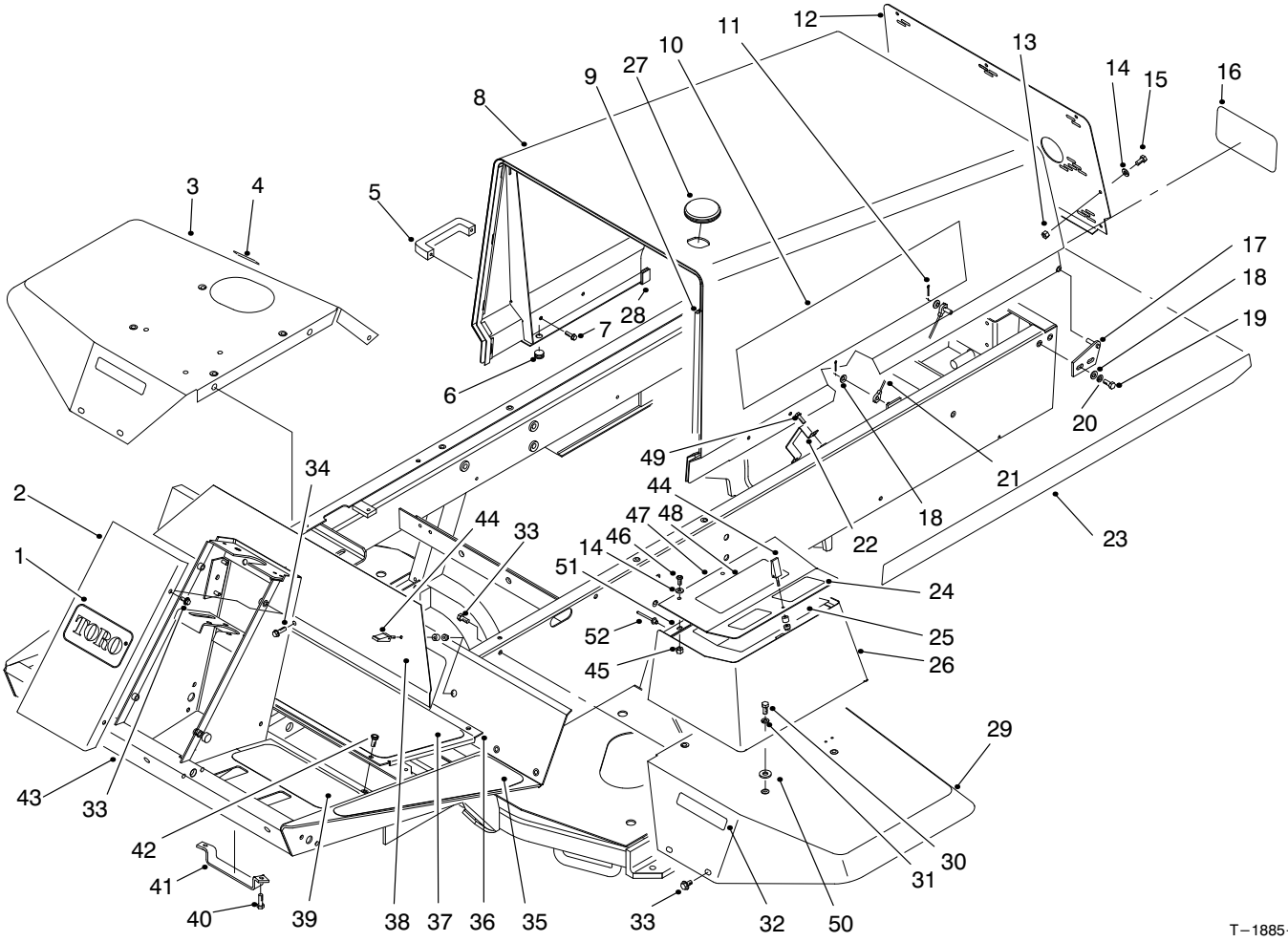
FORM NO. 3322–528

TORO®

MODEL NO. 03540–90400 & UP

PARTS CATALOG

# REELMASTER® 5200D 2WD
## TRACTION UNIT




T–1885–8

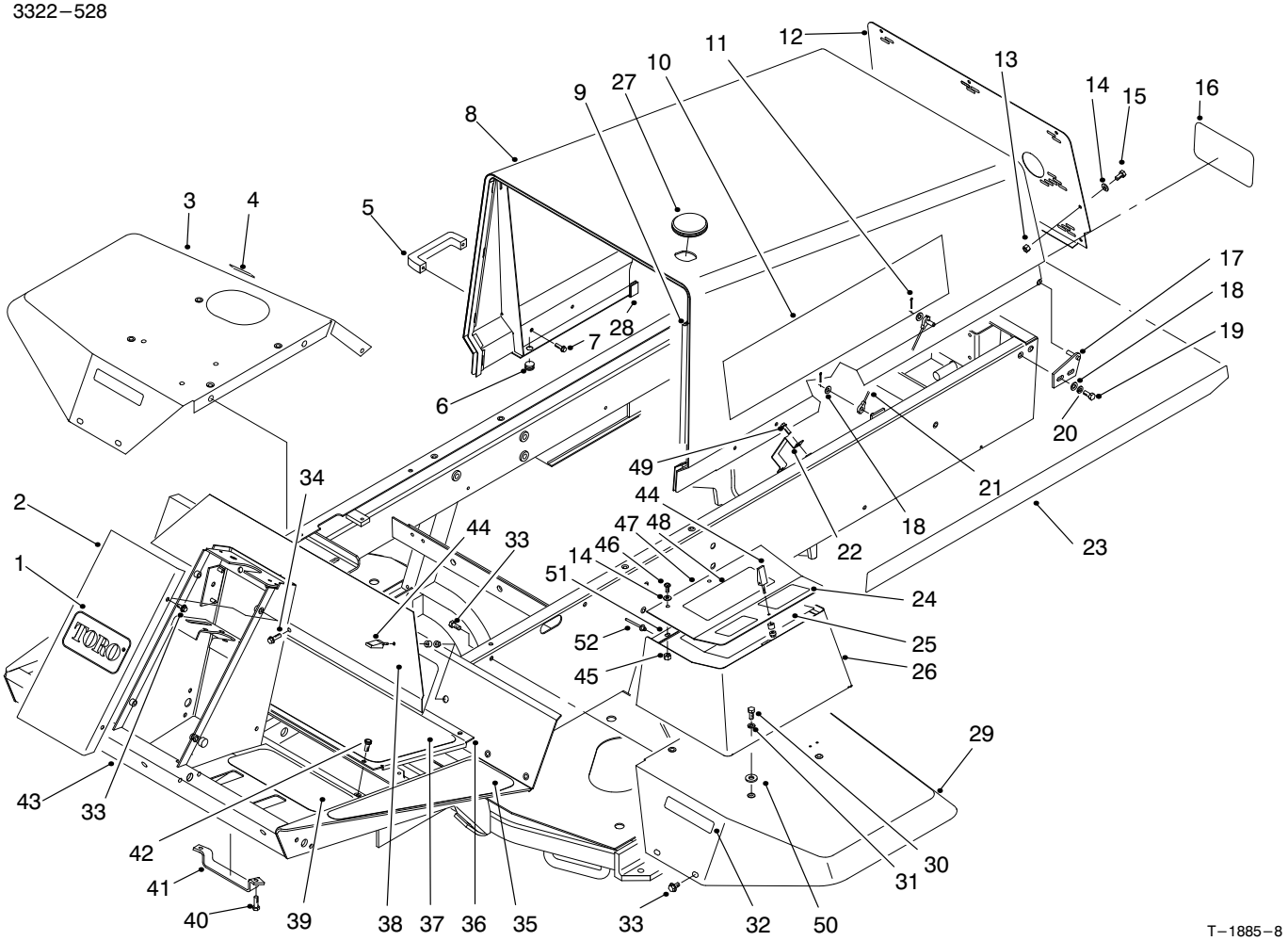
## FRAME & BODY ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 62–5550 | Decal–TORO | 1 |
| 2 | 75–1420 | Cover–Steering Tower | 1 |
| 3 | 93–7579 | Fender–RH | 1 |
| 4 | 93–6686 | Decal–Hyd. Oil | 1 |
| 5 | 65–5100 | Handle | 2 |
| 6 | 237–141 | Bumper | 2 |
| 7 | 46–8091 | Screw–HH | 4 |
| 8 | 98–9319 | Hood | 1 |
| 9 | 93–0081 | Strip–Seal | 1 |
| 10 | 98–4521 | Decal–Reelmaster® 5200D | 2 |
| 11 | 3272–4 | Pin–Cotter | 2 |
| 12 | 98–4573 | Screen–Hood | 1 |
| 13 | 3296–42 | Nut–Lock | 7 |
| 14 | 3256–1 | Washer–Flat | 10 |
| 15 | 321–39 | Screw–HH | 7 |
| 16 | 62–7400 | Decal–TORO | 1 |
| 17 | 63–6900 | Hinge–Hood LH | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 63–6890 | Hinge–Hood RH | 1 |
| 18 | 3256–23 | Washer–Flat | 6 |
| 19 | 322–5 | Screw–HH | 4 |
| 20 | 3253–4 | Washer–Lock | 4 |
| 21 | 75–0570 | Cable–Hood | 1 |
| 22 | 98–4572 | Bracket–Hose | 1 |
| 23 | 92–5751 | Decal–Hood Trim LH | 1 |
| * | 92–5752 | Decal–Hood Trim RH | 1 |
| 24 | 93–6698 | Decal–Warning | 1 |
| 25 | 98–9340 | Decal–Service | 1 |
| 25 | 95–0832 | Decal–Service, Blank (Europe) | 1 |
| 26 | 75–5810 | Tool Box | 1 |
| 27 | 98–9314 | Plug–Hood | 1 |
| 28 | 99–8975 | Strip–Seal | 1 |
| 29 | 75–3860 | Fender–LH | 1 |
| 30 | 322–3 | Screw–HH | 4 |

* Not Illustrated

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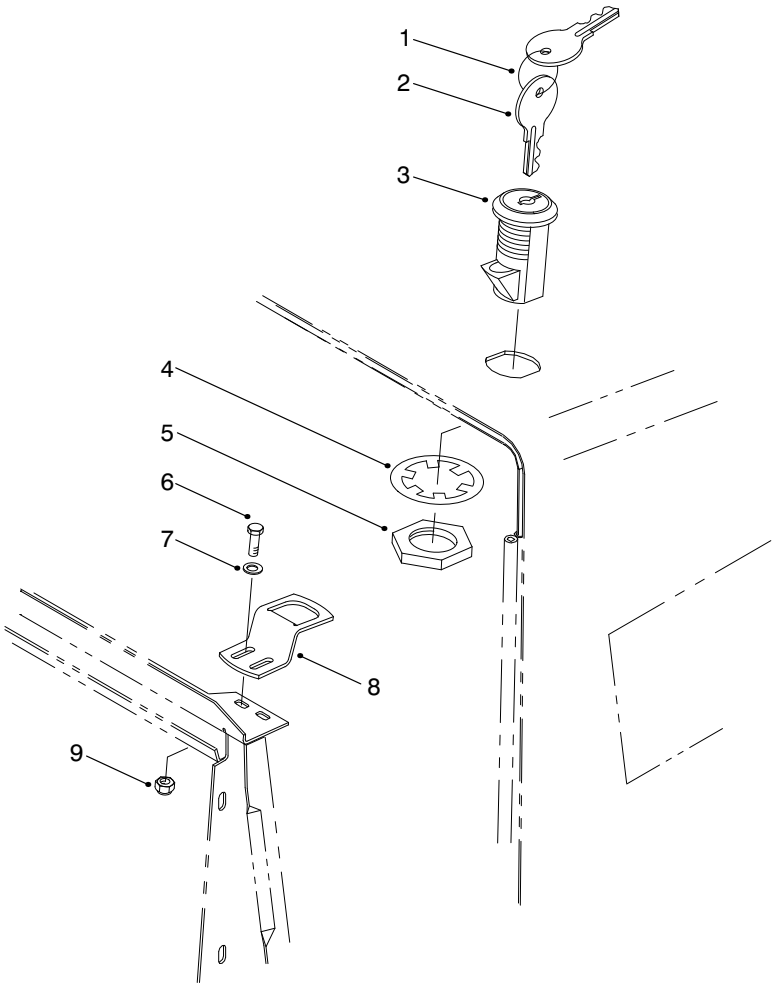



# FRAME & BODY ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 31 | 3256–3 | Washer–Flat | 4 |
| 32 | 93–6689 | Decal–No Riders | 2 |
| 33 | 3234–14 | Screw–HWH | 14 |
| 34 | 3234–5 | Screw–HHF | 1 |
| 35 | 75–0650 | Tread–Footrest LH | 1 |
| * | 75–0640 | Tread–Footrest RH | 1 |
| 36 | 75–1410 | Panel–Floor | 1 |
| 37 | 75–0630 | Tread–Foot Center | 1 |
| 38 | 75–1390 | Panel–Access | 1 |
| 39 | 75–0620 | Tread–Foot LH | 1 |
| * | 75–0610 | Tread–Foot RH | 1 |
| 40 | 322–4 | Screw–HH | 2 |
| 41 | 93–3626 | Bracket–Hose | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 42 | 75–6840 | Knob–Knurled | 3 |
| 42 | 3234–7 | Screw–HHF (Europe) | 1 |
| 43 | 98–4549 | Asm–Frame | 1 |
| 44 | 74–5950 | Asm–Swell Latch | 3 |
| 45 | 32128–33 | Nut–Flange Head | 3 |
| 46 | 3258–166 | Screw–PPH | 3 |
| 47 | 75–6260 | Cover–Tool Box | 1 |
| 48 | 93–8051 | Decal–Warning | 1 |
| 49 | 32144–14 | Screw–HWH | 2 |
| 50 | 66–2920 | Washer–Nylon | 4 |
| 51 | 75–5780 | Hinge–Cover | 1 |
| 52 | 93–8744 | Rivet | 3 |
| 53 | 98–9315 | Switch–Lock, Hood | 1 |

*Not Illustrated

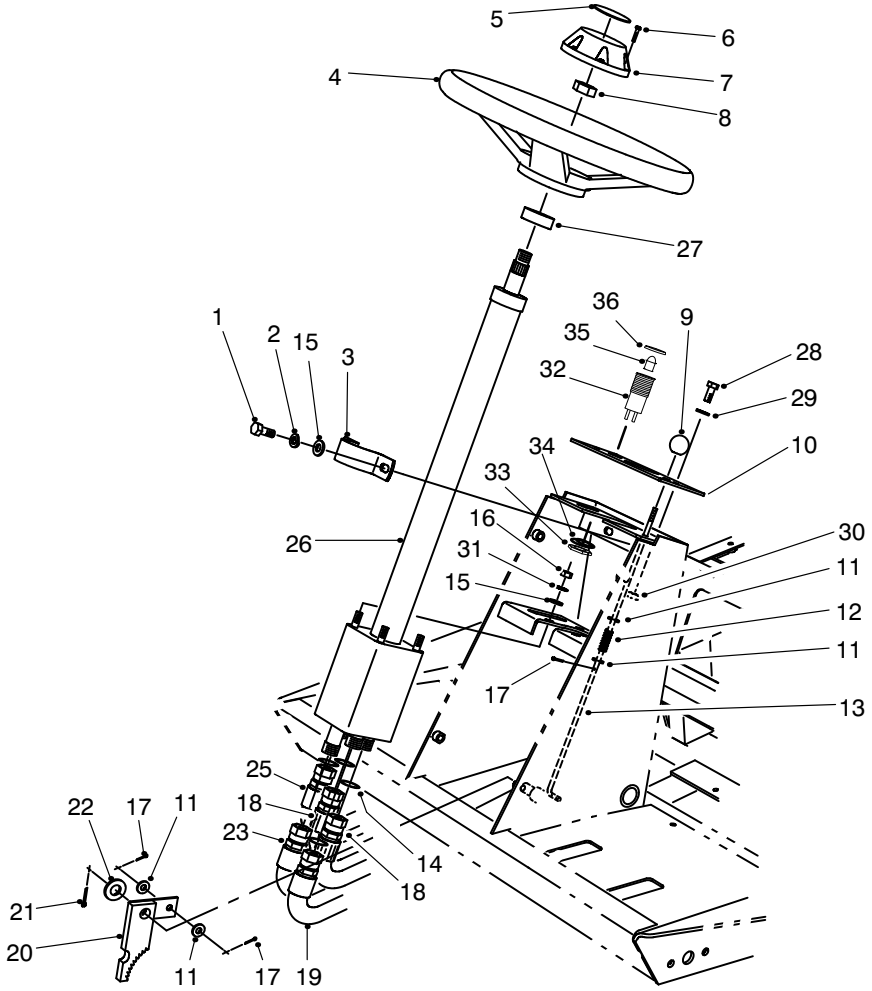



T–3095

# HOOD SWITCH & LOCK ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9321 | Ring–key | 1 |
| 2 | 99–8350 | Key–Switch | 1 |
| 3 | 98–9315 | Switch–Lock, Hood (Incl. Ref. #4 & 5) | 1 |
| 4 | | Washer–Switch | 1 |
| 5 | | Nut–Switch | 1 |
| 6 | 321–4 | Screw–HH | 2 |
| 7 | 3256–1 | Washer–Flat | 2 |
| 8 | 98–9316 | Bracket–Latch, Hood | 1 |
| 9 | 3296–16 | Nut–Lock | 2 |

*Not Illustrated



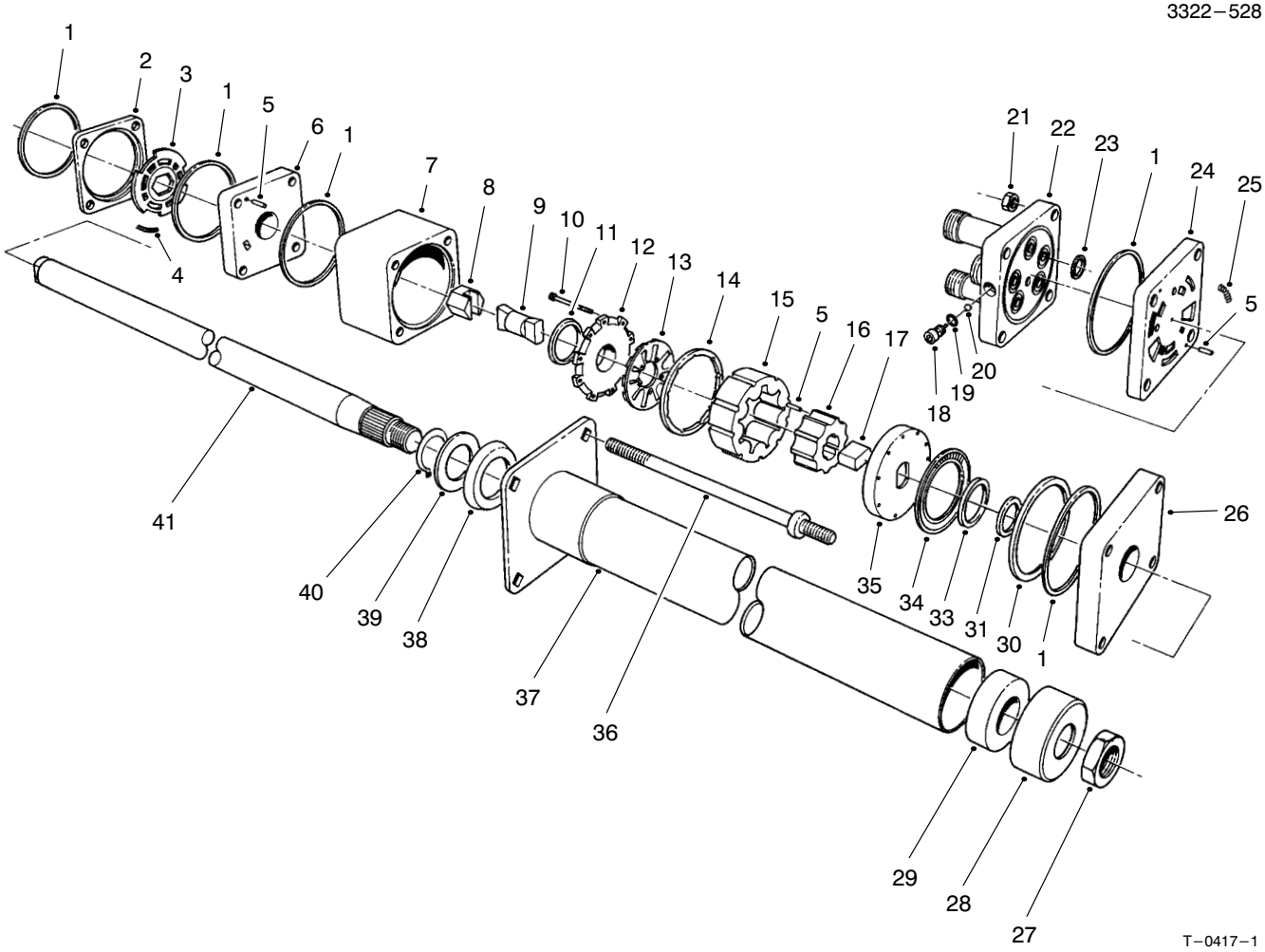

T−1044−2

# STEERING TOWER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32144−26 | Screw−TAP | 2 |
| 2 | 3253−4 | Washer−Lock | 2 |
| 3 | 75−2810 | Clamp−Steering Valve | 1 |
| 4 | 75−0560 | Asm−Steering Wheel (Incl. Ref. #6−8) | 1 |
| 5 | 68−5370 | Decal−TORO | 1 |
| 6 | 32144−21 | Screw | 1 |
| 7 | 68−5140 | Cap−Steering Wheel | 1 |
| 8 | 3220−6 | Nut−Steering Wheel | 1 |
| 9 | 233−17 | Knob−Parking Brake | 1 |
| 10 | 93−6682 | Panel−Tower | 1 |
| 11 | 3256−22 | Washer−Flat | 4 |
| 12 | 95−1821 | Spring−Compression | 1 |
| 13 | 75−1490 | Rod−Parking Brake | 1 |
| 14 | 237−22 | O−Ring | 5 |
| 15 | 3255−8 | Washer−Lock ETLW | 1 |
| 16 | 3296−20 | Nut−Lock | 4 |
| 17 | 3272−5 | Pin−Cotter | 3 |
| 18 | 75−6230 | Hose−Hydraulic RT | 2 |
| 19 | 75−6240 | Hose−Hydraulic IN | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | 63−7900 | Rack−Parking Brake | 1 |
| 21 | 3272−10 | Pin−Cotter | 1 |
| 22 | 3256−26 | Washer−Flat | 1 |
| 23 | 75−5940 | Hose−Hydraulic AUX | 1 |
| 25 | 75−6250 | Hose−Hydraulic OUT | 1 |
| 26 | 75−0600 | Asm−Steering Valve (Incl. Ref. #14) | 1 |
| 27 | 21−9260 | Seal−Shaft | 1 |
| 28 | 3258−166 | Screw−PPH | 2 |
| 29 | 3256−1 | Washer−Flat | 2 |
| 30 | 3296−42 | Nut−Lock | 2 |
| 31 | 3256−23 | Washer−Flat | 6 |
| 32 | 44−2210 | Asm−Lights, Warning (Incl. Ref. #33−36) | 1 |
| 33 | 218−535 | Nut−Lock | 1 |
| 34 | 218−536 | Washer−Lock | 1 |
| 35 | 93−7480 | Bulb−LED | 1 |
| 36 | 218−533 | Lens−Red | 1 |
| * | 3290−378 | Tie−Cable | 3 |
| * | 3290−410 | Tie−Cable, Push On | 4 |

*Not Illustrated

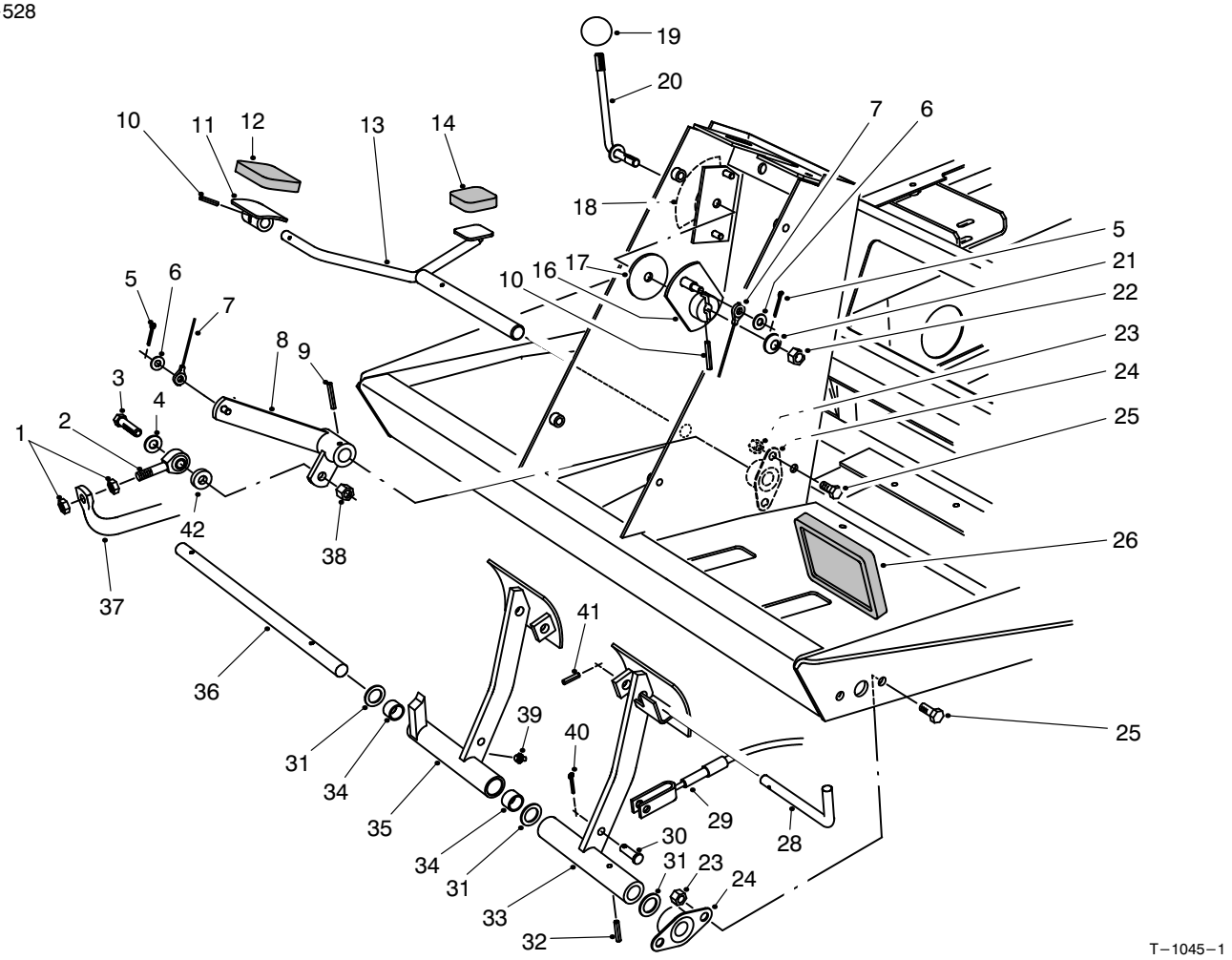



# STEERING VALVE ASSEMBLY No. 75–0600

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Ring–Seal | 5 |
| 2 | | Ring–Valve | 1 |
| 3 | | Plate–Valve | 1 |
| 4 | | Spring | 3 |
| 5 | | Pin–Alignment | 9 |
| 6 | | Manifold–Isolation | 1 |
| 7 | | Ring–Metering | 1 |
| 8 | | Asm–Hex Drive | 1 |
| 9 | | Link–Drive | 1 |
| 10 | | Screw–HSH | 11 |
| 11 | | Seal–Commutator | 1 |
| 12 | | Cover–Commutator | 1 |
| 13 | | Commutator | 1 |
| 14 | | Ring–Commutator | 1 |
| 15 | | Stator | 1 |
| 16 | | Rotor | 1 |
| 17 | | Spacer–Drive Link | 1 |
| 18 | | Plug | 1 |
| 19 | | O–Ring | 1 |
| 20 | | Ball | 1 |
| 21 | | Nut–Hex | 4 |
| 22 | | Cover–Port | 1 |
| 23 | | O–Ring | 5 |
| 24 | | Manifold–Port | 1 |
| 25 | | Spring | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | | Plate–Cover, Upper | 1 |
| 27 | 3220–6 | Nut | 1 |
| 28 | 66–9770 | Seal | 1 |
| 29 | 66–9780 | Bushing | 1 |
| 30 | | Spacer–Bearing, Thrust | 1 |
| 31 | | Spacer–Seal | 1 |
| 33 | | Seal–Face | 1 |
| 34 | | Bearing–Thrust | 1 |
| 35 | | Plate–Drive | 1 |
| 36 | 93–3609 | Bolt–Special | 4 |
| 37 | 66–9860 | Upper Cover & Jacket | 1 |
| 38 | 66–9870 | Plate–Retaining | 1 |
| 39 | 66–9880 | Washer–Retaining Plate | 1 |
| 40 | 66–9890 | Ring–Retaining | 1 |
| 41 | 66–9900 | Shaft–Input | 1 |
| * | 66–9970 | Kit–Spring (Incl. Ref. #4 & 25) | 1 |
| * | 66–9980 | Kit–Seal (Incl. Ref. #1, 11, 19, 23 & 33) | 1 |
| * | 66–9990 | Kit–Needle Roller (Incl. Ref. #5) | 1 |
| * | 75–1340 | Valve–Power Steering (Incl. Ref. #1–26 & 30–36) | 1 |

*Not Illustrated

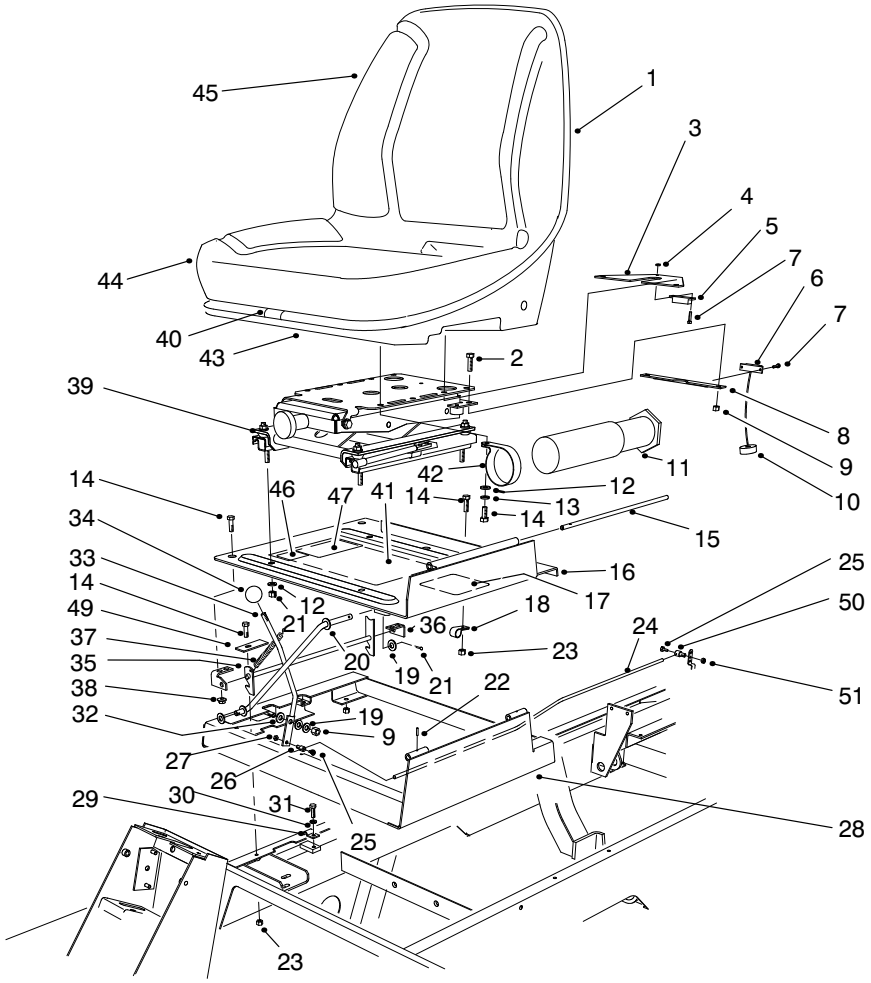



# TRACTION & BRAKE PEDALS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3220−3 | Nut−Jam | 2 |
| 2 | 2411−36 | Bearing−Rod End | 1 |
| 3 | 323−9 | Screw−HH | 1 |
| 4 | 3256−24 | Washer−Flat | 1 |
| 5 | 3272−2 | Pin−Cotter | 2 |
| 6 | 3256−22 | Washer−Flat | 2 |
| 7 | 75−6580 | Cable−Pedal | 1 |
| 8 | 75−3270 | Lever−Traction Pivot | 1 |
| 9 | 32121−6 | Pin−Roll | 1 |
| 10 | 32121−45 | Pin−Roll | 2 |
| 11 | 49−6440 | Plate−Traction Pedal | 1 |
| 12 | 74−9100 | Pad−Forward | 1 |
| 13 | 75−2970 | Pedal−Traction | 1 |
| 14 | 74−9110 | Pad−Reverse | 1 |
| 16 | 75−6510 | Lever−Bracket | 1 |
| 17 | 75−6550 | Disc−Friction | 1 |
| 18 | 93−6699 | Decal−Fast/Slow | 1 |
| 19 | 233−42 | Knob | 1 |
| 20 | 75−6490 | Lever−Pedal Stop | 1 |
| 21 | 3290−461 | Washer−Belleville | 1 |
| 22 | 3296−59 | Nut−Lock | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 3296−29 | Nut−Lock | 8 |
| 24 | 256−236 | Bearing−Flange | 4 |
| 25 | 322−3 | Screw−HH | 8 |
| 26 | 93−8742 | Pad−Brake | 2 |
| 28 | 63−7880 | Pin−Brake Latch | 1 |
| 29 | 63−7733 | Cable−Brake LH | 1 |
| * | 63−7732 | Cable−Brake RH | 1 |
| 30 | 283−58 | Pin−Clevis | 4 |
| 31 | 3256−69 | Washer−Thrust | 3 |
| 32 | 32121−16 | Pin−Roll | 1 |
| 33 | 75−1440 | Pedal−Brake LH | 1 |
| 34 | 256−42 | Bushing−Sleeve | 2 |
| 35 | 75−1430 | Asm−Brake Pedal RH (Incl. Ref. #34 & 39) | 1 |
| 36 | 75−1470 | Shaft−Brake Pedal | 1 |
| 37 | 75−2170 | Tube−Pump Control | 1 |
| 38 | 3296−39 | Nut−Lock | 1 |
| 39 | 302−5 | Fitting−Grease | 1 |
| 40 | 3272−10 | Pin−Cotter | 4 |
| 41 | 32121−50 | Pin−Roll | 1 |
| 42 | 5−0652 | Spacer | 1 |

*Not Illustrated

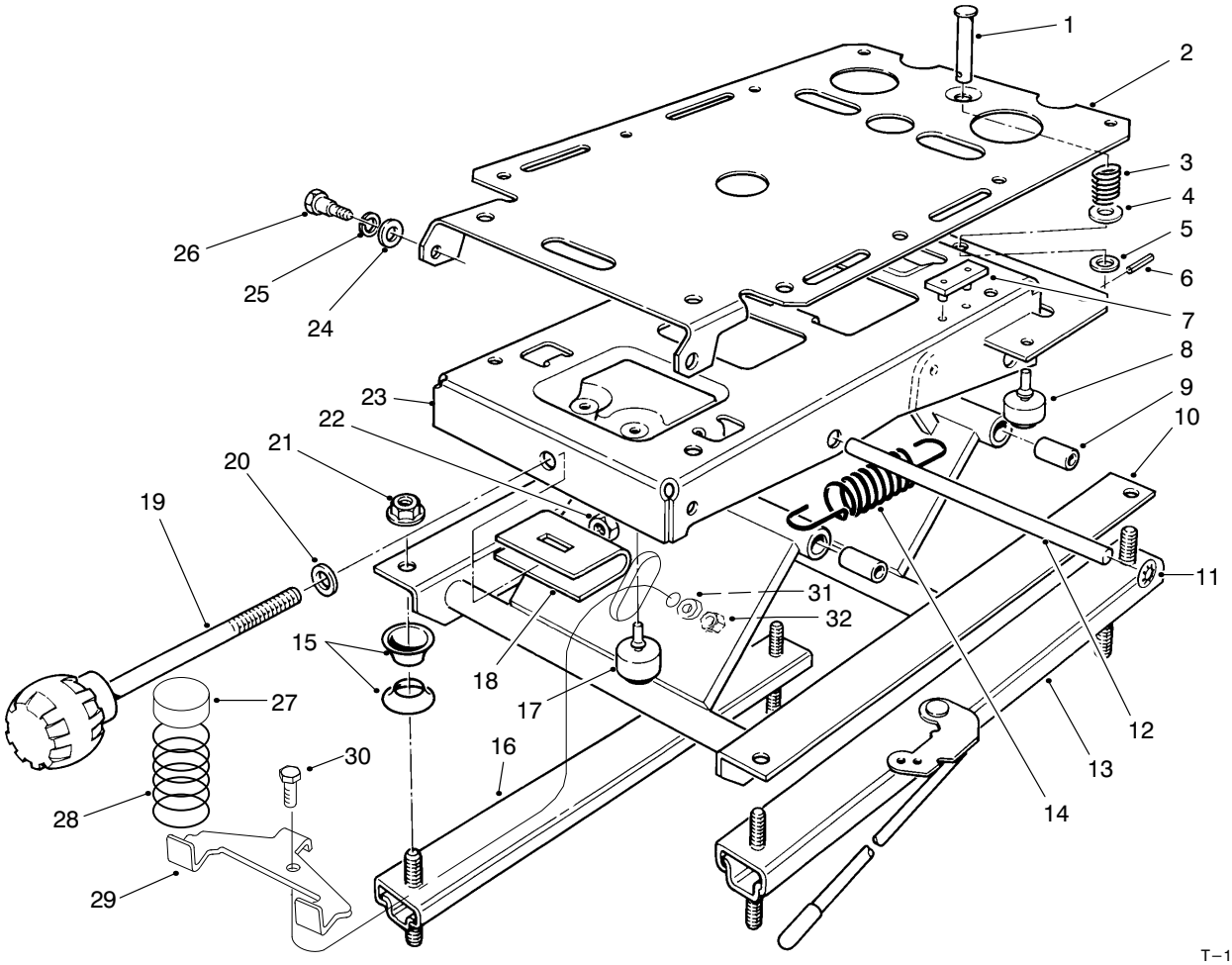



T–1891–5

# SEAT & THROTTLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 351–78 | Edging | 1 |
| 2 | 323–4 | Screw–HH | 2 |
| 3 | 75–4370 | Bracket–Switch (Seat) | 1 |
| 4 | 3296–54 | Nut–Lock | 4 |
| 5 | 92–8753 | Magnet–Reed Switch | 1 |
| 6 | 92–8001 | Sensor–Reed Switch | 1 |
| 7 | 3250–29 | Screw–HH | 4 |
| 8 | 75–4360 | Bracket–Switch | 1 |
| 9 | 3296–39 | Nut–Lock | 3 |
| 10 | 93–0140 | Grommet | 1 |
| 11 | 74–0720 | Tube–Manual | 1 |
| 12 | 3256–23 | Washer–Flat | 8 |
| 13 | 3253–4 | Washer–Lock | 4 |
| 14 | 322–3 | Screw–HH | 13 |
| 15 | 75–3400 | Shaft–Seat Pivot | 1 |
| 16 | 98–2350 | Asm–Seat Plate (Incl. Ref. #10) | 1 |
| 17 | 93–8060 | Decal–Danger | 1 |
| 18 | 2412–93 | Clamp–R | 1 |
| 19 | 3256–24 | Washer–Flat | 3 |
| 20 | 75–3680 | Rod–Seat | 1 |
| 21 | 3272–10 | Pin–Cotter | 2 |
| 22 | 32121–38 | Pin–Roll | 1 |
| 23 | 3296–29 | Nut–Lock | 10 |
| 24 | 98–9303 | Cable–Throttle | 1 |
| 25 | 25–8640 | Screw–HH | 2 |
| 26 | 93–0021 | Asm–Throttle Cable Swivel | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 3296–3 | Nut–Lock | 1 |
| 28 | 98–2352 | Frame–Seat | 1 |
| 29 | 3–6657 | Clamp–Cable | 1 |
| 30 | 3253–3 | Washer–Lock | 1 |
| 31 | 321–4 | Screw–HH | 1 |
| 32 | 66–2920 | Washer–Friction | 2 |
| 33 | 75–3430 | Rod–Throttle | 1 |
| 34 | 233–42 | Knob–Throttle | 1 |
| 35 | 98–2354 | Latch–Seat | 1 |
| 36 | 98–2353 | Bracket–Seat Latch | 2 |
| 37 | 66–4190 | Spring | 1 |
| 38 | 32128–25 | Nut–Flange | 4 |
| 39 | 75–3000 | Asm–Seat Suspension | 1 |
| 40 | 351–80 | Clip | 1 |
| 41 | 98–9342 | Decal–Clip (Metric) | 1 |
| 42 | 2412–133 | Clamp–R | 2 |
| 43 | 92–6534 | Shell–Seat | 1 |
| 44 | 92–6533 | Kit–Cushion, Replacement | 1 |
| 45 | 92–1180 | Asm–Seat (Incl. Ref. #1, 2 of #9, 43 & 44) | 1 |
| 46 | 63–9920 | Decal–EEC 105 | 1 |
| 47 | 92–5524 | Decal–Noise Rating, 90 | 1 |
| 49 | 98–9302 | Plate–Idler Stop | 1 |
| 50 | 98–9311 | Swivel–Cable, Throttle | 1 |
| 51 | 3296–20 | Nut–Lock | 1 |

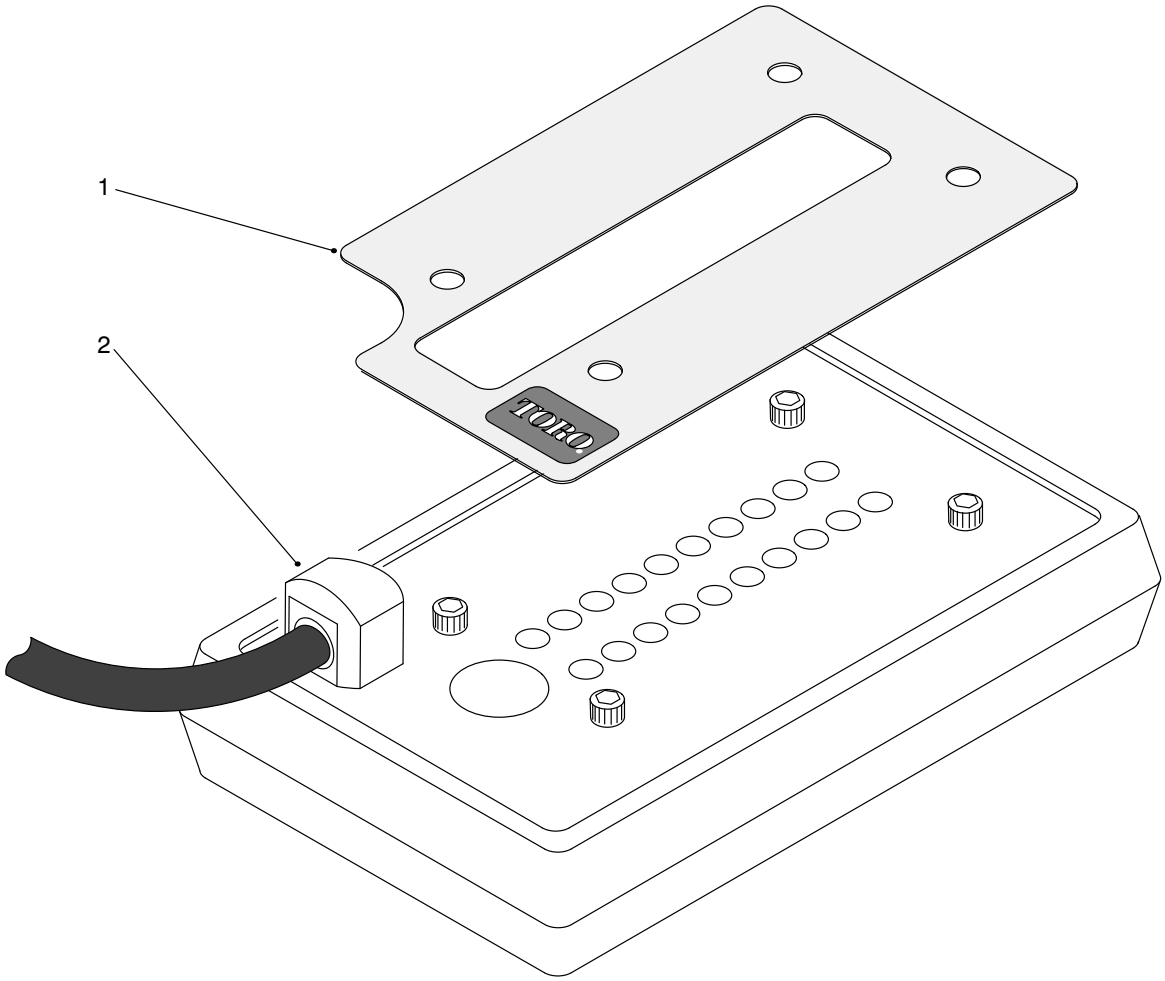



T–1031–1

# SEAT SUSPENSION ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 80–4860 | Pin–Clevis | 1 |
| 2 | 75–3580 | Plate–Mounting, Seat | 1 |
| 3 | 75–3530 | Spring–Compression | 1 |
| 4 | 3256–5 | Washer–Flat | 1 |
| 5 | 3256–24 | Washer–Flat | 1 |
| 6 | 75–3540 | Pin–Roll | 1 |
| 7 | 75–3550 | Bumper–Seat | 2 |
| 8 | 76–2940 | Bumper–Rubber | 2 |
| 9 | 76–1920 | Bushing–Sleeve | 4 |
| 10 | 66–8610 | Weldment–Lower | 1 |
| 11 | 66–8560 | Nut–Push | 4 |
| 12 | 76–1910 | Shaft–Pivot | 2 |
| 13 | 82–9060 | Adjuster W/Handle | 1 |
| 14 | 76–1940 | Spring–Extension | 2 |
| 15 | 66–9290 | Spacer | 6 |
| 16 | 66–8530 | Adjuster | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 66–8520 | Bumper–Down–stop | 2 |
| 18 | 77–2870 | Weldment–Hanger | 1 |
| 19 | 76–1930 | Knob–Tension Adjustment | 1 |
| 20 | 3256–46 | Washer–Flat | 1 |
| 21 | 32128–26 | Nut–Flange | 4 |
| 22 | 3296–44 | Nut–Lock | 1 |
| 23 | 75–3480 | Weldment–Upper | 1 |
| 24 | 3256–26 | Washer–Flat | 2 |
| 25 | 3253–6 | Washer–Lock | 2 |
| 26 | 75–3510 | Bolt–Shoulder | 2 |
| 27 | 93–3164 | Cap | 2 |
| 28 | 93–3163 | Spring | 2 |
| 29 | 93–3165 | Bracket | 1 |
| 30 | 322–6 | Screw–HH | 1 |
| 31 | 3253–33 | Washer–Lock | 1 |
| 32 | 3217–6 | Nut–Hex | 1 |

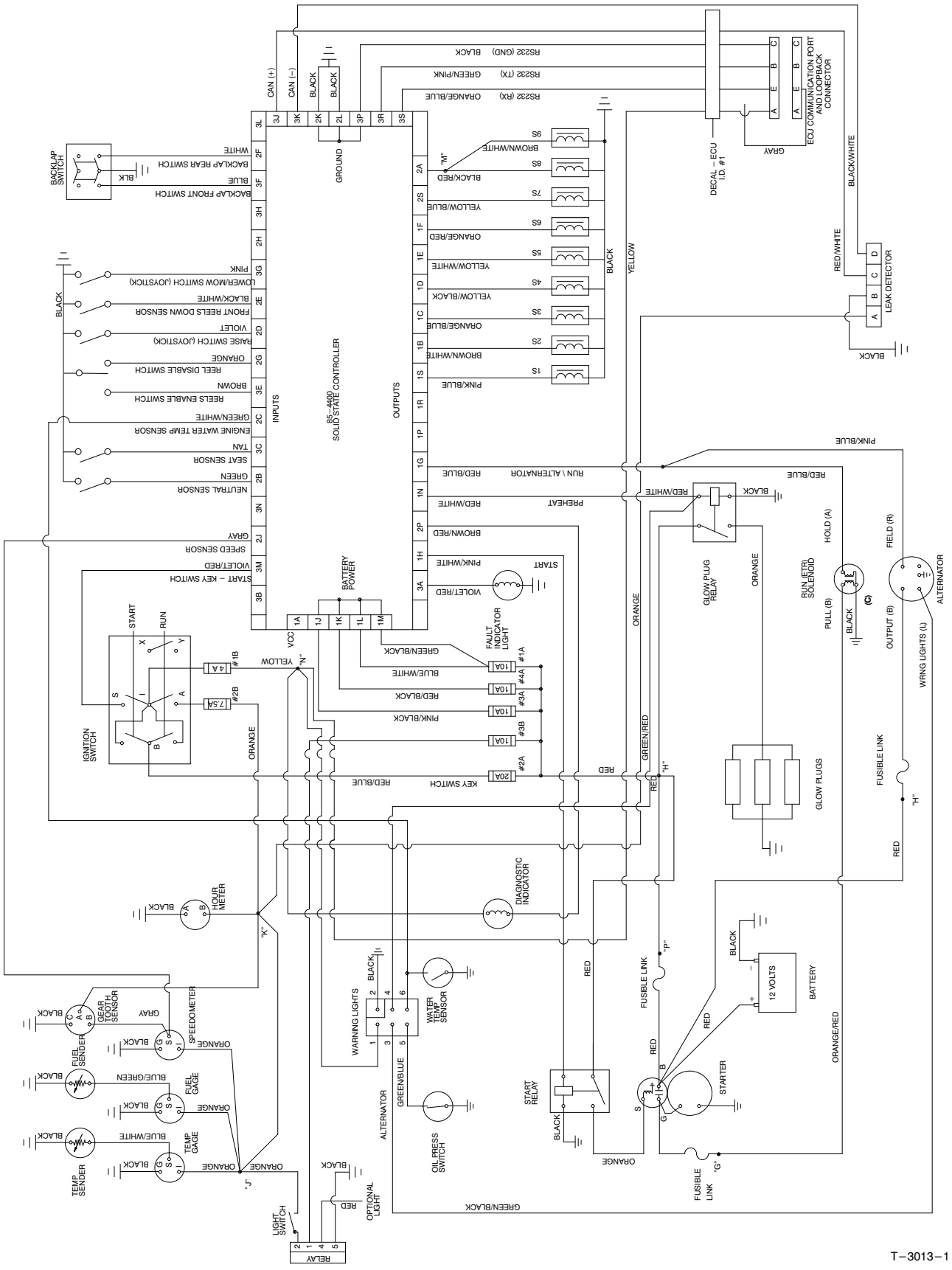


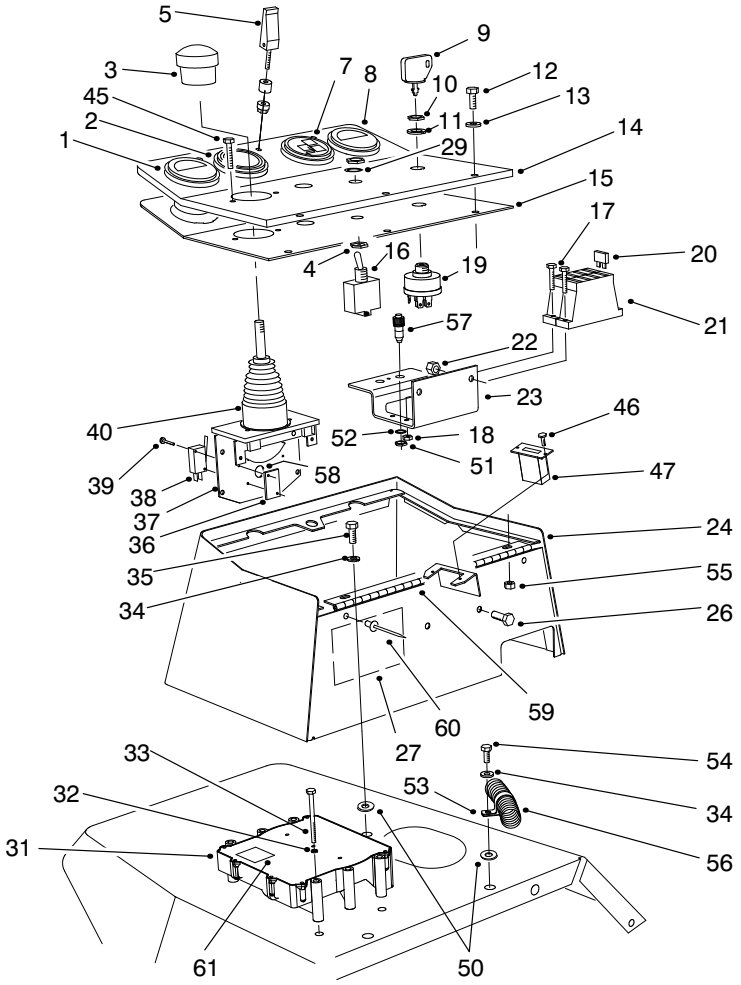

T–1458–1

# DIAGNOSTIC–ACE DISPLAY ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 100–3700 | Decal–Diagnostic–ACE RM 5200D V 1.0 | 1 |
| 1 | 100–3710 | Decal–Diag. (Spanish) | 1 |
| 1 | 100–3704 | Decal–Diag. (French) | 1 |
| 1 | 100–3705 | Decal–Diag. (German) | 1 |
| 1 | 100–3711 | Decal–Diag. (Swedish) | 1 |
| 1 | 100–3706 | Decal–Diag. (Italian) | 1 |
| 1 | 100–3709 | Decal–Diag. (Portuguese) | 1 |
| 1 | 100–3708 | Decal–Diag. (Norwegian) | 1 |
| 1 | 100–3703 | Decal–Diag. (Finnish) | 1 |
| 1 | 100–3701 | Decal–Diag. (Danish) | 1 |
| 1 | 100–3702 | Decal–Diag. (Dutch) | 1 |
| 1 | 100–3707 | Decal–Diag. (Japan) | 1 |
| 1 | 94–5386 | Decal–Turf Defender, Diag. | 1 |
| 1 | 94–8060 | Decal–Turf Defender, Diag. (Danish) | 1 |
| 1 | 94–8061 | Decal–Turf Defender, Diag. (Dutch) | 1 |
| 1 | 94–8062 | Decal–Turf Defender, Diag. (Finnish) | 1 |
| 1 | 94–8063 | Decal–Turf Defender, Diag. (French) | 1 |
| 1 | 94–8064 | Decal–Turf Defender, Diag. (German) | 1 |
| 1 | 94–8065 | Decal–Turf Defender, Diag. (Italian) | 1 |
| 1 | 94–8066 | Decal–Turf Defender, Diag. (Japanese) | 1 |
| 1 | 94–8067 | Decal–Turf Defender, Diag. (Norwegian) | 1 |
| 1 | 94–8068 | Decal–Turf Defender, Diag. (Portuguese) | 1 |
| 1 | 94–8069 | Decal–Turf Defender, Diag. (Spanish) | 1 |
| 1 | 94–8070 | Decal–Turf Defender, Diag. (Swedish) | 1 |
| 2 | 85–4750 | Display–Diagnostic–ACE | 1 |

# ELECTRICAL SCHEMATIC





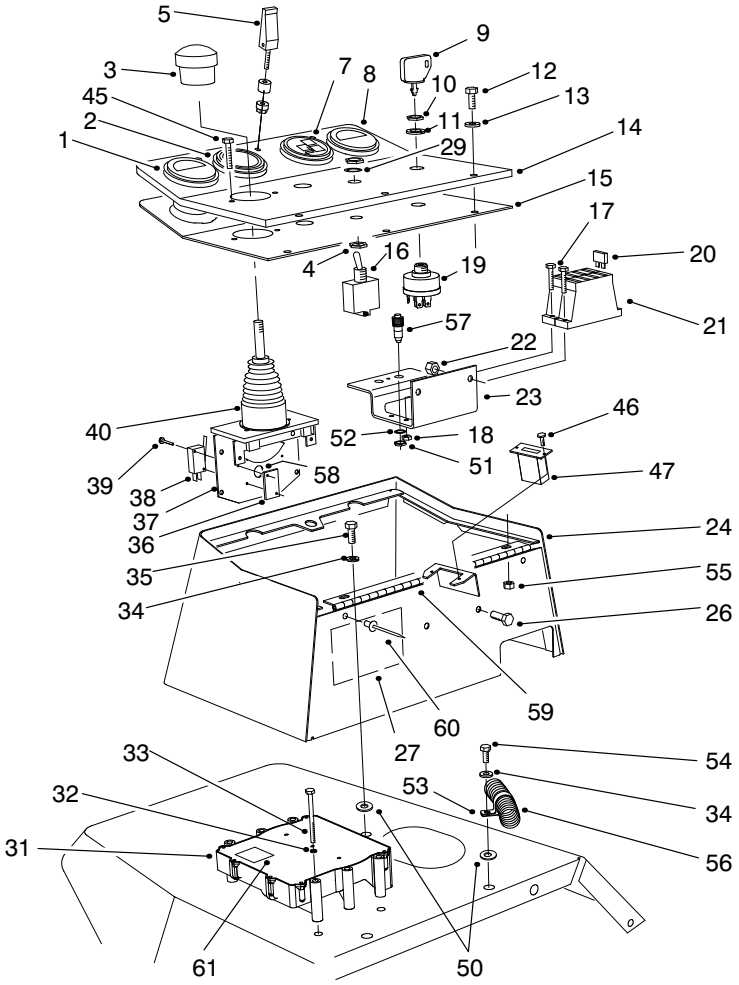

T−1501−8

# CONTROL CONSOLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9339 | Gauge−Fuel | 1 |
| 2 | 85−4420 | Gauge−Speedometer | 1 |
| 3 | 3290−489 | Knob−Lift Control | 1 |
| 4 | 218−498 | Nut−Hex. | 2 |
| 5 | 74−5950 | Asm−Swell Latch | 1 |
| 7 | 98−9306 | Cluster−Warning | 1 |
| 8 | 98−9308 | Gauge−Temperature | 1 |
| 9 | 63−8360 | Key−Ignition | 1 |
| 10 | 218−446 | Nut−Locking | 1 |
| 11 | 218−447 | Washer−E.T.L.W. | 1 |
| 12 | 3258−166 | Screw−PPH | 5 |
| 13 | 3256−1 | Washer−Flat | 5 |
| 14 | 99−8961 | Panel−Control | 1 |
| 15 | 75−6270 | Cover−Control Box | 1 |
| 16 | 99−8352 | Asm−Switch, Toggle (Incl. Ref. #4, 29 & 71) | 1 |
| 17 | 32105−13 | Screw−HH | 4 |
| 18 | 3296−2 | Nut−Lock | 4 |
| 19 | 27−2360 | Asm−Ignition Switch (Incl. Ref. #9−11) | 1 |
| †20 | 94−9157 | Fuse−4A | 1 |
| †20 | 218−578 | Fuse−10A | 3 |
| †20 | 218−574 | Fuse−7.5A | 1 |
| †20 | 218−594 | Fuse−20A | 1 |
| †21 | 67−7160 | Block−Fuse | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 3296−42 | Nut−Lock | 4 |
| 23 | 93−7587 | Bracket−Fuse Block | 1 |
| 24 | 75−5740 | Box−Control | 1 |
| 26 | 321−39 | Screw−HH | 2 |
| 27 | 94−6767 | Decal−Fuses | 1 |
| 29 | 218−589 | Washer−Lock | 1 |
| 31 | 92−5720 | Controller−Electronic Note: This part must be programmed by distributor before installation. | 1 |
| 32 | 3253−3 | Washer−Lock | 2 |
| 33 | 321−15 | Screw−HH | 2 |
| 34 | 3256−3 | Washer−Flat | 3 |
| 35 | 322−3 | Screw−HH | 2 |
| 36 | 3290−354 | Plate−Nut | 2 |
| 37 | 98−2195 | Asm−Lift Control (Incl. Ref. #3, 36, 38−40 & 58) | 1 |
| 38 | 94−8104 | Switch−Micro | 2 |
| 39 | 94−8103 | Screw−HH | 4 |
| 40 | 3290−488 | Boot−Lift Control | 1 |
| 45 | 3273−26 | Screw−Hex. Socket Hd. | 2 |
| 46 | 32144−18 | Screw−HH | 2 |
| 47 | 75−6820 | Meter−Hour | 1 |

*Not Illustrated †Included in main wire harness ASM.
▪Obtain Locally.




T−1501−8

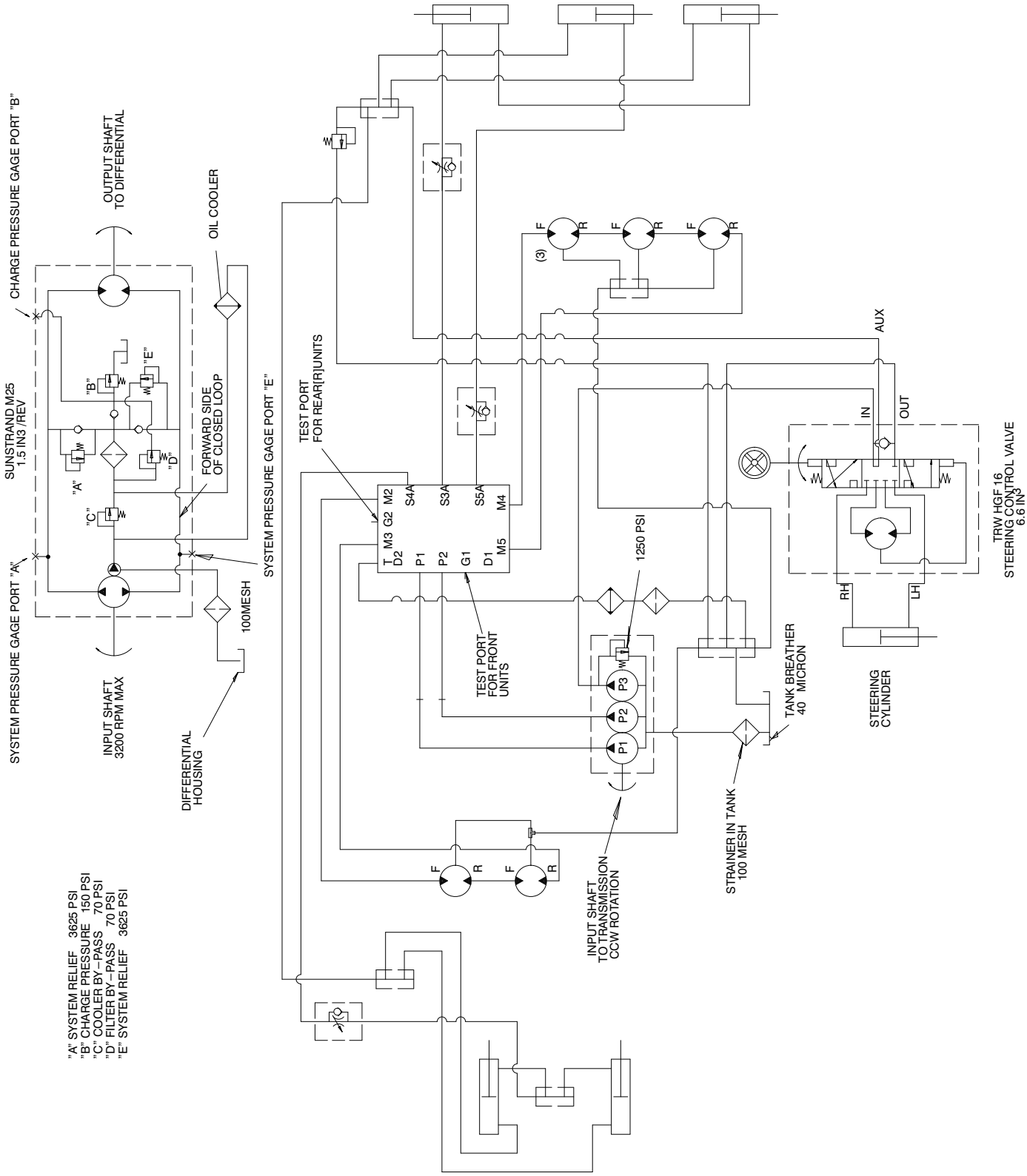
# CONTROL CONSOLE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 50 | 66−2920 | Washer−Nylon | 3 |
| 51 | | Nut−Lock | 1 |
| 52 | | Washer−Lock | 1 |
| 53 | 2412−126 | Clamp−R | 1 |
| 54 | 322−5 | Screw−HH | 1 |
| 55 | 32128−33 | Nut−Lock, Flange Hd. | 3 |
| 56 | 99−8960 | Asm−Main Wire Harness | 1 |
| †57 | 85−4491 | Lamp−Diagnostic (Incl. Ref. 219−19 Lamp) | 1 |
| * | 219−19 | Lamp−Green | 1 |

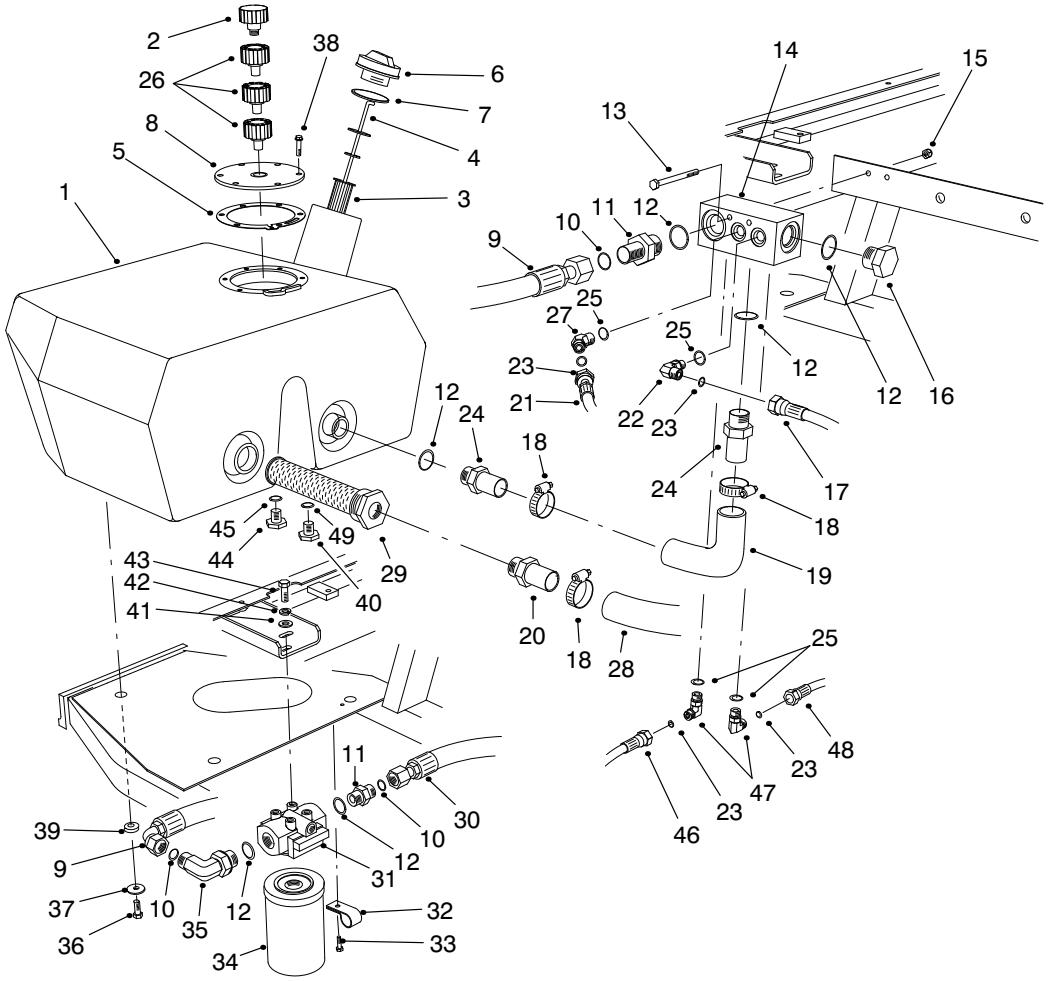
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 58 | 93−3625 | Spring−Joystick Return | 1 |
| 59 | 75−5780 | Hinge−Cover | 1 |
| 60 | 93−8744 | Rivet | 3 |
| 61 | 93−8053 | Decal−ECU | 1 |
| *70 | 94−6343 | Decal−Wire I.D. | 1 |
| *71 | 3253−19 | Washer−Lock | 2 |
| *† | 70−8570 | Breaker−Circuit, 40 Amp | 2 |
| *† | 86−7560 | Connector−Cover (3 Way) | 3 |
| *† | 86−7550 | Connector−Cover (2 Way) | 2 |
| *† | 85−4650 | Connector−Loop Back | 1 |

*Not Illustrated
†Included in main wire harness ASM.

