Form No. 3430-266 Rev C

TORO®

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Parts Catalog

# 323 Compact Tool Carrier

**Model No. 22318—Serial No. 404320000 and Up**

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

CE

*3430-266* C

# 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**
**Bloomington, MN 55420**



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# Frame Assembly

# Frame Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 108-9710 | 1 | Frame ASM |
| 1:2 | 98-4871 | 2 | Bushing-Tension |
| 1:3 | 98-9947 | 2 | Tread-Foot |
| 1:4 | 108-9732 | 1 | Decal-Panel, Control |
| 1:6 | 98-8219 | 1 | Decal-Throttle |
| 1:7 | 93-6686 | 1 | Decal-Oil, HYD |
| 2 | 106-8178-01 | 2 | Cover-Hose |
| 3 | 32144-70 | 8 | Screw-HWHTF |
| 4 | 108-9716 | 1 | Decal-Selector, Speed |
| 5 | 98-4845 | 2 | Grip-Cushion |
| 7 | 94-1402 | 2 | Plug-Hole |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9 | 62-5550 | 1 | Decal |
| 10 | 112-4947 | 1 | Counterweight ASM |
| 10:2 | 98-9947 | 1 | Tread-Foot |
| 10:3 | 112-4948 | 1 | Tread |
| 11 | 99-8638 | 1 | Pin |
| 12 | 99-9978 | 1 | Pin-Lynch |
| 13 | 105-8429 | 2 | Decal |
| 16 | 94-2551 | 1 | Decal-Choke |
| 17 | 133-8062 | 1 | Decal-Arrestor, Spark |
| 18 | 93-9084 | 4 | Decal-Point, Lift |
| 20 | 98-4387 | 1 | Decal-Protection, Ear |

# Hood and Screen Assembly

# Hood and Screen Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 108-9731-03 | 1 | Plate-Cover |
| 2 | 99-3164 | 1 | Cover-Hood |
| 3 | 99-3058 | 4 | Washer |
| 4 | 74-5950 | 4 | Latch-Swell |
| 5 | 32144-4 | 4 | Screw-HWH |
| 6 | 99-3147-03 | 1 | Grille-Screen |
| 7 | 32144-111 | 10 | Screw-PPH |
| 8 | 2412-133 | 1 | Clamp-R |
| 9 | 3256-23 | 1 | Washer-Plain |
| 10 | 32144-70 | 1 | Screw-HWHTF |
| 11 | 104-7050 | 1 | Tube-Manual |
| 12 | 104-7048 | 1 | Cap-Housing |

# Thigh Support Assembly

# Thigh Support Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 117-1813 | 1 | Thigh Support Bracket ASM |
| 1:2 | 117-1798 | 2 | Pad-Foam |
| 1:3 | 115-7721 | 2 | Nut-Clip, U |
| 1:4 | 104-6108 | 1 | Decal-Manual |
| 1:5 | 136-5776 | 1 | Decal-Service |
| 2 | 105-0337-03 | 1 | Plate-Adjusting |
| 3 | 105-0333 | 1 | Support-Thigh |
| 4 | 3230-16 | 4 | Screw-CARR |
| 5 | 3256-70 | 4 | Washer-Flat |
| 6 | 3296-72 | 2 | Nut-Lock, NI |
| 7 | 322-4 | 2 | Screw-HH |
| 8 | 104-6156 | 2 | Knob-Adjustment |
| 9 | 32128-20 | 2 | Nut-HF |
| 10 | 136-5777 | 1 | Decal-Service, French |
| 10 | 136-5778 | 1 | Decal-Service, German |
| 10 | 136-5779 | 1 | Decal-Service, Spanish |
| 10 | 136-5780 | 1 | Decal-Service, Italian |
| 10 | 136-5781 | 1 | Decal-Service, Dutch |
| 10 | 136-5782 | 1 | Decal-Service, Polish |
| 10 | 136-5783 | 1 | Decal-Service, Russian |
| 10 | 136-5784 | 1 | Decal-Service, Slovakian |

