Form No. 3420-664 Rev B

TORO®

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Parts Catalog

# TX 1000 Wide Track

## Compact Tool Carrier

**Model No. 22328—Serial No. 402000000 and Up**

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

CE

*3420-664* 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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# Frame, Fuel Tank and Cover Assembly

# Frame, Fuel Tank and Cover Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5314 | 1 | Frame |
| 1:2 | 136-5824 | 1 | Decal-Control Panel |
| 1:3 | 131-0710 | 1 | Decal-Safety |
| 1:4 | 93-9084 | 4 | Decal-Point, Lift |
| 1:5 | 66-6140 | 2 | Decal |
| 1:6 | 115-4865 | 1 | Decal-Fill, Radiator |
| 2 | 130-1026 | 1 | LH Fuel Tank ASM |
| 3 | 130-1027 | 1 | RH Fuel Tank ASM |
| 4 | 323-6 | 2 | Screw-HH |
| 5 | 321-5 | 2 | Screw-HH |
| 6 | 32128-33 | 2 | Nut-HF |
| 7 | 110-6186 | 2 | Hose-Fuel |
| 8 | 2412-80 | 2 | Clamp-Hose |
| 9 | 92-2379 | 2 | Clamp-Hose |
| 10 | 130-0964-03 | 1 | Radiator Cover ASM |
| 11 | 130-0995-01 | 1 | Cover-Bottom |
| 12 | 353-989 | 1 | Plug-Hex, Hollow |
| 12:1 | 237-42 | 1 | O-Ring |
| 13 | 2412-134 | 4 | Clamp-R |
| 14 | 130-1104-03 | 1 | Plate-Hold Down, RH |
| 15 | 130-5317 | 1 | Plate-Lock, Fuel Cap, RH |
| 15:2 | 93-6680 | 1 | Decal-Diesel |
| 16 | 130-1134-03 | 1 | Plate-Hold Down, LH |
| 17 | 130-5316 | 1 | Plate-Lock, Fuel Cap, LH |
| 17:2 | 93-6680 | 1 | Decal-Diesel |
| 18 | 322-4 | 4 | Screw-HH |
| 19 | 3296-29 | 4 | Nut-Lock, NI |
| 20 | 100-1663 | 2 | Pin-Hitch |
| 21 | 130-7714 | 1 | Hose-Fuel |
| 28 | 117-2718 | 1 | Decal-Arrester, Spark |
| 31 | 3290-378 | 2 | Tie-Cable |
| 32 | 131-0713 | 1 | Rod-Interlock |
| 33 | 85-6750 | 1 | Spring-Control |
| 34 | 88-7200 | 1 | Washer-Flat |
| 35 | 3290-307 | 1 | Pin-Cotter |
| 36 | 131-9175 | 1 | Seal-Foam |
| 37 | 133-1637-01 | 1 | Plate-Cover |
| 38 | 32144-14 | 3 | Screw-HWHTF |
| 39 | AU382892A1 | 1 | Blank-Switch, Rocker |
| 41 | 32144-4 | 2 | Screw-HWH |
| 42 | 323-5 | 4 | Screw-HH |
| 51 | 137-9030 | 1 | Decal-Ignition Switch |

# LH Fuel Tank Assembly No. 130-1026

# LH Fuel Tank Assembly No. 130-1026 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 95-8972 | 1 | Grommet |
| 3 | 104-5603 | 1 | Gauge-Level, Fuel |
| 4 | 46-6560 | 2 | Bushing |
| 5 | 1-643259 | 1 | Fitting-Elbow |
| 6 | 112-6374 | 1 | Fitting-Strainer |
| 7 | 2412-36 | 1 | Clamp-Hose |
| 8 | 104-5228 | 1 | Fitting-Elbow, 90 DEG |
| 9 | 130-7567 | 1 | Cap-Diesel, |

# RH Fuel Tank Assembly No. 130-1027

# RH Fuel Tank Assembly No. 130-1027 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 46-6560 | 1 | Bushing |
| 3 | 1-643259 | 1 | Fitting-Elbow |
| 4 | 112-6374 | 1 | Fitting-Strainer |
| 5 | 2412-36 | 1 | Clamp-Hose |
| 6 | 130-7567 | 1 | Cap-Diesel, |

# Hydraulic Tank and Track Shaft Assembly

# Hydraulic Tank and Track Shaft Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-0404 | 1 | Tank-HYD |
| 1:3 | | 1 | Tank Top ASM ● |
| 1:3:2 | 107-3557 | 1 | Gasket-Cover, Access |
| 1:3:3 | 108-6297 | 1 | Cover-Tank |
| 1:3:4 | 98-9940 | 6 | Screw-HHF |
| 1:11 | 353-988 | 1 | Plug-Hex |
| 1:11:1 | 237-79 | 1 | O-Ring |
| 2 | 125-0425 | 1 | Shaft-Track |
| 3 | 132-9074 | 2 | Hub-Shaft |
| 6 | 323-6 | 8 | Screw-HH |
| 7 | 3296-39 | 8 | Nut-Lock, NI |
| 8 | 321-5 | 3 | Screw-HH |
| 9 | 321-9 | 1 | Screw-HH |
| 10 | 110-8817 | 1 | Bracket-Pump, Fuel |
| 11 | 110-8806 | 1 | Pump-Fuel |
| 12 | 32128-33 | 4 | Nut-HF |
| 13 | 110-6186 | 1 | Hose-Fuel |
| 14 | 114-4028 | 1 | Hose-Fuel |
| 15 | 112-7836 | 1 | Filter-Inline |
| 16 | 136-5837 | 2 | Hose-Fuel |
| 17 | 92-2379 | 12 | Clamp-Hose |
| 18 | 61-2790 | 1 | Filter-Screen |
| 19 | 130-7686 | 1 | Dipstick |
| 20 | 237-123 | 1 | O-Ring |
| 21 | 93-7498 | 1 | Plug-Plastic |
| 22 | 68-6150 | 1 | Breather |
| 23 | 32144-11 | 1 | Screw-HWH |
| 24 | 109-2678 | 1 | Filter ASM |
| 24:2 | 63-8290 | 1 | Vent-Air |
| 24:3 | 63-8300 | 1 | Element-Spin On |
| 24:3:1 | 63-8310 | 1 | Valve-Drain |
| 25 | 353-781 | 2 | Fitting-HYD, 90 |
| 26 | 112-2620 | 1 | Bar-Reference |
| 27 | 3234-5 | 4 | Screw-HHF |
| 28 | 99-5005 | 1 | Fitting-Tee, Barbed |
| 29 | 130-1036-01 | 2 | Plate-Cover, Access |
| 30 | 83-1470 | 4 | Washer-Neoprene |
| 31 | 130-5315 | 2 | Arm-Locking |
| 31:2 | 115-4858 | 1 | Decal-Danger |
| 32 | 108-0094 | 4 | Pin-Cotterless |
| 33 | 133-0223 | 1 | Hose-Fuel |
| 34 | 133-8551 | 1 | Hose-Fuel |
| 35 | 133-1636 | 1 | Hose-Fuel |
| 37 | 132-8416 | 1 | Foam-Heat Shield |
| 38 | 132-8417 | 1 | Foam-Heat Shield |
| 40 | 3334-945 | 1 | Tie-Cable |
| 41 | 92-6064 | 1 | Clamp-R |
| 42 | 3256-38 | 1 | Washer-Flat |
| 43 | 322-4 | 1 | Screw-HH |
| 44 | 96-0864 | 1 | Fitting-Straight |
| 44:1 | 237-81 | 1 | O-Ring |
| 45 | 115-2231 | 1 | Fitting-STR |
| 45:1 | 237-79 | 1 | O-Ring |
| 46 | 94-5625 | 1 | Hose |
| 48 | 354-94 | 1 | Fitting-Female, Barbed |
| 49 | 2412-36 | 2 | Clamp-Hose |