# HYDRAULIC SCHEMATIC




T–1144–3

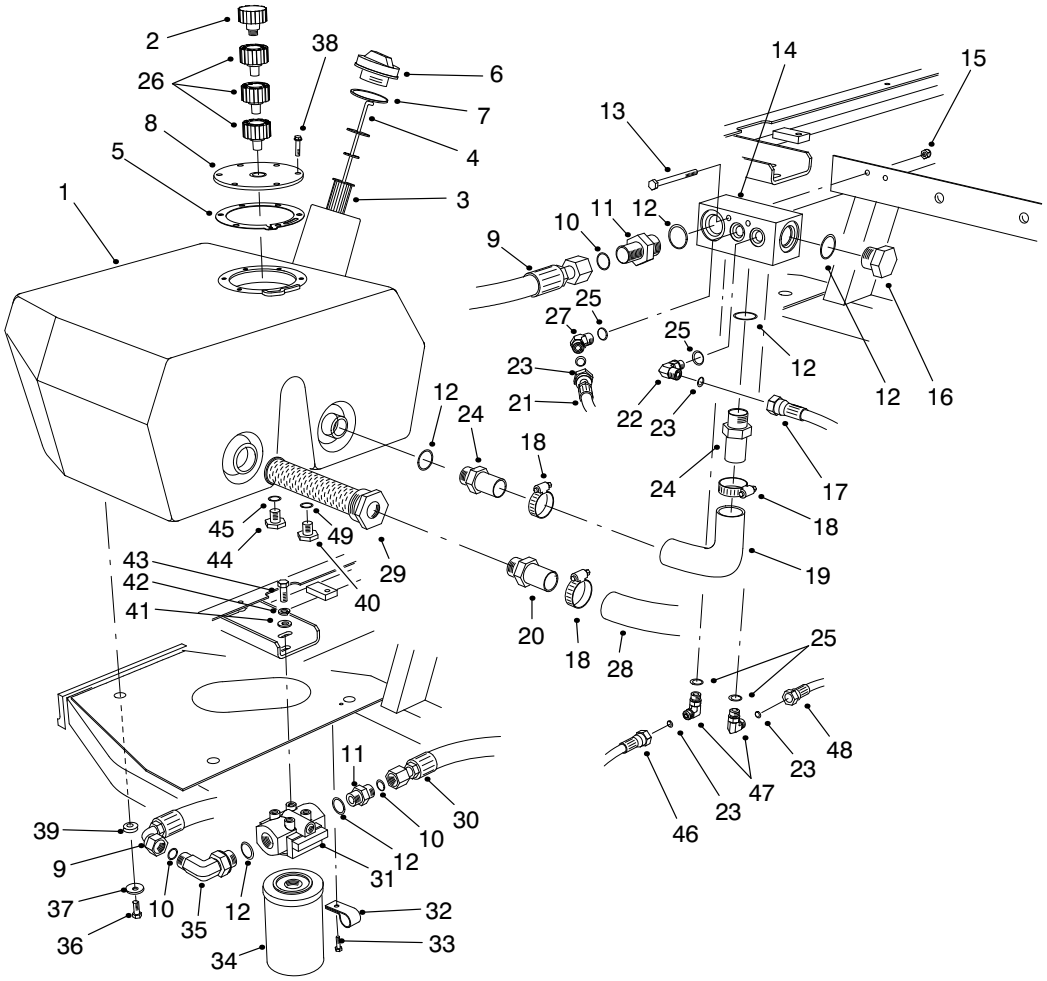



T−1048−4

# HYDRAULIC RESERVOIR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 93−7488 | Reservoir−Hydraulic | 1 |
| 2 | 68−6150 | Breather−Hydraulic Tank | 1 |
| 3 | 61−2790 | Screen−Filler | 1 |
| 4 | 94−9411 | Dipstick | 1 |
| 5 | 93−7499 | Gasket−Flange | 1 |
| 6 | 93−7498 | Plug−Plastic | 1 |
| 7 | 237−101 | O−Ring | 1 |
| 8 | 93−7588 | Cover−Tank | 1 |
| 9 | 75−6130 | Hose−Hydraulic | 1 |
| 10 | 237−65 | O−Ring | 5 |
| 11 | 340−8 | Fitting−Hydraulic Straight (Incl. Ref. #10 & 12) | 2 |
| 12 | 237−81 | O−Ring | 4 |
| 13 | 321−23 | Screw−HH | 2 |
| 14 | 92−9098 | Manifold−Tank | 1 |
| 15 | 3296−42 | Nut−Lock | 2 |
| 16 | 354−74 | Fitting−Hydraulic Plug (Incl. Ref. #12) | 1 |
| 17 | 75−6250 | Hose−Hydraulic | 1 |
| 18 | 2412−34 | Clamp−Hose | 3 |
| 19 | 75−5720 | Hose−Hydraulic | 1 |
| 20 | 353−682 | Fitting−Hydraulic Straight | 1 |
| 21 | 93−0119 | Hose−Hydraulic | 1 |
| 22 | 340−77 | Fitting−Hydraulic 90˚ (Incl. Ref. #23 & 25) | 1 |
| 23 | 237−22 | O−Ring | 6 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 354−73 | Fitting−Hydraulic Straight (Incl. Ref. #12) | 2 |
| 25 | 237−42 | O−Ring | 4 |
| 26 | 92−8020 | Adapter−Breather | 3 |
| 27 | 340−87 | Fitting−Hydraulic 45˚ (Incl. Ref. #25 & 23) | 1 |
| 28 | 75−6870 | Hose−Hydraulic Suction | 1 |
| 29 | 75−0550 | Strainer−Suction | 1 |
| 30 | 93−0077 | Hose−Hydraulic | 1 |
| 31 | 75−1300 | Asm−Hydraulic Filter Head | 1 |
| 32 | 2412−93 | Clamp−R | 2 |
| 33 | 32144−10 | Screw−HWH | 2 |
| 34 | 75−1310 | Element−Hydraulic Filter | 1 |
| 35 | 340−139 | Fitting−Hydraulic 90˚ (Incl. Ref. #10 & 12) | 1 |
| 36 | 33105−025 | Screw−HH | 3 |
| 37 | 63−8410 | Washer−Flat | 3 |
| 38 | 33104−020 | Screw−HFH | 6 |
| 39 | 240−11 | Grommet | 3 |
| 40 | 353−508 | Plug−Hydraulic | 1 |
| 41 | 3256−24 | Washer−Flat | 2 |
| 42 | 3253−21 | Washer−Lock | 2 |
| 43 | 323−4 | Screw−HH | 2 |
| 44 | 353−550 | Plug−Drain (Incl. Ref. #45) | 1 |
| 45 | 237−79 | O−Ring | 1 |

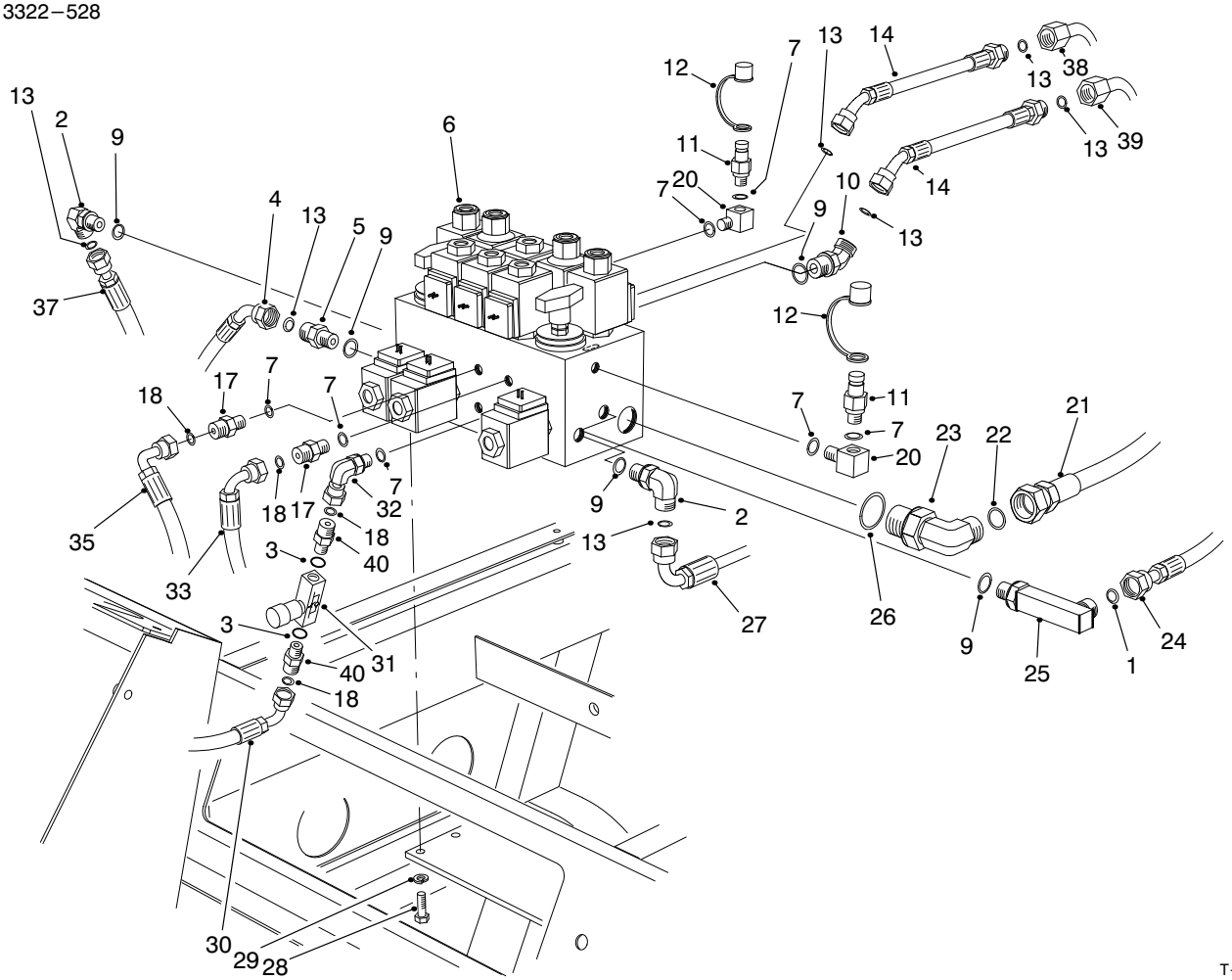



T–1048–4

# HYDRAULIC RESERVOIR ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 46 | 92–9096 | Asm–Hose | 1 |
| 47 | 340–82 | Fitting–Hydraulic 90° (Incl. Ref. #23 & 25) | 2 |
| 48 | 94–4916 | Asm–Hose, Drain | 1 |
| 49 | 237–42 | O–Ring | 1 |

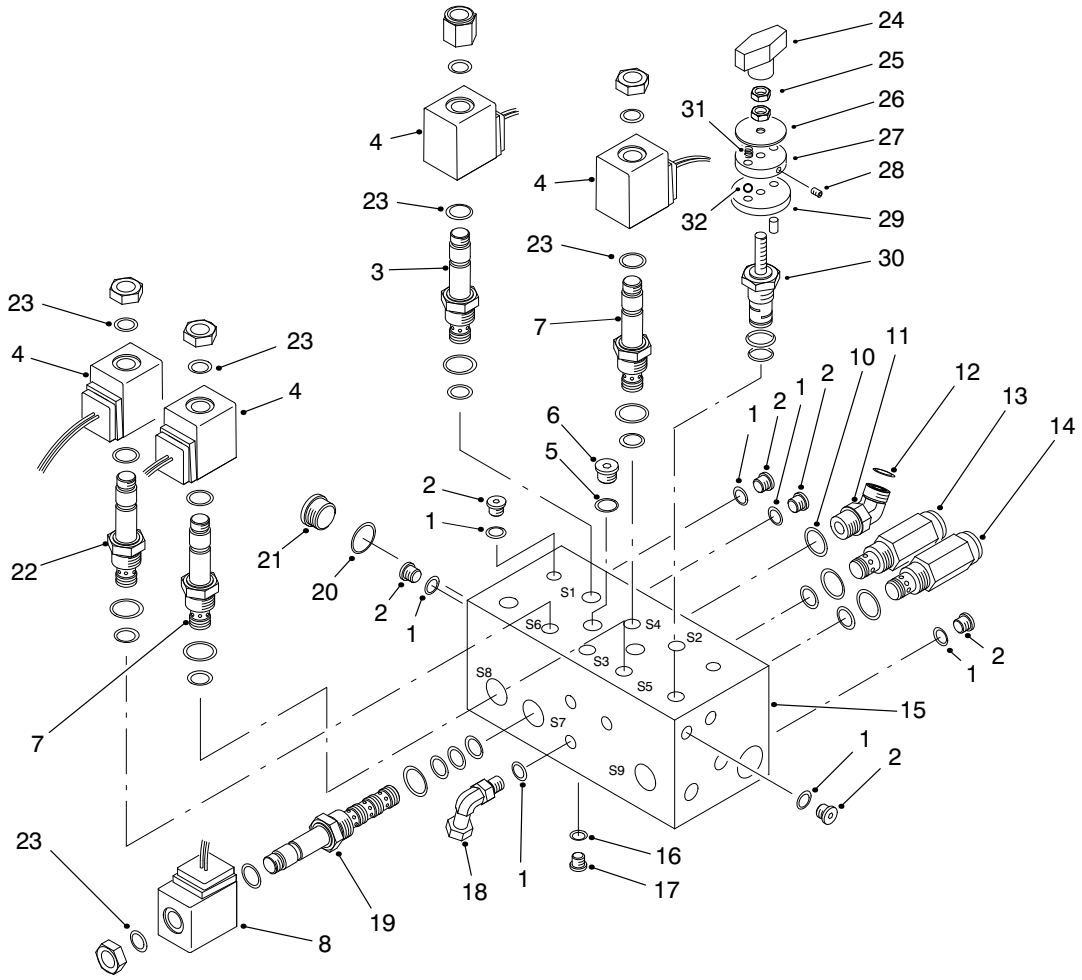
3322−528




# HYDRAULIC CONTROL MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 237−22 | O−Ring | 1 |
| 2 | 340−98 | Fitting−Hydraulic 90˚ (Incl. Ref. #9 & 13) | 2 |
| 3 | 237−42 | O−Ring | 2 |
| 4 | 98−4586 | Asm−Hose, Pressure #5 | 1 |
| 5 | 340−4 | Fitting−Hydraulic Straight (Incl. Ref. #9 & 13) | 1 |
| 6 | 98−4579 | Asm−Control Manifold (Incl. Ref. #32) | 1 |
| 7 | 237−78 | O−Ring | 6 |
| 9 | 237−79 | O−Ring | 6 |
| 10 | 340−101 | Fitting−Hydraulic 45˚ (Incl. Ref. #9 & 13) | 2 |
| 11 | 354−77 | Fitting−Test Port (Incl. Ref. #7) | 2 |
| 12 | 354−79 | Cap−Test Port | 2 |
| 13 | 237−30 | O−Ring | 7 |
| 14 | 86−9190 | Hose−Hydraulic | 2 |
| 17 | 340−92 | Fitting−Hydraulic Straight (Incl. Ref. #7 & 18) | 2 |
| 18 | 237−21 | O−Ring | 4 |
| 20 | 75−6640 | Fitting−Hydraulic 90˚ (Incl. Ref. #7) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 93−0078 | Hose−Hydraulic | 1 |
| 22 | 237−65 | O−Ring | 1 |
| 23 | 340−139 | Fitting−Hydraulic 90˚ (Incl. Ref. #22 & 26) | 1 |
| 24 | 98−9348 | Asm−Hose, Pressure #2 | 1 |
| 25 | 98−9781 | Fitting−Hydraulic 90˚ (Incl. Ref. #1 & 9) | 1 |
| 26 | 237−81 | O−Ring | 1 |
| 27 | 98−9347 | Asm−Hose, Pressure #3 | 1 |
| 28 | 322−3 | Screw−HH | 4 |
| 29 | 3253−4 | Washer−Lock | 4 |
| 30 | 75−5900 | Hose−Hydraulic | 1 |
| 31 | 98−9742 | Valve−Flow Control | 1 |
| 32 | 340−143 | Fitting−Hydraulic 90˚ (Incl. Ref. #7) | 1 |
| 33 | 93−0118 | Hose−Hydraulic | 1 |
| 35 | 75−5890 | Hose−Hydraulic | 1 |
| 37 | 98−4589 | Asm−Hose, Pressure #4 | 1 |
| 38 | 93−3642 | Tube−Hydraulic | 1 |
| 39 | 93−3643 | Tube−Hydraulic | 1 |
| 40 | 340−1 | Fitting−Hydraulic Straight (Incl. Ref. #3 & 18) | 2 |



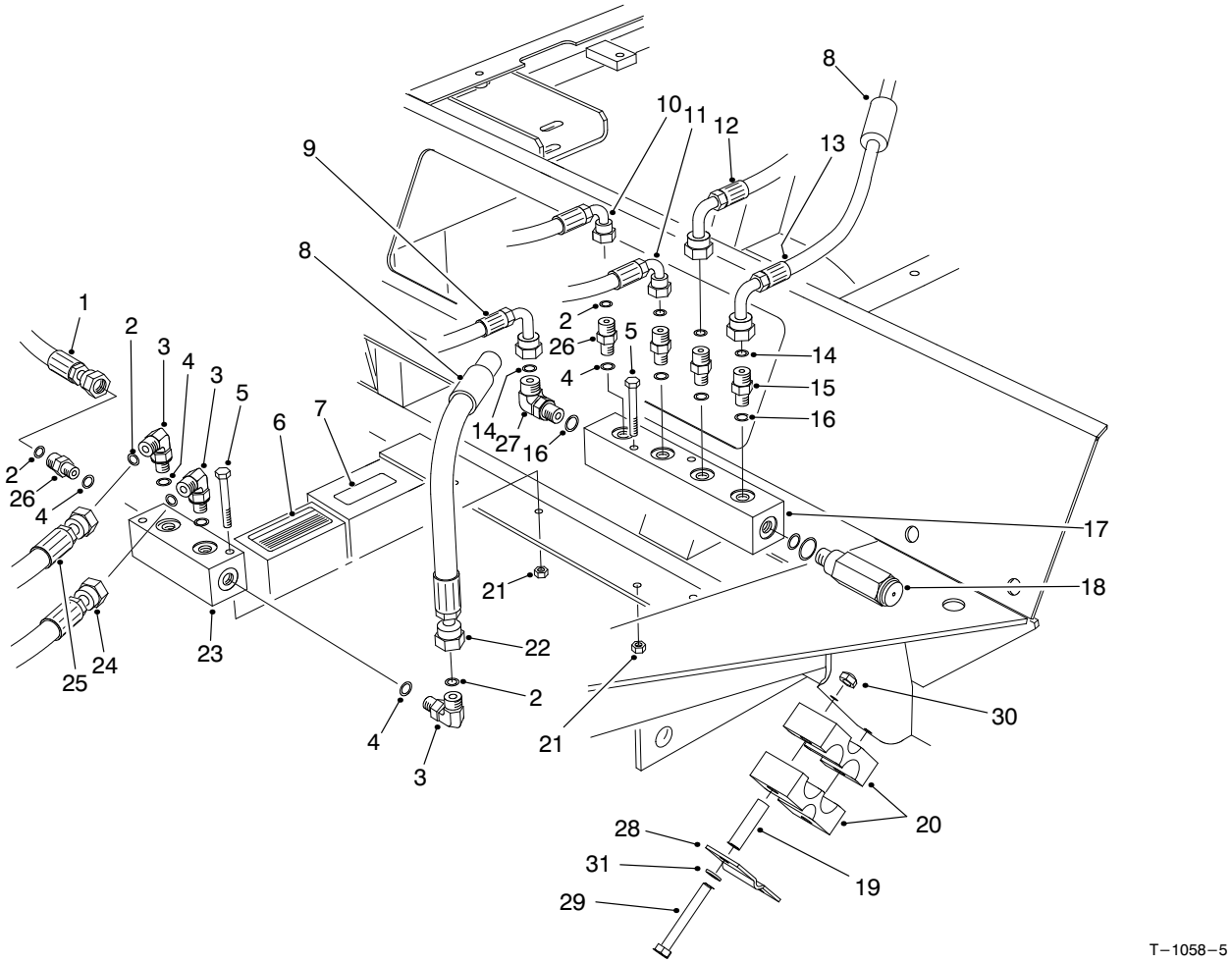

T−1503−3

# CONTROL MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 237−78 | O−Ring | 12 |
| 2 | 353−990 | Plug (Incl. Ref. #1) | 11 |
| 3 | 88−7020 | Cartridge−N.O. S1, S2 (Use Seal Kit #95−5645) | 2 |
| 4 | 88−9190 | Solenoid−20 Watt | 6 |
| 5 | 237−42 | O−Ring | 2 |
| 6 | 353−989 | Plug (Incl. Ref. #5) | 2 |
| 7 | 94−2685 | Cartridge−N.C. S3, S4, S5 (Use Seal Kit #95−5645) | 3 |
| 8 | 88−9200 | Solenoid−28 Watt | 3 |
| 10 | 237−79 | O−Ring | 1 |
| 11 | 340−101 | Fitting−Hydraulic 45° (Incl. Ref. #10 & 12) | 1 |
| 12 | 237−30 | O−Ring | 1 |
| 13 | 75−0920 | Cartridge−Relief 3000 psi (Use Seal Kit #95−5645) | 1 |
| 14 | 75−2010 | Cartridge−Relief 2000 psi (Use Seal Kit #95−5645) | 1 |
| †15 | | Body−Manifold | 1 |
| 16 | 237−156 | O−Ring | 2 |
| 17 | 353−991 | Plug (Incl. Ref. #16) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 340−143 | Fitting−Hydraulic 90° (Incl. Ref. #1) | 1 |
| 19 | 88−6960 | Cartridge−4W/2P S7, S8, S9 (Use Seal Kit #95−5642) | 3 |
| 20 | 237−80 | O−Ring | 1 |
| 21 | 354−70 | Plug (Incl. Ref. #20) | 1 |
| 22 | 92−6315 | Cartridge−N.C. S6 (Use Seal Kit #95−5645) | 1 |
| 23 | 94−5438 | Seal−Solenoid | 10 |
| 24 | 94−5020 | Knob | 2 |
| 25 | 75−6770 | Nut−Jam | 4 |
| 26 | | Plate−Indicator | 2 |
| 27 | 75−6730 | Plate−Detent | 2 |
| 28 | | Screw−Set | 2 |
| 29 | 75−6720 | Plate−Locating | 2 |
| 30 | 98−9779 | Rotary Cartridge Kit (Use Seal Kit #95−5645) | 2 |
| 31 | 94−5027 | Spring−Detent | 2 |
| 32 | | Ball−Detent | 2 |
| * | 82−8520 | Detent ASM Kit (Incl. Ref. #24−29, 31 & 32) | 2 |
| * | 95−5645 | Kit−Seal | 10 |
| * | 95−5642 | Kit−Seal | 3 |

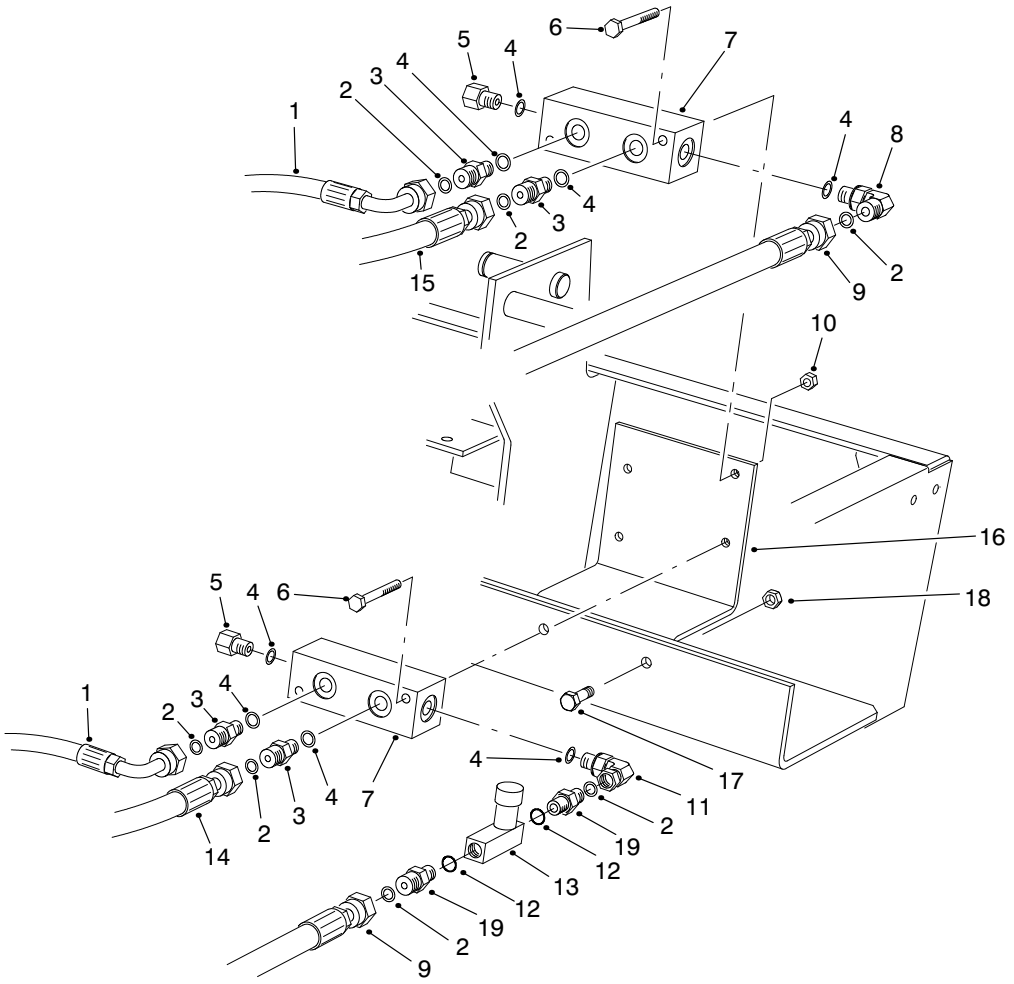
*Not Illustrated
†Not Serviceable Separately




# FRONT HYDRAULIC MANIFOLDS

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−4584 | Asm−Hose, Drain | 1 |
| 2 | 237−21 | O−Ring | 7 |
| 3 | 340−132 | Fitting−Hydraulic 90° (Incl. Ref. #2 & 4) | 3 |
| 4 | 237−78 | O−Ring | 7 |
| 5 | 321−18 | Screw−HH | 4 |
| 6 | 93−6693 | Decal−Floor Plate | 1 |
| 7 | 93−6686 | Decal−Oil | 1 |
| 8 | 38−3400 | Guard−Rubber | 2 |
| 9 | 75−5940 | Hose−Hydraulic | 1 |
| 10 | 75−5890 | Hose−Hydraulic | 1 |
| 11 | 75−5910 | Hose−Hydraulic | 1 |
| 12 | 93−0118 | Hose−Hydraulic | 1 |
| 13 | 93−0119 | Hose−Hydraulic | 1 |
| 14 | 237−22 | O−Ring | 2 |
| 15 | 340−2 | Fitting−Hydraulic Straight (Incl. Ref. #14 & 16) | 2 |
| 16 | 237−42 | O−Ring | 2 |
| 17 | 93−0139 | Manifold−Hydraulic | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 93−0143 | Cartridge−Relief 250 psi (Use Seal Kit #75−2080) | 1 |
| 19 | 93−7960 | Spacer | 4 |
| 20 | 82−8170 | Clamp−Rubber | 4 |
| 21 | 3296−42 | Nut−Lock | 4 |
| 22 | 92−9096 | Hose−Hydraulic | 1 |
| 23 | 75−1180 | Manifold−Hydraulic | 1 |
| 24 | 98−4587 | Hose Asm−Drain #4 | 1 |
| 25 | 98−4590 | Hose Asm−Drain #1 | 1 |
| 26 | 340−92 | Fitting−Hydraulic Straight (Incl. Ref. #2 & 4) | 4 |
| 27 | 340−77 | Fitting−Hydraulic 90° (Incl. Ref. #14 & 16) | 1 |
| 28 | 93−7961 | Clamp | 2 |
| 29 | 322−13 | Screw−HH | 4 |
| 30 | 3296−29 | Nut−Lock | 4 |
| 31 | 3256−70 | Washer−Flat | 4 |

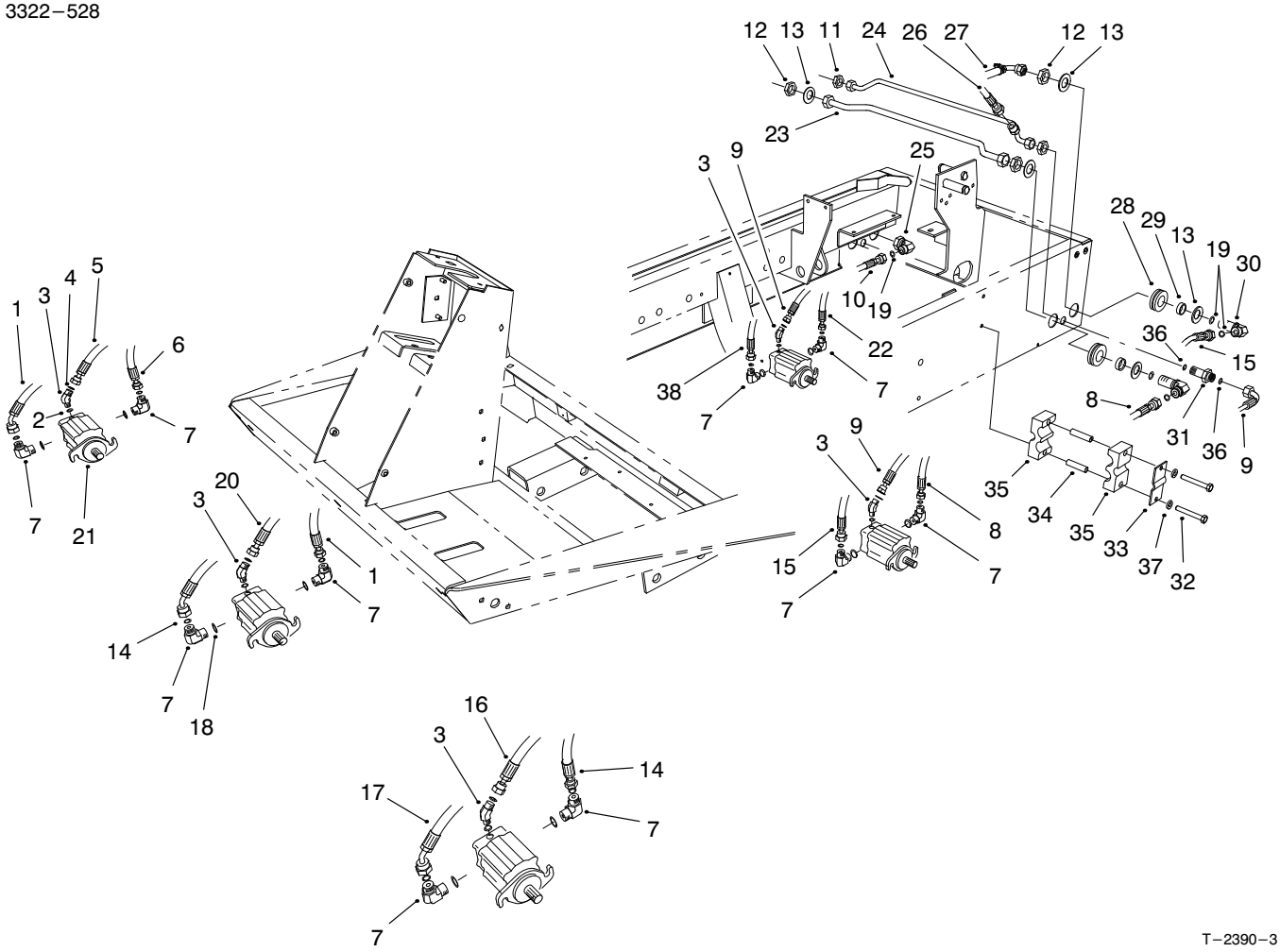



T–1095–4

# REAR HYDRAULIC MANIFOLDS

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 75–6180 | Hose–Hydraulic | 2 |
| 2 | 237–21 | O–Ring | 7 |
| 3 | 340–92 | Fitting–Hydraulic Straight (Incl. Ref. #2 & 4) | 4 |
| 4 | 237–78 | O–Ring | 8 |
| 5 | 353–512 | Fitting–Hydraulic Plug (Incl. Ref. #4) | 2 |
| 6 | 321–11 | Screw–HH | 4 |
| 7 | 75–1180 | Manifold | 2 |
| 8 | 340–132 | Fitting–Hydraulic 90° (Incl. Ref. #2 & 4) | 1 |
| 9 | 93–0118 | Hose–Hydraulic | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 32128–33 | Nut–Lock | 4 |
| 11 | 340–143 | Fitting–Hydraulic 90° (Incl. Ref. #4) | 1 |
| 12 | 237–42 | O–Ring | 2 |
| 13 | 98–9742 | Valve–Flow Control | 1 |
| 14 | 75–6080 | Hose–Hydraulic | 1 |
| 15 | 75–6070 | Hose–Hydraulic | 1 |
| 16 | 94–4920 | Plate–Mounting Valve | 1 |
| 17 | 322–5 | Screw–HH | 2 |
| 18 | 32128–20 | Nut–Flange Lock | 2 |
| 19 | 340–1 | Fitting–Hydraulic Straight (Incl. Ref. #2 & 12) | 2 |



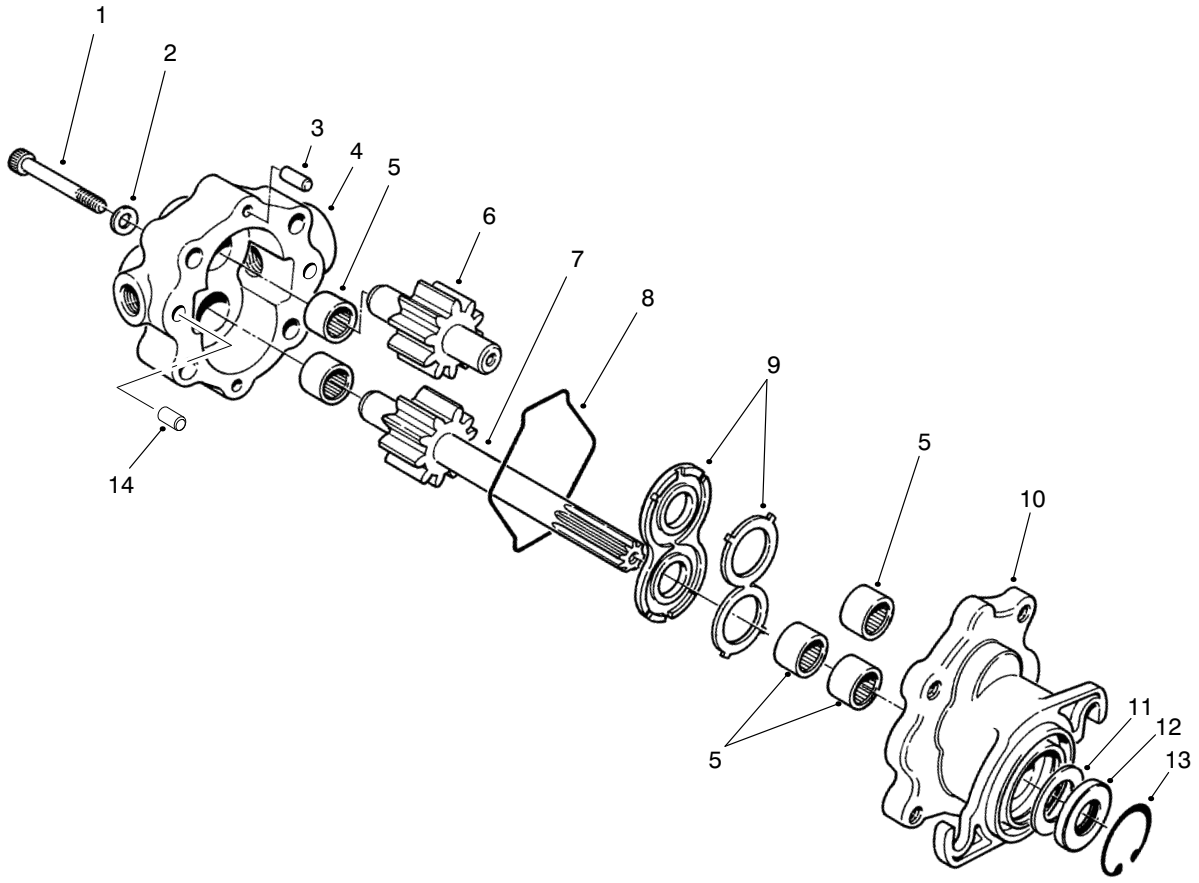

T–2390–3

# CUTTING UNIT HYDRAULIC COMPONENTS

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–4585 | Asm–Hose, Pressure #1, 5 | 1 |
| 2 | 237–78 | O–Ring | 5 |
| 3 | 340–103 | Fitting–Hydraulic 45° (Incl. Ref. #2 & 4) | 5 |
| 4 | 237–21 | O–Ring | 5 |
| 5 | 98–4584 | Asm–Hose, Drain #5 | 1 |
| 6 | 98–4586 | Asm–Hose, Pressure #5 | 1 |
| 7 | 340–98 | Fitting–Hydraulic 90° (Incl. Ref. #18 & 19) | 10 |
| 8 | 98–4581 | Asm–Hose, Pressure #2 | 1 |
| 9 | 98–4583 | Asm–Hose, Drain #2, 3 | 2 |
| 10 | 98–9347 | Asm–Hose, Pressure #3 | 1 |
| 11 | 340–70 | Nut–Bulkhead | 2 |
| 12 | 340–127 | Nut–Bulkhead | 4 |
| 13 | 69–8930 | Washer–Flat | 8 |
| 14 | 98–4588 | Asm–Hose, Pressure #1, 4 | 1 |
| 15 | 98–4582 | Asm–Hose, Pressure #2 | 1 |
| 16 | 98–4587 | Asm–Hose, Drain #4 | 1 |
| 17 | 98–4589 | Asm–Hose, Pressure #4 | 1 |
| 18 | 237–79 | O–Ring | 10 |
| 19 | 237–30 | O–Ring | 19 |
| 20 | 98–4590 | Asm–Hose, Drain #1 | 1 |
| 21 | 93–1375 | Motor–Hydraulic | 5 |
| 22 | 98–9344 | Asm–Hose, Hydraulic | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 94–4918 | Asm–Tube, Pressure #2, 3 | 1 |
| 24 | 94–4917 | Asm–Tube, Drain #2, 3 | 1 |
| 25 | 94–6031 | Fitting–Hydraulic (Incl. Ref. #19) | 1 |
| 26 | 94–4916 | Asm–Hose, Drain, Return | 1 |
| 27 | 98–9348 | Asm–Hose, Pressure #2 | 1 |
| 28 | 240–5 | Grommet–Rubber | 4 |
| 29 | 69–8960 | Spacer | 4 |
| 30 | 93–9151 | Fitting–Hydraulic (Incl. Ref. #19) | 4 |
| 31 | 340–71 | Fitting–Hydraulic (Incl. Ref. #36) | 2 |
| 32 | 32144–58 | Screw–HSH | 4 |
| 33 | 93–7961 | Clamp–Case Drain | 2 |
| 34 | 93–7960 | Spacer | 4 |
| 35 | 82–8170 | Clamp | 4 |
| 36 | 237–22 | O–Ring | 4 |
| 37 | 3256–70 | Washer–Flat | 4 |
| 38 | 98–9343 | Asm–Hose, Hydraulic | 1 |
| * | 3290–378 | Tie–Cable | 4 |
| * | 98–9761 | Kit–Hydraulic Hose (Incl. Ref. #1, 6, 8, 14–15 & 17) | 1 |

*Not Illustrated



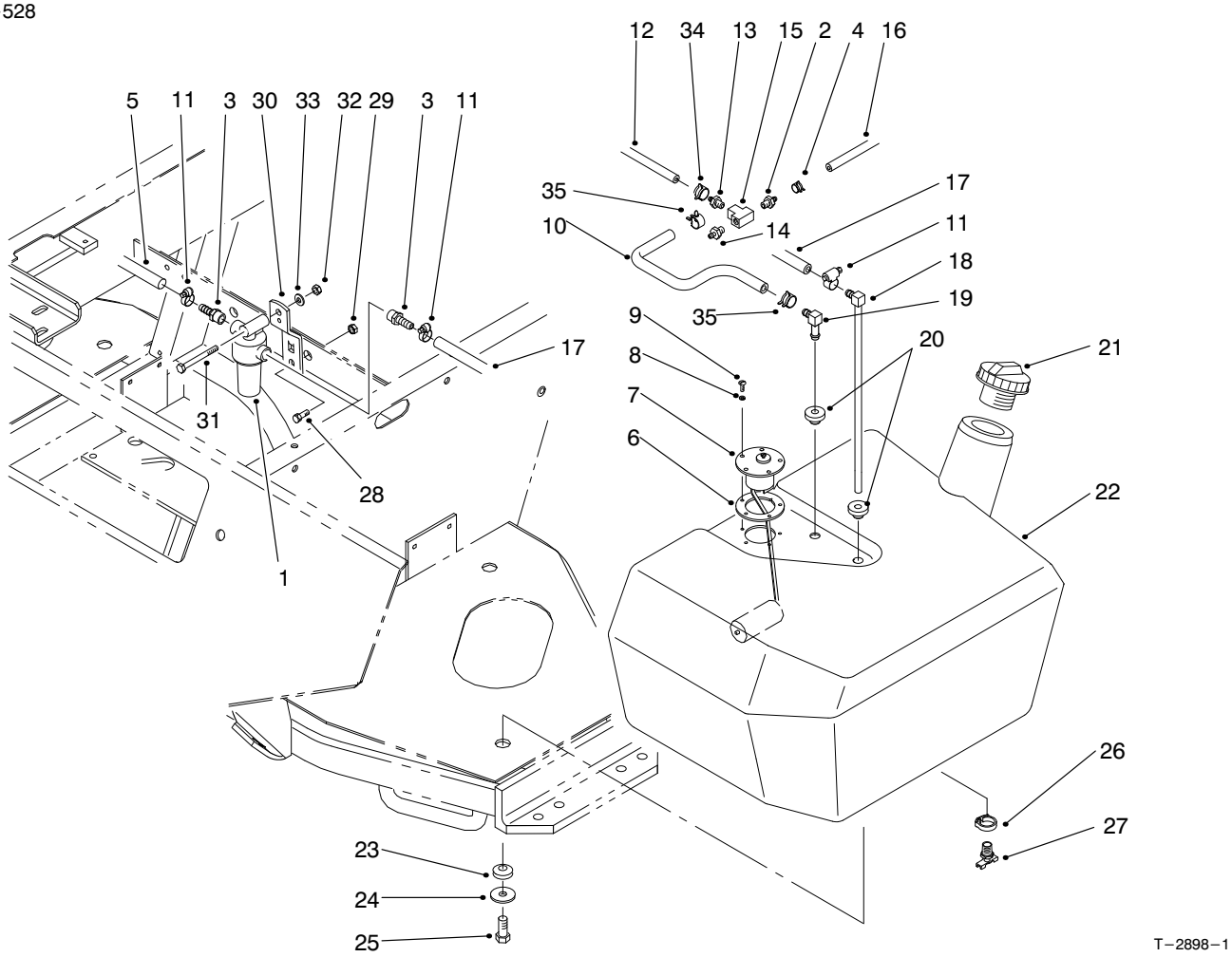

T–1872–1

# REEL MOTOR ASSEMBLY NO. 93–1375

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 354–50 | Screw–HSH | 4 |
| 2 | 354–51 | Washer | 4 |
| 3 | 353–599 | Pin–Dowel | 2 |
| 4 | 93–3614 | Asm–Cover (Incl. Ref. #5) | 1 |
| †5 | | Bearing–Needle | 5 |
| 6 | 93–3616 | Asm–Idler Gear | 1 |
| 7 | 93–3615 | Asm–Drive Shaft | 1 |
| 8 | 354–46 | Ring–Seal | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 74–3810 | Asm–Load Plate | 1 |
| 10 | 92–8795 | Asm–Body (Incl. Ref. #5) | 1 |
| †11 | | Spacer | 1 |
| †12 | | Seal–Shaft | 1 |
| 13 | 32151–41 | Ring–Retaining | 1 |
| 14 | 92–8796 | Pin–Dowel | 2 |
| * | 92–8863 | Kit–Repair (Incl. Ref. #8, & 11–13) | 1 |

*Not Illustrated

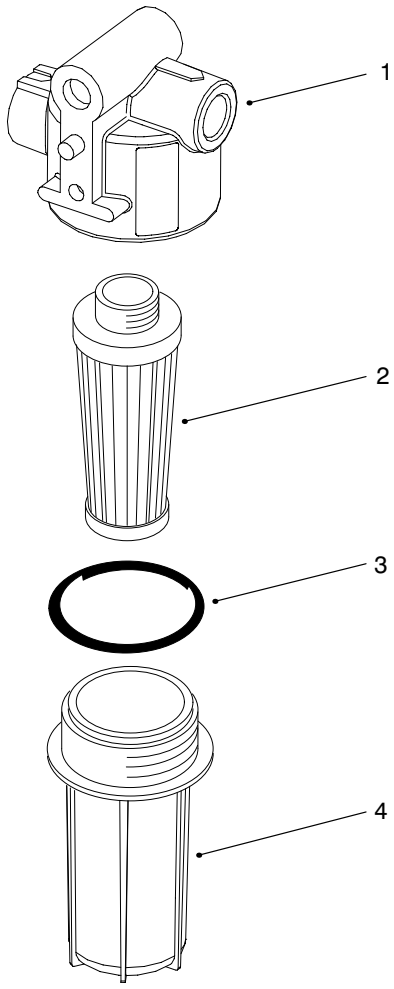



# FUEL TANK ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 99–8351 | Filter–Fuel | 1 |
| 2 | 304–73 | Fitting–Barbed | 1 |
| 3 | 353–783 | Fitting–Fuel | 1 |
| 4 | 2412–98 | Clamp–Hose | 1 |
| 5 | 63–7610 | Hose–Fuel | 1 |
| 6 | 62–7650 | Gasket–Sending Unit | 1 |
| 7 | 63–7640 | Unit–Sending | 1 |
| 8 | 3253–15 | Washer–Lock | 5 |
| 9 | 32122–24 | Screw–Round Hd. | 5 |
| 10 | 93–2042 | Hose–Fuel | 1 |
| 11 | 2412–108 | Clamp–Hose | 4 |
| 12 | 75–4700 | Hose–Fuel | 1 |
| 13 | 354–22 | Fitting–Fuel, Straight | 1 |
| 14 | 354–21 | Fitting–Fuel Straight | 1 |
| 15 | 354–20 | Fitting–Fuel Tee | 1 |
| 16 | 98–9338 | Hose–Fuel | 1 |
| 17 | 95–4276 | Hose–Fuel | 1 |
| 18 | 66–8121 | Standpipe–Elbow 90˚ | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 19 | 46–6550 | Connector–Fuel, Elbow 90˚ | 1 |
| 20 | 46–6560 | Grommet | 2 |
| 21 | 93–3102 | Cap–Fuel Tank | 1 |
| 22 | 94–3510 | Asm–Fuel Tank (Incl. Ref. #26–27) | 1 |
| 23 | 240–11 | Grommet | 3 |
| 24 | 63–8410 | Washer–Flat | 3 |
| 25 | 33103–025 | Screw–HHF | 3 |
| 26 | 2412–36 | Clamp–Drain | 1 |
| 27 | 304–46 | Fitting–Drain | 1 |
| 28 | 322–4 | Screw–HH | 1 |
| 29 | 3296–29 | Nut–Lock | 1 |
| 30 | 98–9748 | Support–Bracket, Filter | 1 |
| 31 | 321–8 | Screw–HH | 1 |
| 32 | 3296–42 | Nut–Lock | 1 |
| 33 | 3256–22 | Washer–Flat | 1 |
| 34 | 2412–146 | Clamp–Spring | 2 |
| 35 | 92–2379 | Clamp | 2 |

*Not Illustrated
†Not Serviced Separately



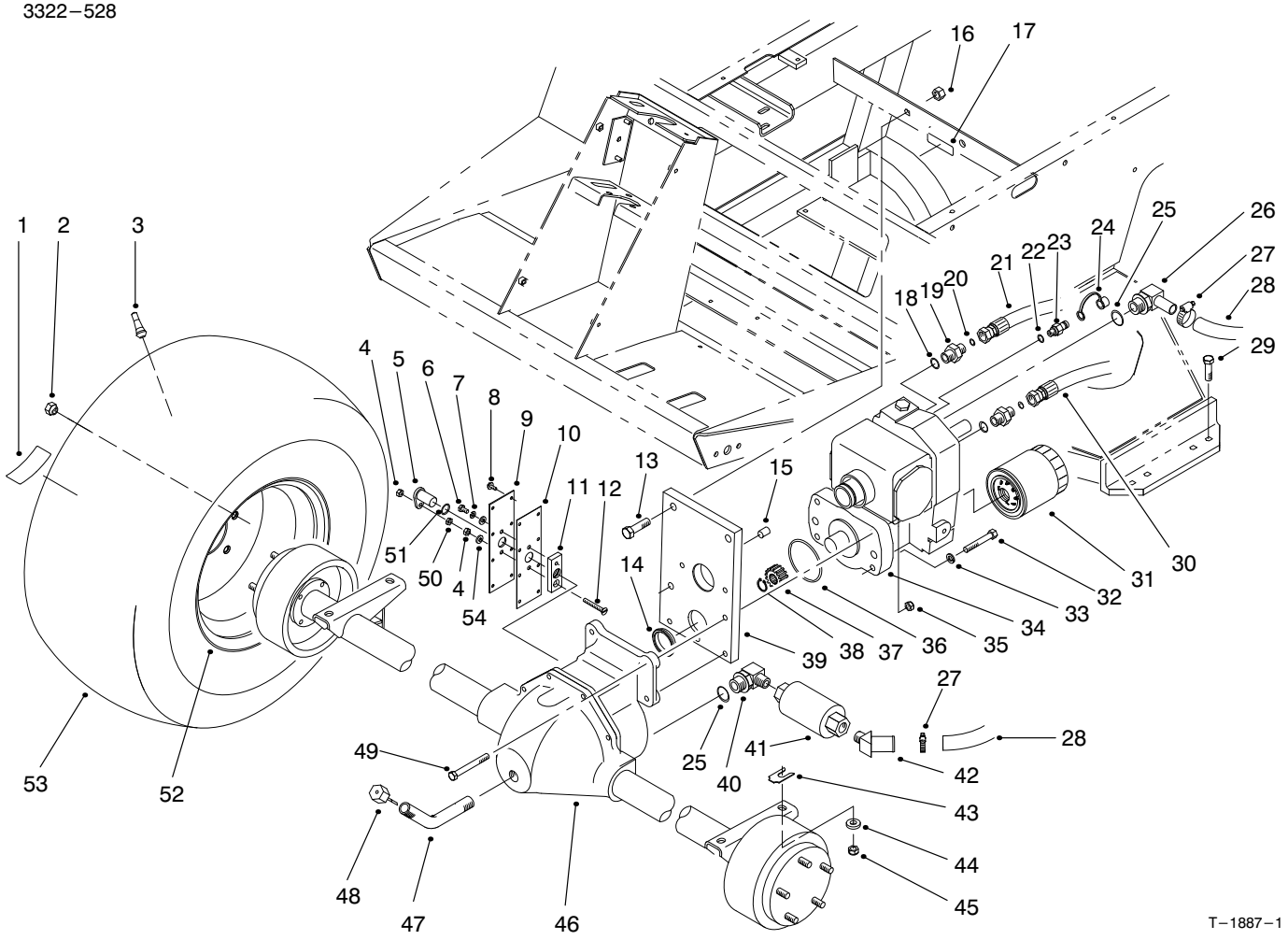

T−3100

# FUEL FILTER ASSEMBLY NO. 99−8351

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 99−8356 | Kit−Head W/Label | 1 |
| 2 | 99−8358 | Kit−Element (Incl. Ref. 33) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 99−8359 | O−Ring | 1 |
| 4 | 99−8357 | Kit−Bowel (Incl. Ref. #3) | 1 |

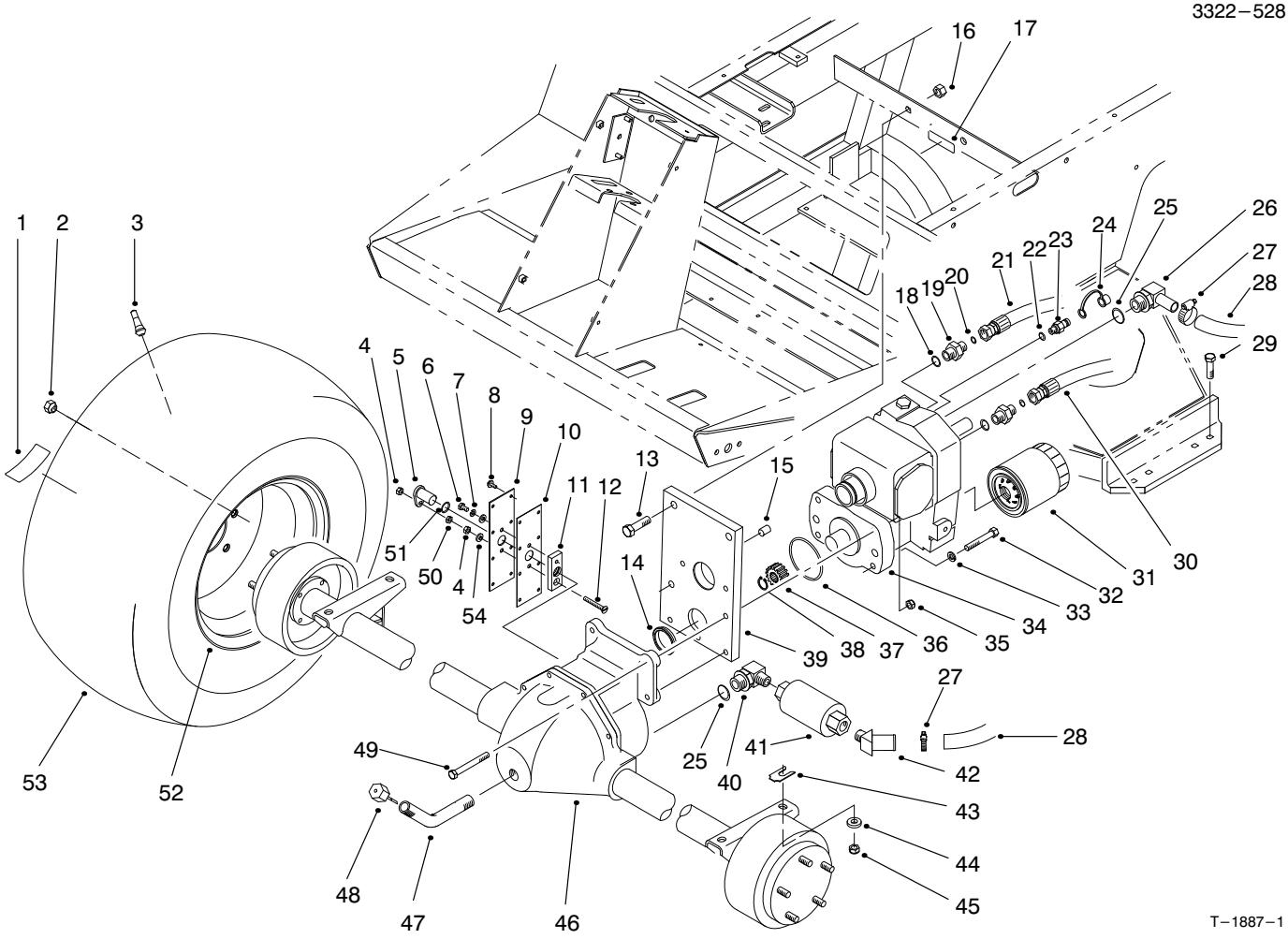
3322–528




# FRONT AXLE & TRANSMISSION ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 76–8730 | Decal–Bolt Torque | 2 |
| 2 | 23–7270 | Nut–Lug | 10 |
| 3 | 232–27 | Stem–Valve | 2 |
| 4 | 3296–56 | Nut–Lock | 2 |
| 5 | 85–4350 | Sensor–Gear Tooth | 1 |
| 6 | 321–2 | Screw–HH | 1 |
| 7 | 3253–3 | Washer–Lock | 1 |
| 8 | 32144–112 | Screw–HH | 8 |
| 9 | 85–4330 | Cover–Gear | 1 |
| 10 | 92–5797 | Gasket–Axle | 1 |
| 11 | 85–4340 | Plate–Sensor Mounting | 1 |
| 12 | 32108–9 | Screw–Machine | 1 |
| 13 | 325–7 | Screw–HH | 2 |
| 14 | 75–3110 | Collar–Transmission | 1 |
| 15 | 92–4808 | Sleeve–Trans. Pilot | 1 |
| 16 | 3296–23 | Nut–Lock | 2 |
| 17 | 93–6691 | Decal–Bolt | 1 |
| 18 | 237–79 | O–Ring | 2 |
| 19 | 340–3 | Fitting–Hydraulic, Straight (Incl. Ref. #18 & 20) | 2 |
| 20 | 237–22 | O–Ring | 2 |
| 21 | 93–0076 | Hose–Hydraulic | 1 |
| 22 | 237–78 | O–Ring | 1 |
| 23 | 354–77 | Fitting–Hydraulic Test Port (Incl. Ref. #22) | 1 |
| 24 | 354–79 | Cap–Test Port | 1 |

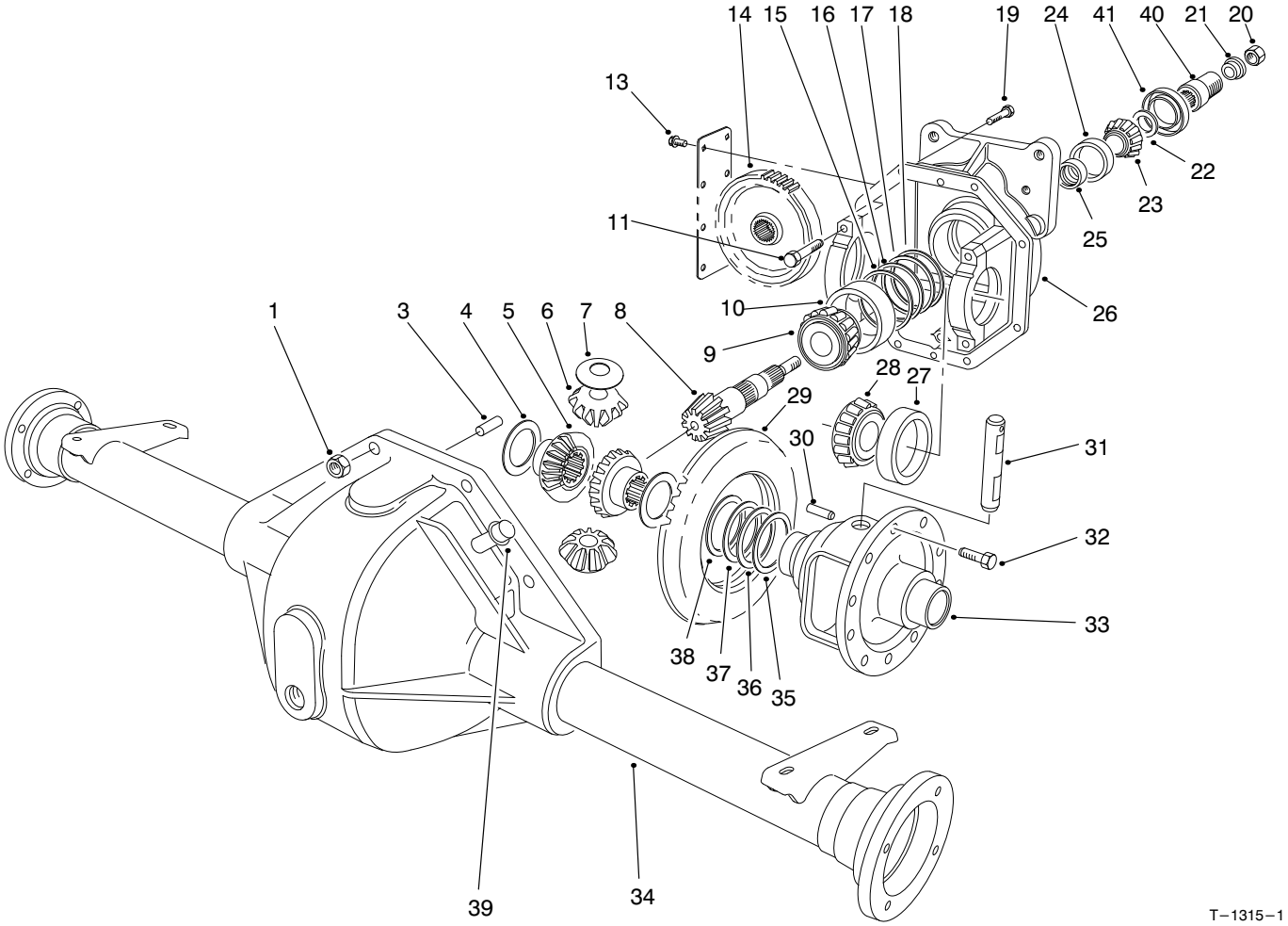
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 237–81 | O–Ring | 2 |
| 26 | 75–4720 | Fitting–Hydraulic 90° (Incl. Ref. #25) | 1 |
| 27 | 2412–129 | Clamp–Hose | 2 |
| 28 | 75–6350 | Hose | 1 |
| 29 | 324–7 | Screw–HH | 4 |
| 30 | 93–0075 | Hose–Hydraulic | 1 |
| 31 | 75–1330 | Filter–Oil | 1 |
| 32 | 323–12 | Screw–HH | 2 |
| 33 | 3253–21 | Washer–Lock | 2 |
| 34 | 75–0012 | Asm–Transmission | 1 |
| 35 | 3296–39 | Nut–Lock | 2 |
| 36 | 237–161 | O–Ring | 1 |
| 37 | 86–7220 | Gear–Pinion | 1 |
| 38 | 32151–62 | Ring–Retaining | 1 |
| 39 | 92–4846 | Asm–Trans. Support (Incl. Ref. #14 & 15) | 1 |
| 40 | 354–75 | Fitting–Hydraulic 90° (Incl. Ref. #25) | 1 |
| 41 | 75–6340 | Strainer–In–Line | 1 |
| 42 | 354–72 | Fitting–Hydraulic 45° | 1 |
| 43 | 42–6080 | Shim–Axle | A/R |
| 44 | 66–6480 | Washer–Flat | 4 |
| 45 | 3296–48 | Nut–Lock | 4 |
| 46 | 94–6933 | Asm–Front Axle | 1 |
| 47 | 75–6850 | Tube–Oil Fill | 1 |




# FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 48 | 27–3710 | Dipstick–Axle | 1 |
| 49 | 323–20 | Screw–HH | 2 |
| 50 | 3218–1 | Nut–Jam | 1 |
| 51 | 237–181 | O–Ring | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 52 | 217–120 | Rim | 2 |
| 53 | 231–134 | Tire | 2 |
| 54 | 3256–22 | Washer–Flat | 2 |

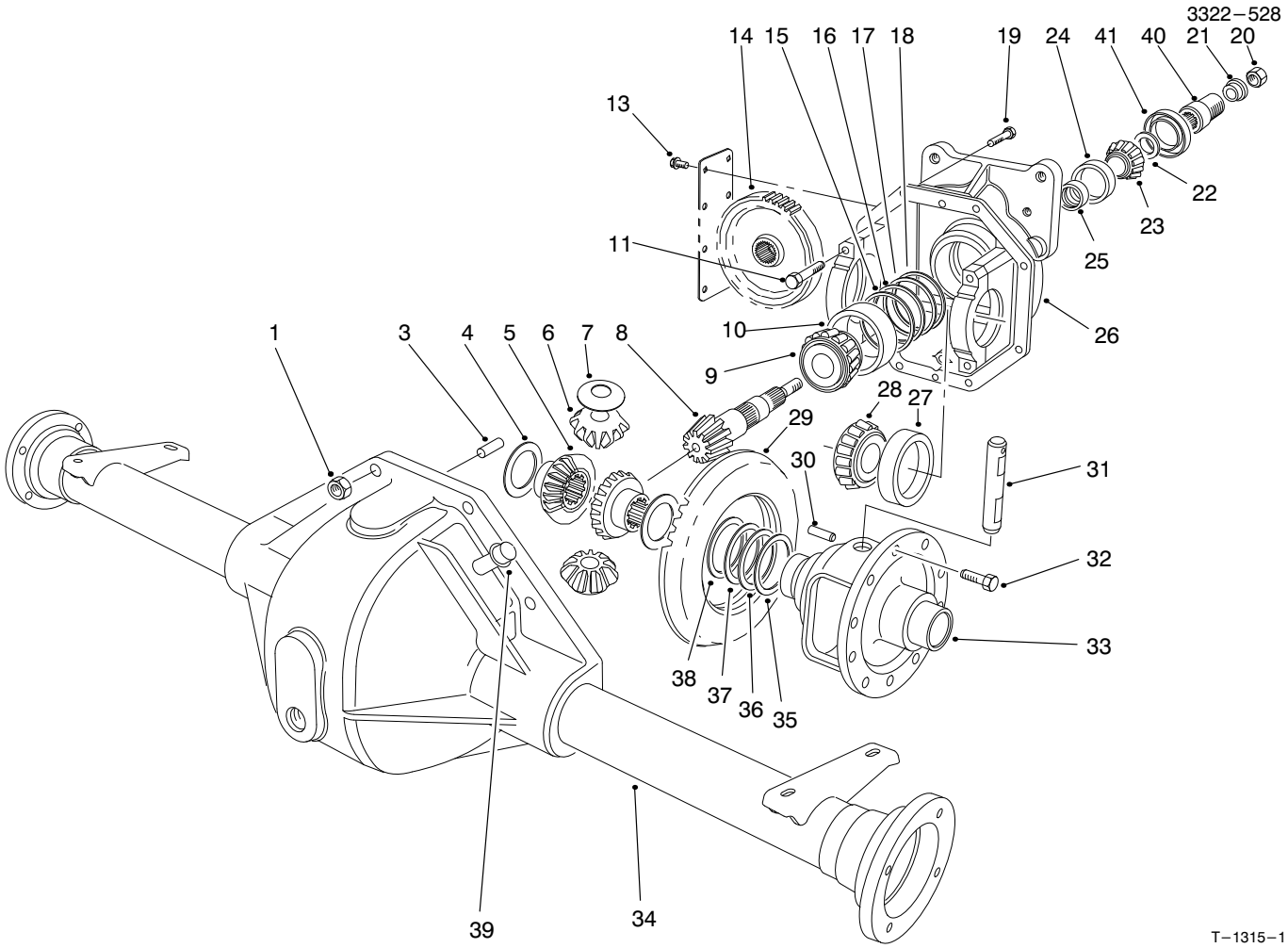



# FRONT AXLE ASSEMBLY NO. 94–6933

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32144–5 | Nut | 8 |
| 3 | 21–8270 | Pin–Dowel | 2 |
| 4 | 21–7720 | Washer–Thrust | 2 |
| 5 | 24–8790 | Gear–Bevel, Differential | 2 |
| 6 | 21–7690 | Gear–Pinion | 2 |
| 7 | 21–7730 | Washer–Thrust | 2 |
| †8 | | Pinion–Drive | 1 |
| 9 | 43–6760 | Cone–Bearing, tapered | 1 |
| 10 | 43–6750 | Cup–Bearing, Tapered | 1 |
| 11 | 92–1773 | Screw–HH | 4 |
| 13 | 32144–112 | Screw–Thread Forming | 8 |
| 14 | 86–7230 | Gear–Spur | 1 |
| 15 | 43–6710 | Diff. Adjust. Shim .003 | A/R |
| 16 | 43–6711 | Diff. Adjust. Shim .005 | A/R |
| 17 | 43–6712 | Diff. Adjust. Shim .010 | A/R |
| 18 | 43–6713 | Diff. Adjust. Shim .030 | A/R |
| 19 | 3210–8 | Screw–HH | 8 |
| 20 | 71–4350 | Nut | 1 |
| 21 | 83–5130 | Spacer–Pinion | 1 |
| 22 | 72–3570 | Shim .094–Diff. Adjust. | A/R |
| * | 72–3571 | Shim .096–Diff. Adjust. | A/R |
| * | 72–3572 | Shim .098–Diff. Adjust. | A/R |
| 22 | 72–3573 | Shim .100–Diff. Adjust. | A/R |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| * | 72–3574 | Shim .102–Diff. Adjust. | A/R |
| * | 72–3575 | Shim .104–Diff. Adjust. | A/R |
| * | 72–3576 | Shim .106–Diff. Adjust. | A/R |
| * | 72–3577 | Shim .108–Diff. Adjust. | A/R |
| * | 72–3578 | Shim .110–Diff. Adjust. | A/R |
| * | 72–3580 | Shim .112–Diff. Adjust. | A/R |
| * | 72–3581 | Shim .114–Diff. Adjust. | A/R |
| * | 72–3582 | Shim .116–Diff. Adjust. | A/R |
| * | 72–3583 | Shim .118–Diff. Adjust. | A/R |
| * | 72–3584 | Shim .120–Diff. Adjust. | A/R |
| * | 72–3585 | Shim .125–Diff. Adjust. | A/R |
| * | 72–3586 | Shim .127–Diff. Adjust. | A/R |
| * | 72–3587 | Shim .129–Diff. Adjust. | A/R |
| * | 72–3588 | Shim .131–Diff. Adjust. | A/R |
| * | 72–3590 | Shim .133–Diff. Adjust. | A/R |
| * | 72–3591 | Shim .135–Diff. Adjust. | A/R |
| * | 72–3592 | Shim .137–Diff. Adjust. | A/R |
| * | 72–3593 | Shim .139–Diff. Adjust. | A/R |
| * | 72–3594 | Shim .141–Diff. Adjust. | A/R |
| * | 72–3595 | Shim .143–Diff. Adjust. | A/R |
| * | 72–3596 | Shim .145–Diff. Adjust. | A/R |
| * | 72–3597 | Shim .147–Diff. Adjust. | A/R |
| * | 72–3598 | Shim .149–Diff. Adjust. | A/R |

*Not Illustrated
†Not Serviced Separately



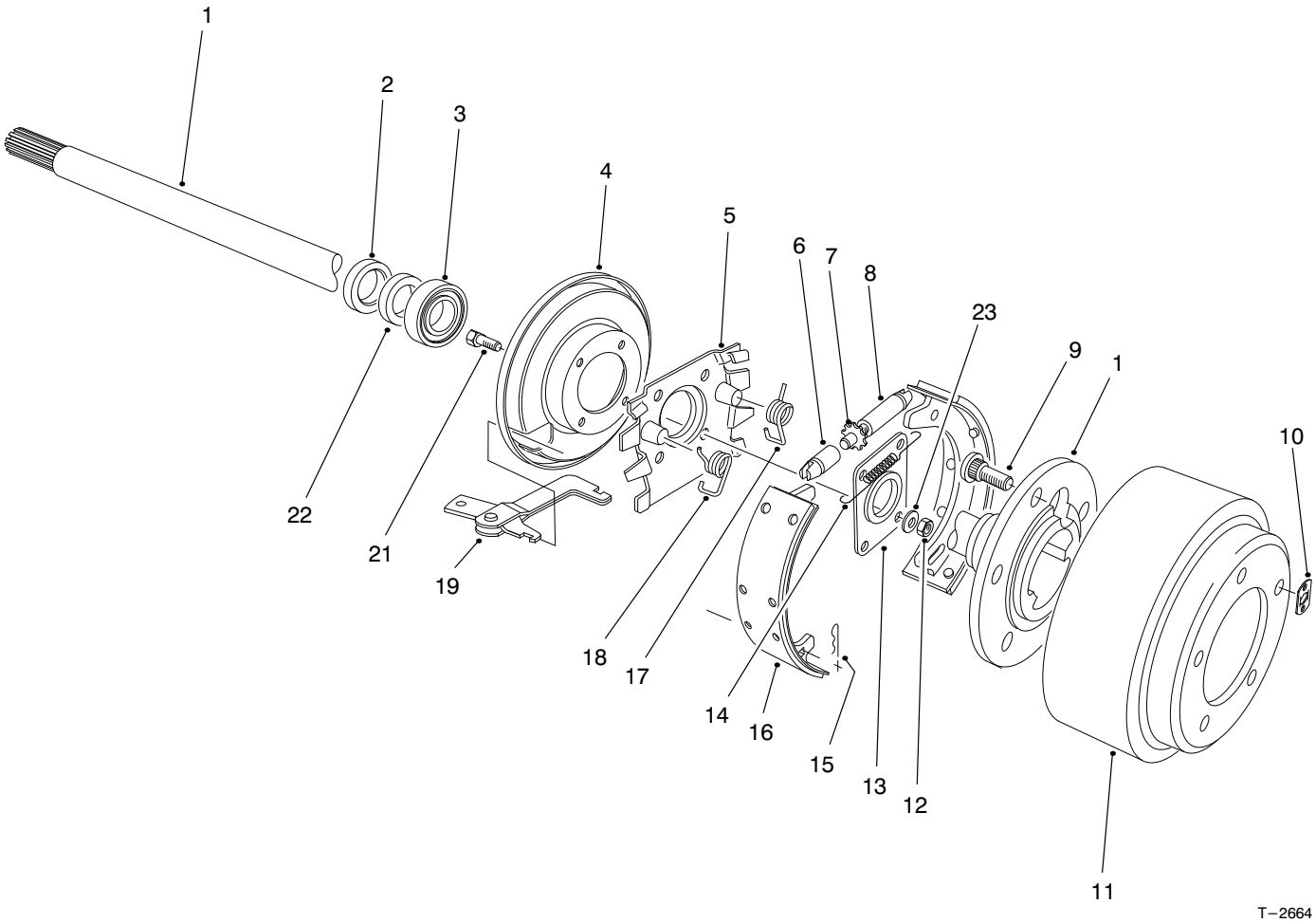

# FRONT AXLE ASSEMBLY NO. 94–6933 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 72–3600 | Shim .151–Diff. Adjust. | A/R |
| 23 | 254–91 | Cone–Bearing | 1 |
| 24 | 21–8390 | Cup–Bearing | 1 |
| 25 | 21–8020 | Spacer–Front Pinion | 1 |
| 26 | 93–3619 | Upper Housing (Incl. Ref. #11) | 1 |
| 27 | 254–66 | Cup–Tapered Bearing | 2 |
| 28 | 254–65 | Cone–Tapered Bearing | 2 |
| †29 | | Gear–Ring | 1 |
| 30 | 21–7710 | Pin–Roll | 1 |
| 31 | 21–7700 | Shaft–Pinion Mate | 1 |
| 32 | 21–7770 | Screw–Drive Gear | 5 |
| 33 | 21–7670 | Case–Differential | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 34 | 75–0721 | Housing–Lower | 1 |
| 35 | 21–8120 | Diff. Adjust. Shim .030 | A/R |
| 36 | 21–8110 | Diff. Adjust. Shim .010 | A/R |
| 37 | 21–8100 | Diff. Adjust. Shim .005 | A/R |
| 38 | 21–8090 | Diff. Adjust. Shim .003 | A/R |
| 39 | 72–9420 | Asm–Vent Tube | 1 |
| 40 | 83–4910 | Coupler–Pinion | 1 |
| 41 | 71–4330 | Seal | 1 |
| * | 93–3618 | Asm–Gear & Pinion (Incl. Ref. #8 & 29) | 1 |
| * | 93–3617 | Asm–Differential (Incl. Ref. #4–10, 14–33, 35–38, 40 & 41) | 1 |

*Not Illustrated
†Not Serviced Separately

3322−528

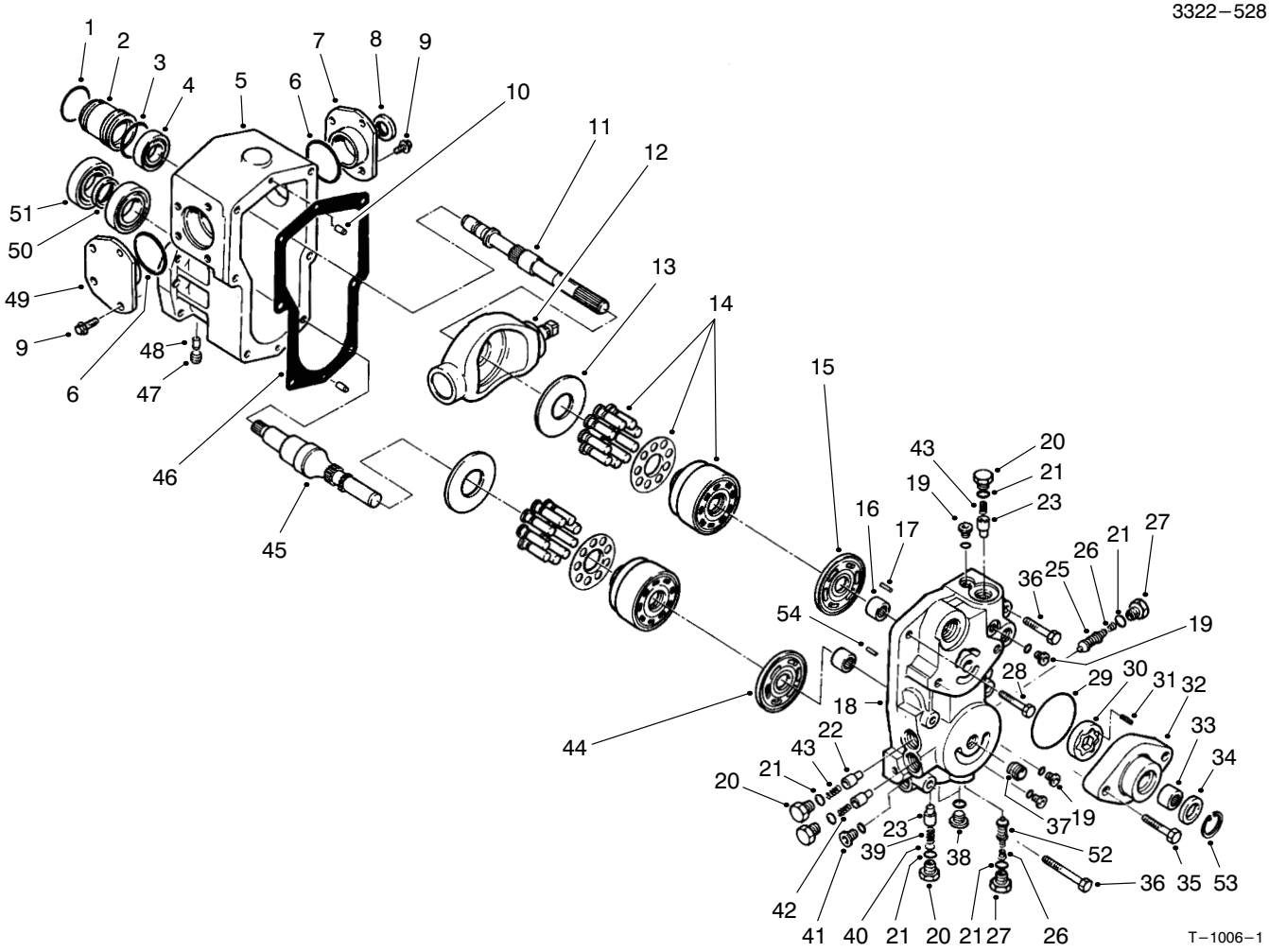



# BRAKE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 27−6862 | Shaft−Axle, Flanged LH | 1 |
| * | 27−6852 | Shaft−Axle, Flanged RH | 1 |
| 2 | 99−6969 | Seal−Oil | 2 |
| 3 | 21−8180 | Bearing | 2 |
| 4 | 21−9450 | Shield−Dust | 2 |
| 5 | 43−6810 | Spider−Torque | 2 |
| 6 | 21−9390 | Socket−Adjusting Screw | 2 |
| 7 | 21−9370 | Screw−Adjusting | 2 |
| 8 | 21−9380 | Nut−Pivot | 2 |
| 9 | 242−34 | Stud−Flange, Axle | 10 |
| 10 | 21−8360 | Clip−Retaining | 2 |
| 11 | 28−0680 | Drum−Brake | 2 |
| 12 | 94−6935 | Nut−Lock | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 13 | 28−0670 | Seal−Oil | 2 |
| 14 | 21−9440 | Spring−Adjusting Screw | 2 |
| 15 | 21−9460 | Retainer−Brake, Parking | 4 |
| 16 | 84−8590 | Asm−Shoe & Lining | 4 |
| 17 | 21−9420 | Spring−Shoe Return, LH | 2 |
| 18 | 21−9430 | Spring−Shoe Return, RH | 2 |
| 19 | 24−9180 | Lever, Brake, Parking | 2 |
| 21 | 94−6934 | Screw−HSH | 8 |
| 22 | 24−8840 | Ring−Bearing, Wheel | 2 |
| 23 | 94−6936 | Washer−Flat | 8 |
| * | 84−8600 | Set of Lined Brake Shoes | 1 |
| * | 92−8775 | Kit−Gasket, Liquid | 1 |

*Not Illustrated

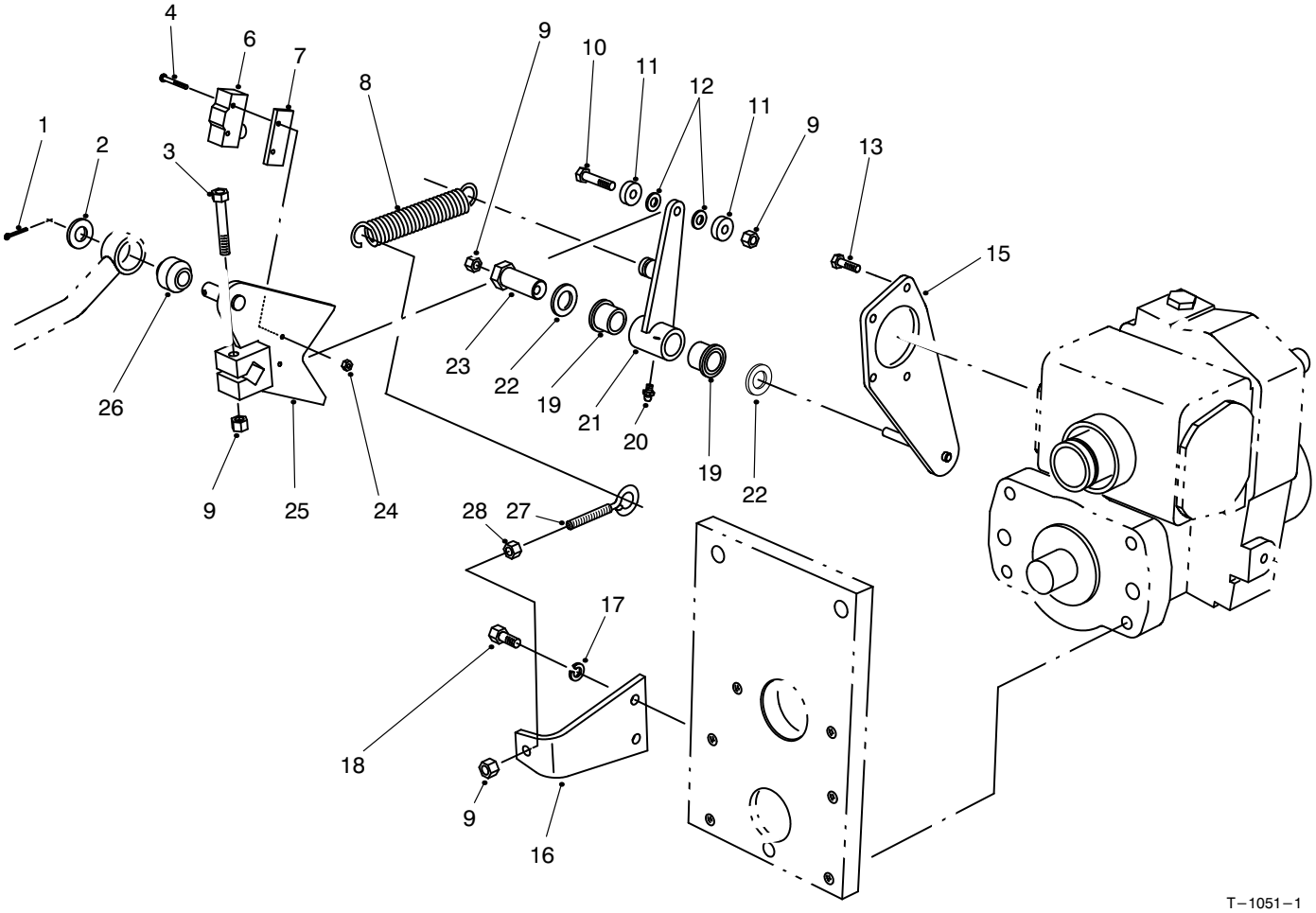



# TRANSMISSION ASSEMBLY NO. 75–0012

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 75–0430 | Ring–Retaining | 1 |
| 2 | 75–0150 | Guide–Seal | 1 |
| 3 | 75–0410 | O–Ring | 1 |
| 4 | 75–0520 | Bearing–Ball | 1 |
| 5 | 75–0020 | Housing | 1 |
| 6 | 75–0210 | O–Ring | 2 |
| 7 | 86–7520 | Asm–Trunnion Cover RH | 1 |
| 8 | 75–0230 | Seal–Lip | 1 |
| 9 | 75–0090 | Screw–HH | 8 |
| 10 | 75–0480 | Pin | 2 |
| 11 | 86–7540 | Shaft–Pump | 1 |
| 12 | 75–0390 | Plate–Swash | 1 |
| 13 | 75–0400 | Plate–Thrust | 2 |
| 14 | 75–0470 | Kit–Cylinder Block | 2 |
| 15 | 75–0380 | Plate–Valve | 1 |
| 16 | 75–0500 | Bearing–Needle | 2 |
| 17 | 75–0510 | Pin | 1 |
| 18 | 75–0040 | Center Section | 1 |
| 19 | 75–0170 | Plug–Straight Thread | 4 |
| 20 | 75–0060 | Plug | 4 |
| 21 | 75–0240 | O–Ring | 6 |
| 22 | 75–0290 | Spring | 2 |
| 23 | 75–0260 | Valve–Relief | 4 |
| 24 | 75–0130 | Screw–HH | 3 |
| 25 | 93–0097 | Valve–SCR | 1 |
| 26 | 75–0140 | Spring–Conical | 1 |
| 27 | 75–0190 | Plug–Special | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 28 | 75–0120 | Screw–HH | 1 |
| 29 | 75–0370 | O–Ring | 1 |
| 30 | 75–0360 | Gerotor | 1 |
| 31 | 75–0350 | Pin | 1 |
| 32 | 83–4780 | Housing–Charge Pump | 1 |
| 33 | 75–0340 | Bearing–Needle | 1 |
| 34 | 75–0330 | Seal–Lip | 1 |
| 35 | 75–0110 | Screw–HH | 2 |
| 36 | 75–0180 | Screw–HH | 2 |
| 37 | 75–0320 | Nipple | 1 |
| 38 | 75–0200 | Plug–Straight Thread | 2 |
| 39 | 75–0270 | Spring | 1 |
| 40 | 75–0310 | Shim | 1 |
| 41 | 75–0070 | Plug | 1 |
| 42 | 75–0280 | Spring | 1 |
| 44 | 93–0083 | Plate–Valve | 1 |
| 45 | 75–0440 | Shaft–Motor | 1 |
| 46 | 75–0030 | Gasket–Housing | 1 |
| 47 | 75–0160 | Plug–Pipe | 1 |
| 48 | 75–0220 | Pin | 2 |
| 49 | 86–7530 | Asm–Trunnion Cover LH | 1 |
| 50 | 75–0450 | Collar | 1 |
| 51 | 75–0460 | Bearing–Ball | 2 |
| 52 | 75–6930 | Valve–SCR | 1 |
| 53 | 32120–74 | Ring–Retaining | 1 |
| 54 | 75–0250 | Pin–Slotted | 1 |

*Not Illustrated

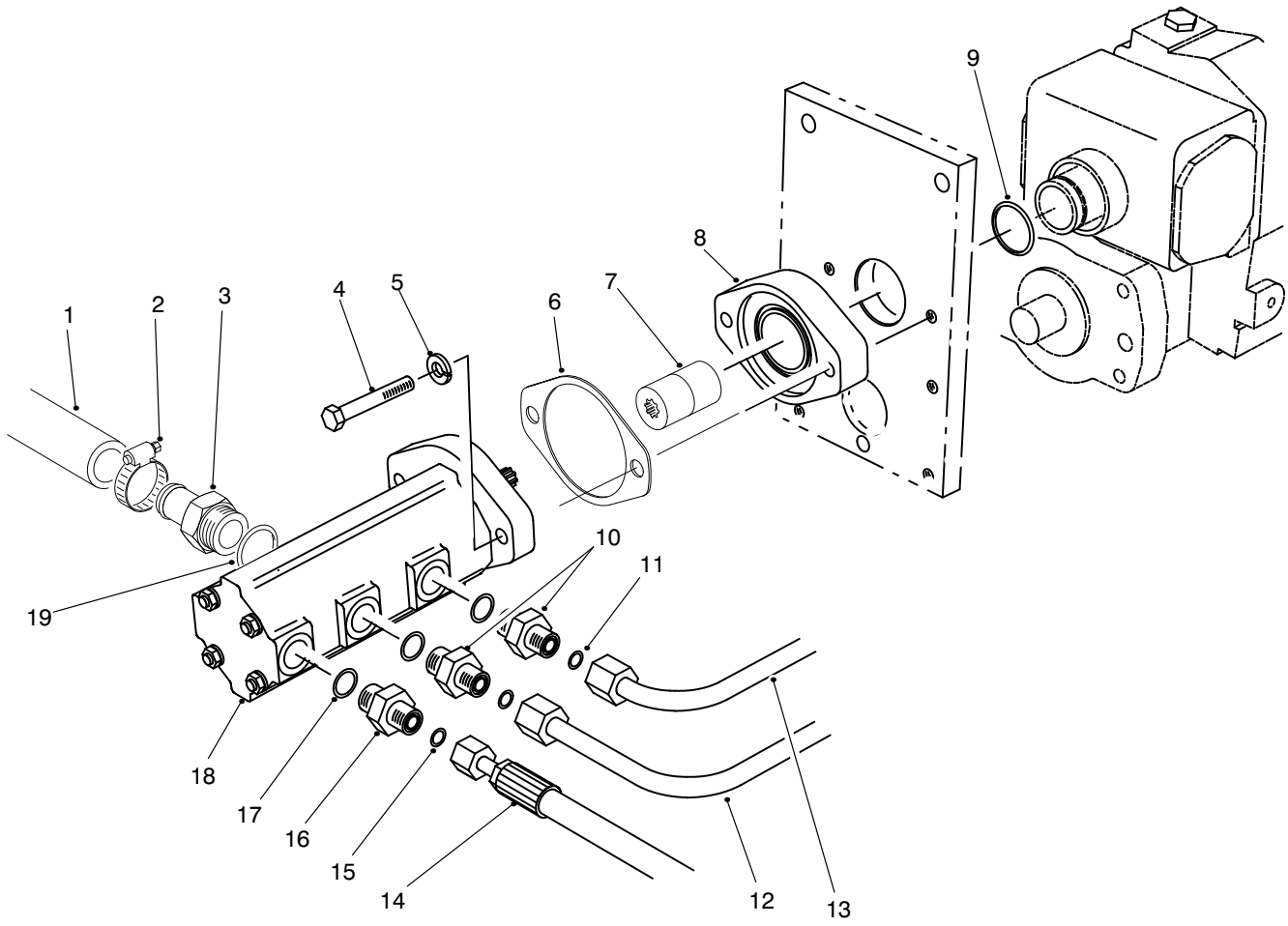



# TRACTION CONTROL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3272−10 | Pin−Cotter | 1 |
| 2 | 3256−26 | Washer−Flat | 1 |
| 3 | 322−10 | Screw−HH | 1 |
| 4 | 32105−21 | Screw | 2 |
| 6 | 29−6162 | Switch−Neutral | 1 |
| 7 | 75−4130 | Plate−Switch | 1 |
| 8 | 76−9430 | Spring−Extension | 1 |
| 9 | 3296−29 | Nut−Lock | 4 |
| 10 | 322−7 | Screw−HH | 1 |
| 11 | 251−259 | Bearing−Ball | 2 |
| 12 | 75−5470 | Spacer | 2 |
| 13 | 32144−22 | Screw−HH | 4 |
| 15 | 75−4080 | Plate−Traction | 1 |
| 16 | 85−9900 | Plate−Spring Anchor | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 3253−4 | Washer−Lock | 2 |
| 18 | 322−3 | Screw−HH | 2 |
| 19 | 256−113 | Bushing−Flange | 2 |
| 20 | 302−5 | Fitting−Grease | 1 |
| 21 | 92−2581 | Asm−Switch Arm (Incl. Ref. #19 & 20) | 1 |
| 22 | 3−6498 | Washer−Thrust | 2 |
| 23 | 76−8640 | Stud−Traction | 1 |
| 24 | 3296−9 | Nut−Hex. | 2 |
| 25 | 75−4100 | Control−Pump | 1 |
| 26 | 23−2270 | Bushing−Rubber | 1 |
| 27 | 85−9910 | Eyebolt | 1 |
| 28 | 3217−6 | Nut−Hex. | 1 |

3322–528

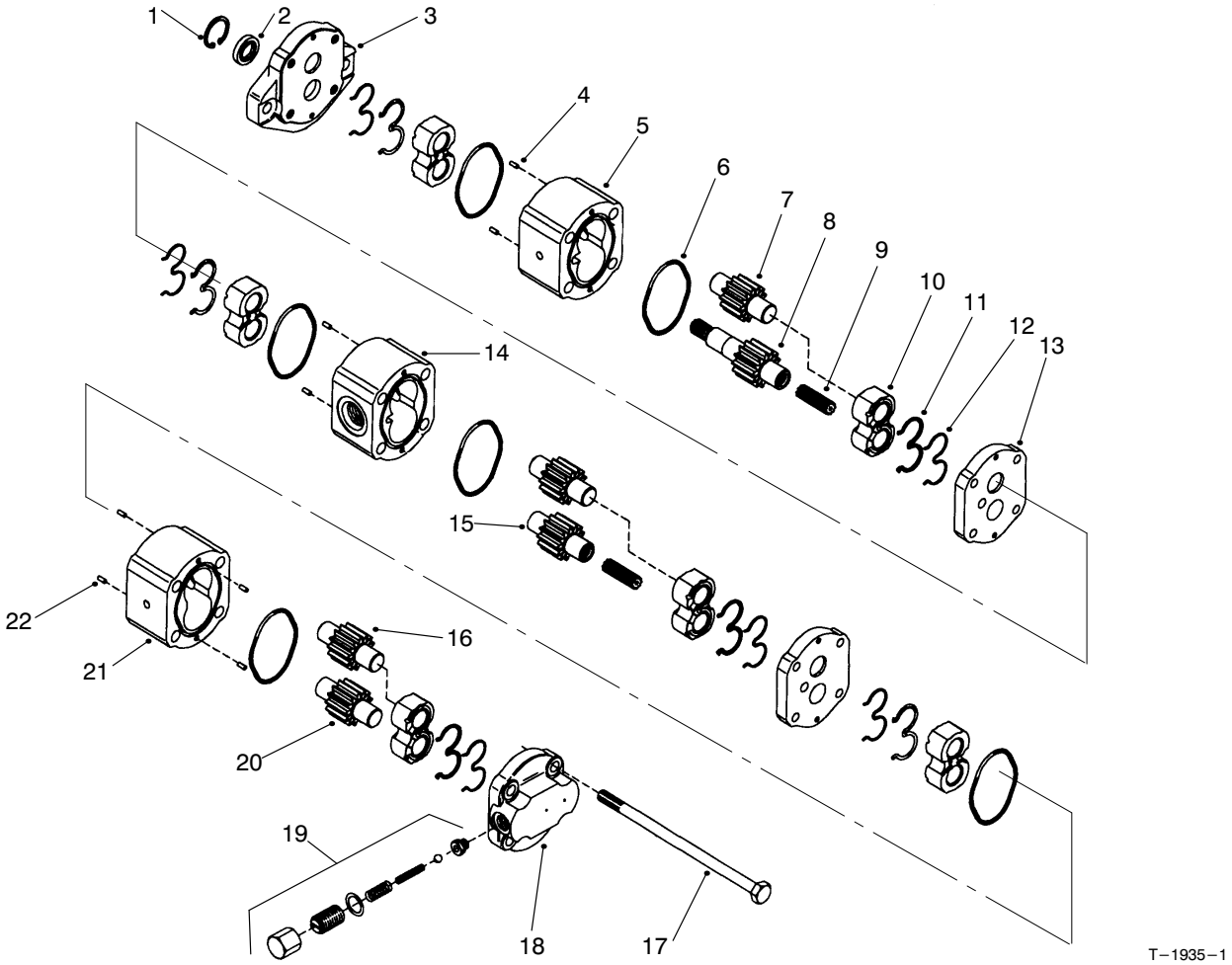



T–1928–1

# GEAR PUMP INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 75–6870 | Hose–Suction | 1 |
| 2 | 2412–34 | Clamp–Hose | 1 |
| 3 | 354–78 | Fitting–Hydraulic (Incl. Ref. #19) | 1 |
| 4 | 323–12 | Screw–HH | 2 |
| 5 | 3253–5 | Washer–Lock | 2 |
| 6 | 93–3604 | Gasket | 1 |
| 7 | 93–1396 | Coupler–Trans. | 1 |
| 8 | 75–4400 | Adaptor–Transmission | 1 |
| 9 | 237–163 | O–Ring | 1 |
| 10 | 340–4 | Fitting–Hydraulic Straight (Incl. Ref. #11 & 17) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 237–30 | O–Ring | 2 |
| 12 | 93–3643 | Tube–Hydraulic | 1 |
| 13 | 93–3642 | Tube–Hydraulic | 1 |
| 14 | 75–6240 | Hose–Hydraulic | 1 |
| 15 | 237–22 | O–Ring | 1 |
| 16 | 340–3 | Fitting–Hydraulic Straight (Incl. Ref. #15 & 17) | 1 |
| 17 | 237–79 | O–Ring | 3 |
| 18 | 98–9796 | Asm–Pump, Gear | 1 |
| 19 | 237–146 | O–Ring | 1 |

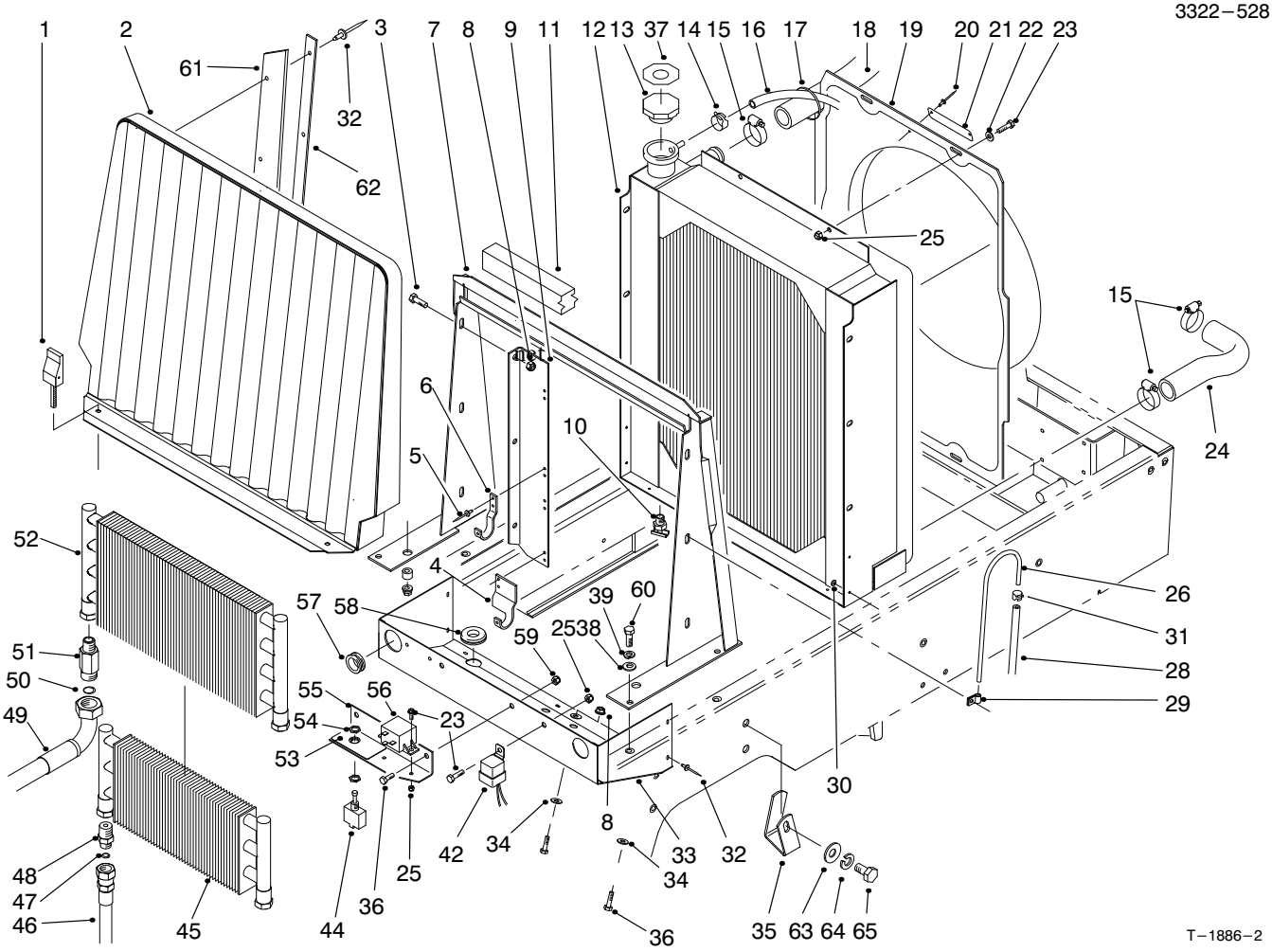



# HYDRAULIC PUMP NO. 98−9796

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Ring−Retaining | 1 |
| 2 | | Seal−Shaft | 1 |
| 3 | | Flange | 1 |
| 4 | 93−4278 | Pin−Dowel | 4 |
| 5 | | Housing | 1 |
| 6 | | O−Ring | 2 |
| 7 | | Gear−Idler | 1 |
| 8 | | Gear−Drive | 1 |
| 9 | 93−4280 | Coupling | 2 |
| 10 | | Bearing | 2 |
| 11 | | E−Seal | 2 |
| 12 | | Ring−Backup | 2 |
| 13 | 93−4279 | Plate−Distance | 2 |
| 14 | | Housing | 1 |
| 15 | | Gear−Idler | 1 |
| 16 | | Gear−Idler | 1 |
| 17 | 93−4283 | Bolt | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 93−4282 | Block−Valve | 1 |
| 19 | 93−4277 | Kit−Valve | 1 |
| 20 | | Gear−Idler | 1 |
| 21 | | Housing | 1 |
| 22 | 93−4281 | Pin−Dowel | 4 |
| * | 93−4268 | Kit−Flange (Incl. Ref. #1−3) | 1 |
| * | 98−9798 | Kit−Housing, Section 1 (Incl. Ref. #6, 7, 10−12, 14 & 15) | 1 |
| * | 98−9797 | Kit−Housing, Section 2 (Incl. Ref. #5−8, & 10−12) | 1 |
| * | 98−9799 | Kit−Housing, Section 3 (Incl. Ref. #6,10−12, 16, & 20−21) | 1 |
| * | 99−8353 | Kit−Individual Pieces (Incl. Ref. #2, 6, 11, & 12) | 1 |

*Not Illustrated

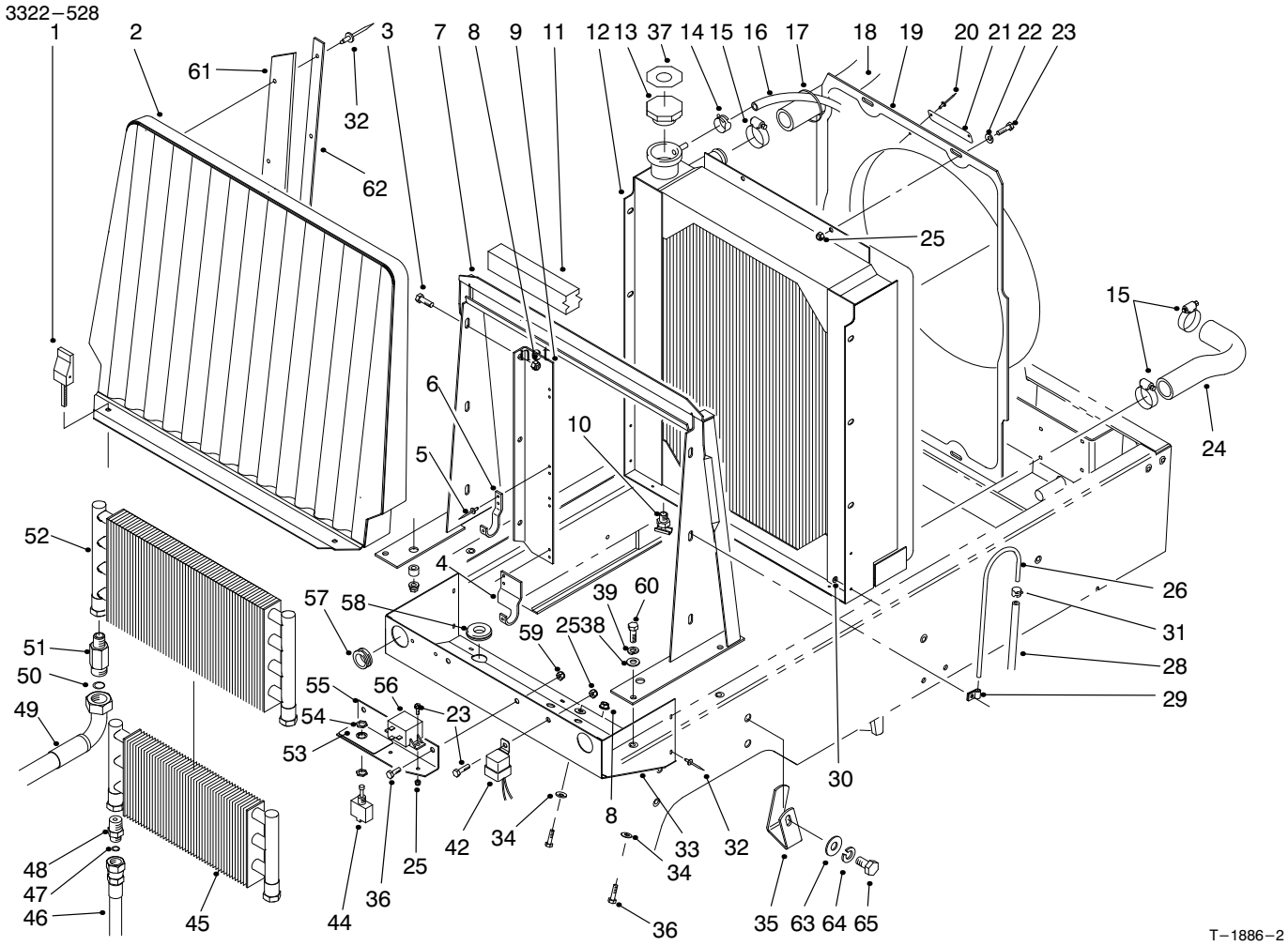



# RADIATOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 93−1374 | Latch−Swell | 2 |
| 2 | 93−0032 | Housing−Front Screen | 1 |
| 3 | 3234−5 | Screw−Whiz Lock | 6 |
| 4 | 93−0090 | Bracket−Mount RH, Cooler | 1 |
| *4 | 93−0089 | Bracket−Mount LH, Cooler | 1 |
| 5 | 3269−15 | Rivet−Pop | 8 |
| 6 | 75−0930 | Hook−Oil Cooler | 4 |
| 7 | 98−9317 | Support−Radiator | 1 |
| 8 | 32128−20 | Nut−Whiz | 8 |
| 9 | 93−0030 | Asm−Cooler Mount RH (Incl. Ref. #4−6) | 1 |
| * | 93−0071 | Asm−Cooler Mount LH (Incl. Ref. #*4−6) | 1 |
| 10 | 304−46 | Drain−Radiator | 1 |
| 11 | 93−0005 | Strip−Foam, Top | 1 |
| 12 | 98−4507 | Radiator | 1 |
| 13 | 66−3240 | Cap−Radiator | 1 |
| 14 | 92−2379 | Clamp−Hose | 1 |
| 15 | 2412−34 | Clamp−Hose | 4 |
| 16 | 75−2851 | Hose−Expansion Tank | 1 |
| 17 | 3290−378 | Tie−Cable | 1 |
| 18 | 98−4511 | Hose−Radiator Upper | 1 |
| 19 | 98−4571 | Shroud−Fan | 1 |
| 20 | 3290−271 | Rivet−Pop | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 98−9335 | Plate−Caution | 1 |
| 22 | 3256−22 | Washer−Flat | 4 |
| 23 | 321−4 | Screw−HH | 7 |
| 24 | 98−4512 | Hose−Radiator Lower | 1 |
| 25 | 3296−42 | Nut−Lock | 7 |
| 26 | 66−3180 | Tube−Vent | 1 |
| 28 | 75−4701 | Hose−Fuel Vent | 1 |
| 29 | 2412−103 | Clamp−R | 2 |
| 30 | 3269−10 | Washer−Back−up | 5 |
| 31 | 2412−98 | Clamp−Hose | 1 |
| 32 | 3269−13 | Rivet−Pop | 15 |
| 33 | 93−0025 | Shield−Radiator | 1 |
| 34 | 3256−2 | Washer−Flat | 4 |
| 35 | 98−4591 | Clamp−Hose LH | 1 |
| * | 98−4592 | Clamp−Hose RH | 1 |
| 36 | 322−2 | Screw−HH | 4 |
| 37 | 93−7840 | Decal−Radiator Cap | 1 |
| 38 | 3256−23 | Washer−Flat | 4 |
| 39 | 3253−4 | Washer−Lock | 4 |
| 42 | 63−7590 | Relay−Starter | 1 |
| 44 | 99−8352 | Switch−Backlap (Incl. Ref. #54) | 1 |
| 45 | 24−0760 | Exchanger−Heat | 1 |

*Not Illustrated

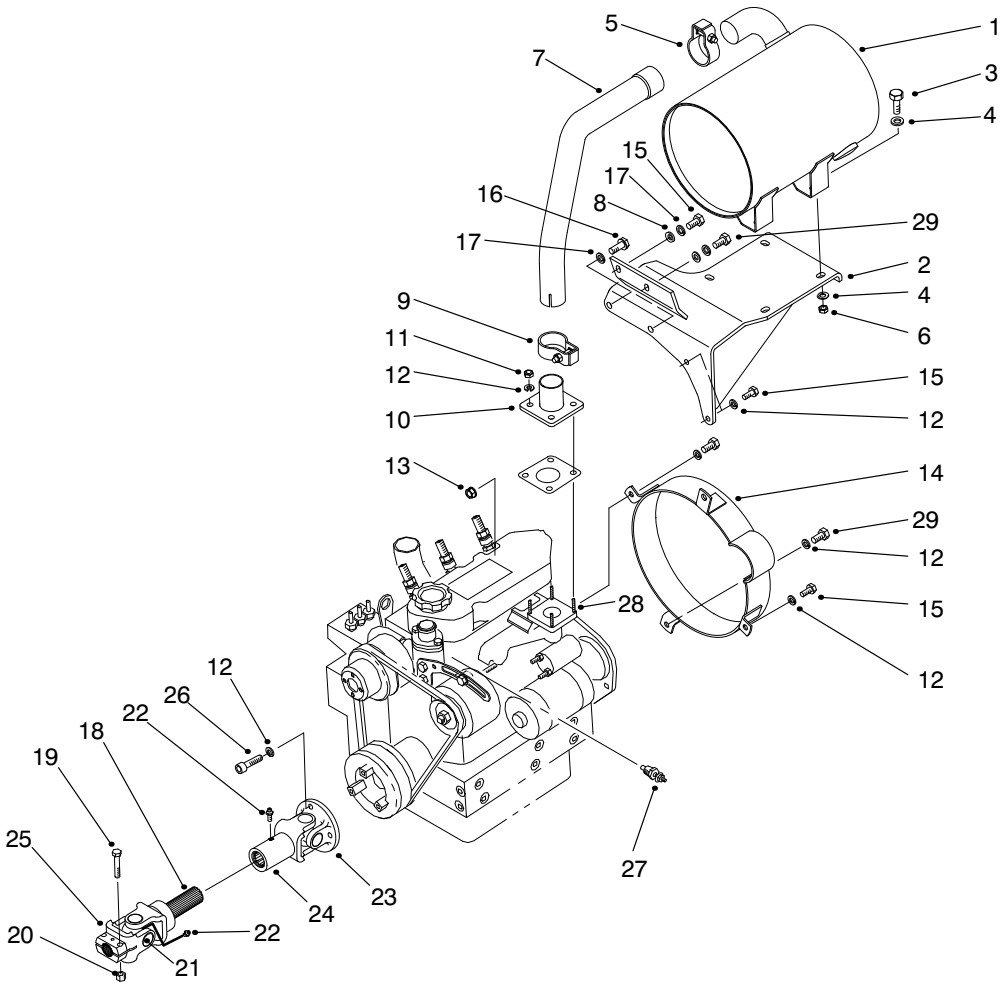



# RADIATOR ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 46 | 93–0076 | Hose–Trans. to Cooler | 1 |
| * | 93–0075 | Hose–Trans. to Cooler | 1 |
| 47 | 237–22 | O–Ring | 2 |
| 48 | 340–124 | Fitting–Straight (Incl. Ref. #47) | 2 |
| 49 | 93–0077 | Hose–Cooler, RH | 1 |
| * | 93–0078 | Hose–Cooler, LH | 1 |
| 50 | 237–65 | O–Ring | 2 |
| 51 | 92–4999 | Fitting–Hydraulic 90° (Incl. Ref. #50) | 2 |
| 52 | 75–1040 | Cooler–Oil | 1 |
| 53 | 93–6684 | Decal–Backlap | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 54 | 218–498 | Nut–Lock | 2 |
| 55 | 75–3390 | Bracket–Backlap | 1 |
| 56 | 66–8800 | Relay–Glow Plug | 1 |
| 57 | 240–3 | Grommet | 2 |
| 58 | 93–0082 | Grommet | 2 |
| 59 | 3296–29 | Nut–Lock | 2 |
| 60 | 322–5 | Screw–HH | 4 |
| 61 | 93–3623 | Strip–Sealing, Radiator | 2 |
| 62 | 93–3624 | Plate–Retaining | 2 |
| 63 | 3256–26 | Washer–Flat | 2 |
| 64 | 3253–7 | Washer–Lock | 2 |
| 65 | 325–2 | Screw–HH | 2 |

*Not Illustrated



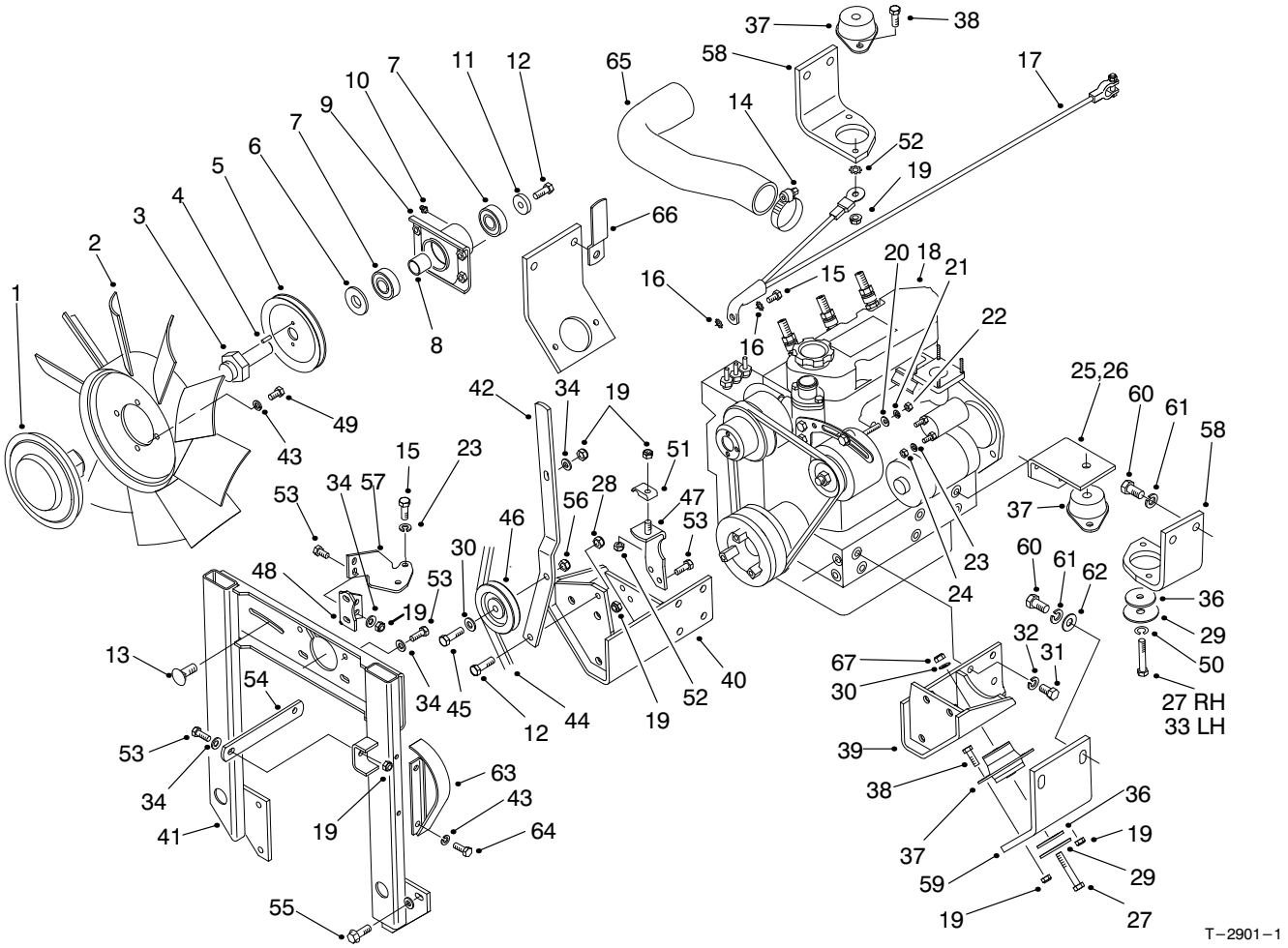

T–2900–2

# MUFFLER & PUMP DRIVE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9794 | Muffler | 1 |
| 2 | 98–4555 | Bracket–Muffler | 1 |
| 3 | 323–6 | Screw–HH | 4 |
| 4 | 3256–4 | Washer–Flat | 8 |
| 5 | 98–9310 | Clamp–Muffler | 1 |
| 6 | 3296–39 | Nut–Lock | 4 |
| 7 | 98–9745 | Tube–Exhaust | 1 |
| 8 | 33094–00 | Washer–Flat | 2 |
| 9 | 98–9309 | Clamp–Muffler | 1 |
| 10 | 98–4527 | Pipe–Engine Exhaust | 1 |
| 11 | 33014–00 | Nut–Lock | 4 |
| 12 | 42–9850 | Washer–Lock | 9 |
| 13 | 33024–00 | Nut–Lock | 1 |
| 14 | 98–4564 | Guard–Flywheel | 1 |
| 15 | 33114–025 | Screw–HH | 5 |
| 16 | 43–0090 | Screw–HH | 2 |
| 17 | 42–9600 | Washer–Lock | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 98–9765 | Yoke–Shaft | 1 |
| 19 | 322–9 | Screw–HH | 2 |
| 20 | 3296–29 | Nut–Lock | 2 |
| 21 | 98–9766 | Kit–U–Joint | 2 |
| 22 | 302–5 | Fitting–Grease | 2 |
| 23 | 98–9769 | Yoke–Flange | 1 |
| 24 | 98–9767 | Yoke–Slip Tube | 1 |
| 25 | 98–9768 | Yoke–End | 1 |
| 26 | 98–9322 | Screw–HSH | 3 |
| 27 | 98–9346 | Send–Temp | 1 |
| 28 | 42–9560 | Stud | 4 |
| 29 | 33114–020 | Screw–HH | 2 |
| * | 98–4593 | Asm–Drive Shaft (Incl. Ref. #18, 21–25) | 1 |
| * | 75–6880 | Screen–Spark Arrester (Optional) | 1 |

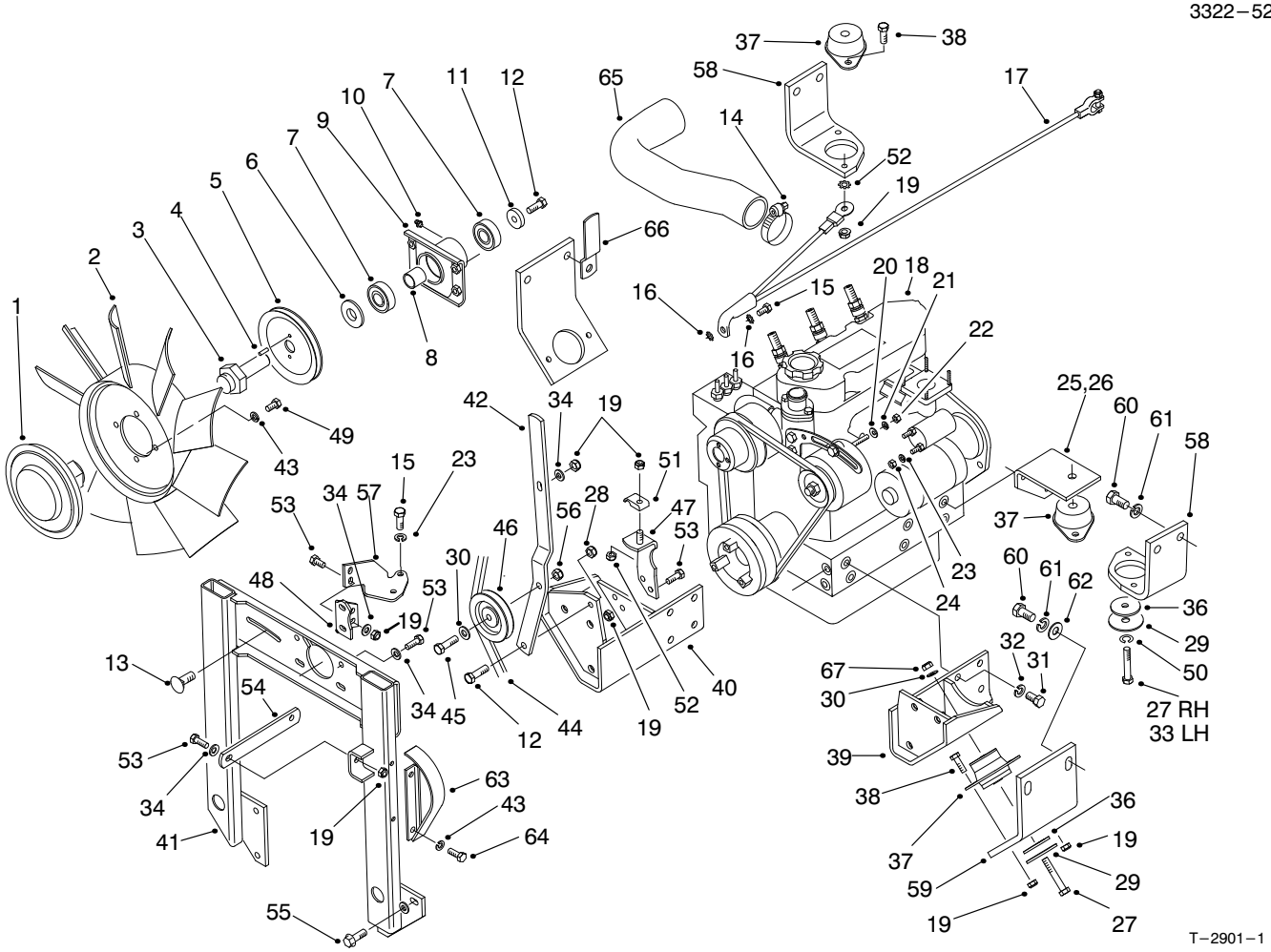
*Not Illustrated




# ENGINE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 74−5520 | Clutch−Fan | 1 |
| 2 | 75−3780 | Fan | 1 |
| 3 | 75−6380 | Shaft−Fan | 1 |
| 4 | 32121−2 | Pin−Roll | 2 |
| 5 | 98−9313 | Pulley−Fan | 1 |
| 6 | 47−0110 | Spacer−Spindle | 1 |
| 7 | 251−318 | Bearing−Ball | 2 |
| 8 | 75−5310 | Spacer−Bearing | 1 |
| 9 | 75−4450 | Hub−Fan Drive | 1 |
| 10 | 302−10 | Fitting−Grease 45° | 1 |
| 11 | 67−1630 | Spacer−Fan | 1 |
| 12 | 323−6 | Screw−HH | 2 |
| 13 | 3230−2 | Bolt−Carriage | 1 |
| 14 | 2412−92 | Clamp−Hose | 1 |
| 15 | 98−9322 | Screw−HH | 1 |
| 16 | 3255−9 | Washer−Lock | 2 |
| 17 | 98−4598 | Cable−Battery (Ground) | 1 |
| 18 | 99−8980 | Asm−Engine | 1 |
| 19 | 3296−29 | Nut−Lock | 15 |
| 20 | 3256−78 | Washer−Flat | 1 |
| 21 | 43−5930 | Washer−Lock | 1 |
| 22 | 48−7890 | Nut−Hex. | 1 |
| 23 | 42−9850 | Washer−Lock | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 57−6390 | Nut−Lock | 1 |
| 25 | 98−4515 | Bracket−Engine LH Rear | 1 |
| 26 | 94−4514 | Bracket−Engine RH Rear | 1 |
| 27 | 323−12 | Screw−HH RH | 3 |
| 28 | 3296−39 | Nut−Lock | 1 |
| 29 | 87−5100 | Washer−Snubbing | 4 |
| 30 | 3256−24 | Washer−Flat | 5 |
| 31 | 43−0090 | Screw−HH | 14 |
| 32 | 42−9600 | Washer−Lock | 14 |
| 33 | 323−10 | Screw−HH LH | 1 |
| 34 | 3256−23 | Washer−Flat | 10 |
| 35 | 33114−016 | Screw−HH | 2 |
| 36 | 83−1050 | Washer−Mount, Engine | 4 |
| 37 | 83−1030 | Mount−Engine | 4 |
| 38 | 322−6 | Screw−HH | 8 |
| 39 | 98−4539 | Bracket−Engine LH Front | 1 |
| 40 | 98−4543 | Bracket−Engine Mount RH | 1 |
| 41 | 98−4530 | Support−Fan, Engine | 1 |
| 42 | 98−4575 | Bracket−Fan Idler | 1 |
| 43 | 3253−4 | Washer−Lock | 6 |
| 44 | 98−9312 | Belt−V | 1 |
| 45 | 323−8 | Screw−HH | 1 |
| 46 | 63−8140 | Pulley−Idler | 1 |

