-Ring |
| 19 | 99-8383 | 1 | Oil Pipe ASM |
| 19:1 | 98-9374 | 1 | O-Ring |
| 20 | 104-5167 | 1 | Filter-Oil |



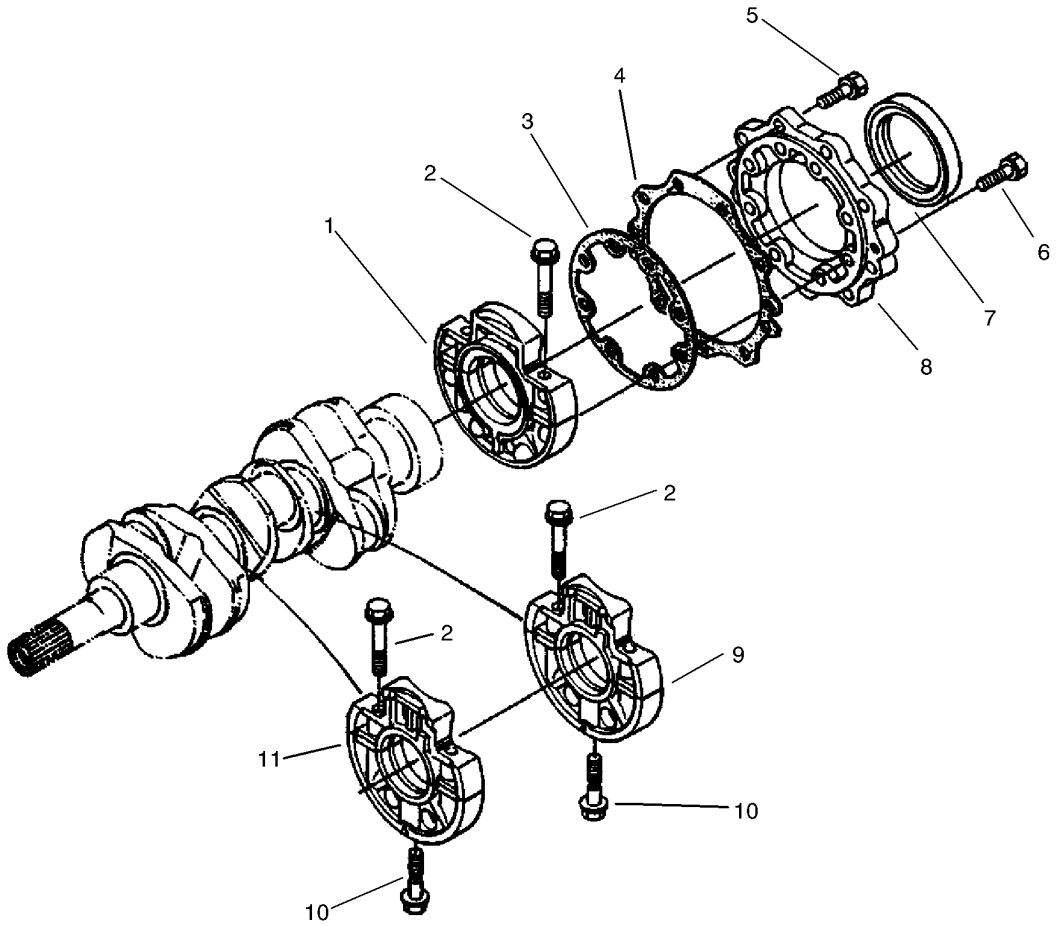

# Head Cover Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9614 | 1 | Cylinder Head Cover ASM |
| 1:1 | 98-9492 | 1 | Joint-Pipe, Breather |
| 1:2 | 98-9364 | 2 | Screw-W/washer |
| 1:3 | 98-9490 | 1 | Shield-Oil, Breather |
| 1:4 | 98-9488 | 1 | Plate-Element, Breather |
| 1:5 | 98-9493 | 1 | Element-Breather |
| 1:6 | 98-9489 | 1 | Plate-Element, Breather |
| 1:7 | 98-9615 | 1 | Gasket-Cover, Head |
| 2 | 98-7430 | 1 | O-Ring |
| 3 | 98-9449 | 1 | Plug-Filler, Oil |
| 4 | 98-9455 | 3 | Nut-Cap |
| 5 | 98-9454 | 3 | Gasket |
| 6 | 98-9491 | 1 | Pipe-Breather |
| 7 | 99-8349 | 1 | Extension-Fill, Oil |



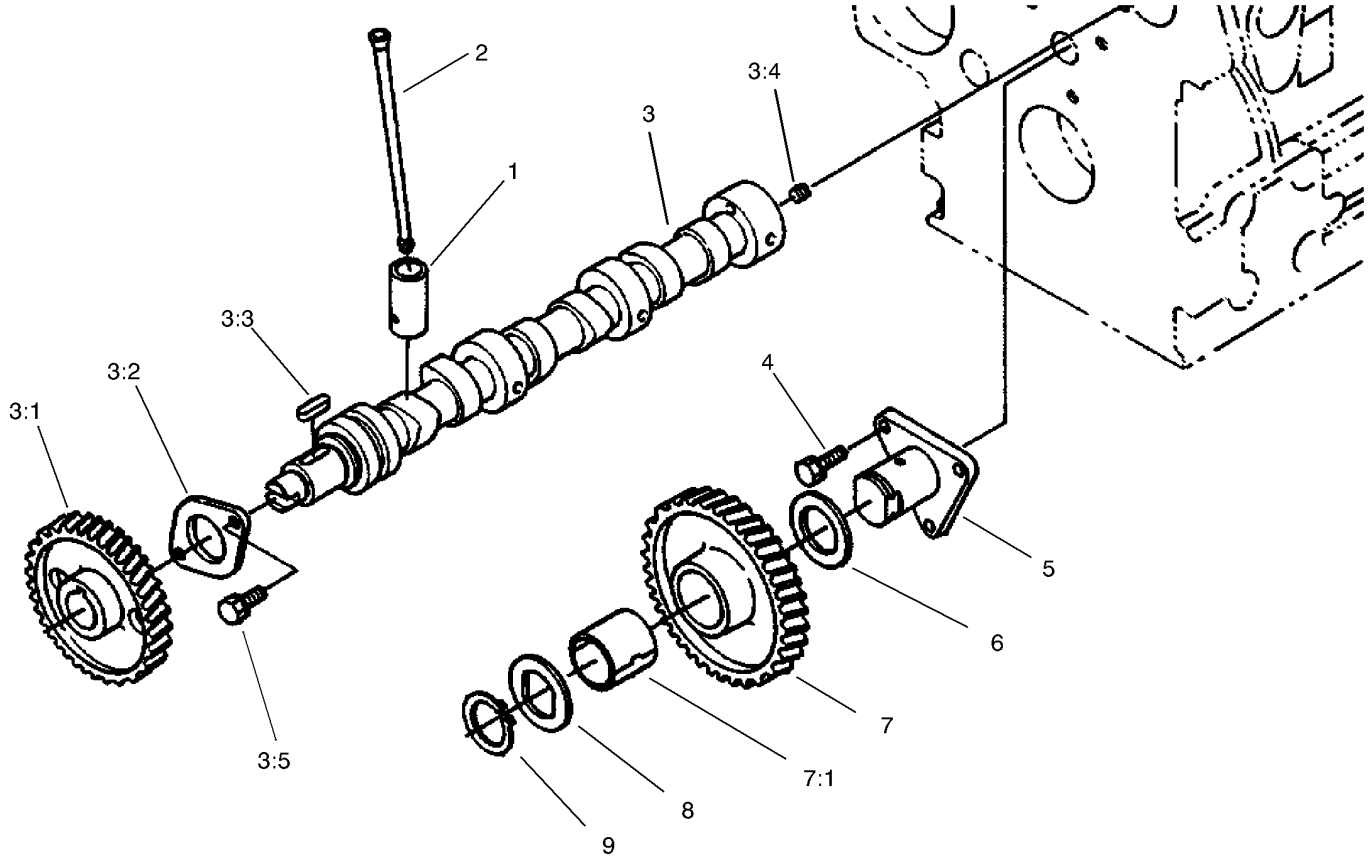

# Dipstick and Guide Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 104-9348 | 1 | Gauge-Oil |
| 2 | 104-9349 | 1 | Guide-Gauge, Oil |



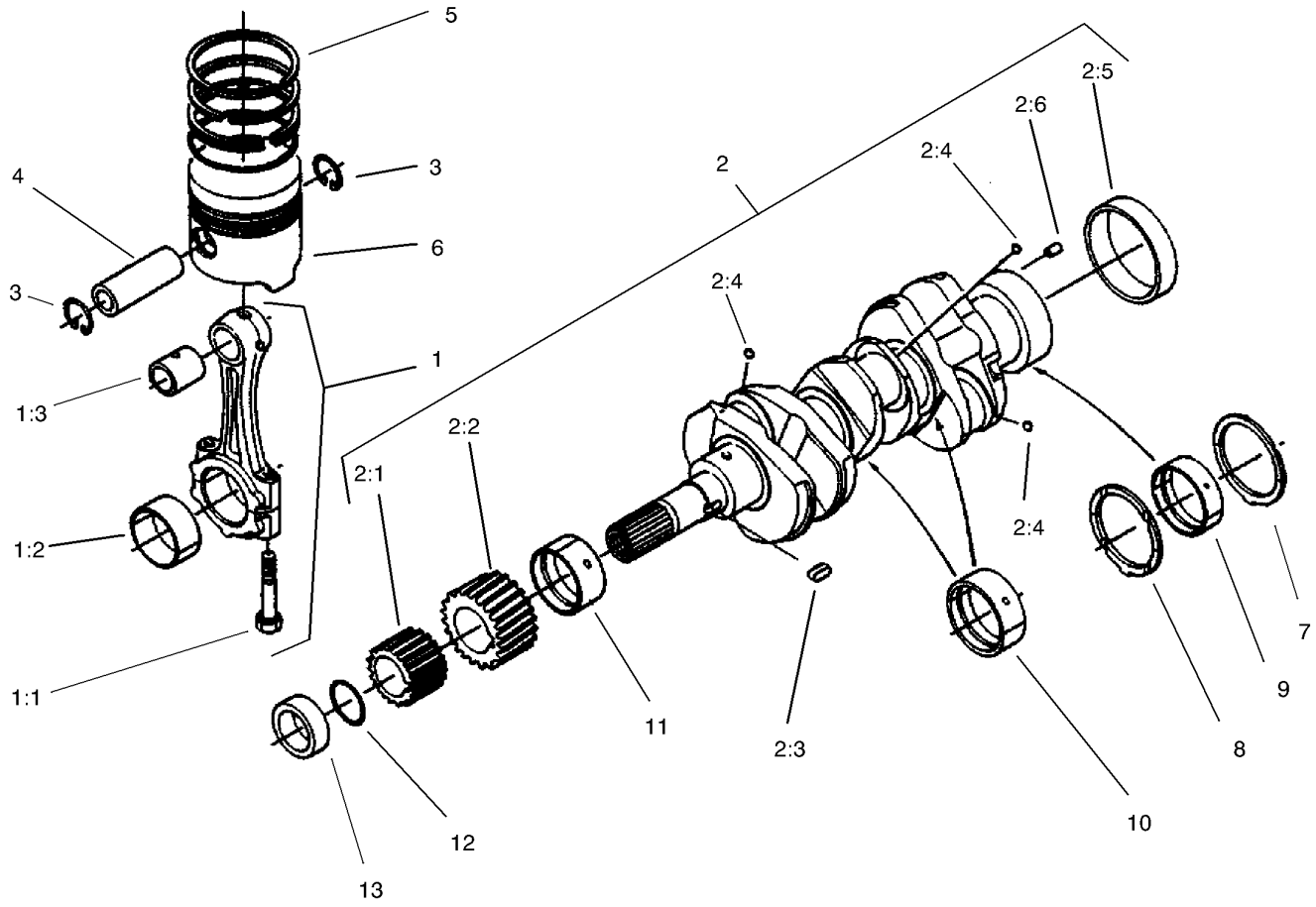

# Main Bearing Case Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9480 | 1 | Main Bearing Case ASM |
| 2 | 98-9484 | 6 | Bolt-Case, Bearing |
| 3 | 98-9634 | 1 | Gasket-Case, Bearing |
| 4 | 98-9635 | 1 | Gasket-Cover, Bearing Case |
| 5 | 98-7568 | 9 | Bolt |
| 6 | 98-9352 | 8 | Bolt |
| 7 | 98-9483 | 1 | Seal-Oil |
| 8 | 98-9487 | 1 | Cover-Case, Bearing |
| 9 | 99-8360 | 1 | Case-Bearing, Main |
| 10 | 98-9485 | 2 | Bolt-Case, Bearing |
| 11 | 99-8361 | 1 | Case-Bearing, Main |