● Not serviced separately

# Track, Drive Wheel and Tensioner Assembly

# Track, Drive Wheel and Tensioner Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 136-5845 | 2 | Track |
| 2 | 130-2793-03 | 2 | Wheel-Drive |
| 3 | 138-1417 | 10 | Wheel ASM |
| 3:2 | 138-1418 | 1 | Spacer |
| 3:3 | 138-0547 | 2 | Bearing-Ball |
| 3:4 | 138-1422 | 2 | Seal ASM |
| 5 | 133-8592-01 | 1 | RH Track Guide ASM |
| 6 | 127-9596-03 | 1 | Mount-Motor, RH |
| 7 | 132-8609-01 | 1 | LH Track Guide ASM |
| 9 | 130-1069 | 2 | Spacer |
| 10 | 127-9566-03 | 4 | Plate-Mount, Pivot |
| 11 | 65-8770 | 4 | Bushing-Bellcrank |
| 12 | 132-8620 | 2 | Plate-Pivot |
| 13 | 127-9595-03 | 1 | Mount-Motor, LH |
| 14 | 115-0722 | 8 | Washer-Plain |
| 15 | 133-8626 | 4 | Tensioner-Wheel |
| 15:2 | 104-6129 | 2 | Bearing-Ball |
| 16 | 104-8301 | 8 | Nut-HF, NI |
| 17 | 323-7 | 4 | Screw-HH |
| 18 | 127-9563 | 2 | Bolt-Tensioner |
| 19 | 127-9559-03 | 2 | Pivot-Tensioner |
| 20 | 108-4664 | 2 | Block-Tensioner |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 21 | 95-3624 | 2 | Spring-Compression |
| 22 | 127-9565 | 2 | Spacer-Pivot |
| 23 | 104-2024 | 4 | Nut-Hex, NI |
| 24 | 133-8579 | 10 | Screw-HH |
| 25 | 3296-24 | 10 | Nut-Hex |
| 26 | 133-8577 | 2 | Pin-Track |
| 27 | 125-0399 | 2 | Nut-HH |
| 28 | 99-2659 | 2 | Washer |
| 29 | AU426-1296 | 2 | Screw-HH |
| 30 | 133-8580 | 2 | Screw-HH |
| 31 | 130-1057 | 2 | Pin-Tensioner |
| 32 | 3296-51 | 2 | Nut-Lock, NI |
| 33 | 3256-39 | 2 | Washer-Flat |
| 34 | 32121-24 | 2 | Pin-Spring |
| 35 | 321-10 | 2 | Screw-HH |
| 36 | 32128-32 | 2 | Nut-HHF |
| 37 | 98-4799 | 2 | Spacer |
| 38 | 133-8581 | 4 | Track-Guide |
| 39 | 3274-69 | 12 | Screw-HSBH |
| 40 | 136-5750 | 2 | Decal-Indicator, Tensioner |
| 41 | 133-8574 | 2 | Spacer-Wheel, Mount |
| 42 | 323-10 | 4 | Screw-HH |

# Brake Assembly

# Brake Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 127-9649 | 1 | Brake Bracket ASM |
| 1:2 | 256-252 | 2 | Bearing-Flange |
| 2 | 130-5256 | 2 | Shaft ASM |
| 3 | 125-0344 | 2 | Spring-Compression |
| 4 | 130-5284-03 | 2 | Bracket-Brake |
| 5 | 323-7 | 4 | Screw-HH |
| 6 | 322-5 | 4 | Screw-HH |
| 7 | 3296-29 | 2 | Nut-Lock, NI |
| 8 | 3296-33 | 1 | Nut-Lock, NI |
| 11 | 133-0232 | 1 | Lever-Brake |
| 12 | 130-7737 | 2 | Cable-Brake |
| 14 | 3290-307 | 2 | Pin-Cotter |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 17 | 95-8900 | 1 | Switch |
| 18 | 32105-9 | 2 | Screw-HH |
| 19 | 3296-9 | 2 | Nut-Hex |
| 21 | 133-0234-03 | 1 | Plate-Linkage, Brake |
| 23 | 110-1037 | 1 | Grip-Handle |
| 24 | 93-5985 | 1 | Spring-Extension |
| 25 | 104-8301 | 2 | Nut-HF, NI |
| 26 | 104-3396 | 1 | Screw-HH |
| 27 | 3256-27 | 1 | Washer-Flat |
| 28 | 85-9120 | 2 | Spacer-Pivot, Tilt |
| 29 | 52-2860 | 2 | Washer |

# Front Tower Assembly

# Front Tower Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5323 | 1 | Tower-Front, LH |
| 1:2 | 115-2047 | 1 | Decal-Surface, Hot |
| 2 | 130-5177-01 | 1 | Tower, RH |
| 3 | 131-9201 | 2 | Pin-HYD |
| 4 | 125-3748 | 2 | Pin-Arm |
| 5 | 125-3695 | 2 | Pin-Link |
| 6 | 3234-38 | 18 | Screw-HHF |
| 7 | 32128-52 | 18 | Nut-Lock, Flange |
| 8 | 125-3667-03 | 1 | Plate-Cross, Tower |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | AU426-616 | 4 | Screw-HH |
| 11 | 3296-39 | 4 | Nut-Lock, NI |
| 12 | 302-5 | 6 | Fitting-Grease |
| 13 | 322-11 | 4 | Screw-HH |
| 14 | 3274-40 | 2 | Screw-HSH |
| 15 | 3296-29 | 6 | Nut-Lock, NI |
| 17 | 133-8571 | 2 | Trim-Seal |
| 18 | 133-8572 | 2 | Trim-Seal |

# Hydraulic Motor and Hose Assembly

# Hydraulic Motor and Hose Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-7729 | 2 | Motor-HYD |
| 2 | 3253-7 | 8 | Washer-Lock |
| 3 | 115-4845 | 8 | Screw-HH, TAP |
| 4 | 127-9567-03 | 4 | Plate-Mounting |
| 5 | 340-6 | 4 | Fitting-Straight |
| 5:1 | 237-30 | 1 | O-Ring |
| 5:2 | 237-80 | 1 | O-Ring |
| 6 | 107-9319 | 2 | Nut-Hex |
| 7 | 340-132 | 5 | Fitting-Elbow, 90 DEG |
| 7:1 | 237-78 | 1 | O-Ring |
| 7:2 | 237-21 | 1 | O-Ring |
| 8 | 340-92 | 2 | Fitting-Straight |
| 8:1 | 237-78 | 1 | O-Ring |
| 8:2 | 237-21 | 1 | O-Ring |
| 9 | 340-98 | 2 | Fitting-Elbow, 90 DEG |
| 9:1 | 237-79 | 1 | O-Ring |
| 9:2 | 237-30 | 1 | O-Ring |
| 13 | 354-73 | 1 | Fitting |
| 13:1 | 237-81 | 1 | O-Ring |
| 14 | 340-138 | 1 | Fitting-HYD, 45 DEG |
| 14:1 | 237-79 | 1 | O-Ring |
| 14:2 | 237-22 | 1 | O-Ring |
| 15 | 133-0226 | 2 | Hose-HYD |
| 16 | 130-7734 | 2 | Hose-HYD |
| 17 | 127-9622 | 2 | Hose-HYD |
| 19 | 127-9624 | 1 | Hose-HYD |
| 20 | 127-9625 | 1 | Hose-Return |
| 23 | 133-0231 | 1 | Hose-Return |
| 24 | 3334-945 | 1 | Tie-Cable |
| 25 | 340-101 | 2 | Fitting-HYD, 45 DEG |
| 25:1 | 237-30 | 1 | O-Ring |
| 25:2 | 237-79 | 1 | O-Ring |
| 26 | 2412-129 | 2 | Clamp-Hose |
| 27 | 340-103 | 4 | Fitting-HYD, 45 DEG |
| 27:1 | 237-78 | 1 | O-Ring |
| 27:2 | 237-21 | 1 | O-Ring |
| 28 | 354-136 | 1 | Fitting-STR |
| 28:1 | 237-80 | 1 | O-Ring |
| 29 | 127-9623 | 2 | Hose-HYD |