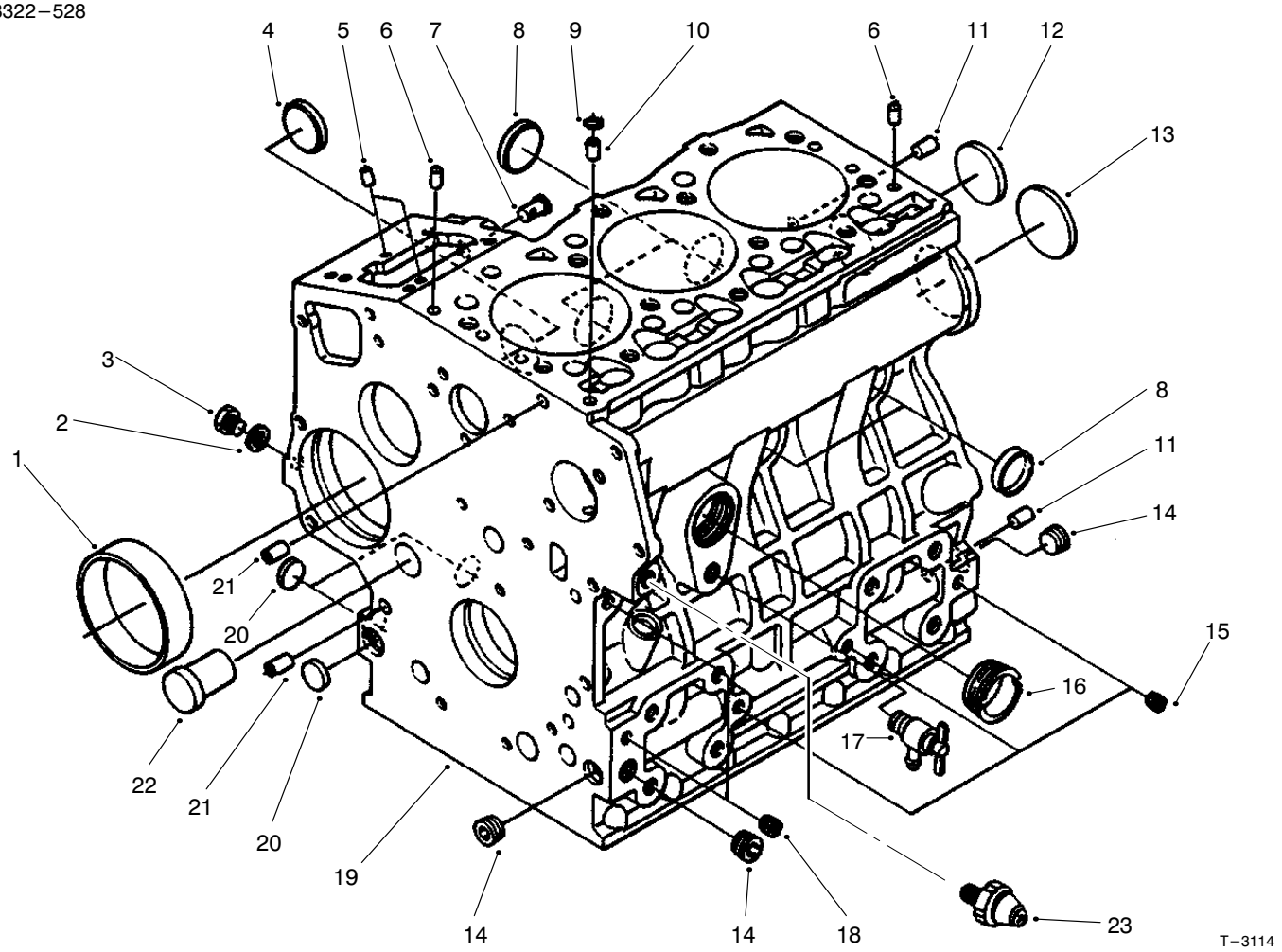



# ENGINE INSTALLATION ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 47 | 98–9749 | Bracket–Mount, Throttle | 1 |
| 48 | 98–9740 | Bracket–Support, Fan | 1 |
| 49 | 322–2 | Screw–HH | 4 |
| 50 | 3253–21 | Washer–Lock | 1 |
| 51 | 3–6657 | Clamp–Cable | 1 |
| 52 | 3255–8 | Washer–Lock | 1 |
| 53 | 322–4 | Screw–HH | 9 |
| 54 | 98–4547 | Plate–Mount, Fan | 1 |
| 55 | 3234–29 | Screw–HHF | 6 |
| 56 | 3296–59 | Nut–Lock | 1 |
| 57 | 98–9741 | Bracket–Mount, Fan | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 58 | 98–4513 | Bracket–Eng. Left Rear | 2 |
| 59 | 93–0095 | Bracket–Eng. Front | 2 |
| 60 | 3213–2 | Screw–HH | 8 |
| 61 | 3253–7 | Washer–Lock | 8 |
| 62 | 3256–40 | Washer–Flat | 4 |
| 63 | 98–4561 | Shield–Alternator | 1 |
| 64 | 32144–14 | Screw–HH | 2 |
| 65 | 98–4510 | Hose–Air Cleaner | 1 |
| 66 | 98–4594 | Clamp–Retainer | 1 |
| 67 | 32128–36 | Nut–HFH | 3 |

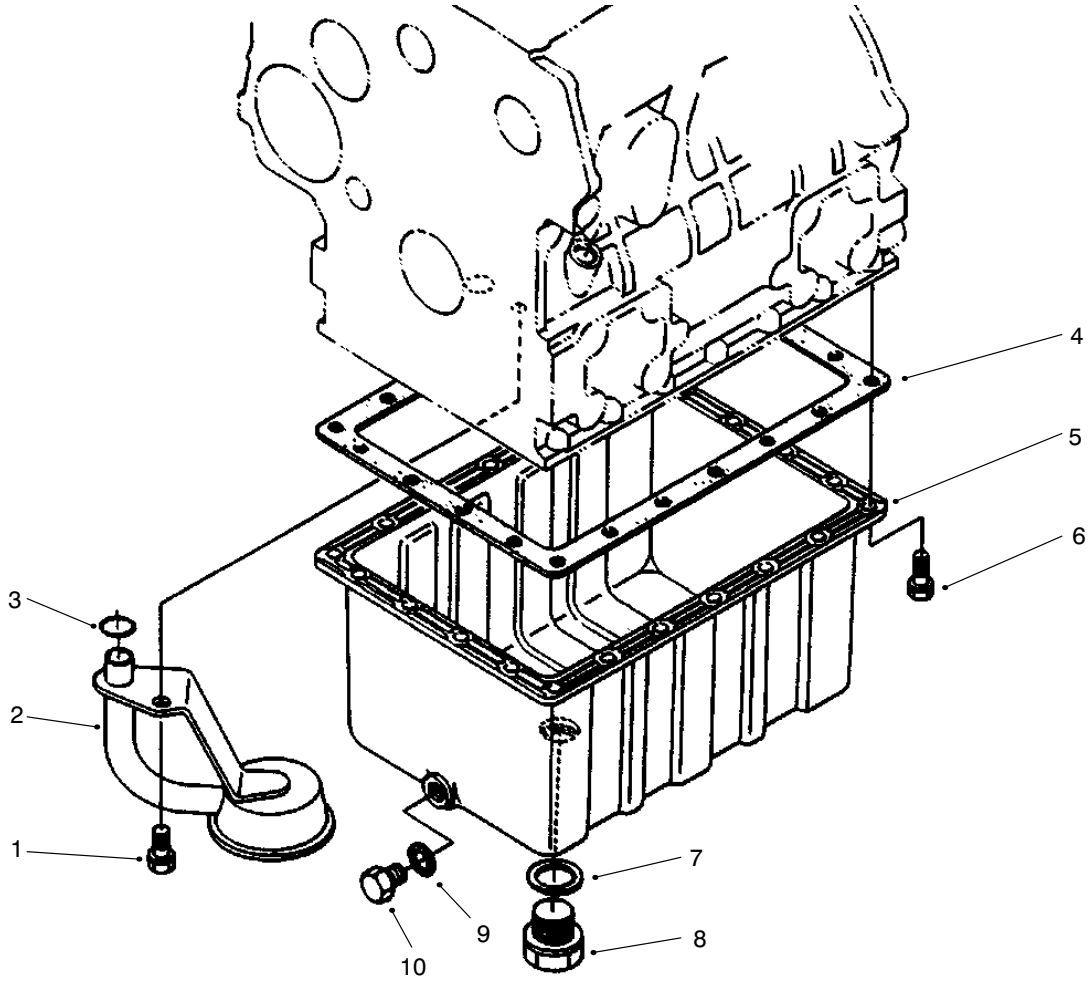
3322−528




# CRANKCASE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9656 | Bushing−Governor, Gear | 1 |
| 2 | 98−7428 | Gasket | 1 |
| 3 | 98−7507 | Plug | 1 |
| 4 | 98−9599 | Plug | 1 |
| 5 | 98−9375 | Pin−Straight | 2 |
| 6 | 98−9376 | Pin−Straight | 2 |
| 7 | 98−9630 | Pin−Start Spring | 1 |
| 8 | 98−9398 | Cap−Sealing | 4 |
| 9 | 98−7509 | O−Ring | 1 |
| 10 | 98−9539 | Pin−Pipe | 1 |
| 11 | 98−9377 | Pin−Straight | 2 |
| 12 | 98−7539 | Cap−Sealing | 1 |
| 13 | 98−9668 | Plug | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 98−9597 | Plug | 3 |
| 15 | 98−7540 | Plug | 3 |
| 16 | 98−9667 | Plug | 1 |
| 17 | 98−9436 | Asm−Cock, Drain | 1 |
| 18 | 98−7487 | Plug | 2 |
| 19 | 98−9604 | Asm−Crankcase (Incl. Ref. #1−8, 10−16, 18 & 20−22) | 1 |
| 20 | 98−9379 | Plug | 3 |
| 21 | 98−9387 | Pin−Pipe | 2 |
| 22 | 98−9675 | Plug | 1 |
| 23 | 98−9416 | Switch | 1 |

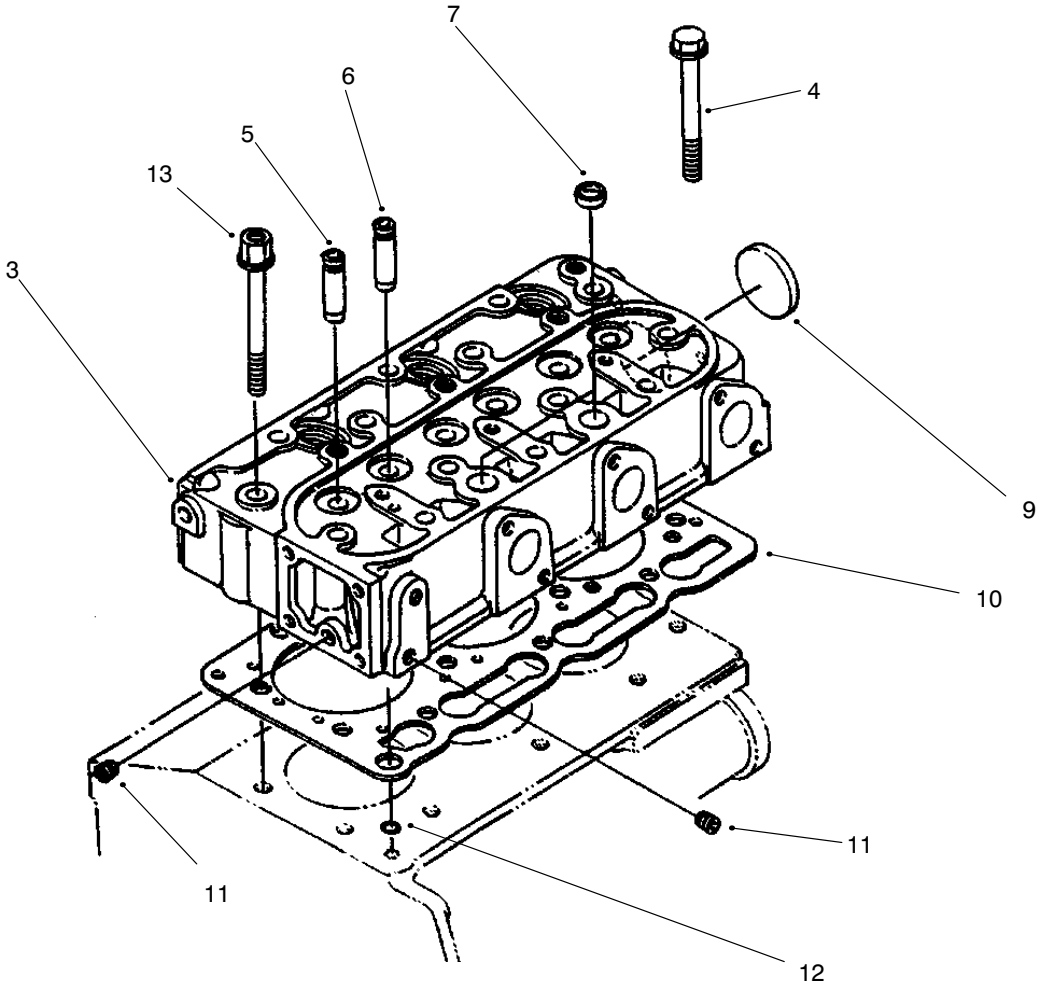



T−2907

# OIL PAN ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9358 | Bolt | 1 |
| 2 | 98−9538 | Filter−Oil | 1 |
| 3 | 98−7527 | O−Ring | 1 |
| 4 | 98−9646 | Gasket−Oil Pan | 1 |
| 5 | 98−9685 | Oil Pan | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 98−9350 | Bolt | 22 |
| 7 | 98−9399 | Gasket | 1 |
| 8 | 98−7523 | Plug−Drain | 1 |
| 9 | 98−7524 | Gasket | 1 |
| 10 | 98−9386 | Plug | 1 |

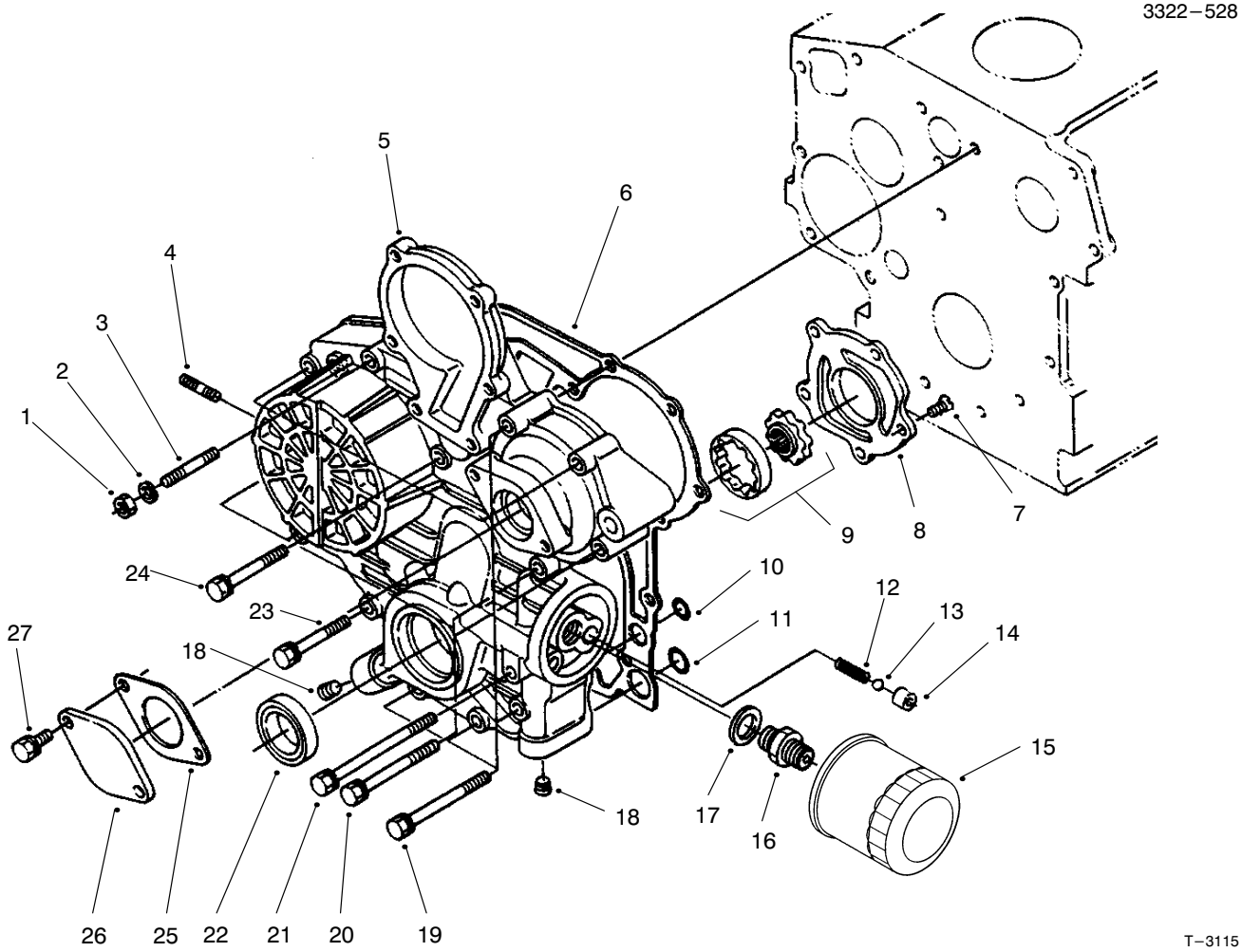



T−2908−1

# CYLINDER HEAD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 98−9460 | Asm−Cylinder Head (Incl. Ref. #5−7, 9 &11) | 1 |
| 4 | 98−9479 | Bolt−Cylinder Head | 12 |
| 5 | 98−9499 | Guide−Inlet Valve | 3 |
| 6 | 98−9500 | Guide−Exhaust Valve | 3 |
| 7 | 98−9389 | Cap−Sealing | 2 |

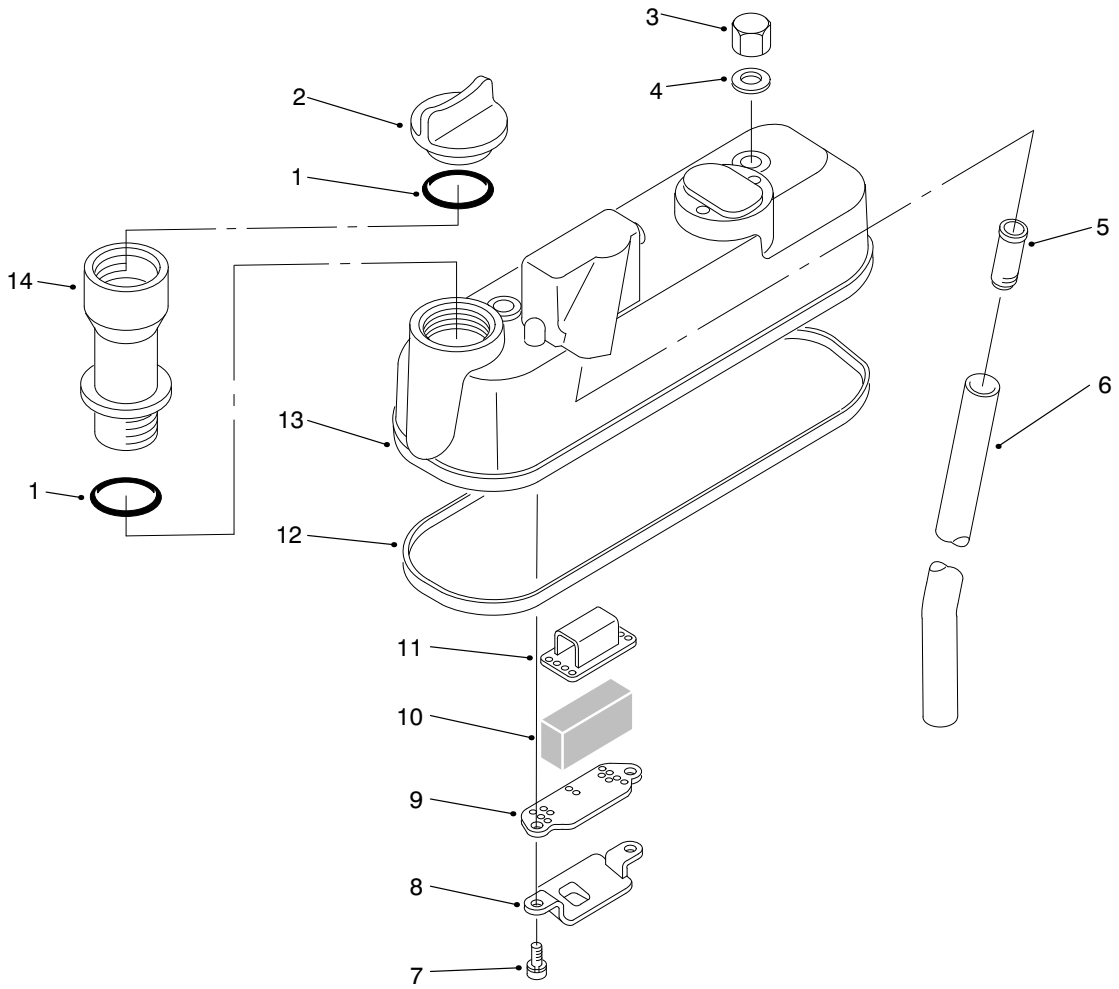
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98−9395 | Cap−Sealing | 1 |
| 10 | 98−9613 | Gasket−Cylinder Head | 1 |
| 11 | 98−7540 | Plug | 2 |
| 12 | 98−7509 | O−Ring | 1 |
| 13 | 98−9647 | Bolt−Cylinder Head | 2 |




# GEAR CASE & OIL FILTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–7572 | Nut | 1 |
| 2 | 98–9367 | Washer–Lock | 1 |
| 3 | 98–9363 | Stud | 1 |
| 4 | 98–9362 | Stud | 2 |
| 5 | 98–9481 | Asm–Case, Gear (Incl. Ref. #7–9, 12–14 & 16–18) | 1 |
| 6 | 98–9633 | Gasket–Gear Case | 1 |
| 7 | 98–9592 | Screw | 5 |
| 8 | 98–9541 | Cover–Oil Pump | 1 |
| 9 | 98–9540 | Asm–Rotor, Oil Pump | 1 |
| 10 | 98–9372 | O–Ring | 2 |
| 11 | 98–7547 | O–Ring | 2 |
| 12 | 98–9544 | Spring | 1 |
| 13 | 98–9380 | Ball | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 98–9543 | Seal–Valve | 1 |
| 15 | 99–8384 | Asm–Cartridge, Oil | 1 |
| 16 | 98–9388 | Joint–Pipe | 1 |
| 17 | 98–7562 | Washer–Flat | 1 |
| 18 | 98–9598 | Plug | 2 |
| 19 | 98–9356 | Bolt | 2 |
| 20 | 98–9355 | Bolt | 6 |
| 21 | 98–9586 | Bolt | 1 |
| 22 | 98–9482 | Seal–Oil | 1 |
| 23 | 98–9437 | Bolt | 1 |
| 24 | 98–7496 | Bolt | 3 |
| 25 | 98–9684 | Gasket–Gear Case | 1 |
| 26 | 98–9641 | Cover | 1 |
| 27 | 98–7692 | Bolt | 2 |

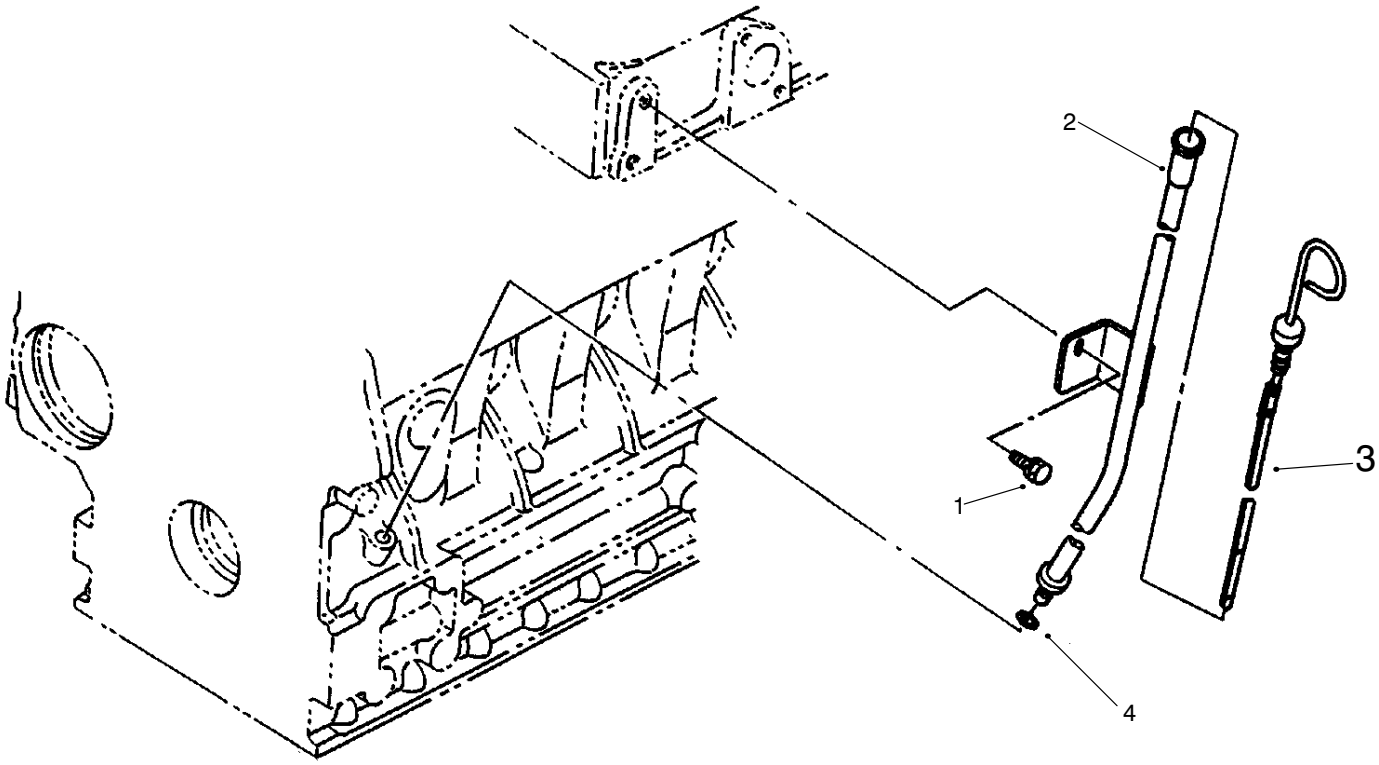



T−2910−1

# HEAD COVER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−7430 | O−Ring | 2 |
| 2 | 98−9449 | Plug−Oil Filler | 1 |
| 3 | 98−9455 | Nut−Cap | 3 |
| 4 | 98−9454 | Gasket | 3 |
| 5 | 98−9492 | Joint−Breather Pipe | 1 |
| 6 | 98−9491 | Pipe−Breather | 1 |
| 7 | 98−9364 | Screw w/washer | 2 |
| 8 | 98−9490 | Oil Shield−Breather | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98−9488 | Plate−Breather Element | 1 |
| 10 | 98−9493 | Element−Breather | 1 |
| 11 | 98−9489 | Plate−Breather Element | 1 |
| 12 | 98−9615 | Gasket−Head Cover | 1 |
| 13 | 98−9614 | Asm−Cover, Cylinder Head (Incl. Ref. #5 & 7−12) | 1 |
| 14 | 99−8349 | Extension−Fill, Oil | 1 |



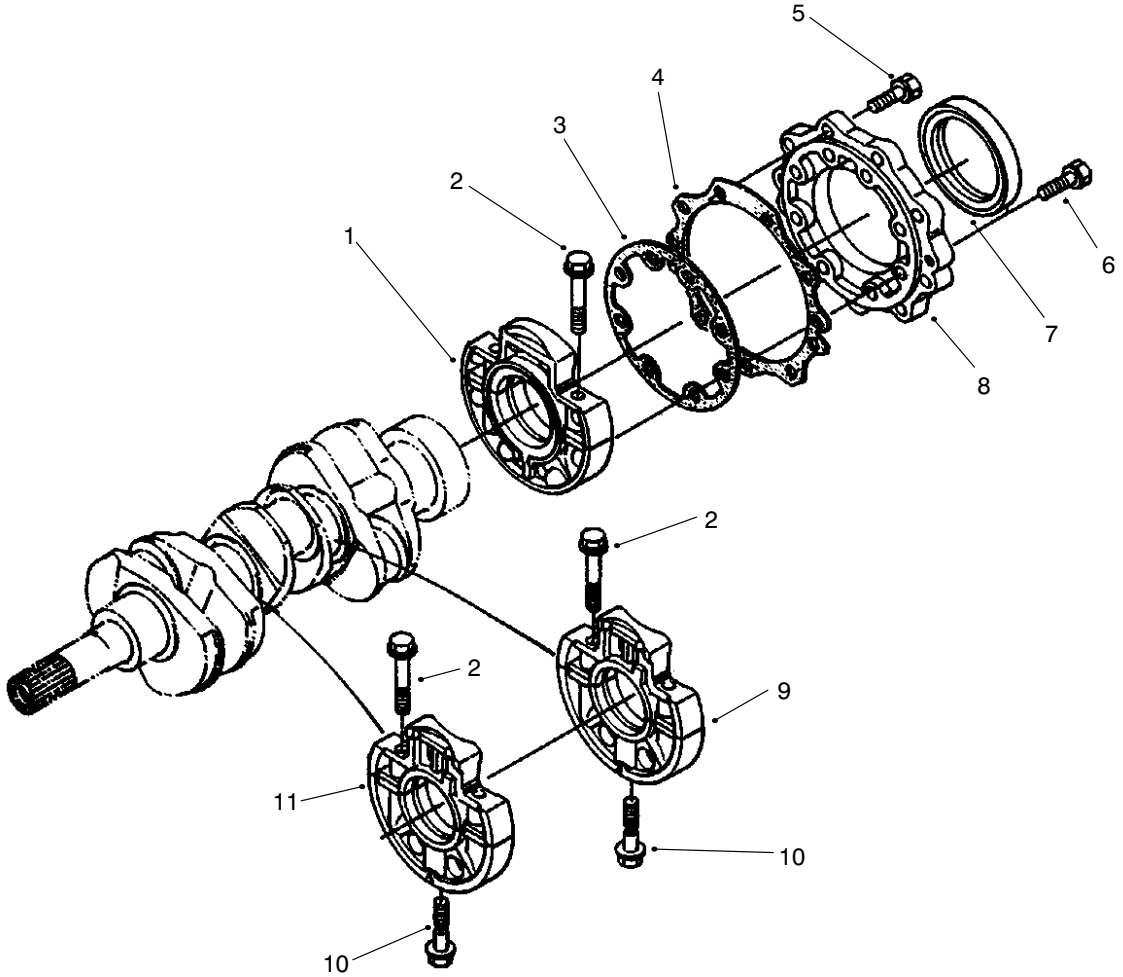

T−2911

# DIPSTICK & GUIDE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−7585 | Bolt | 1 |
| 2 | 98−9671 | Guide−Oil Gauge | 1 |
| 3 | 98−9670 | Gauge−Oil | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 98−9374 | O−Ring | 1 |
| * | 98−9672 | Asm−Guide, Oil Gauge (Incl. Ref. #1, 2 & 4) | 1 |

*Not Illustrated

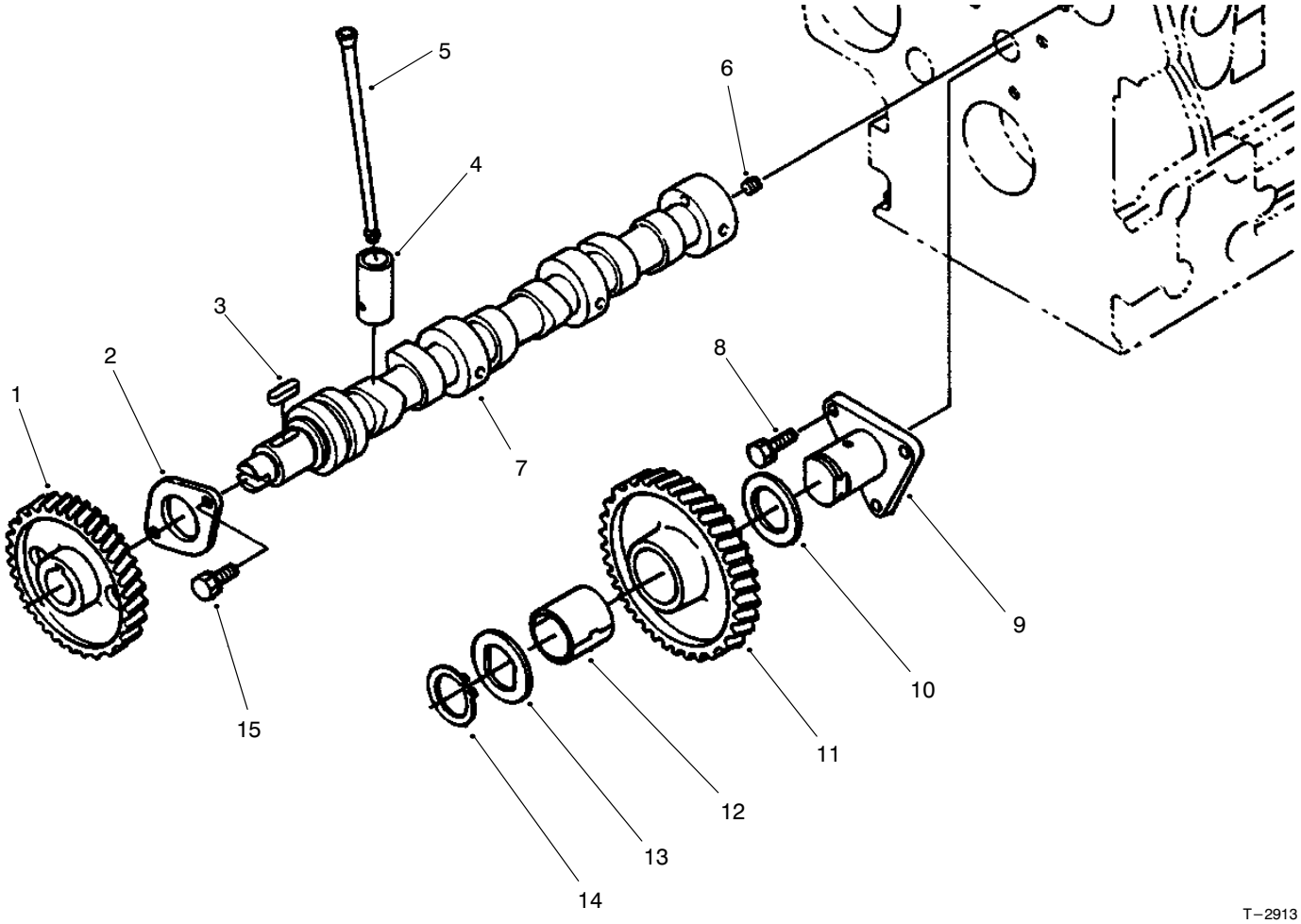



T−2912

# MAIN BEARING CASE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 99−8345 | Asm−Case, Main Bearing | 1 |
| 2 | 98−9484 | Bolt−Bearing Case | 6 |
| 3 | 98−9634 | Gasket−Bearing Case | 1 |
| 4 | 98−9635 | Gasket−Bearing Case Cover | 1 |
| 5 | 98−7568 | Bolt | 9 |
| 6 | 98−9352 | Bolt | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 98−9483 | Seal−Oil | 1 |
| 8 | 98−9487 | Cover−Bearing Case | 1 |
| 9 | 98−9607 | Asm−Case, Main Bearing1 | |
| 10 | 98−9485 | Bolt−Bearing Case | 2 |
| 11 | 98−9606 | Asm−Case, Main Bearing | 1 |

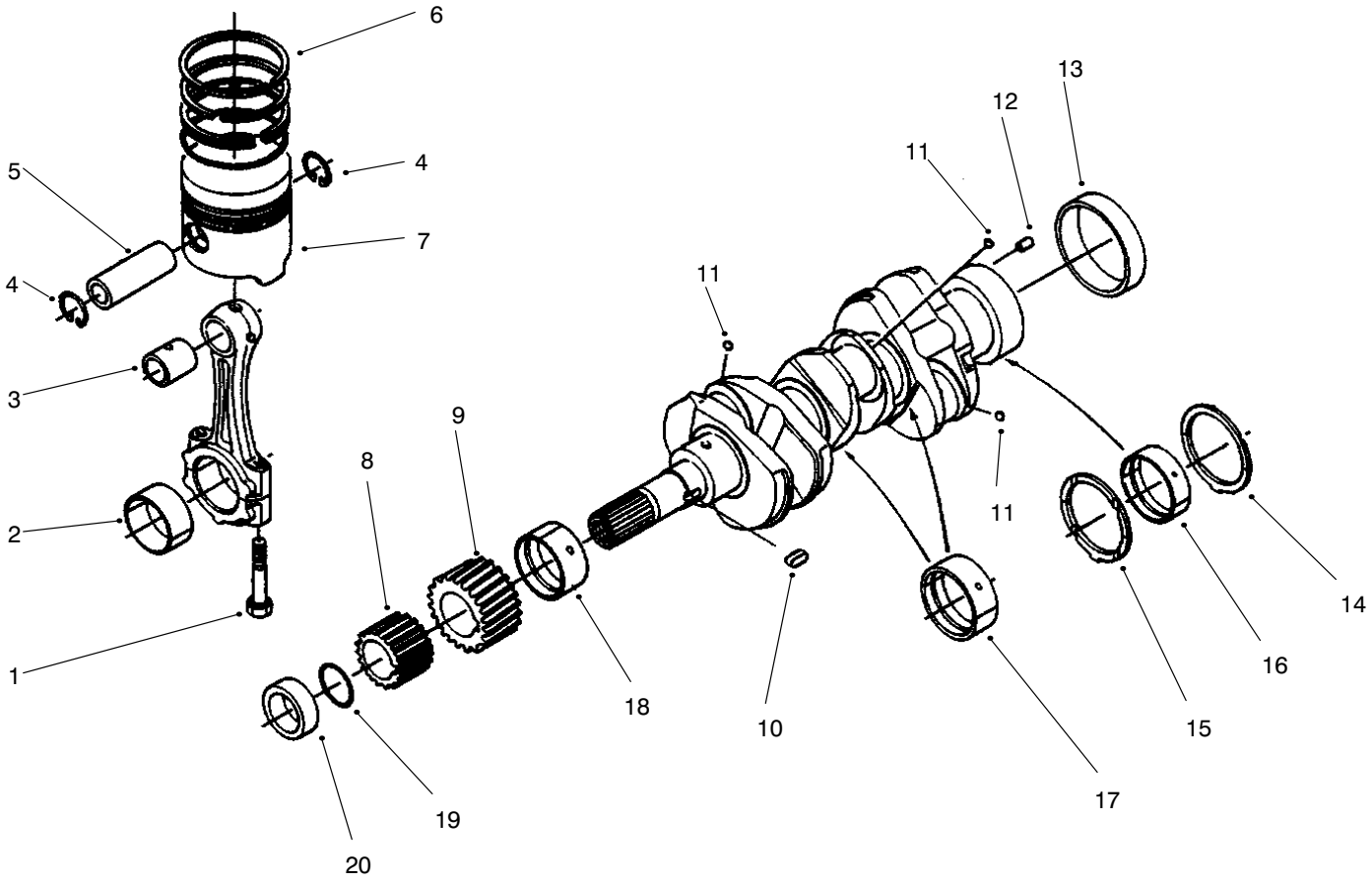



# CAMSHAFT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9512 | Gear−Cam | 1 |
| 2 | 98−9510 | Stopper−Camshaft | 1 |
| 3 | 98−9378 | Key−Feather | 1 |
| 4 | 98−9616 | Tappet | 6 |
| 5 | 98−9509 | Push Rod | 6 |
| 6 | 98−7449 | Screw−Set | 1 |
| 7 | 98−9617 | Asm−Camshaft (Incl. Ref. #1−3, 6 & 15) | 1 |
| 8 | 98−7692 | Bolt | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98−9533 | Shaft−Gear, Idle | 1 |
| 10 | 98−9535 | Collar−Gear, Idle | 1 |
| 11 | 98−9649 | Asm−Gear, Idle (Incl. Ref. #12) | 1 |
| 12 | 98−9650 | Bushing−Gear, Idle | 1 |
| 13 | 98−9536 | Collar−Gear, Idle | 1 |
| 14 | 98−9534 | Clip−Circular, Idle Gear | 1 |
| 15 | 98−9351 | Bolt | 2 |

3322−528

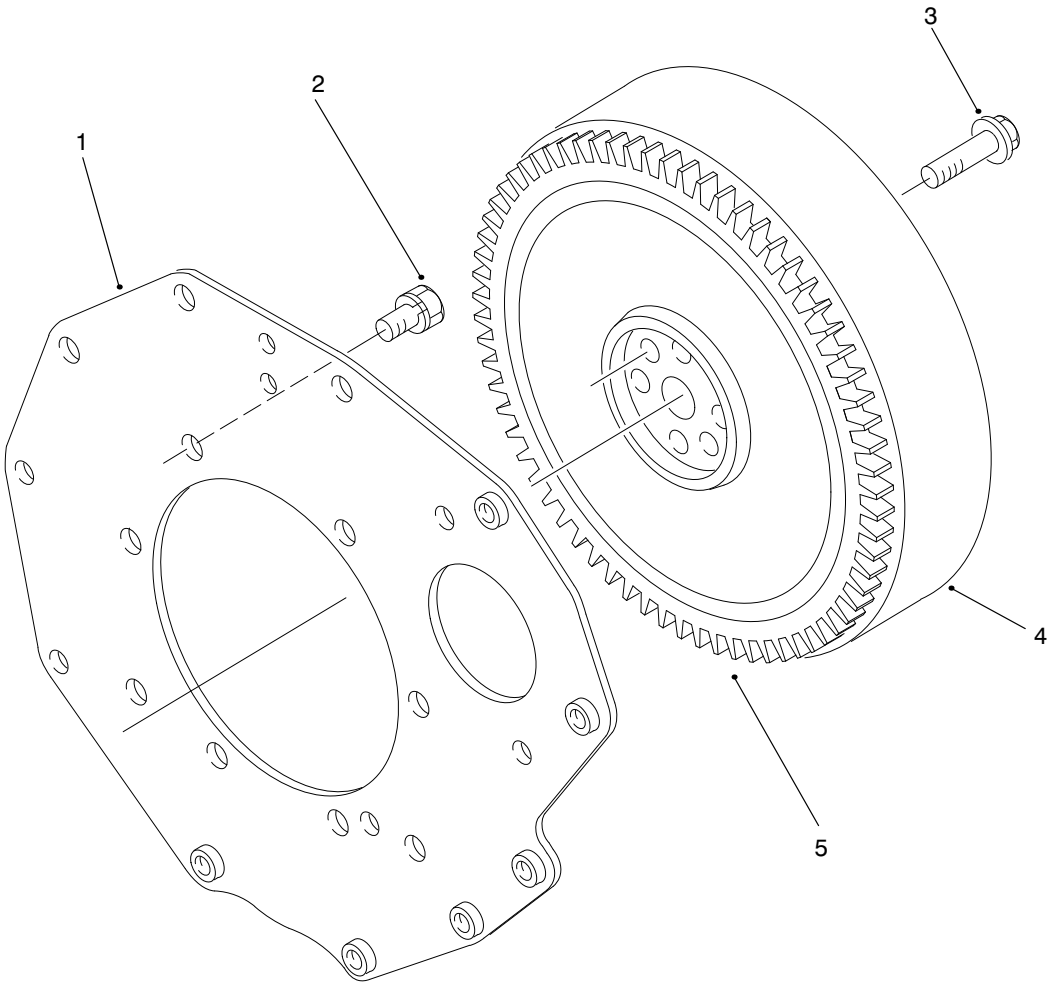



T−2914

# PISTON & CRANKSHAFT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9517 | Bolt−Connecting Rod | 6 |
| 2 | 98−9553 | Metal−Crankpin (Std.) | 3 |
| 2 | 98−9519 | Metal−Crankpin (0.2mm Undersize) | 3 |
| 2 | 98−9520 | Metal−Crankpin (0.4mm Undersize) | 3 |
| 3 | 98−9515 | Bushing−Piston Pin | 3 |
| 4 | 98−9514 | Clip−Circular, Piston Pin | 6 |
| 5 | 98−9513 | Pin−Piston | 3 |
| 6 | 98−9618 | Asm−Piston Ring (Std.) | 3 |
| 6 | 98−9619 | Asm−Piston Ring (0.5mm Oversize) | 3 |
| 7 | 98−9469 | Piston (Std.) | 3 |
| 7 | 98−9470 | Piston (0.5mm Oversize) | 3 |
| 8 | 98−9542 | Gear−Oil Pump Drive | 1 |
| 9 | 98−9532 | Gear−Crankshaft | 1 |
| 10 | 98−9666 | Key | 1 |
| 11 | 98−7473 | Ball | 3 |
| 12 | 98−9375 | Pin−Straight | 1 |
| 13 | 98−9522 | Sleeve−Crankshaft | 1 |
| 14 | 98−9413 | Metal−Side (Std.) | 2 |
| 14 | 98−9414 | Metal−Side (0.2mm Oversize) | 2 |
| 14 | 98−9415 | Metal−Side (0.4mm Oversize) | 2 |
| 15 | 98−9688 | Metal−Side (Std.) | 2 |
| 15 | 98−9689 | Metal−Side (0.2mm Oversize) | 2 |
| 15 | 98−9690 | Metal−Side (0.4mm Oversize) | 2 |
| 16 | 98−9525 | Metal−Crankshaft (Std) | 1 |
| 16 | 98−9526 | Metal−Crankshaft (0.2mm Undersize) | 1 |
| 16 | 98−9527 | Metal−Crankshaft (0.4mm Undersize) | 1 |
| 17 | 98−9524 | Metal−Crankshaft (Std Set) | 2 |
| 17 | 98−9530 | Metal−Crankshaft (0.2mm Undersize Set) | 2 |
| 17 | 98−9531 | Metal−Crankshaft (0.4mm Undersize Set) | 2 |
| 18 | 98−9523 | Metal−Crankshaft (Std) | 1 |
| 18 | 98−9528 | Metal−Crankshaft (0.2mm Undersize) | 1 |
| 18 | 98−9529 | Metal−Crankshaft (0.4mm Undersize) | 1 |
| 19 | 98−9373 | O−Ring | 1 |
| 20 | 98−9521 | Collar−Crankshaft | 1 |
| * | 98−9516 | Asm−Rod, Connecting (Incl. Ref. #1−3) | 3 |
| * | 98−9642 | Asm−Crankshaft (Incl. Ref. #8−13) | 1 |

*Not Illustrated

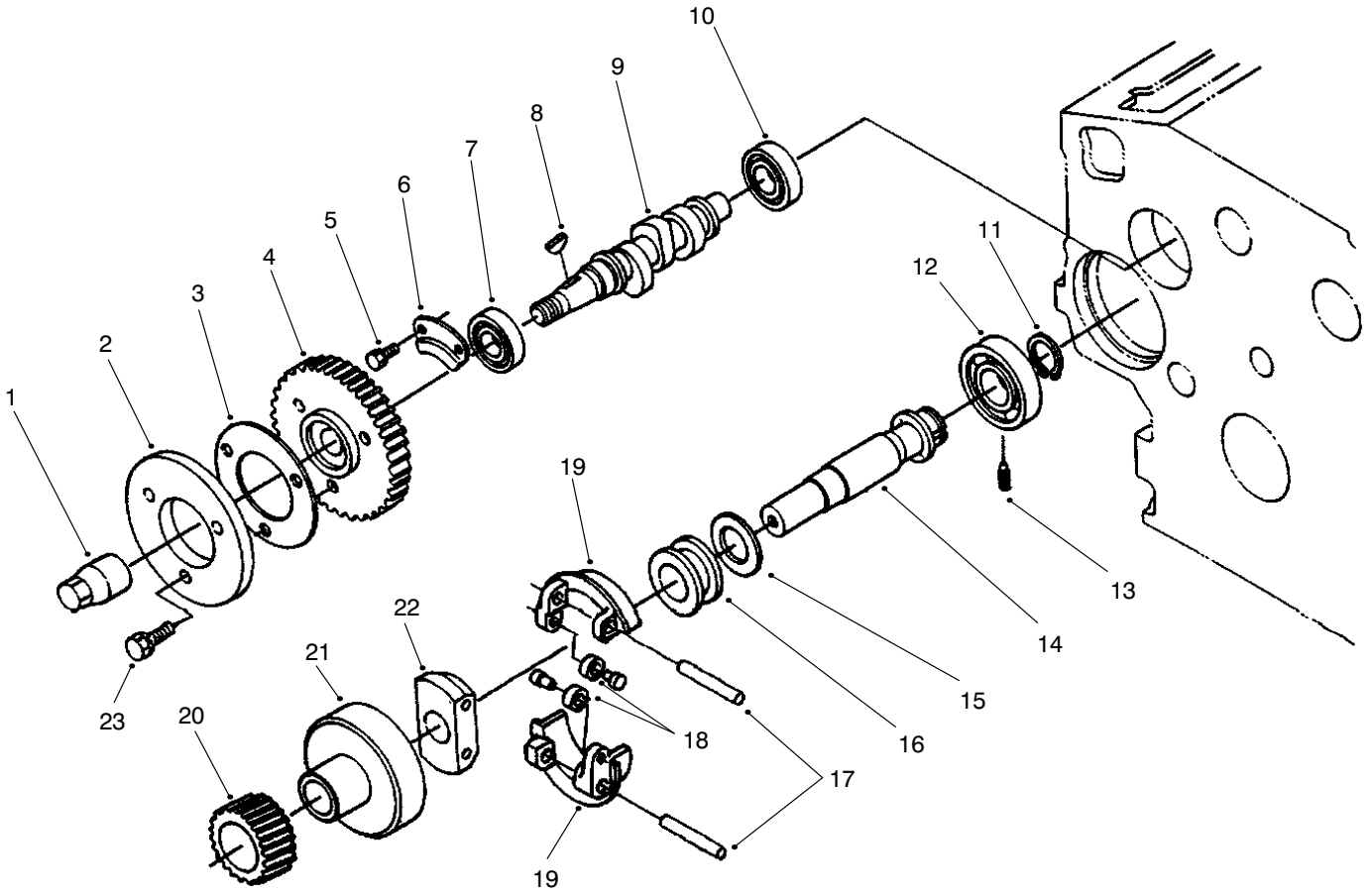



T–2915

# FLYWHEEL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9486 | Plate–End, Rear | 1 |
| 2 | 98–9392 | Bolt | 8 |
| 3 | 98–9537 | Bolt–Flywheel | 6 |
| 4 | 98–9691 | Asm–Flywheel (Incl. Ref. #5) | 1 |
| 5 | 98–9394 | Gear–Ring | 1 |

*Not Illustrated

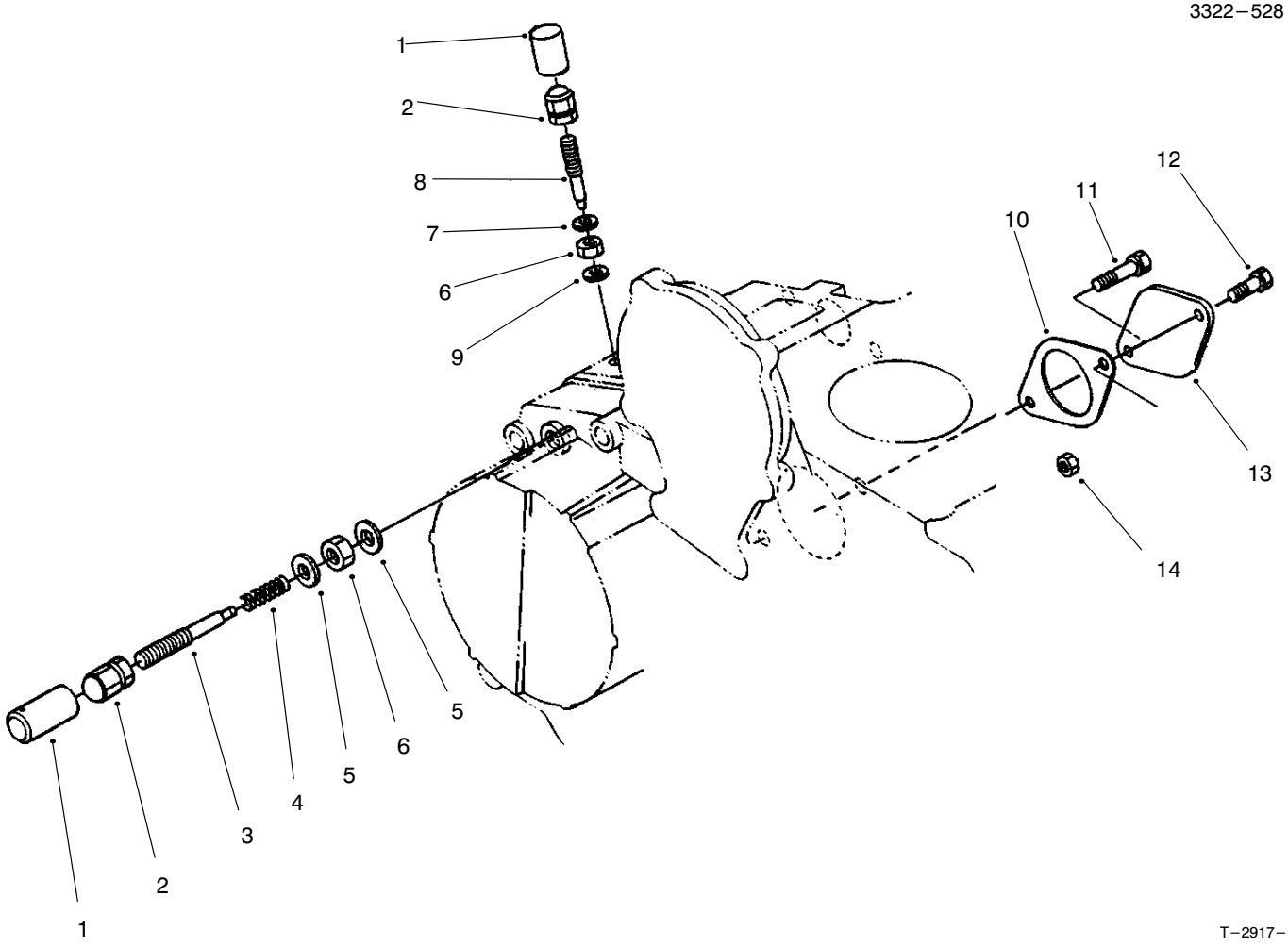



T−2916

# FUEL CAMSHAFT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9590 | Nut−Cap | 1 |
| 2 | 98−9547 | Cam−Fuel | 1 |
| 3 | 98−9548 | Washer | 1 |
| 4 | 98−9669 | Gear−Injection Pump | 1 |
| 5 | 98−9350 | Bolt | 2 |
| 6 | 98−9511 | Stopper−Fuel, Camshaft | 1 |
| 7 | 98−9383 | Bearing−Ball | 1 |
| 8 | 98−9595 | Key−Woodruff | 1 |
| 9 | 98−9459 | Camshaft−Fuel | 1 |
| 10 | 98−9382 | Bearing−Ball | 1 |
| 11 | 98−9657 | Clip−Circular, Gov. Shaft | 1 |
| 12 | 98−9381 | Bearing−Ball | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 13 | 98−9565 | Screw−Set | 1 |
| 14 | 98−9644 | Asm−Shaft, Governor (Incl. Ref. #12 & 14−22) | 1 |
| 15 | 98−9564 | Washer−Thrust | 1 |
| 16 | 98−9563 | Sleeve−Governor | 1 |
| 17 | 98−9560 | Shaft−Governor Weight | 2 |
| 18 | 98−9692 | Roller | 2 |
| 19 | 98−9559 | Asm−Weight, Governor | 2 |
| 20 | 98−9673 | Gear−Governor | 1 |
| 21 | 98−9562 | Holder−Gear, Governor | 1 |
| 22 | 98−9561 | Holder−Gear, Governor | 1 |
| 23 | 98−7605 | Bolt | 3 |



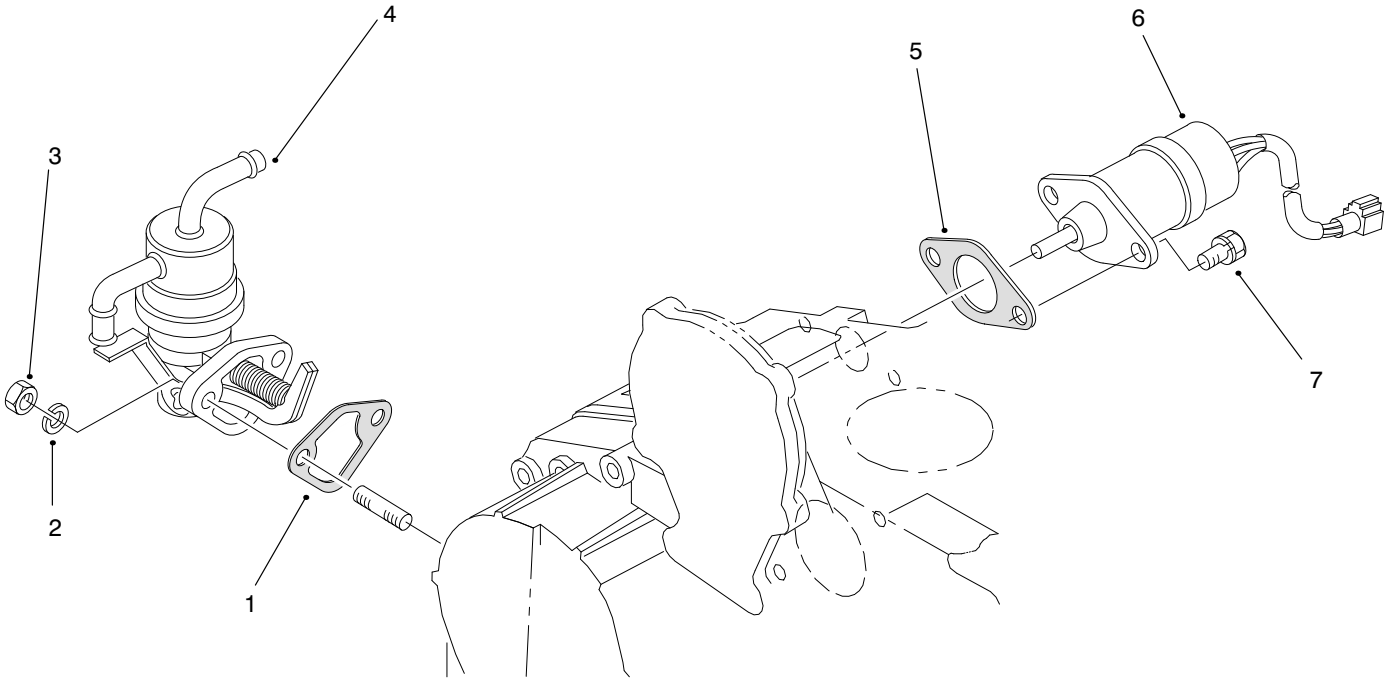

T−2917−1

# ENGINE STOP LEVER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 99−8390 | Lock Pipe, Fuel Adjust. | 2 |
| 2 | 99−8382 | Nut−Cap | 2 |
| 3 | 98−9679 | Asm−Bolt, Adjusting (Incl. Ref. #4) | 1 |
| 4 | | Spring | 1 |
| 5 | 98−7654 | Gasket | 2 |
| 6 | 99−8386 | Nut | 2 |
| 7 | 99−8388 | Gasket, 10mm Dia. | 2 |
| 8 | 98−9557 | Bolt−Adjusting | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 99−8389 | Gasket, 14mm Dia. | 1 |
| 10 | 98−9674 | Packing | 1 |
| 11 | 98−7645 | Bolt | 1 |
| 12 | 98−9359 | Bolt | 1 |
| 13 | 98−9640 | Cover−Pump | 1 |
| 14 | 98−7534 | Nut | 1 |
| * | 98−9678 | Asm−Apparatus, Idle (Incl. Ref. #1−6) | 1 |

*Not Illustrated



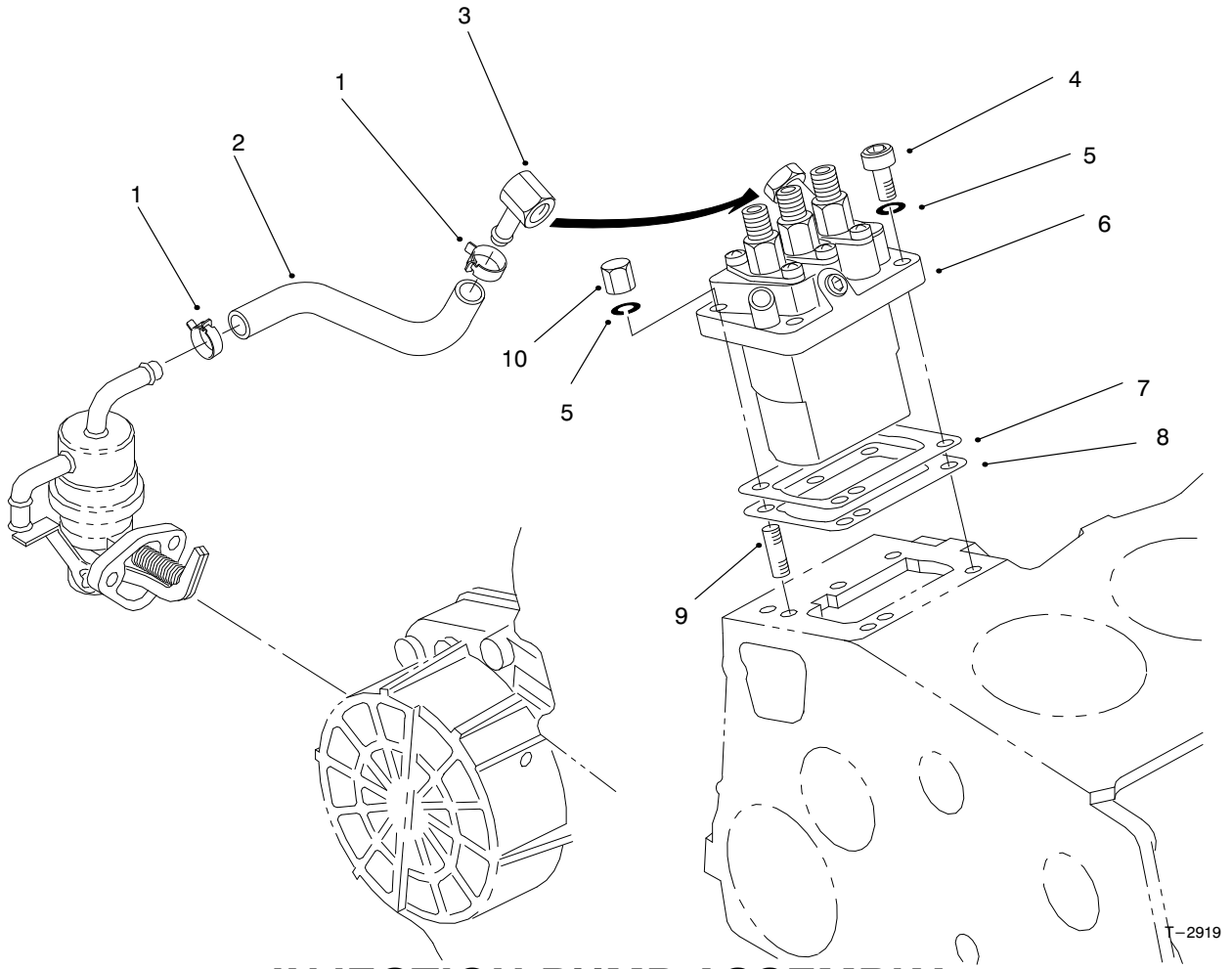

T−2918

# STOP SOLENOID & FUEL PUMP ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9436 | Gasket−Fuel Pump | 1 |
| 2 | 98−9367 | Washer−Lock | 2 |
| 3 | 98−7572 | Nut | 2 |
| 4 | 98−9677 | Asm−Pump, Fuel | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 5 | 98−9683 | Gasket−Solenoid Cover | 1 |
| 6 | 98−9693 | Solenoid−Stop | 1 |
| 7 | 98−9351 | Bolt | 2 |

