Form No. 3382-999 Rev B

TORO®

Count on it.

Parts Catalog

# STX-38 EFI Stump Grinder with Intelli-Sweep®

**Model No. 23214—Serial No. 314000001 and Up**

Register at www.Toro.com.
Original Instructions (EN)

CE

*3382-999* B

# Ordering Replacement Parts

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

**Understanding Reference Numbers**

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

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

**Service Assembly Reference Numbers**

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

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

**Reference Numbers Indicating Quantity**

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

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

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**8111 Lyndale Avenue South**
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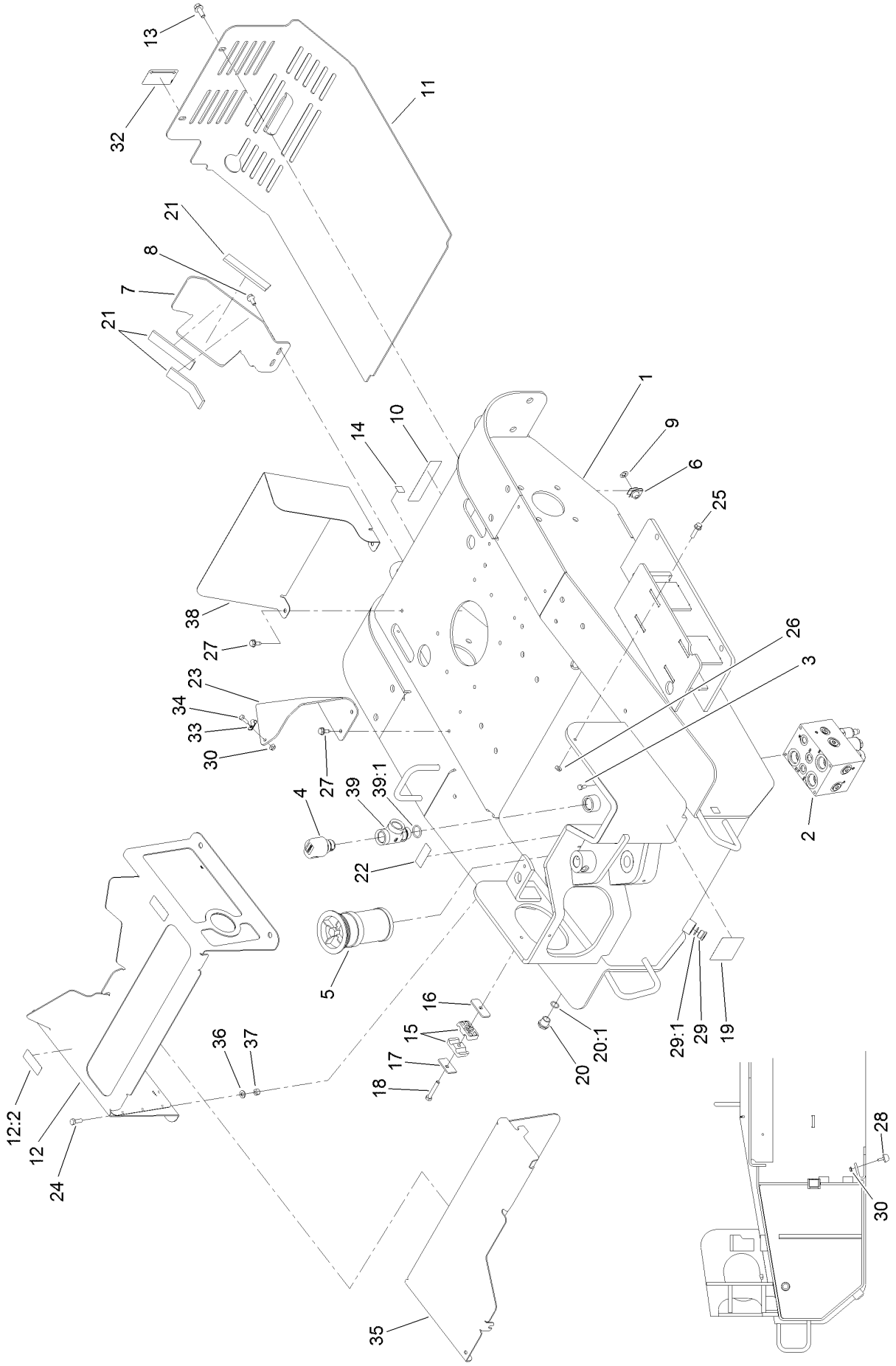
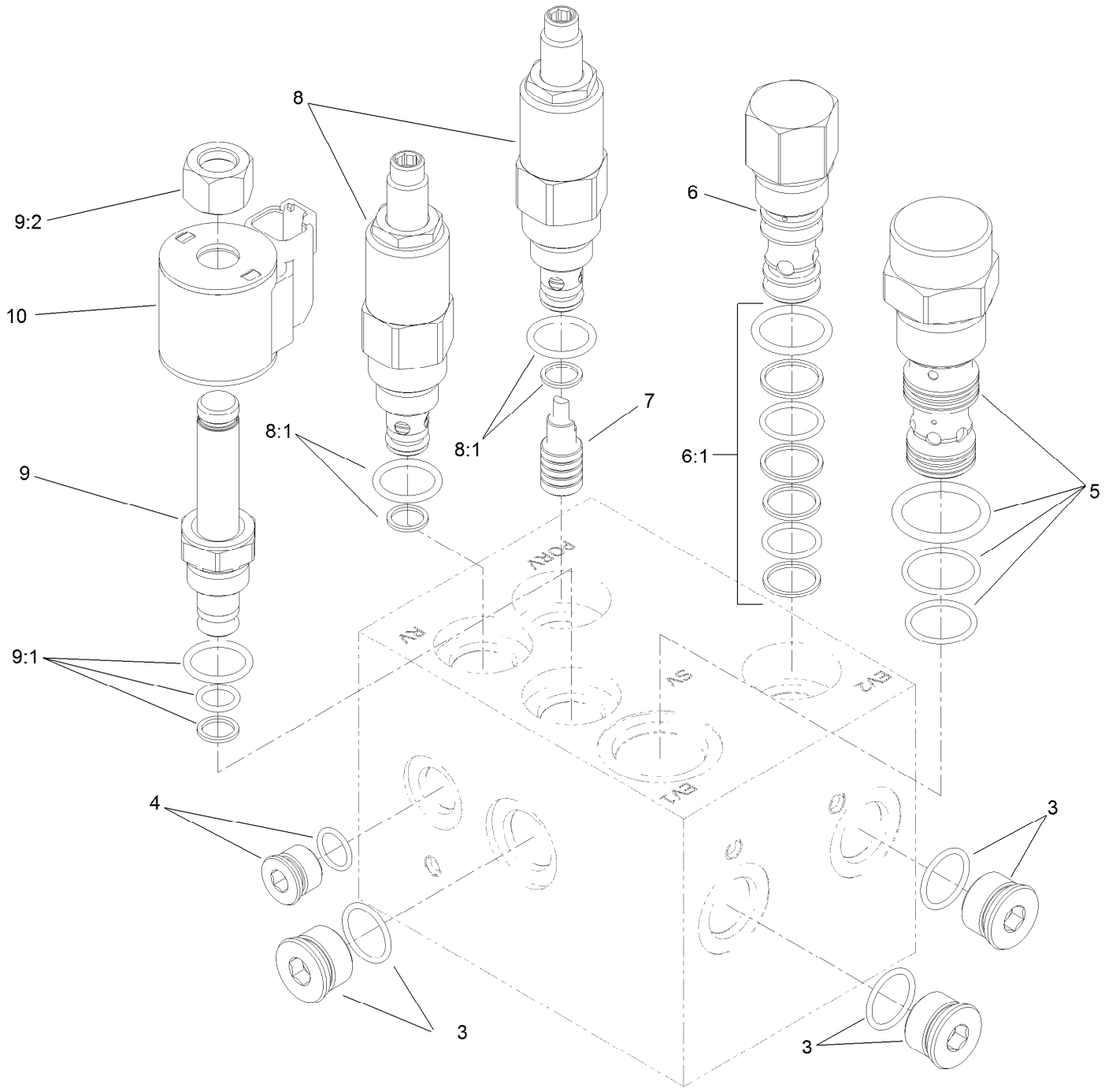
# Main Frame Assembly



# Main Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-4535 | 1 | Frame-Main |
| 2 | 121-1022 | 1 | Valve-Cutter |
| 3 | 321-3 | 4 | Screw-HH |
| 4 | 115-9793 | 1 | Breather |
| 5 | 115-5745 | 1 | Cartridge-Filter |
| 6 | 105-4886 | 2 | Nut-Tinnerman |
| 7 | 121-1141-01 | 1 | Bracket-Tank |
| 8 | 3234-47 | 2 | Screw-HHF |
| 9 | 107-3154 | 2 | Nut-Push |
| 10 | 93-7814 | 1 | Decal-Danger |
| 11 | 121-4532 | 1 | Cover-Rear |
| 12 | 121-4562 | 1 | Muffler Cover ASM |
| 12:2 | 115-2047 | 2 | Decal-Surface, Hot |
| 13 | 3234-11 | 2 | Screw-HHF |
| 14 | 93-9084 | 4 | Decal-Point, Lift |
| 15 | 56-7976 | 2 | Clamp-Tube |
| 16 | 119-4636 | 1 | Plate-Clamp |
| 17 | 69-9760 | 1 | Plate-Cover |
| 18 | 322-10 | 1 | Screw-HH |
| 19 | 100-4650 | 1 | Decal-Warning |
| 20 | 114-3075 | 1 | Sight Glass ASM |
| 20:1 | 237-79 | 1 | O-Ring |
| 21 | 121-0894 | 3 | Pad-Foam |
| 22 | 93-6686 | 1 | Decal-Oil, HYD |
| 23 | 127-9641-01 | 1 | Plate-Dflector,RH |
| 24 | 322-5 | 4 | Screw-HH |
| 25 | 3234-36 | 2 | Screw-HHF |
| 26 | 117-2749 | 2 | Nut-Push |
| 27 | 32144-70 | 4 | Screw-HWHTF |
| 28 | 1-523420 | 2 | Bumper |
| 29 | 353-988 | 1 | Plug-Hex |
| 29:1 | 237-79 | 1 | O-Ring |
| 30 | 32128-33 | 3 | Nut-HF |
| 32 | 93-9363 | 1 | Decal-Brake, Parking |
| 33 | 2412-72 | 1 | Clip-Closed, Insulated |
| 34 | 321-4 | 1 | Screw-HH |
| 35 | 125-0380-03 | 1 | Cover-Front |
| 36 | 3256-23 | 4 | Washer-Plain |
| 37 | 3296-29 | 4 | Nut-Lock, NI |
| 38 | 127-9644-01 | 1 | Bracket-Deflector |
| 39 | 130-7571 | 1 | Fitting-Tee |
| 39:1 | 237-81 | 1 | O-Ring |