# Hydraulic Motor Assembly No. 130-7729

Parts not listed in
Parts List are not
serviced separately

# Hydraulic Motor Assembly No. 130-7729 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 100-6131 | 1 | Seal Kit |
| 2 | 106-7645 | 1 | Coupling-Shaft |
| 3 | 3257-42 | 1 | Key-Woodruff |
| 4 | 108-5634 | 1 | Motor Housing ASM |

# Radiator and Air Cleaner Assembly

# Radiator and Air Cleaner Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 131-8001 | 1 | Cooling ASM |
| 1:1 | 119-1430 | 1 | Radiator Cap ASM |
| 1:1:2 | 117-3276 | 1 | Decal-Danger |
| 1:2 | 161-7280 | 1 | Radiator Support Kit ● |
| 2 | 131-9256 | 1 | Shroud-Fan |
| 3 | 125-0377-03 | 1 | Bracket |
| 4 | 93-2191 | 1 | Air Cleaner Mounting Band ASM |
| 4:2 | 94-3653 | 1 | Bolt |
| 4:3 | 94-3654 | 1 | Spring |
| 4:4 | 48-9510 | 1 | *obs* Nut |
| 5 | 93-2190 | 1 | Air Cleaner ASM |
| 9 | 2412-92 | 3 | Clamp-Hose |
| 10 | 112-2386 | 1 | Hose-Fuel |
| 11 | 92-2379 | 2 | Clamp-Hose |
| 12 | 2412-34 | 4 | Clamp-Hose |
| 13 | 322-3 | 14 | Screw-HH |
| 14 | 32128-20 | 6 | Nut-HF |
| 15 | 3256-3 | 10 | Washer-Flat |
| 17 | 104-3563 | 1 | Indicator |
| 17:1 | 94-1416 | 1 | Adapter-Indicator |
| 18 | 131-9173 | 1 | Hose-Intake, Engine |
| 19 | 136-4552 | 1 | Hose-Radiator |
| 21 | 131-9153 | 1 | Hose-Radiator, Lower |
| 22 | 321-2 | 2 | Screw-HH |
| 24 | 130-0952 | 1 | Hose-Air, Inlet |
| 26 | 1-643163 | 1 | Tank-Overflow |
| 27 | 1-643164 | 1 | Cap-Tank, Overflow |
| 28 | 46-6560 | 1 | Bushing |
| 29 | 46-6550 | 1 | Fitting-Elbow, 90 DEG |
| 31 | 115-4865 | 1 | Decal-Fill, Radiator |
| 32 | 3256-22 | 5 | Washer-Flat |
| 33 | 108-6344 | 1 | Hose-Fuel |
| 34 | 2412-80 | 1 | Clamp-Hose |
| 35 | 93-7814 | 1 | Decal-Danger |
| 36 | 93-6681 | 1 | Decal-Warning, Fan |
| 37 | 131-9214 | 1 | Guard-Air |
| 38 | 131-9215 | 1 | Cover-Air |
| 39 | 131-8013 | 1 | Baffle-Heat |
| 40 | 32144-44 | 6 | Screw-HWH, Thread Roll |
| 41 | 323-4 | 1 | Screw-HH |
| 42 | 2412-107 | 1 | Clamp-R |
| 43 | 3296-39 | 1 | Nut-Lock, NI |

● Not illustrated

# Radiator Support Kit Assembly No. 161-7280

# Radiator Support Kit Assembly No. 161-7280 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-7721 | 4 | Nut-Clip, U |
| 2 | 132-3837 | 4 | Screw-HHF |
| 3 | 161-7293-03 | 4 | Washer-Square |
| 4 | 3256-3 | 1 | Washer-Flat |
| 5 | 92-6064 | 1 | Clamp-R |

# Air Cleaner Assembly No. 93-2190

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

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 108-3811 | 1 | Filter-Air V-Twin HD |
| 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 |

# Engine Mount and Muffler Assembly

# Engine Mount and Muffler Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-8066-03 | 2 | Mount-Engine |
| 2 | 121-9076 | 4 | Mount-Engine |
| 3 | 115-8068-03 | 1 | Mount-Engine LH |
| 4 | 115-8063-03 | 1 | Mount-Engine, RH |
| 5 | 130-7727 | 1 | Engine ASM |
| 6 | 87-5100 | 4 | Washer-Snubbing |
| 7 | 48-9590 | 12 | Washer-Lock |
| 8 | 43-0090 | 12 | Screw-HH |
| 9 | 104-8301 | 4 | Nut-HF, NI |
| 10 | 3234-29 | 8 | Screw-HHF |
| 11 | 323-12 | 4 | Screw-HH |
| 12 | 62-6660 | 4 | Spacer |
| 13 | 104-8300 | 8 | Nut-HF, NI |
| 14 | 130-1148-03 | 1 | Bracket-Throttle |
| 15 | 98-9311 | 1 | Swivel-Throttle |
| 16 | 99-8343 | 1 | Gasket-Muffler |
| 17 | 130-7743 | 1 | Cable-Throttle |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19 | 3220-1 | 2 | Nut-Jam |
| 20 | 114-8587 | 1 | Fitting-Hose |
| 20:1 | 98-9399 | 1 | Gasket |
| 21 | 92-7424 | 1 | Hose-Overflow, Radiator |
| 22 | 2412-36 | 2 | Clamp-Hose |
| 23 | 130-7732 | 1 | Muffler-Diesel |
| 24 | 33114-016 | 1 | Screw-HH |
| 25 | 108-9730 | 1 | Lever-Control |
| 26 | 233-42 | 1 | Knob |
| 27 | 3256-51 | 2 | Washer-Flat |
| 28 | 32149-7 | 2 | Nut-Keps |
| 29 | 3290-134 | 2 | Screw |
| 30 | 25-8640 | 1 | Screw-HH |
| 31 | 3296-20 | 1 | Nut-Lock, NI |
| 33 | 33104-020 | 6 | Screw-HHF |
| 34 | 63-7790 | 1 | Screw-Cap |
| 35 | 99-5131 | 1 | Bolt |