# Camshaft Assembly

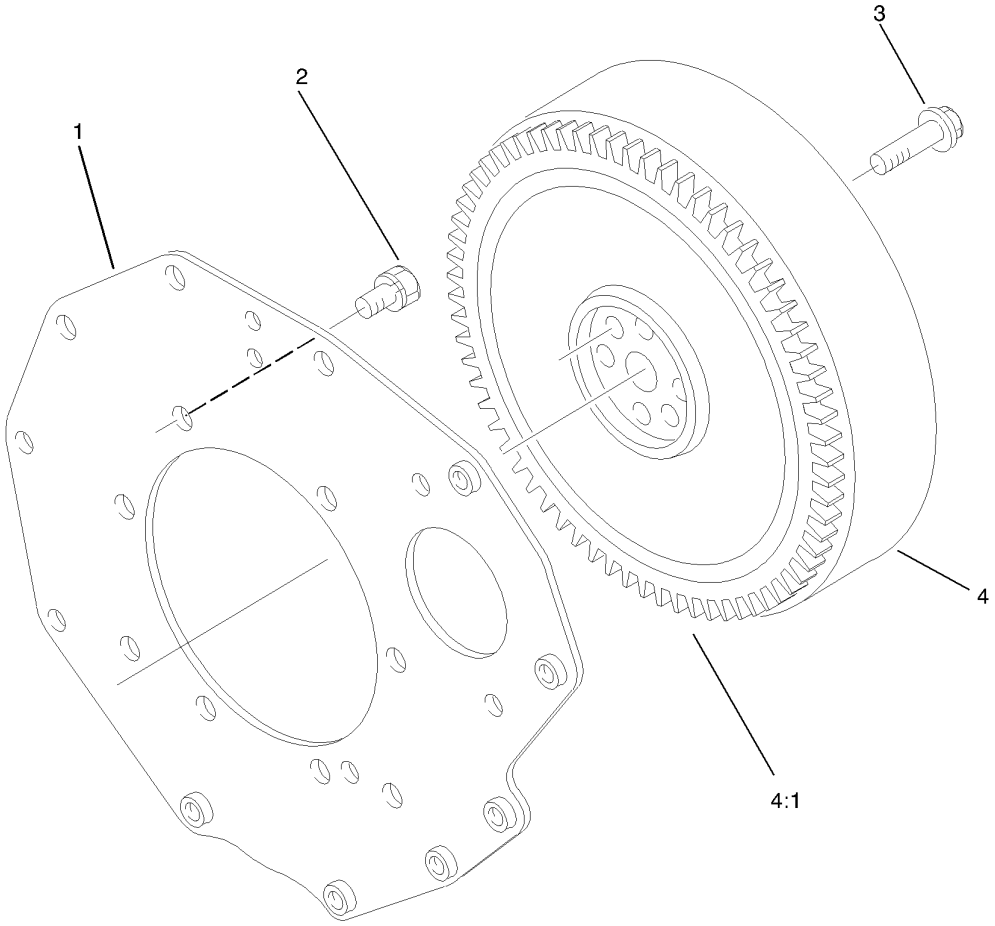
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9616 | 6 | Tappet |
| 2 | 98-9509 | 6 | Rod-Push |
| 3 | 99-8362 | 1 | Camshaft ASM |
| 3:1 | 98-9512 | 1 | Gear-Cam |
| 3:2 | 98-9510 | 1 | Stopper-Camshaft |
| 3:3 | 98-9378 | 1 | Key-Feather |
| 3:4 | 98-7449 | 1 | Screw-Set |
| 3:5 | 98-9351 | 2 | Bolt |
| 4 | 98-7692 | 3 | Bolt |
| 5 | 98-9533 | 1 | Shaft-Gear, Idle |
| 6 | 98-9535 | 1 | Collar-Gear, Idle |
| 7 | 98-9649 | 1 | Idle Gear ASM |
| 7:1 | 98-9650 | 1 | Bushing-Gear, Idle |
| 8 | 98-9536 | 1 | Collar-Gear, Idle |
| 9 | 98-9534 | 1 | Clip-Circular, Idle Gear |




# Piston and Crankshaft Assembly

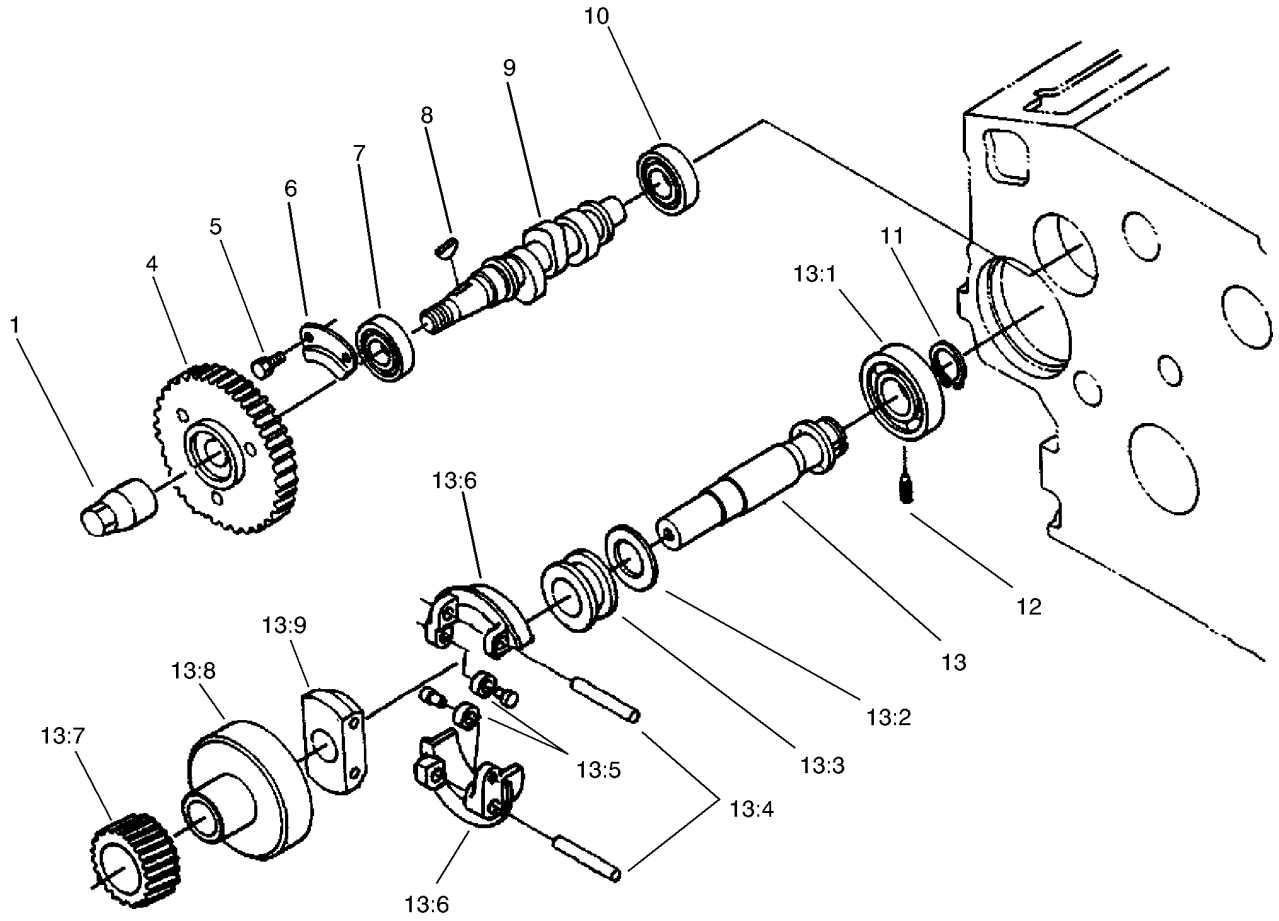
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9552 | 3 | Connecting Rod ASM |
| 1:1 | 98-9517 | 6 | Bolt-Rod, Connecting |
| 1:2 | 98-9519 | 3 | Bearing-Rod (0.2mm) |
| 1:2 | 98-9520 | 3 | Bearing-Rod (0.4mm) |
| 1:2 | 98-9553 | 3 | Bearing-Rod (Std) |
| 1:3 | 98-9515 | 3 | Bushing-Pin, Piston |
| 2 | 98-9642 | 1 | Crankshaft ASM |
| 2:1 | 98-9542 | 1 | Gear-Drive, Oil Pump |
| 2:2 | 98-9532 | 1 | Gear-Crankshaft |
| 2:3 | 98-9666 | 1 | Key |
| 2:4 | 98-7473 | 3 | Ball |
| 2:5 | 98-9522 | 1 | Sleeve-Crankshaft |
| 2:6 | 98-9375 | 1 | Pin-Straight |
| 3 | 98-9514 | 6 | Clip-Circular, Piston Pin |
| 4 | 98-9513 | 3 | Pin-Piston |
| 5 | 98-9619 | 3 | Piston Ring ASM (0.5mm) |
| 5 | 98-9551 | 3 | Piston Ring ASM (Std) |
| 6 | 98-9550 | 3 | Piston (Std) |
| 6 | 98-9470 | 3 | Piston (0.5mm) |
| 7 | 98-9413 | 2 | Bearing-Thrust (Std) |
| 7 | 98-9414 | 2 | Bearing-Thrust (0.2mm) |
| 7 | 98-9415 | 2 | Bearing-Thrust (0.4mm) |
| 8 | 98-9688 | 2 | Bearing-Thrust (Std) |
| 8 | 98-9689 | 2 | Bearing-Thrust (0.2mm) |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 8 | 98-9690 | 2 | Bearing-Thrust (0.4mm) |
| 9 | 98-9526 | 1 | Bearing-Main (0.2mm) |
| 9 | 98-9527 | 1 | Bearing-Main (0.4mm) |
| 9 | 98-9556 | 1 | Bearing-Main (Std) |
| 10 | 98-9530 | 2 | Bearing-Main (0.2mm) |
| 10 | 98-9531 | 2 | Bearing-Main (0.4mm) |
| 10 | 98-9555 | 2 | Bearing-Main (Std) |
| 11 | 98-9528 | 1 | Bearing-Main (0.2mm) |
| 11 | 98-9529 | 1 | Bearing-Main (0.4mm) |
| 11 | 98-9554 | 1 | Bearing-Main (Std) |
| 12 | 98-9373 | 1 | O-Ring |
| 13 | 98-9521 | 1 | Collar-Crankshaft |