*Not Illustrated

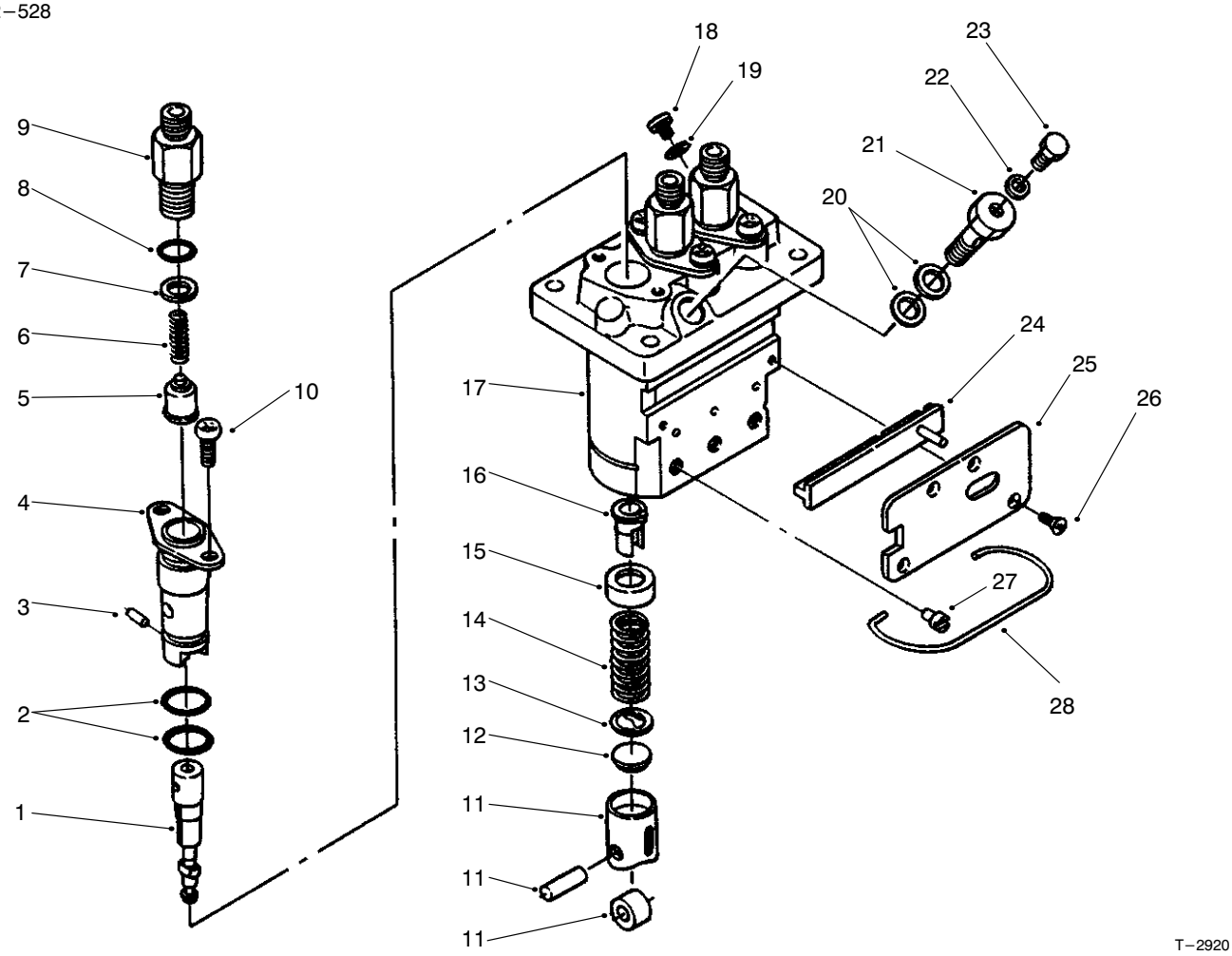



# INJECTION PUMP ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9545 | Band–Pipe | 2 |
| 2 | 98–9384 | Tube–Fuel | 1 |
| 3 | 98–9596 | Joint–Eye | 1 |
| 4 | 98–9361 | Bolt | 2 |
| 5 | 98–9367 | Washer–Lock | 4 |
| 6 | 98–9643 | Asm–Pump, Injection | 1 |
| 7 | 98–9456 | Shim–Injection (0.2mm) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 98–9457 | Shim–Injection (0.25mm) | 1 |
| 8 | 98–9458 | Shim–Injection (0.30mm) | 1 |
| 9 | 98–9438 | Stud | 2 |
| 10 | 98–9440 | Nut–Cap | 2 |
| * | 98–9467 | Asm–Pipe, Fuel (Incl. Ref. #1 & 2) | 1 |

*Not Illustrated

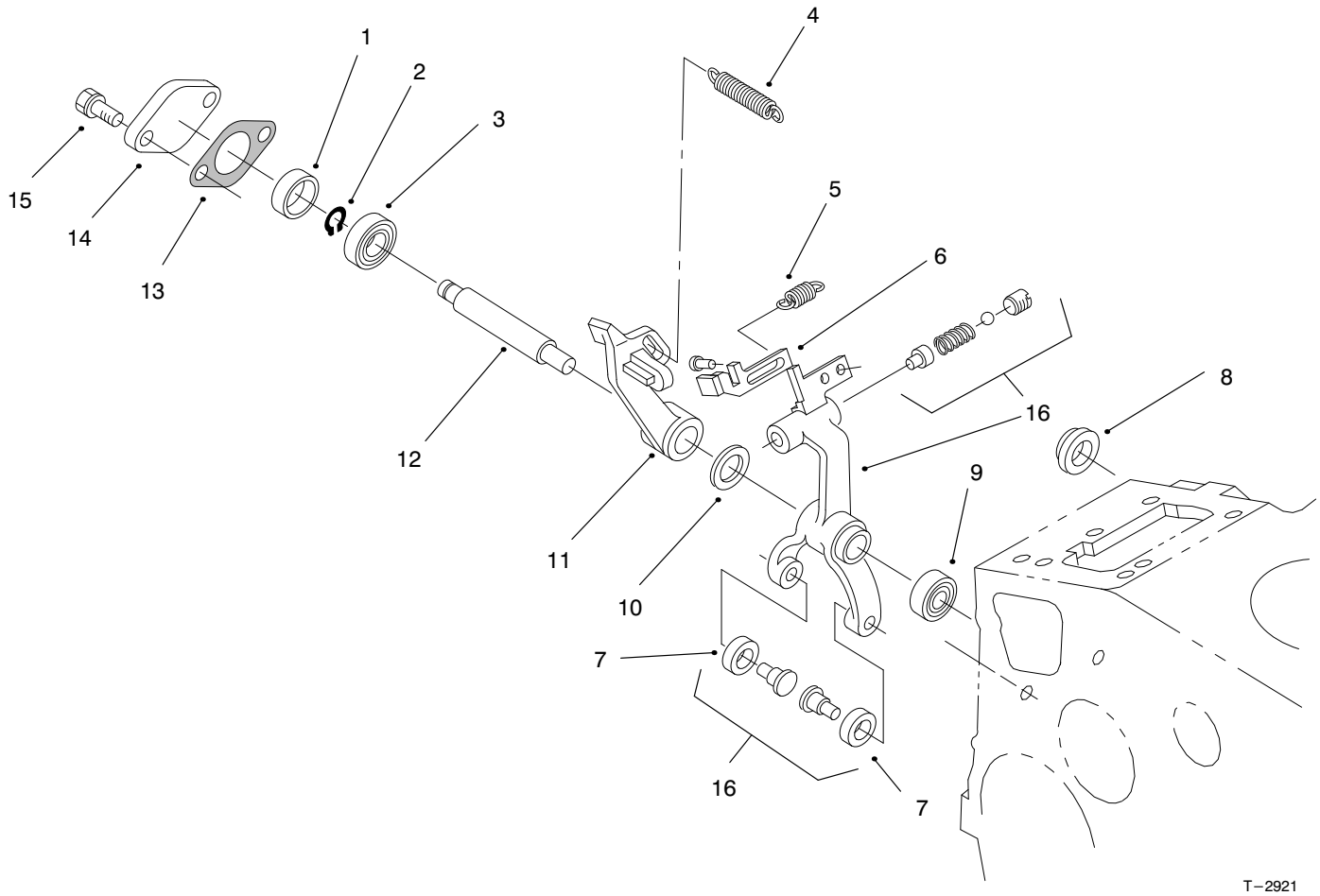



T−2920

# INJECTION PUMP ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9462 | Element−Pump | 3 |
| 2 | 98−9423 | O−Ring | 6 |
| 3 | 98−9443 | Pin−Joint | 3 |
| 4 | 98−9434 | Flange−Sleeve | 3 |
| 5 | 98−9421 | Valve−Delivery | 3 |
| 6 | 98−9424 | Spring−Valve, Delivery | 3 |
| 7 | 98−9425 | Gasket−Valve, Delivery | 3 |
| 8 | 98−9447 | O−Ring | 3 |
| 9 | 98−9652 | Holder−Valve, Delivery | 3 |
| 10 | 98−9452 | Screw | 6 |
| 11 | 98−9422 | Asm−Tappet | 3 |
| 12 | 98−9433 | Shim | 3 |
| 13 | 98−9429 | Seat−Spring, Lower | 3 |
| 14 | 98−9428 | Spring−Plunger | 3 |
| 15 | 98−9427 | Seat−Spring, Upper | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 98−9432 | Sleeve−Control | 3 |
| 17 | 98−9643 | Asm−Pump, Injection (Incl. Ref. #1−16 & 18−28) | 1 |
| 18 | 98−9466 | Plug | 1 |
| 19 | 98−9451 | Gasket | 1 |
| 20 | 98−9445 | Gasket | 2 |
| 21 | 98−9464 | Bolt−Joint | 1 |
| 22 | 98−9446 | Gasket | 1 |
| 23 | 98−9430 | Screw | 1 |
| 24 | 98−9463 | Rack−Control | 1 |
| 25 | 98−9465 | Plate | 1 |
| 26 | 98−9442 | Screw−Countersunk Hd. | 4 |
| 27 | 98−9426 | Pin−Guide, Tappet | 3 |
| 28 | 98−9450 | Pin−Clamp | 1 |

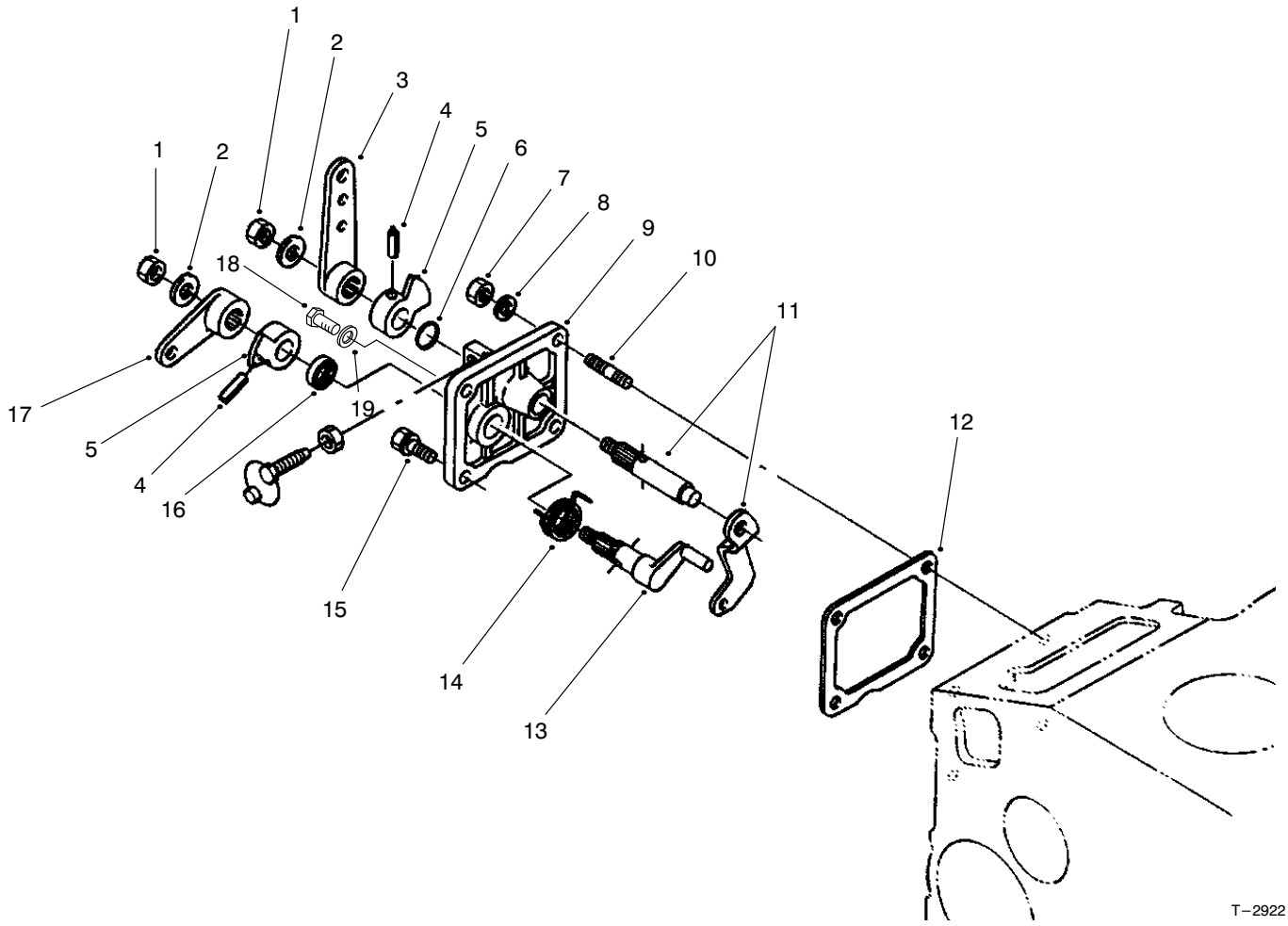



# GOVERNOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9567 | Collar | 1 |
| 2 | 98–9369 | Clip–Circular, External | 1 |
| 3 | 98–9570 | Bearing–Miniature | 1 |
| 4 | 98–9681 | Spring–Governor | 1 |
| 5 | 98–9645 | Spring–Start | 1 |
| 6 | 98–9660 | Lever–Thrust | 1 |
| 7 | 98–8692 | Roller | 2 |
| 8 | 98–9568 | Collar | 1 |
| 9 | 98–9571 | Bearing–Miniature | 1 |
| 10 | 98–9593 | Washer–Flat | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 98–9659 | Lever–Fork | 1 |
| 12 | 98–9566 | Shaft–Lever, Fork | 1 |
| 13 | 98–9682 | Gasket | 1 |
| 14 | 98–9569 | Cover–Shaft, Fork Lever | 1 |
| 15 | 98–9351 | Bolt | 2 |
| 16 | 99–8380 | Complete Lever & Fork (Incl. Ref. #6 & 7) | 1 |
| * | 98–9680 | Asm–Lever, Fork (Incl. Ref. #2, 3 & 10–12 & 16) | 1 |

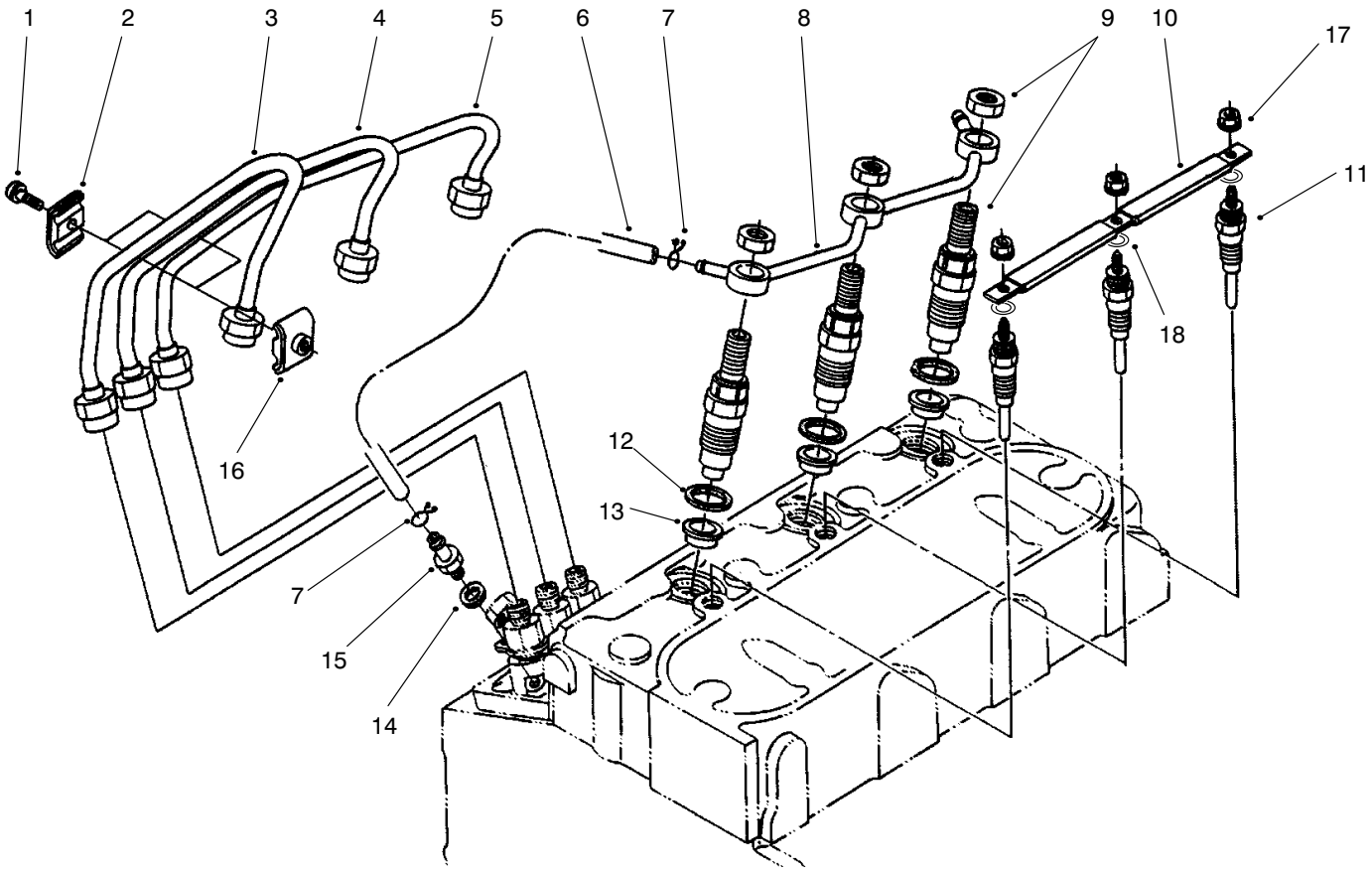
*Not Illustrated




# SPEED CONTROL PLATE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9589 | Nut | 2 |
| 2 | 98−9594 | Washer−Flat | 2 |
| 3 | 98−9662 | Lever−Speed Control | 1 |
| 4 | 98−7602 | Pin−Spring | 2 |
| 5 | 98−9572 | Lever−Speed Control | 2 |
| 6 | 98−9371 | O−Ring | 1 |
| 7 | 98−7572 | Nut | 2 |
| 8 | 98−9367 | Washer−Lock | 2 |
| 9 | 98−9661 | Asm−Plate, Control (Incl. Ref. #1−6, 11, 13, 14, 16, & 17) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 98−9362 | Stud | 2 |
| 11 | 98−9658 | Asm−Lever, Governor | 1 |
| 12 | 98−9637 | Gasket | 1 |
| 13 | 98−9664 | Shaft−Stop Lever | 1 |
| 14 | 98−9472 | Spring−Return | 1 |
| 15 | 98−7692 | Bolt | 1 |
| 16 | 98−7601 | Seal−Oil | 1 |
| 17 | 98−9663 | Lever−Engine Stop | 1 |
| 18 | 99−8348 | Bolt | 1 |
| 19 | 98−7654 | Gasket | 1 |



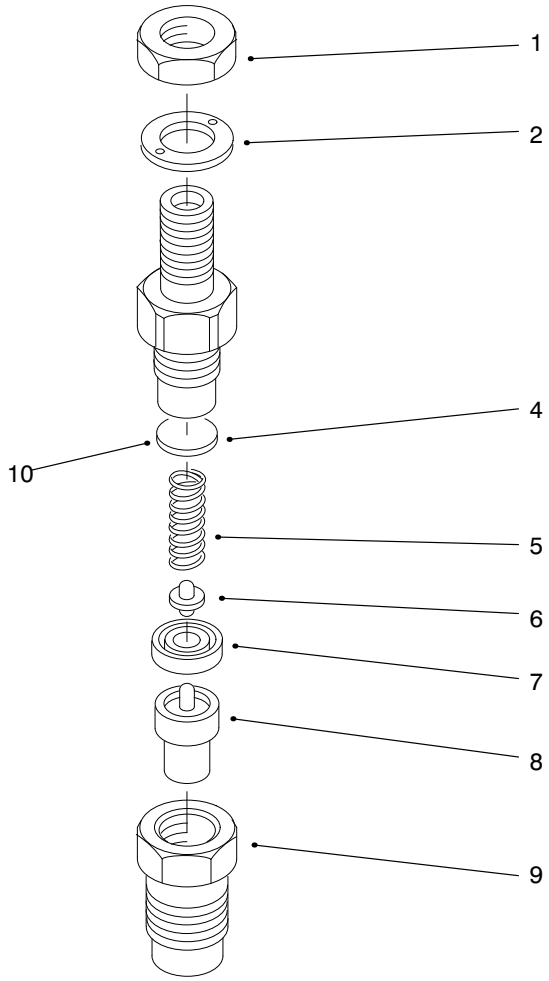

T–2923

# NOZZLE HOLDER & GLOW PLUG ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–7684 | Screw w/washer | 2 |
| 2 | 98–7683 | Clamp–Pipe | 2 |
| 3 | 98–9653 | Pipe–Injection | 1 |
| 4 | 98–9654 | Pipe–Injection | 1 |
| 5 | 98–9655 | Pipe–Injection | 1 |
| 6 | 98–9420 | Asm–Pipe, Overflow (Incl. Ref. #7) | 1 |
| 7 | 98–7671 | Clip–Pipe | 2 |
| 8 | 98–9620 | Asm–Pipe, Overflow | 1 |
| 9 | 98–9468 | Asm–Holder, Nozzle | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 98–9631 | Cord–Glow Plug | 1 |
| 11 | 98–9695 | Plug–Glow | 3 |
| 12 | 98–7676 | Gasket | 3 |
| 13 | 98–7677 | Seat–Heat | 3 |
| 14 | 98–7654 | Gasket | 1 |
| 15 | 98–9431 | Screw–Air Bleed | 1 |
| 16 | 98–7682 | Clamp–Pipe | 2 |
| 17 | 99–8377 | Nut–Flange | 3 |
| 18 | 99–8378 | Washer–Plain | 3 |

*Not Illustrated



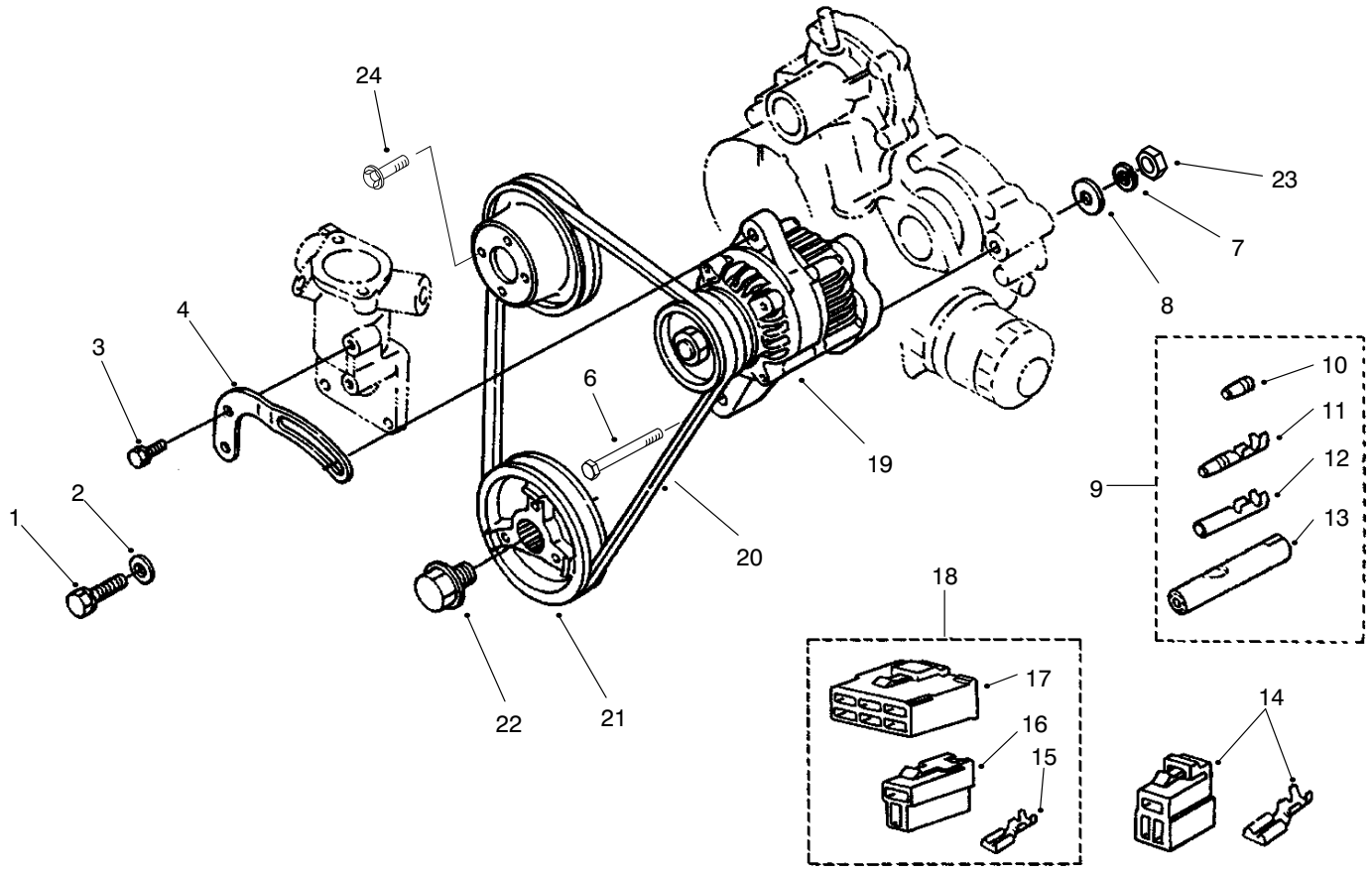

T−2924

# NOZZLE HOLDER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 99−8301 | Nut | 3 |
| 2 | 99−8307 | Washer | 3 |
| 4 | 99−8302 | Washer−Adjusting | 3 |
| 5 | 99−8303 | Spring−Nozzle | 3 |
| 6 | 99−8305 | Push Rod | 3 |
| 7 | 99−8304 | Piece−Distance | 3 |
| 8 | 99−8308 | Piece−Nozzle | 3 |
| 9 | 99−8306 | Nut−Nozzle | 3 |
| 10 | 99−8309 | Asm−Washer, Adjusting | 3 |
| * | 99−8310 | Washer−Adj. (0.10mm) | 3 |
| * | 99−8311 | Washer−Adj. (0.20mm) | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 99−8312 | Washer−Adj. (0.30mm) | 3 |
| * | 99−8313 | Washer−Adj. (0.40mm) | 3 |
| * | 99−8314 | Washer−Adj. (0.50mm) | 3 |
| * | 99−8315 | Washer−Adj. (0.52mm) | 3 |
| * | 99−8316 | Washer−Adj. (0.54mm) | 3 |
| * | 99−8317 | Washer−Adj. (0.56mm) | 3 |
| * | 99−8318 | Washer−Adj. (0.58mm) | 3 |
| * | 99−8319 | Washer−Adj. (0.80mm) | 3 |
| * | 98−9468 | Asm−Holder, Nozzle (Incl. Ref. #1−9) | 3 |

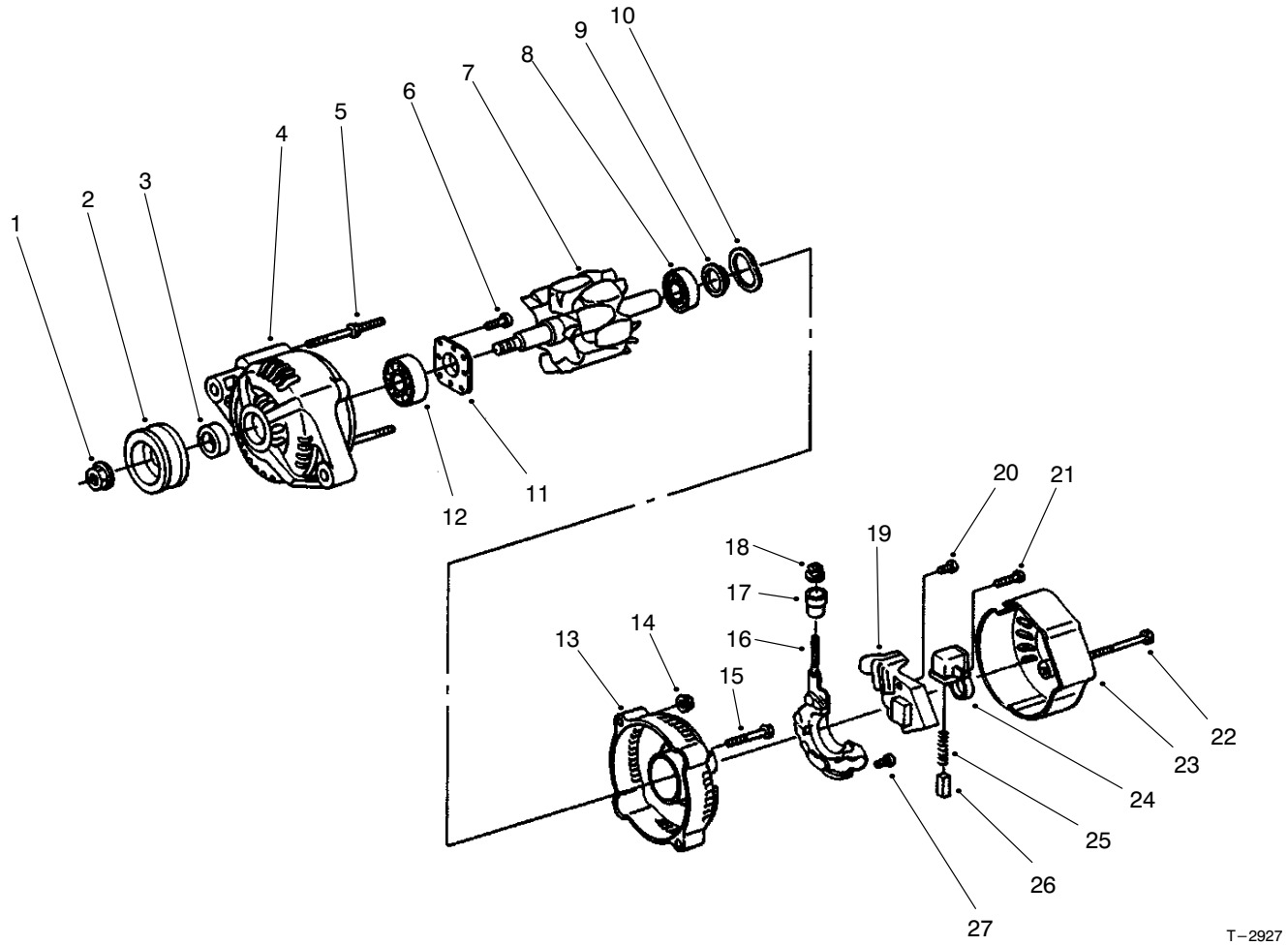
*Not Illustrated




T–2926–1

# ALTERNATOR & PULLEY ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–7697 | Bolt | 1 |
| 2 | 98–7698 | Washer–Flat | 1 |
| 3 | 98–7692 | Bolt | 1 |
| 4 | 98–9573 | Stay–Dynamo | 1 |
| 5 | 98–9584 | Pulley–Fan | 1 |
| 6 | 98–9360 | Bolt | 1 |
| 7 | 98–9368 | Washer–Lock | 1 |
| 8 | 98–9366 | Washer–Flat | 1 |
| 9 | 98–9700 | Asm–Terminal (Incl. Ref. #10–13) | 1 |
| 10 | 98–9701 | Terminal | 1 |
| 11 | 98–9702 | Sleeve | 1 |
| 12 | 98–9703 | Terminal | 1 |
| 13 | 98–9704 | Sleeve | 1 |
| 14 | 98–9602 | Asm–Coupler, Lock | 1 |
| 15 | 98–9699 | Terminal | 7 |
| 16 | 98–9698 | Connector | 1 |
| 17 | 98–9697 | Connector | 1 |
| 18 | 98–9696 | Asm–Coupler (Incl. Ref. #15–17) | 1 |
| 19 | 98–9474 | Asm–Alternator | 1 |
| 20 | 98–9676 | V–Belt | 1 |
| 21 | 98–9473 | Pulley–Fan Drive | 1 |
| 22 | 98–9585 | Bolt | 1 |
| 23 | 98–7737 | Nut | 1 |
| 24 | 99–8363 | Bolt–Flange | 4 |

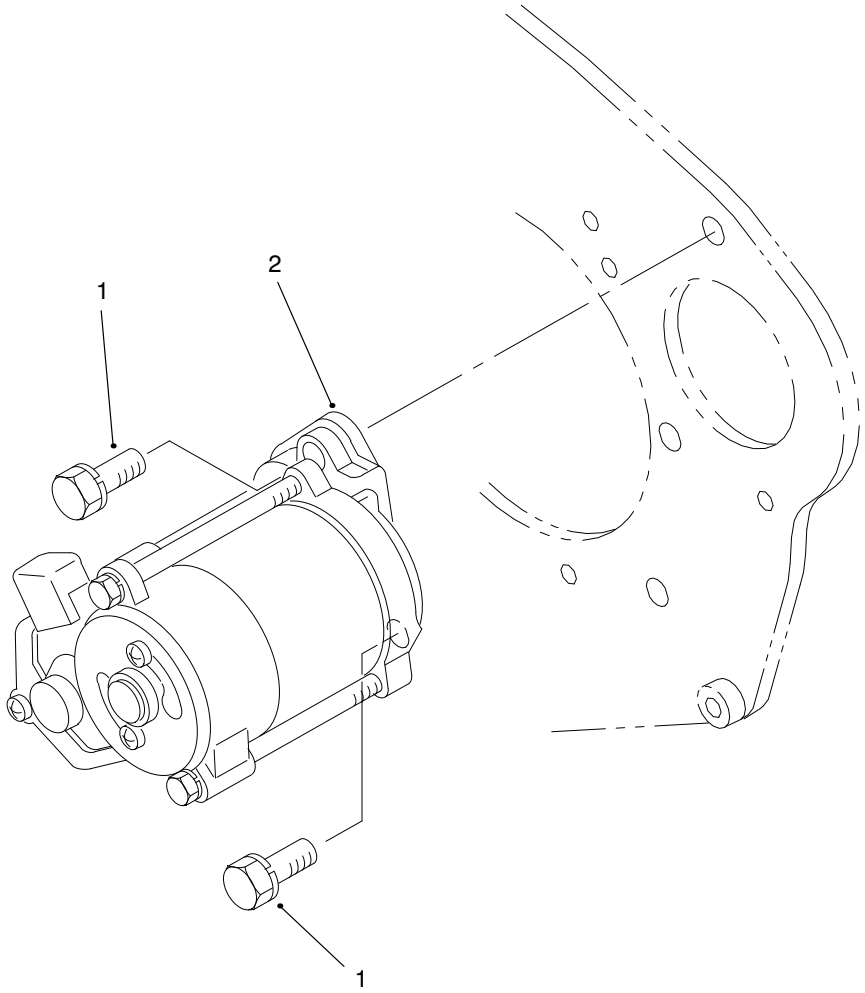



# ALTERNATOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−7708 | Nut | 1 |
| 2 | 98−9453 | Pulley−Dynamo | 1 |
| 3 | 98−7709 | Collar | 1 |
| 4 | 98−7714 | Frame−Drive End | 1 |
| 5 | 98−7717 | Bolt−Through | 2 |
| 6 | 98−7716 | Screw−RH | 4 |
| 7 | 98−7710 | Rotor | 1 |
| 8 | 98−7712 | Bearing−Ball | 1 |
| 9 | 98−7711 | Cover−Bearing | 1 |
| 10 | 98−7713 | Washer−Thrust | 1 |
| 11 | 98−7715 | Plate−Retainer | 1 |
| 12 | 98−7718 | Bearing−Ball | 1 |
| 13 | 98−7719 | Frame−End | 1 |
| 14 | 98−7730 | Nut | 2 |
| 15 | 98−7731 | Bolt | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 98−7721 | Asm−Rectifier | 1 |
| 17 | 98−7722 | Bushing−Insulation | 1 |
| 18 | 98−7732 | Nut | 1 |
| 19 | 98−7733 | Asm−Regulator | 1 |
| 20 | 98−7726 | Screw−RH | 2 |
| 21 | 98−7728 | Screw−RH | 1 |
| 22 | 98−7729 | Bolt | 3 |
| 23 | 98−7720 | Cover−End | 1 |
| 24 | 98−7723 | Holder−Brush | 1 |
| 25 | 98−7725 | Spring−Brush | 2 |
| 26 | 98−7724 | Brush | 2 |
| 27 | 98−7727 | Screw−RH | 6 |
| * | 98−9474 | Asm−Alternator (Incl. Ref. #1−27) | 1 |

*Not Illustrated

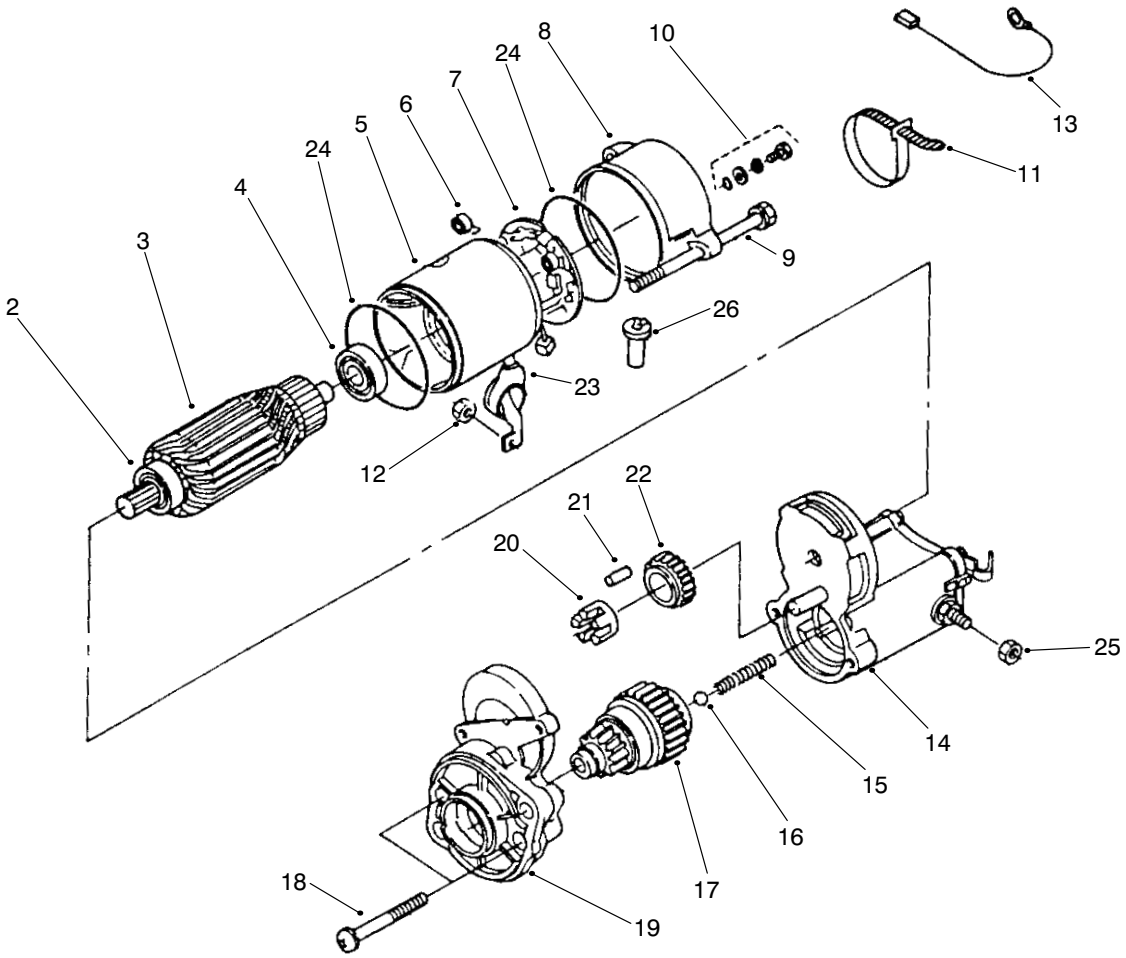



T−2928

# STARTER MOUNT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−7697 | Bolt | 2 |
| 2 | 98−9705 | Asm−Starter | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|



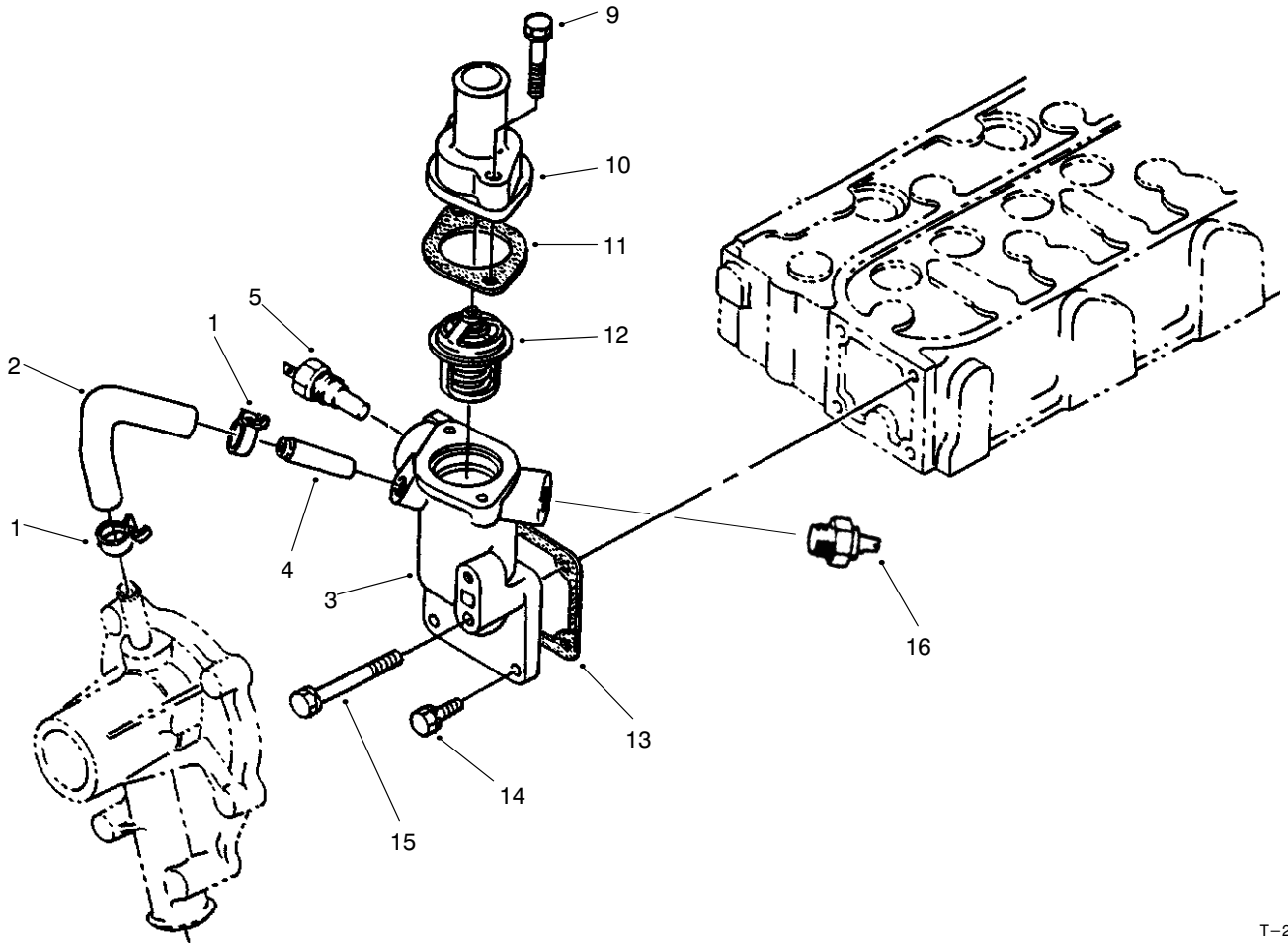

T−3081

# STARTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 2 | 98−7743 | Bearing−Ball | 1 |
| 3 | 98−7742 | Asm−Armature (Incl. Ref. #2 & 4) | 1 |
| 4 | 98−7744 | Bearing−Ball | 1 |
| 5 | 98−7741 | Asm−Yoke | 1 |
| 6 | 98−7750 | Spring−Brush | 4 |
| 7 | 98−7749 | Asm−Holder, Brush (Incl. Ref. #6) | 1 |
| 8 | 99−8370 | Frame−End | 1 |
| 9 | 98−9549 | Bolt | 2 |
| 10 | 98−7758 | Asm−Bolt | 2 |
| 11 | 98−9712 | Band−Cover | 1 |
| 12 | 99−8371 | Nut−Hex. | 1 |
| 13 | 98−9711 | Cord−Stop, Solenoid | 1 |
| 14 | 99−8372 | Asm−Switch, Magnetic | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 98−7754 | Spring | 1 |
| 16 | 98−7755 | Ball | 1 |
| 17 | 99−8373 | Clutch | 1 |
| 18 | 98−7756 | Bolt | 2 |
| 19 | 99−8374 | Frame−Drive End | 1 |
| 20 | 98−7752 | Retainer | 1 |
| 21 | 98−7753 | Roller | 5 |
| 22 | 98−7751 | Gear | 1 |
| 23 | 99−8375 | Cover−Cord | 1 |
| 24 | 98−7757 | O−Ring | 2 |
| 25 | 99−8376 | Nut | 1 |
| 26 | 98−7759 | Pipe−Drain | 1 |
| * | 98−9705 | Asm−Starter (Incl. Ref. #2−26) | 1 |

*Not Illustrated

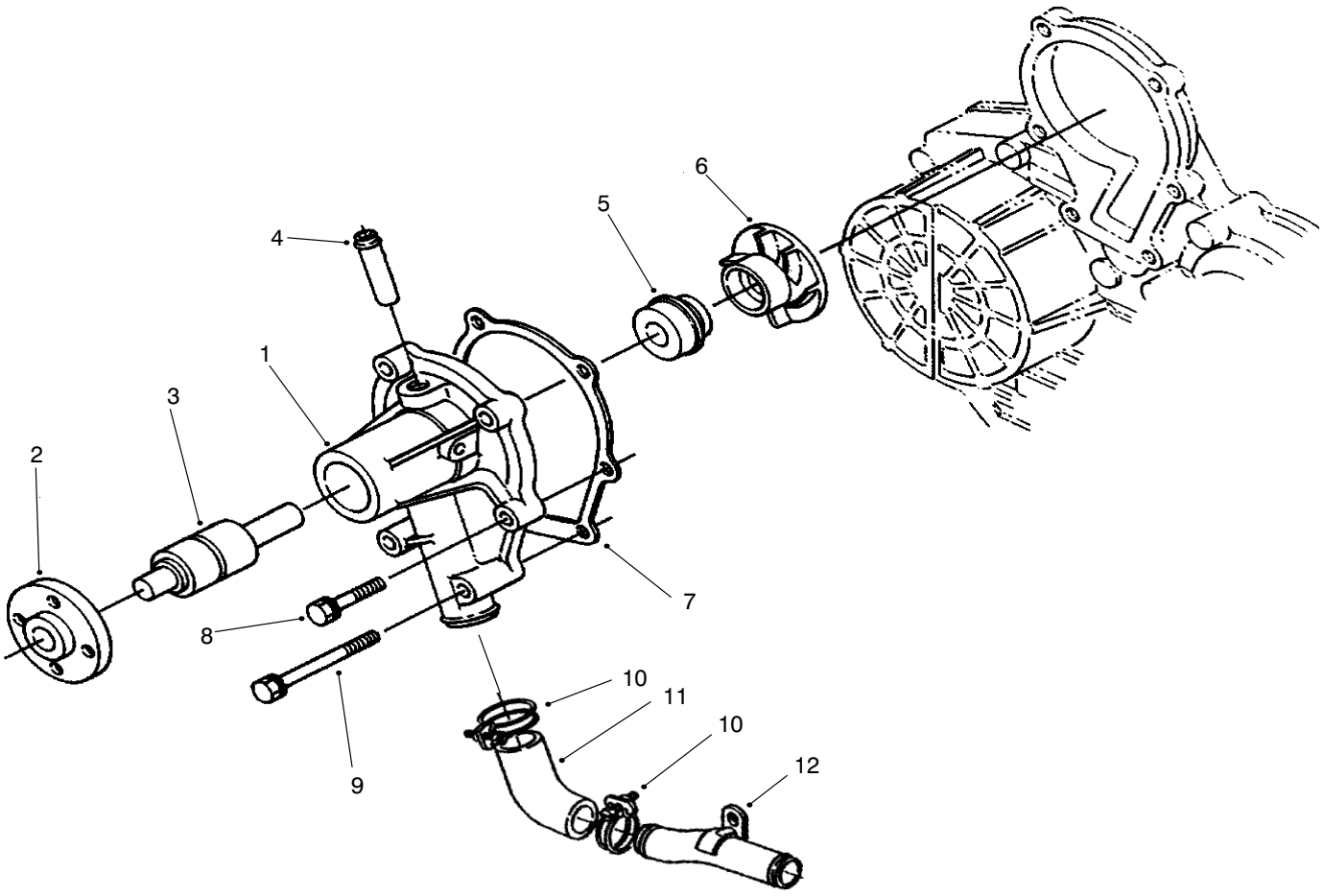



T−2930

# WATER FLANGE & THERMOSTAT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9579 | Band Pipe | 2 |
| 2 | 98−9578 | Pipe−Return, Water | 1 |
| 3 | 98−9713 | Asm−Flange, Water (Incl. Ref. #4) | 1 |
| 4 | 98−9580 | Pipe−Return, Water | 1 |
| 5 | 98−9719 | Thermoswitch | 1 |
| 9 | 98−7777 | Bolt | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 98−9471 | Cover−Thermostat | 1 |
| 11 | 98−7776 | Gasket | 1 |
| 12 | 98−7778 | Asm−Thermostat | 1 |
| 13 | 98−9638 | Gasket−Flange, Water | 1 |
| 14 | 98−7692 | Bolt | 3 |
| 15 | 98−9356 | Bolt | 1 |
| 16 | 98−9346 | Switch | 1 |

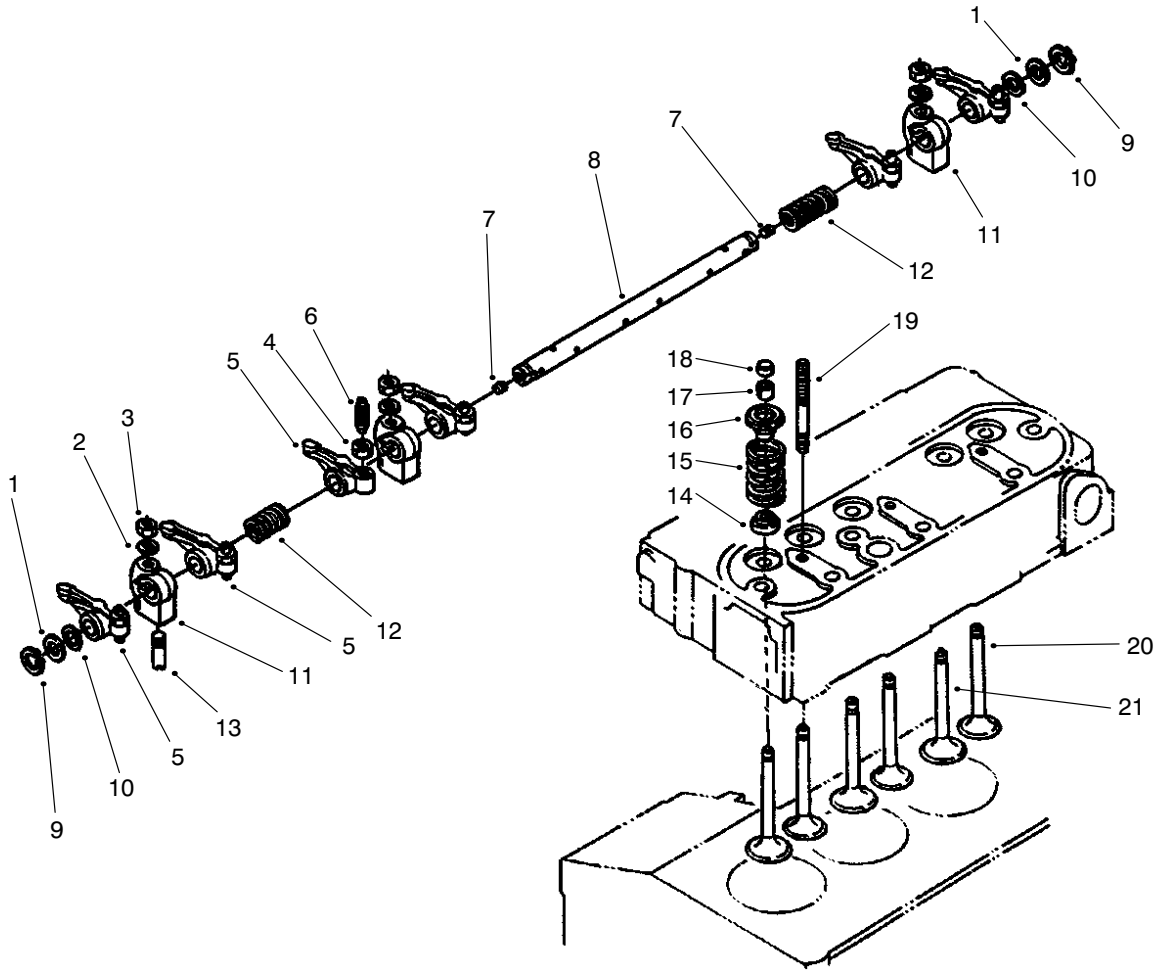



T−2931

# WATER PUMP ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9575 | Asm−Pump, Water (Incl. Ref. #2−6) | 1 |
| 2 | 98−9582 | Flange−Pump, Water | 1 |
| 3 | 98−9583 | Bearing | 1 |
| 4 | 98−9577 | Pipe−Return, Water | 1 |
| 5 | 98−9576 | Asm−Seal | 1 |
| 6 | 98−9581 | Impeller−Water | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 98−9632 | Gasket−Pump, Water | 1 |
| 8 | 98−9353 | Bolt | 1 |
| 9 | 98−9357 | Bolt | 4 |
| 10 | 98−9717 | Clamp | 2 |
| 11 | 98−9574 | Pipe−Water | 1 |
| 12 | 98−9716 | Pipe−Water | 1 |

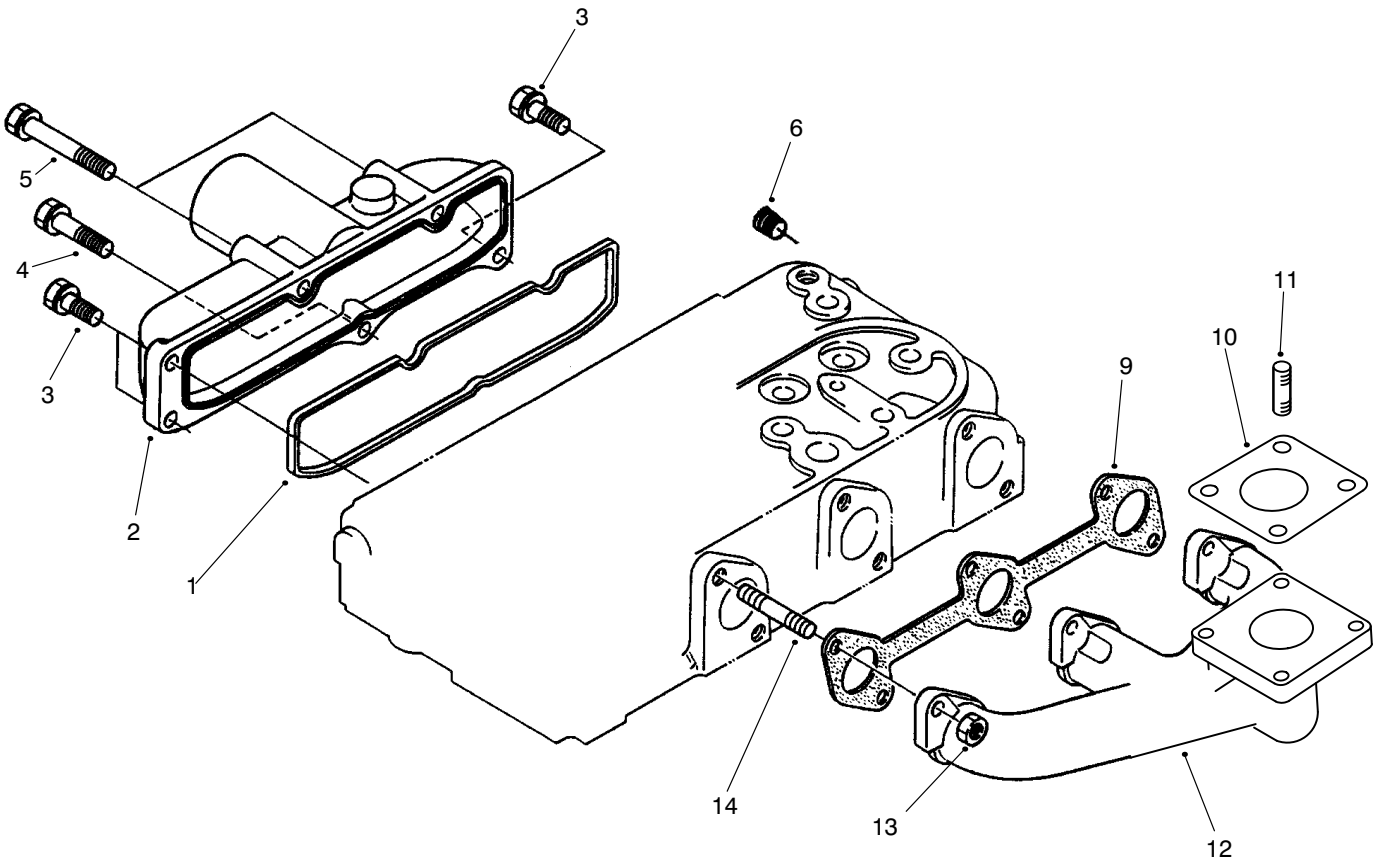



T–2932

# VALVE & ROCKER ARM ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9508 | Washer–Shaft, Rocker Arm | 2 |
| 2 | 98–9385 | Washer–Flat | 3 |
| 3 | 98–9393 | Nut | 3 |
| 4 | 98–9503 | Nut | 6 |
| 5 | 98–9501 | Asm–Arm, Rocker (Incl. Ref. #4 & 6) | 6 |
| 6 | 98–9502 | Screw–Adjusting | 6 |
| 7 | 98–9365 | Screw–Set | 2 |
| 8 | 98–9612 | Asm–Shaft, Rocker Arm (Incl. Ref. #7) | 1 |
| 9 | 98–9370 | Clip–Circular, External | 2 |
| 10 | 98–9507 | Washer–Shaft, Rocker Arm | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 98–9505 | Bracket–Rocker Arm | 3 |
| 12 | 98–9504 | Spring–Rocker Arm | 2 |
| 13 | 98–9391 | Screw–Set | 1 |
| 14 | 99–8385 | Seal–Valve Stem | 6 |
| 15 | 98–9648 | Spring–Valve | 6 |
| 16 | 98–9498 | Retainer–Valve Spring | 6 |
| 17 | 98–9390 | Collet–Valve Spring Set | 6 |
| 18 | 98–9497 | Cap–Valve | 6 |
| 19 | 98–9506 | Stud | 3 |
| 20 | 98–9495 | Valve–Exhaust | 3 |
| 21 | 98–9494 | Valve–Inlet | 3 |

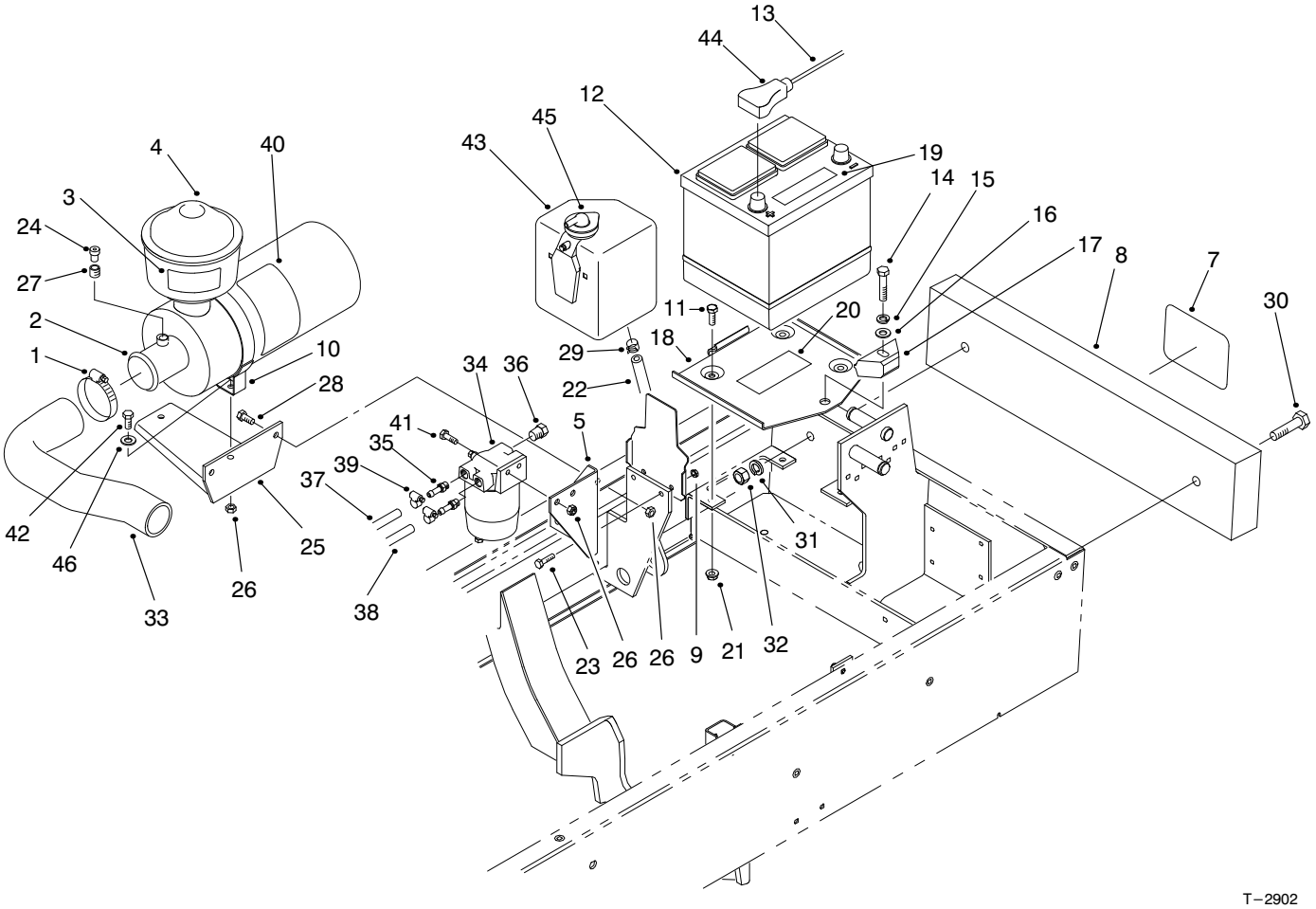



T−2925

# EXHAUST MANIFOLD & GASKET ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98−9609 | Gasket−Manifold, Inlet | 1 |
| 2 | 98−9608 | Manifold−Inlet | 1 |
| 3 | 98−7605 | Bolt | 3 |
| 4 | 98−9353 | Bolt | 1 |
| 5 | 98−9355 | Bolt | 2 |
| 6 | 98−9444 | Plug | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98−9610 | Gasket−Manifold, Exhaust | 1 |
| 10 | 99−8343 | Gasket−Muffler | 1 |
| 11 | 99−8342 | Stud | 4 |
| 12 | 98−9718 | Manifold−Exhaust | 1 |
| 13 | 98−9665 | Nut | 6 |
| 14 | 98−9588 | Stud | 6 |