# Wheel and Tire Assembly

# Wheel and Tire Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 242-50 | 20 | Nut-Lug |
| 2 | 98-2747 | 2 | LH Wheel And Tire ASM |
| 2:1 | 232-27 | 1 | Stem-Valve |
| 2:2 | 98-2748 | 1 | Wheel |
| 2:3 | 98-2749 | 1 | Tire |
| 3 | 106-8159 | 4 | Nut-Lock |
| 5 | 99-3064 | 4 | Hub ASM |
| 5:2 | 10-6830 | 5 | Stud-Type, Drive |
| 6 | 99-1447 | 2 | RH Wheel And Tire ASM |
| 6:1 | 232-27 | 1 | Stem-Valve |
| 6:2 | 98-2748 | 1 | Wheel |
| 6:3 | 98-2749 | 1 | Tire |
| 7 | 99-3052 | 4 | HYD Motor ASM |
| 8 | 3234-27 | 16 | Screw-HHF |

# Hydraulic Motor Assembly No. 99-3052

# Hydraulic Motor Assembly No. 99-3052 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 94-8178 | 1 | Seal Kit |
| 2 | 99-3090 | 1 | Shaft-Coupling |
| 3 | 99-3091 | 7 | Screw-Cap, HH |
| 4 | 3257-42 | 1 | Key-Woodruff |
| 5 | 120-5392 | 1 | Motor Housing ASM |

# Engine and Hydraulic Pump Assembly

# Engine and Hydraulic Pump Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 98-4666-03 | 1 | Mount-Engine |
| 2 | 3296-39 | 4 | Nut-Lock, NI |
| 3 | 95-1726 | 4 | Screw-Taptite |
| 4 | 92-6877 | 1 | Valve-Drain, Oil |
| 5 | 323-9 | 4 | Screw-HH |
| 6 | 117-1746 | 1 | Engine-Kohler, Ch680S ● |
| 6:1 | 92-6780 | 4 | Nut-HF |
| 6:2 | 110-6697 | 2 | Gasket-Exhaust |
| 7 | 10-7070 | 1 | Key-Square |
| 8 | 99-3115-03 | 1 | Shield-Muffler |
| 9 | 99-3138-03 | 1 | Support-Shield |
| 10 | 3296-29 | 4 | Nut-Lock, NI |
| 11 | 2112-9 | 1 | Clamp |
| 11:1 | 32128-20 | 2 | Nut-HF |
| 12 | 105-8381 | 1 | Muffler |
| 13 | 324-6 | 4 | Screw-HH |
| 14 | 98-2751-03 | 1 | Mount-Pump |
| 15 | 98-4701 | 1 | Hub-Pump |
| 16 | 322-7 | 4 | Screw-HH |
| 17 | 71-4411 | 4 | Spacer |
| 18 | 115-4523 | 2 | Coupling-Rubber |
| 19 | 110-5236 | 1 | Hub-Engine |
| 20 | 3241-6 | 4 | Screw-SQH |
| 21 | 3256-23 | 1 | Washer-Plain |
| 22 | 33114-020 | 2 | Screw-HH |
| 23 | 3253-4 | 4 | Washer-Lock |
| 24 | 108-4710 | 1 | HYD Pump ASM |
| 25 | 66-9300 | 2 | Screw-HHF |
| 26 | 99-3017 | 1 | Fitting |
| 26:1 | 237-81 | 1 | O-Ring |
| 27 | 2412-111 | 2 | Clamp-Hose, W/Liner |
| 28 | 99-3046 | 1 | Hose-Suction, Formed |
| 29 | 354-78 | 1 | Fitting-STR |
| 29:1 | 237-146 | 1 | O-Ring |
| 30 | 322-6 | 1 | Screw-HH |
| 31 | 98-4695 | 1 | Spacer |
| 32 | 99-3116-03 | 2 | Spacer-Bar |
| 33 | 32152-1 | 1 | Nut-Lock, Cone |
| 34 | 32152-4 | 2 | Nut-Lock, Cone |
| 35 | 3234-21 | 2 | Screw-HHF |
| 36 | 3218-2 | 2 | Nut-Hex Jam |
| 37 | 98-4667 | 1 | Hose |
| 38 | 354-73 | 1 | Fitting |
| 38:1 | 237-81 | 1 | O-Ring |
| 39 | 2412-129 | 2 | Clamp-Hose |
| 40 | 98-2713 | 1 | Hose-Suction, HYD |
| 41 | 99-5349 | 1 | Spring-Compression |
| 42 | 99-6932 | 1 | Fitting-STR |
| 42:1 | 237-117 | 1 | O-Ring |
| 43 | 354-79 | 1 | Cap-Dust |