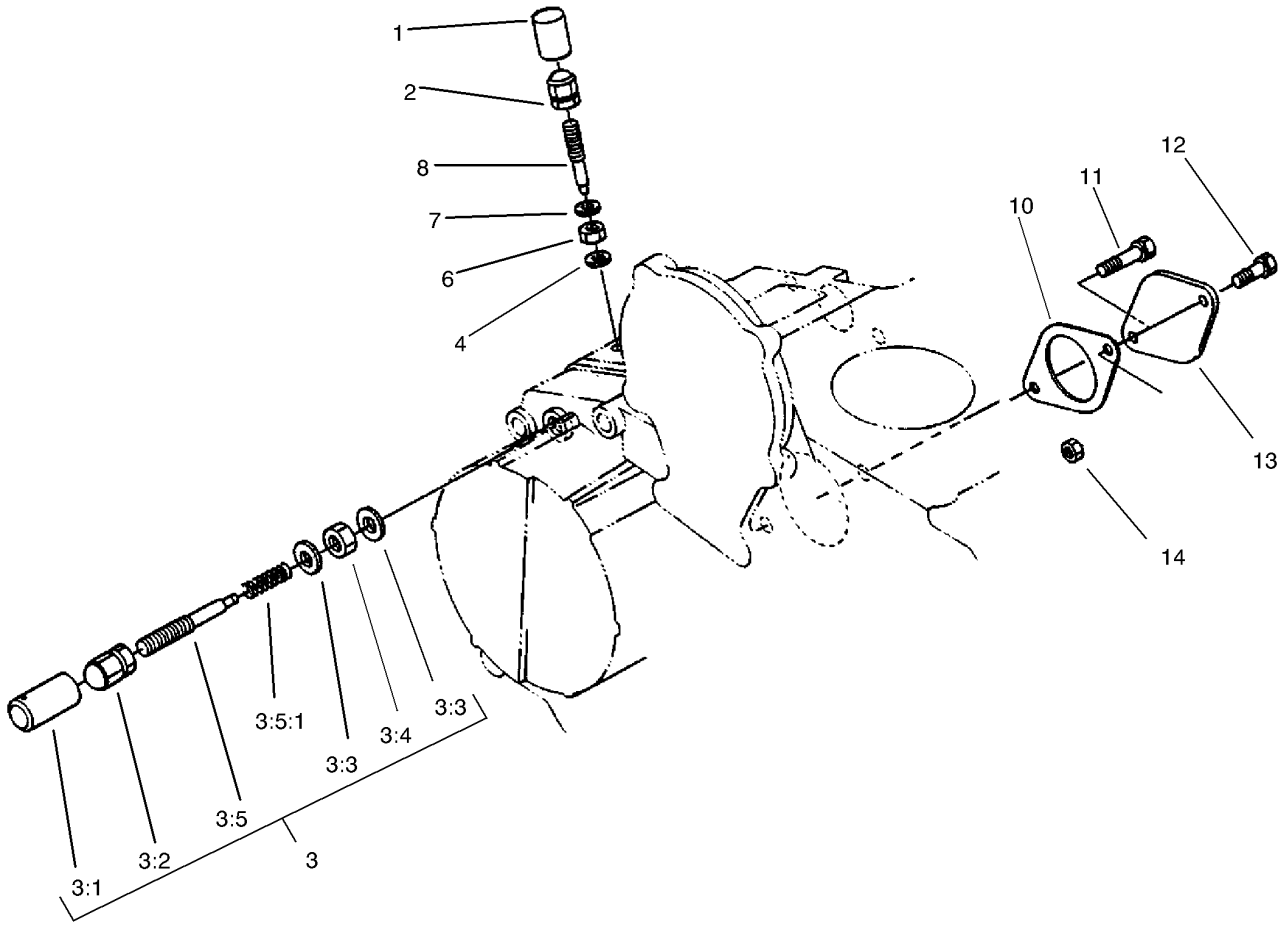

# Flywheel Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9486 | 1 | Plate-End, Rear |
| 2 | 98-9392 | 8 | Bolt |
| 3 | 98-9537 | 6 | Bolt-Flywheel |
| 4 | 98-9691 | 1 | Flywheel ASM |
| 4:1 | 98-9394 | 1 | Gear-Ring |



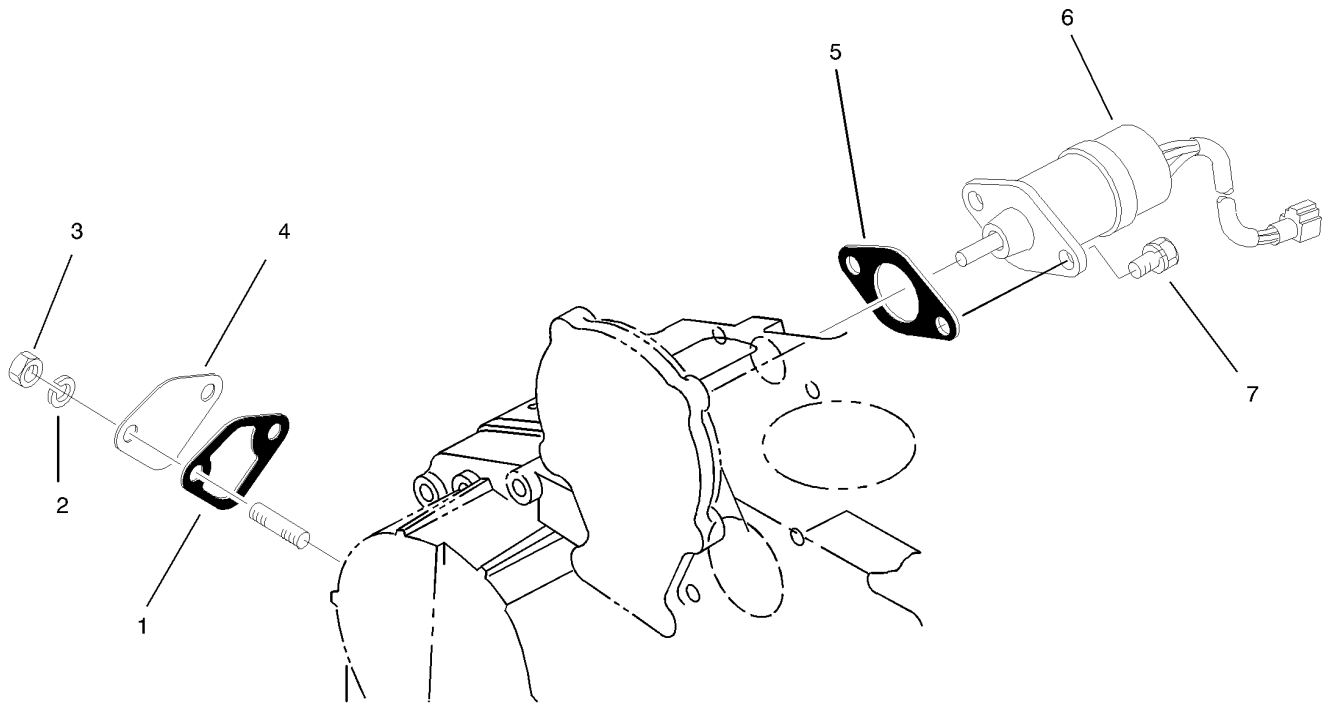

# Fuel Camshaft Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9590 | 1 | Nut-Cap |
| 4 | 98-9669 | 1 | Gear-Pump, Injection |
| 5 | 98-9350 | 2 | Bolt |
| 6 | 98-9511 | 1 | Stopper-Fuel, Camshaft |
| 7 | 98-9383 | 1 | Bearing-Ball |
| 8 | 98-9595 | 1 | Key-Woodruff |
| 9 | 98-9459 | 1 | Camshaft-Fuel |
| 10 | 98-9382 | 1 | Bearing-Ball |
| 11 | 98-9657 | 1 | Clip-Circular, Governor Shaft |
| 12 | 98-9565 | 1 | Screw-Set |
| 13 | 98-9644 | 1 | Governor Shaft ASM |
| 13:1 | 98-9381 | 1 | Bearing-Ball |
| 13:2 | 98-9564 | 1 | Washer-Thrust |
| 13:3 | 98-9563 | 1 | Sleeve-Governor |
| 13:4 | 98-9560 | 2 | Shaft-Weight, Governor |
| 13:5 | 98-9692 | 2 | Roller |
| 13:6 | 98-9559 | 2 | Governor Weight ASM |
| 13:7 | 98-9673 | 1 | Gear-Governor |
| 13:8 | 98-9562 | 1 | Holder-Gear, Governor |
| 13:9 | 98-9561 | 1 | Holder-Weight, Governor |



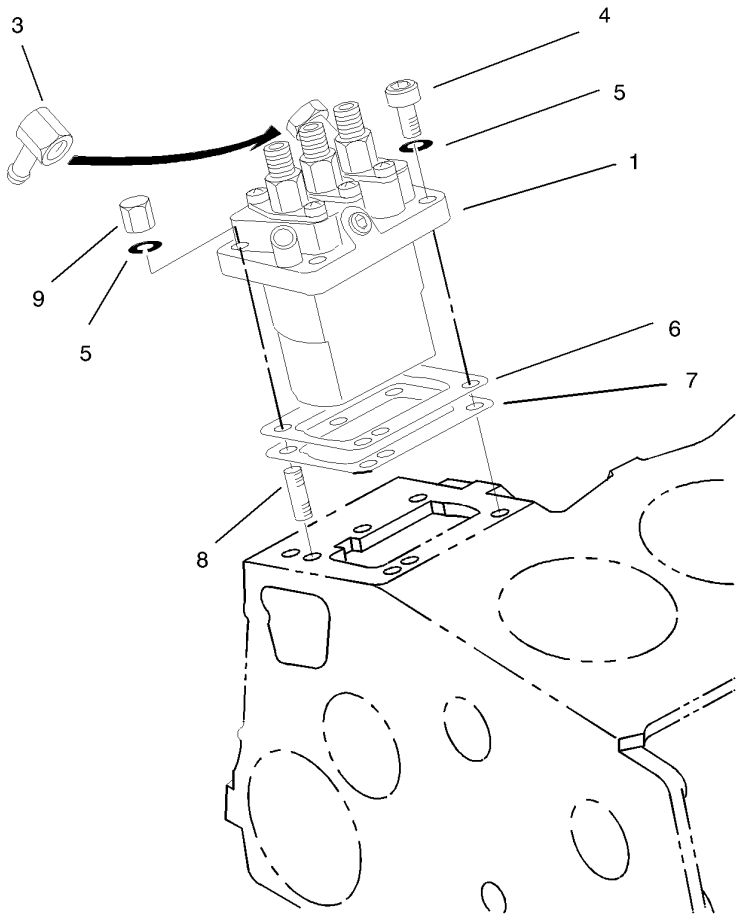

# Engine Stop Lever Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8390 | 1 | Pipe-Lock, Fuel Adj. |
| 2 | 99-8387 | 1 | Nut-Cap |
| 3 | 98-9678 | 1 | Idle Apparatus ASM |
| 3:1 | 98-9558 | 1 | Cap |
| 3:2 | 98-9441 | 2 | Nut-Cap |
| 3:3 | 98-7654 | 2 | Gasket |
| 3:4 | 98-9439 | 2 | Nut |
| 3:5 | 98-9679 | 1 | Adjusting Bolt ASM |
| ❷3:5:1 | | 1 | Spring |
| 4 | 99-8389 | 1 | Gasket |
| 6 | 99-8386 | 2 | Nut |
| 7 | 99-8388 | 1 | Gasket |
| 8 | 98-9557 | 1 | Bolt-Adjusting |
| 10 | 98-9674 | 1 | Packing |
| 11 | 98-7645 | 1 | Bolt |
| 12 | 98-9359 | 1 | Bolt |
| 13 | 98-9640 | 1 | Cover-Pump |
| 14 | 98-7534 | 1 | Nut |