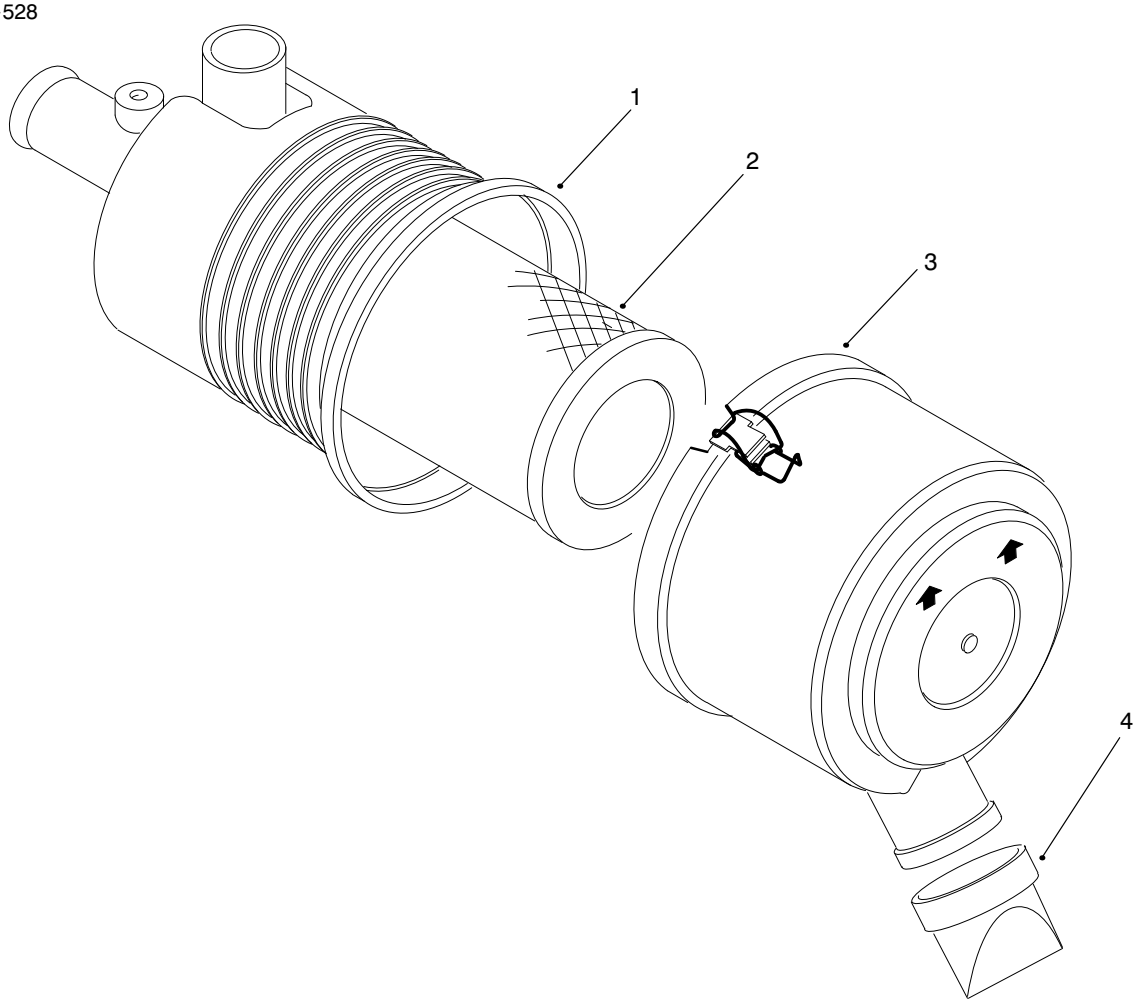

T−2902

# ENGINE COMPONENTS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 2412−42 | Clamp−Hose | 1 |
| 2 | 98−4517 | Asm−Air Cleaner (Incl. Ref. #40) | 1 |
| 3 | 93−6692 | Decal−Starting Fluid | 1 |
| 4 | 48−7430 | Pre−Cleaner | 1 |
| 5 | 98−4578 | Bracket−Fuel Filter | 1 |
| 7 | 62−5550 | Decal−Toro | 1 |
| 8 | 75−6680 | Bar−Weight | 1 |
| 9 | 32128−33 | Nut−Lock | 2 |
| 10 | 98−4525 | Bracket−Mount, Air Cleaner | 1 |
| 11 | 322−4 | Screw−HH | 3 |
| 12 | | Battery (Type 26, 530 Amp.) | 1 |
| 13 | 98−4599 | Asm−Battery Cable (+) (Incl. Ref. #44) | 1 |
| 14 | 323−9 | Screw−HH | 1 |
| 15 | 3253−21 | Washer−Lock | 1 |
| 16 | 3256−24 | Washer−Flat | 1 |
| 17 | 66−2490 | Clamp−Battery | 1 |
| 18 | 94−7343 | Base−Battery | 1 |
| 19 | 93−6668 | Decal−Battery | 1 |
| 20 | 93−7276 | Decal−Danger | 1 |
| 21 | 32128−20 | Nut−Lock | 3 |
| 22 | 98−4576 | Bracket−Reservoir, Water | 1 |
| 23 | 321−5 | Screw−HH | 2 |
| 24 | 93−9164 | Indicator−Service | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 98−4518 | Bracket−Air Cleaner | 1 |
| 26 | 3296−29 | Nut−Lock | 8 |
| 27 | 94−1416 | Asm−Adapter, Indicator | 1 |
| 28 | 322−5 | Screw−HH | 2 |
| 29 | 92−2379 | Clamp−Hose | 1 |
| 30 | 325−12 | Screw−HH | 2 |
| 31 | 3253−27 | Washer−Lock | 2 |
| 32 | 3217−9 | Nut−Hex. | 2 |
| 33 | 98−4510 | Hose−Air Cleaner | 1 |
| 34 | 98−9305 | Filter−Water/Fuel Separator | 1 |
| 35 | 353−783 | Fitting−Fuel | 1 |
| 36 | 281−13 | Plug−Pipe | 2 |
| 37 | 71−3381 | Hose−Fuel | 1 |
| 38 | 95−4275 | Hose−Fuel | 1 |
| 39 | 2412−108 | Clamp | 4 |
| 40 | 98−9788 | Decal−Instructions | 1 |
| 40 | 93−8052 | Decal−Instructions (Europe) | 1 |
| 41 | 3234−29 | Screw | 2 |
| 42 | 322−6 | Screw−HH | 2 |
| 43 | 98−9323 | Asm−Expansion Tank (Incl. Ref. #45) | 1 |
| 44 | 28−1280 | Boot−Cable | 1 |
| 45 | | Cap−Expansion Tank | 1 |
| 46 | 3256−24 | Washer−Flat | 2 |

3322−528



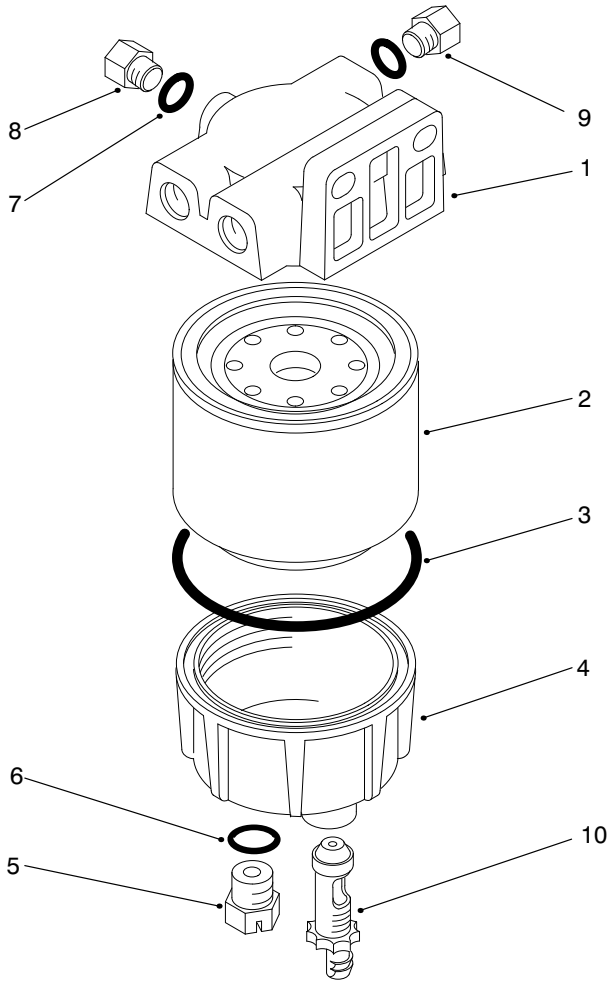

T−2903

# AIR CLEANER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Asm−Body | 1 |
| 2 | 98−9763 | Asm−Element | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 98−9771 | Asm−Cover | 1 |
| 4 | 94−1414 | Valve−Vacuator | 1 |

*Not Illustrated
†Not Serviceable Separately



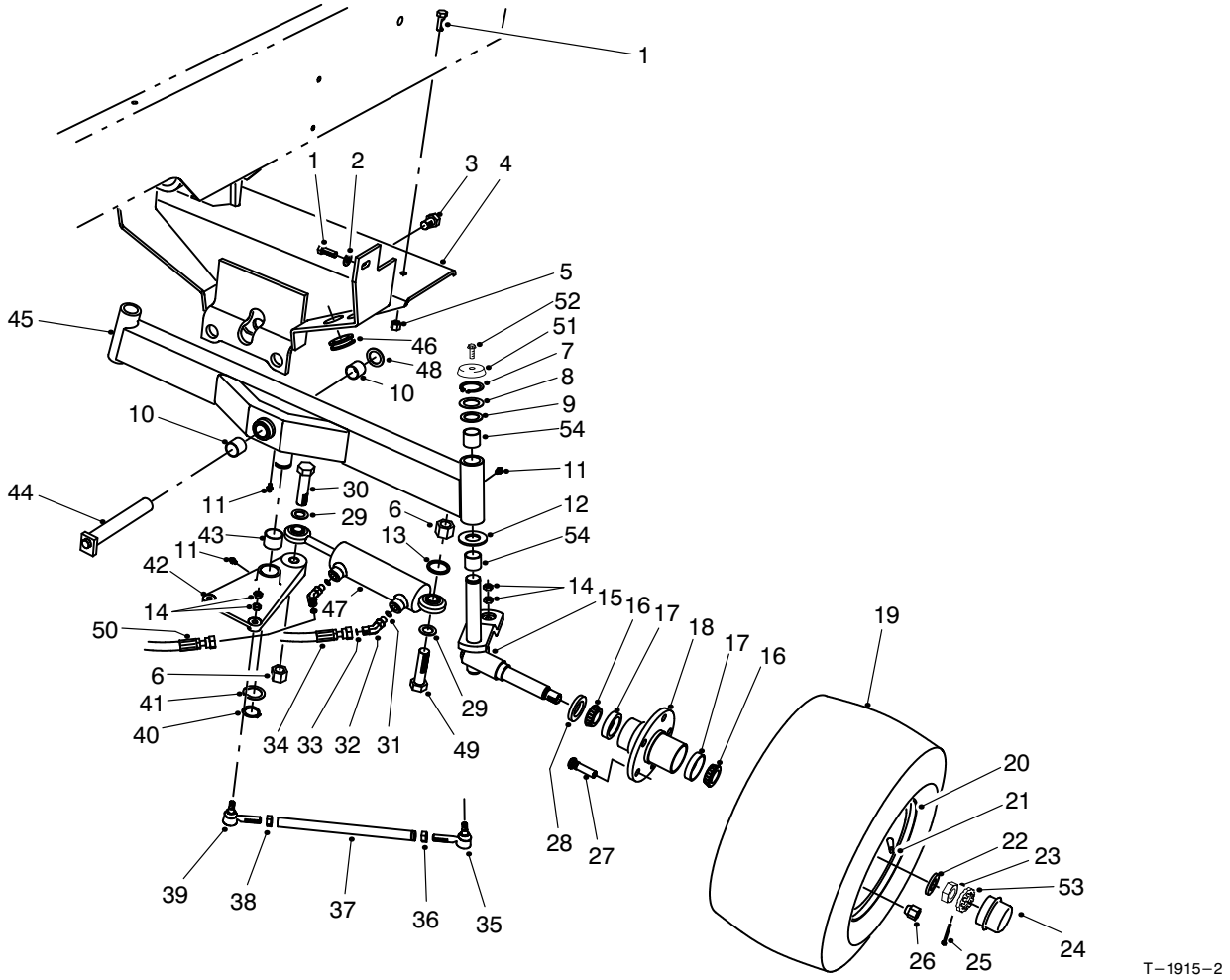

T–2904

# FILTER, WATER/FUEL SEPARATOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 98–9772 | Head–Filter | 1 |
| 2 | 98–9764 | Element–Spin On | 1 |
| 3 | 98–9774 | O–Ring, Filter Base | 1 |
| 4 | 98–9775 | Base–Filter | 1 |
| 5 | 98–9773 | Plug–Base, Filter (Incl. Ref. #6) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 237–42 | O–Ring | 1 |
| 7 | 237–78 | O–Ring | 1 |
| 8 | 98–9776 | Plug–Head, Filter (Incl. Ref. #7) | 1 |
| 9 | 285–22 | Plug–Pipe | 1 |
| 10 | 98–9777 | Asm–Valve, Drain | 1 |

3322−528



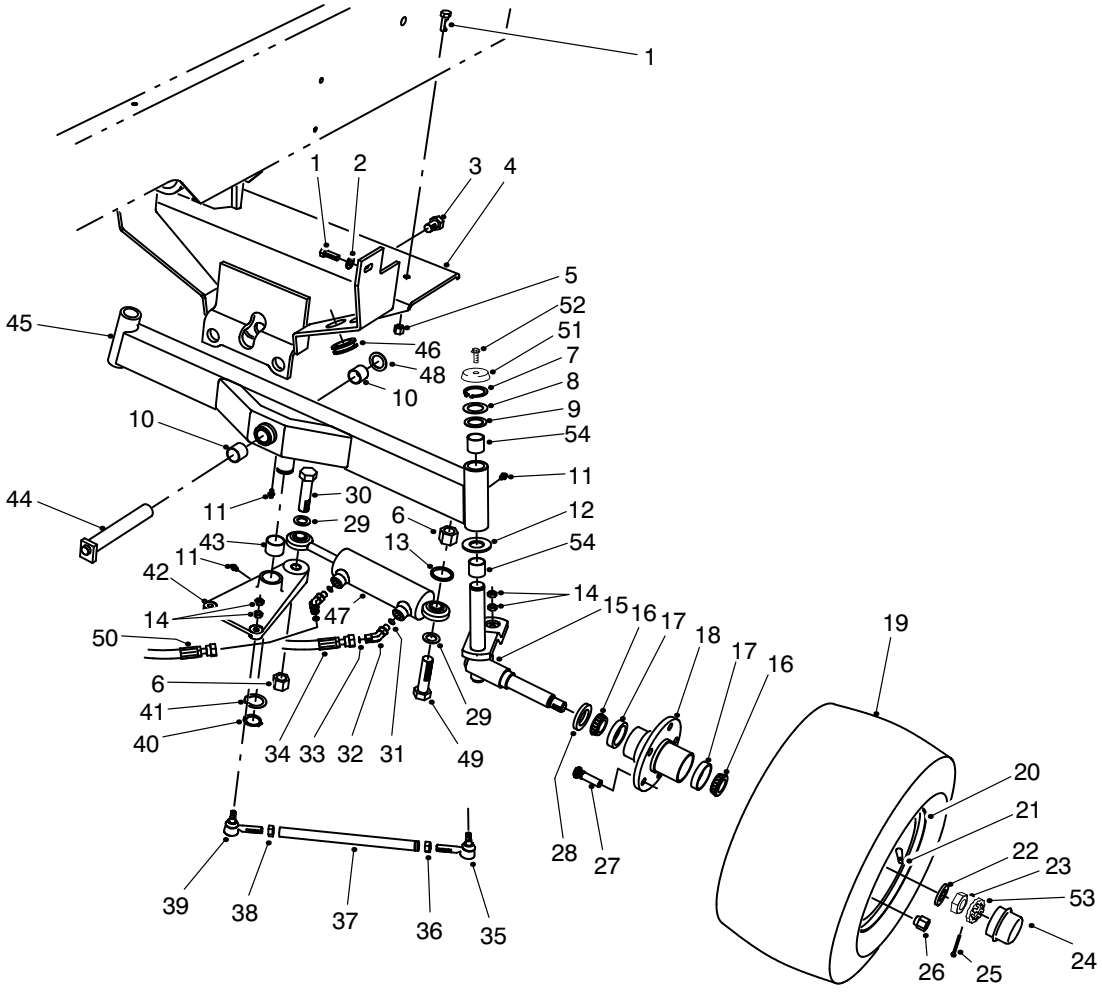

T−1915−2

# REAR AXLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323−7 | Screw−HH | 4 |
| 2 | 3256−24 | Washer−Flat | 2 |
| 3 | 327−2 | Screw−HH | 1 |
| 4 | 93−0064 | Support−Rear Axle | 1 |
| 5 | 3296−39 | Nut−Lock | 2 |
| 6 | 32153−6 | Nut−Lock | 2 |
| 7 | 32151−36 | Ring−Retaining | 2 |
| 8 | 5−1226 | Washer−Shim | 5 |
| 9 | 10−8110 | Washer−Thrust | 2 |
| 10 | 67−1751 | Bushing−Sleeve | 2 |
| 11 | 302−5 | Fitting−Grease | 4 |
| 12 | 256−121 | Washer−Thrust | 2 |
| 13 | 67−7250 | Spacer−Cylinder | 1 |
| 14 | 3220−3 | Nut−Jam | 8 |
| 15 | 93−7001 | Spindle−Rear LH | 1 |
| * | 93−7000 | Spindle−Rear RH | 1 |
| 16 | 254−94 | Cone−Bearing | 4 |
| 17 | 254−72 | Cup−Bearing | 4 |
| 18 | 21−2820 | Hub−Rear Wheel | 2 |
| 19 | 231−141 | Tire | 2 |
| 20 | 217−121 | Rim | 2 |
| 21 | 232−35 | Stem−Valve | 2 |
| 22 | 93−0309 | Washer−Tab | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 3220−7 | Nut−Jam | 2 |
| 24 | 241−119 | Cap−Dust | 2 |
| 25 | 3272−13 | Pin−Cotter | 2 |
| 26 | 242−50 | Nut−Lug | 10 |
| 27 | 10−6830 | Stud−Drive | 10 |
| 28 | 253−129 | Seal−Grease | 2 |
| 29 | 67−9410 | Washer−Thrust | 2 |
| 30 | 328−25 | Screw−HH | 1 |
| 31 | 237−78 | O−Ring | 2 |
| 32 | 340−103 | Fitting−Hydraulic 45° (Incl. Ref. #31 & 33) | 2 |
| 33 | 237−21 | O−Ring | 2 |
| 34 | 75−6230 | Hose−Hydraulic | 1 |
| 35 | 21−0141 | Joint−Ball | 2 |
| 36 | 3220−5 | Nut−Jam | 2 |
| 37 | 75−3130 | Rod−Tie | 2 |
| 38 | 3220−12 | Nut−Jam LH Thread | 2 |
| 39 | 21−0151 | Joint−Ball LH Thread | 2 |
| 40 | 32151−77 | Ring−Retaining | 1 |
| 41 | 76−2980 | Washer−Thrust | 1 |
| 42 | 75−4410 | Asm−Pivot Plate (Incl. Ref. #11 & 43) | 1 |
| 43 | 76−2970 | Bushing−Sleeve | 2 |

*Not Illustrated

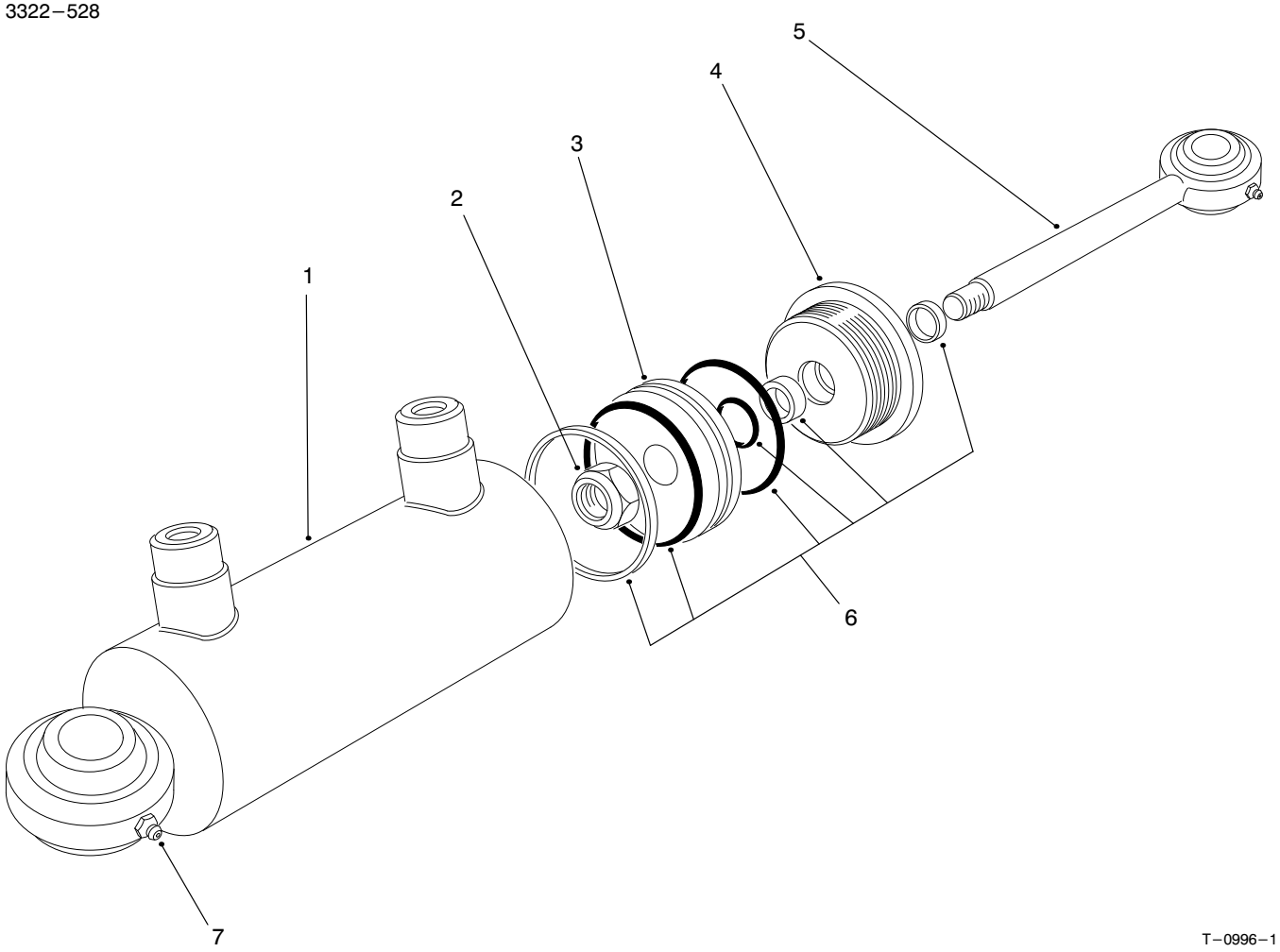



T–1915–2

# REAR AXLE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 44 | 75–4180 | Pin–Rear Axle Pivot | 1 |
| 45 | 75–2900 | Asm–Rear Axle (Incl. Ref. #10, 11 & 54) | 1 |
| 46 | 237–165 | Grommet | 2 |
| 47 | 75–1200 | Asm–Hydraulic Cylinder | 1 |
| 49 | 328–27 | Screw–HH | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 50 | 75–6230 | Hose–Hydraulic | 1 |
| 51 | 66–2990 | Cap–Spindle | 2 |
| 52 | 3234–13 | Screw–Cap Flange Hd. | 2 |
| 53 | 93–0307 | Retainer | 2 |
| 54 | 67–1750 | Bushing–Sleeve | 4 |

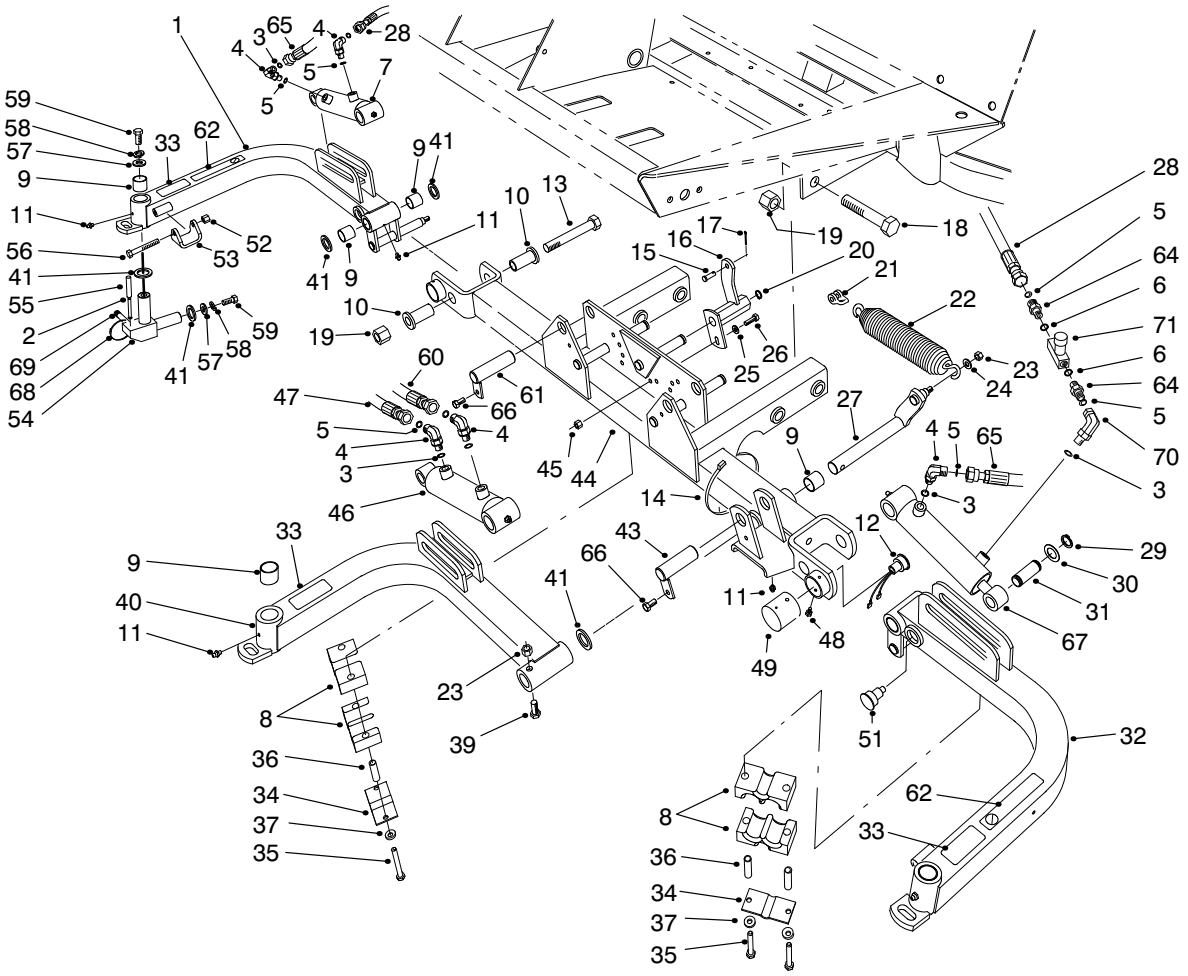



T–0996–1

# HYDRAULIC CYLINDER NO. 75–1200

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| †1 | | Asm–Barrel | 1 |
| 2 | 75–1210 | Nut–Lock | 1 |
| 3 | 75–1220 | Piston | 1 |
| 4 | 75–1260 | Head–Internal | 1 |
| 5 | 75–1230 | Asm–Piston Rod | 1 |
| 6 | 75–1250 | Seal Kit | 1 |
| 7 | 302–5 | Fitting–Grease | 2 |

†Not Serviced Separately



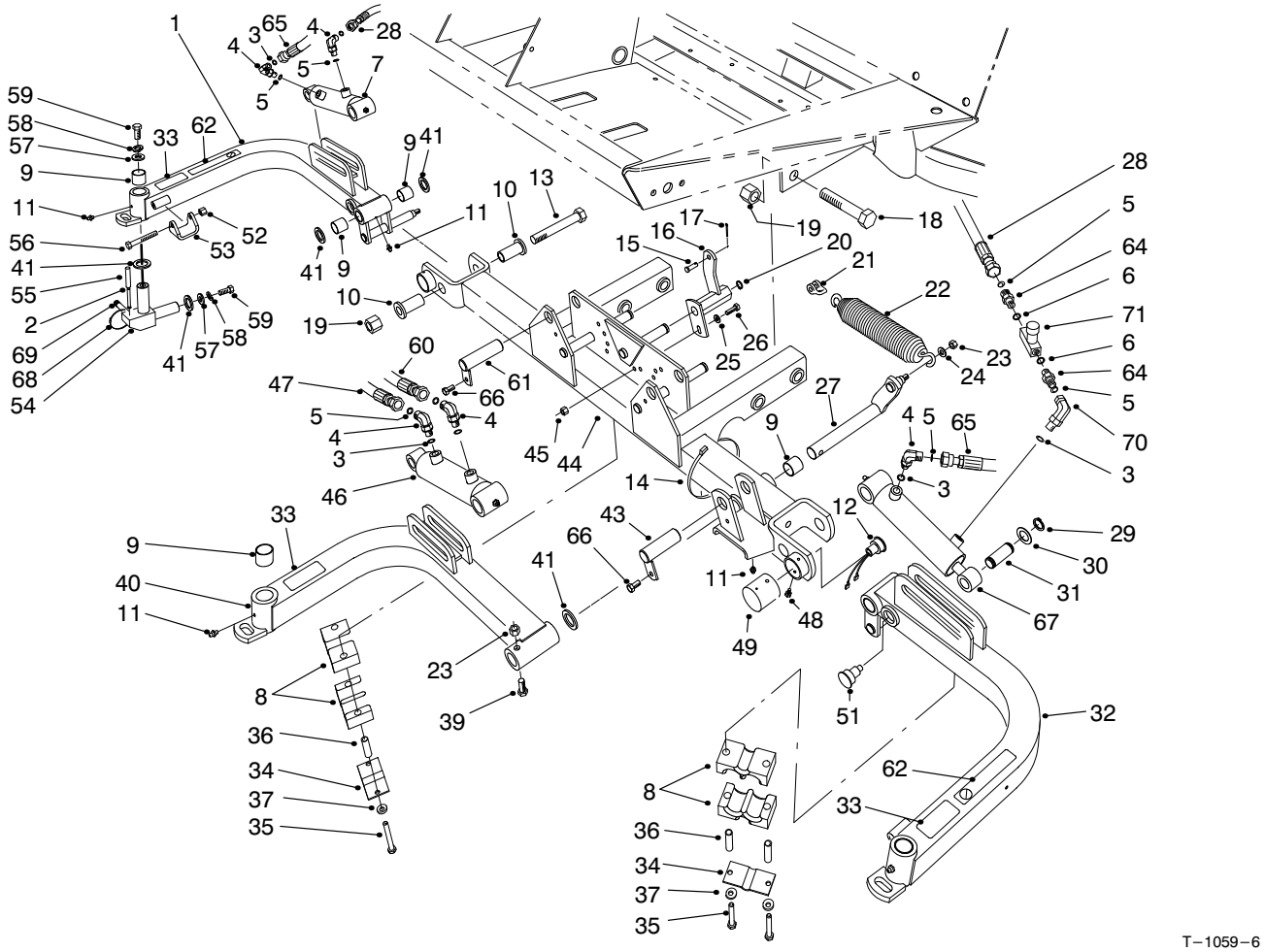

# FRONT LIFT ARMS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 94–5598 | Asm–Lift Arm RH (Incl. Ref. #9 & 11) | 1 |
| 2 | 32121–27 | Pin–Roll | 3 |
| 3 | 237–78 | O–Ring | 6 |
| 4 | 340–132 | Fitting–Hydraulic 90° (Incl. Ref. #3 & 5) | 5 |
| 5 | 237–21 | O–Ring | 8 |
| 6 | 237–42 | O–Ring | 2 |
| 7 | 98–8069 | Asm–Hydraulic Cylinder | 1 |
| 8 | 82–8170 | Clamp–Hose | 8 |
| 9 | 67–1750 | Bushing–Sleeve | 12 |
| 10 | 84–8320 | Insert–Hinge | 4 |
| 11 | 302–5 | Fitting–Grease | 6 |
| 12 | 92–8002 | Sensor–Reed Switch | 1 |
| 13 | 328–12 | Screw–HH | 2 |
| 14 | 3290–379 | Tie–Cable | 3 |
| 15 | 283–6 | Pin–Clevis | 3 |
| 16 | 75–5210 | Bracket–Spring Center | 1 |
| * | 75–5200 | Bracket–Spring RH | 1 |
| * | 75–5220 | Bracket–Spring LH | 1 |
| 17 | 3272–10 | Pin–Cotter | 3 |
| 18 | 328–7 | Screw–HH | 4 |
| 19 | 3296–51 | Nut–Lock | 6 |
| 20 | 32151–48 | Ring–Retaining | 3 |
| 21 | 282–4 | Clevis–Spring | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 5–0743 | Spring–Extension | 3 |
| 23 | 3296–44 | Nut–Lock | 4 |
| 24 | 3256–24 | Washer–Flat | 3 |
| 25 | 3256–23 | Washer–Flat | 3 |
| 26 | 322–5 | Screw–HH | 3 |
| 27 | 75–4550 | Shaft–Center Arm Pivot | 1 |
| 28 | 75–5890 | Hose–Hydraulic | 2 |
| 29 | 32120–93 | Ring–Retaining | 6 |
| 30 | 3–6498 | Washer–Thrust | 6 |
| 31 | 75–5350 | Pin–Cylinder Rod End | 3 |
| 32 | 94–5800 | Asm–Lift Arm LH (Incl. Ref. #9 & 11) | 1 |
| 33 | 93–6696 | Decal–Warning | 3 |
| 34 | 93–7961 | Clamp–Rubber | 3 |
| 35 | 322–13 | Screw–HH | 6 |
| 36 | 93–7960 | Spacer | 6 |
| 37 | 3256–70 | Washer–Flat | 6 |
| 39 | 323–11 | Screw–HH | 1 |
| 40 | 94–5802 | Asm–Lift Arm, Center (Incl. Ref. #9 & 11) | 1 |
| 41 | 256–115 | Washer–Thrust | 11 |
| 43 | 83–6790 | Pin–Cylinder (Short) | 1 |
| 44 | 94–5808 | Asm–Carrier Frame (Incl. Ref. #9 & 11) | 1 |
| 45 | 3296–29 | Nut–Lock | 3 |

*Not Illustrated

3322–528

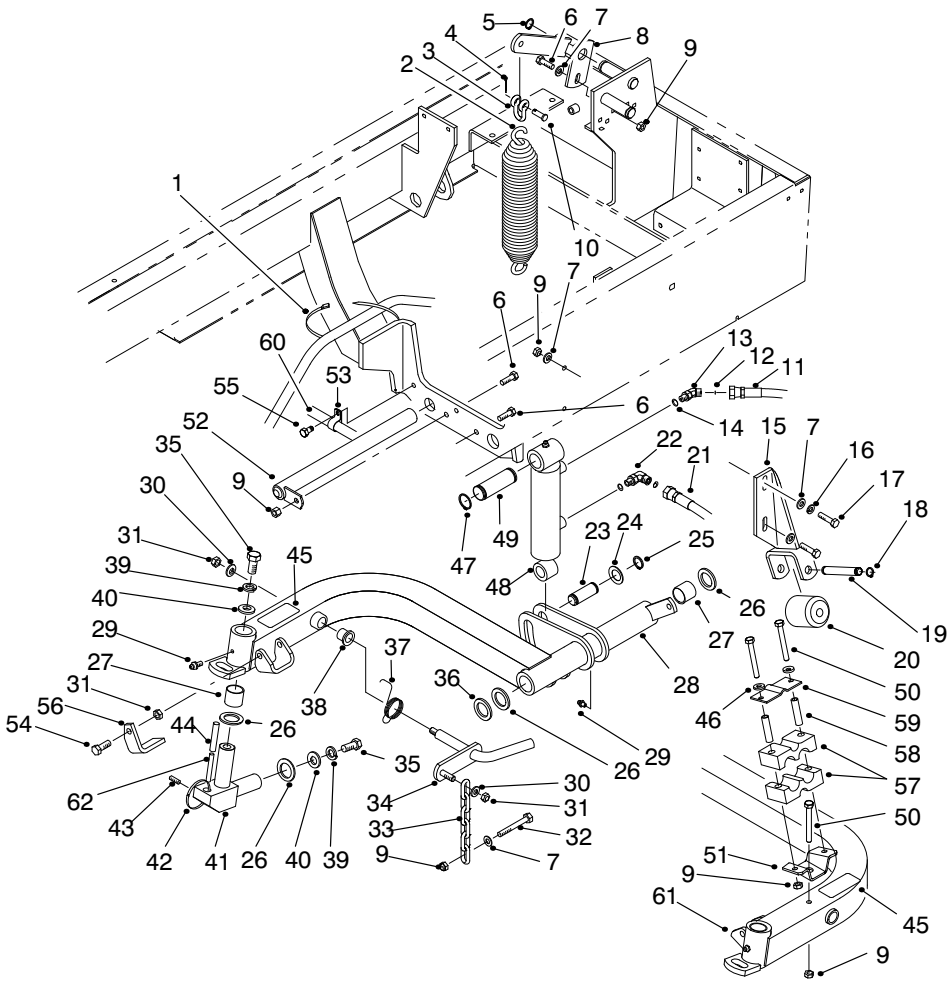



# FRONT LIFT ARMS ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 46 | 93–9310 | Asm–Hydraulic Cylinder | 1 |
| 47 | 75–5900 | Hose–Hydraulic | 1 |
| 48 | 32104–76 | Screw–Thread Forming | 2 |
| 49 | 75–6370 | Cover–Sensor | 1 |
| 51 | 92–8754 | Actuator–Reed Switch | 1 |
| 52 | 3296–39 | Nut–Lock | 2 |
| 53 | 75–5410 | Bracket–Arm | 2 |
| 54 | 75–3010 | Joint–Arm | 3 |
| 55 | 32121–122 | Pin–Roll | 3 |
| 56 | 323–12 | Screw–HH | 2 |
| 57 | 3256–6 | Washer–Flat | 6 |
| 58 | 3253–7 | Washer–Lock | 6 |
| 59 | 325–4 | Screw–HH | 6 |
| 60 | 75–5910 | Hose–Hydraulic | 1 |
| 61 | 83–6780 | Pin–Cylinder (Long) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 62 | 93–6687 | Decal–No Step | 2 |
| 64 | 340–1 | Fitting–Straight (Incl. Ref. #5 & 6) | 2 |
| 65 | 82–6490 | Hose–Hydraulic | 1 |
| 66 | 32144–14 | Screw–Self Tapping | 3 |
| 67 | 98–8068 | Hydraulic Cylinder Asm. | 1 |
| 68 | 3290–378 | Tie–Cable | 5 |
| 69 | 92–9097 | Set Screw | 3 |
| 70 | 340–143 | Fitting–Hydraulic 90° (Incl. Ref. #3) | 1 |
| 71 | 98–9742 | Valve–Flow Control | 1 |
| * | 93–6688 | Decal–Hands/Feet (Mounted on Cutting Unit Frames) | 3 |

* Not Illustrated

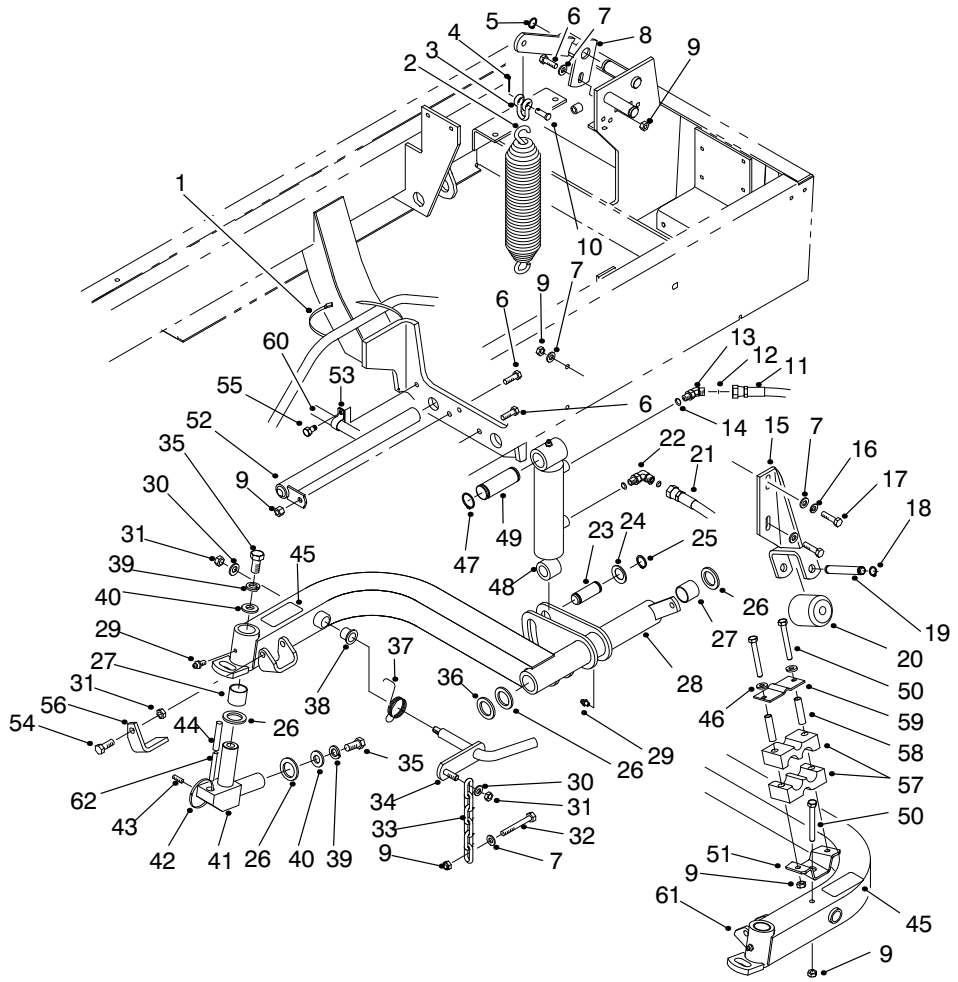



# REAR LIFT ARMS ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290–379 | Tie–Cable | 4 |
| 2 | 5–0743 | Spring–Counterbalance | 2 |
| 3 | 282–4 | Clevis–Spring | 2 |
| 4 | 3272–10 | Pin–Cotter | 2 |
| 5 | 32151–48 | Ring–Retaining | 2 |
| 6 | 322–5 | Screw–HH | 3 |
| 7 | 3256–23 | Washer–Flat | 10 |
| 8 | 98–4548 | Bracket–Spring Rear RH | 1 |
| * | 98–4536 | Bracket–Spring Rear LH | 1 |
| 9 | 3296–29 | Nut–Lock | 11 |
| 10 | 283–6 | Pin–Clevis | 2 |
| 11 | 75–6070 | Hose–Hydraulic (Cap) | 1 |
| 12 | 237–78 | O–Ring | 4 |
| 13 | 340–103 | Fitting–Hydraulic 45° (Incl. Ref. #12 & 14) | 1 |
| 14 | 237–21 | O–Ring | 4 |
| 15 | 75–3810 | Bracket–Roller | 2 |
| 16 | 3253–4 | Washer–Lock | 2 |
| 17 | 322–6 | Screw–HH | 4 |
| 18 | 32151–61 | Ring–Retaining | 4 |
| 19 | 75–5400 | Shaft–Roller | 2 |
| 20 | 75–5390 | Roller | 2 |
| 21 | 75–6180 | Hose–Hydraulic RH (Rod) | 2 |
| * | 75–6080 | Hose–Hydraulic LH (Rod) | 1 |
| 22 | 340–132 | Fitting–Hydraulic 90° (Incl. Ref. #12 & 14) | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 75–5350 | Pin–Cylinder Rod End | 2 |
| 24 | 3–6498 | Washer–Thrust | 4 |
| 25 | 32120–93 | Ring–Retaining | 4 |
| 26 | 256–115 | Washer–Thrust | 8 |
| 27 | 67–1750 | Bushing–Sleeve | 8 |
| 28 | 94–5596 | Lift Arm Asm– Rear RH (Incl. Ref. #27, 29 & 38) | 1 |
| 29 | 302–5 | Fitting–Grease | 4 |
| 30 | 3256–24 | Washer–Flat | 4 |
| 31 | 3296–39 | Nut–Lock | 6 |
| 32 | 322–12 | Screw–HH | 2 |
| 33 | 5–1096 | Chain–Cutting Unit | 2 |
| 34 | 75–4590 | Rod–Pivot | 2 |
| 35 | 325–4 | Screw–HH | 4 |
| 36 | 93–0142 | Bushing–Straight | 2 |
| 37 | 75–4520 | Spring–Torsion RH | 1 |
| * | 75–4530 | Spring–Torsion LH | 1 |
| 38 | 256–287 | Bushing–Flange | 4 |
| 39 | 3253–7 | Washer–Lock | 4 |
| 40 | 3256–6 | Washer–Flat | 4 |
| 41 | 75–3010 | Joint–Arm | 2 |
| 42 | 3290–378 | Tie–Cable | 2 |
| 43 | 92–9097 | Set Screw | 2 |
| 44 | 32121–122 | Pin–Roll | 2 |

*Not Illustrated

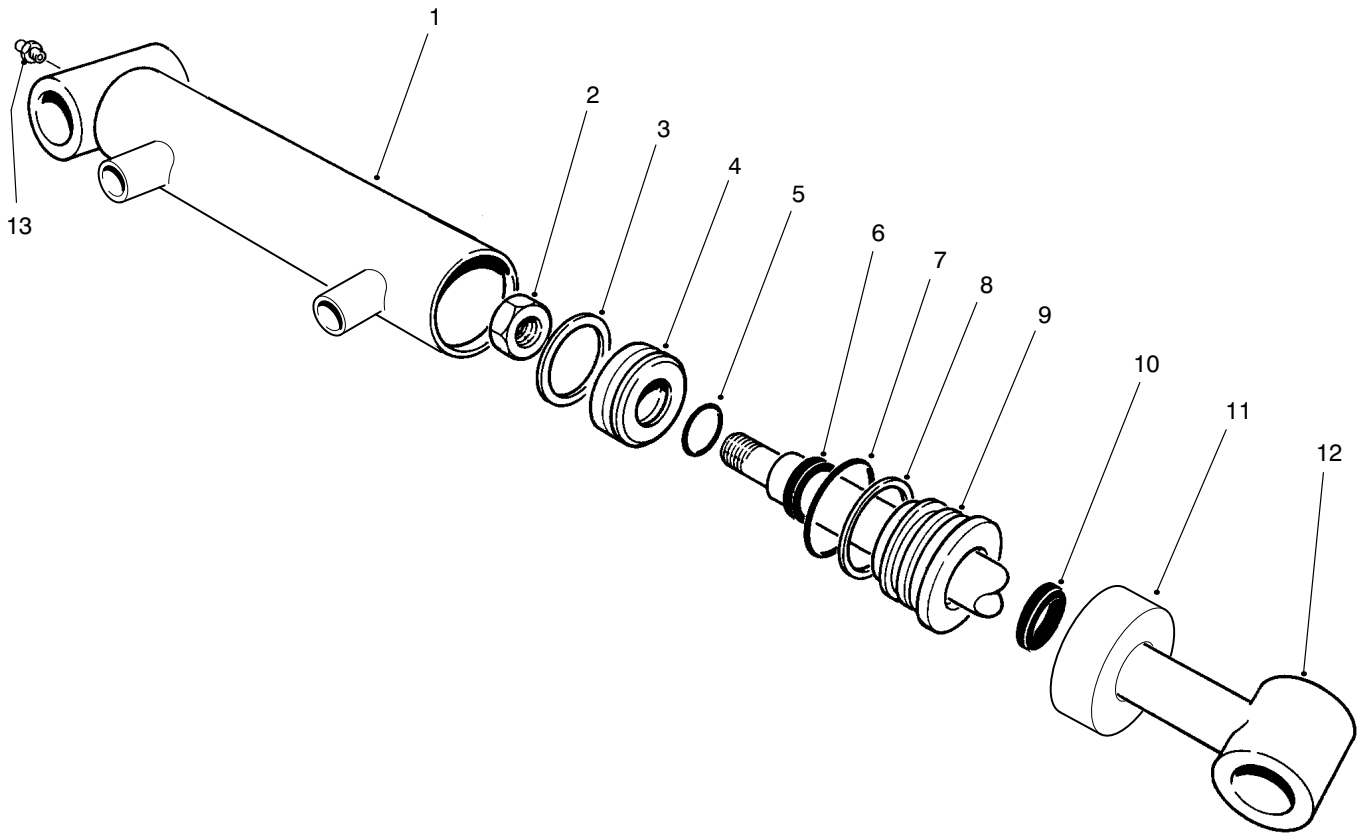



# REAR LIFT ARMS ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 45 | 93−6696 | Decal−Warning | 2 |
| 46 | 3256−70 | Washer−Plain | 2 |
| 47 | 32151−36 | Ring−Retaining | 4 |
| 48 | 93−9311 | Asm−Hydraulic Cylinder | 2 |
| 49 | 75−5360 | Pin−Cylinder Cap End | 2 |
| 50 | 322−13 | Screw−HH | 3 |
| 51 | 94−4919 | Bracket−Clamp, Hose | 1 |
| 52 | 93−0069 | Pin−Pivot | 2 |
| 54 | 323−6 | Screw−HH | 2 |
| 56 | 93−3640 | Stop−Reel RH | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| * | 83−5170 | Stop−Reel LH | 1 |
| 57 | 82−8170 | Clamp | 2 |
| 58 | 93−7960 | Spacer | 2 |
| 59 | 93−7961 | Clamp | 1 |
| 61 | 94−5594 | Lift Arm Asm− Rear LH (Incl. Ref. #27, 29 & 38) | 1 |
| 62 | 32121−27 | Pin−Roll | 2 |
| * | 93−6688 | Decal−Hands/Feet (Mounted on Cutting Unit Frames) | 2 |

*Not Illustrated




T–2114–2

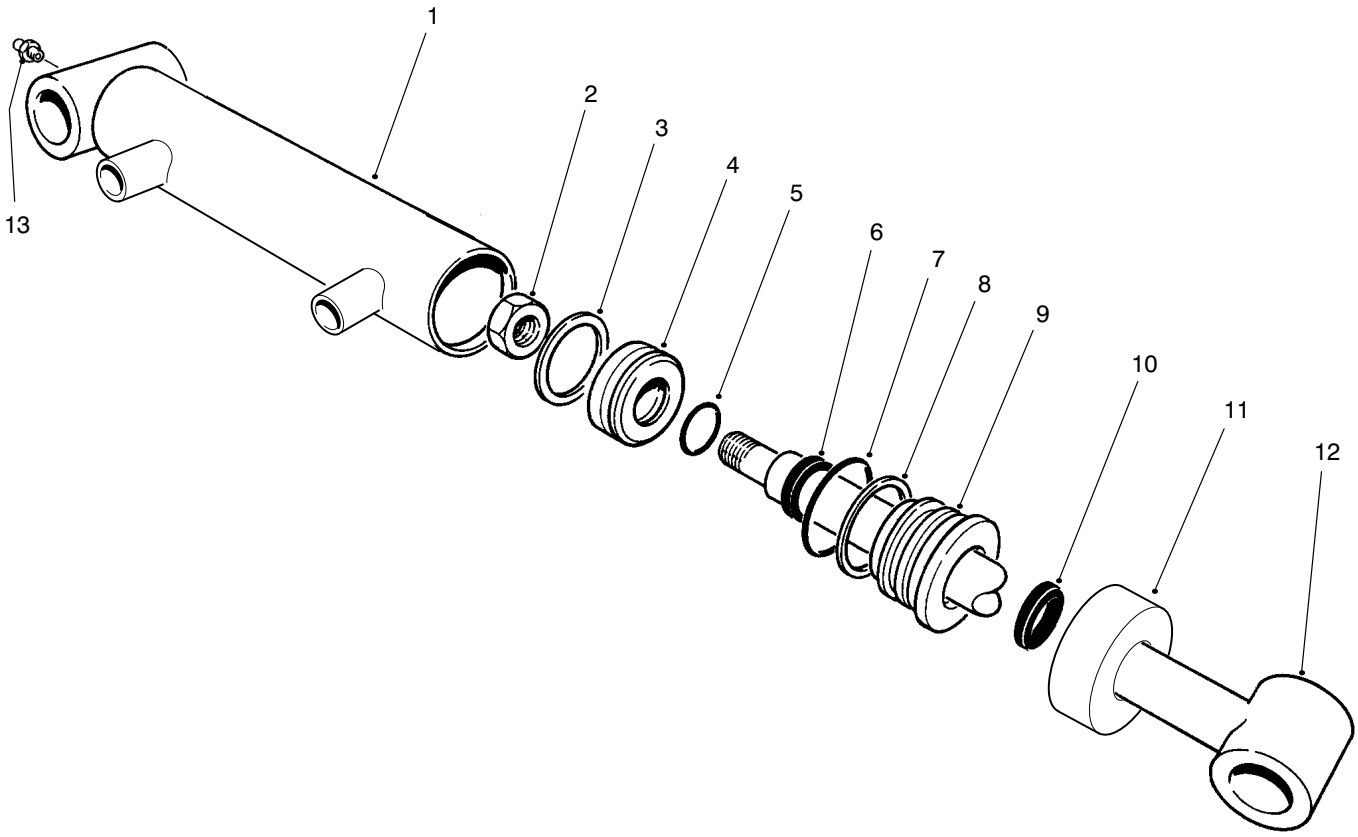
# HYDRAULIC CYLINDER NO. 93–9311

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| †1 | 93–9313 | Asm–Barrel | 1 |
| 2 | 32152–10 | Nut | 1 |
| †3 | | Uni–ring | 1 |
| 4 | 70–2780 | Piston | 1 |
| †5 | | O–Ring | 1 |
| †6 | | Seal–Rod | 1 |
| †7 | | O–Ring | 1 |
| †8 | | Backup | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 93–7990 | Head | 1 |
| †10 | | Seal–Dust | 1 |
| 11 | 93–7991 | Collar | 1 |
| 12 | 75–3790 | Shaft and Tube | 1 |
| 13 | 302–5 | Fitting–Grease | 1 |
| * | 86–7330 | Seal Repair Kit (Incl. Ref. #3, 5–8 & 10) | 1 |

*Not Illustrated
†Not Serviced Separately

3322−528



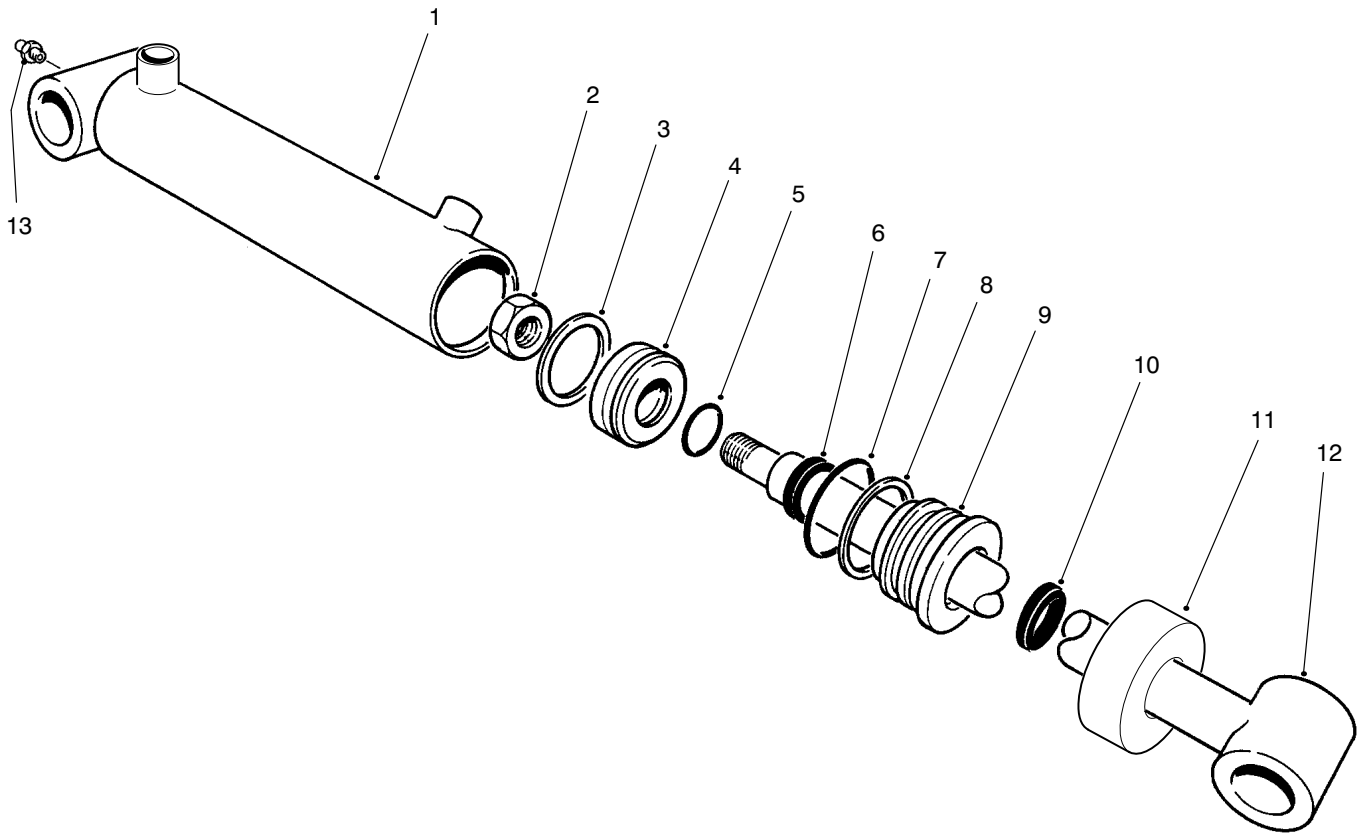

T−2114−2

# HYDRAULIC CYLINDER NO. 93−9310

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 93−9312 | Asm−Barrel | 1 |
| 2 | 32152−10 | Nut | 1 |
| †3 | | Uni−ring | 1 |
| 4 | 70−2780 | Piston | 1 |
| †5 | | O−Ring | 1 |
| †6 | | Seal−Rod | 1 |
| †7 | | O−Ring | 1 |
| †8 | | Backup | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 93−7990 | Head | 1 |
| †10 | | Seal−Dust | 1 |
| 11 | 93−7991 | Collar | 1 |
| 12 | 75−3790 | Shaft and Tube | 1 |
| 13 | 302−5 | Fitting−Grease | 1 |
| * | 86−7330 | Seal Repair Kit (Incl. Ref. #3, 5−8 & 10) | 1 |

*Not Illustrated
†Not Serviced Separately



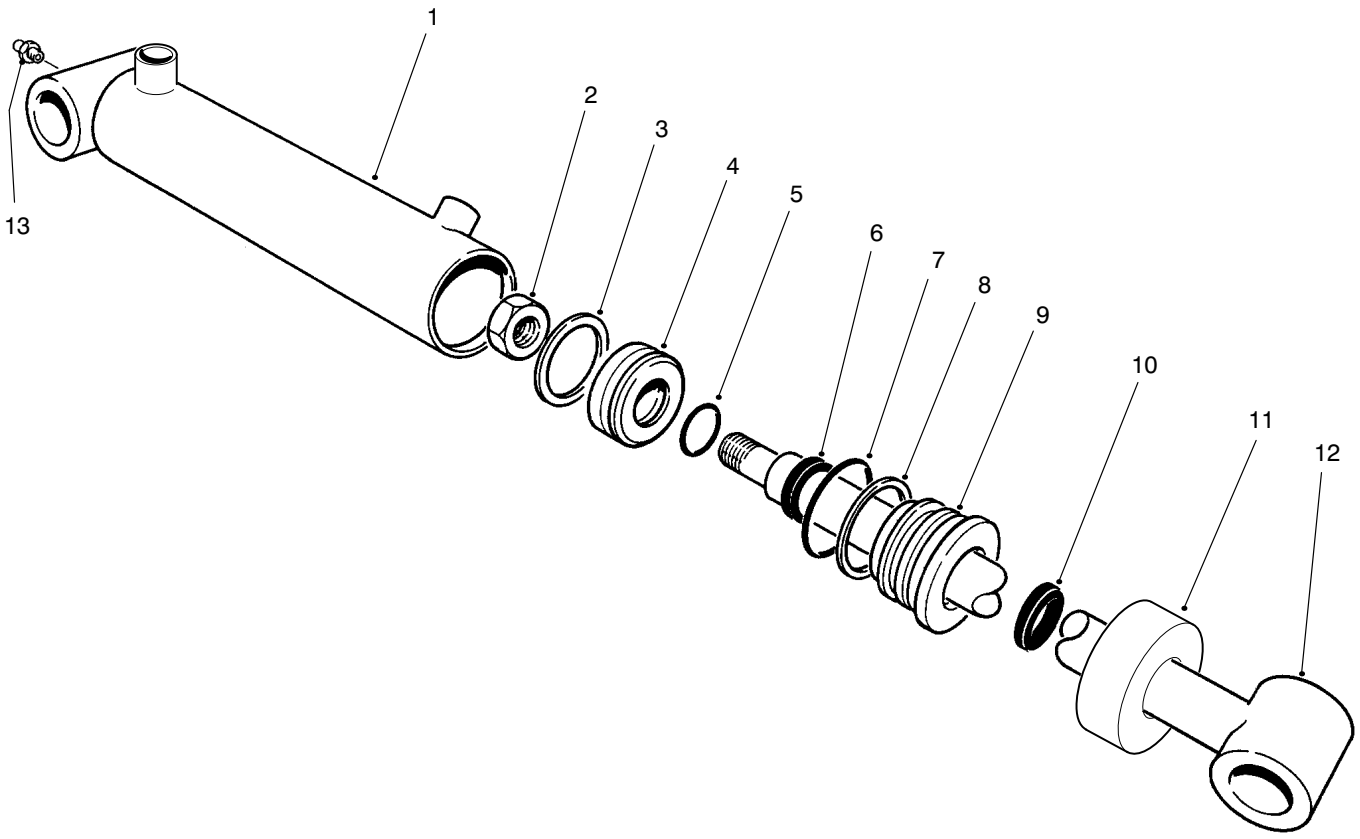

T–2115–1

# HYDRAULIC CYLINDER NO. 98–8069

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 93–7558 | Asm–Barrel | 1 |
| 2 | 32152–10 | Nut | 1 |
| †3 | | Uni–ring | 1 |
| 4 | 84–1710 | Piston | 1 |
| †5 | | O–Ring | 1 |
| †6 | | Seal–Rod | 1 |
| †7 | | O–Ring | 1 |
| †8 | | Backup | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98–7354 | Head | 1 |
| †10 | | Seal–Dust | 1 |
| 11 | 93–7994 | Collar | 1 |
| 12 | 84–1740 | Shaft and Tube | 1 |
| 13 | 302–5 | Fitting–Grease | 1 |
| * | 84–1760 | Seal Repair Kit (Incl. Ref. #3, 5–8 & 10) | 1 |

*Not Illustrated
†Not Serviced Separately



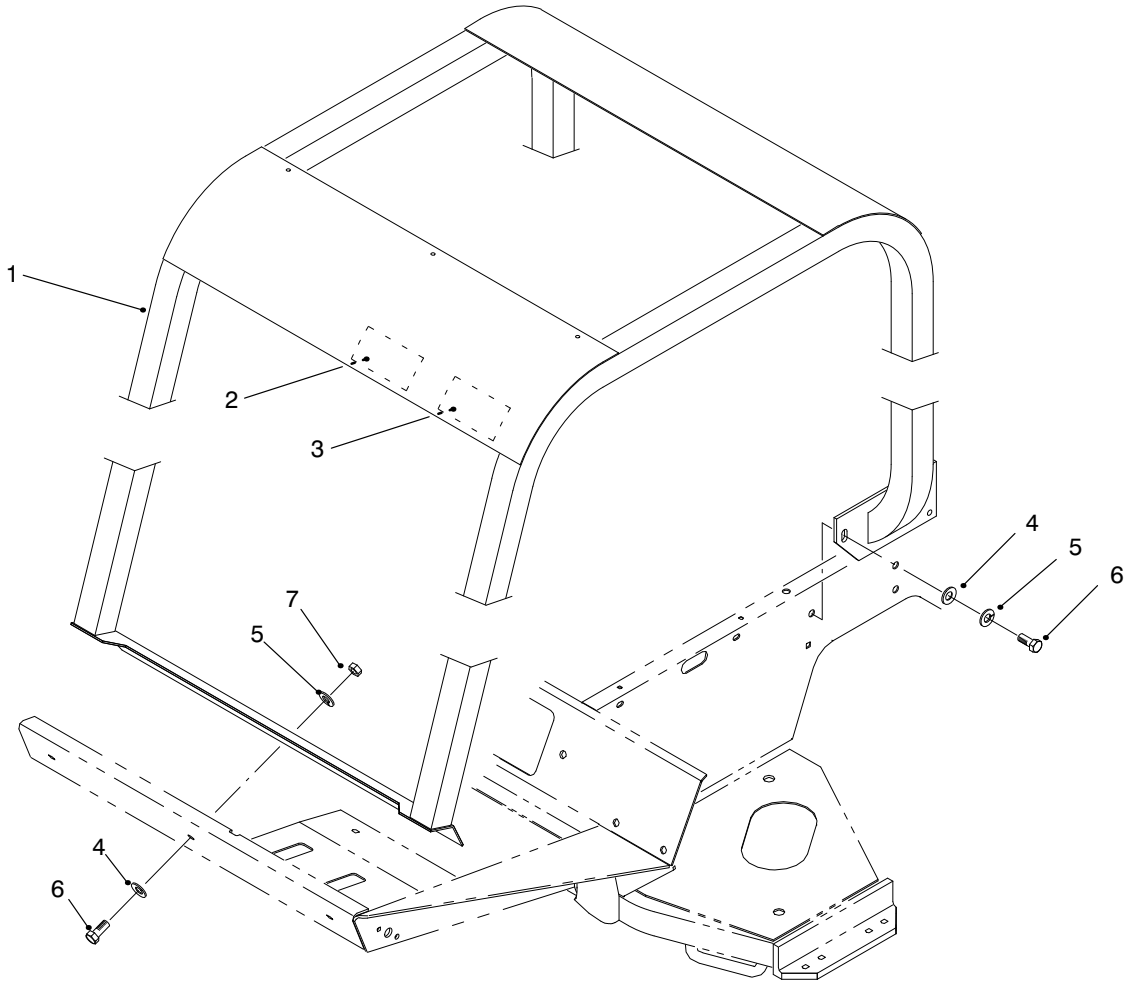

T−2115−1

# HYDRAULIC CYLINDER NO. 98−8068

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 93−7557 | Asm−Barrel | 1 |
| 2 | 32152−10 | Nut | 1 |
| †3 | | Uni−ring | 1 |
| 4 | 70−2780 | Piston | 1 |
| †5 | | O−Ring | 1 |
| †6 | | Seal−Rod | 1 |
| †7 | | O−Ring | 1 |
| †8 | | Backup | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 98−7353 | Head | 1 |
| †10 | | Seal−Dust | 1 |
| 11 | 93−7991 | Collar | 1 |
| 12 | 75−2120 | Shaft and Tube | 1 |
| 13 | 302−5 | Fitting−Grease | 1 |
| * | 86−7330 | Seal Repair Kit (Incl. Ref. #3, 5−8 & 10) | 1 |

*Not Illustrated
†Not Serviced Separately




T−1959−1

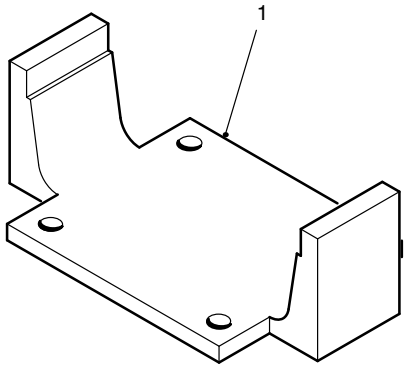
# ROLL OVER PROTECTION SYSTEM (R.O.P.S.) (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 83−7410 | Roll−Bar | 1 |
| 2 | 85−9980 | Decal−R.O.P.S. | 1 |
| 2 | 93−8073 | Decal−R.O.P.S. (Europe) | 1 |
| 3 | 83−7430 | Decal−Danger | 1 |
| 3 | 93−8050 | Decal−Danger (Europe) | 1 |
| 3 | 84−4300 | Decal−Danger (Japan) | 1 |
| 4 | 3256−26 | Washer−Flat | 9 |
| 5 | 3253−7 | Washer−Lock | 9 |
| 6 | 325−5 | Screw−HH | 9 |
| 7 | 3217−9 | Nut−Lock | 3 |
| * | 21−4191 | Asm−Seat Belt | 1 |
| * | 3212−4 | Screw−HH | 2 |
| * | 3253−6 | Washer−Lock | 2 |

*Not Illustrated

# SPECIAL TOOLS

## AXLE TOOL NO. *TOR859920




T−1325−1

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Tool−Axle | 1 |

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1−800−533−0492 (in Minnesota and Canada 1−507−455−7050) Fax. 507−455−7011.