# Tandem Pump and Gear Pump Assembly

# Tandem Pump and Gear Pump Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 121-9076 | 1 | Mount-Engine |
| 2 | 130-7728 | 1 | Mount-Pump |
| 2:1 | 130-7724 | 1 | Housing-Pump Mount |
| 2:2 | 125-1179 | 1 | Flange-Coupler |
| 2:3 | 56-2140 | 2 | Screw-HH |
| 2:4 | 108-1420 | 3 | Screw-HSH |
| 2:6 | 115-7370 | 4 | Washer-Plain |
| 2:7 | 33095-00 | 2 | Washer-Flat |
| 2:8 | 33014-00 | 1 | Nut-Hex |
| 3 | 104-8301 | 1 | Nut-HF, NI |
| 4 | 323-12 | 1 | Screw-HH |
| 5 | 121-4593 | 1 | Pump-Tandem |
| 6 | 130-7731 | 1 | Pump-Gear |
| 7 | 130-7725 | 1 | Hub-Pump |
| 8 | 3234-38 | 2 | Screw-HHF |
| 9 | 09718 | 2 | Screw-Sh |
| 10 | 237-161 | 1 | O-Ring |
| 11 | 130-7582 | 1 | Strainer-Suction |
| 12 | 112-7374 | 1 | Fitting |
| 13 | 130-7561 | 1 | Hose-Suction |
| 14 | 2412-111 | 2 | Clamp-Hose, W/Liner |
| 15 | 125-3736-03 | 1 | Plate-Support, Pump |
| 16 | 322-4 | 2 | Screw-HH |
| 17 | 104-8300 | 2 | Nut-HF, NI |
| 18 | 136-5794 | 2 | Flange |
| 19 | 324-5 | 4 | Screw-HH |
| 20 | 63-7400 | 1 | Washer-Rebound |
| 21 | 130-7717 | 1 | Hose-HYD |
| 22 | 130-7719 | 1 | Hose-HYD |
| 23 | 136-5838 | 2 | Fitting-HYD |
| 23:1 | 237-22 | 1 | O-Ring |
| 24 | 130-7716 | 2 | Fitting-HYD |
| 24:1 | 237-22 | 1 | O-Ring |
| 25 | 130-7588 | 1 | Base-Filter |
| 26 | 130-7587 | 1 | Pipe-Joint |
| 27 | 130-7586 | 1 | Base-Filter |
| 28 | 104-5169 | 1 | Filter-Oil |
| 29 | 33104-020 | 2 | Screw-HHF |
| 30 | 62-6660 | 1 | Spacer |
| 31 | 131-0197 | 4 | Screw-HSH |
| 32 | 3253-6 | 4 | Washer-Lock |
| 33 | 115-5420 | 1 | O-Ring |

# Tandem Pump Assembly No. 121-4593

# Tandem Pump Assembly No. 121-4593 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6041 | 2 | Seal Kit |
| 2 | 132-6042 | 4 | Spacer-Jet |
| 3 | 132-6043 | 2 | Plate-Swash |
| 4 | 132-6044 | 1 | Plate-Valve |
| 5 | 132-6045 | 1 | Shaft Seal Kit |
| 6 | 132-6046 | 4 | High Pressure Relief Valve Kit |
| 7 | 132-6047 | 1 | Tandem Connection Pipe Kit |
| 8 | 132-6048 | 2 | Rotating Group Kit |
| 9 | 132-6049 | 2 | HYD Servo Control Kit |

# Gear Pump Assembly No. 130-7731

# Gear Pump Assembly No. 130-7731 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6028 | 1 | Seal Kit |
| 1:1 | | 1 | Seal-Shaft ● |
| 1:2 | | 2 | Seal-Gear ● |
| 1:3 | | 2 | Ring-Backup ● |
| 1:4 | | 1 | Seal-Square ● |
| 1:5 | | 1 | O-Ring ● |
| 1:6 | | 2 | Ring-Backup ● |
| 1:7 | | 2 | Seal-Gear, Rear ● |

● Not serviced separately

# Control Valve and Reference Bar Assembly

# Control Valve and Reference Bar Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5321 | 1 | Plate-Control |
| 1:2 | 131-0708 | 1 | Decal-Control Panel |
| 2 | 125-3704 | 1 | Valve-Control |
| 3 | 112-2620 | 2 | Bar-Reference |
| 4 | 321-5 | 6 | Screw-HH |
| 5 | 3296-42 | 10 | Nut-Lock, NI |
| 6 | 130-7723 | 2 | Ball-Traction |
| 7 | 130-7692 | 1 | Handle-Control |
| 8 | 3234-5 | 4 | Screw-HHF |
| 10 | 94-6961 | 4 | Screw |
| 11 | 131-9162 | 1 | Handle-Traction |
| 13 | 132-8414 | 1 | Foam-Shield, Heat |
| 14 | 132-8415 | 1 | Foam-Shield, Heat |
| 15 | 75-5470 | 2 | Spacer-Bearing |
| 16 | 133-1642 | 1 | Cover-Rubber |
| 17 | 133-1641 | 1 | Plate-Clamp |
| 18 | 321-6 | 2 | Screw-HH |

# Control Valve Assembly No. 125-3704

Parts not listed in Parts List are not serviced separately

# Control Valve Assembly No. 125-3704 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6034 | 2 | Bellow Kit |
| 1:1 | | 1 | Bellow-Rubber ■ |
| 1:2 | | 1 | Tie-Cable ■ |
| 2 | 132-6035 | 2 | Limit Switch Kit |
| 2:1 | | 2 | Screw ■ |
| 2:2 | | 1 | Cable ■ |
| 2:3 | | 1 | Fairlead ■ |
| 2:4 | | 1 | Connector ■ |
| 2:5 | | 1 | Screw ■ |
| 2:6 | | 1 | Tie-Wire ■ |
| 2:7 | | 2 | Tie-Cable ■ |
| 2:8 | | 1 | Spring ■ ● |
| 2:9 | | 1 | Tie-Cable ■ |
| 3 | 132-6036 | 2 | Fulcrum Kit |
| 3:1 | | 4 | Screw ■ |
| 3:2 | | 1 | Support Kit ■ |
| 3:3 | | 1 | Plate-Mounting ■ |
| 4 | 132-6037 | 2 | Switch Holder Lever Kit |
| 4:1 | | 1 | Lever-Holder, Switch ■ |
| 4:2 | | 1 | Spring-Return ■ |
| 4:3 | | 1 | Sphere ■ |
| 4:4 | | 1 | Holder-Spring ■ |
| 5 | 100-7246 | 2 | O-Ring |