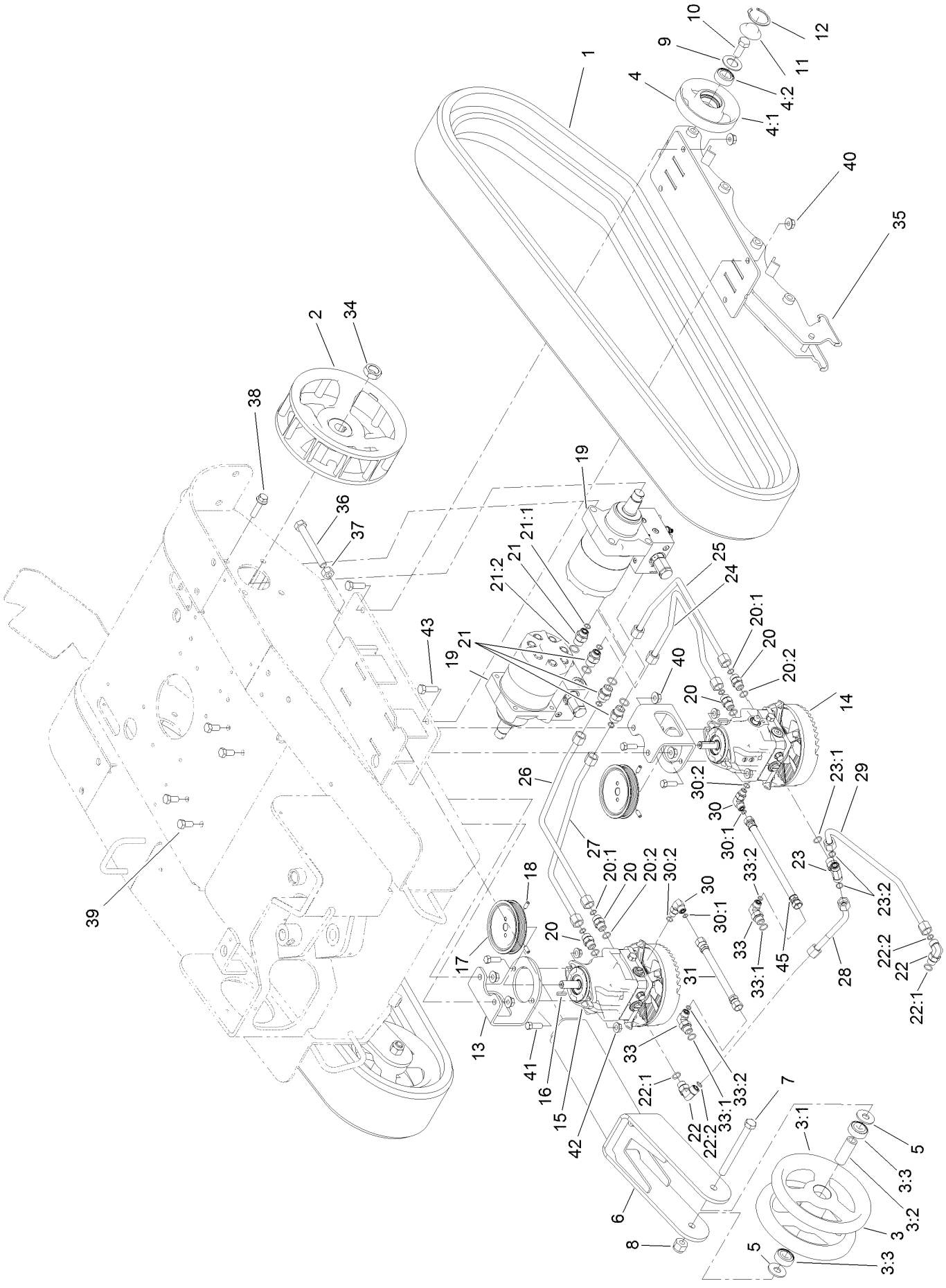
# Cutter Valve Assembly No. 121-1022



# Cutter Valve Assembly No. 121-1022 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 3 | 112-9214 | 3 | Plug |
| 4 | 112-9213 | 1 | Plug |
| 5 | 121-4561 | 1 | Element-Logic, Vented |
| 6 | 105-9153 | 1 | Element-Logic, Vented |
| 6:1 | 119-2159 | 1 | Seal Kit |
| 7 | 105-9157 | 1 | Piston-Pilot |
| 8 | 119-4620 | 2 | Valve-Relief |
| 8:1 | 105-9156 | 1 | Seal Kit |
| 9 | 107-7517 | 1 | Valve-Solenoid |
| 9:1 | 105-9156 | 1 | Seal Kit |
| 9:2 | 107-7812 | 1 | Nut-Solenoid |
| 10 | 112-0197 | 1 | E Coil-12V DC |

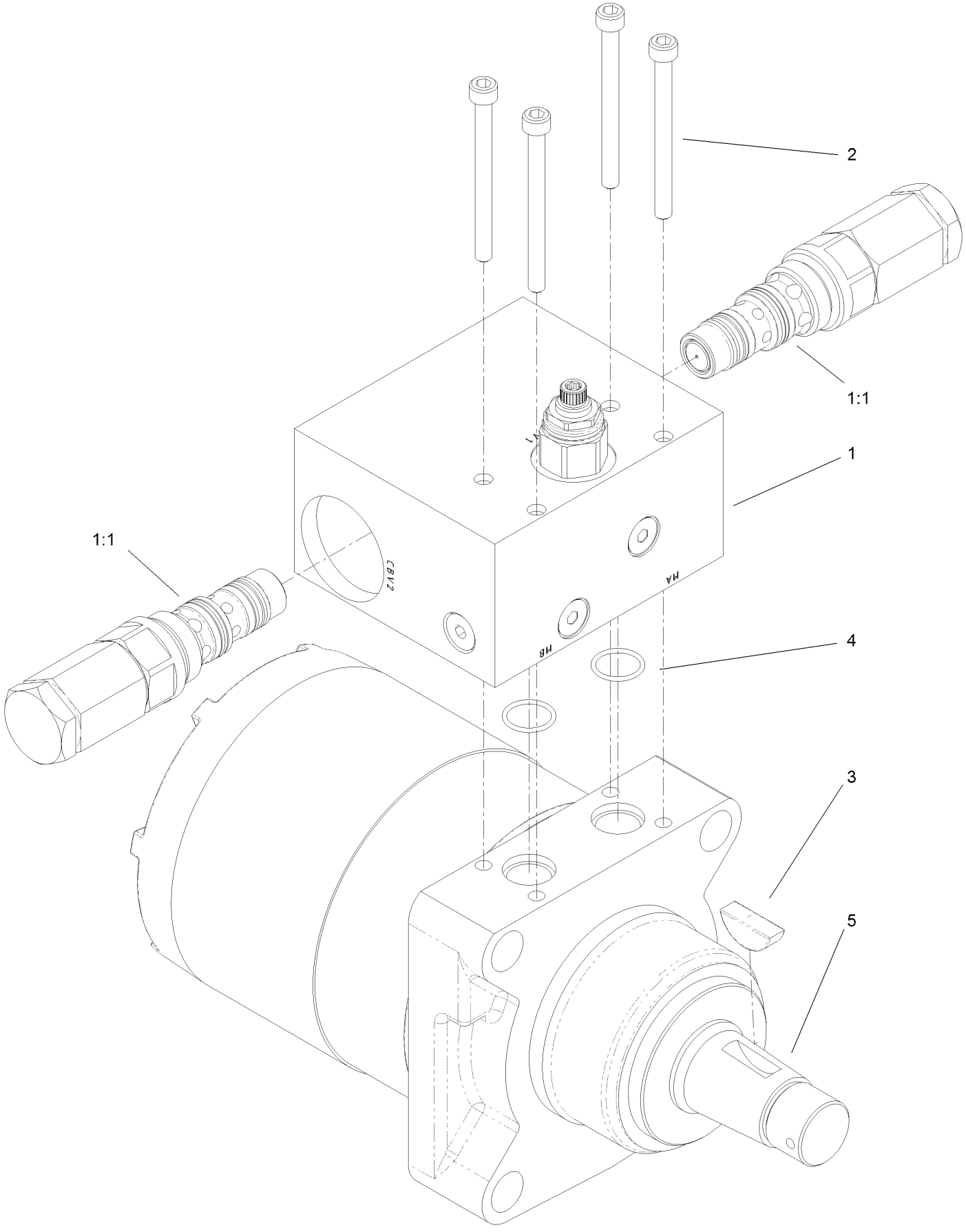
# Track and Drive Assembly



# Track and Drive Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-1021 | 2 | Track-Rubber |
| 2 | 117-6426-03 | 2 | Wheel-Drive |
| 3 | 104-5745 | 2 | Tensioner Wheel ASM |
| 3:1 | 104-5747-03 | 1 | Wheel-Tensioner |
| 3:2 | 98-9835 | 1 | Spacer-Wheel, Tensioner |
| 3:3 | 120-5378 | 2 | Bearing-Ball |
| 4 | 112-4817 | 16 | Wheel-Tensioner |
| 4:1 | 114-3014-03 | 1 | Wheel-Track |
| 4:2 | 120-5378 | 1 | Bearing-Ball |
| 5 | 3256-7 | 4 | Washer-Flat |
| 6 | 121-1018-03 | 2 | Arm-Tensioner |
| 7 | 327-17 | 2 | Screw-HH |
| 8 | 3296-24 | 2 | Nut-Hex |
| 9 | 106-7585 | 16 | Gasket-Bogie |
| 10 | 327-4 | 16 | Screw-HH |
| 11 | 106-7557 | 16 | Cap-Wheel, Bearing |
| 12 | 106-7595 | 16 | Ring-Snap, Internal |
| 13 | 115-1289-01 | 2 | Bracket-Mount, Pump |
| 14 | 121-1953 | 1 | Pump-HYD, LH |
| 15 | 121-1954 | 1 | Pump-HYD, RH |
| 16 | 80-6090 | 2 | Key-Pump |
| 17 | 109-2202 | 2 | Sheave |
| 18 | 3246-6 | 4 | Screw-Set, HSH |
| 19 | 121-1957 | 2 | HYD Motor ASM |
| 20 | 340-4 | 4 | Fitting-Straight |
| 20:1 | 237-30 | 1 | O-Ring |
| 20:2 | 237-79 | 1 | O-Ring |
| 21 | 340-6 | 4 | Fitting-Straight |
| 21:1 | 237-30 | 1 | O-Ring |
| 21:2 | 237-80 | 1 | O-Ring |
| 22 | 340-98 | 2 | Fitting-Elbow, 90 DEG |
| 22:1 | 237-79 | 1 | O-Ring |
| 22:2 | 237-30 | 1 | O-Ring |
| 23 | 340-157 | 1 | Fitting-HYD, Tee |
| 23:1 | 237-79 | 1 | O-Ring |
| 23:2 | 237-30 | 2 | O-Ring |
| 24 | 121-1124 | 1 | Tube-HYD |
| 25 | 121-1125 | 1 | Tube-HYD |
| 26 | 121-1126 | 1 | Tube-HYD |
| 27 | 121-1127 | 1 | Tube-HYD |
| 28 | 121-1198 | 1 | Tube-HYD |
| 29 | 121-1130 | 1 | Tube-HYD |
| 30 | 340-77 | 2 | Fitting-Elbow, 90 DEG |
| 30:1 | 237-22 | 1 | O-Ring |
| 30:2 | 237-42 | 1 | O-Ring |
| 31 | 94-4712 | 1 | Hose-HYD |
| 33 | 340-18 | 2 | Fitting-HYD, 90 DEG |
| 33:1 | 237-79 | 1 | O-Ring |
| 33:2 | 237-22 | 1 | O-Ring |
| 34 | 106-8159 | 2 | Nut-Lock |
| 35 | 121-0883-01 | 2 | Mount-Wheel |
| 36 | 125-0357 | 2 | Screw-HH, TAP |
| 37 | 3217-11 | 2 | Nut-Hex |
| 38 | 3234-27 | 8 | Screw-HHF |
| 39 | 325-4 | 4 | Screw-HH |
| 40 | 32128-49 | 12 | Nut-HHF |
| 41 | 324-5 | 4 | Screw-HH |
| 42 | 32128-42 | 4 | Nut-HF |
| 43 | 325-6 | 8 | Screw-HH |
| 45 | 76-9420 | 1 | Hose-HYD |