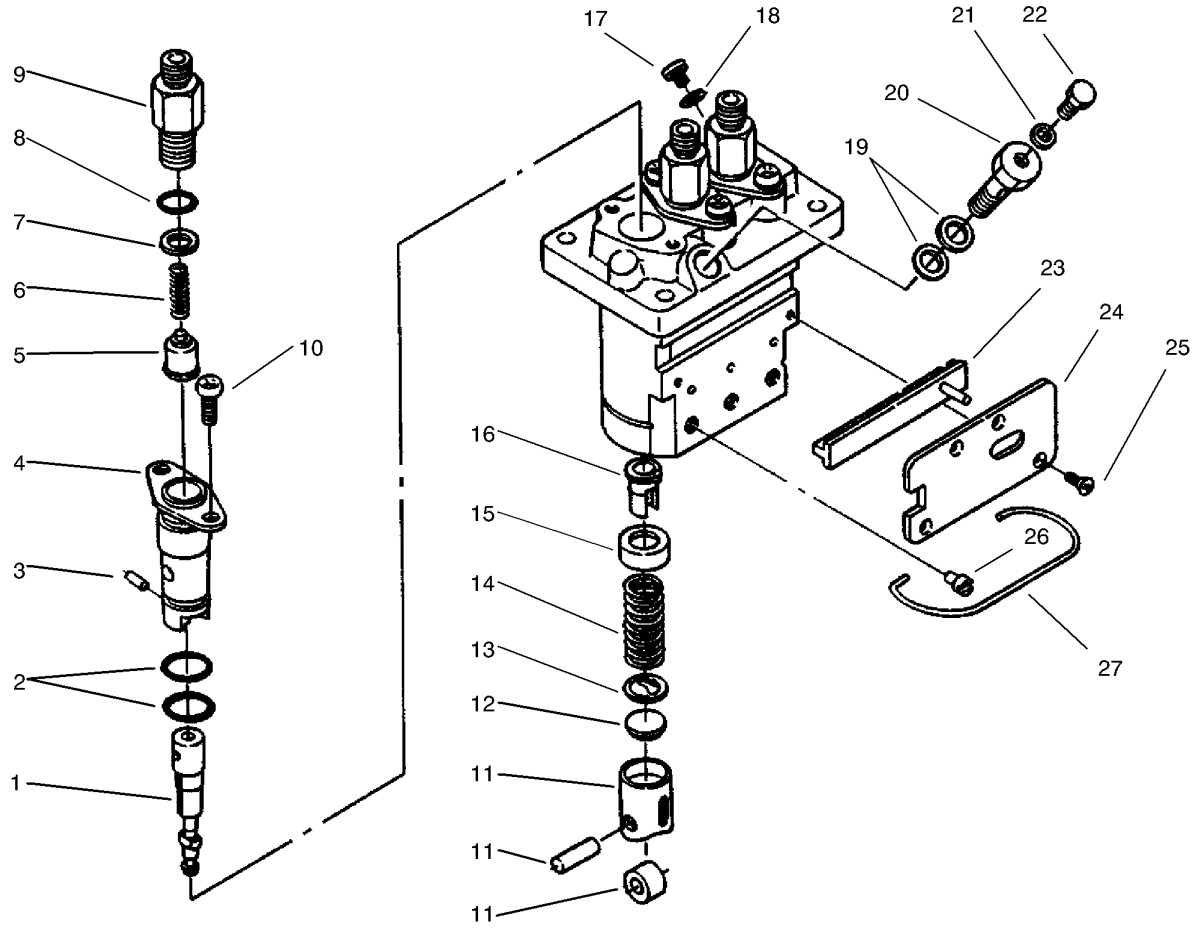

# Stop Solenoid Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9636 | 1 | Gasket-Pump, Fuel |
| 2 | 98-9367 | 2 | Washer-Spring |
| 3 | 98-7572 | 2 | Nut |
| 4 | 99-3514 | 1 | Cover |
| 5 | 98-9683 | 1 | Gasket-Cover, Solenoid |
| 6 | 104-5155 | 1 | Solenoid-Stop |
| 7 | 98-9351 | 2 | Bolt |




# Injection Pump Assembly

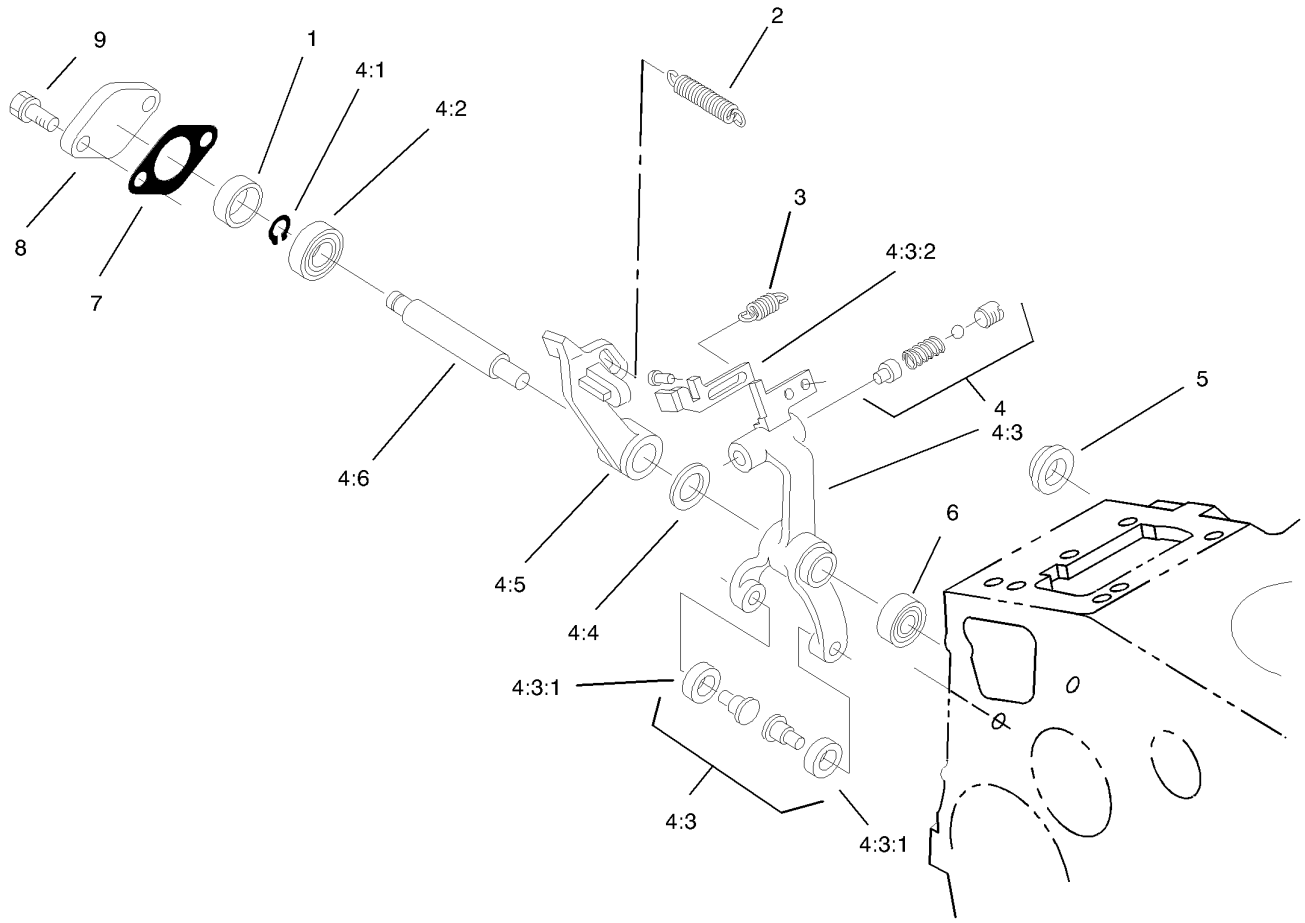
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9643 | 1 | Injection Pump ASM |
| 3 | 98-9596 | 1 | Joint-Eye |
| 4 | 98-9361 | 2 | Bolt-HSH |
| 5 | 98-9367 | 4 | Washer-Spring |
| 6 | 98-9456 | 1 | Shim (0.2mm) |
| 6 | 98-9457 | 1 | Shim-Injection (0.25mm) |
| 7 | 98-9458 | 1 | Shim-Injection (0.30mm) |
| 8 | 98-9438 | 2 | Stud |
| 9 | 98-9440 | 2 | Nut-Cap |




# Injection Pump Assembly No. 98-9643

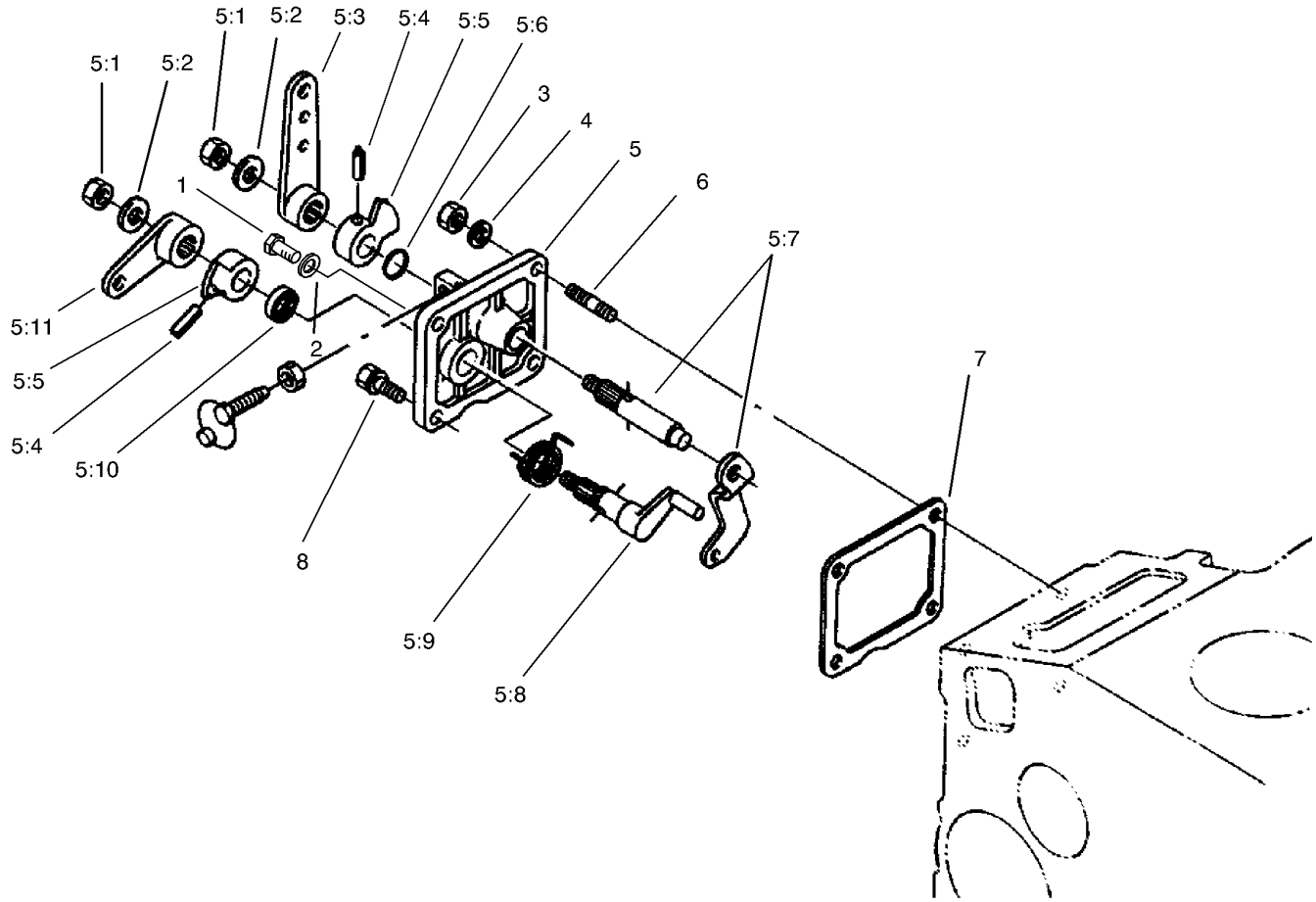
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9462 | 3 | Element-Pump |
| 2 | 98-9423 | 6 | O-Ring |
| 3 | 98-9443 | 3 | Pin-Joint |
| 4 | 98-9434 | 3 | Flange-Sleeve |
| 5 | 98-9421 | 3 | Valve-Delivery |
| 6 | 98-9424 | 3 | Spring-Valve, Delivery |
| 7 | 98-9425 | 3 | Gasket-Valve, Delivery |
| 8 | 98-9447 | 3 | O-Ring |
| 9 | 98-9652 | 3 | Holder-Valve, Delivery |
| 10 | 98-9452 | 6 | Screw |
| 11 | 98-9422 | 3 | Tappet ASM |
| 12 | 98-9433 | 3 | Shim |
| 13 | 98-9429 | 3 | Seat-Spring, Lower |
| 14 | 98-9428 | 3 | Spring-Plunger |
| 15 | 98-9427 | 3 | Seat-Spring, Upper |
| 16 | 98-9432 | 3 | Sleeve-Control |
| 17 | 98-9466 | 1 | Plug |
| 18 | 98-9451 | 1 | Gasket |
| 19 | 98-9445 | 1 | Gasket |
| 20 | 98-9464 | 1 | Bolt-Joint |
| 21 | 98-9446 | 1 | Gasket |
| 22 | 98-9430 | 1 | Screw |
| 23 | 98-9463 | 1 | Control-Rack |
| 24 | 98-9465 | 1 | Plate |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 98-9442 | 4 | Screw |
| 26 | 98-9426 | 3 | Pin-Guide, Tappet |
| 27 | 98-9450 | 1 | Pin-Clamp |