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# Tandem Hydraulic Pump Assembly No. 108-4710

# Tandem Hydraulic Pump Assembly No. 108-4710 (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 98-4700 | 1 | Key-Square |
| 2 | 99-1353 | 1 | Seal Kit |

# Fuel Tank and Air Filter Assembly

# Fuel Tank and Air Filter Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 117-1777-03 | 2 | Mount-Tank, Bottom |
| 2 | 119-5240 | 1 | LH Fuel Tank ASM |
| 2:2 | 103-2605 | 1 | Fitting-Fuel, Bulkhead |
| 2:3 | 115-7788 | 1 | Cap-Fuel |
| 2:4 | 114-0285 | 1 | Valve-Rollover |
| 2:5 | 114-0284 | 1 | Grommet |
| 2:6 | 104-5603 | 1 | Gauge-Level, Fuel |
| 2:7 | 95-8972 | 1 | Grommet |
| 3 | 98-4657 | 2 | Bolt-Mount |
| 4 | 117-1801 | 1 | LH Tank Mount ASM |
| 4:2 | 117-1798 | 2 | Pad-Foam |
| 5 | 32153-3 | 2 | Nut-Hex, Side Deform |
| 6 | 3230-2 | 2 | Bolt-CARR |
| 7 | 2412-98 | 7 | Clamp-Hose |
| 8 | 322-3 | 2 | Screw-HH |
| 9 | 99-3080-03 | 1 | Mount-Cleaner, Air |
| 10 | 93-2190 | 1 | Air Cleaner ASM |
| 11 | 2412-42 | 2 | Clamp-Hose |
| 12 | 99-3148 | 1 | Hose-Air |
| 13 | 108-9730 | 2 | Lever-Control |
| 14 | 117-1802 | 1 | RH Tank Mount ASM |
| 14:2 | 117-1798 | 2 | Pad-Foam |
| 15 | 119-5241 | 1 | RH Fuel Tank ASM |
| 15:2 | 103-2605 | 1 | Fitting-Fuel, Bulkhead |
| 15:3 | 115-7788 | 1 | Cap-Fuel |
| 15:4 | 114-0285 | 1 | Valve-Rollover |
| 15:5 | 114-0284 | 1 | Grommet |
| 15:6 | 104-5603 | 1 | Gauge-Level, Fuel |
| 15:7 | 95-8972 | 1 | Grommet |
| 16 | 92-2379 | 7 | Clamp-Hose |
| 17 | 110-5701 | 1 | Hose-Fuel |
| 18 | 99-5000 | 2 | Valve-Check, Fuel |
| 19 | 99-5005 | 1 | Fitting-Tee, Barbed |
| 20 | 109-0304 | 4 | Hose-Fuel |
| 21 | 109-0296 | 2 | Hose-Fuel |
| 22 | 3290-134 | 4 | Screw |
| 23 | 32144-70 | 4 | Screw-HWHTF |
| 24 | 32149-7 | 4 | Nut-Keps |
| 25 | 32128-20 | 2 | Nut-HF |
| 26 | 3296-29 | 2 | Nut-Lock, NI |
| 27 | 1-603770 | 2 | Valve-Fuel |
| 28 | 108-4718 | 2 | Cable-Control |
| 29 | 233-42 | 2 | Knob |
| 30 | 3256-51 | 4 | Washer-Flat |
| 31 | 93-2191 | 1 | Air Cleaner Mounting Band ASM |
| 31:2 | 94-3653 | 1 | Bolt |
| 31:3 | 94-3654 | 1 | Spring |
| 31:4 | 48-9510 | 1 | *obs* Nut |

# Air Cleaner Assembly No. 93-2190

# Air Cleaner Assembly No. 93-2190 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 108-3811 | 1 | Filter-Air |
| 3 | 94-3652 | 1 | Cover ASM |
| 3:1 | 1-643283 | 2 | Latch-Cleaner, Air |
| 4 | 87-9400 | 1 | Valve-Vacuator |
| 5 | 285-17 | 1 | Plug-Pipe |