# Hydraulic Motor Assembly No. 121-1957

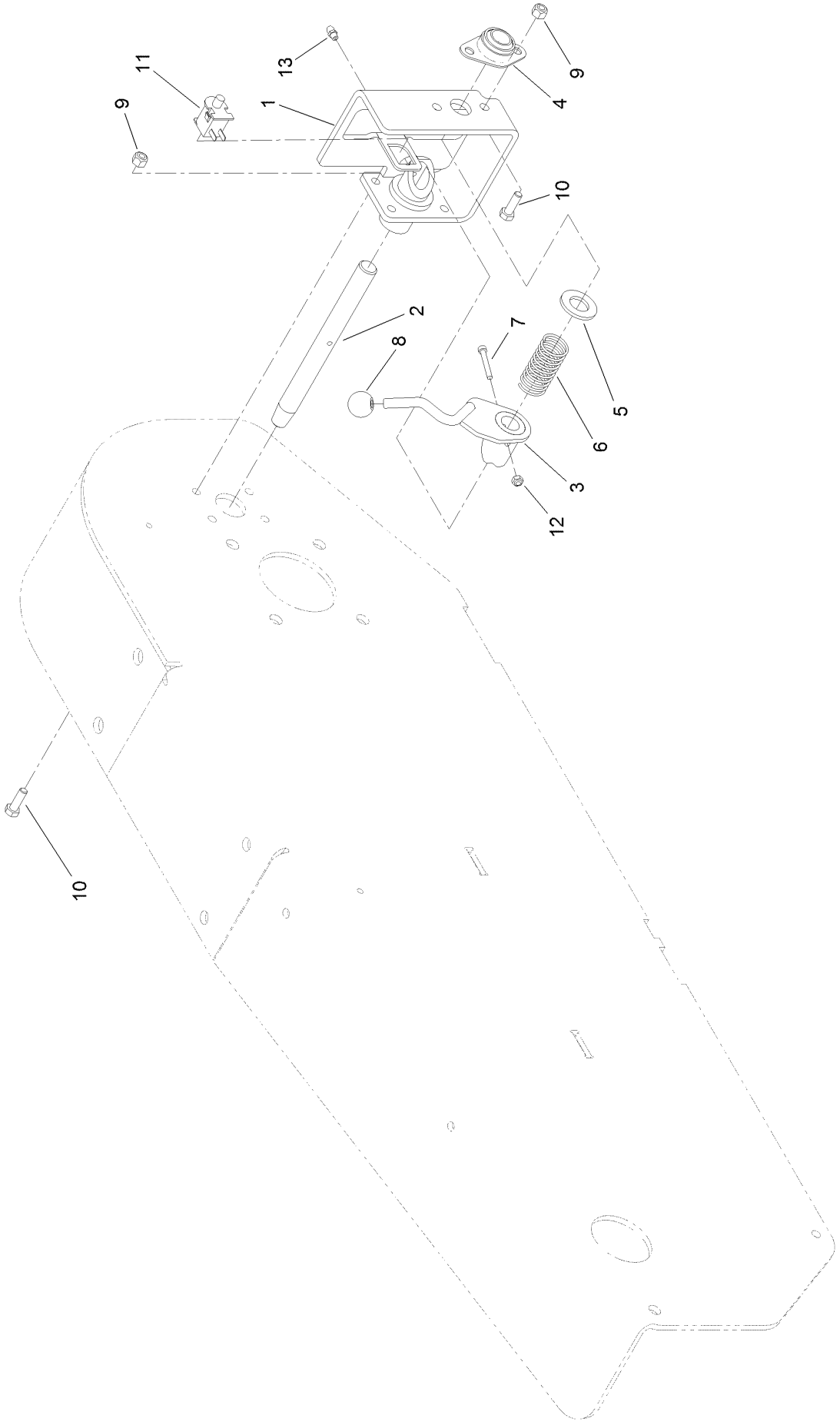


# Hydraulic Motor Assembly No. 121-1957 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-4464 | 1 | Counterbalance Valve ASM |
| 1:1 | 121-4463 | 2 | Cartridge-CB |
| 2 | 119-4611 | 4 | Bolt-HSH |
| 3 | 3257-42 | 1 | Key-Woodruff |
| 4 | 120-0691 | 2 | O-Ring |
| 5 | 76-0860 | 1 | Shaft-Coupling |
| 6 | 100-6131 | 1 | Seal Kit ● |

● Not illustrated

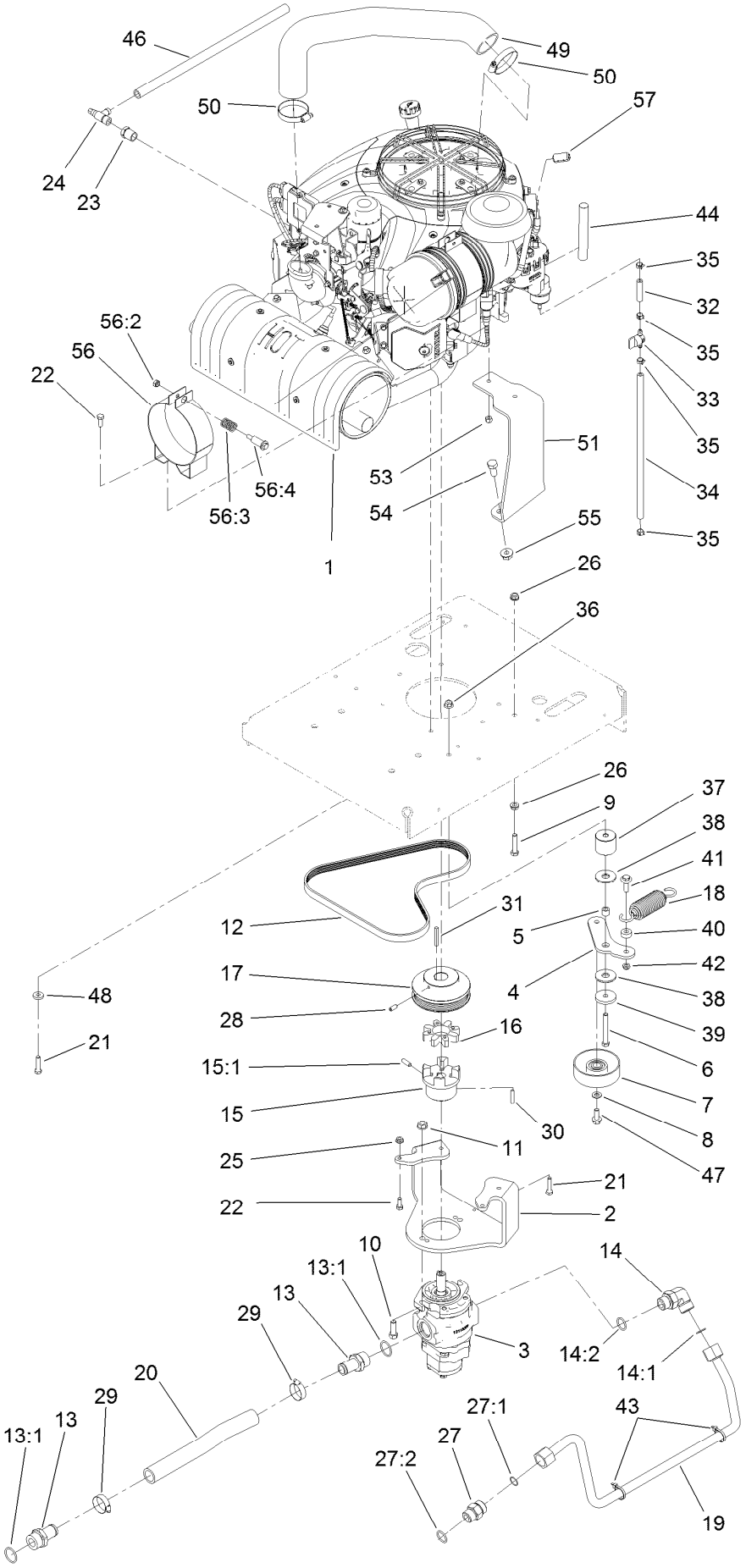
# Parking Brake Assembly



# Parking Brake Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-0259-03 | 1 | Bracket-Brake |
| 2 | 121-4352 | 1 | Shaft-Brake |
| 3 | 121-4356-03 | 1 | Handle-Brake |
| 4 | 27-2320 | 1 | Bearing |
| 5 | 3256-28 | 1 | Washer-Flat |
| 6 | 125-0344 | 1 | Spring-Compression |
| 7 | 3274-59 | 1 | Screw-HSH |
| 8 | 233-69 | 1 | Knob |
| 9 | 3296-29 | 6 | Nut-Lock, NI |
| 10 | 322-5 | 6 | Screw-HH |
| 11 | 740275 | 1 | Switch |
| 12 | 3296-2 | 1 | Nut-Lock, NI |
| 13 | 302-5 | 1 | Fitting-Grease |