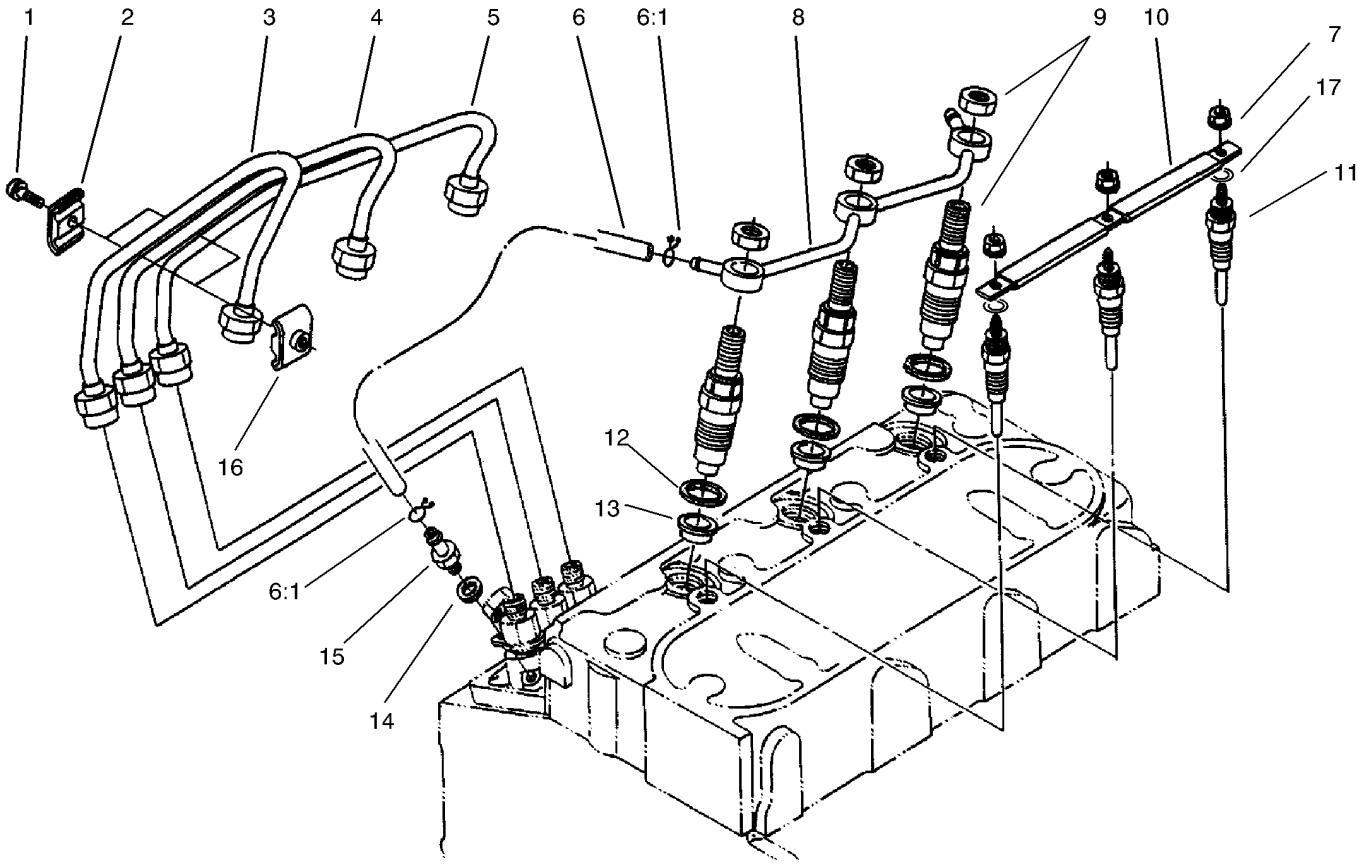

# Governor Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9567 | 1 | Collar |
| 2 | 98-9681 | 1 | Spring-Governor |
| 3 | 98-9645 | 1 | Spring-Start |
| 4 | 98-9680 | 1 | Fork Lever ASM |
| 4:1 | 98-9369 | 1 | Clip-Circular, External |
| 4:2 | 98-9570 | 1 | Bearing-Miniaturize |
| 4:3 | 99-8380 | 1 | Fork Lever ASM |
| 4:3:1 | 98-9692 | 2 | Roller |
| 4:3:2 | 98-9660 | 1 | Lever-Thrust |
| 4:4 | 98-9593 | 1 | Washer-Plain |
| 4:5 | 98-9659 | 1 | Lever-Fork |
| 4:6 | 98-9566 | 1 | Shaft-Lever, Fork |
| 5 | 98-9568 | 1 | Collar |
| 6 | 98-9571 | 1 | Bearing-Miniaturize |
| 7 | 98-9682 | 1 | Gasket |
| 8 | 98-9569 | 1 | Cover-Shaft, Fork Lever |
| 9 | 98-9351 | 2 | Bolt |



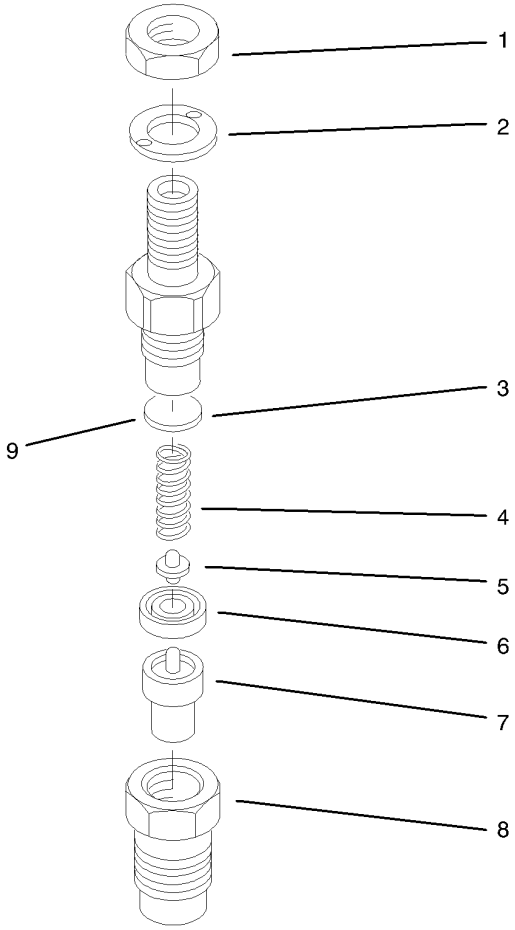

# Speed Control Plate Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8348 | 1 | Bolt |
| 2 | 98-7654 | 1 | Gasket |
| 3 | 98-7572 | 2 | Nut |
| 4 | 98-9367 | 2 | Washer-Spring |
| 5 | 98-9661 | 1 | Control Plate ASM |
| 5:1 | 98-9589 | 2 | Nut |
| 5:2 | 98-9594 | 2 | Washer-Plain |
| 5:3 | 98-9662 | 1 | Lever-Control, Speed |
| 5:4 | 98-7602 | 2 | Pin-Spring |
| 5:5 | 98-9572 | 2 | Lever-Control, Speed |
| 5:6 | 98-9371 | 1 | O-Ring |
| 5:7 | 98-9658 | 1 | Governor Lever ASM |
| 5:8 | 98-9664 | 1 | Shaft-Lever, Stop |
| 5:9 | 98-9472 | 1 | Spring-Return |
| 5:10 | 98-7601 | 1 | Seal-Oil |
| 5:11 | 98-9663 | 1 | Lever-Stop, Engine |
| 6 | 98-9362 | 2 | Stud |
| 7 | 98-9637 | 1 | Gasket |
| 8 | 98-7692 | 1 | Bolt |



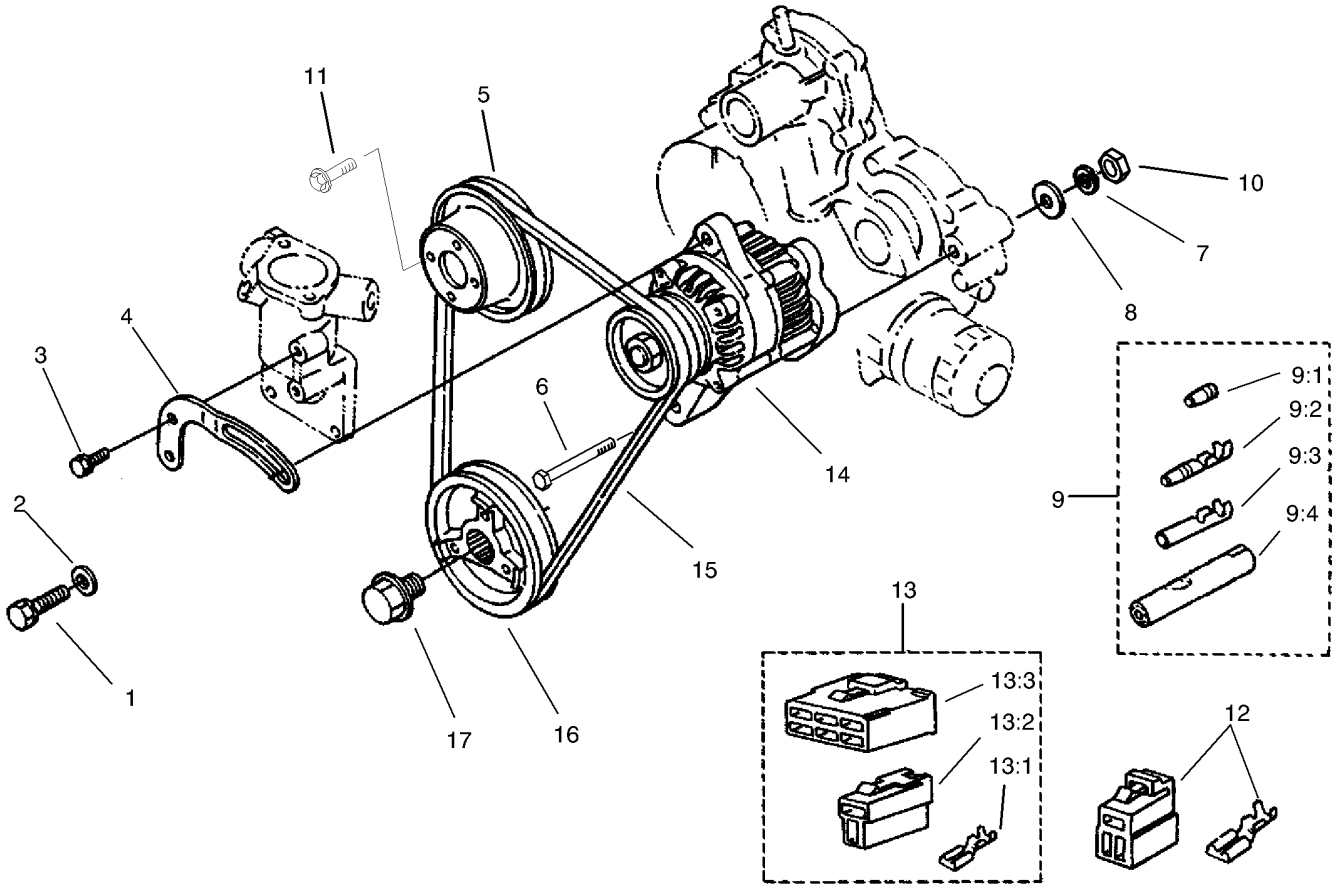

# Nozzle Holder and Glow Plug Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-7684 | 2 | Screw W/washer |
| 2 | 98-7683 | 2 | Clamp-Pipe |
| 3 | 98-9622 | 1 | Pipe-Injection |
| 4 | 98-9654 | 1 | Pipe-Injection |
| 5 | 98-9655 | 1 | Pipe-Injection |
| 6 | 98-9624 | 1 | Overflow Pipe ASM |
| 6:1 | 98-7671 | 2 | Clip-Pipe |
| 7 | 99-8377 | 3 | Nut-Flange |
| 8 | 98-9621 | 1 | Overflow Pipe ASM |
| 9 | 98-9468 | 3 | Nozzle Holder ASM |
| 10 | 98-9631 | 1 | Cord-Plug, Glow |
| 11 | 98-9623 | 3 | Plug-Glow |
| 12 | 98-7676 | 3 | Gasket |
| 13 | 98-7677 | 3 | Seal |
| 14 | 98-7654 | 1 | Gasket |
| 15 | 98-9431 | 1 | Screw-Bleeder |
| 16 | 98-7682 | 2 | Clamp-Pipe |
| 17 | 99-8378 | 3 | Washer-Plain |