# Carbon Canister Assembly

# Carbon Canister Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 117-1821 | 1 | Canister Mount ASM |
| 1:2 | 117-1799 | 1 | Pad-Foam |
| 1:3 | 115-7721 | 1 | Nut-Clip, U |
| 2 | 106-5709 | 1 | Hose-Vent |
| 3 | 116-1442 | 1 | Canister-Carbon, 1200Cc |
| 4 | 117-1789 | 1 | Hose-Fuel |
| 5 | 3234-29 | 5 | Screw-HHF |
| 6 | 117-1785-03 | 1 | Cover-Canister |
| 7 | 115-7721 | 2 | Nut-Clip, U |
| 8 | 99-5005 | 1 | Fitting-Tee, Barbed |
| 9 | 99-9415 | 2 | Hose-Fuel |
| 10 | 117-1792-03 | 1 | Plate-Hose Retainer, RH |
| 11 | 119-6074 | 2 | Hose-Fuel |
| 12 | 106-8150 | 4 | Fitting-Straight |
| 13 | 109-0294 | 1 | Hose-Fuel |
| 14 | 51-3217 | 2 | Hose-Fuel |
| 15 | 9266934 | 2 | Screw |
| 16 | 117-1791-03 | 1 | Plate-Hose Retainer, LH |
| 17 | 115-4736 | 1 | Hose-Fuel |
| 18 | 133-8499 | 1 | Valve-Check, Vacuum |
| 19 | 2412-146 | 8 | Clamp-Hose |
| 20 | 2412-98 | 1 | Clamp-Hose |
| 21 | 2412-36 | 2 | Clamp-Hose |
| 22 | 115-7854 | 1 | Filter-Fuel, Inline |
| 23 | 32180-030 | 1 | Clip-Tie |
| 24 | 3254-8 | 1 | Washer-Lock |
| 25 | 3290-378 | 1 | Tie-Cable |
| 26 | 106-5317 | 2 | Hose-Fuel |
| 27 | 92-2379 | 4 | Clamp-Hose |
| 28 | 120-2235 | 1 | Filter-Fuel |

# Loader and Quick Attach Assembly

# Loader and Quick Attach Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 106-8155 | 1 | Loader ASM |
| 1:2 | 98-4871 | 7 | Bushing-Tension |
| 1:4 | 130-2837 | 2 | Decal-Warning, No Rider |
| 1:5 | 130-2836 | 4 | Decal-Warning, Crushing |
| 2 | 302-5 | 4 | Fitting-Grease |
| 3 | 99-5105 | 4 | Screw-Shoulder |
| 4 | 112-2609 | 2 | Pin-Pivot |
| 5 | 132-8418 | 1 | Quick Attach ASM |
| 5:1 | 130-7708-03 | 1 | Mount-Qtach |
| 5:2 | 105-0246 | 2 | Cam |
| 5:3 | 98-4694 | 2 | Spring-Compression |
| 5:4 | 104-5909 | 1 | Stop-RH |
| 5:5 | 104-5903 | 1 | Stop-LH |
| 5:6 | 132-8419 | 2 | Pin-Locking |
| 5:7 | 3285-1 | 2 | Pin-Grooved |
| 5:8 | 302-5 | 2 | Fitting-Grease |
| 5:9 | 98-4871 | 1 | Bushing-Tension |
| 6 | 120-5363 | 2 | Pin-Pivot |
| 7 | 117-9980 | 2 | Decal |
| 8 | 93-7340 | 2 | Decal |
| 9 | 93-9084 | 2 | Decal-Point, Lift |