# Engine Assembly



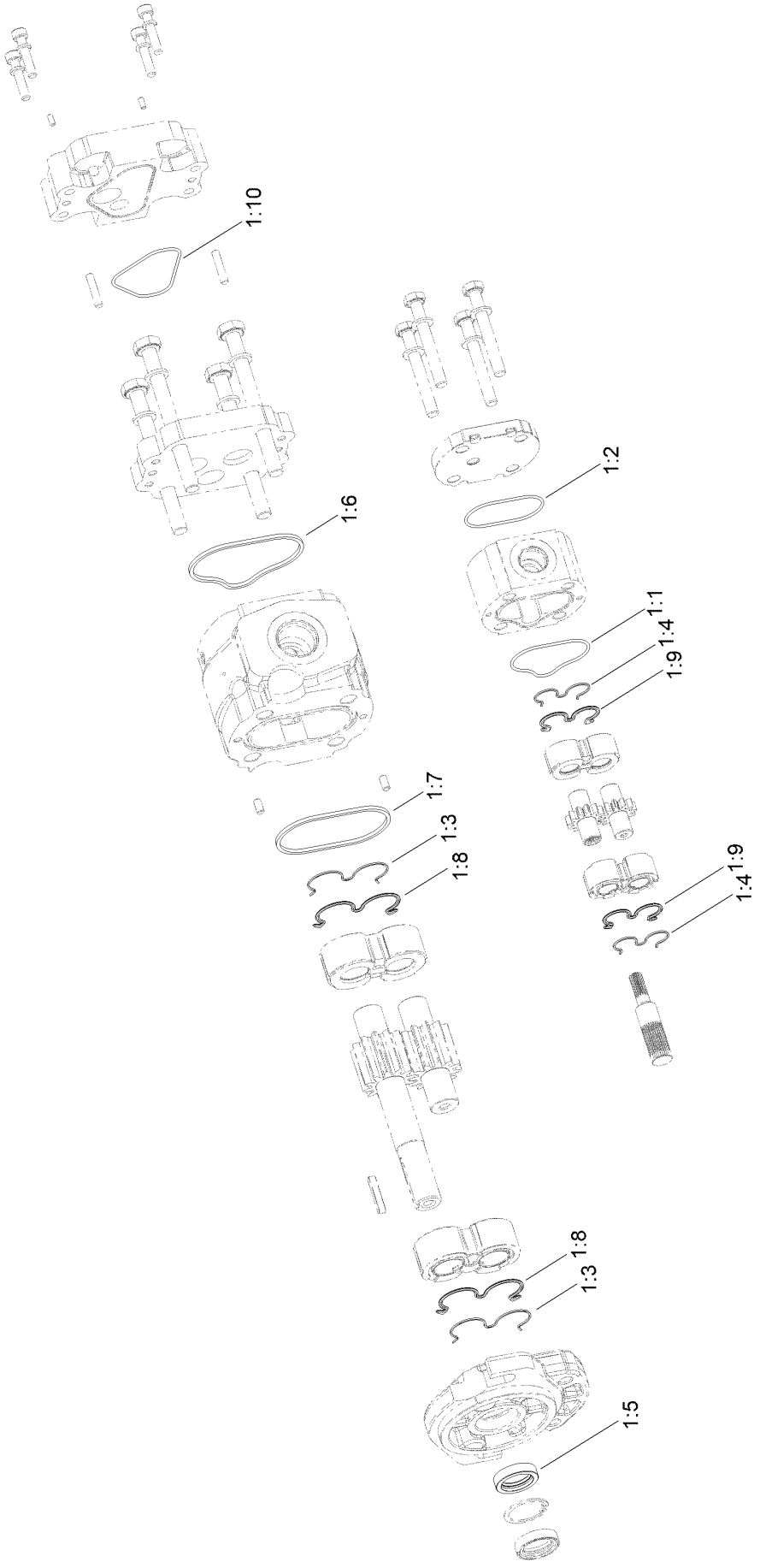
# Engine Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | | 1 | Engine-Kohler, Ecv980 ●■ |
| 2 | 114-2912-01 | 1 | Mount-Pump |
| 3 | 121-1952 | 1 | Gear Pump ASM |
| 4 | 125-0252 | 1 | Arm-Idler |
| 5 | 1-413088 | 1 | Bushing-Lever, Lift |
| 6 | 323-14 | 1 | Screw-HH |
| 7 | 95-8802 | 1 | Pulley-Idler |
| 8 | 3256-24 | 1 | Washer-Plain |
| 9 | 323-9 | 1 | Screw-HH |
| 10 | 324-5 | 2 | Screw-HH |
| 11 | 32128-37 | 2 | Nut-HF |
| 12 | 121-4326 | 1 | Belt-V |
| 13 | 354-78 | 2 | Fitting-STR |
| 13:1 | 237-146 | 1 | O-Ring |
| 14 | 340-142 | 1 | Fitting-Elbow, 90 DEG |
| 14:1 | 237-58 | 1 | O-Ring |
| 14:2 | 237-81 | 1 | O-Ring |
| 15 | 121-4330 | 1 | Hub-Coupler |
| 15:1 | 100-7594 | 1 | Screw-Set |
| 16 | 104-3542 | 1 | Spider |
| 17 | 121-1028 | 1 | Pulley-Engine |
| 18 | 121-4523 | 1 | Spring-Extension |
| 19 | 121-1128 | 1 | Tube-HYD |
| 20 | 121-4340 | 1 | Hose-Suction |
| 21 | 108-8647 | 4 | Screw-HH, Lock |
| 22 | 322-4 | 4 | Screw-HH |
| 23 | 103-1390 | 1 | Bushing |
| 24 | 103-1965 | 1 | Valve-Drain, Oil |
| 25 | 32128-20 | 2 | Nut-HF |
| 26 | 3290-357 | 2 | Nut-HSF |
| 27 | 340-9 | 1 | Fitting-STR |
| 27:1 | 237-58 | 1 | O-Ring |
| 27:2 | 237-81 | 1 | O-Ring |
| 28 | 3246-6 | 2 | Screw-Set, HSH |
| 29 | 2412-34 | 2 | Clamp-Hose |
| 30 | 27-8590 | 1 | Key-Square |
| 31 | 608006 | 1 | Key-Square |
| 32 | 99-9415 | 1 | Hose-Fuel |
| 33 | 1-603770 | 1 | Valve-Fuel |
| 34 | 109-0296 | 1 | Hose-Fuel |
| 35 | 2412-98 | 4 | Clamp-Hose |
| 36 | 104-8301 | 1 | Nut-HF, NI |
| 37 | 125-0251 | 1 | Spacer-Idler |
| 38 | 114-0463 | 2 | Washer-Friction, Composite |
| 39 | 110-9981 | 1 | Washer-Plain |
| 40 | 104-8426 | 1 | Spacer |
| 41 | 614672 | 1 | Screw-Shoulder, HWH |
| 42 | 3296-59 | 1 | Nut-Lock, NI |
| 43 | 3290-379 | 2 | Tie-Cable |
| 44 | 121-4403 | 1 | Sleeve-Thermal, |
| 46 | 98-4667 | 1 | Hose |
| 47 | 3234-11 | 1 | Screw-HHF |
| 48 | 104-7658 | 2 | Spacer |
| 49 | 121-4529 | 1 | Hose-Intake,Air |
| 50 | 2412-42 | 2 | Clamp-Hose |
| 51 | 121-4539-01 | 1 | Bracket-Mount, Filter |
| 53 | 3296-29 | 2 | Nut-Lock, NI |
| 54 | 325-4 | 2 | Screw-HH |
| 55 | 32128-49 | 2 | Nut-HHF |
| 56 | 100-4825 | 1 | Band-Mounting, Air Cleaner |
| 56:2 | 94-3653 | 1 | Bolt |
| 56:3 | 94-3654 | 1 | Spring |
| 56:4 | 48-9510 | 1 | *obs* Nut |
| 57 | 112-1540 | 1 | Ferrite-Snap On |

● Not serviced separately

■ Obtain parts from www.kohlerplus.com

# Hydraulic Gear Pump Assembly No. 121-1952



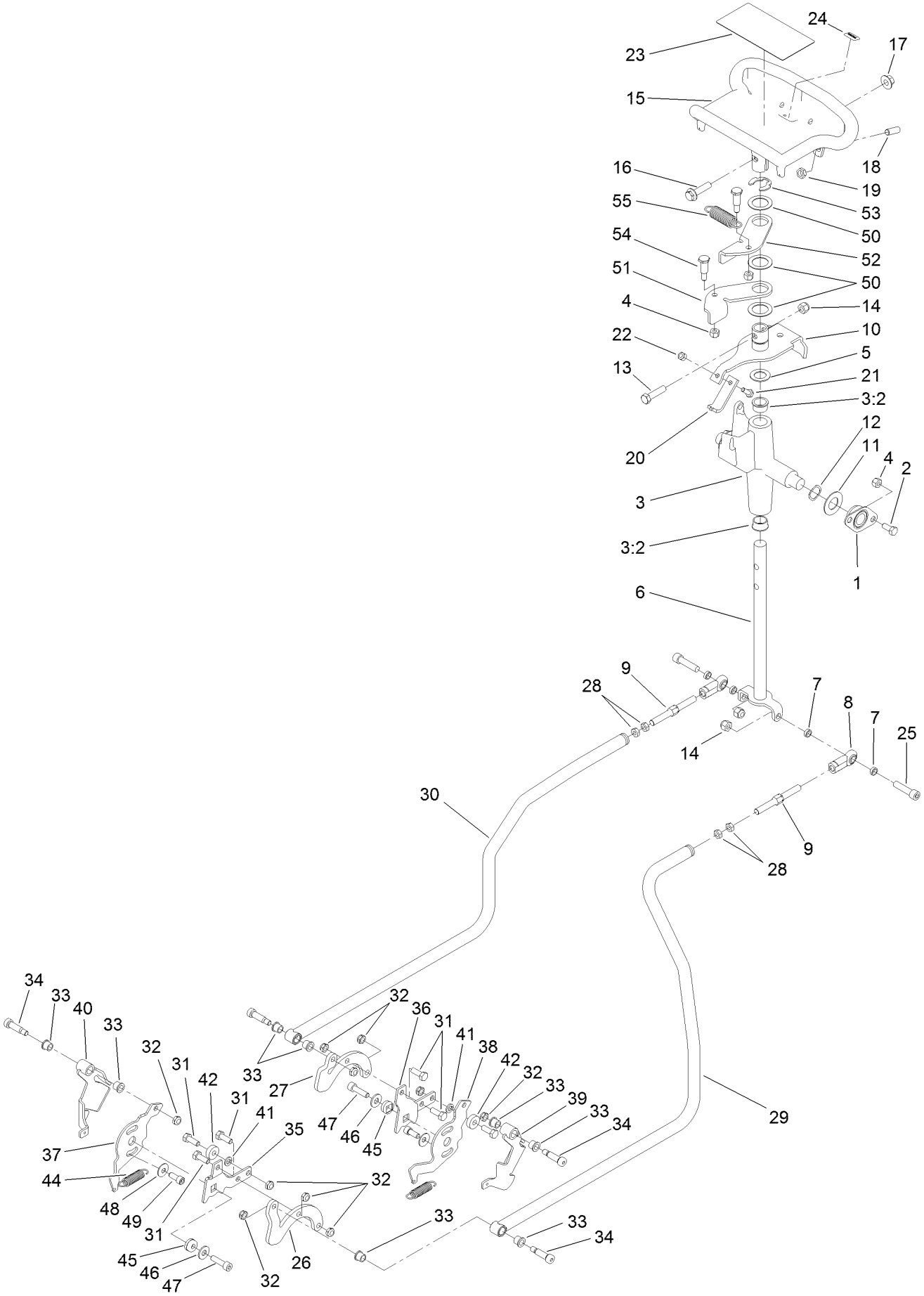

1 = ITEMS 1:1 - 1:10

# Hydraulic Gear Pump Assembly No. 121-1952 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 147-1924 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | | 1 | O-Ring Seal ● |
| 1:3 | | 2 | Anti-Extrusion ● |
| 1:4 | | 2 | Anti-Extrusion ● |
| 1:5 | | 2 | Shaft Seal ● |
| 1:6 | | 1 | Seal ● |
| 1:7 | | 1 | Standard Seal ● |
| 1:8 | | 2 | Seal ● |
| 1:9 | | 2 | Seal ● |
| 1:10 | | 1 | O-Ring Seal ● |