● Not illustrated

■ Not serviced separately

# 2-Spool Valve and Auxiliary Valve Assembly

# 2-Spool Valve and Auxiliary Valve Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-7710 | 1 | 2 Spool Valve ASM |
| 3 | 322-4 | 3 | Screw-HH |
| 4 | 51-2070 | 1 | Nut |
| 5 | 131-8025 | 1 | Shaft-Handle, Lift/Tilt |
| 6 | 340-2 | 4 | Fitting-Straight |
| 6:1 | 237-22 | 1 | O-Ring |
| 6:2 | 237-42 | 1 | O-Ring |
| 7 | 340-4 | 7 | Fitting-Straight |
| 7:1 | 237-30 | 1 | O-Ring |
| 7:2 | 237-79 | 1 | O-Ring |
| 9 | 340-109 | 1 | Fitting-Tee |
| 9:1 | 237-79 | 1 | O-Ring |
| 9:2 | 237-30 | 2 | O-Ring |
| 11 | 92-5821 | 1 | Head-Filter |
| 12 | 321-4 | 2 | Screw-HH |
| 13 | 86-3010 | 2 | Filter-Oil |
| 14 | 100-4202 | 1 | Fitting-90 |
| 14:1 | 237-81 | 1 | O-Ring |
| 17 | 340-68 | 2 | Fitting-Tee, Bulkhead |
| 17:1 | 237-22 | 3 | O-Ring |
| 18 | 100-5616 | 1 | Fitting |
| 19 | 354-79 | 1 | Cap-Dust |
| 23 | 233-21 | 1 | Knob |
| 24 | 136-4538 | 1 | Double Detent Valve ASM |
| 25 | 340-157 | 1 | Fitting-HYD, Tee |
| 25:1 | 237-79 | 1 | O-Ring |
| 25:2 | 237-30 | 2 | O-Ring |
| 26 | 340-70 | 4 | Nut-Lock |
| 27 | 127-9629 | 1 | Hose-HYD |
| 29 | 127-9631 | 1 | Hose-HYD |
| 30 | 127-9632 | 1 | Hose-HYD |
| 31 | 130-7597 | 1 | Hose-HYD |
| 32 | 127-9634 | 1 | Hose-Return |
| 33 | 130-7565 | 1 | Hose-Return |
| 34 | 130-7566 | 1 | Hose-Return |
| 35 | 353-954 | 1 | Fitting-Elbow, 90 |
| 35:1 | 237-79 | 1 | O-Ring |
| 36 | 353-987 | 1 | Fitting-Elbow, 90 |
| 36:1 | 237-81 | 1 | O-Ring |
| 37 | 133-0235 | 1 | Bracket-Auxiliary |
| 38 | 131-9277 | 1 | Handle ASM |
| 39 | 114-0249 | 1 | Spring-Extension |
| 41 | 33114-035 | 1 | Screw-HH |
| 42 | 3296-29 | 3 | Nut-Lock, NI |
| 43 | 233-42 | 1 | Knob |
| 44 | 322-13 | 3 | Screw-HH |
| 45 | 72-4310 | 1 | Switch-Ball |
| 46 | 119-2309 | 1 | Bolt-Shldr,HH |
| 47 | 3296-42 | 1 | Nut-Lock, NI |
| 49 | 340-159 | 2 | Elbow-90 |
| 49:1 | 237-22 | 2 | O-Ring |
| 50 | 2412-129 | 4 | Clamp-Hose |
| 51 | 56-9530 | 1 | Fitting-HYD, 90 DEG |
| 51:1 | 237-117 | 1 | O-Ring |
| 52 | 127-9627 | 1 | Hose-Suction |
| 53 | AU375462A1 | 1 | Connector |
| 53:1 | 237-81 | 1 | O-Ring |
| 54 | 127-9626 | 1 | Hose-Return |
| 55 | 2412-34 | 4 | Clamp-Hose |
| 56 | 120-0880 | 1 | Hose-HYD |
| 57 | 33024-00 | 1 | Nut-Lock, NI |
| 58 | 237-42 | 1 | O-Ring |
| 59 | 3290-378 | 2 | Tie-Cable |
| 60 | 131-8011 | 1 | Deflector-Air |
| 61 | 131-8012 | 1 | Bracket-Deflector |
| 62 | 32151-68 | 1 | Ring-Retaining |
| 63 | 110-6894 | 1 | Washer-Pivot |

# 2-Spool Valve Assembly No. 130-7710

Parts not listed in Parts List are not serviced separately

# 2-Spool Valve Assembly No. 130-7710 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 106-7724 | 1 | Joystick Kit |
| 1:1 | 98-0668 | 3 | Nut |
| 1:2 | 106-7726 | 1 | Pivot-Joystick |
| 1:3 | 106-7727 | 1 | Pin-Joystick |
| 1:4 | 106-7728 | 1 | End-Rod |
| 1:5 | 42-9850 | 3 | Washer-Lock, Spring |
| 1:6 | 98-5828 | 3 | Screw-HSH |
| 1:7 | 106-7729 | 1 | Bellow-Rubber |
| 1:8 | 3290-379 | 1 | Tie-Cable |
| 1:9 | 106-7730 | 2 | Joint-Joystick |
| 1:10 | 106-7731 | 1 | Holder-Articulated |
| 2 | 106-7725 | 1 | Seal-Joystick |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 3 | 106-7738 | 2 | Seal-Valve, Spool |
| 4 | 106-7737 | 1 | Spool-Valve |
| 5 | 106-7736 | 1 | Spool-Valve |
| 6 | 132-6031 | 1 | Valve-Relief, Main |
| 7 | 353-988 | 2 | Plug-Hex |
| 7:1 | 237-79 | 1 | O-Ring |
| 8 | 106-7734 | 3 | Valve-Relief |
| 9 | 106-7719 | 2 | Seal-Valve |
| 10 | 106-7732 | 1 | Valve Spring Kit |
| 11 | 106-7733 | 1 | Detent Spring Kit |
| 12 | 132-6032 | 1 | Joint-SAE 8 |
| 13 | 132-6033 | 1 | Plug |

# Double Detent Valve Assembly No. 136-4538

# Double Detent Valve Assembly No. 136-4538 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6038 | 1 | Lever Kit (With Screws) |
| 2 | 114-8624 | 1 | Valve-Spool |
| 3 | 132-6039 | 1 | Valve-Relief |
| 4 | 106-7719 | 2 | Seal-Valve |
| 5 | 136-5810 | 1 | Spring/Coil Valve Kit |
| 6 | 136-5811 | 1 | Coil-Valve |
| 7 | 136-5812 | 1 | Valve-Tube, Pull |

# Loader Arm Assembly

# Loader Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5151-03 | 1 | Link-Lower, LH |
| 2 | 130-5153-03 | 1 | Link-Lower, RH |
| 3 | 130-5318 | 1 | Link-Upper |
| 3:2 | 130-2836 | 2 | Decal-Warning, Crushing |
| 3:3 | 120-0625 | 1 | Decal-Warning |
| 3:4 | 130-5200 | 4 | Bushing-Spring |
| 4 | 131-8023 | 1 | Loader Arm ASM |
| 4:2 | 133-0217 | 2 | Decal |
| 4:3 | 120-0625 | 2 | Decal-Warning |
| 4:4 | 115-4855 | 1 | Decal-Caution |
| 4:5 | 98-4871 | 2 | Bushing-Tension |
| 4:6 | 131-0711 | 2 | Decal-Warning |
| 5 | 130-5176 | 1 | Cylinder-Lift, LH |
| 6 | 130-5175 | 1 | Cylinder-Lift, RH |
| 7 | 130-5195 | 1 | Cylinder-HYD, Dump |
| 10 | 136-4708 | 2 | Pin-Pivot |
| 11 | 130-5178 | 2 | Pin-Pivot |
| 12 | 125-3695 | 2 | Pin-Link |
| 13 | 3274-40 | 5 | Screw-HSH |
| 14 | 99-5105 | 2 | Screw-Shoulder |
| 15 | 3296-29 | 4 | Nut-Lock, NI |
| 16 | 130-5210 | 1 | Pin-Locking |
| 18 | 302-5 | 4 | Fitting-Grease |
| 19 | 130-5199 | 4 | Bushing-Spring |
| 22 | 5-1470 | 4 | Screw-HH |
| 23 | 130-5221 | 4 | Plate-Holddown, Hose |
| 24 | 131-9150 | 2 | Spacer-Hose |
| 25 | 131-9151 | 2 | Spacer-Hose |
| 31 | 133-1666 | 2 | Guide |
| 33 | 3274-31 | 2 | Screw-HSBH |
| 34 | 131-0596 | 2 | Pad-Wear, Frame |
| 36 | ST80422 | 16 | Screw |
| 38 | 87-6630 | 2 | Washer-Plain |
| 39 | 3296-42 | 2 | Nut-Lock, NI |