# Electrical Component Assembly

# Electrical Component Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 111075 | 1 | Wire ASM |
| 2 | 3255-8 | 1 | Washer-Lock |
| 3 | 33114-020 | 1 | Screw-HH |
| 4 | 104-7411 | 1 | Harness-Wire |
| 5 | 32144-87 | 3 | Screw-HWHTF |
| 6 | 98-7249 | 2 | Relay |
| 7 | 105-4067 | 1 | Hourmeter-Inductive |
| 7:1 | 104-4234 | 1 | Clip-Mounting |
| 8 | 63-8360 | 2 | Key-Ignition |
| 9 | 111216 | 1 | Ignition Switch ASM |
| 9:1 | 9201604 | 1 | Washer-Lock |
| 9:2 | 101884 | 1 | Nut |
| 10 | 237-42 | 3 | O-Ring |
| 11 | 72-4310 | 3 | Switch-Ball |
| 12 | 32103-22 | 4 | Nut-Wing |
| 13 | 113010 | 1 | Holddown-Battery |
| 15 | 99-5027 | 2 | Retainer-Battery |
| 16 | 99-3060-03 | 1 | Battery Mount ASM |
| 17 | 100-1712 | 1 | Cable-Positive |
| 18 | 3234-4 | 2 | Screw-HHF |
| 19 | 3296-29 | 2 | Nut-Lock, NI |
| 20 | 322-4 | 2 | Screw-HH |
| 21 | 32144-70 | 1 | Screw-HWHTF |
| 22 | 104-7408 | 1 | Wire-Hourmeter |
| 23 | 99-1433 | 2 | Connector-Female |
| 24 | 105-1853 | 1 | Clamp-Hose |
| 99 | 3290-381 | 5 | Tie-Cable |

# Hydraulic Tank and Filter Assembly

# Hydraulic Tank and Filter Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 2412-129 | 2 | Clamp-Hose |
| 2 | 98-4745 | 1 | Hose-HYD, Suction, Hi |
| 3 | 340-74 | 2 | Nut-Lock, Bulkhead |
| 4 | 68-6150 | 1 | Breather |
| 5 | 2412-36 | 2 | Clamp-Hose |
| 6 | 98-2708 | 1 | Hose-Vent |
| 7 | 354-127 | 1 | Fitting-Elbow45 |
| 7:1 | 237-81 | 1 | O-Ring |
| 8 | 92-5821 | 1 | Head-Filter |
| 9 | 93-7498 | 1 | Plug-Plastic |
| 10 | 237-123 | 1 | O-Ring |
| 11 | 354-126 | 1 | Fitting-Elbow, 45 |
| 11:1 | 237-79 | 1 | O-Ring |
| 12 | 105-8394 | 1 | Bulkhead Coupler ASM |
| 12:1 | 237-65 | 1 | O-Ring |
| 13 | 100-8816 | 1 | Cap-Dust, Coupler |
| 14 | 100-8815 | 1 | Cap-Dust, Nipple |
| 15 | 105-8395 | 1 | Bulkhead Nipple ASM |
| 15:1 | 237-65 | 1 | O-Ring |
| 15:2 | 100-6120 | 1 | Seal Kit ● |
| 16 | 61-2790 | 1 | Filter-Screen |
| 17 | 100-2097 | 1 | Dipstick-Oil |
| 18 | 98-9906 | 1 | Fitting-Thread, Straight |
| 18:1 | 237-81 | 2 | O-Ring |
| 19 | 54-0110 | 1 | Filter-Oil, Transmission |
| 20 | 98-9927 | 1 | Gasket-Cover |
| 21 | 100-1713-01 | 1 | Cover |
| 22 | 98-9940 | 10 | Screw-HHF |
| 23 | 353-988 | 1 | Plug-Hex |
| 23:1 | 237-79 | 1 | O-Ring |
| 24 | 98-4675-01 | 2 | Lock-Cylinder |
| 25 | 3290-467 | 2 | Pin-Hair |
| 26 | 283-52 | 2 | Pin-Clevis |

● Not illustrated

# Auxiliary Control Lever Assembly

# Auxiliary Control Lever Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 110-0121-03 | 1 | Bracket-Auxiliary |
| 2 | 114-1263-03 | 1 | Mount-Lever, Auxiliary |
| 3 | 110-0123 | 1 | Handle-Lever, Auxiliary |
| 4 | 110-0124 | 1 | Spring |
| 5 | 110-0125 | 1 | Retainer-Spring, Auxiliary |
| 6 | 110-0160 | 1 | Tube-Spring |
| 7 | 3253-4 | 1 | Washer-Lock |
| 8 | 32121-3 | 1 | Pin-Spring |
| 9 | 33104-020 | 1 | Screw-HHF |
| 10 | 33114-010 | 1 | Screw-HH |
| 11 | 108-4723 | 1 | Decal-Auxiliary, CE |