● Not serviced separately

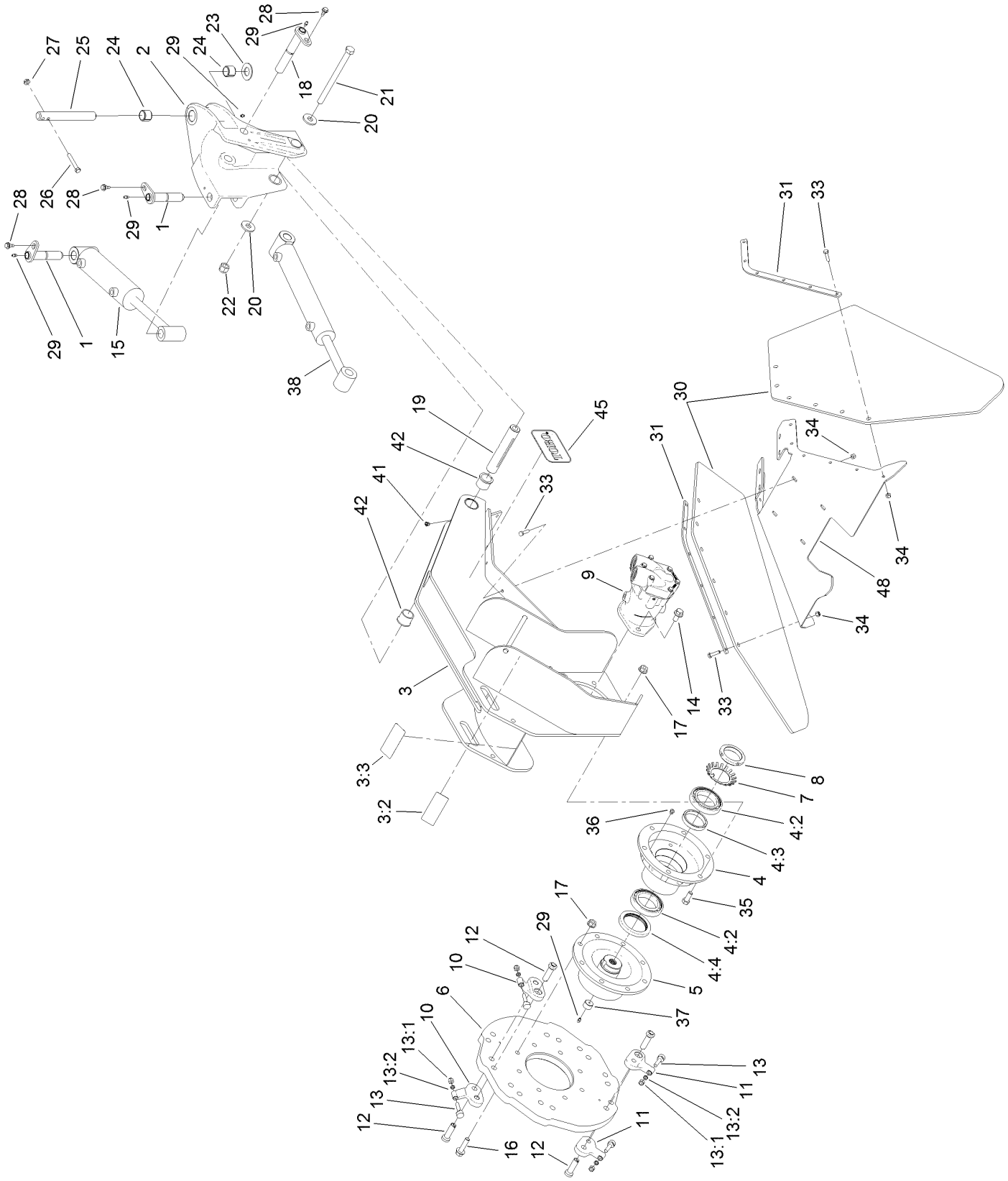
# Control Assembly



# Control Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 27-2320 | 2 | Bearing |
| 2 | 322-3 | 4 | Screw-HH |
| 3 | 106-5737 | 1 | Control Support ASM |
| 3:2 | 256-252 | 2 | Bearing-Flange |
| 4 | 3296-29 | 6 | Nut-Lock, NI |
| 5 | 257-8 | 1 | Washer-Thrust |
| 6 | 117-6335 | 1 | Rod-Drive |
| 7 | 108-0634 | 4 | Spacer-Plate, Retaining |
| 8 | 103-1167 | 2 | Joint-Ball End, LH |
| 9 | 121-4506 | 2 | Link-Control, Adjustment |
| 10 | 112-2783 | 1 | Lever-Pivot |
| 11 | 3256-39 | 2 | Washer-Flat |
| 12 | 95-3703 | 2 | Washer-Spring, Wave |
| 13 | 323-8 | 1 | Screw-HH |
| 14 | 3296-39 | 3 | Nut-Lock, NI |
| 15 | 120-5380-03 | 1 | Handle-Control |
| 16 | 3234-18 | 1 | Screw-HHF |
| 17 | 32128-43 | 1 | Nut-Flange |
| 18 | 3247-6 | 2 | Screw-Set |
| 19 | 3218-3 | 2 | Nut-Jam |
| 20 | 115-1204 | 1 | Plate-Neutral |
| 21 | 321-4 | 1 | Screw-HH |
| 22 | 3296-42 | 1 | Nut-Lock, NI |
| 23 | 115-4020 | 1 | Decal-Traction |
| 24 | 98-1459 | 1 | Decal |
| 25 | 3274-2 | 2 | Screw-HSH |
| 26 | 121-1123 | 1 | Plate-Control, LH |
| 27 | 121-1122 | 1 | Plate-Control, RH |
| 28 | 3220-3 | 4 | Nut-HJ |
| 29 | 121-4513 | 1 | Rod-Control, LH |
| 30 | 121-4514 | 1 | Rod-Control, RH |
| 31 | 322-4 | 6 | Screw-HH |
| 32 | 3296-47 | 10 | Nut-Lock,NI |
| 33 | 256-116 | 8 | Bushing-Flange |
| 34 | 114-8629 | 4 | Bolt-Shldr |
| 35 | 115-6628 | 1 | Plate-Arm, Return, LH |
| 36 | 115-6536 | 1 | Plate-Arm, Return |
| 37 | 115-6549 | 1 | Plate-Base, LH |
| 38 | 115-6535 | 1 | Plate-Base, RH |
| 39 | 115-6636 | 1 | Pivot-RH |
| 40 | 115-6637 | 1 | Pivot-LH |
| 41 | 3253-4 | 2 | Washer-Lock |
| 42 | 251-259 | 2 | Bearing-Ball |
| 44 | 121-4409 | 2 | Spring-Extension |
| 45 | 117-6429 | 2 | Lock-Trunion |
| 46 | 3256-3 | 2 | Washer-Flat |
| 47 | 94-3559 | 2 | Screw-HSH |
| 48 | 3290-456 | 2 | Washer-Belleville |
| 49 | 3273-14 | 2 | Screw-HSH |
| 50 | 108-9743 | 3 | Washer-Plain |
| 51 | 98-8407 | 1 | Lever-Return, RH |
| 52 | 98-8408 | 1 | Lever-Return, LH |
| 53 | 32151-91 | 1 | Ring-Retaining |
| 54 | 63-2650 | 2 | Screw-Shoulder |
| 55 | 108-4724 | 1 | Spring-Extension |

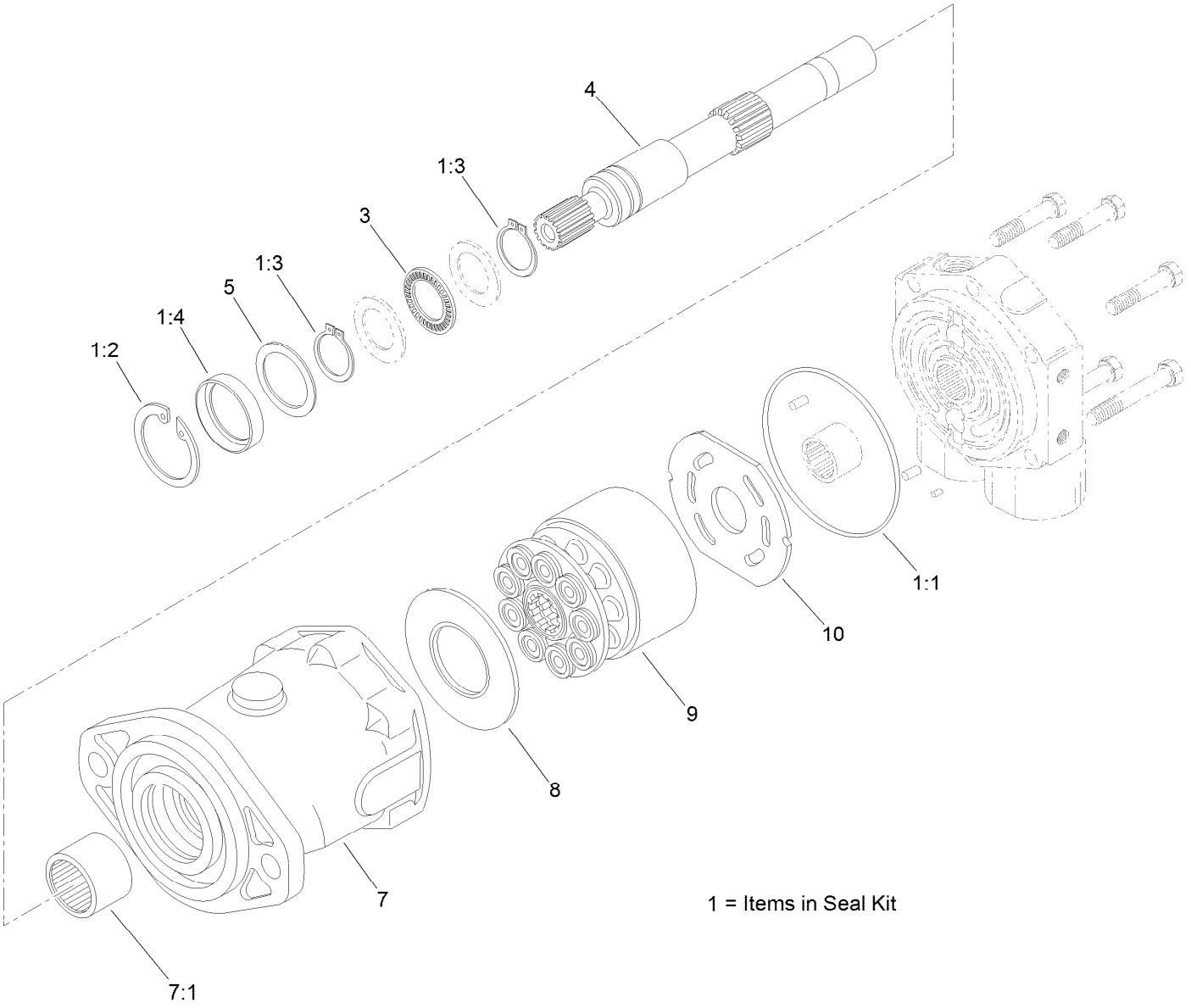
# Grinder Head Assembly



# Grinder Head Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-1113 | 2 | Pin-Pivot |
| 2 | 121-4565-01 | 1 | Head-Pivot |
| 3 | 121-4575 | 1 | Grinder Head ASM |
| 3:2 | 93-7321 | 2 | Decal-Danger |
| 3:3 | 107-9366 | 1 | Decal-Warning |
| 4 | 121-4458 | 1 | Wheel Bearing Housing ASM |
| 4:2 | 121-4378 | 2 | Bearing-Ball |
| 4:3 | 121-0872 | 1 | Spacer-Bearing |
| 4:4 | 121-4379 | 1 | Seal-Grease |
| 5 | 121-4337 | 1 | Shaft-Cutter |
| 6 | 121-1012-03 | 1 | Plate-Wheel, Cutter |
| 7 | 104-5915 | 1 | Washer-Lock, Bearing |
| 8 | 104-1973 | 1 | Nut-Lock, Bearing |
| 9 | 121-4325 | 1 | HYD Motor ASM |
| 10 | 115-9384 | 12 | Pocket-Angled |
| 11 | 115-9388 | 4 | Pocket-Straight |
| 12 | 121-4318 | 16 | Bolt-HSH |
| 13 | 115-9385 | 16 | Grinder Tooth ASM |
| 13:1 | 3296-39 | 1 | Nut-Lock, NI |
| 13:2 | 121-4365 | 1 | Spacer-Tooth |
| 14 | 3234-6 | 2 | Screw-HHF |
| 15 | 121-1956 | 1 | HYD Cylinder ASM |
| 16 | 3234-27 | 8 | Screw-HHF |
| 17 | 32128-49 | 14 | Nut-HHF |
| 18 | 121-0860 | 2 | Pin-Pivot |
| 19 | 121-4571 | 1 | Spacer-Pivot |
| 20 | 104-9216 | 2 | Washer-Hardened |
| 21 | 117-6327 | 1 | Bolt-HH |
| 22 | 3296-53 | 1 | Nut-Lock, NI |
| 23 | 256-121 | 1 | Washer-Thrust |
| 24 | 98-4871 | 2 | Bushing-Tension |
| 25 | 121-1112 | 1 | Pin-Pivot, Grinder |
| 26 | 323-47 | 1 | Screw-HH |
| 27 | 3290-357 | 1 | Nut-HSF |
| 28 | 99-5105 | 4 | Screw-Shoulder |
| 29 | 302-5 | 6 | Fitting-Grease |
| 30 | 121-4557 | 2 | Shield-Chip |
| 31 | 121-4558-03 | 2 | Plate-Clamp,Chip |
| 33 | 322-6 | 20 | Screw-HH |
| 34 | 3296-29 | 20 | Nut-Lock, NI |
| 35 | 325-5 | 6 | Screw-HH |
| 36 | 302-34 | 1 | Fitting-Lube |
| 37 | 121-0875 | 1 | Plug-Shaft, Cutter |
| 38 | 121-1955 | 1 | HYD Cylinder ASM |
| 41 | 302-11 | 1 | Fitting-Lube, 45 DEG |
| 42 | 104-0015 | 2 | Bushing-Flange |
| 45 | 104-3989 | 2 | Decal |
| 48 | 121-4548-03 | 1 | Plate-Mount,Guard |