# Hydraulic Cylinder Assembly No. 130-5176

# Hydraulic Cylinder Assembly No. 130-5176 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6029 | 1 | Seal Kit |

# Hydraulic Cylinder Assembly No. 130-5175

# Hydraulic Cylinder Assembly No. 130-5175 (continued)

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 132-6029 | 1 | Seal Kit |

# Hydraulic Cylinder Assembly No. 130-5195

# Hydraulic Cylinder Assembly No. 130-5195 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6030 | 1 | Seal Kit |

# Loader Hydraulic Assembly

# Loader Hydraulic Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 133-8570 | 2 | HYD Hose ASM |
| 2 | 127-9637 | 2 | Hose-HYD |
| 3 | 133-8569 | 2 | HYD Hose ASM |
| 4 | 130-7718 | 1 | Sleeve-Protective |
| 5 | 100-6128 | 1 | Sleeve-Protective |
| 6 | 3290-378 | 4 | Tie-Cable |
| 7 | 94-8105 | 2 | Clamp-Tube |
| 8 | 130-5221 | 2 | Plate-Holddown, Hose |
| 9 | 9114524 | 2 | Bolt-TAP, HH |
| 10 | 3296-29 | 2 | Nut-Lock, NI |
| 11 | 127-9633 | 1 | Hose-HYD |
| 12 | 130-7598 | 1 | Hose-HYD |
| 13 | 340-2 | 6 | Fitting-Straight |
| 13:1 | 237-22 | 1 | O-Ring |
| 13:2 | 237-42 | 1 | O-Ring |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 105-8394 | 1 | Bulkhead Coupler ASM |
| 14:1 | 237-65 | 1 | O-Ring |
| 15 | 105-8395 | 1 | Bulkhead Nipple ASM |
| 15:1 | 237-65 | 1 | O-Ring |
| 15:2 | 100-6120 | 1 | Seal Kit ● |
| 16 | 340-74 | 2 | Nut-Lock, Bulkhead |
| 17 | 340-69 | 2 | Elbow-Bulkhead, 45 DEG |
| 17:1 | 237-22 | 2 | O-Ring |
| 18 | 340-70 | 2 | Nut-Lock |
| 19 | 100-8815 | 1 | Cap-Dust, Nipple |
| 20 | 100-8816 | 1 | Cap-Dust, Coupler |
| 21 | 127-9630 | 2 | Hose-HYD |
| 22 | 131-9152 | 2 | Plate-Clamp, Hose |
| 23 | 133-8568 | 2 | Sleeve-Protective |

● Not illustrated

# Quick Attach Assembly

# Quick Attach Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5222 | 3 | Pin-Pivot |
| 2 | 302-5 | 3 | Fitting-Grease |
| 3 | 99-5105 | 3 | Screw-Shoulder |
| 4 | 132-8418 | 1 | Quick Attach ASM |
| 4:1 | 130-7708-03 | 1 | Mount-Qtach |
| 4:2 | 105-0246 | 2 | Cam |
| 4:3 | 98-4694 | 2 | Spring-Compression |
| 4:4 | 104-5909 | 1 | Stop-RH |
| 4:5 | 104-5903 | 1 | Stop-LH |
| 4:6 | 132-8419 | 2 | Pin-Locking |
| 4:7 | 3285-1 | 2 | Pin-Grooved |
| 4:8 | 302-5 | 2 | Fitting-Grease |
| 4:9 | 98-4871 | 1 | Bushing-Tension |

# Front Cover and Side Panel Assembly

# Front Cover and Side Panel Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-1734-03 | 1 | Panel-Side, LH |
| 2 | 132-1733-03 | 1 | Panel-Side, RH |
| 3 | 136-5752 | 1 | Front Cover ASM |
| 3:2 | 115-2047 | 2 | Decal-Surface, Hot |
| 4 | 133-0230-03 | 1 | Cover-Front |
| 5 | 3234-42 | 6 | Screw-HHF |
| 6 | 322-3 | 2 | Screw-HH |
| 7 | 130-5239-03 | 1 | Hood Latch/Rod ASM |
| 8 | 3296-29 | 2 | Nut-Lock, NI |
| 10 | 3234-14 | 2 | Screw-HHF |
| 11 | 107-3154 | 4 | Nut-Push |
| 12 | 115-7109 | 2 | Washer-Flat |

# Hood Assembly

# Hood Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 130-5298-03 | 1 | Engine Hood ASM |
| 2 | 100-1284 | 1 | Hinge-Hood |
| 3 | 321-4 | 12 | Screw-HH |
| 4 | 3296-42 | 12 | Nut-Lock, NI |
| 5 | 130-5228-03 | 1 | Bracket-Prop, Hood |
| 6 | 108-6357 | 1 | Rod-Support, Hood |
| 7 | 115-0714 | 1 | Bracket-Latch, Locking |
| 8 | 3290-250 | 1 | Pin-Cotter |
| 9 | 3256-24 | 1 | Washer-Plain |
| 10 | 106-9335 | 1 | Housing-Latch |
| 11 | 130-5232-03 | 1 | Bracket-Latch |
| 12 | 105-6245 | 1 | Screw-Tapping |
| 13 | 130-5233 | 1 | Cam-Hooked |
| 14 | 321-2 | 1 | Screw-HH |
| 15 | 3253-3 | 1 | Washer-Lock |
| 16 | 104-0869 | 1 | Spring |
| 18 | 3296-60 | 1 | Nut-Lock, NI |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19 | 108-5639 | 1 | Handle-Latch |
| 20 | 130-5248 | 2 | Pad-Hood |
| 21 | 117-0871 | 1 | Decal |
| 22 | 130-5345 | 1 | Trim-Seal, Bulb |
| 23 | 65-5100 | 2 | Handle-Door |
| 24 | 46-8091 | 4 | Screw-HWH |
| 25 | 133-0206 | 1 | Grip-Lever, Hood |
| 26 | 131-0597 | 1 | Decal-Service |
| 26 | 132-8636 | 1 | Decal-Service, French |
| 26 | 132-8637 | 1 | Decal-Service, German |
| 26 | 132-8638 | 1 | Decal-Service, Spanish |
| 26 | 132-8639 | 1 | Decal-Service, Italian |
| 26 | 132-8640 | 1 | Decal-Service, Dutch |
| 26 | 132-8641 | 1 | Decal-Service, Polish |
| 26 | 132-8642 | 1 | Decal-Service, Russian |
| 26 | 132-8643 | 1 | Decal-Service, Slovak |

# Manual Tube Assembly

# Manual Tube Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 3269-10 | 2 | Washer-Back |
| 3 | 2412-120 | 2 | Clamp-R |
| 4 | 104-7050 | 1 | Tube-Manual |
| 5 | 104-7048 | 1 | Cap-Housing |
| 6 | 3269-17 | 2 | Rivet-Pop |