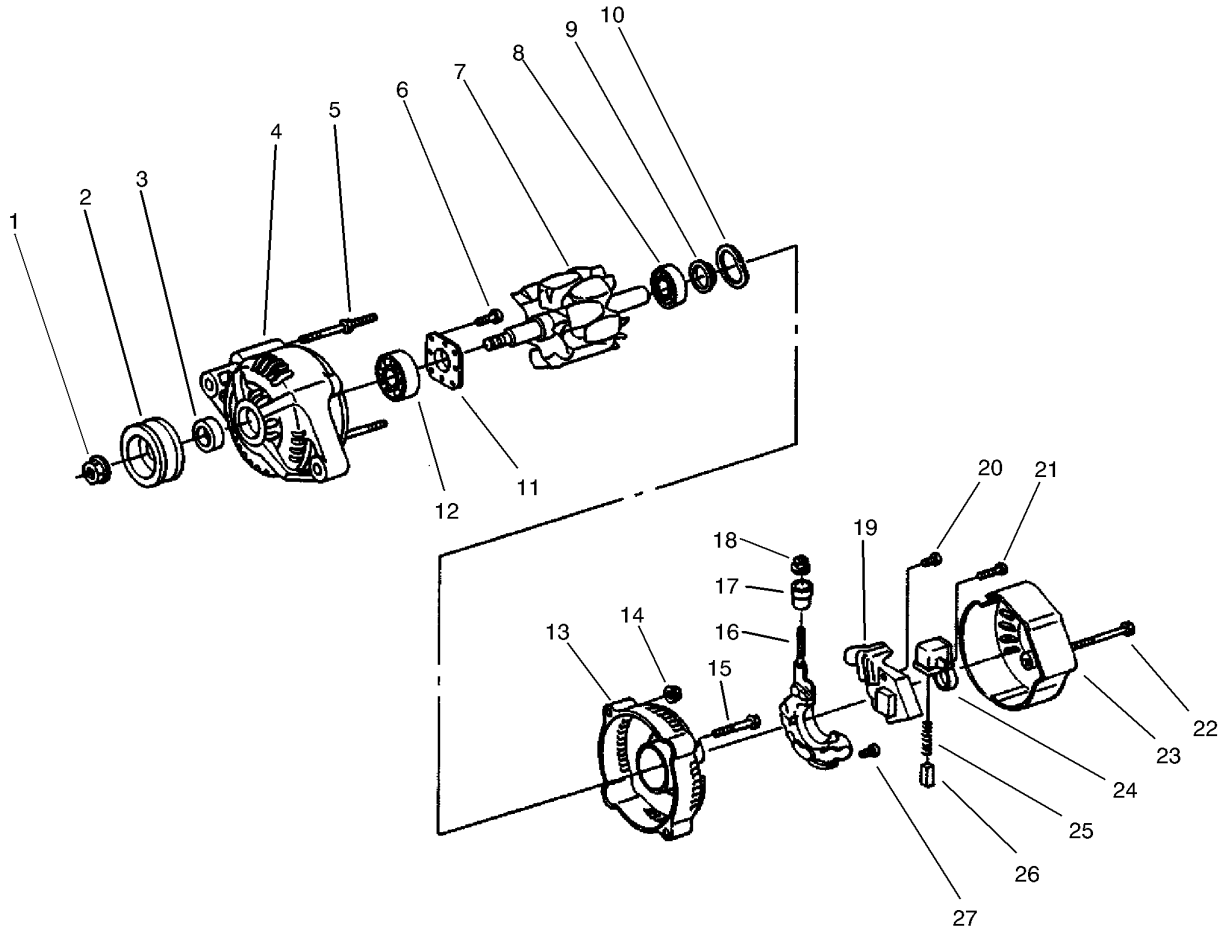

# Nozzle Holder Assembly 98-9468

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8301 | 3 | Nut |
| 2 | 99-8307 | 3 | Washer-Plain |
| 3 | 99-8302 | 3 | Washer-Adjusting |
| 4 | 99-8303 | 3 | Spring-Nozzle |
| 5 | 99-8305 | 3 | Rod-Push |
| 6 | 99-8304 | 3 | Spacer-Distance |
| 7 | 99-8308 | 3 | Piece-Nozzle |
| 8 | 99-8306 | 3 | Nut-Nozzle |
| 9 | 99-8317 | 3 | Washer-Adjust (0.56mm) |
| 9 | 99-8318 | 3 | Washer-Adjust (0.58mm) |
| 9 | 99-8319 | 3 | Washer-Adjust (0.80mm) |
| 9 | 99-8311 | 3 | Washer-Adjust (0.20mm) |
| 9 | 99-8310 | 3 | Washer-Adjust (0.10mm) |
| 9 | 99-8309 | 3 | Adjusting Washer ASM |
| 9 | 99-8316 | 3 | Washer-Adjust (0.54mm) |
| 9 | 99-8315 | 3 | Washer-Adjust (0.52mm) |
| 9 | 99-8314 | 3 | Washer-Adjust (0.50mm) |
| 9 | 99-8313 | 3 | Washer-Adjust (0.40mm) |
| 9 | 99-8312 | 3 | Washer-Adjust (0.30mm) |




# Alternator and Pulley Assembly

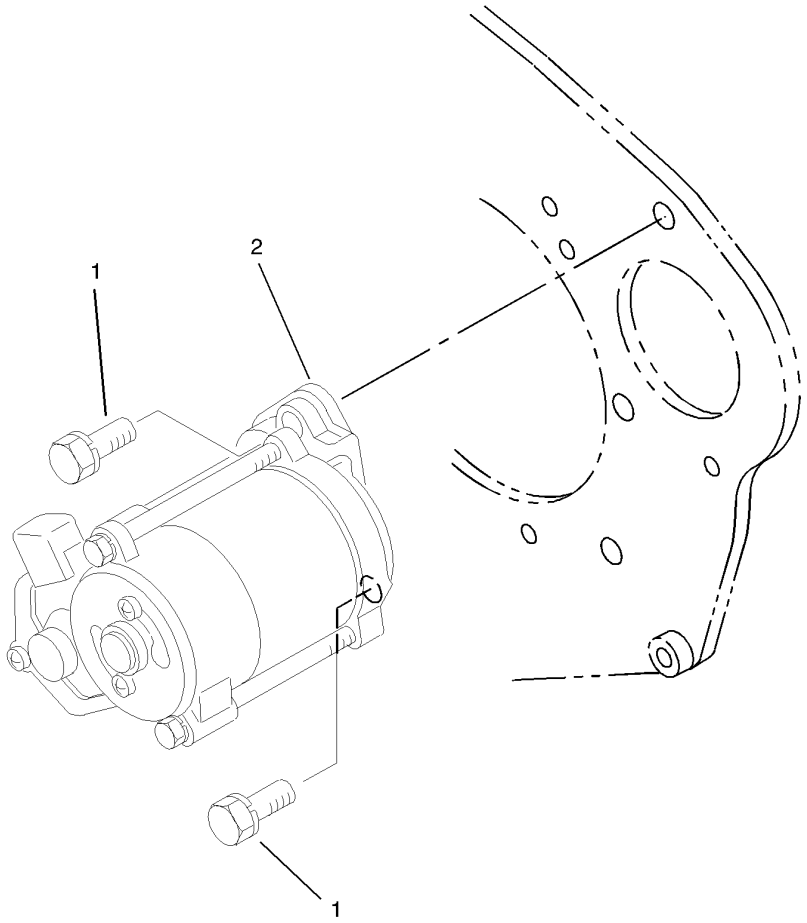
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-7697 | 1 | Bolt |
| 2 | 98-7698 | 1 | Washer-Plain |
| 3 | 98-7692 | 1 | Bolt |
| 4 | 98-9573 | 1 | Stay-Dynamo |
| 5 | 98-9584 | 1 | Pulley-Fan |
| 6 | 98-9360 | 1 | Bolt |
| 7 | 98-9368 | 1 | Washer-Spring |
| 8 | 98-9366 | 1 | Washer-Plain |
| 9 | 98-9700 | 1 | Terminal ASM |
| 9:1 | 98-9701 | 1 | Terminal |
| 9:2 | 98-9702 | 1 | Sleeve |
| 9:3 | 98-9703 | 1 | Terminal |
| 9:4 | 98-9704 | 1 | Sleeve |
| 10 | 98-7737 | 1 | Nut |
| 11 | 99-8363 | 4 | Bolt-Flange |
| 12 | 98-9602 | 1 | Lock Coupler ASM |
| 13 | 98-9696 | 1 | Coupler ASM |
| 13:1 | 98-9699 | 7 | Terminal |
| 13:2 | 98-9698 | 1 | Connector |
| 13:3 | 98-9697 | 1 | Connector |
| 14 | 98-9474 | 1 | Alternator ASM |
| 15 | 98-9676 | 1 | V-Belt |
| 16 | 104-1247 | 1 | Pulley-Fan Drive |
| 17 | 98-9585 | 1 | Bolt |




# Alternator Assembly No. 98-9474

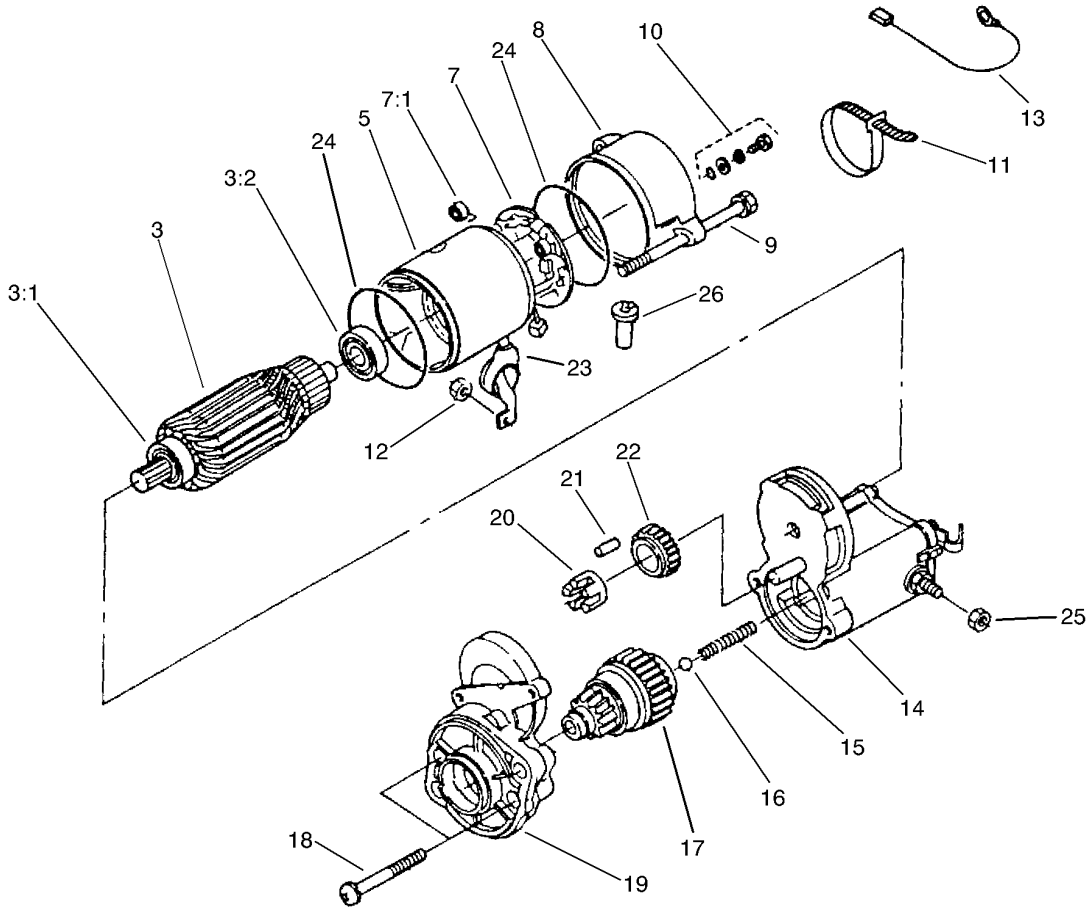
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-7708 | 1 | Nut |
| 2 | 98-9453 | 1 | Pulley-Dynamo |
| 3 | 98-7709 | 1 | Collar |
| 4 | 98-7714 | 1 | Frame-End, Drive |
| 5 | 98-7717 | 2 | Bolt-Through |
| 6 | 98-7716 | 4 | Screw-Head, Round |
| 7 | 98-7710 | 1 | Rotor |
| 8 | 98-7712 | 1 | Bearing-Ball |
| 9 | 98-7711 | 1 | Cover-Bearing |
| 10 | 98-7713 | 1 | Washer-Thrust |
| 11 | 98-7715 | 1 | Plate-Retainer |
| 12 | 98-7718 | 1 | Bearing-Ball |
| 13 | 98-7719 | 1 | Frame-End |
| 14 | 98-7730 | 2 | Nut |
| 15 | 98-7731 | 2 | Bolt |
| 16 | 98-7721 | 1 | Rectifier ASM |
| 17 | 98-7722 | 1 | Bushing-Insulation |
| 18 | 98-7732 | 1 | Nut |
| 19 | 98-7733 | 1 | Regulator ASM |
| 20 | 98-7726 | 2 | Screw-Head, Round |
| 21 | 98-7728 | 1 | Screw-Head, Round |
| 22 | 98-7729 | 3 | Bolt |
| 23 | 98-7720 | 1 | Cover-End |
| 24 | 98-7723 | 1 | Holder-Brush |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 98-7725 | 2 | Spring-Brush |
| 26 | 98-7724 | 2 | Brush |
| 27 | 98-7727 | 6 | Screw-Head, Round |