# Hydraulic Motor Assembly No. 121-4325



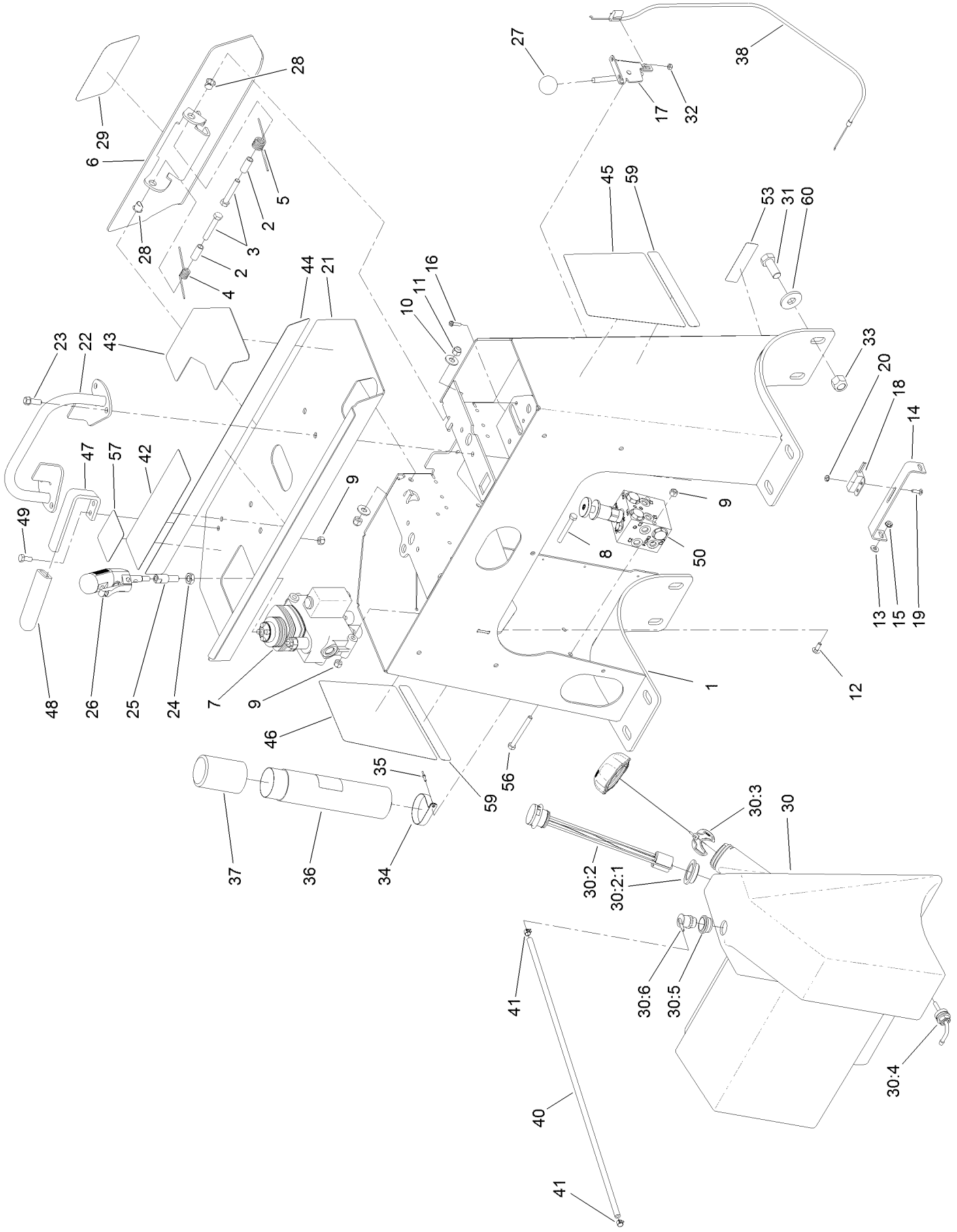

1 = Items in Seal Kit

# Hydraulic Motor Assembly No. 121-4325 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 106-6876 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | 76-7010 | 1 | Ring-Retaining |
| 1:3 | 76-7000 | 2 | Ring-Retaining |
| 1:4 | | 1 | Seal-Shaft ● |
| 3 | 76-6960 | 1 | Bearing-Thrust |
| 4 | 106-6874 | 1 | Shaft-Drive |
| 5 | 60-6240 | 1 | Washer |
| 7 | 105-2852 | 1 | Housing ASM |
| 7:1 | | 1 | Bearing-Needle ● |
| 8 | 76-6970 | 1 | Insert-Plate, Cam |
| 9 | 106-6875 | 1 | Rotating Kit |
| 10 | 94-3003 | 1 | Plate-Valve |

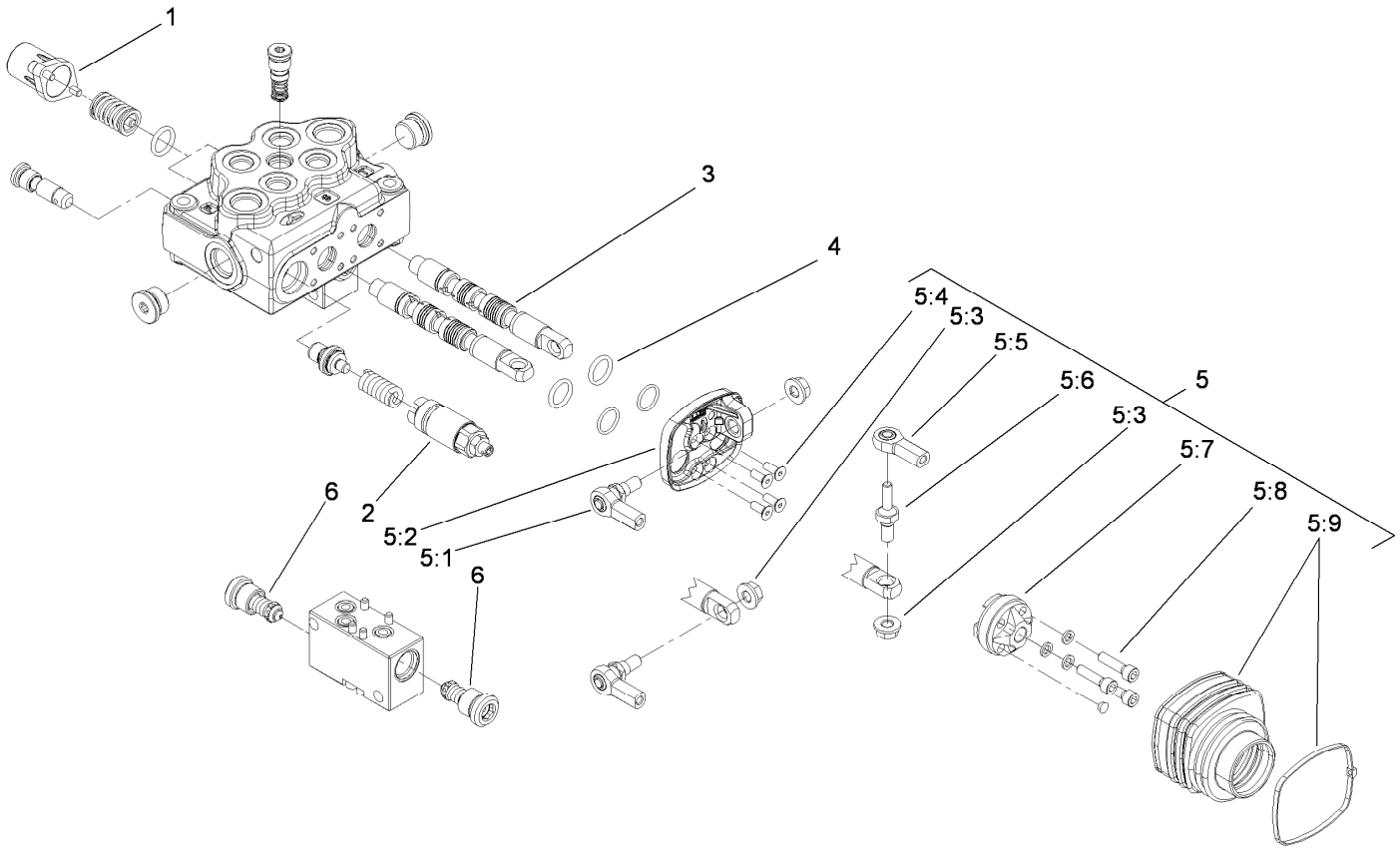
● Not serviced separately

# Tower and Fuel Tank Assembly



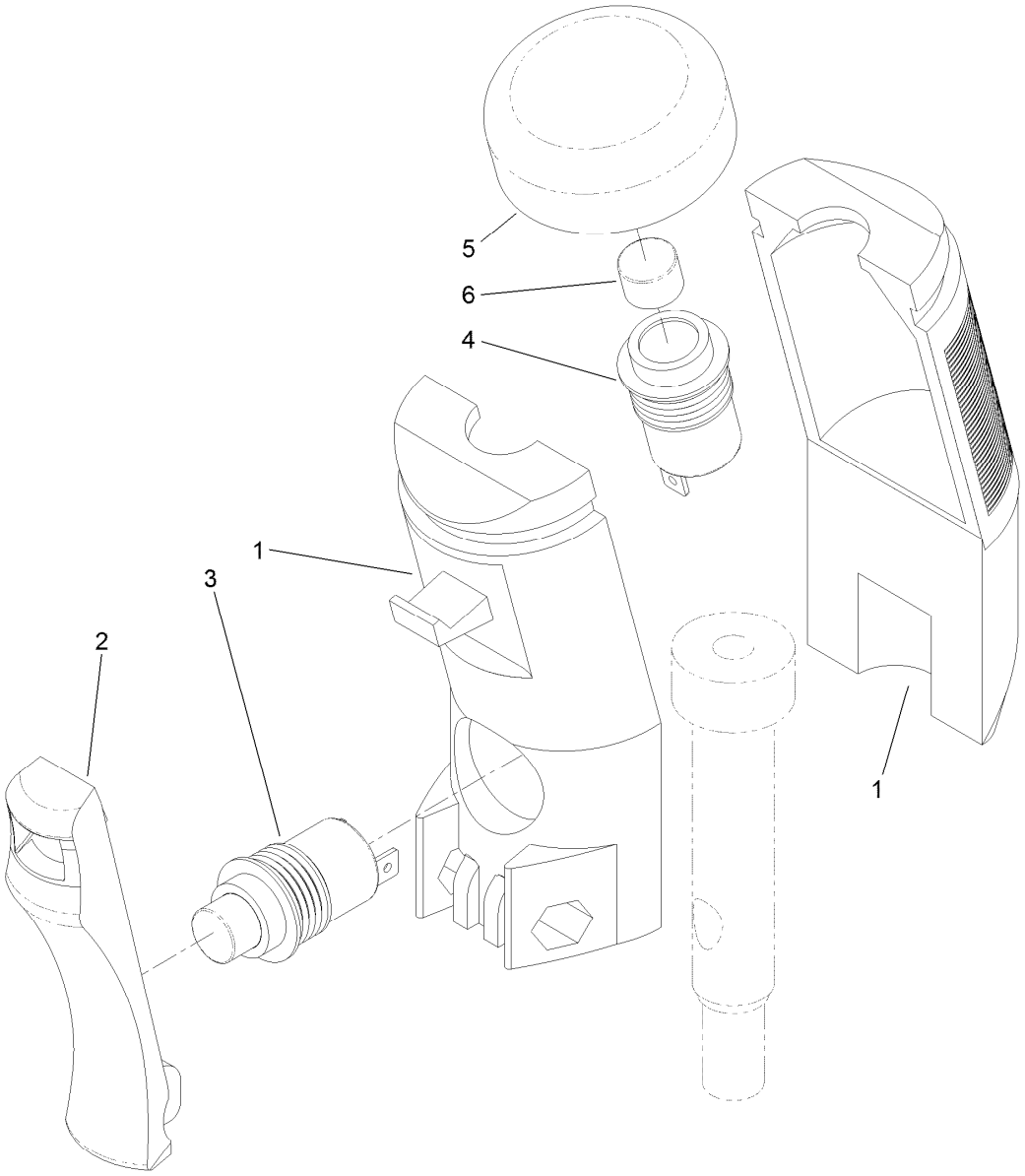
# Tower and Fuel Tank Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-4568-01 | 1 | Tower |
| 2 | 114-1337 | 2 | Spacer-Spring |
| 3 | 323-11 | 2 | Screw-HH |
| 4 | 98-8425 | 1 | Spring-Torsion, LH |
| 5 | 98-8424 | 1 | Spring-Torsion, RH |
| 6 | 121-1110-03 | 1 | Plate-Backup |
| 7 | 119-4585 | 1 | HYD Valve ASM |
| 8 | 322-12 | 3 | Screw-HH |
| 9 | 3296-29 | 7 | Nut-Lock, NI |
| 10 | 3256-4 | 2 | Washer-Flat |
| 11 | 3296-39 | 2 | Nut-Lock, NI |
| 12 | 3229-1 | 2 | Screw-CARR |
| 13 | 3256-22 | 2 | Washer-Flat |
| 14 | 100-1263 | 1 | Plate-Switch |
| 15 | 32149-2 | 2 | Nut-Keps |
| 16 | 32105-13 | 2 | Screw-HWH |
| 17 | 108-9730 | 1 | Lever-Control |
| 18 | 100-1270 | 1 | Switch-Proximity |
| 19 | 3229-20 | 2 | Screw-CARR |
| 20 | 32149-7 | 2 | Nut-Keps |
| 21 | 121-4534 | 1 | Cover-Control |
| 22 | 106-7715 | 1 | Bar-Reference |
| 23 | 95-1726 | 4 | Screw-Taptite |
| 24 | 51-2070 | 1 | Nut |
| 25 | 119-5103 | 1 | Adapter-Handle |
| 26 | 119-4587 | 1 | Two Button Handle Grip ASM |
| 27 | 233-42 | 2 | Knob |
| 28 | 256-257 | 2 | Bushing-Nyliner |
| 29 | 105-1217 | 1 | Decal |
| 30 | 121-4350 | 1 | Fuel Tank ASM |
| 30:2 | 117-8362 | 1 | Guage-Fuel |
| 30:2:1 | 117-8403 | 1 | Seal |
| 30:3 | 115-7788 | 1 | Cap-Fuel |
| 30:4 | 103-2605 | 1 | Fitting-Fuel, Bulkhead |
| 30:5 | 114-0284 | 1 | Grommet |
| 30:6 | 114-0285 | 1 | Valve-Rollover |
| 31 | 327-4 | 8 | Screw-HH |
| 32 | 3296-2 | 2 | Nut-Lock, NI |
| 33 | 3296-53 | 8 | Nut-Lock, NI |
| 34 | 2412-120 | 2 | Clamp-R |
| 35 | 3269-17 | 2 | Rivet-Pop |
| 36 | 104-7050 | 1 | Tube-Manual |
| 37 | 104-7048 | 1 | Cap-Housing |
| 38 | 115-1211 | 1 | Cable-Control |
| 40 | 110-3254 | 1 | Hose-Fuel |
| 41 | 2412-80 | 2 | Clamp-Hose |
| 42 | 119-4606 | 1 | Decal-Warning |
| 43 | 130-7580 | 1 | Decal-Console, LH |
| 44 | 121-4382 | 1 | Decal-Console, RH |
| 45 | 130-7575 | 1 | Decal-Logo,LH |
| 46 | 130-7576 | 1 | Decal-Logo,RH |
| 47 | 125-3570-03 | 1 | Bar-Arm Rest |
| 48 | 1-633268 | 1 | Grip-Lever |
| 49 | 322-3 | 2 | Screw-HH |
| 50 | 121-4466 | 1 | Sweep Manifold ASM |
| 53 | 117-2718 | 1 | Decal-Arrester, Spark |
| 56 | 322-14 | 2 | Screw-HH |
| 57 | 121-4402 | 1 | Decal-Joystick |
| 59 | 130-7577 | 2 | Decal-Intellisweep |
| 60 | 104-9216 | 8 | Washer-Hardened |