# Auxiliary Valve and Selector Valve Assembly

# Auxiliary Valve and Selector Valve Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 99-3077 | 1 | Valve-HYD, Auxiliary |
| 2 | 108-4716 | 1 | HYD Tube ASM |
| 2:1 | 237-22 | 1 | O-Ring |
| 3 | 340-98 | 1 | Fitting-Elbow, 90 DEG |
| 3:1 | 237-79 | 1 | O-Ring |
| 3:2 | 237-30 | 1 | O-Ring |
| 4 | 98-4695 | 2 | Spacer |
| 5 | 100-2085 | 2 | Spacer |
| 6 | 86-5480 | 1 | Nipple-Test |
| 7 | 354-79 | 1 | Cap-Dust |
| 8 | 108-9709-03 | 1 | Lever-Control |
| 9 | 340-4 | 4 | Fitting-Straight |
| 9:1 | 237-30 | 1 | O-Ring |
| 9:2 | 237-79 | 1 | O-Ring |
| 10 | 98-0152 | 1 | Knob-Tapered |
| 11 | 340-153 | 1 | Fitting-Elbow, 90 DEG |
| 11:1 | 237-79 | 1 | O-Ring |
| 11:2 | 237-151 | 1 | O-Ring |
| 12 | 3253-4 | 1 | Washer-Lock |
| 13 | 33114-035 | 1 | Screw-HH |
| 14 | 95-3209 | 1 | Fitting-Thread, Straight |
| 14:1 | 237-79 | 2 | O-Ring |
| 15 | 99-3072 | 1 | Valve-Selector, HYD |
| 16 | 98-4747 | 1 | Hose-HYD |
| 17 | 322-12 | 4 | Screw-HH |
| 18 | 100-8817 | 2 | Hose-HYD |
| 19 | 105-7879 | 1 | Tube-HYD |
| 20 | 340-105 | 2 | Fitting-Elbow, 90 DEG |
| 20:1 | 237-80 | 1 | O-Ring |
| 20:2 | 237-30 | 1 | O-Ring |
| 22 | 104-8300 | 4 | Nut-HF, NI |
| 23 | 3290-379 | 8 | Tie-Cable |
| 24 | 108-9715 | 2 | Sleeve-Thermal |
| 25 | 99-3008 | 1 | Hose-HYD |

# Auxiliary Hydraulic Valve Assembly No. 99-3077

# Auxiliary Hydraulic Valve Assembly No. 99-3077 (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 99-4390 | 1 | Seal Kit |
| 3:1 | 99-3074 | 4 | Gasket |
| 3:2 | 99-3075 | 8 | Gasket |

# Hydraulic Selector Valve Assembly No. 99-3072

# Hydraulic Selector Valve Assembly No. 99-3072 (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 99-4390 | 1 | Seal Kit |
| 3:1 | 99-3074 | 4 | Gasket |
| 3:2 | 99-3075 | 8 | Gasket |