# Starter Mount Assembly

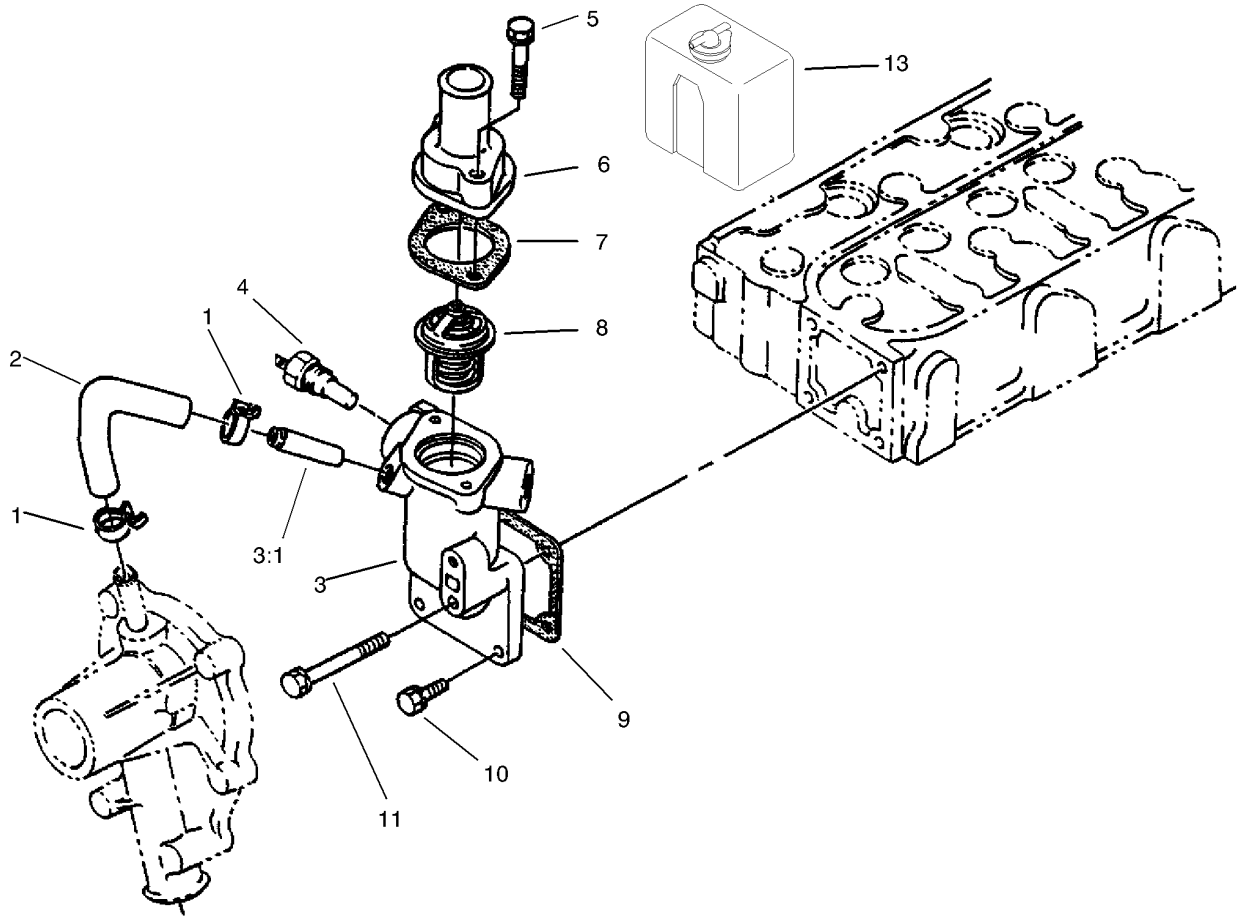
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-7697 | 2 | Bolt |
| 2 | 98-9705 | 1 | Starter ASM |




# Starter Assembly No. 98-9705

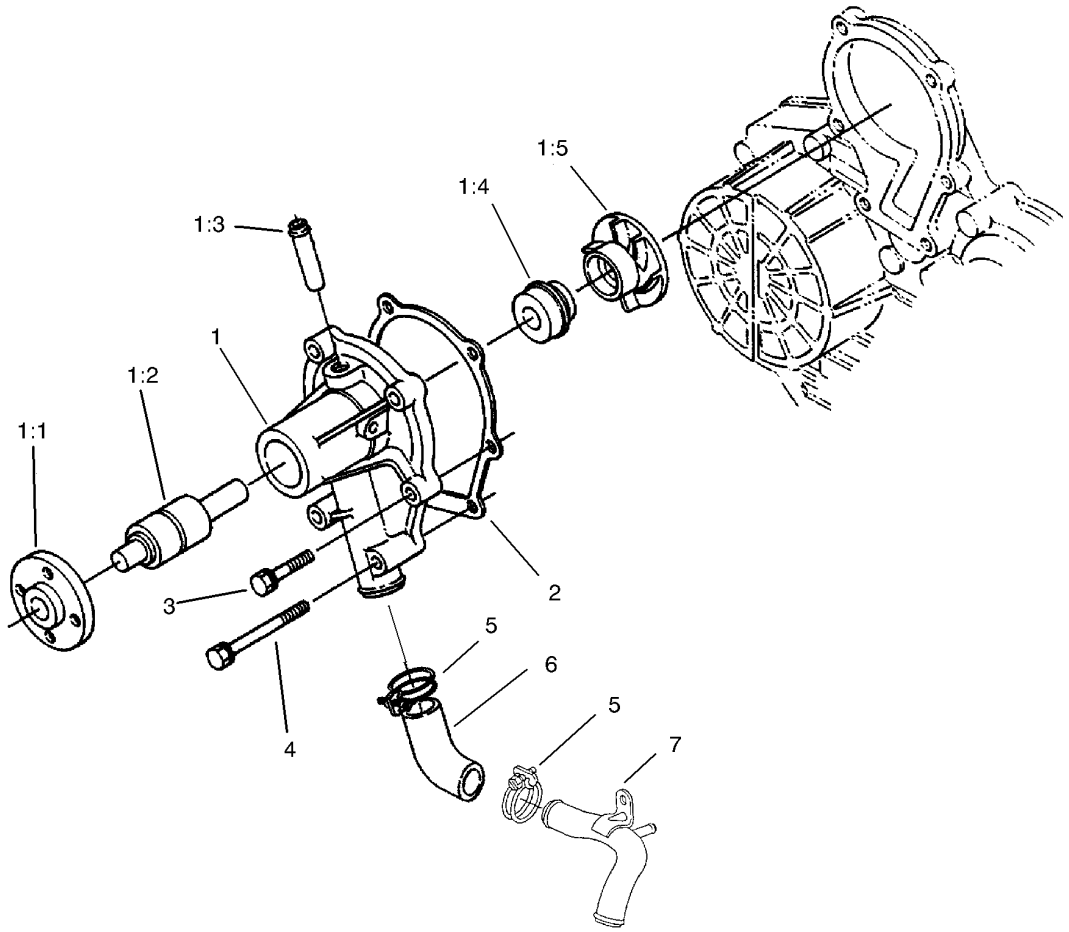
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 3 | 98-7742 | 1 | Armature ASM |
| 3:1 | 98-7743 | 1 | Bearing |
| 3:2 | 98-7744 | 1 | Bearing |
| 5 | 98-7741 | 1 | Yoke ASM |
| 7 | 98-7749 | 1 | Brush Holder ASM |
| 7:1 | 98-7750 | 4 | Spring-Brush |
| 8 | 99-8370 | 1 | Frame-End |
| 9 | 98-9549 | 2 | Bolt |
| 10 | 98-7758 | 2 | Bolt ASM |
| 11 | 98-9712 | 1 | Band-Cover |
| 12 | 99-8371 | 1 | Nut-Hex |
| 13 | 98-9711 | 1 | Cord-Solenoid, Stop |
| 14 | 99-8372 | 1 | Magnetic Switch ASM |
| 15 | 98-7754 | 1 | Spring |
| 16 | 98-7755 | 1 | Ball |
| 17 | 99-8373 | 1 | Clutch-Running, Over |
| 18 | 98-7756 | 2 | Bolt |
| 19 | 99-8374 | 1 | Frame-End, Drive |
| 20 | 98-7752 | 1 | Retainer |
| 21 | 98-7753 | 5 | Roller |
| 22 | 98-7751 | 1 | Gear |
| 23 | 99-8375 | 1 | Cover |
| 24 | 98-7757 | 2 | O-Ring |
| 25 | 99-8376 | 1 | Nut-Hex |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 98-7759 | 1 | Pipe-Drain |