# Platform and Cushion Assembly

# Platform and Cushion Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-6026-03 | 1 | Hinge-Pad |
| 2 | 110-5070 | 3 | Bumper |
| 3 | 104-8300 | 3 | Nut-HF, NI |
| 4 | 108-3744 | 2 | Screw-Shoulder |
| 5 | 131-9301 | 1 | Platform |
| 6 | 125-3749 | 2 | Pin-Cylinder |
| 7 | 322-10 | 2 | Screw-HH |
| 8 | 3296-29 | 10 | Nut-Lock, NI |
| 9 | 130-1042 | 1 | Cushion-Pad |
| 10 | 130-1043 | 1 | Cushion-Pad |
| 11 | 130-1044 | 1 | Cushion-Pad |
| 12 | 130-1054 | 1 | Pad-Foot |
| 13 | 109-4872 | 7 | Screw-HSH |
| 14 | 322-3 | 8 | Screw-HH |
| 15 | 3274-69 | 3 | Screw-HSBH |
| 16 | 32104-95 | 1 | Screw-HWH |
| 17 | 3296-42 | 3 | Nut-Lock, NI |
| 18 | 32128-20 | 2 | Nut-HF |
| 19 | 130-5293 | 1 | Lever-Switch, Auxiliary |
| 20 | 130-5310-03 | 1 | Bracket-Switch, LH |
| 22 | 95-8900 | 1 | Switch |
| 23 | 32105-9 | 2 | Screw-HH |
| 24 | 3296-9 | 2 | Nut-Hex |
| 27 | 114-8629 | 1 | Bolt-Shldr |
| 28 | 1-603735 | 2 | Bushing-Flanged |
| 29 | 3256-45 | 1 | Washer-Flat |
| 31 | 59-3660 | 1 | Spring |
| 32 | 130-5313-03 | 1 | Plate-Clamp |
| 34 | 130-5311-03 | 1 | Bracket-Switch, RH |
| 35 | 3256-3 | 2 | Washer-Flat |
| 36 | 1-803037 | 1 | Nut-Retaining |
| 37 | 107069 | 1 | Clip |
| 38 | 321-5 | 1 | Screw-HH |
| 39 | 85-9120 | 2 | Spacer-Pivot, Tilt |

# Electrical Assembly

# Electrical Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 80-9330 | 1 | Audio Alarm ASM |
| 1:1 | 104-5107 | 1 | Nut-Plastic, Knurled |
| 3 | 130-5236-03 | 1 | Tray-Battery |
| 4 | 106-5190 | 1 | Battery, 660 CCA W/O Electrolyte |
| 5 | 121-5159 | 1 | Switch-Ignition |
| 5:2 | 121-5160 | 1 | Nut-Hex |
| 5:3 | 121-5161 | 1 | Nut-Face |
| 5:4 | 121-5162 | 1 | Set-Key, Ignition |
| 6 | 1-643275 | 4 | Relay |
| 10 | 43-5930 | 1 | Washer-Lock, Spring |
| 11 | 43-2830 | 1 | Nut-Hex |
| 12 | 131-8031 | 1 | Cable-Battery, Positive |
| 13 | 131-8033 | 1 | Cable-Battery, Negative |
| 20 | 132-8645 | 1 | Harness-Wire |
| 20:7 | 218-578 | 2 | Fuse-Blade, 10 Amp |
| 20:8 | 109355 | 2 | Fuse-Blade, 15 Amp |
| 20:16 | 94-8002 | 1 | Fuse-Blade, 50 Amp |
| 20:18 | 103-3895 | 1 | Diode |
| 20:20 | 116-0053 | 1 | Cap-Plug |
| 21 | 130-7635 | 1 | Module-Hour Meter |
| 26 | 322-4 | 4 | Screw-HH |
| 27 | 3296-29 | 4 | Nut-Lock, NI |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 28 | 136-5755-03 | 1 | Strap-Hold Down, Battery |
| 29 | 136-5756 | 2 | Rod-Hold Down, Battery |
| 30 | 1-803038 | 2 | Wingnut |
| 31 | 109-9376 | 1 | Receptacle-12V |
| 32 | 321-4 | 1 | Screw-HH |
| 34 | 114-5502 | 1 | Clip-Fuse |
| 37 | 112-2463 | 1 | Harness-Link, Fusible |
| 38 | 322-6 | 1 | Screw-HH |
| 39 | 104-8300 | 1 | Nut-HF, NI |
| 40 | 32128-33 | 1 | Nut-HF |
| 41 | 32105-13 | 4 | Screw-HWH |
| 42 | 32149-7 | 8 | Nut-Keps |
| 43 | 117-1701 | 2 | Screw-HWHTF |
| 44 | 98-3825 | 1 | Switch-Temp |
| 45 | 3256-23 | 1 | Washer-Plain |
| 46 | 3290-378 | 1 | Tie-Cable |
| 47 | 131-8009-03 | 1 | Mount-Remote Terminal |
| 48 | AUR52278 | 1 | Switch-Disconnect, Master |
| 49 | 132-1364 | 1 | Stud-Jumper, Positive |
| 50 | 131-8026 | 1 | Decal-Battery Disconnect |
| 51 | 131-8032 | 1 | Cable-Battery, Positive |
| 52 | 122-0103 | 1 | Cable-Battery, Positive |
| 58 | 136-5813 | 1 | Harness-Wire |

# Crankcase Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 117-8800 | 1 | Crankcase ASM |
| 20 | 98-9398 | 4 | Cap-Sealing |
| 30 | 98-7539 | 1 | Cap-Sealing |
| 40 | 98-9687 | 6 | Plug |
| 50 | 105-3779 | 1 | Plug |
| 60 | 98-9380 | 2 | Ball |
| 70 | 98-7487 | 2 | Plug |
| 80 | 98-7488 | 1 | Plug |
| 90 | 98-9668 | 1 | Plug-Expansion |
| 100 | 98-9375 | 2 | Pin-Straight |
| 110 | 98-9377 | 2 | Pin-Straight |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 120 | 98-9376 | 2 | Pin-Straight |
| 130 | 98-9387 | 2 | Pin-Pipe |
| 140 | 98-9539 | 1 | Pin-Pipe |
| 150 | 98-9599 | 1 | Plug |
| 160 | 98-9630 | 1 | Pin-Spring, Start |
| 170 | 98-9675 | 1 | Plug |
| 180 | 98-9656 | 1 | Bushing-Governor, Gear |
| 190 | 120-2559 | 1 | Plug |
| 200 | 98-7428 | 1 | Gasket |
| 220 | 120-3121 | 1 | Draincock ASM |
| 230 | 98-9416 | 1 | Switch-Oil |

# Oil Pan Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 132-4940 | 1 | Oil Pan ASM |
| 20 | 98-9686 | 1 | Plug-Drain |
| 30 | 110-9715 | 1 | Gasket-Pan, Oil |
| 40 | 114-8151 | 1 | Plug-Drain |
| 50 | 98-7524 | 1 | Gasket |
| 60 | 98-9351 | 26 | Bolt |
| 70 | 132-4939 | 1 | Screen-Filter, Oil |
| 80 | 105-3776 | 1 | O-Ring |
| 90 | 98-7526 | 1 | Bolt |

# Cylinder Head Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 130-1231 | 1 | Hook-Engine |
| 20 | 98-9478 | 1 | Hook-Engine |
| 30 | AU126123A1 | 2 | Bolt |
| 40 | 117-8802 | 1 | Cylinder Head ASM |
| 50 | 105-3705 | 1 | Cap-Sealing |
| 60 | 98-9687 | 2 | Plug |
| 70 | 107-9066 | 3 | Guide-Valve, Inlet |
| 80 | 107-9067 | 3 | Guide-Valve, Exhaust |
| 90 | 98-9389 | 2 | Cap-Sealing |
| 100 | 98-9479 | 14 | Bolt-Head, Cylinder |
| 110 | 108-6573 | 1 | Gasket-Head, Cylinder |
| 120 | 98-9444 | 1 | Plug |