# Control Valve Assembly No. 119-4585

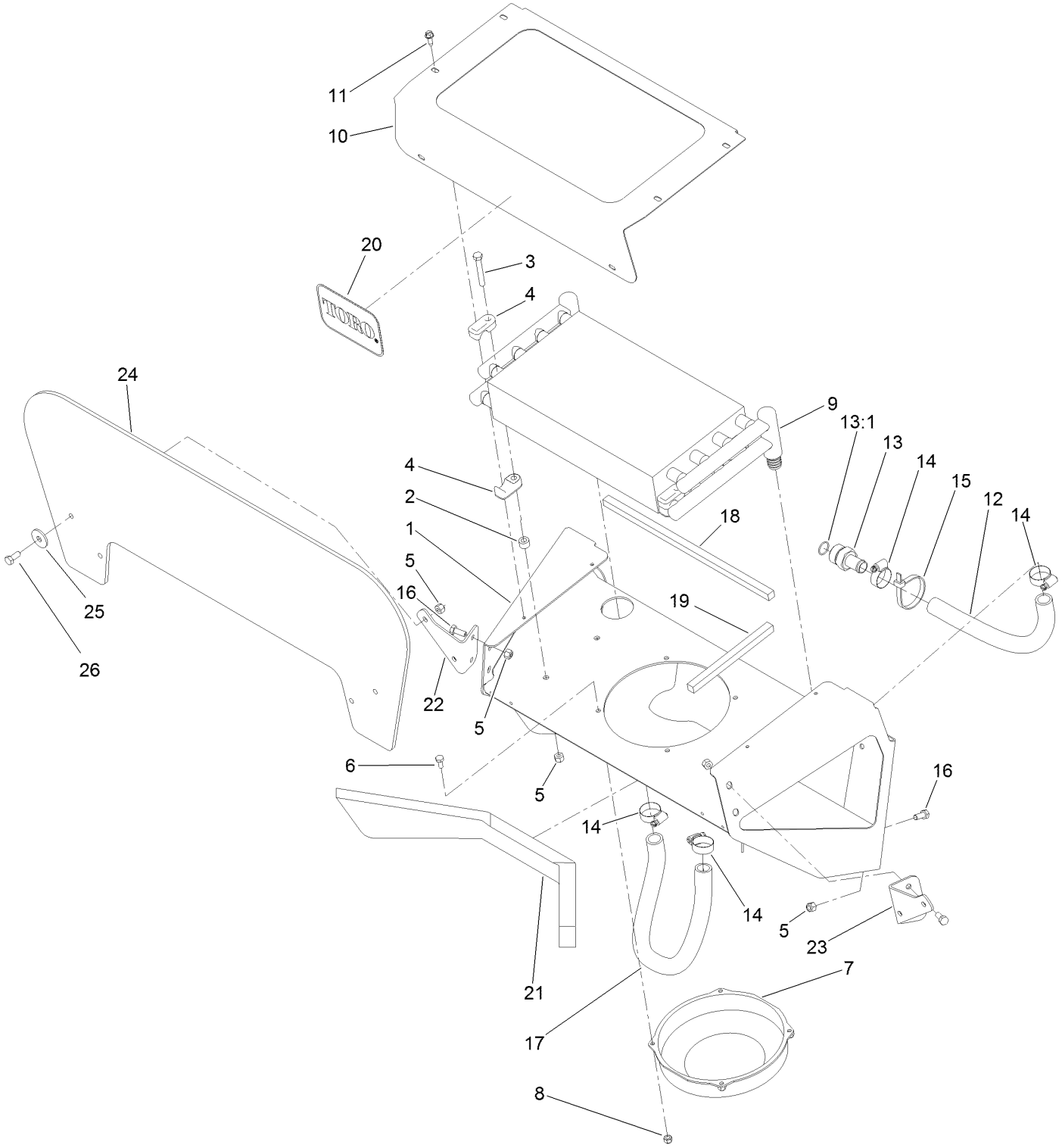
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 100-8801 | 2 | High Force Spring Kit |
| 2 | 100-8805 | 1 | Valve-Relief |
| 3 | 114-8625 | 2 | Valve-Spool |
| 4 | 106-7719 | 4 | Seal-Valve |
| 5 | 119-4622 | 1 | Joystick Kit |
| 5:1 | 119-4623 | 2 | Joint-Joystick |
| 5:2 | 119-4624 | 1 | Base-Joystick |
| 5:3 | 117-1350 | 3 | Nut-HF, Lock |
| 5:4 | 119-4625 | 4 | Screw-Joystick |
| 5:5 | 119-4626 | 1 | Joint-Joystick |
| 5:6 | 119-4627 | 1 | Pin-Spool |
| 5:7 | 119-4628 | 1 | Holder-Joystick |
| 5:8 | 3273-42 | 3 | Screw-HSH |
| 5:9 | 119-4629 | 1 | Boot-Joystick |
| 6 | 119-4630 | 2 | Valve Kit |




# Two-Button Handle Grip Assembly No. 119-4587

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-4637 | 1 | Halve-Handle |
| 2 | 119-4638 | 1 | Lever-Handle |
| 3 | 119-4639 | 1 | Button-Push, Lever |
| 4 | 119-4640 | 1 | Button-Push, Top |
| 5 | 119-4641 | 1 | Boot-Button |
| 6 | 119-4642 | 1 | Button-Actuator |