# Four Spool Valve and Lever Assembly

# Four Spool Valve and Lever Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 322-2 | 3 | Screw-HH |
| 2 | 105-7881 | 1 | Lever-Cylinder |
| 3 | 340-153 | 1 | Fitting-Elbow, 90 DEG |
| 3:1 | 237-79 | 1 | O-Ring |
| 3:2 | 237-151 | 1 | O-Ring |
| 4 | 105-8377 | 1 | HYD Four Spool Valve ASM |
| 5 | 106-8165 | 1 | Lever-Control |
| 6 | 104-5733 | 2 | Lever-Drive |
| 7 | 92-5696 | 1 | Fitting-Elbow, 90 DEG |
| 7:1 | 237-58 | 1 | O-Ring |
| 7:2 | 237-79 | 1 | O-Ring |
| 8 | 322-11 | 3 | Screw-HH |
| 9 | 106-8177 | 1 | Tube-Tank, HYD |
| 10 | 321-5 | 1 | Screw-HH |
| 11 | 3253-3 | 1 | Washer-Lock |
| 12 | 340-5 | 1 | Fitting-Straight |
| 12:1 | 237-42 | 1 | O-Ring |
| 12:2 | 237-30 | 1 | O-Ring |
| 13 | 340-109 | 1 | Fitting-Tee |
| 13:1 | 237-79 | 1 | O-Ring |
| 13:2 | 237-30 | 2 | O-Ring |
| 14 | 33014-00 | 3 | Nut-Hex |
| 15 | 33094-00 | 3 | Washer-Plain |
| 16 | 105-7882 | 1 | Relief Valve ASM |
| 16:1 | 105-8358 | 1 | Cartridge-Valve, Relief |
| 16:2 | 105-8357 | 1 | Seal Kit ● |
| 17 | 108-4717 | 1 | Tube-HYD |
| 18 | 108-4728 | 2 | Spacer V |
| 19 | 105-7870 | 1 | Spacer-Upper V |
| 20 | 105-4068 | 3 | Screw-Set, HSH |

● Not illustrated

# Four Spool Hydraulic Valve Assembly No. 105-8377

# Four Spool Hydraulic Valve Assembly No. 105-8377 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 139-8891 | 4 | Lsg/S5 Lever Kit With Screws |
| 2 | 139-8886 | 8 | O-Ring Seal, 70 Sh |
| 3 | 139-8884 | 1 | SAE 4 Plug |
| 4 | 353-988 | 1 | Plug-Hex |
| 4:1 | 237-79 | 1 | O-Ring |
| 5 | 105-8441 | 4 | Spool-Valve |
| 6 | 139-8890 | 1 | Vmd5 (Jn) Inlet Part |
| 7 | 139-8880 | 1 | Kit-Valve Body |
| 8 | 99-3074 | 2 | Gasket |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9 | 139-8887 | 2 | S5 Command Kit |
| 9:1 | | 1 | Plug ● |
| 9:2 | | 2 | Screw ● |
| 9:3 | | 2 | Oring ● |
| 9:4 | | 1 | Block ● |
| 9:5 | | 1 | Pin ● |
| 9:6 | | 1 | End Cap ● |
| 9:7 | | 1 | Spring ● |
| 10 | 161-1080 | 2 | S5 End Cap Kit |

● Not serviced separately

# Hydraulic Motor Assembly

# Hydraulic Motor Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 340-7 | 8 | Fitting-Straight |
| 1:1 | 237-65 | 1 | O-Ring |
| 1:2 | 237-80 | 1 | O-Ring |
| 2 | 99-3012 | 2 | Hose-HYD |
| 3 | 99-3010 | 2 | Hose-HYD |
| 4 | 99-3011 | 2 | Hose-HYD |
| 5 | 340-153 | 2 | Fitting-Elbow, 90 DEG |
| 5:1 | 237-79 | 1 | O-Ring |
| 5:2 | 237-151 | 1 | O-Ring |
| 6 | 99-3022 | 1 | Tube-HYD |
| 7 | 99-3040 | 2 | HYD Counterbalance Valve ASM |
| 8 | 340-155 | 10 | Fitting-Straight |
| 8:1 | 237-79 | 1 | O-Ring |
| 8:2 | 237-151 | 1 | O-Ring |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9 | 108-9729 | 1 | Tube-HYD |
| 10 | 108-9727 | 1 | Tube-HYD |
| 11 | 108-9726 | 1 | Tube-HYD |
| 12 | 99-3025 | 1 | Tube-HYD |
| 13 | 99-3028 | 1 | Tube-HYD |
| 14 | 108-9725 | 1 | Tube-HYD |
| 15 | 99-3026 | 1 | Tube-HYD |
| 16 | 340-72 | 4 | Fitting-Bulkhead, 90 DEG |
| 16:1 | 237-65 | 2 | O-Ring |
| 17 | 340-74 | 4 | Nut-Lock, Bulkhead |
| 18 | 99-3057 | 2 | Spacer-Valve |
| 19 | 321-23 | 2 | Screw-HH |
| 20 | 3256-22 | 4 | Washer-Flat |
| 21 | 3296-42 | 2 | Nut-Lock, NI |