# TORO PART NUMBER INDEX

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 3–6498 | Washer–Thrust | 30 | 22 | 2 |
| 3–6498 | Washer–Thrust | 73 | 24 | 4 |
| 3–6498 | Washer–Thrust | 71 | 30 | 6 |
| 3–6657 | Clamp–Cable | 7 | 29 | 1 |
| 3–6657 | Clamp–Cable | 37 | 51 | 1 |
| 5–0652 | Spacer | 6 | 42 | 1 |
| 5–0743 | Spring–Counterbalance | 73 | 2 | 2 |
| 5–0743 | Spring–Extension | 71 | 22 | 3 |
| 5–1096 | Chain–Cutting Unit | 73 | 33 | 2 |
| 5–1226 | Washer–Shim | 68 | 8 | 5 |
| 10–6830 | Stud–Drive | 68 | 27 | 10 |
| 10–8110 | Washer–Thrust | 68 | 9 | 2 |
| 21–0141 | Joint–Ball | 68 | 35 | 2 |
| 21–0151 | Joint–Ball LH Thread | 68 | 39 | 2 |
| 21–2820 | Hub–Rear Wheel | 68 | 18 | 2 |
| 21–4191 | Asm–Seat Belt | 79 | * | 1 |
| 21–7670 | Case–Differential | 27 | 33 | 1 |
| 21–7690 | Gear–Pinion | 26 | 6 | 2 |
| 21–7700 | Shaft–Pinion Mate | 27 | 31 | 1 |
| 21–7710 | Pin–Roll | 27 | 30 | 1 |
| 21–7720 | Washer–Thrust | 26 | 4 | 2 |
| 21–7730 | Washer–Thrust | 26 | 7 | 2 |
| 21–7770 | Screw–Drive Gear | 27 | 32 | 5 |
| 21–8020 | Spacer–Front Pinion | 27 | 25 | 1 |
| 21–8090 | Diff. Adjust. Shim .003 | 27 | 38 | A/R |
| 21–8100 | Diff. Adjust. Shim .005 | 27 | 37 | A/R |
| 21–8110 | Diff. Adjust. Shim .010 | 27 | 36 | A/R |
| 21–8120 | Diff. Adjust. Shim .030 | 27 | 35 | A/R |
| 21–8180 | Bearing | 28 | 3 | 2 |
| 21–8270 | Pin–Dowel | 26 | 3 | 2 |
| 21–8360 | Clip–Retaining | 28 | 10 | 2 |
| 21–8390 | Cup–Bearing | 27 | 24 | 1 |
| 21–9260 | Seal–Shaft | 4 | 27 | 1 |
| 21–9370 | Screw–Adjusting | 28 | 7 | 2 |
| 21–9380 | Nut–Pivot | 28 | 8 | 2 |
| 21–9390 | Socket–Adjusting Screw | 28 | 6 | 2 |
| 21–9420 | Spring–Shoe Return, LH | 28 | 17 | 2 |
| 21–9430 | Spring–Shoe Return, RH | 28 | 18 | 2 |
| 21–9440 | Spring–Adjusting Screw | 28 | 14 | 2 |
| 21–9450 | Shield–Dust | 28 | 4 | 2 |
| 21–9460 | Retainer–Brake, Parking | 28 | 15 | 4 |
| 23–2270 | Bushing–Rubber | 30 | 26 | 1 |
| 23–7270 | Nut–Lug | 24 | 2 | 10 |
| 24–0760 | Exchanger–Heat | 33 | 45 | 1 |
| 24–8790 | Gear–Bevel, Differential | 26 | 5 | 2 |
| 24–8840 | Ring–Bearing, Wheel | 28 | 22 | 2 |
| 24–9180 | Lever, Brake, Parking | 28 | 19 | 2 |
| 25–8640 | Screw–HH | 7 | 25 | 2 |
| 27–2360 | Asm–Ignition Switch | 11 | 19 | 1 |
| 27–3710 | Dipstick–Axle | 25 | 48 | 1 |
| 27–6852 | Shaft–Axle, Flanged RH | 28 | * | 1 |
| 27–6862 | Shaft–Axle, Flanged LH | 28 | 1 | 1 |
| 28–0670 | Seal–Oil | 28 | 13 | 2 |
| 28–0680 | Drum–Brake | 28 | 11 | 2 |
| 28–1280 | Boot–Cable | 65 | 44 | 1 |
| 29–6162 | Switch–Neutral | 30 | 6 | 1 |
| 38–3400 | Guard–Rubber | 18 | 8 | 2 |
| 42–6080 | Shim–Axle | 24 | 43 | A/R |
| 42–9560 | Stud | 35 | 28 | 4 |
| 42–9600 | Washer–Lock | 35 | 17 | 2 |
| 42–9600 | Washer–Lock | 36 | 32 | 14 |
| 42–9850 | Washer–Lock | 35 | 12 | 9 |
| 42–9850 | Washer–Lock | 36 | 23 | 2 |
| 43–0090 | Screw–HH | 35 | 16 | 2 |
| 43–0090 | Screw–HH | 36 | 31 | 14 |
| 43–5930 | Washer–Lock | 36 | 21 | 1 |
| 43–6710 | Diff. Adjust. Shim .003 | 26 | 15 | A/R |
| 43–6711 | Diff. Adjust. Shim .005 | 26 | 16 | A/R |
| 43–6712 | Diff. Adjust. Shim .010 | 26 | 17 | A/R |
| 43–6713 | Diff. Adjust. Shim .030 | 26 | 18 | A/R |
| 43–6750 | Cup–Bearing, Tapered | 26 | 10 | 1 |
| 43–6760 | Cone–Bearing, tapered | 26 | 9 | 1 |
| 43–6810 | Spider–Torque | 28 | 5 | 2 |
| 44–2210 | Asm–Lights, Warning | 4 | 32 | 1 |
| 46–6550 | Connector–Fuel, Elbow 90˚ | 22 | 19 | 1 |
| 46–6560 | Grommet | 22 | 20 | 2 |
| 46–8091 | Screw–HH | 1 | 7 | 4 |
| 47–0110 | Spacer–Spindle | 36 | 6 | 1 |
| 48–7430 | Pre–Cleaner | 65 | 4 | 1 |
| 48–7890 | Nut–Hex. | 36 | 22 | 1 |
| 49–6440 | Plate–Traction Pedal | 6 | 11 | 1 |
| 57–6390 | Nut–Lock | 36 | 24 | 1 |
| 61–2790 | Screen–Filler | 14 | 3 | 1 |
| 62–5550 | Decal–TORO | 1 | 1 | 1 |
| 62–5550 | Decal–Toro | 65 | 7 | 1 |
| 62–7400 | Decal–TORO | 1 | 16 | 1 |
| 62–7650 | Gasket–Sending Unit | 22 | 6 | 1 |
| 63–6890 | Hinge–Hood RH | 1 | 17 | 1 |
| 63–6900 | Hinge–Hood LH | 1 | 17 | 1 |
| 63–7590 | Relay–Starter | 33 | 42 | 1 |
| 63–7610 | Hose–Fuel | 22 | 5 | 1 |
| 63–7640 | Unit–Sending | 22 | 7 | 1 |
| 63–7732 | Cable–Brake RH | 6 | * | 1 |
| 63–7733 | Cable–Brake LH | 6 | 29 | 1 |
| 63–7880 | Pin–Brake Latch | 6 | 28 | 1 |
| 63–7900 | Rack–Parking Brake | 4 | 20 | 1 |
| 63–8140 | Pulley–Idler | 36 | 46 | 1 |
| 63–8360 | Key–Ignition | 11 | 9 | 1 |
| 63–8410 | Washer–Flat | 22 | 24 | 3 |
| 63–8410 | Washer–Flat | 14 | 37 | 3 |
| 63–9920 | Decal–EEC 105 | 7 | 46 | 1 |
| 65–5100 | Handle | 1 | 5 | 2 |
| 66–2490 | Clamp–Battery | 65 | 17 | 1 |
| 66–2920 | Washer–Friction | 7 | 32 | 2 |
| 66–2920 | Washer–Nylon | 12 | 50 | 3 |
| 66–2920 | Washer–Nylon | 2 | 50 | 4 |
| 66–2990 | Cap–Spindle | 69 | 51 | 2 |
| 66–3180 | Tube–Vent | 33 | 26 | 1 |
| 66–3240 | Cap–Radiator | 33 | 13 | 1 |
| 66–4190 | Spring | 7 | 37 | 1 |
| 66–6480 | Washer–Flat | 24 | 44 | 4 |
| 66–8121 | Standpipe–Elbow 90˚ | 22 | 18 | 1 |
| 66–8520 | Bumper–Down–stop | 8 | 17 | 2 |
| 66–8530 | Adjuster | 8 | 16 | 1 |
| 66–8560 | Nut–Push | 8 | 11 | 4 |
| 66–8610 | Weldment–Lower | 8 | 10 | 1 |
| 66–8800 | Relay–Glow Plug | 34 | 56 | 1 |
| 66–9290 | Spacer | 8 | 15 | 6 |
| 66–9770 | Seal | 5 | 28 | 1 |
| 66–9780 | Bushing | 5 | 29 | 1 |
| 66–9860 | Upper Cover & Jacket | 5 | 37 | 1 |
| 66–9870 | Plate–Retaining | 5 | 38 | 1 |
| 66–9880 | Washer–Retaining Plate | 5 | 39 | 1 |
| 66–9890 | Ring–Retaining | 5 | 40 | 1 |
| 66–9900 | Shaft–Input | 5 | 41 | 1 |
| 66–9970 | Kit–Spring | 5 | * | 1 |
| 66–9980 | Kit–Seal | 5 | * | 1 |
| 66–9990 | Kit–Needle Roller | 5 | * | 1 |
| 67–1630 | Spacer–Fan | 36 | 11 | 1 |
| 67–1750 | Bushing–Sleeve | 71 | 9 | 12 |
| 67–1750 | Bushing–Sleeve | 73 | 27 | 8 |
| 67–1750 | Bushing–Sleeve | 69 | 54 | 4 |
| 67–1751 | Bushing–Sleeve | 68 | 10 | 2 |
| 67–7160 | Block–Fuse | 11 | 21 | 2 |
| 67–7250 | Spacer–Cylinder | 68 | 13 | 1 |
| 67–9410 | Washer–Thrust | 68 | 29 | 2 |
| 68–5140 | Cap–Steering Wheel | 4 | 7 | 1 |
| 68–5370 | Decal–TORO | 4 | 5 | 1 |
| 68–6150 | Breather–Hydraulic Tank | 14 | 2 | 1 |
| 69–8930 | Washer–Flat | 20 | 13 | 8 |
| 69–8960 | Spacer | 20 | 29 | 4 |
| 70–2780 | Piston | 75 | 4 | 1 |
| 70–2780 | Piston | 76 | 4 | 1 |
| 70–2780 | Piston | 78 | 4 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 70−8570 | Breaker−Circuit, 40 Amp | 12 | * | 2 |
| 71−3381 | Hose−Fuel | 65 | 37 | 1 |
| 71−4330 | Seal | 27 | 41 | 1 |
| 71−4350 | Nut | 26 | 20 | 1 |
| 72−3570 | Shim .094−Diff. Adjust. | 26 | 22 | A/R |
| 72−3571 | Shim .096−Diff. Adjust. | 26 | * | A/R |
| 72−3572 | Shim .098−Diff. Adjust. | 26 | * | A/R |
| 72−3573 | Shim .100−Diff. Adjust. | 26 | 22 | A/R |
| 72−3574 | Shim .102−Diff. Adjust. | 26 | * | A/R |
| 72−3575 | Shim .104−Diff. Adjust. | 26 | * | A/R |
| 72−3576 | Shim .106−Diff. Adjust. | 26 | * | A/R |
| 72−3577 | Shim .108−Diff. Adjust. | 26 | * | A/R |
| 72−3578 | Shim .110−Diff. Adjust. | 26 | * | A/R |
| 72−3580 | Shim .112−Diff. Adjust. | 26 | * | A/R |
| 72−3581 | Shim .114−Diff. Adjust. | 26 | * | A/R |
| 72−3582 | Shim .116−Diff. Adjust. | 26 | * | A/R |
| 72−3583 | Shim .118−Diff. Adjust. | 26 | * | A/R |
| 72−3584 | Shim .120−Diff. Adjust. | 26 | * | A/R |
| 72−3585 | Shim .125−Diff. Adjust. | 26 | * | A/R |
| 72−3586 | Shim .127−Diff. Adjust. | 26 | * | A/R |
| 72−3587 | Shim .129−Diff. Adjust. | 26 | * | A/R |
| 72−3588 | Shim .131−Diff. Adjust. | 26 | * | A/R |
| 72−3590 | Shim .133−Diff. Adjust. | 26 | * | A/R |
| 72−3591 | Shim .135−Diff. Adjust. | 26 | * | A/R |
| 72−3592 | Shim .137−Diff. Adjust. | 26 | * | A/R |
| 72−3593 | Shim .139−Diff. Adjust. | 26 | * | A/R |
| 72−3594 | Shim .141−Diff. Adjust. | 26 | * | A/R |
| 72−3595 | Shim .143−Diff. Adjust. | 26 | * | A/R |
| 72−3596 | Shim .145−Diff. Adjust. | 26 | * | A/R |
| 72−3597 | Shim .147−Diff. Adjust. | 26 | * | A/R |
| 72−3598 | Shim .149−Diff. Adjust. | 26 | * | A/R |
| 72−3600 | Shim .151−Diff. Adjust. | 27 | 22 | A/R |
| 72−9420 | Asm−Vent Tube | 27 | 39 | 1 |
| 74−0720 | Tube−Manual | 7 | 11 | 1 |
| 74−3810 | Asm−Load Plate | 21 | 9 | 1 |
| 74−5520 | Clutch−Fan | 36 | 1 | 1 |
| 74−5950 | Asm−Swell Latch | 11 | 5 | 1 |
| 74−5950 | Asm−Swell Latch | 2 | 44 | 3 |
| 74−9100 | Pad−Forward | 6 | 12 | 1 |
| 74−9110 | Pad−Reverse | 6 | 14 | 1 |
| 75−0012 | Asm−Transmission | 24 | 34 | 1 |
| 75−0020 | Housing | 29 | 5 | 1 |
| 75−0030 | Gasket−Housing | 29 | 46 | 1 |
| 75−0040 | Center Section | 29 | 18 | 1 |
| 75−0060 | Plug | 29 | 20 | 4 |
| 75−0070 | Plug | 29 | 41 | 1 |
| 75−0090 | Screw−HH | 29 | 9 | 8 |
| 75−0110 | Screw−HH | 29 | 35 | 2 |
| 75−0120 | Screw−HH | 29 | 28 | 1 |
| 75−0130 | Screw−HH | 29 | 24 | 3 |
| 75−0140 | Spring−Conical | 29 | 26 | 1 |
| 75−0150 | Guide−Seal | 29 | 2 | 1 |
| 75−0160 | Plug−Pipe | 29 | 47 | 1 |
| 75−0170 | Plug−Straight Thread | 29 | 19 | 4 |
| 75−0180 | Screw−HH | 29 | 36 | 2 |
| 75−0190 | Plug−Special | 29 | 27 | 2 |
| 75−0200 | Plug−Straight Thread | 29 | 38 | 2 |
| 75−0210 | O−Ring | 29 | 6 | 2 |
| 75−0220 | Pin | 29 | 48 | 2 |
| 75−0230 | Seal−Lip | 29 | 8 | 1 |
| 75−0240 | O−Ring | 29 | 21 | 6 |
| 75−0250 | Pin−Slotted | 29 | 54 | 1 |
| 75−0260 | Valve−Relief | 29 | 23 | 4 |
| 75−0270 | Spring | 29 | 39 | 1 |
| 75−0280 | Spring | 29 | 42 | 1 |
| 75−0290 | Spring | 29 | 22 | 2 |
| 75−0310 | Shim | 29 | 40 | 1 |
| 75−0320 | Nipple | 29 | 37 | 1 |
| 75−0330 | Seal−Lip | 29 | 34 | 1 |
| 75−0340 | Bearing−Needle | 29 | 33 | 1 |
| 75−0350 | Pin | 29 | 31 | 1 |
| 75−0360 | Gerotor | 29 | 30 | 1 |
| 75−0370 | O−Ring | 29 | 29 | 1 |
| 75−0380 | Plate−Valve | 29 | 15 | 1 |
| 75−0390 | Plate−Swash | 29 | 12 | 1 |
| 75−0400 | Plate−Thrust | 29 | 13 | 2 |
| 75−0410 | O−Ring | 29 | 3 | 1 |
| 75−0430 | Ring−Retaining | 29 | 1 | 1 |
| 75−0440 | Shaft−Motor | 29 | 45 | 1 |
| 75−0450 | Collar | 29 | 50 | 1 |
| 75−0460 | Bearing−Ball | 29 | 51 | 2 |
| 75−0470 | Kit−Cylinder Block | 29 | 14 | 2 |
| 75−0480 | Pin | 29 | 10 | 2 |
| 75−0500 | Bearing−Needle | 29 | 16 | 2 |
| 75−0510 | Pin | 29 | 17 | 1 |
| 75−0520 | Bearing−Ball | 29 | 4 | 1 |
| 75−0550 | Strainer−Suction | 14 | 29 | 1 |
| 75−0560 | Asm−Steering Wheel | 4 | 4 | 1 |
| 75−0570 | Cable−Hood | 1 | 21 | 1 |
| 75−0600 | Asm−Steering Valve | 4 | 26 | 1 |
| 75−0610 | Tread−Foot RH | 2 | * | 1 |
| 75−0620 | Tread−Foot LH | 2 | 39 | 1 |
| 75−0630 | Tread−Foot Center | 2 | 37 | 1 |
| 75−0640 | Tread−Footrest RH | 2 | * | 1 |
| 75−0650 | Tread−Footrest LH | 2 | 35 | 1 |
| 75−0721 | Housing−Lower | 27 | 34 | 1 |
| 75−0920 | Cartridge−Relief 3000 psi | 17 | 13 | 1 |
| 75−0930 | Hook−Oil Cooler | 33 | 6 | 4 |
| 75−1040 | Cooler−Oil | 34 | 52 | 1 |
| 75−1180 | Manifold | 19 | 7 | 2 |
| 75−1180 | Manifold−Hydraulic | 18 | 23 | 1 |
| 75−1200 | Asm−Hydraulic Cylinder | 69 | 47 | 1 |
| 75−1210 | Nut−Lock | 70 | 2 | 1 |
| 75−1220 | Piston | 70 | 3 | 1 |
| 75−1230 | Asm−Piston Rod | 70 | 5 | 1 |
| 75−1250 | Seal Kit | 70 | 6 | 1 |
| 75−1260 | Head−Internal | 70 | 4 | 1 |
| 75−1300 | Asm−Hydraulic Filter Head | 14 | 31 | 1 |
| 75−1310 | Element−Hydraulic Filter | 14 | 34 | 1 |
| 75−1330 | Filter−Oil | 24 | 31 | 1 |
| 75−1340 | Valve−Power Steering | 5 | * | 1 |
| 75−1390 | Panel−Access | 2 | 38 | 1 |
| 75−1410 | Panel−Floor | 2 | 36 | 1 |
| 75−1420 | Cover−Steering Tower | 1 | 2 | 1 |
| 75−1430 | Asm−Brake Pedal RH | 6 | 35 | 1 |
| 75−1440 | Pedal−Brake LH | 6 | 33 | 1 |
| 75−1470 | Shaft−Brake Pedal | 6 | 36 | 1 |
| 75−1490 | Rod−Parking Brake | 4 | 13 | 1 |
| 75−2010 | Cartridge−Relief 2000 psi | 17 | 14 | 1 |
| 75−2120 | Shaft and Tube | 78 | 12 | 1 |
| 75−2170 | Tube−Pump Control | 6 | 37 | 1 |
| 75−2810 | Clamp−Steering Valve | 4 | 3 | 1 |
| 75−2851 | Hose−Expansion Tank | 33 | 16 | 1 |
| 75−2900 | Asm−Rear Axle | 69 | 45 | 1 |
| 75−2970 | Pedal−Traction | 6 | 13 | 1 |
| 75−3000 | Asm−Seat Suspension | 7 | 39 | 1 |
| 75−3010 | Joint−Arm | 73 | 41 | 2 |
| 75−3010 | Joint−Arm | 72 | 54 | 3 |
| 75−3110 | Collar−Transmission | 24 | 14 | 1 |
| 75−3130 | Rod−Tie | 68 | 37 | 2 |
| 75−3270 | Lever−Traction Pivot | 6 | 8 | 1 |
| 75−3390 | Bracket−Backlap | 34 | 55 | 1 |
| 75−3400 | Shaft−Seat Pivot | 7 | 15 | 1 |
| 75−3430 | Rod−Throttle | 7 | 33 | 1 |
| 75−3480 | Weldment−Upper | 8 | 23 | 1 |
| 75−3510 | Bolt−Shoulder | 8 | 26 | 2 |
| 75−3530 | Spring−Compression | 8 | 3 | 1 |
| 75−3540 | Pin−Roll | 8 | 6 | 1 |
| 75−3550 | Bumper−Seat | 8 | 7 | 2 |
| 75−3580 | Plate−Mounting, Seat | 8 | 2 | 1 |
| 75−3680 | Rod−Seat | 7 | 20 | 1 |
| 75−3780 | Fan | 36 | 2 | 1 |
| 75−3790 | Shaft and Tube | 75 | 12 | 1 |
| 75−3790 | Shaft and Tube | 76 | 12 | 1 |