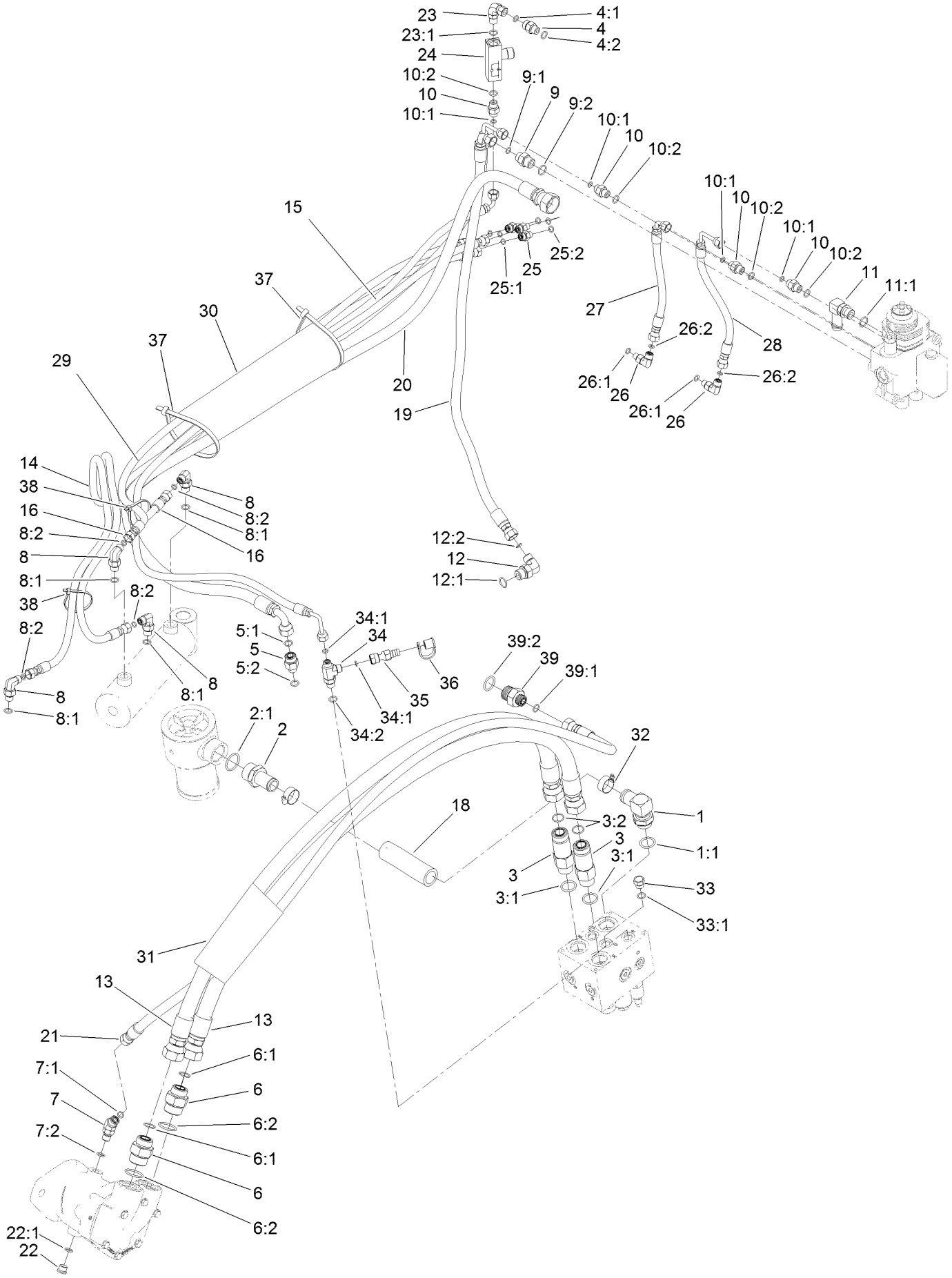
# Cooler Assembly



# Cooler Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-1180-01 | 1 | Mount-Cooler |
| 2 | 98-4695 | 4 | Spacer |
| 3 | 322-11 | 4 | Screw-HH |
| 4 | 105-3943 | 8 | Clamp-Cooler, Oil |
| 5 | 3296-29 | 16 | Nut-Lock, NI |
| 6 | 321-3 | 4 | Screw-HH |
| 7 | 120-7390 | 1 | Fan |
| 8 | 3296-42 | 4 | Nut-Lock, NI |
| 9 | 117-6320 | 1 | Cooler-Oil |
| 10 | 125-0308-01 | 1 | Cover-Cooler |
| 11 | 32104-95 | 6 | Screw-HWH |
| 12 | 121-4537 | 1 | Hose-HYD |
| 13 | 107-8652 | 1 | Fitting-Straight |
| 13:1 | 237-58 | 1 | O-Ring |
| 14 | 2412-129 | 4 | Clamp-Hose |
| 15 | 3334-945 | 1 | Tie-Cable |
| 16 | 322-3 | 8 | Screw-HH |
| 17 | 125-0266 | 1 | Hose-Return |
| 18 | 125-0319 | 2 | Foam-Seal |
| 19 | 125-0324 | 2 | Foam-Seal |
| 20 | 104-3989 | 1 | Decal |
| 21 | 125-0316 | 1 | Foam-Seal |
| 22 | 125-0350-01 | 1 | Bracket-Shield, RH |
| 23 | 125-0351-01 | 1 | Bracket-Shield, LH |
| 24 | 125-0340 | 1 | Shield-Chip |
| 25 | 63-8410 | 4 | Washer |
| 26 | 322-4 | 4 | Screw-HH |

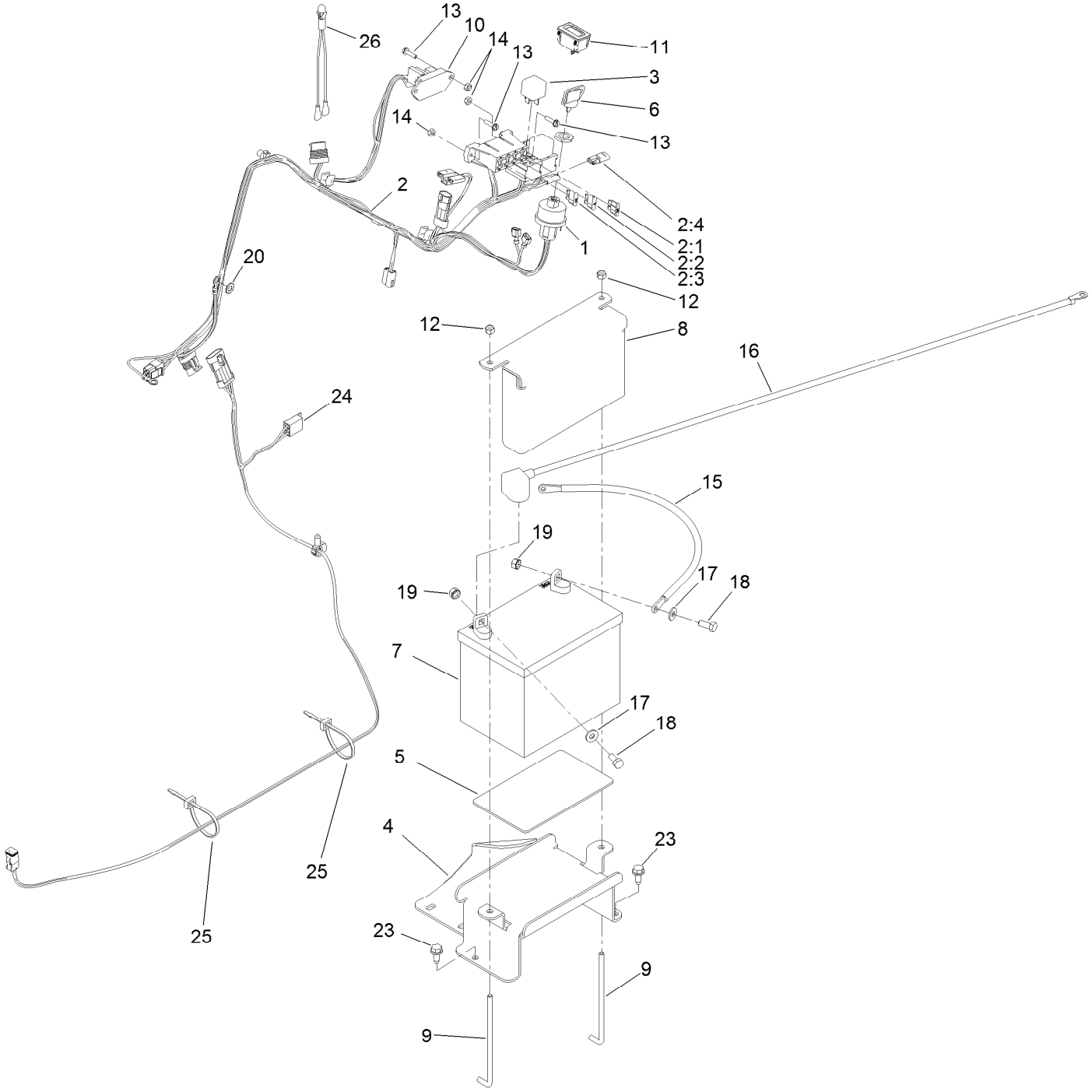
# Hydraulic Hose Routing Assembly



# Hydraulic Hose Routing Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 100-4202 | 1 | Fitting-90 |
| 1:1 | 237-81 | 1 | O-Ring |
| 2 | 354-78 | 1 | Fitting-STR |
| 2:1 | 237-146 | 1 | O-Ring |
| 3 | 92-6058 | 2 | Fitting-STR |
| 3:1 | 237-81 | 1 | O-Ring |
| 3:2 | 237-58 | 1 | O-Ring |
| 4 | 340-2 | 1 | Fitting-Straight |
| 4:1 | 237-22 | 1 | O-Ring |
| 4:2 | 237-42 | 1 | O-Ring |
| 5 | 340-5 | 1 | Fitting-Straight |
| 5:1 | 237-42 | 1 | O-Ring |
| 5:2 | 237-30 | 1 | O-Ring |
| 6 | 340-91 | 2 | Fitting-STR |
| 6:1 | 237-58 | 1 | O-Ring |
| 6:2 | 237-146 | 1 | O-Ring |
| 7 | 340-87 | 1 | Fitting-Elbow, 45 DEG |
| 7:1 | 237-22 | 1 | O-Ring |
| 7:2 | 237-42 | 1 | O-Ring |
| 8 | 340-82 | 4 | Fitting-Elbow, 90 DEG |
| 8:1 | 237-42 | 1 | O-Ring |
| 8:2 | 237-21 | 1 | O-Ring |
| 9 | 340-3 | 1 | Fitting-Straight |
| 9:1 | 237-22 | 1 | O-Ring |
| 9:2 | 237-79 | 1 | O-Ring |
| 10 | 340-1 | 4 | Fitting-Straight |
| 10:1 | 237-21 | 1 | O-Ring |
| 10:2 | 237-42 | 1 | O-Ring |
| 11 | 353-954 | 1 | Fitting-Elbow, 90 |
| 11:1 | 237-79 | 1 | O-Ring |
| 12 | 340-18 | 1 | Fitting-HYD, 90 DEG |
| 12:1 | 237-79 | 1 | O-Ring |
| 12:2 | 237-22 | 1 | O-Ring |
| 13 | 121-4342 | 2 | Hose-HYD |
| 14 | 121-4345 | 1 | Hose-HYD |
| 15 | 121-4346 | 1 | Hose-HYD |
| 16 | 121-4347 | 2 | Hose-HYD |
| 18 | 121-4341 | 1 | Hose-Return |
| 19 | 121-1199 | 1 | Hose-HYD |
| 20 | 121-4344 | 1 | Hose-HYD |
| 21 | 130-7574 | 1 | Hose-HYD |
| 22 | 353-989 | 1 | Plug-Hex, Hollow |
| 22:1 | 237-42 | 1 | O-Ring |
| 23 | 340-110 | 1 | Fitting-Swivel, 90 DEG |
| 23:1 | 237-42 | 1 | O-Ring |
| 24 | 98-9742 | 1 | Valve-Control, Flow |
| 25 | 340-92 | 3 | Fitting-Straight |
| 25:1 | 237-78 | 1 | O-Ring |
| 25:2 | 237-21 | 1 | O-Ring |
| 26 | 340-132 | 2 | Fitting-Elbow, 90 DEG |
| 26:1 | 237-78 | 1 | O-Ring |
| 26:2 | 237-21 | 1 | O-Ring |
| 27 | 121-4455 | 1 | Hose-HYD |
| 28 | 121-4456 | 1 | Hose-HYD |
| 29 | 119-4601 | 1 | Hose-HYD |
| 30 | 121-4454 | 1 | Sleeve-Protective |
| 31 | 99-5648 | 1 | Sleeve-Protective |
| 32 | 2412-34 | 2 | Clamp-Hose |
| 33 | 353-508 | 1 | Plug-HH |
| 33:1 | 237-42 | 1 | O-Ring |
| 34 | 108-5688 | 1 | Fitting-Tee |
| 34:1 | 237-21 | 2 | O-Ring |
| 34:2 | 237-42 | 1 | O-Ring |
| 35 | 115-8886 | 1 | Nipple-Test |
| 36 | 354-79 | 1 | Cap-Dust |
| 37 | 3334-945 | 2 | Tie-Cable |
| 38 | 3290-379 | 2 | Tie-Cable |
| 39 | 100-4240 | 1 | Fitting-STR |
| 39:1 | 237-30 | 1 | O-Ring |
| 39:2 | 237-81 | 1 | O-Ring |

# Electrical Assembly



# Electrical Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 103990 | 1 | Switch-Ignition |
| 2 | 130-7572 | 1 | Harness-Wire |
| 2:1 | 109103 | 1 | Fuse-Blade, 30 Amp |
| 2:2 | 110928 | 1 | Fuse-Blade, 5 Amp |
| 2:3 | 109101 | 1 | Fuse-Blade, 20 Amp |
| 2:4 | 116-0053 | 1 | Cap-Plug |
| 3 | 98-7249 | 2 | Relay |
| 4 | 127-9643-01 | 1 | Tray-Battery |
| 5 | 62-4300 | 1 | Pad-Skid, Anti |
| 6 | 63-8360 | 1 | Key-Ignition |
| 7 | 104-4657 | 1 | Battery-Wet (340 CCA 12V) |
| 8 | 115-6621-03 | 1 | Plate-Hold Down, Battery |
| 9 | 104-8567 | 2 | Holdown-Battery |
| 10 | 100-6170 | 1 | Module-Delay |
| 11 | 120-2244 | 1 | Hourmeter |
| 12 | 3296-42 | 2 | Nut-Lock, NI |
| 13 | 32105-13 | 5 | Screw-HWH |
| 14 | 3296-2 | 5 | Nut-Lock, NI |
| 15 | 106-8945 | 1 | Cable-Battery, Positive |
| 16 | 121-4437 | 1 | Cable-Battery, Negative |
| 17 | 3256-2 | 2 | Washer-Flat |
| 18 | 322-3 | 2 | Screw-HH |
| 19 | 32149-1 | 2 | Nut-Keps |
| 20 | 3255-8 | 1 | Washer-Lock |
| 23 | 32144-70 | 2 | Screw-HWHTF |
| 24 | 121-4319 | 1 | Harness-Wire |
| 25 | 3290-378 | 2 | Tie-Cable |
| 26 | 1-643267 | 1 | Indicator-LED, Red |

## Notes:

## Notes:

**Count on it.**