# Counterbalance Valve Assembly No. 99-3040

# Counterbalance Valve Assembly No. 99-3040 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 105-4099 | 1 | Seal Kit |
| 2 | 99-3271 | 2 | Valve-Cartridge |
| 3 | 100-8864 | 1 | Manifold ASM |
| 4 | 100-8865 | 1 | Needle Valve ASM |

# Hydraulic Cylinder Assembly

# Hydraulic Cylinder Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 117-1834 | 3 | Cylinder-HYD |
| 2 | 340-82 | 6 | Fitting-Elbow, 90 DEG |
| 2:1 | 237-42 | 1 | O-Ring |
| 2:2 | 237-21 | 1 | O-Ring |
| 3 | 98-4725 | 4 | Hose-HYD |
| 4 | 3230-3 | 4 | Screw-CARR |
| 5 | 2412-137 | 4 | Clamp-R, Double |
| 6 | 98-4726 | 1 | Hose-HYD |
| 7 | 98-4727 | 1 | Hose-HYD |
| 8 | 340-151 | 2 | Fitting-Tee |
| 8:1 | 237-75 | 2 | O-Ring |
| 9 | 340-3 | 2 | Fitting-Straight |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9:1 | 237-22 | 1 | O-Ring |
| 9:2 | 237-79 | 1 | O-Ring |
| 10 | 340-133 | 2 | Fitting-STR |
| 10:1 | 237-79 | 1 | O-Ring |
| 10:2 | 237-21 | 1 | O-Ring |
| 11 | 108-4714 | 1 | Orifice-Port Insert, One Way |
| 12 | 112-2609 | 6 | Pin-Pivot |
| 13 | 302-5 | 6 | Fitting-Grease |
| 14 | 99-5105 | 6 | Screw-Shoulder |
| 15 | 3296-29 | 4 | Nut-Lock, NI |
| 16 | 3256-23 | 4 | Washer-Plain |
| 17 | 3334-945 | 1 | Tie-Cable |

# Hydraulic Cylinder Assembly No. 117-1834

# Hydraulic Cylinder Assembly No. 117-1834 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 117-1837 | 1 | Kit-Seal |

# Attachments and Accessories

## For 22318 323 Compact Tool Carrier

| Product Name | Model/Part |
|---|---|
| Tire Chain Kit | 100-4140 |
| Helmet-Face Shield | 100-4143 |
| Light Kit | 100-8940 |
| Narrow Tire ASM | 104-0572 |
| Tube-Tire (18 x 8.50-10) | 105-4070 |
| Rubber Foot Mat | 105-5805 |
| Tube-Tire (18 X 8.50-8) | 106396 |
| CE Conversion Kit | 22366 |
| 4 Cubic Foot Standard Bucket | 22409 |
| Loose Materials Bucket | 22410 |
| 48in Hydraulic Blade | 22414 |
| Bore Drive Head | 22420 |
| Rod and Reamer | 22421 |
| Multi-Purpose Tool | 22423 |
| Direct Drive Power Box Rake | 22426 |
| Stump Grinder | 22429 |
| Tree Forks | 22438 |
| Cement Bowl | 22442 |
| 40in Tiller | 22445 |
| Snowthrower | 22456 |
| High-Torque Trencher Head | 22473 |
| High-Speed Trencher Head | 22474 |
| Narrow Bucket | 22520 |
| Auger Head | 22805 |
| Universal Swivel Auger Head | 22806 |
| Vibratory Plow | 22911 |
| Soil Cultivator | 23102 |
| Concrete Breaker | 23135 |
| Backhoe | 23163 |
| Adjustable Forks | 23164 |
| Leveler | 23165 |
| Tube | 232-37 |
| LH Wheel And Tire ASM | 98-2747 |
| Wheel and Tire ASM | 98-4709 |
| Spark Arrestor | 98-9099 |
| RH Wheel And Tire ASM | 99-1447 |
| RH Wheel And Tire ASM (Powerlug) | 99-3140 |
| LH Wheel And Tire ASM (Powerlug) | 99-3141 |
| Hydraulic Relief Valve Kit | 99-4360 |

**Notes:**

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Count on it.