*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 75–3810 | Bracket–Roller | 73 | 15 | 2 |
| 75–3860 | Fender–LH | 1 | 29 | 1 |
| 75–4080 | Plate–Traction | 30 | 15 | 1 |
| 75–4100 | Control–Pump | 30 | 25 | 1 |
| 75–4130 | Plate–Switch | 30 | 7 | 1 |
| 75–4180 | Pin–Rear Axle Pivot | 69 | 44 | 1 |
| 75–4360 | Bracket–Switch | 7 | 8 | 1 |
| 75–4370 | Bracket–Switch (Seat) | 7 | 3 | 1 |
| 75–4400 | Adaptor–Transmission | 31 | 8 | 1 |
| 75–4410 | Asm–Pivot Plate | 68 | 42 | 1 |
| 75–4450 | Hub–Fan Drive | 36 | 9 | 1 |
| 75–4520 | Spring–Torsion RH | 73 | 37 | 1 |
| 75–4530 | Spring–Torsion LH | 73 | * | 1 |
| 75–4550 | Shaft–Center Arm Pivot | 71 | 27 | 1 |
| 75–4590 | Rod–Pivot | 73 | 34 | 2 |
| 75–4700 | Hose–Fuel | 22 | 12 | 1 |
| 75–4701 | Hose–Fuel Vent | 33 | 28 | 1 |
| 75–4720 | Fitting–Hydraulic 90° | 24 | 26 | 1 |
| 75–5200 | Bracket–Spring RH | 71 | * | 1 |
| 75–5210 | Bracket–Spring Center | 71 | 16 | 1 |
| 75–5220 | Bracket–Spring LH | 71 | * | 1 |
| 75–5310 | Spacer–Bearing | 36 | 8 | 1 |
| 75–5350 | Pin–Cylinder Rod End | 73 | 23 | 2 |
| 75–5350 | Pin–Cylinder Rod End | 71 | 31 | 3 |
| 75–5360 | Pin–Cylinder Cap End | 74 | 49 | 2 |
| 75–5390 | Roller | 73 | 20 | 2 |
| 75–5400 | Shaft–Roller | 73 | 19 | 2 |
| 75–5410 | Bracket–Arm | 72 | 53 | 2 |
| 75–5470 | Spacer | 30 | 12 | 2 |
| 75–5720 | Hose–Hydraulic | 14 | 19 | 1 |
| 75–5740 | Box–Control | 11 | 24 | 1 |
| 75–5780 | Hinge–Cover | 2 | 51 | 1 |
| 75–5780 | Hinge–Cover | 12 | 59 | 1 |
| 75–5810 | Tool Box | 1 | 26 | 1 |
| 75–5890 | Hose–Hydraulic | 18 | 10 | 1 |
| 75–5890 | Hose–Hydraulic | 71 | 28 | 2 |
| 75–5890 | Hose–Hydraulic | 16 | 35 | 1 |
| 75–5900 | Hose–Hydraulic | 16 | 30 | 1 |
| 75–5900 | Hose–Hydraulic | 72 | 47 | 1 |
| 75–5910 | Hose–Hydraulic | 18 | 11 | 1 |
| 75–5910 | Hose–Hydraulic | 72 | 60 | 1 |
| 75–5940 | Hose–Hydraulic | 18 | 9 | 1 |
| 75–5940 | Hose–Hydraulic AUX | 4 | 23 | 1 |
| 75–6070 | Hose–Hydraulic | 19 | 15 | 1 |
| 75–6070 | Hose–Hydraulic (Cap) | 73 | 11 | 1 |
| 75–6080 | Hose–Hydraulic | 19 | 14 | 1 |
| 75–6080 | Hose–Hydraulic LH (Rod) | 73 | * | 1 |
| 75–6130 | Hose–Hydraulic | 14 | 9 | 1 |
| 75–6180 | Hose–Hydraulic | 19 | 1 | 2 |
| 75–6180 | Hose–Hydraulic RH (Rod) | 73 | 21 | 2 |
| 75–6230 | Hose–Hydraulic | 68 | 34 | 1 |
| 75–6230 | Hose–Hydraulic | 69 | 50 | 1 |
| 75–6230 | Hose–Hydraulic RT | 4 | 18 | 2 |
| 75–6240 | Hose–Hydraulic | 31 | 14 | 1 |
| 75–6240 | Hose–Hydraulic IN | 4 | 19 | 1 |
| 75–6250 | Hose–Hydraulic | 14 | 17 | 1 |
| 75–6250 | Hose–Hydraulic OUT | 4 | 25 | 1 |
| 75–6260 | Cover–Tool Box | 2 | 47 | 1 |
| 75–6270 | Cover–Control Box | 11 | 15 | 1 |
| 75–6340 | Strainer–In–Line | 24 | 41 | 1 |
| 75–6350 | Hose | 24 | 28 | 1 |
| 75–6370 | Cover–Sensor | 72 | 49 | 1 |
| 75–6380 | Shaft–Fan | 36 | 3 | 1 |
| 75–6490 | Lever–Pedal Stop | 6 | 20 | 1 |
| 75–6510 | Lever–Bracket | 6 | 16 | 1 |
| 75–6550 | Disc–Friction | 6 | 17 | 1 |
| 75–6580 | Cable–Pedal | 6 | 7 | 1 |
| 75–6640 | Fitting–Hydraulic 90° | 16 | 20 | 2 |
| 75–6680 | Bar–Weight | 65 | 8 | 1 |
| 75–6720 | Plate–Locating | 17 | 29 | 2 |
| 75–6730 | Plate–Detent | 17 | 27 | 2 |
| 75–6770 | Nut–Jam | 17 | 25 | 4 |
| 75–6820 | Meter–Hour | 11 | 47 | 1 |
| 75–6840 | Knob–Knurled | 2 | 42 | 3 |
| 75–6850 | Tube–Oil Fill | 24 | 47 | 1 |
| 75–6870 | Hose–Hydraulic Suction | 14 | 28 | 1 |
| 75–6870 | Hose–Suction | 31 | 1 | 1 |
| 75–6880 | Screen–Spark Arrester | 35 | * | 1 |
| 75–6930 | Valve–SCR | 29 | 52 | 1 |
| 76–1910 | Shaft–Pivot | 8 | 12 | 2 |
| 76–1920 | Bushing–Sleeve | 8 | 9 | 4 |
| 76–1930 | Knob–Tension Adjustment | 8 | 19 | 1 |
| 76–1940 | Spring–Extension | 8 | 14 | 2 |
| 76–2940 | Bumper–Rubber | 8 | 8 | 2 |
| 76–2970 | Bushing–Sleeve | 68 | 43 | 2 |
| 76–2980 | Washer–Thrust | 68 | 41 | 1 |
| 76–8640 | Stud–Traction | 30 | 23 | 1 |
| 76–8730 | Decal–Bolt Torque | 24 | 1 | 2 |
| 76–9430 | Spring–Extension | 30 | 8 | 1 |
| 77–2870 | Weldment–Hanger | 8 | 18 | 1 |
| 80–4860 | Pin–Clevis | 8 | 1 | 1 |
| 82–6490 | Hose–Hydraulic | 72 | 65 | 1 |
| 82–8170 | Clamp | 20 | 35 | 4 |
| 82–8170 | Clamp | 74 | 57 | 2 |
| 82–8170 | Clamp–Hose | 71 | 8 | 8 |
| 82–8170 | Clamp–Rubber | 18 | 20 | 4 |
| 82–8520 | Detent ASM Kit | 17 | * | 2 |
| 82–9060 | Adjuster W/Handle | 8 | 13 | 1 |
| 83–1030 | Mount–Engine | 36 | 37 | 4 |
| 83–1050 | Washer–Mount, Engine | 36 | 36 | 4 |
| 83–4780 | Housing–Charge Pump | 29 | 32 | 1 |
| 83–4910 | Coupler–Pinion | 27 | 40 | 1 |
| 83–5130 | Spacer–Pinion | 26 | 21 | 1 |
| 83–5170 | Stop–Reel LH | 74 | * | 1 |
| 83–6780 | Pin–Cylinder (Long) | 72 | 61 | 2 |
| 83–6790 | Pin–Cylinder (Short) | 71 | 43 | 1 |
| 83–7410 | Roll–Bar | 79 | 1 | 1 |
| 83–7430 | Decal–Danger | 79 | 3 | 1 |
| 84–1710 | Piston | 77 | 4 | 1 |
| 84–1740 | Shaft and Tube | 77 | 12 | 1 |
| 84–1760 | Seal Repair Kit | 77 | * | 1 |
| 84–4300 | Decal–Danger (Japan) | 79 | 3 | 1 |
| 84–8320 | Insert–Hinge | 71 | 10 | 4 |
| 84–8590 | Asm–Shoe & Lining | 28 | 16 | 4 |
| 84–8600 | Set of Lined Brake Shoes | 28 | * | 1 |
| 85–4330 | Cover–Gear | 24 | 9 | 1 |
| 85–4340 | Plate–Sensor Mounting | 24 | 11 | 1 |
| 85–4350 | Sensor–Gear Tooth | 24 | 5 | 1 |
| 85–4420 | Gauge–Speedometer | 11 | 2 | 1 |
| 85–4491 | Lamp–Diagnostic | 12 | 57 | 1 |
| 85–4650 | Connector–Loop Back | 12 | * | 1 |
| 85–4750 | Display–Diagnostic–ACE | 9 | 2 | 1 |
| 85–9900 | Plate–Spring Anchor | 30 | 16 | 1 |
| 85–9910 | Eyebolt | 30 | 27 | 1 |
| 85–9980 | Decal–R.O.P.S. | 79 | 2 | 1 |
| 86–7220 | Gear–Pinion | 24 | 37 | 1 |
| 86–7230 | Gear–Spur | 26 | 14 | 1 |
| 86–7330 | Seal Repair Kit | 75 | * | 1 |
| 86–7330 | Seal Repair Kit | 76 | * | 1 |
| 86–7330 | Seal Repair Kit | 78 | * | 1 |
| 86–7520 | Asm–Trunnion Cover RH | 29 | 7 | 1 |
| 86–7530 | Asm–Trunnion Cover LH | 29 | 49 | 1 |
| 86–7540 | Shaft–Pump | 29 | 11 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 86–7550 | Connector–Cover (2 Way) | 12 | * | 2 |
| 86–7560 | Connector–Cover (3 Way) | 12 | * | 3 |
| 86–9190 | Hose–Hydraulic | 16 | 14 | 2 |
| 87–5100 | Washer–Snubbing | 36 | 29 | 4 |
| 88–6960 | Cartridge–4W/2P S7, S8, S9 | 17 | 19 | 3 |
| 88–7020 | Cartridge–N.O. S1, S2 | 17 | 3 | 2 |
| 88–9190 | Solenoid–20 Watt | 17 | 4 | 6 |
| 88–9200 | Solenoid–28 Watt | 17 | 8 | 3 |
| 92–1180 | Asm–Seat | 7 | 45 | 1 |
| 92–1773 | Screw–HH | 26 | 11 | 4 |
| 92–2379 | Clamp | 22 | 35 | 2 |
| 92–2379 | Clamp–Hose | 33 | 14 | 1 |
| 92–2379 | Clamp–Hose | 65 | 29 | 1 |
| 92–2581 | Asm–Switch Arm | 30 | 21 | 1 |
| 92–4808 | Sleeve–Trans. Pilot | 24 | 15 | 1 |
| 92–4846 | Asm–Trans. Support | 24 | 39 | 1 |
| 92–4999 | Fitting–Hydraulic 90° | 34 | 51 | 2 |
| 92–5524 | Decal–Noise Rating, 90 | 7 | 47 | 1 |
| 92–5720 | Controller–Electronic | 11 | 31 | 1 |
| 92–5751 | Decal–Hood Trim LH | 1 | 23 | 1 |
| 92–5752 | Decal–Hood Trim RH | 1 | * | 1 |
| 92–5797 | Gasket–Axle | 24 | 10 | 1 |
| 92–6315 | Cartridge–N.C. S6 | 17 | 22 | 1 |
| 92–6533 | Kit–Cushion, Replacement | 7 | 44 | 1 |
| 92–6534 | Shell–Seat | 7 | 43 | 1 |
| 92–8001 | Sensor–Reed Switch | 7 | 6 | 1 |
| 92–8002 | Sensor–Reed Switch | 71 | 12 | 1 |
| 92–8020 | Adapter–Breather | 14 | 26 | 3 |
| 92–8753 | Magnet–Reed Switch | 7 | 5 | 1 |
| 92–8754 | Actuator–Reed Switch | 72 | 51 | 1 |
| 92–8775 | Kit–Gasket, Liquid | 28 | * | 1 |
| 92–8795 | Asm–Body | 21 | 10 | 1 |
| 92–8796 | Pin–Dowel | 21 | 14 | 2 |
| 92–8863 | Kit–Repair | 21 | * | 1 |
| 92–9096 | Asm–Hose | 15 | 46 | 1 |
| 92–9096 | Hose–Hydraulic | 18 | 22 | 1 |
| 92–9097 | Set Screw | 73 | 43 | 2 |
| 92–9097 | Set Screw | 72 | 69 | 3 |
| 92–9098 | Manifold–Tank | 14 | 14 | 1 |
| 93–0005 | Strip–Foam, Top | 33 | 11 | 1 |
| 93–0021 | Asm–Throttle Cable Swivel | 7 | 26 | 1 |
| 93–0025 | Shield–Radiator | 33 | 33 | 1 |
| 93–0030 | Asm–Cooler Mount RH | 33 | 9 | 1 |
| 93–0032 | Housing–Front Screen | 33 | 2 | 1 |
| 93–0064 | Support–Rear Axle | 68 | 4 | 1 |
| 93–0069 | Pin–Pivot | 74 | 52 | 2 |
| 93–0071 | Asm–Cooler Mount LH | 33 | * | 1 |
| 93–0075 | Hose–Hydraulic | 24 | 30 | 1 |
| 93–0075 | Hose–Trans. to Cooler | 34 | * | 1 |
| 93–0076 | Hose–Hydraulic | 24 | 21 | 1 |
| 93–0076 | Hose–Trans. to Cooler | 34 | 46 | 1 |
| 93–0077 | Hose–Cooler, RH | 34 | 49 | 1 |
| 93–0077 | Hose–Hydraulic | 14 | 30 | 1 |
| 93–0078 | Hose–Cooler, LH | 34 | * | 1 |
| 93–0078 | Hose–Hydraulic | 16 | 21 | 1 |
| 93–0081 | Strip–Seal | 1 | 9 | 1 |
| 93–0082 | Grommet | 34 | 58 | 2 |
| 93–0083 | Plate–Valve | 29 | 44 | 1 |
| 93–0089 | Bracket–Mount LH, Cooler | 33 | *4 | 1 |
| 93–0090 | Bracket–Mount RH, Cooler | 33 | 4 | 1 |
| 93–0095 | Bracket–Eng. Front | 37 | 59 | 2 |
| 93–0097 | Valve–SCR | 29 | 25 | 1 |
| 93–0118 | Hose–Hydraulic | 19 | 9 | 2 |
| 93–0118 | Hose–Hydraulic | 18 | 12 | 1 |
| 93–0118 | Hose–Hydraulic | 16 | 33 | 1 |
| 93–0119 | Hose–Hydraulic | 18 | 13 | 1 |
| 93–0119 | Hose–Hydraulic | 14 | 21 | 1 |
| 93–0139 | Manifold–Hydraulic | 18 | 17 | 1 |
| 93–0140 | Grommet | 7 | 10 | 1 |
| 93–0142 | Bushing–Straight | 73 | 36 | 2 |
| 93–0143 | Cartridge–Relief 250 psi | 18 | 18 | 1 |
| 93–0307 | Retainer | 69 | 53 | 2 |
| 93–0309 | Washer–Tab | 68 | 22 | 2 |
| 93–1374 | Latch–Swell | 33 | 1 | 2 |
| 93–1375 | Motor–Hydraulic | 20 | 21 | 5 |
| 93–1396 | Coupler–Trans. | 31 | 7 | 1 |
| 93–2042 | Hose–Fuel | 22 | 10 | 1 |
| 93–3102 | Cap–Fuel Tank | 22 | 21 | 1 |
| 93–3163 | Spring | 8 | 28 | 2 |
| 93–3164 | Cap | 8 | 27 | 2 |
| 93–3165 | Bracket | 8 | 29 | 1 |
| 93–3604 | Gasket | 31 | 6 | 1 |
| 93–3609 | Bolt–Special | 5 | 36 | 4 |
| 93–3614 | Asm–Cover | 21 | 4 | 1 |
| 93–3615 | Asm–Drive Shaft | 21 | 7 | 1 |
| 93–3616 | Asm–Idler Gear | 21 | 6 | 1 |
| 93–3617 | Asm–Differential | 27 | * | 1 |
| 93–3618 | Asm–Gear & Pinion | 27 | * | 1 |
| 93–3619 | Upper Housing | 27 | 26 | 1 |
| 93–3623 | Strip–Sealing, Radiator | 34 | 61 | 2 |
| 93–3624 | Plate–Retaining | 34 | 62 | 2 |
| 93–3625 | Spring–Joystick Return | 12 | 58 | 1 |
| 93–3626 | Bracket–Hose | 2 | 41 | 1 |
| 93–3640 | Stop–Reel RH | 74 | 56 | 1 |
| 93–3642 | Tube–Hydraulic | 31 | 13 | 1 |
| 93–3642 | Tube–Hydraulic | 16 | 38 | 1 |
| 93–3643 | Tube–Hydraulic | 31 | 12 | 1 |
| 93–3643 | Tube–Hydraulic | 16 | 39 | 1 |
| 93–4268 | Kit–Flange | 32 | * | 1 |
| 93–4277 | Kit–Valve | 32 | 19 | 1 |
| 93–4278 | Pin–Dowel | 32 | 4 | 4 |
| 93–4279 | Plate–Distance | 32 | 13 | 2 |
| 93–4280 | Coupling | 32 | 9 | 2 |
| 93–4281 | Pin–Dowel | 32 | 22 | 4 |
| 93–4282 | Block–Valve | 32 | 18 | 1 |
| 93–4283 | Bolt | 32 | 17 | 4 |
| 93–6668 | Decal–Battery | 65 | 19 | 1 |
| 93–6682 | Panel–Tower | 4 | 10 | 1 |
| 93–6684 | Decal–Backlap | 34 | 53 | 1 |
| 93–6686 | Decal–Hyd. Oil | 1 | 4 | 1 |
| 93–6686 | Decal–Oil | 18 | 7 | 1 |
| 93–6687 | Decal–No Step | 72 | 62 | 2 |
| 93–6688 | Decal–Hands/Feet | 72 | * | 3 |
| 93–6688 | Decal–Hands/Feet | 74 | * | 2 |
| 93–6689 | Decal–No Riders | 2 | 32 | 2 |
| 93–6691 | Decal–Bolt | 24 | 17 | 1 |
| 93–6692 | Decal–Starting Fluid | 65 | 3 | 1 |
| 93–6693 | Decal–Floor Plate | 18 | 6 | 1 |
| 93–6696 | Decal–Warning | 71 | 33 | 3 |
| 93–6696 | Decal–Warning | 74 | 45 | 2 |
| 93–6698 | Decal–Warning | 1 | 24 | 1 |
| 93–6699 | Decal–Fast/Slow | 6 | 18 | 1 |
| 93–7000 | Spindle–Rear RH | 68 | * | 1 |
| 93–7001 | Spindle–Rear LH | 68 | 15 | 1 |
| 93–7276 | Decal–Danger | 65 | 20 | 1 |
| 93–7480 | Bulb–LED | 4 | 35 | 1 |
| 93–7488 | Reservoir–Hydraulic | 14 | 1 | 1 |
| 93–7498 | Plug–Plastic | 14 | 6 | 1 |
| 93–7499 | Gasket–Flange | 14 | 5 | 1 |
| 93–7557 | Asm–Barrel | 78 | 1 | 1 |
| 93–7558 | Asm–Barrel | 77 | 1 | 1 |
| 93–7579 | Fender–RH | 1 | 3 | 1 |
| 93–7587 | Bracket–Fuse Block | 11 | 23 | 1 |
| 93–7588 | Cover–Tank | 14 | 8 | 1 |
| 93–7840 | Decal–Radiator Cap | 33 | 37 | 1 |
| 93–7960 | Spacer | 18 | 19 | 4 |
| 93–7960 | Spacer | 20 | 34 | 4 |
| 93–7960 | Spacer | 71 | 36 | 6 |
| 93–7960 | Spacer | 74 | 58 | 2 |
| 93–7961 | Clamp | 18 | 28 | 2 |
| 93–7961 | Clamp | 74 | 59 | 1 |
| 93–7961 | Clamp–Case Drain | 20 | 33 | 2 |
| 93–7961 | Clamp–Rubber | 71 | 34 | 3 |
| 93–7990 | Head | 75 | 9 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 93–7990 | Head | 76 | 9 | 1 |
| 93–7991 | Collar | 75 | 11 | 1 |
| 93–7991 | Collar | 76 | 11 | 1 |
| 93–7991 | Collar | 78 | 11 | 1 |
| 93–7994 | Collar | 77 | 11 | 1 |
| 93–8050 | Decal–Danger (Europe) | 79 | 3 | 1 |
| 93–8051 | Decal–Warning | 2 | 48 | 1 |
| 93–8052 | Decal–Instructions | 65 | 40 | 1 |
| 93–8053 | Decal–ECU | 12 | 61 | 1 |
| 93–8060 | Decal–Danger | 7 | 17 | 1 |
| 93–8073 | Decal–R.O.P.S. (Europe) | 79 | 2 | 1 |
| 93–8742 | Pad–Brake | 6 | 26 | 2 |
| 93–8744 | Rivet | 2 | 52 | 3 |
| 93–8744 | Rivet | 12 | 60 | 3 |
| 93–9151 | Fitting–Hydraulic | 20 | 30 | 4 |
| 93–9164 | Indicator–Service | 65 | 24 | 1 |
| 93–9310 | Asm–Hydraulic Cylinder | 72 | 46 | 1 |
| 93–9311 | Asm–Hydraulic Cylinder | 74 | 48 | 2 |
| 93–9312 | Asm–Barrel | 76 | 1 | 1 |
| 93–9313 | Asm–Barrel | 75 | 1 | 1 |
| 94–1414 | Valve–Vacuator | 66 | 4 | 1 |
| 94–1416 | Asm–Adapter, Indicator | 65 | 27 | 1 |
| 94–2685 | Cartridge–N.C. S3, S4, S5 | 17 | 7 | 3 |
| 94–3510 | Asm–Fuel Tank | 22 | 22 | 1 |
| 94–4514 | Bracket–Engine RH Rear | 36 | 26 | 1 |
| 94–4916 | Asm–Hose, Drain | 15 | 48 | 1 |
| 94–4916 | Asm–Hose, Drain, Return | 20 | 26 | 1 |
| 94–4917 | Asm–Tube, Drain #2, 3 | 20 | 24 | 1 |
| 94–4918 | Asm–Tube, Pressure #2, 3 | 20 | 23 | 1 |
| 94–4919 | Bracket–Clamp, Hose | 74 | 51 | 1 |
| 94–4920 | Plate–Mounting Valve | 19 | 16 | 1 |
| 94–5020 | Knob | 17 | 24 | 2 |
| 94–5027 | Spring–Detent | 17 | 31 | 2 |
| 94–5386 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–5438 | Seal–Solenoid | 17 | 23 | 10 |
| 94–5594 | Lift Arm Asm– Rear LH | 74 | 61 | 1 |
| 94–5596 | Lift Arm Asm– Rear RH | 73 | 28 | 1 |
| 94–5598 | Asm–Lift Arm RH | 71 | 1 | 1 |
| 94–5800 | Asm–Lift Arm LH | 71 | 32 | 1 |
| 94–5802 | Asm–Lift Arm, Center | 71 | 40 | 1 |
| 94–5808 | Asm–Carrier Frame | 71 | 44 | 1 |
| 94–6031 | Fitting–Hydraulic | 20 | 25 | 1 |
| 94–6343 | Decal–Wire I.D. | 12 | *70 | 1 |
| 94–6767 | Decal–Fuses | 11 | 27 | 1 |
| 94–6933 | Asm–Front Axle | 24 | 46 | 1 |
| 94–6934 | Screw–HSH | 28 | 21 | 8 |
| 94–6935 | Nut–Lock | 28 | 12 | 8 |
| 94–6936 | Washer–Flat | 28 | 23 | 8 |
| 94–7343 | Base–Battery | 65 | 18 | 1 |
| 94–8060 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8061 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8062 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8063 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8064 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8065 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8066 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8067 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8068 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8069 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8070 | Decal–Turf Defender, Diag. | 9 | 1 | 1 |
| 94–8103 | Screw–HH | 11 | 39 | 4 |
| 94–8104 | Switch–Micro | 11 | 38 | 2 |
| 94–9157 | Fuse–4A | 11 | 20 | 1 |
| 94–9411 | Dipstick | 14 | 4 | 1 |
| 95–0832 | Decal–Service, Blank | 1 | 25 | 1 |
| 95–1821 | Spring–Compression | 4 | 12 | 1 |
| 95–4275 | Hose–Fuel | 65 | 38 | 1 |
| 95–4276 | Hose–Fuel | 22 | 17 | 1 |
| 95–5642 | Kit–Seal | 17 | * | 3 |
| 95–5645 | Kit–Seal | 17 | * | 10 |
| 98–2195 | Asm–Lift Control | 11 | 37 | 1 |
| 98–2350 | Asm–Seat Plate | 7 | 16 | 1 |
| 98–2352 | Frame–Seat | 7 | 28 | 1 |
| 98–2353 | Bracket–Seat Latch | 7 | 36 | 2 |
| 98–2354 | Latch–Seat | 7 | 35 | 1 |
| 98–4507 | Radiator | 33 | 12 | 1 |
| 98–4510 | Hose–Air Cleaner | 65 | 33 | 1 |
| 98–4510 | Hose–Air Cleaner | 37 | 65 | 1 |
| 98–4511 | Hose–Radiator Upper | 33 | 18 | 1 |
| 98–4512 | Hose–Radiator Lower | 33 | 24 | 1 |
| 98–4513 | Bracket–Eng. Left Rear | 37 | 58 | 2 |
| 98–4515 | Bracket–Engine LH Rear | 36 | 25 | 1 |
| 98–4517 | Asm–Air Cleaner | 65 | 2 | 1 |
| 98–4518 | Bracket–Air Cleaner | 65 | 25 | 1 |
| 98–4521 | Decal–Reelmasterr 5200D | 1 | 10 | 2 |
| 98–4525 | Bracket–Mount, Air Cleaner | 65 | 10 | 1 |
| 98–4527 | Pipe–Engine Exhaust | 35 | 10 | 1 |
| 98–4530 | Support–Fan, Engine | 36 | 41 | 1 |
| 98–4536 | Bracket–Spring Rear LH | 73 | * | 1 |
| 98–4539 | Bracket–Engine LH Front | 36 | 39 | 1 |
| 98–4543 | Bracket–Engine Mount RH | 36 | 40 | 1 |
| 98–4547 | Plate–Mount, Fan | 37 | 54 | 1 |
| 98–4548 | Bracket–Spring Rear RH | 73 | 8 | 1 |
| 98–4549 | Asm–Frame | 2 | 43 | 1 |
| 98–4555 | Bracket–Muffler | 35 | 2 | 1 |
| 98–4561 | Shield–Alternator | 37 | 63 | 1 |
| 98–4564 | Guard–Flywheel | 35 | 14 | 1 |
| 98–4571 | Shroud–Fan | 33 | 19 | 1 |
| 98–4572 | Bracket–Hose | 1 | 22 | 1 |
| 98–4573 | Screen–Hood | 1 | 12 | 1 |
| 98–4575 | Bracket–Fan Idler | 36 | 42 | 1 |
| 98–4576 | Bracket–Reservoir, Water | 65 | 22 | 1 |
| 98–4578 | Bracket–Fuel Filter | 65 | 5 | 1 |
| 98–4579 | Asm–Control Manifold | 16 | 6 | 1 |
| 98–4581 | Asm–Hose, Pressure #2 | 20 | 8 | 1 |
| 98–4582 | Asm–Hose, Pressure #2 | 20 | 15 | 1 |
| 98–4583 | Asm–Hose, Drain #2, 3 | 20 | 9 | 2 |
| 98–4584 | Asm–Hose, Drain | 18 | 1 | 1 |
| 98–4584 | Asm–Hose, Drain #5 | 20 | 5 | 1 |
| 98–4585 | Asm–Hose, Pressure #1, 5 | 20 | 1 | 1 |
| 98–4586 | Asm–Hose, Pressure #5 | 16 | 4 | 1 |
| 98–4586 | Asm–Hose, Pressure #5 | 20 | 6 | 1 |
| 98–4587 | Asm–Hose, Drain #4 | 20 | 16 | 1 |
| 98–4587 | Hose Asm–Drain #4 | 18 | 24 | 1 |
| 98–4588 | Asm–Hose, Pressure #1, 4 | 20 | 14 | 1 |
| 98–4589 | Asm–Hose, Pressure #4 | 20 | 17 | 1 |
| 98–4589 | Asm–Hose, Pressure #4 | 16 | 37 | 1 |
| 98–4590 | Asm–Hose, Drain #1 | 20 | 20 | 1 |
| 98–4590 | Hose Asm–Drain #1 | 18 | 25 | 1 |
| 98–4591 | Clamp–Hose LH | 33 | 35 | 1 |
| 98–4592 | Clamp–Hose RH | 33 | * | 1 |
| 98–4593 | Asm–Drive Shaft | 35 | * | 1 |
| 98–4594 | Clamp–Retainer | 37 | 66 | 1 |
| 98–4598 | Cable–Battery (Ground) | 36 | 17 | 1 |
| 98–4599 | Asm–Battery Cable (+) | 65 | 13 | 1 |
| 98–7353 | Head | 78 | 9 | 1 |
| 98–7354 | Head | 77 | 9 | 1 |
| 98–7428 | Gasket | 38 | 2 | 1 |
| 98–7430 | O–Ring | 42 | 1 | 2 |
| 98–7449 | Screw–Set | 45 | 6 | 1 |
| 98–7473 | Ball | 46 | 11 | 3 |
| 98–7487 | Plug | 38 | 18 | 2 |
| 98–7496 | Bolt | 41 | 24 | 3 |
| 98–7507 | Plug | 38 | 3 | 1 |
| 98–7509 | O–Ring | 38 | 9 | 1 |
| 98–7509 | O–Ring | 40 | 12 | 1 |
| 98–7523 | Plug–Drain | 39 | 8 | 1 |
| 98–7524 | Gasket | 39 | 9 | 1 |
| 98–7527 | O–Ring | 39 | 3 | 1 |
| 98–7534 | Nut | 49 | 14 | 1 |
| 98–7539 | Cap–Sealing | 38 | 12 | 1 |
| 98–7540 | Plug | 40 | 11 | 2 |
| 98–7540 | Plug | 38 | 15 | 3 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 98–7547 | O–Ring | 41 | 11 | 2 |
| 98–7562 | Washer–Flat | 41 | 17 | 1 |
| 98–7568 | Bolt | 44 | 5 | 9 |
| 98–7572 | Nut | 41 | 1 | 1 |
| 98–7572 | Nut | 50 | 3 | 2 |
| 98–7572 | Nut | 54 | 7 | 2 |
| 98–7585 | Bolt | 43 | 1 | 1 |
| 98–7601 | Seal–Oil | 54 | 16 | 1 |
| 98–7602 | Pin–Spring | 54 | 4 | 2 |
| 98–7605 | Bolt | 64 | 3 | 3 |
| 98–7605 | Bolt | 48 | 23 | 3 |
| 98–7645 | Bolt | 49 | 11 | 1 |
| 98–7654 | Gasket | 49 | 5 | 2 |
| 98–7654 | Gasket | 55 | 14 | 1 |
| 98–7654 | Gasket | 54 | 19 | 1 |
| 98–7671 | Clip–Pipe | 55 | 7 | 2 |
| 98–7676 | Gasket | 55 | 12 | 3 |
| 98–7677 | Seat–Heat | 55 | 13 | 3 |
| 98–7682 | Clamp–Pipe | 55 | 16 | 2 |
| 98–7683 | Clamp–Pipe | 55 | 2 | 2 |
| 98–7684 | Screw w/washer | 55 | 1 | 2 |
| 98–7692 | Bolt | 57 | 3 | 1 |
| 98–7692 | Bolt | 45 | 8 | 3 |
| 98–7692 | Bolt | 61 | 14 | 3 |
| 98–7692 | Bolt | 54 | 15 | 1 |
| 98–7692 | Bolt | 41 | 27 | 2 |
| 98–7697 | Bolt | 57 | 1 | 1 |
| 98–7697 | Bolt | 59 | 1 | 2 |
| 98–7698 | Washer–Flat | 57 | 2 | 1 |
| 98–7708 | Nut | 58 | 1 | 1 |
| 98–7709 | Collar | 58 | 3 | 1 |
| 98–7710 | Rotor | 58 | 7 | 1 |
| 98–7711 | Cover–Bearing | 58 | 9 | 1 |
| 98–7712 | Bearing–Ball | 58 | 8 | 1 |
| 98–7713 | Washer–Thrust | 58 | 10 | 1 |
| 98–7714 | Frame–Drive End | 58 | 4 | 1 |
| 98–7715 | Plate–Retainer | 58 | 11 | 1 |
| 98–7716 | Screw–RH | 58 | 6 | 4 |
| 98–7717 | Bolt–Through | 58 | 5 | 2 |
| 98–7718 | Bearing–Ball | 58 | 12 | 1 |
| 98–7719 | Frame–End | 58 | 13 | 1 |
| 98–7720 | Cover–End | 58 | 23 | 1 |
| 98–7721 | Asm–Rectifier | 58 | 16 | 1 |
| 98–7722 | Bushing–Insulation | 58 | 17 | 1 |
| 98–7723 | Holder–Brush | 58 | 24 | 1 |
| 98–7724 | Brush | 58 | 26 | 2 |
| 98–7725 | Spring–Brush | 58 | 25 | 2 |
| 98–7726 | Screw–RH | 58 | 20 | 2 |
| 98–7727 | Screw–RH | 58 | 27 | 6 |
| 98–7728 | Screw–RH | 58 | 21 | 1 |
| 98–7729 | Bolt | 58 | 22 | 3 |
| 98–7730 | Nut | 58 | 14 | 2 |
| 98–7731 | Bolt | 58 | 15 | 2 |
| 98–7732 | Nut | 58 | 18 | 1 |
| 98–7733 | Asm–Regulator | 58 | 19 | 1 |
| 98–7737 | Nut | 57 | 23 | 1 |
| 98–7741 | Asm–Yoke | 60 | 5 | 1 |
| 98–7742 | Asm–Armature | 60 | 3 | 1 |
| 98–7743 | Bearing–Ball | 60 | 2 | 1 |
| 98–7744 | Bearing–Ball | 60 | 4 | 1 |
| 98–7749 | Asm–Holder, Brush | 60 | 7 | 1 |
| 98–7750 | Spring–Brush | 60 | 6 | 4 |
| 98–7751 | Gear | 60 | 22 | 1 |
| 98–7752 | Retainer | 60 | 20 | 1 |
| 98–7753 | Roller | 60 | 21 | 5 |
| 98–7754 | Spring | 60 | 15 | 1 |
| 98–7755 | Ball | 60 | 16 | 1 |
| 98–7756 | Bolt | 60 | 18 | 2 |
| 98–7757 | O–Ring | 60 | 24 | 2 |
| 98–7758 | Asm–Bolt | 60 | 10 | 2 |
| 98–7759 | Pipe–Drain | 60 | 26 | 1 |
| 98–7776 | Gasket | 61 | 11 | 1 |
| 98–7777 | Bolt | 61 | 9 | 2 |
| 98–7778 | Asm–Thermostat | 61 | 12 | 1 |
| 98–8068 | Hydraulic Cylinder Asm. | 72 | 67 | 1 |
| 98–8069 | Asm–Hydraulic Cylinder | 71 | 7 | 1 |
| 98–8692 | Roller | 53 | 7 | 2 |
| 98–9302 | Plate–Idler Stop | 7 | 49 | 1 |
| 98–9303 | Cable–Throttle | 7 | 24 | 1 |
| 98–9305 | Filter–Water/Fuel Separator | 65 | 34 | 1 |
| 98–9306 | Cluster–Warning | 11 | 7 | 1 |
| 98–9308 | Gauge–Temperature | 11 | 8 | 1 |
| 98–9309 | Clamp–Muffler | 35 | 9 | 1 |
| 98–9310 | Clamp–Muffler | 35 | 5 | 1 |
| 98–9311 | Swivel–Cable, Throttle | 7 | 50 | 1 |
| 98–9312 | Belt–V | 36 | 44 | 1 |
| 98–9313 | Pulley–Fan | 36 | 5 | 1 |
| 98–9314 | Plug–Hood | 1 | 27 | 1 |
| 98–9315 | Switch–Lock, Hood | 3 | 3 | 1 |
| 98–9315 | Switch–Lock, Hood | 2 | 53 | 1 |
| 98–9316 | Bracket–Latch, Hood | 3 | 8 | 1 |
| 98–9317 | Support–Radiator | 33 | 7 | 1 |
| 98–9319 | Hood | 1 | 8 | 1 |
| 98–9321 | Ring–key | 3 | 1 | 1 |
| 98–9322 | Screw–HH | 36 | 15 | 1 |
| 98–9322 | Screw–HSH | 35 | 26 | 3 |
| 98–9323 | Asm–Expansion Tank | 65 | 43 | 1 |
| 98–9335 | Plate–Caution | 33 | 21 | 1 |
| 98–9338 | Hose–Fuel | 22 | 16 | 1 |
| 98–9339 | Gauge–Fuel | 11 | 1 | 1 |
| 98–9340 | Decal–Service | 1 | 25 | 1 |
| 98–9342 | Decal–Clip (Metric) | 7 | 41 | 1 |
| 98–9343 | Asm–Hose, Hydraulic | 20 | 38 | 1 |
| 98–9344 | Asm–Hose, Hydraulic | 20 | 22 | 1 |
| 98–9346 | Send–Temp | 35 | 27 | 1 |
| 98–9346 | Switch | 61 | 16 | 1 |
| 98–9347 | Asm–Hose, Pressure #3 | 20 | 10 | 1 |
| 98–9347 | Asm–Hose, Pressure #3 | 16 | 27 | 1 |
| 98–9348 | Asm–Hose, Pressure #2 | 16 | 24 | 1 |
| 98–9348 | Asm–Hose, Pressure #2 | 20 | 27 | 1 |
| 98–9350 | Bolt | 48 | 5 | 2 |
| 98–9350 | Bolt | 39 | 6 | 22 |
| 98–9351 | Bolt | 50 | 7 | 2 |
| 98–9351 | Bolt | 45 | 15 | 2 |
| 98–9351 | Bolt | 53 | 15 | 2 |
| 98–9352 | Bolt | 44 | 6 | 8 |
| 98–9353 | Bolt | 64 | 4 | 1 |
| 98–9353 | Bolt | 62 | 8 | 1 |
| 98–9355 | Bolt | 64 | 5 | 2 |
| 98–9355 | Bolt | 41 | 20 | 6 |
| 98–9356 | Bolt | 61 | 15 | 1 |
| 98–9356 | Bolt | 41 | 19 | 2 |
| 98–9357 | Bolt | 62 | 9 | 4 |
| 98–9358 | Bolt | 39 | 1 | 1 |
| 98–9359 | Bolt | 49 | 12 | 1 |
| 98–9360 | Bolt | 57 | 6 | 1 |
| 98–9361 | Bolt | 51 | 4 | 2 |
| 98–9362 | Stud | 41 | 4 | 2 |
| 98–9362 | Stud | 54 | 10 | 2 |
| 98–9363 | Stud | 41 | 3 | 1 |
| 98–9364 | Screw w/washer | 42 | 7 | 2 |
| 98–9365 | Screw–Set | 63 | 7 | 2 |
| 98–9366 | Washer–Flat | 57 | 8 | 1 |
| 98–9367 | Washer–Lock | 41 | 2 | 1 |
| 98–9367 | Washer–Lock | 50 | 2 | 2 |
| 98–9367 | Washer–Lock | 51 | 5 | 4 |
| 98–9367 | Washer–Lock | 54 | 8 | 2 |
| 98–9368 | Washer–Lock | 57 | 7 | 1 |
| 98–9369 | Clip–Circular, External | 53 | 2 | 1 |
| 98–9370 | Clip–Circular, External | 63 | 9 | 2 |
| 98–9371 | O–Ring | 54 | 6 | 1 |
| 98–9372 | O–Ring | 41 | 10 | 2 |
| 98–9373 | O–Ring | 46 | 19 | 1 |
| 98–9374 | O–Ring | 43 | 4 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 98−9375 | Pin−Straight | 38 | 5 | 2 |
| 98−9375 | Pin−Straight | 46 | 12 | 1 |
| 98−9376 | Pin−Straight | 38 | 6 | 2 |
| 98−9377 | Pin−Straight | 38 | 11 | 2 |
| 98−9378 | Key−Feather | 45 | 3 | 1 |
| 98−9379 | Plug | 38 | 20 | 3 |
| 98−9380 | Ball | 41 | 13 | 1 |
| 98−9381 | Bearing−Ball | 48 | 12 | 1 |
| 98−9382 | Bearing−Ball | 48 | 10 | 1 |
| 98−9383 | Bearing−Ball | 48 | 7 | 1 |
| 98−9384 | Tube−Fuel | 51 | 2 | 1 |
| 98−9385 | Washer−Flat | 63 | 2 | 3 |
| 98−9386 | Plug | 39 | 10 | 1 |
| 98−9387 | Pin−Pipe | 38 | 21 | 2 |
| 98−9388 | Joint−Pipe | 41 | 16 | 1 |
| 98−9389 | Cap−Sealing | 40 | 7 | 2 |
| 98−9390 | Collet−Valve Spring Set | 63 | 17 | 6 |
| 98−9391 | Screw−Set | 63 | 13 | 1 |
| 98−9392 | Bolt | 47 | 2 | 8 |
| 98−9393 | Nut | 63 | 3 | 3 |
| 98−9394 | Gear−Ring | 47 | 5 | 1 |
| 98−9395 | Cap−Sealing | 40 | 9 | 1 |
| 98−9398 | Cap−Sealing | 38 | 8 | 4 |
| 98−9399 | Gasket | 39 | 7 | 1 |
| 98−9413 | Metal−Side (Std.) | 46 | 14 | 2 |
| 98−9414 | Metal−Side (0.2mm | 46 | 14 | 2 |
| 98−9415 | Metal−Side (0.4mm | 46 | 14 | 2 |
| 98−9416 | Switch | 38 | 23 | 1 |
| 98−9420 | Asm−Pipe, Overflow | 55 | 6 | 1 |
| 98−9421 | Valve−Delivery | 52 | 5 | 3 |
| 98−9422 | Asm−Tappet | 52 | 11 | 3 |
| 98−9423 | O−Ring | 52 | 2 | 6 |
| 98−9424 | Spring−Valve, Delivery | 52 | 6 | 3 |
| 98−9425 | Gasket−Valve, Delivery | 52 | 7 | 3 |
| 98−9426 | Pin−Guide, Tappet | 52 | 27 | 3 |
| 98−9427 | Seat−Spring, Upper | 52 | 15 | 3 |
| 98−9428 | Spring−Plunger | 52 | 14 | 3 |
| 98−9429 | Seat−Spring, Lower | 52 | 13 | 3 |
| 98−9430 | Screw | 52 | 23 | 1 |
| 98−9431 | Screw−Air Bleed | 55 | 15 | 1 |
| 98−9432 | Sleeve−Control | 52 | 16 | 3 |
| 98−9433 | Shim | 52 | 12 | 3 |
| 98−9434 | Flange−Sleeve | 52 | 4 | 3 |
| 98−9436 | Asm−Cock, Drain | 38 | 17 | 1 |
| 98−9436 | Gasket−Fuel Pump | 50 | 1 | 1 |
| 98−9437 | Bolt | 41 | 23 | 1 |
| 98−9438 | Stud | 51 | 9 | 2 |
| 98−9440 | Nut−Cap | 51 | 10 | 2 |
| 98−9442 | Screw−Countersunk Hd. | 52 | 26 | 4 |
| 98−9443 | Pin−Joint | 52 | 3 | 3 |
| 98−9444 | Plug | 64 | 6 | 1 |
| 98−9445 | Gasket | 52 | 20 | 2 |
| 98−9446 | Gasket | 52 | 22 | 1 |
| 98−9447 | O−Ring | 52 | 8 | 3 |
| 98−9449 | Plug−Oil Filler | 42 | 2 | 1 |
| 98−9450 | Pin−Clamp | 52 | 28 | 1 |
| 98−9451 | Gasket | 52 | 19 | 1 |
| 98−9452 | Screw | 52 | 10 | 6 |
| 98−9453 | Pulley−Dynamo | 58 | 2 | 1 |
| 98−9454 | Gasket | 42 | 4 | 3 |
| 98−9455 | Nut−Cap | 42 | 3 | 3 |
| 98−9456 | Shim−Injection (0.2mm) | 51 | 7 | 1 |
| 98−9457 | Shim−Injection (0.25mm) | 51 | 7 | 1 |
| 98−9458 | Shim−Injection (0.30mm) | 51 | 8 | 1 |
| 98−9459 | Camshaft−Fuel | 48 | 9 | 1 |
| 98−9460 | Asm−Cylinder Head | 40 | 3 | 1 |
| 98−9462 | Element−Pump | 52 | 1 | 3 |
| 98−9463 | Rack−Control | 52 | 24 | 1 |
| 98−9464 | Bolt−Joint | 52 | 21 | 1 |
| 98−9465 | Plate | 52 | 25 | 1 |
| 98−9466 | Plug | 52 | 18 | 1 |
| 98−9467 | Asm−Pipe, Fuel | 51 | * | 1 |
| 98−9468 | Asm−Holder, Nozzle | 56 | * | 3 |
| 98−9468 | Asm−Holder, Nozzle | 55 | 9 | 3 |
| 98−9469 | Piston (Std.) | 46 | 7 | 3 |
| 98−9470 | Piston (0.5mm Oversize) | 46 | 7 | 3 |
| 98−9471 | Cover−Thermostat | 61 | 10 | 1 |
| 98−9472 | Spring−Return | 54 | 14 | 1 |
| 98−9473 | Pulley−Fan Drive | 57 | 21 | 1 |
| 98−9474 | Asm−Alternator | 58 | * | 1 |
| 98−9474 | Asm−Alternator | 57 | 19 | 1 |
| 98−9479 | Bolt−Cylinder Head | 40 | 4 | 12 |
| 98−9481 | Asm−Case, Gear | 41 | 5 | 1 |
| 98−9482 | Seal−Oil | 41 | 22 | 1 |
| 98−9483 | Seal−Oil | 44 | 7 | 1 |
| 98−9484 | Bolt−Bearing Case | 44 | 2 | 6 |
| 98−9485 | Bolt−Bearing Case | 44 | 10 | 2 |
| 98−9486 | Plate−End, Rear | 47 | 1 | 1 |
| 98−9487 | Cover−Bearing Case | 44 | 8 | 1 |
| 98−9488 | Plate−Breather Element | 42 | 9 | 1 |
| 98−9489 | Plate−Breather Element | 42 | 11 | 1 |
| 98−9490 | Oil Shield−Breather | 42 | 8 | 1 |
| 98−9491 | Pipe−Breather | 42 | 6 | 1 |
| 98−9492 | Joint−Breather Pipe | 42 | 5 | 1 |
| 98−9493 | Element−Breather | 42 | 10 | 1 |
| 98−9494 | Valve−Inlet | 63 | 21 | 3 |
| 98−9495 | Valve−Exhaust | 63 | 20 | 3 |
| 98−9497 | Cap−Valve | 63 | 18 | 6 |
| 98−9498 | Retainer−Valve Spring | 63 | 16 | 6 |
| 98−9499 | Guide−Inlet Valve | 40 | 5 | 3 |
| 98−9500 | Guide−Exhaust Valve | 40 | 6 | 3 |
| 98−9501 | Asm−Arm, Rocker | 63 | 5 | 6 |
| 98−9502 | Screw−Adjusting | 63 | 6 | 6 |
| 98−9503 | Nut | 63 | 4 | 6 |
| 98−9504 | Spring−Rocker Arm | 63 | 12 | 2 |
| 98−9505 | Bracket−Rocker Arm | 63 | 11 | 3 |
| 98−9506 | Stud | 63 | 19 | 3 |
| 98−9507 | Washer−Shaft, Rocker Arm | 63 | 10 | 2 |
| 98−9508 | Washer−Shaft, Rocker Arm | 63 | 1 | 2 |
| 98−9509 | Push Rod | 45 | 5 | 6 |
| 98−9510 | Stopper−Camshaft | 45 | 2 | 1 |
| 98−9511 | Stopper−Fuel, Camshaft | 48 | 6 | 1 |
| 98−9512 | Gear−Cam | 45 | 1 | 1 |
| 98−9513 | Pin−Piston | 46 | 5 | 3 |
| 98−9514 | Clip−Circular, Piston Pin | 46 | 4 | 6 |
| 98−9515 | Bushing−Piston Pin | 46 | 3 | 3 |
| 98−9516 | Asm−Rod, Connecting | 46 | * | 3 |
| 98−9517 | Bolt−Connecting Rod | 46 | 1 | 6 |
| 98−9519 | Metal−Crankpin (0.2mm | 46 | 2 | 3 |
| 98−9520 | Metal−Crankpin (0.4mm | 46 | 2 | 3 |
| 98−9521 | Collar−Crankshaft | 46 | 20 | 1 |
| 98−9522 | Sleeve−Crankshaft | 46 | 13 | 1 |
| 98−9523 | Metal−Crankshaft (Std) | 46 | 18 | 1 |
| 98−9524 | Metal−Crankshaft (Std Set) | 46 | 17 | 2 |
| 98−9525 | Metal−Crankshaft (Std) | 46 | 16 | 1 |
| 98−9526 | Metal−Crankshaft (0.2mm | 46 | 16 | 1 |
| 98−9527 | Metal−Crankshaft (0.4mm | 46 | 16 | 1 |
| 98−9528 | Metal−Crankshaft (0.2mm | 46 | 18 | 1 |
| 98−9529 | Metal−Crankshaft (0.4mm | 46 | 18 | 1 |
| 98−9530 | Metal−Crankshaft | 46 | 17 | 2 |
| 98−9531 | Metal−Crankshaft | 46 | 17 | 2 |
| 98−9532 | Gear−Crankshaft | 46 | 9 | 1 |
| 98−9533 | Shaft−Gear, Idle | 45 | 9 | 1 |
| 98−9534 | Clip−Circular, Idle Gear | 45 | 14 | 1 |
| 98−9535 | Collar−Gear, Idle | 45 | 10 | 1 |
| 98−9536 | Collar−Gear, Idle | 45 | 13 | 1 |
| 98−9537 | Bolt−Flywheel | 47 | 3 | 6 |
| 98−9538 | Filter−Oil | 39 | 2 | 1 |
| 98−9539 | Pin−Pipe | 38 | 10 | 1 |
| 98−9540 | Asm−Rotor, Oil Pump | 41 | 9 | 1 |
| 98−9541 | Cover−Oil Pump | 41 | 8 | 1 |
| 98−9542 | Gear−Oil Pump Drive | 46 | 8 | 1 |
| 98−9543 | Seal−Valve | 41 | 14 | 1 |
| 98−9544 | Spring | 41 | 12 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 98–9545 | Band–Pipe | 51 | 1 | 2 |
| 98–9547 | Cam–Fuel | 48 | 2 | 1 |
| 98–9548 | Washer | 48 | 3 | 1 |
| 98–9549 | Bolt | 60 | 9 | 2 |
| 98–9553 | Metal–Crankpin (Std.) | 46 | 2 | 3 |
| 98–9557 | Bolt–Adjusting | 49 | 8 | 1 |
| 98–9559 | Asm–Weight, Governor | 48 | 19 | 2 |
| 98–9560 | Shaft–Governor Weight | 48 | 17 | 2 |
| 98–9561 | Holder–Gear, Governor | 48 | 22 | 1 |
| 98–9562 | Holder–Gear, Governor | 48 | 21 | 1 |
| 98–9563 | Sleeve–Governor | 48 | 16 | 1 |
| 98–9564 | Washer–Thrust | 48 | 15 | 1 |
| 98–9565 | Screw–Set | 48 | 13 | 1 |
| 98–9566 | Shaft–Lever, Fork | 53 | 12 | 1 |
| 98–9567 | Collar | 53 | 1 | 1 |
| 98–9568 | Collar | 53 | 8 | 1 |
| 98–9569 | Cover–Shaft, Fork Lever | 53 | 14 | 1 |
| 98–9570 | Bearing–Miniature | 53 | 3 | 1 |
| 98–9571 | Bearing–Miniature | 53 | 9 | 1 |
| 98–9572 | Lever–Speed Control | 54 | 5 | 2 |
| 98–9573 | Stay–Dynamo | 57 | 4 | 1 |
| 98–9574 | Pipe–Water | 62 | 11 | 1 |
| 98–9575 | Asm–Pump, Water | 62 | 1 | 1 |
| 98–9576 | Asm–Seal | 62 | 5 | 1 |
| 98–9577 | Pipe–Return, Water | 62 | 4 | 1 |
| 98–9578 | Pipe–Return, Water | 61 | 2 | 1 |
| 98–9579 | Band Pipe | 61 | 1 | 2 |
| 98–9580 | Pipe–Return, Water | 61 | 4 | 1 |
| 98–9581 | Impeller–Water | 62 | 6 | 1 |
| 98–9582 | Flange–Pump, Water | 62 | 2 | 1 |
| 98–9583 | Bearing | 62 | 3 | 1 |
| 98–9584 | Pulley–Fan | 57 | 5 | 1 |
| 98–9585 | Bolt | 57 | 22 | 1 |
| 98–9586 | Bolt | 41 | 21 | 1 |
| 98–9588 | Stud | 64 | 14 | 6 |
| 98–9589 | Nut | 54 | 1 | 2 |
| 98–9590 | Nut–Cap | 48 | 1 | 1 |
| 98–9592 | Screw | 41 | 7 | 5 |
| 98–9593 | Washer–Flat | 53 | 10 | 1 |
| 98–9594 | Washer–Flat | 54 | 2 | 2 |
| 98–9595 | Key–Woodruff | 48 | 8 | 1 |
| 98–9596 | Joint–Eye | 51 | 3 | 1 |
| 98–9597 | Plug | 38 | 14 | 3 |
| 98–9598 | Plug | 41 | 18 | 2 |
| 98–9599 | Plug | 38 | 4 | 1 |
| 98–9602 | Asm–Coupler, Lock | 57 | 14 | 1 |
| 98–9604 | Asm–Crankcase | 38 | 19 | 1 |
| 98–9606 | Asm–Case, Main Bearing | 44 | 11 | 1 |
| 98–9607 | Asm–Case, Main Bearing1 | 44 | 9 | |
| 98–9608 | Manifold–Inlet | 64 | 2 | 1 |
| 98–9609 | Gasket–Manifold, Inlet | 64 | 1 | 1 |
| 98–9610 | Gasket–Manifold, Exhaust | 64 | 9 | 1 |
| 98–9612 | Asm–Shaft, Rocker Arm | 63 | 8 | 1 |
| 98–9613 | Gasket–Cylinder Head | 40 | 10 | 1 |
| 98–9614 | Asm–Cover, Cylinder Head | 42 | 13 | 1 |
| 98–9615 | Gasket–Head Cover | 42 | 12 | 1 |
| 98–9616 | Tappet | 45 | 4 | 6 |
| 98–9617 | Asm–Camshaft | 45 | 7 | 1 |
| 98–9618 | Asm–Piston Ring (Std.) | 46 | 6 | 3 |
| 98–9619 | Asm–Piston Ring (0.5mm | 46 | 6 | 3 |
| 98–9620 | Asm–Pipe, Overflow | 55 | 8 | 1 |
| 98–9630 | Pin–Start Spring | 38 | 7 | 1 |
| 98–9631 | Cord–Glow Plug | 55 | 10 | 1 |
| 98–9632 | Gasket–Pump, Water | 62 | 7 | 1 |
| 98–9633 | Gasket–Gear Case | 41 | 6 | 1 |
| 98–9634 | Gasket–Bearing Case | 44 | 3 | 1 |
| 98–9635 | Gasket–Bearing Case Cover | 44 | 4 | 1 |
| 98–9637 | Gasket | 54 | 12 | 1 |
| 98–9638 | Gasket–Flange, Water | 61 | 13 | 1 |
| 98–9640 | Cover–Pump | 49 | 13 | 1 |
| 98–9641 | Cover | 41 | 26 | 1 |
| 98–9642 | Asm–Crankshaft | 46 | * | 1 |
| 98–9643 | Asm–Pump, Injection | 51 | 6 | 1 |
| 98–9643 | Asm–Pump, Injection | 52 | 17 | 1 |
| 98–9644 | Asm–Shaft, Governor | 48 | 14 | 1 |
| 98–9645 | Spring–Start | 53 | 5 | 1 |
| 98–9646 | Gasket–Oil Pan | 39 | 4 | 1 |
| 98–9647 | Bolt–Cylinder Head | 40 | 13 | 2 |
| 98–9648 | Spring–Valve | 63 | 15 | 6 |
| 98–9649 | Asm–Gear, Idle | 45 | 11 | 1 |
| 98–9650 | Bushing–Gear, Idle | 45 | 12 | 1 |
| 98–9652 | Holder–Valve, Delivery | 52 | 9 | 3 |
| 98–9653 | Pipe–Injection | 55 | 3 | 1 |
| 98–9654 | Pipe–Injection | 55 | 4 | 1 |
| 98–9655 | Pipe–Injection | 55 | 5 | 1 |
| 98–9656 | Bushing–Governor, Gear | 38 | 1 | 1 |
| 98–9657 | Clip–Circular, Gov. Shaft | 48 | 11 | 1 |
| 98–9658 | Asm–Lever, Governor | 54 | 11 | 1 |
| 98–9659 | Lever–Fork | 53 | 11 | 1 |
| 98–9660 | Lever–Thrust | 53 | 6 | 1 |
| 98–9661 | Asm–Plate, Control | 54 | 9 | 1 |
| 98–9662 | Lever–Speed Control | 54 | 3 | 1 |
| 98–9663 | Lever–Engine Stop | 54 | 17 | 1 |
| 98–9664 | Shaft–Stop Lever | 54 | 13 | 1 |
| 98–9665 | Nut | 64 | 13 | 6 |
| 98–9666 | Key | 46 | 10 | 1 |
| 98–9667 | Plug | 38 | 16 | 1 |
| 98–9668 | Plug | 38 | 13 | 1 |
| 98–9669 | Gear–Injection Pump | 48 | 4 | 1 |
| 98–9670 | Gauge–Oil | 43 | 3 | 1 |
| 98–9671 | Guide–Oil Gauge | 43 | 2 | 1 |
| 98–9672 | Asm–Guide, Oil Gauge | 43 | * | 1 |
| 98–9673 | Gear–Governor | 48 | 20 | 1 |
| 98–9674 | Packing | 49 | 10 | 1 |
| 98–9675 | Plug | 38 | 22 | 1 |
| 98–9676 | V–Belt | 57 | 20 | 1 |
| 98–9677 | Asm–Pump, Fuel | 50 | 4 | 1 |
| 98–9678 | Asm–Apparatus, Idle | 49 | * | 1 |
| 98–9679 | Asm–Bolt, Adjusting | 49 | 3 | 1 |
| 98–9680 | Asm–Lever, Fork | 53 | * | 1 |
| 98–9681 | Spring–Governor | 53 | 4 | 1 |
| 98–9682 | Gasket | 53 | 13 | 1 |
| 98–9683 | Gasket–Solenoid Cover | 50 | 5 | 1 |
| 98–9684 | Gasket–Gear Case | 41 | 25 | 1 |
| 98–9685 | Oil Pan | 39 | 5 | 1 |
| 98–9688 | Metal–Side (Std.) | 46 | 15 | 2 |
| 98–9689 | Metal–Side (0.2mm | 46 | 15 | 2 |
| 98–9690 | Metal–Side (0.4mm | 46 | 15 | 2 |
| 98–9691 | Asm–Flywheel | 47 | 4 | 1 |
| 98–9692 | Roller | 48 | 18 | 2 |
| 98–9693 | Solenoid–Stop | 50 | 6 | 1 |
| 98–9695 | Plug–Glow | 55 | 11 | 3 |
| 98–9696 | Asm–Coupler | 57 | 18 | 1 |
| 98–9697 | Connector | 57 | 17 | 1 |
| 98–9698 | Connector | 57 | 16 | 1 |
| 98–9699 | Terminal | 57 | 15 | 7 |
| 98–9700 | Asm–Terminal | 57 | 9 | 1 |
| 98–9701 | Terminal | 57 | 10 | 1 |
| 98–9702 | Sleeve | 57 | 11 | 1 |
| 98–9703 | Terminal | 57 | 12 | 1 |
| 98–9704 | Sleeve | 57 | 13 | 1 |
| 98–9705 | Asm–Starter | 60 | * | 1 |
| 98–9705 | Asm–Starter | 59 | 2 | 1 |
| 98–9711 | Cord–Stop, Solenoid | 60 | 13 | 1 |
| 98–9712 | Band–Cover | 60 | 11 | 1 |
| 98–9713 | Asm–Flange, Water | 61 | 3 | 1 |
| 98–9716 | Pipe–Water | 62 | 12 | 1 |
| 98–9717 | Clamp | 62 | 10 | 2 |
| 98–9718 | Manifold–Exhaust | 64 | 12 | 1 |
| 98–9719 | Thermoswitch | 61 | 5 | 1 |
| 98–9740 | Bracket–Support, Fan | 37 | 48 | 1 |
| 98–9741 | Bracket–Mount, Fan | 37 | 57 | 1 |
| 98–9742 | Valve–Flow Control | 19 | 13 | 1 |
| 98–9742 | Valve–Flow Control | 16 | 31 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 98−9742 | Valve−Flow Control | 72 | 71 | 1 |
| 98−9745 | Tube−Exhaust | 35 | 7 | 1 |
| 98−9748 | Support−Bracket, Filter | 22 | 30 | 1 |
| 98−9749 | Bracket−Mount, Throttle | 37 | 47 | 1 |
| 98−9761 | Kit−Hydraulic Hose | 20 | * | 1 |
| 98−9763 | Asm−Element | 66 | 2 | 1 |
| 98−9764 | Element−Spin On | 67 | 2 | 1 |
| 98−9765 | Yoke−Shaft | 35 | 18 | 1 |
| 98−9766 | Kit−U−Joint | 35 | 21 | 2 |
| 98−9767 | Yoke−Slip Tube | 35 | 24 | 1 |
| 98−9768 | Yoke−End | 35 | 25 | 1 |
| 98−9769 | Yoke−Flange | 35 | 23 | 1 |
| 98−9771 | Asm−Cover | 66 | 3 | 1 |
| 98−9772 | Head−Filter | 67 | 1 | 1 |
| 98−9773 | Plug−Base, Filter | 67 | 5 | 1 |
| 98−9774 | O−Ring, Filter Base | 67 | 3 | 1 |
| 98−9775 | Base−Filter | 67 | 4 | 1 |
| 98−9776 | Plug−Head, Filter | 67 | 8 | 1 |
| 98−9777 | Asm−Valve, Drain | 67 | 10 | 1 |
| 98−9779 | Rotary Cartridge Kit | 17 | 30 | 2 |
| 98−9781 | Fitting−Hydraulic 90˚ | 16 | 25 | 1 |
| 98−9788 | Decal−Instructions | 65 | 40 | 1 |
| 98−9794 | Muffler | 35 | 1 | 1 |
| 98−9796 | Asm−Pump, Gear | 31 | 18 | 1 |
| 98−9797 | Kit−Housing, Section 2 | 32 | * | 1 |
| 98−9798 | Kit−Housing, Section 1 | 32 | * | 1 |
| 98−9799 | Kit−Housing, Section 3 | 32 | * | 1 |
| 99−6969 | Seal−Oil | 28 | 2 | 2 |
| 99−8301 | Nut | 56 | 1 | 3 |
| 99−8302 | Washer−Adjusting | 56 | 4 | 3 |
| 99−8303 | Spring−Nozzle | 56 | 5 | 3 |
| 99−8304 | Piece−Distance | 56 | 7 | 3 |
| 99−8305 | Push Rod | 56 | 6 | 3 |
| 99−8306 | Nut−Nozzle | 56 | 9 | 3 |
| 99−8307 | Washer | 56 | 2 | 3 |
| 99−8308 | Piece−Nozzle | 56 | 8 | 3 |
| 99−8309 | Asm−Washer, Adjusting | 56 | 10 | 3 |
| 99−8310 | Washer−Adj. (0.10mm) | 56 | * | 3 |
| 99−8311 | Washer−Adj. (0.20mm) | 56 | * | 3 |
| 99−8312 | Washer−Adj. (0.30mm) | 56 | 10 | 3 |
| 99−8313 | Washer−Adj. (0.40mm) | 56 | * | 3 |
| 99−8314 | Washer−Adj. (0.50mm) | 56 | * | 3 |
| 99−8315 | Washer−Adj. (0.52mm) | 56 | * | 3 |
| 99−8316 | Washer−Adj. (0.54mm) | 56 | * | 3 |
| 99−8317 | Washer−Adj. (0.56mm) | 56 | * | 3 |
| 99−8318 | Washer−Adj. (0.58mm) | 56 | * | 3 |
| 99−8319 | Washer−Adj. (0.80mm) | 56 | * | 3 |
| 99−8342 | Stud | 64 | 11 | 4 |
| 99−8343 | Gasket−Muffler | 64 | 10 | 1 |
| 99−8345 | Asm−Case, Main Bearing | 44 | 1 | 1 |
| 99−8348 | Bolt | 54 | 18 | 1 |
| 99−8349 | Extension−Fill, Oil | 42 | 14 | 1 |
| 99−8350 | Key−Switch | 3 | 2 | 1 |
| 99−8351 | Filter−Fuel | 22 | 1 | 1 |
| 99−8352 | Asm−Switch, Toggle | 11 | 16 | 1 |
| 99−8352 | Switch−Backlap | 33 | 44 | 1 |
| 99−8353 | Kit−Individual Pieces | 32 | * | 1 |
| 99−8356 | Kit−Head W/Label | 23 | 1 | 1 |
| 99−8357 | Kit−Bowel | 23 | 4 | 1 |
| 99−8358 | Kit−Element | 23 | 2 | 1 |
| 99−8359 | O−Ring | 23 | 3 | 1 |
| 99−8363 | Bolt−Flange | 57 | 24 | 4 |
| 99−8370 | Frame−End | 60 | 8 | 1 |
| 99−8371 | Nut−Hex. | 60 | 12 | 1 |
| 99−8372 | Asm−Switch, Magnetic | 60 | 14 | 1 |
| 99−8373 | Clutch | 60 | 17 | 1 |
| 99−8374 | Frame−Drive End | 60 | 19 | 1 |
| 99−8375 | Cover−Cord | 60 | 23 | 1 |
| 99−8376 | Nut | 60 | 25 | 1 |
| 99−8377 | Nut−Flange | 55 | 17 | 3 |
| 99−8378 | Washer−Plain | 55 | 18 | 3 |
| 99−8380 | Complete Lever & Fork | 53 | 16 | 1 |
| 99−8382 | Nut−Cap | 49 | 2 | 2 |
| 99−8384 | Asm−Cartridge, Oil | 41 | 15 | 1 |
| 99−8385 | Seal−Valve Stem | 63 | 14 | 6 |
| 99−8386 | Nut | 49 | 6 | 2 |
| 99−8388 | Gasket, 10mm Dia. | 49 | 7 | 2 |
| 99−8389 | Gasket, 14mm Dia. | 49 | 9 | 1 |
| 99−8390 | Lock Pipe, Fuel Adjust. | 49 | 1 | 2 |
| 99−8960 | Asm−Main Wire Harness | 12 | 56 | 1 |
| 99−8961 | Panel−Control | 11 | 14 | 1 |
| 99−8975 | Strip−Seal | 1 | 28 | 1 |
| 99−8980 | Asm−Engine | 36 | 18 | 1 |
| 100−3700 | Decal−Diagnostic−ACE | 9 | 1 | 1 |
| 100−3701 | Decal−Diag. (Danish) | 9 | 1 | 1 |
| 100−3702 | Decal−Diag. (Dutch) | 9 | 1 | 1 |
| 100−3703 | Decal−Diag. (Finnish) | 9 | 1 | 1 |
| 100−3704 | Decal−Diag. (French) | 9 | 1 | 1 |
| 100−3705 | Decal−Diag. (German) | 9 | 1 | 1 |
| 100−3706 | Decal−Diag. (Italian) | 9 | 1 | 1 |
| 100−3707 | Decal−Diag. (Japan) | 9 | 1 | 1 |
| 100−3708 | Decal−Diag. (Norwegian) | 9 | 1 | 1 |
| 100−3709 | Decal−Diag. (Portuguese) | 9 | 1 | 1 |
| 100−3710 | Decal−Diag. (Spanish) | 9 | 1 | 1 |
| 100−3711 | Decal−Diag. (Swedish) | 9 | 1 | 1 |
| 217−120 | Rim | 25 | 52 | 2 |
| 217−121 | Rim | 68 | 20 | 2 |
| 218−446 | Nut−Locking | 11 | 10 | 1 |
| 218−447 | Washer−E.T.L.W. | 11 | 11 | 1 |
| 218−498 | Nut−Hex. | 11 | 4 | 2 |
| 218−498 | Nut−Lock | 34 | 54 | 2 |
| 218−533 | Lens−Red | 4 | 36 | 1 |
| 218−535 | Nut−Lock | 4 | 33 | 1 |
| 218−536 | Washer−Lock | 4 | 34 | 1 |
| 218−574 | Fuse−7.5A | 11 | 20 | 1 |
| 218−578 | Fuse−10A | 11 | 20 | 3 |
| 218−589 | Washer−Lock | 11 | 29 | 1 |
| 218−594 | Fuse−20A | 11 | 20 | 1 |
| 219−19 | Lamp−Green | 12 | * | 1 |
| 231−134 | Tire | 25 | 53 | 2 |
| 231−141 | Tire | 68 | 19 | 2 |
| 232−27 | Stem−Valve | 24 | 3 | 2 |
| 232−35 | Stem−Valve | 68 | 21 | 2 |
| 233−17 | Knob−Parking Brake | 4 | 9 | 1 |
| 233−42 | Knob | 6 | 19 | 1 |
| 233−42 | Knob−Throttle | 7 | 34 | 1 |
| 237−21 | O−Ring | 18 | 2 | 7 |
| 237−21 | O−Ring | 19 | 2 | 7 |
| 237−21 | O−Ring | 20 | 4 | 5 |
| 237−21 | O−Ring | 71 | 5 | 8 |
| 237−21 | O−Ring | 73 | 14 | 4 |
| 237−21 | O−Ring | 16 | 18 | 4 |
| 237−21 | O−Ring | 68 | 33 | 2 |
| 237−22 | O−Ring | 16 | 1 | 1 |
| 237−22 | O−Ring | 18 | 14 | 2 |
| 237−22 | O−Ring | 4 | 14 | 5 |
| 237−22 | O−Ring | 31 | 15 | 1 |
| 237−22 | O−Ring | 24 | 20 | 2 |
| 237−22 | O−Ring | 14 | 23 | 6 |
| 237−22 | O−Ring | 20 | 36 | 4 |
| 237−22 | O−Ring | 34 | 47 | 2 |
| 237−30 | O−Ring | 31 | 11 | 2 |
| 237−30 | O−Ring | 17 | 12 | 1 |
| 237−30 | O−Ring | 16 | 13 | 7 |
| 237−30 | O−Ring | 20 | 19 | 19 |
| 237−42 | O−Ring | 16 | 3 | 2 |
| 237−42 | O−Ring | 17 | 5 | 2 |
| 237−42 | O−Ring | 67 | 6 | 1 |
| 237−42 | O−Ring | 71 | 6 | 2 |
| 237−42 | O−Ring | 19 | 12 | 2 |
| 237−42 | O−Ring | 18 | 16 | 2 |
| 237−42 | O−Ring | 14 | 25 | 4 |
| 237−42 | O−Ring | 15 | 49 | 1 |
| 237−65 | O−Ring | 14 | 10 | 5 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 237−65 | O−Ring | 16 | 22 | 1 |
| 237−65 | O−Ring | 34 | 50 | 2 |
| 237−78 | O−Ring | 17 | 1 | 12 |
| 237−78 | O−Ring | 20 | 2 | 5 |
| 237−78 | O−Ring | 71 | 3 | 6 |
| 237−78 | O−Ring | 18 | 4 | 7 |
| 237−78 | O−Ring | 19 | 4 | 8 |
| 237−78 | O−Ring | 16 | 7 | 6 |
| 237−78 | O−Ring | 67 | 7 | 1 |
| 237−78 | O−Ring | 73 | 12 | 4 |
| 237−78 | O−Ring | 24 | 22 | 1 |
| 237−78 | O−Ring | 68 | 31 | 2 |
| 237−79 | O−Ring | 16 | 9 | 6 |
| 237−79 | O−Ring | 17 | 10 | 1 |
| 237−79 | O−Ring | 31 | 17 | 3 |
| 237−79 | O−Ring | 20 | 18 | 10 |
| 237−79 | O−Ring | 24 | 18 | 2 |
| 237−79 | O−Ring | 14 | 45 | 1 |
| 237−80 | O−Ring | 17 | 20 | 1 |
| 237−81 | O−Ring | 14 | 12 | 4 |
| 237−81 | O−Ring | 24 | 25 | 2 |
| 237−81 | O−Ring | 16 | 26 | 1 |
| 237−101 | O−Ring | 14 | 7 | 1 |
| 237−141 | Bumper | 1 | 6 | 2 |
| 237−146 | O−Ring | 31 | 19 | 1 |
| 237−156 | O−Ring | 17 | 16 | 2 |
| 237−161 | O−Ring | 24 | 36 | 1 |
| 237−163 | O−Ring | 31 | 9 | 1 |
| 237−165 | Grommet | 69 | 46 | 2 |
| 237−181 | O−Ring | 25 | 51 | 1 |
| 240−3 | Grommet | 34 | 57 | 2 |
| 240−5 | Grommet−Rubber | 20 | 28 | 4 |
| 240−11 | Grommet | 22 | 23 | 3 |
| 240−11 | Grommet | 14 | 39 | 3 |
| 241−119 | Cap−Dust | 68 | 24 | 2 |
| 242−34 | Stud−Flange, Axle | 28 | 9 | 10 |
| 242−50 | Nut−Lug | 68 | 26 | 10 |
| 2411−36 | Bearing−Rod End | 6 | 2 | 1 |
| 2412−34 | Clamp−Hose | 31 | 2 | 1 |
| 2412−34 | Clamp−Hose | 33 | 15 | 4 |
| 2412−34 | Clamp−Hose | 14 | 18 | 3 |
| 2412−36 | Clamp−Drain | 22 | 26 | 1 |
| 2412−42 | Clamp−Hose | 65 | 1 | 1 |
| 2412−92 | Clamp−Hose | 36 | 14 | 1 |
| 2412−93 | Clamp−R | 7 | 18 | 1 |
| 2412−93 | Clamp−R | 14 | 32 | 2 |
| 2412−98 | Clamp−Hose | 22 | 4 | 1 |
| 2412−98 | Clamp−Hose | 33 | 31 | 1 |
| 2412−103 | Clamp−R | 33 | 29 | 2 |
| 2412−108 | Clamp | 65 | 39 | 4 |
| 2412−108 | Clamp−Hose | 22 | 11 | 4 |
| 2412−126 | Clamp−R | 12 | 53 | 1 |
| 2412−129 | Clamp−Hose | 24 | 27 | 2 |
| 2412−133 | Clamp−R | 7 | 42 | 2 |
| 2412−146 | Clamp−Spring | 22 | 34 | 2 |
| 251−259 | Bearing−Ball | 30 | 11 | 2 |
| 251−318 | Bearing−Ball | 36 | 7 | 2 |
| 253−129 | Seal−Grease | 68 | 28 | 2 |
| 254−65 | Cone−Tapered Bearing | 27 | 28 | 2 |
| 254−66 | Cup−Tapered Bearing | 27 | 27 | 2 |
| 254−72 | Cup−Bearing | 68 | 17 | 4 |
| 254−91 | Cone−Bearing | 27 | 23 | 1 |
| 254−94 | Cone−Bearing | 68 | 16 | 4 |
| 256−42 | Bushing−Sleeve | 6 | 34 | 2 |
| 256−113 | Bushing−Flange | 30 | 19 | 2 |
| 256−115 | Washer−Thrust | 73 | 26 | 8 |
| 256−115 | Washer−Thrust | 71 | 41 | 11 |
| 256−121 | Washer−Thrust | 68 | 12 | 2 |
| 256−236 | Bearing−Flange | 6 | 24 | 4 |
| 256−287 | Bushing−Flange | 73 | 38 | 4 |
| 281−13 | Plug−Pipe | 65 | 36 | 2 |
| 282−4 | Clevis−Spring | 73 | 3 | 2 |
| 282−4 | Clevis−Spring | 71 | 21 | 3 |
| 283−6 | Pin−Clevis | 73 | 10 | 2 |
| 283−6 | Pin−Clevis | 71 | 15 | 3 |
| 283−58 | Pin−Clevis | 6 | 30 | 4 |
| 285−22 | Plug−Pipe | 67 | 9 | 1 |
| 302−5 | Fitting−Grease | 70 | 7 | 2 |
| 302−5 | Fitting−Grease | 68 | 11 | 4 |
| 302−5 | Fitting−Grease | 71 | 11 | 6 |
| 302−5 | Fitting−Grease | 75 | 13 | 1 |
| 302−5 | Fitting−Grease | 76 | 13 | 1 |
| 302−5 | Fitting−Grease | 77 | 13 | 1 |
| 302−5 | Fitting−Grease | 78 | 13 | 1 |
| 302−5 | Fitting−Grease | 30 | 20 | 1 |
| 302−5 | Fitting−Grease | 35 | 22 | 2 |
| 302−5 | Fitting−Grease | 73 | 29 | 4 |
| 302−5 | Fitting−Grease | 6 | 39 | 1 |
| 302−10 | Fitting−Grease 45° | 36 | 10 | 1 |
| 304−46 | Drain−Radiator | 33 | 10 | 1 |
| 304−46 | Fitting−Drain | 22 | 27 | 1 |
| 304−73 | Fitting−Barbed | 22 | 2 | 1 |
| 321−2 | Screw−HH | 24 | 6 | 1 |
| 321−4 | Screw−HH | 3 | 6 | 2 |
| 321−4 | Screw−HH | 33 | 23 | 7 |
| 321−4 | Screw−HH | 7 | 31 | 1 |
| 321−5 | Screw−HH | 65 | 23 | 2 |
| 321−8 | Screw−HH | 22 | 31 | 1 |
| 321−11 | Screw−HH | 19 | 6 | 4 |
| 321−15 | Screw−HH | 11 | 33 | 2 |
| 321−18 | Screw−HH | 18 | 5 | 4 |
| 321−23 | Screw−HH | 14 | 13 | 2 |
| 321−39 | Screw−HH | 1 | 15 | 7 |
| 321−39 | Screw−HH | 11 | 26 | 2 |
| 322−2 | Screw−HH | 33 | 36 | 4 |
| 322−2 | Screw−HH | 37 | 49 | 4 |
| 322−3 | Screw−HH | 7 | 14 | 13 |
| 322−3 | Screw−HH | 30 | 18 | 2 |
| 322−3 | Screw−HH | 6 | 25 | 8 |
| 322−3 | Screw−HH | 16 | 28 | 4 |
| 322−3 | Screw−HH | 1 | 30 | 4 |
| 322−3 | Screw−HH | 11 | 35 | 2 |
| 322−4 | Screw−HH | 65 | 11 | 3 |
| 322−4 | Screw−HH | 22 | 28 | 1 |
| 322−4 | Screw−HH | 2 | 40 | 2 |
| 322−4 | Screw−HH | 37 | 53 | 9 |
| 322−5 | Screw−HH | 73 | 6 | 3 |
| 322−5 | Screw−HH | 19 | 17 | 2 |
| 322−5 | Screw−HH | 1 | 19 | 4 |
| 322−5 | Screw−HH | 71 | 26 | 3 |
| 322−5 | Screw−HH | 65 | 28 | 2 |
| 322−5 | Screw−HH | 12 | 54 | 1 |
| 322−5 | Screw−HH | 34 | 60 | 4 |
| 322−6 | Screw−HH | 73 | 17 | 4 |
| 322−6 | Screw−HH | 8 | 30 | 1 |
| 322−6 | Screw−HH | 36 | 38 | 8 |
| 322−6 | Screw−HH | 65 | 42 | 2 |
| 322−7 | Screw−HH | 30 | 10 | 1 |
| 322−9 | Screw−HH | 35 | 19 | 2 |
| 322−10 | Screw−HH | 30 | 3 | 1 |
| 322−12 | Screw−HH | 73 | 32 | 2 |
| 322−13 | Screw−HH | 18 | 29 | 4 |
| 322−13 | Screw−HH | 71 | 35 | 6 |
| 322−13 | Screw−HH | 74 | 50 | 3 |
| 323−4 | Screw−HH | 7 | 2 | 2 |
| 323−4 | Screw−HH | 14 | 43 | 2 |
| 323−6 | Screw−HH | 35 | 3 | 4 |
| 323−6 | Screw−HH | 36 | 12 | 2 |
| 323−6 | Screw−HH | 74 | 54 | 2 |
| 323−7 | Screw−HH | 68 | 1 | 4 |
| 323−8 | Screw−HH | 36 | 45 | 1 |
| 323−9 | Screw−HH | 6 | 3 | 1 |
| 323−9 | Screw−HH | 65 | 14 | 1 |
| 323−10 | Screw−HH LH | 36 | 33 | 1 |

*Not Illustrated

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| Part No. | Description | Pg. No. | Ref. No. | Qty. |
|---|---|---|---|---|
| 323−11 | Screw−HH | 71 | 39 | 1 |
| 323−12 | Screw−HH | 31 | 4 | 2 |
| 323−12 | Screw−HH | 24 | 32 | 2 |
| 323−12 | Screw−HH | 72 | 56 | 2 |
| 323−12 | Screw−HH RH | 36 | 27 | 3 |
| 323−20 | Screw−HH | 25 | 49 | 2 |
| 324−7 | Screw−HH | 24 | 29 | 4 |
| 325−2 | Screw−HH | 34 | 65 | 2 |
| 325−4 | Screw−HH | 73 | 35 | 4 |
| 325−4 | Screw−HH | 72 | 59 | 6 |
| 325−5 | Screw−HH | 79 | 6 | 9 |
| 325−7 | Screw−HH | 24 | 13 | 2 |
| 325−12 | Screw−HH | 65 | 30 | 2 |
| 327−2 | Screw−HH | 68 | 3 | 1 |
| 328−7 | Screw−HH | 71 | 18 | 4 |
| 328−12 | Screw−HH | 71 | 13 | 2 |
| 328−25 | Screw−HH | 68 | 30 | 1 |
| 328−27 | Screw−HH | 69 | 49 | 1 |
| 3210−8 | Screw−HH | 26 | 19 | 8 |
| 3212−4 | Screw−HH | 79 | * | 2 |
| 3213−2 | Screw−HH | 37 | 60 | 8 |
| 3217−6 | Nut−Hex | 8 | 32 | 1 |
| 3217−6 | Nut−Hex. | 30 | 28 | 1 |
| 3217−9 | Nut−Hex. | 65 | 32 | 2 |
| 3217−9 | Nut−Lock | 79 | 7 | 3 |
| 3218−1 | Nut−Jam | 25 | 50 | 1 |
| 3220−3 | Nut−Jam | 6 | 1 | 2 |
| 3220−3 | Nut−Jam | 68 | 14 | 8 |
| 3220−5 | Nut−Jam | 68 | 36 | 2 |
| 3220−6 | Nut | 5 | 27 | 1 |
| 3220−6 | Nut−Steering Wheel | 4 | 8 | 1 |
| 3220−7 | Nut−Jam | 68 | 23 | 2 |
| 3220−12 | Nut−Jam LH Thread | 68 | 38 | 2 |
| 3230−2 | Bolt−Carriage | 36 | 13 | 1 |
| 3234−5 | Screw−HHF | 2 | 34 | 1 |
| 3234−5 | Screw−Whiz Lock | 33 | 3 | 6 |
| 3234−7 | Screw−HHF (Europe) | 2 | 42 | 1 |
| 3234−13 | Screw−Cap Flange Hd. | 69 | 52 | 2 |
| 3234−14 | Screw−HWH | 2 | 33 | 14 |
| 3234−29 | Screw | 65 | 41 | 2 |
| 3234−29 | Screw−HHF | 37 | 55 | 6 |
| 3250−29 | Screw−HH | 7 | 7 | 4 |
| 3253−3 | Washer−Lock | 24 | 7 | 1 |
| 3253−3 | Washer−Lock | 7 | 30 | 1 |
| 3253−3 | Washer−Lock | 11 | 32 | 2 |
| 3253−4 | Washer−Lock | 4 | 2 | 2 |
| 3253−4 | Washer−Lock | 7 | 13 | 4 |
| 3253−4 | Washer−Lock | 73 | 16 | 2 |
| 3253−4 | Washer−Lock | 30 | 17 | 2 |
| 3253−4 | Washer−Lock | 1 | 20 | 4 |
| 3253−4 | Washer−Lock | 16 | 29 | 4 |
| 3253−4 | Washer−Lock | 33 | 39 | 4 |
| 3253−4 | Washer−Lock | 36 | 43 | 6 |
| 3253−5 | Washer−Lock | 31 | 5 | 2 |
| 3253−6 | Washer−Lock | 79 | * | 2 |
| 3253−6 | Washer−Lock | 8 | 25 | 2 |
| 3253−7 | Washer−Lock | 79 | 5 | 9 |
| 3253−7 | Washer−Lock | 73 | 39 | 4 |
| 3253−7 | Washer−Lock | 72 | 58 | 6 |
| 3253−7 | Washer−Lock | 37 | 61 | 8 |
| 3253−7 | Washer−Lock | 34 | 64 | 2 |
| 3253−15 | Washer−Lock | 22 | 8 | 5 |
| 3253−19 | Washer−Lock | 12 | *71 | 2 |
| 3253−21 | Washer−Lock | 65 | 15 | 1 |
| 3253−21 | Washer−Lock | 24 | 33 | 2 |
| 3253−21 | Washer−Lock | 14 | 42 | 2 |
| 3253−21 | Washer−Lock | 37 | 50 | 1 |
| 3253−27 | Washer−Lock | 65 | 31 | 2 |
| 3253−33 | Washer−Lock | 8 | 31 | 1 |
| 3255−8 | Washer−Lock | 37 | 52 | 1 |
| 3255−8 | Washer−Lock ETLW | 4 | 15 | 1 |
| 3255−9 | Washer−Lock | 36 | 16 | 2 |
| 3256−1 | Washer−Flat | 3 | 7 | 2 |
| 3256−1 | Washer−Flat | 11 | 13 | 5 |
| 3256−1 | Washer−Flat | 1 | 14 | 10 |
| 3256−1 | Washer−Flat | 4 | 29 | 2 |
| 3256−2 | Washer−Flat | 33 | 34 | 4 |
| 3256−3 | Washer−Flat | 2 | 31 | 4 |
| 3256−3 | Washer−Flat | 11 | 34 | 3 |
| 3256−4 | Washer−Flat | 35 | 4 | 8 |
| 3256−5 | Washer−Flat | 8 | 4 | 1 |
| 3256−6 | Washer−Flat | 73 | 40 | 4 |
| 3256−6 | Washer−Flat | 72 | 57 | 6 |
| 3256−22 | Washer−Flat | 6 | 6 | 2 |
| 3256−22 | Washer−Flat | 4 | 11 | 4 |
| 3256−22 | Washer−Flat | 33 | 22 | 4 |
| 3256−22 | Washer−Flat | 22 | 33 | 1 |
| 3256−22 | Washer−Flat | 25 | 54 | 2 |
| 3256−23 | Washer−Flat | 73 | 7 | 10 |
| 3256−23 | Washer−Flat | 7 | 12 | 8 |
| 3256−23 | Washer−Flat | 1 | 18 | 6 |
| 3256−23 | Washer−Flat | 71 | 25 | 3 |
| 3256−23 | Washer−Flat | 4 | 31 | 6 |
| 3256−23 | Washer−Flat | 36 | 34 | 10 |
| 3256−23 | Washer−Flat | 33 | 38 | 4 |
| 3256−24 | Washer−Flat | 68 | 2 | 2 |
| 3256−24 | Washer−Flat | 6 | 4 | 1 |
| 3256−24 | Washer−Flat | 8 | 5 | 1 |
| 3256−24 | Washer−Flat | 65 | 16 | 1 |
| 3256−24 | Washer−Flat | 7 | 19 | 3 |
| 3256−24 | Washer−Flat | 71 | 24 | 3 |
| 3256−24 | Washer−Flat | 36 | 30 | 5 |
| 3256−24 | Washer−Flat | 73 | 30 | 4 |
| 3256−24 | Washer−Flat | 14 | 41 | 2 |
| 3256−24 | Washer−Flat | 65 | 46 | 2 |
| 3256−26 | Washer−Flat | 30 | 2 | 1 |
| 3256−26 | Washer−Flat | 79 | 4 | 9 |
| 3256−26 | Washer−Flat | 4 | 22 | 1 |
| 3256−26 | Washer−Flat | 8 | 24 | 2 |
| 3256−26 | Washer−Flat | 34 | 63 | 2 |
| 3256−40 | Washer−Flat | 37 | 62 | 4 |
| 3256−46 | Washer−Flat | 8 | 20 | 1 |
| 3256−69 | Washer−Thrust | 6 | 31 | 3 |
| 3256−70 | Washer−Flat | 18 | 31 | 4 |
| 3256−70 | Washer−Flat | 20 | 37 | 4 |
| 3256−70 | Washer−Flat | 71 | 37 | 6 |
| 3256−70 | Washer−Plain | 74 | 46 | 2 |
| 3256−78 | Washer−Flat | 36 | 20 | 1 |
| 3258−166 | Screw−PPH | 11 | 12 | 5 |
| 3258−166 | Screw−PPH | 4 | 28 | 2 |
| 3258−166 | Screw−PPH | 2 | 46 | 3 |
| 3269−10 | Washer−Back−up | 33 | 30 | 5 |
| 3269−13 | Rivet−Pop | 33 | 32 | 15 |
| 3269−15 | Rivet−Pop | 33 | 5 | 8 |
| 3272−2 | Pin−Cotter | 6 | 5 | 2 |
| 3272−4 | Pin−Cotter | 1 | 11 | 2 |
| 3272−5 | Pin−Cotter | 4 | 17 | 3 |
| 3272−10 | Pin−Cotter | 30 | 1 | 1 |
| 3272−10 | Pin−Cotter | 73 | 4 | 2 |
| 3272−10 | Pin−Cotter | 71 | 17 | 3 |
| 3272−10 | Pin−Cotter | 4 | 21 | 1 |
| 3272−10 | Pin−Cotter | 7 | 21 | 2 |
| 3272−10 | Pin−Cotter | 6 | 40 | 4 |
| 3272−13 | Pin−Cotter | 68 | 25 | 2 |
| 3273−26 | Screw−Hex. Socket Hd. | 11 | 45 | 2 |
| 3290−271 | Rivet−Pop | 33 | 20 | 2 |
| 3290−354 | Plate−Nut | 11 | 36 | 2 |
| 3290−378 | Tie−Cable | 20 | * | 4 |
| 3290−378 | Tie−Cable | 4 | * | 3 |
| 3290−378 | Tie−Cable | 33 | 17 | 1 |
| 3290−378 | Tie−Cable | 73 | 42 | 2 |
| 3290−378 | Tie−Cable | 72 | 68 | 5 |
| 3290−379 | Tie−Cable | 73 | 1 | 4 |
| 3290−379 | Tie−Cable | 71 | 14 | 3 |

*Not Illustrated

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| 3290−410 | Tie−Cable, Push On | 4 | * | 4 |
| 3290−461 | Washer−Belleville | 6 | 21 | 1 |
| 3290−488 | Boot−Lift Control | 11 | 40 | 1 |
| 3290−489 | Knob−Lift Control | 11 | 3 | 1 |
| 3296−2 | Nut−Lock | 11 | 18 | 4 |
| 3296−3 | Nut−Lock | 7 | 27 | 1 |
| 3296−9 | Nut−Hex. | 30 | 24 | 2 |
| 3296−16 | Nut−Lock | 3 | 9 | 2 |
| 3296−20 | Nut−Lock | 4 | 16 | 4 |
| 3296−20 | Nut−Lock | 7 | 51 | 1 |
| 3296−23 | Nut−Lock | 24 | 16 | 2 |
| 3296−29 | Nut−Lock | 30 | 9 | 4 |
| 3296−29 | Nut−Lock | 73 | 9 | 11 |
| 3296−29 | Nut−Lock | 36 | 19 | 15 |
| 3296−29 | Nut−Lock | 35 | 20 | 2 |
| 3296−29 | Nut−Lock | 6 | 23 | 8 |
| 3296−29 | Nut−Lock | 7 | 23 | 10 |
| 3296−29 | Nut−Lock | 65 | 26 | 8 |
| 3296−29 | Nut−Lock | 22 | 29 | 1 |
| 3296−29 | Nut−Lock | 18 | 30 | 4 |
| 3296−29 | Nut−Lock | 71 | 45 | 3 |
| 3296−29 | Nut−Lock | 34 | 59 | 2 |
| 3296−39 | Nut−Lock | 68 | 5 | 2 |
| 3296−39 | Nut−Lock | 35 | 6 | 4 |
| 3296−39 | Nut−Lock | 7 | 9 | 3 |
| 3296−39 | Nut−Lock | 36 | 28 | 1 |
| 3296−39 | Nut−Lock | 73 | 31 | 6 |
| 3296−39 | Nut−Lock | 24 | 35 | 2 |
| 3296−39 | Nut−Lock | 6 | 38 | 1 |
| 3296−39 | Nut−Lock | 72 | 52 | 2 |
| 3296−42 | Nut−Lock | 1 | 13 | 7 |
| 3296−42 | Nut−Lock | 14 | 15 | 2 |
| 3296−42 | Nut−Lock | 18 | 21 | 4 |
| 3296−42 | Nut−Lock | 11 | 22 | 4 |
| 3296−42 | Nut−Lock | 33 | 25 | 7 |
| 3296−42 | Nut−Lock | 4 | 30 | 2 |
| 3296−42 | Nut−Lock | 22 | 32 | 1 |
| 3296−44 | Nut−Lock | 8 | 22 | 1 |
| 3296−44 | Nut−Lock | 71 | 23 | 4 |
| 3296−48 | Nut−Lock | 24 | 45 | 4 |
| 3296−51 | Nut−Lock | 71 | 19 | 6 |
| 3296−54 | Nut−Lock | 7 | 4 | 4 |
| 3296−56 | Nut−Lock | 24 | 4 | 2 |
| 3296−59 | Nut−Lock | 6 | 22 | 1 |
| 3296−59 | Nut−Lock | 37 | 56 | 1 |
| 32104−76 | Screw−Thread Forming | 72 | 48 | 2 |
| 32105−13 | Screw−HH | 11 | 17 | 4 |
| 32105−21 | Screw | 30 | 4 | 2 |
| 32108−9 | Screw−Machine | 24 | 12 | 1 |
| 32120−74 | Ring−Retaining | 29 | 53 | 1 |
| 32120−93 | Ring−Retaining | 73 | 25 | 4 |
| 32120−93 | Ring−Retaining | 71 | 29 | 6 |
| 32121−2 | Pin−Roll | 36 | 4 | 2 |
| 32121−6 | Pin−Roll | 6 | 9 | 1 |
| 32121−16 | Pin−Roll | 6 | 32 | 1 |
| 32121−27 | Pin−Roll | 71 | 2 | 3 |
| 32121−27 | Pin−Roll | 74 | 62 | 2 |
| 32121−38 | Pin−Roll | 7 | 22 | 1 |
| 32121−45 | Pin−Roll | 6 | 10 | 2 |
| 32121−50 | Pin−Roll | 6 | 41 | 1 |
| 32121−122 | Pin−Roll | 73 | 44 | 2 |
| 32121−122 | Pin−Roll | 72 | 55 | 3 |
| 32122−24 | Screw−Round Hd. | 22 | 9 | 5 |
| 32128−20 | Nut−Flange Lock | 19 | 18 | 2 |
| 32128−20 | Nut−Lock | 65 | 21 | 3 |
| 32128−20 | Nut−Whiz | 33 | 8 | 8 |
| 32128−25 | Nut−Flange | 7 | 38 | 4 |
| 32128−26 | Nut−Flange | 8 | 21 | 4 |
| 32128−33 | Nut−Flange Head | 2 | 45 | 3 |
| 32128−33 | Nut−Lock | 65 | 9 | 2 |
| 32128−33 | Nut−Lock | 19 | 10 | 4 |
| 32128−33 | Nut−Lock, Flange Hd. | 12 | 55 | 3 |
| 32128−36 | Nut−HFH | 37 | 67 | 3 |
| 32144−5 | Nut | 26 | 1 | 8 |
| 32144−10 | Screw−HWH | 14 | 33 | 2 |
| 32144−14 | Screw−HH | 37 | 64 | 2 |
| 32144−14 | Screw−HWH | 2 | 49 | 2 |
| 32144−14 | Screw−Self Tapping | 72 | 66 | 3 |
| 32144−18 | Screw−HH | 11 | 46 | 2 |
| 32144−21 | Screw | 4 | 6 | 1 |
| 32144−22 | Screw−HH | 30 | 13 | 4 |
| 32144−26 | Screw−TAP | 4 | 1 | 2 |
| 32144−58 | Screw−HSH | 20 | 32 | 4 |
| 32144−112 | Screw−HH | 24 | 8 | 8 |
| 32144−112 | Screw−Thread Forming | 26 | 13 | 8 |
| 32151−36 | Ring−Retaining | 68 | 7 | 2 |
| 32151−36 | Ring−Retaining | 74 | 47 | 4 |
| 32151−41 | Ring−Retaining | 21 | 13 | 1 |
| 32151−48 | Ring−Retaining | 73 | 5 | 2 |
| 32151−48 | Ring−Retaining | 71 | 20 | 3 |
| 32151−61 | Ring−Retaining | 73 | 18 | 4 |
| 32151−62 | Ring−Retaining | 24 | 38 | 1 |
| 32151−77 | Ring−Retaining | 68 | 40 | 1 |
| 32152−10 | Nut | 75 | 2 | 1 |
| 32152−10 | Nut | 76 | 2 | 1 |
| 32152−10 | Nut | 77 | 2 | 1 |
| 32152−10 | Nut | 78 | 2 | 1 |
| 32153−6 | Nut−Lock | 68 | 6 | 2 |
| 33014−00 | Nut−Lock | 35 | 11 | 4 |
| 33024−00 | Nut−Lock | 35 | 13 | 1 |
| 33094−00 | Washer−Flat | 35 | 8 | 2 |
| 33103−025 | Screw−HHF | 22 | 25 | 3 |
| 33104−020 | Screw−HFH | 14 | 38 | 6 |
| 33105−025 | Screw−HH | 14 | 36 | 3 |
| 33114−016 | Screw−HH | 36 | 35 | 2 |
| 33114−020 | Screw−HH | 35 | 29 | 2 |
| 33114−025 | Screw−HH | 35 | 15 | 5 |
| 340−1 | Fitting−Hydraulic Straight | 19 | 19 | 2 |
| 340−1 | Fitting−Hydraulic Straight | 16 | 40 | 2 |
| 340−1 | Fitting−Straight | 72 | 64 | 2 |
| 340−2 | Fitting−Hydraulic Straight | 18 | 15 | 2 |
| 340−3 | Fitting−Hydraulic Straight | 31 | 16 | 1 |
| 340−3 | Fitting−Hydraulic, Straight | 24 | 19 | 2 |
| 340−4 | Fitting−Hydraulic Straight | 16 | 5 | 1 |
| 340−4 | Fitting−Hydraulic Straight | 31 | 10 | 2 |
| 340−8 | Fitting−Hydraulic Straight | 14 | 11 | 2 |
| 340−70 | Nut−Bulkhead | 20 | 11 | 2 |
| 340−71 | Fitting−Hydraulic | 20 | 31 | 2 |
| 340−77 | Fitting−Hydraulic 90˚ | 14 | 22 | 1 |
| 340−77 | Fitting−Hydraulic 90˚ | 18 | 27 | 1 |
| 340−82 | Fitting−Hydraulic 90˚ | 15 | 47 | 2 |
| 340−87 | Fitting−Hydraulic 45˚ | 14 | 27 | 1 |
| 340−92 | Fitting−Hydraulic Straight | 19 | 3 | 4 |
| 340−92 | Fitting−Hydraulic Straight | 16 | 17 | 2 |
| 340−92 | Fitting−Hydraulic Straight | 18 | 26 | 4 |
| 340−98 | Fitting−Hydraulic 90˚ | 16 | 2 | 2 |
| 340−98 | Fitting−Hydraulic 90˚ | 20 | 7 | 10 |
| 340−101 | Fitting−Hydraulic 45˚ | 16 | 10 | 2 |
| 340−101 | Fitting−Hydraulic 45˚ | 17 | 11 | 1 |
| 340−103 | Fitting−Hydraulic 45˚ | 20 | 3 | 5 |
| 340−103 | Fitting−Hydraulic 45˚ | 68 | 32 | 2 |
| 340−103 | Fitting−Hydraulic 45˚ | 73 | 13 | 1 |
| 340−124 | Fitting−Straight | 34 | 48 | 2 |
| 340−127 | Nut−Bulkhead | 20 | 12 | 4 |
| 340−132 | Fitting−Hydraulic 90˚ | 18 | 3 | 3 |
| 340−132 | Fitting−Hydraulic 90˚ | 71 | 4 | 5 |
| 340−132 | Fitting−Hydraulic 90˚ | 19 | 8 | 1 |
| 340−132 | Fitting−Hydraulic 90˚ | 73 | 22 | 3 |
| 340−139 | Fitting−Hydraulic 90˚ | 16 | 23 | 1 |
| 340−139 | Fitting−Hydraulic 90˚ | 14 | 35 | 1 |
| 340−143 | Fitting−Hydraulic 90˚ | 19 | 11 | 1 |
| 340−143 | Fitting−Hydraulic 90˚ | 17 | 18 | 1 |
| 340−143 | Fitting−Hydraulic 90˚ | 16 | 32 | 1 |

*Not Illustrated

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| 340–143 | Fitting–Hydraulic 90˚ | 72 | 70 | 1 |
| 351–78 | Edging | 7 | 1 | 1 |
| 351–80 | Clip | 7 | 40 | 1 |
| 353–508 | Plug–Hydraulic | 14 | 40 | 1 |
| 353–512 | Fitting–Hydraulic Plug | 19 | 5 | 2 |
| 353–550 | Plug–Drain | 14 | 44 | 1 |
| 353–599 | Pin–Dowel | 21 | 3 | 2 |
| 353–682 | Fitting–Hydraulic Straight | 14 | 20 | 1 |
| 353–783 | Fitting–Fuel | 22 | 3 | 1 |
| 353–783 | Fitting–Fuel | 65 | 35 | 1 |
| 353–989 | Plug | 17 | 6 | 2 |
| 353–990 | Plug | 17 | 2 | 11 |
| 353–991 | Plug | 17 | 17 | 2 |
| 354–20 | Fitting–Fuel Tee | 22 | 15 | 1 |
| 354–21 | Fitting–Fuel Straight | 22 | 14 | 1 |
| 354–22 | Fitting–Fuel, Straight | 22 | 13 | 1 |
| 354–46 | Ring–Seal | 21 | 8 | 1 |
| 354–50 | Screw–HSH | 21 | 1 | 4 |
| 354–51 | Washer | 21 | 2 | 4 |
| 354–70 | Plug | 17 | 21 | 1 |
| 354–72 | Fitting–Hydraulic 45˚ | 24 | 42 | 1 |
| 354–73 | Fitting–Hydraulic Straight | 14 | 24 | 2 |
| 354–74 | Fitting–Hydraulic Plug | 14 | 16 | 1 |
| 354–75 | Fitting–Hydraulic 90˚ | 24 | 40 | 1 |
| 354–77 | Fitting–Hydraulic Test Port | 24 | 23 | 1 |
| 354–77 | Fitting–Test Port | 16 | 11 | 2 |
| 354–78 | Fitting–Hydraulic | 31 | 3 | 1 |
| 354–79 | Cap–Test Port | 16 | 12 | 2 |
| 354–79 | Cap–Test Port | 24 | 24 | 1 |

*Not Illustrated

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## IDENTIFICATION AND ORDERING

**MODEL AND SERIAL NUMBERS**

The Reelmaster® 5200D has two identification numbers; a model number and a serial number. The two numbers are stamped on a decal which is located on the traction unit frame under the seat. In any correspondence concerning the Reelmaster 5200D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:
1. Model and serial number of the Reelmaster 5200D.
2. Part number, description, and the quantity of part(s) desired.

**NOTE**: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

## COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state.

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.

# MAINTENANCE RECORD

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# MAINTENANCE RECORD

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