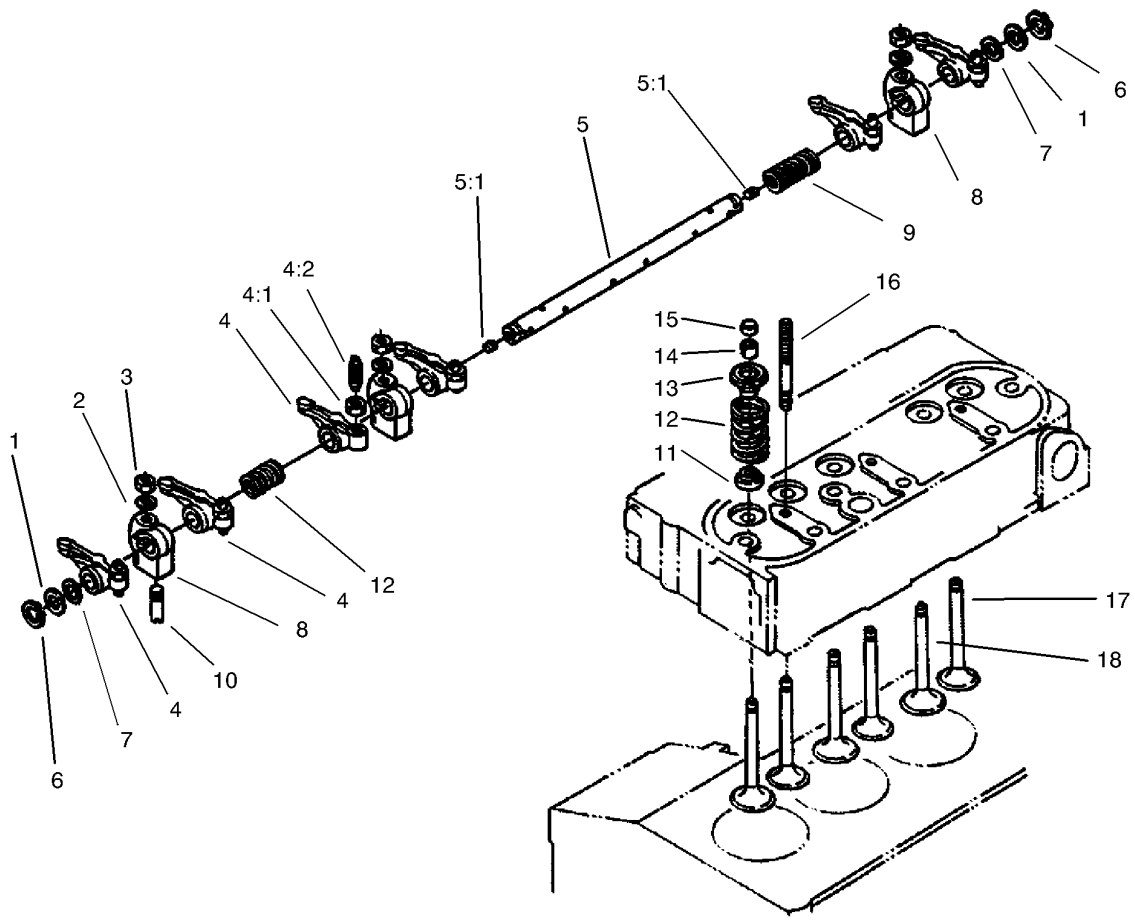

# Water Flange and Thermostat Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9579 | 2 | Band-Pipe |
| 2 | 98-9578 | 1 | Pipe-Return, Water |
| 3 | 98-9713 | 1 | Water Flange ASM |
| 3:1 | 98-9580 | 1 | Pipe-Return, Water |
| 4 | 98-9719 | 1 | Thermoswitch |
| 5 | 98-7777 | 2 | Bolt |
| 6 | 98-9471 | 1 | Cover-Thermostat |
| 7 | 98-7776 | 1 | Gasket |
| 8 | 98-7778 | 1 | Thermostat ASM |
| 9 | 98-9638 | 1 | Gasket-Flange, Water |
| 10 | 98-7692 | 3 | Bolt |
| 11 | 98-9356 | 1 | Bolt |
| 13 | 104-9318 | 1 | Bottle-Overflow |



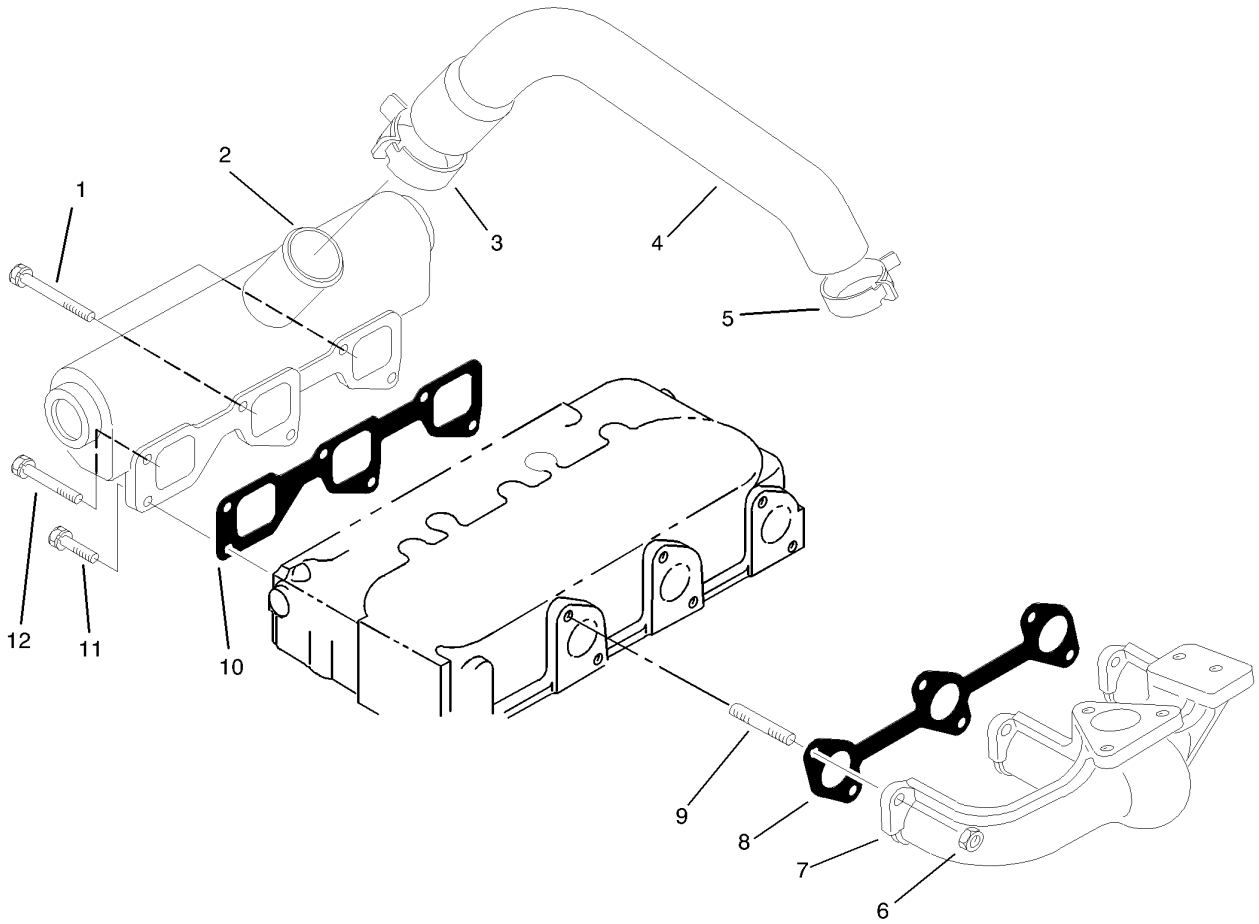

# Water Pump Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9575 | 1 | Water Pump ASM |
| 1:1 | 98-9582 | 1 | Flange-Pump, Water |
| 1:2 | 98-9583 | 1 | Bearing |
| 1:3 | 98-9577 | 1 | Pipe-Return, Water |
| 1:4 | 98-9576 | 1 | Mechanical Seal ASM |
| 1:5 | 98-9581 | 1 | Impeller-Pump, Water |
| 2 | 98-9632 | 1 | Gasket-Pump, Water |
| 3 | 98-9353 | 1 | Bolt |
| 4 | 98-9357 | 4 | Bolt |
| 5 | 98-9717 | 2 | Clamp |
| 6 | 98-9574 | 1 | Pipe-Water |
| 7 | 99-8379 | 1 | Pipe-Water |



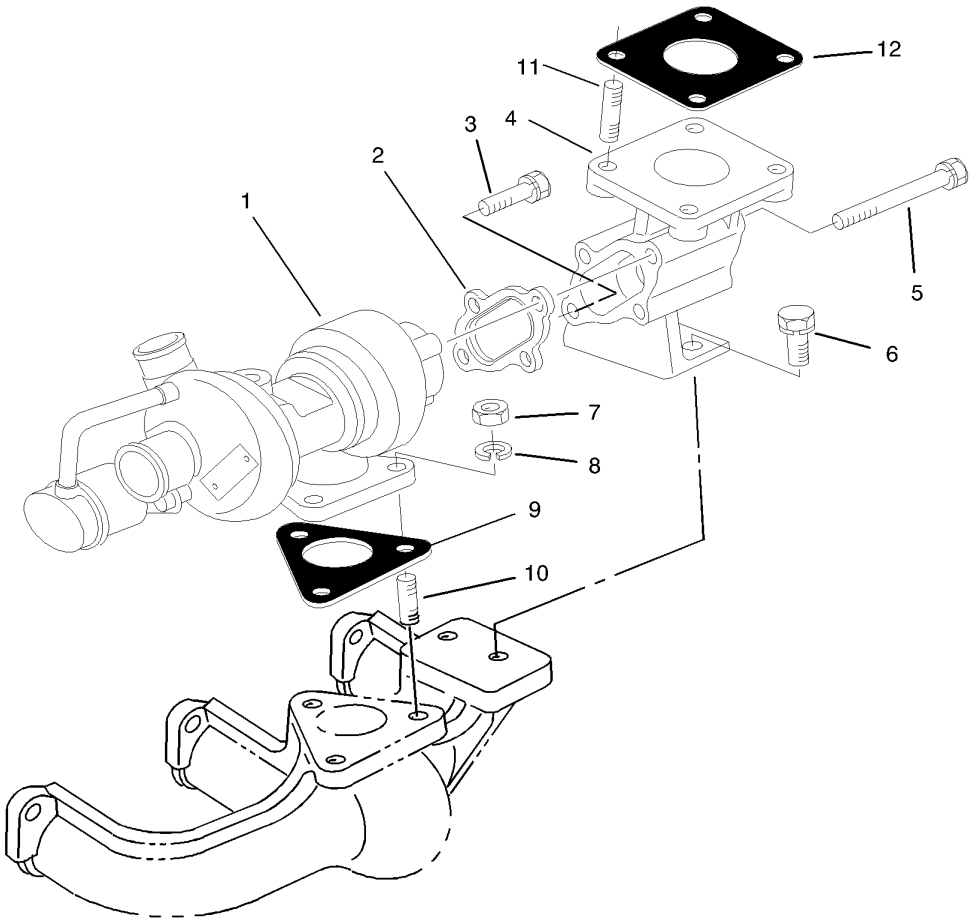

# Valve and Rocker Arm Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98-9508 | 2 | Washer-Shaft, R-Arm |
| 2 | 98-9385 | 3 | Washer-Flat |
| 3 | 98-9393 | 3 | Nut |
| 4 | 98-9501 | 6 | Rocker Arm ASM |
| 4:1 | 98-9503 | 6 | Nut |
| 4:2 | 98-9502 | 6 | Screw-Adjusting |
| 5 | 98-9612 | 1 | R-Arm Shaft ASM |
| 5:1 | 98-9365 | 2 | Screw-Set |
| 6 | 98-9370 | 2 | Clip-Circular, External |
| 7 | 98-9507 | 2 | Washer-Shaft, R-Arm |
| 8 | 98-9505 | 3 | Bracket-Arm, Rocker |
| 9 | 98-9504 | 2 | Spring-Arm, Rocker |
| 10 | 98-9391 | 1 | Screw-Set, Rocker Arm |
| 11 | 98-9496 | 6 | Seat-Stem, Valve |
| 12 | 98-9626 | 6 | Spring-Valve |
| 13 | 98-9498 | 6 | Retainer-Valve |
| 14 | 98-9390 | 6 | Collet-Set, Valve Spring |
| 15 | 98-9497 | 6 | Cap-Valve |
| 16 | 98-9506 | 3 | Stud |
| 17 | 98-9625 | 3 | Valve-Exhaust |
| 18 | 98-9494 | 3 | Valve-Inlet |




# Exhaust Manifold and Gasket Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8320 | 2 | Bolt |
| 2 | 99-8321 | 1 | Manifold-Inlet |
| 3 | 99-8322 | 1 | Band-Pipe |
| 4 | 99-8323 | 1 | Hose-Inlet |
| 5 | 99-8324 | 1 | Band-Pipe |
| 6 | 98-9665 | 6 | Nut |
| 7 | 99-8326 | 1 | Manifold-Exhaust |
| 8 | 99-8327 | 1 | Gasket-Manifold, Exhaust |
| 9 | 98-9588 | 6 | Stud |
| 10 | 99-8329 | 1 | Gasket-Manifold, Intake |
| 11 | 98-7568 | 3 | Bolt |
| 12 | 98-7496 | 1 | Bolt |




# Turbo Charger Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 99-8332 | 1 | Turbo Charger ASM |
| 2 | 99-8333 | 1 | Gasket |
| 3 | 99-8334 | 1 | Bolt |
| 4 | 99-8335 | 1 | Flange-Muffler |
| 5 | 99-8336 | 3 | Bolt |
| 6 | 98-7610 | 2 | Bolt |
| 7 | 98-7534 | 3 | Nut |
| 8 | 99-8339 | 3 | Washer-Spring |
| 9 | 99-8340 | 1 | Gasket |
| 10 | 99-8341 | 3 | Stud |
| 11 | 99-8342 | 4 | Stud |
| 12 | 99-8343 | 1 | Gasket-Muffler |

# NOTES

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