# Gear Case Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 117-8803 | 1 | Gear Case ASM |
| 15 | 117-8804 | 1 | Cap-Sealing |
| 20 | 127-0425 | 2 | Plug |
| 25 | 98-7487 | 1 | Plug |
| 50 | 130-1511 | 1 | Spring |
| 60 | 130-1510 | 1 | Valve-Relief |
| 70 | 130-1508 | 1 | Rotor ASM |
| 80 | 130-1509 | 1 | Cover-Pump, Oil |
| 90 | 130-1164 | 5 | Screw-Binding |
| 110 | 117-8835 | 1 | Gasket-Case, Gear |
| 120 | 100-1765 | 3 | Bolt |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 130 | 125-9063 | 4 | Bolt-Sems |
| 140 | 98-9356 | 2 | Bolt |
| 150 | 100-1766 | 2 | Bolt |
| 160 | 107-9090 | 4 | Bolt |
| 170 | 105-3709 | 1 | Stud |
| 180 | 100-2203 | 1 | Nut-Flange |
| 185 | 105-3710 | 2 | Stud |
| 190 | 119-8038 | 1 | Seal-Oil |
| 200 | 99-3515 | 1 | Plug-Gearcase |
| 210 | 107-9075 | 1 | Plug-Filler, Oil |
| 220 | 99-3446 | 1 | O-Ring |

# Cylinder Head Cover Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 117-8805 | 1 | Cylinder Head Cover ASM |
| 20 | 117-8806 | 1 | Gasket-Cover, Head |
| 30 | 110-3715 | 1 | Valve-Breather |
| 40 | 110-3714 | 1 | Cover-Breather |
| 50 | 98-9364 | 4 | Screw (With Washer) |
| 60 | 98-7766 | 1 | Pipe-Return, Water |
| 70 | 108-7063 | 5 | Bolt |
| 80 | 108-2858 | 1 | Tube-Breather |
| 90 | 108-2859 | 1 | Clamp-Hose |
| 100 | 108-2860 | 1 | Clamp-Hose |
| 110 | 107-9075 | 1 | Plug-Filler, Oil |
| 120 | 99-3446 | 1 | O-Ring |

# Dipstick and Guide Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 132-4941 | 1 | Gauge-Oil |
| 20 | 132-4942 | 1 | Guide-Gauge, Oil |
| 30 | 98-9722 | 1 | O-Ring |
| 40 | AU126123A1 | 1 | Bolt |
| 50 | 110-3720 | 1 | Plug-Gauge, Oil |

# Main Bearing Case Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 112-7026 | 1 | Wheel Bearing Case ASM |
| 20 | 98-9484 | 2 | Bolt-Case, Bearing |
| 25 | 115-4121 | 1 | Metal-Crankshaft (STD) |
| 25 | 112-7039 | 1 | Metal-Crankshaft (0.2Mm) |
| 25 | 112-7040 | 1 | Metal-Crankshaft (-0.4Mm) |
| 30 | 131-6554 | 1 | Gasket-Case, Bearing |
| 40 | 112-7046 | 1 | Cover-Case, Bearing |
| 50 | 112-0180 | 1 | Seal-Oil |
| 60 | 112-7037 | 1 | Gasket-Cover, Case |
| 70 | 127-0441 | 8 | Bolt |
| 80 | 127-0442 | 9 | Bolt |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 90 | 117-8809 | 1 | Main Bearing Case ASM |
| 92 | 98-9484 | 2 | Bolt-Case, Bearing |
| 95 | 117-8810 | 1 | Metal-Crankshaft |
| 95 | 117-8811 | 1 | Metal-Crankshaft |
| 95 | 117-8812 | 1 | Metal-Crankshaft |
| 100 | 98-9485 | 2 | Bolt-Case, Bearing |
| 110 | 117-8813 | 1 | Main Bearing Case ASM |
| 120 | 98-9484 | 2 | Bolt-Case, Bearing |
| 130 | 117-8810 | 1 | Metal-Crankshaft |
| 130 | 117-8811 | 1 | Metal-Crankshaft |
| 130 | 117-8812 | 1 | Metal-Crankshaft |

# Camshaft and Idle Gear Shaft Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 112-0185 | 6 | Tappet |
| 20 | 117-8814 | 6 | Rod-Push |
| 30 | 130-1545 | 1 | Camshaft ASM |
| 40 | 110-3729 | 1 | Ball |
| 50 | 98-9512 | 1 | Gear-Cam |
| 60 | 98-9378 | 1 | Key-Feather |
| 70 | 131-6555 | 1 | Stopper (Camshaft) |
| 80 | 98-7692 | 2 | Bolt |
| 90 | 117-7584 | 1 | Idler Gear ASM |
| 100 | 117-7585 | 1 | Bushing-Gear, Idle |
| 110 | 98-9535 | 1 | Collar-Gear, Idle |
| 120 | 98-9536 | 1 | Collar-Gear, Idle |
| 130 | 98-9534 | 1 | Circlip-Gear, Idle |
| 140 | 98-9533 | 1 | Shaft-Gear, Idle |
| 150 | 98-7692 | 3 | Bolt |

# Piston and Crankshaft Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 130-1546 | 3 | Piston (STD) |
| 10 | 130-1549 | 3 | Piston (+0.50MM) |
| 20 | 130-1506 | 3 | Piston Ring ASM (STD) |
| 20 | 130-1507 | 3 | Piston Ring ASM (+0.50MM) |
| 30 | 98-9513 | 3 | Pin-Piston |
| 40 | 98-9514 | 6 | Circlip-Pin, Piston |
| 50 | 117-7586 | 3 | Connecting Rod ASM |
| 60 | 115-3014 | 3 | Bushing-Pin, Piston |
| 70 | 98-9517 | 6 | Bolt-Rod, Connecting |
| 80 | 98-9553 | 3 | Bearing-Rod (STD) |
| 80 | 98-9519 | 3 | Bearing-Rod (-0.2MM) |
| 80 | 117-7588 | 3 | Metal-Crankpin (-0.4MM) |
| 90 | 132-4944 | 1 | Crankshaft ASM |
| 95 | 98-9522 | 1 | Sleeve-Crankshaft |
| 100 | 117-7561 | 1 | Gear-Crankshaft |
| 110 | 98-9666 | 1 | Key |
| 120 | 127-0445 | 1 | Gear-Drive, Oil Pump |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 130 | 127-0444 | 1 | Collar-Crankshaft |
| 140 | 105-3783 | 1 | O-Ring |
| 150 | 117-8818 | 1 | Metal-Crankshaft |
| 150 | 117-8819 | 1 | Metal-Crankshaft |
| 150 | 117-8820 | 1 | Metal-Crankshaft |
| 160 | 98-9413 | 2 | Bearing-Thrust (STD) |
| 160 | 127-0416 | 2 | Metal-Side (+0.2Mm) |
| 160 | 127-0417 | 2 | Metal-Side (+0.40Mm) |
| 170 | 98-9688 | 2 | Bearing-Thrust (STD) |
| 170 | 127-0437 | 2 | Metal-Side (+0.2MM) |
| 170 | 127-0438 | 2 | Metal-Side (+0.40MM) |
| 180 | 130-1547 | 3 | Piston Kit |
| 180 | 130-1548 | 3 | Piston Kit |
| 190 | 117-8823 | 1 | Engine Metal Kit |
| 190 | 117-8824 | 1 | Engine Metal Kit |
| 190 | 117-8825 | 1 | Engine Metal Kit |

# Flywheel Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 117-8826 | 1 | Flywheel ASM |
| 20 | 105-3722 | 1 | Gear-Ring |
| 30 | 98-9537 | 6 | Bolt-Flywheel |
| 40 | 98-9486 | 1 | Plate-End, Rear |
| 50 | 98-9392 | 8 | Bolt |

# Fuel Camshaft and Governor Shaft Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 98-9459 | 1 | Camshaft-Fuel |
| 20 | 107-9077 | 1 | Bearing-Ball |
| 30 | 107-9078 | 1 | Bearing-Ball |
| 60 | 130-1512 | 1 | Nut |
| 70 | 130-1378 | 1 | Gear-Injection Pump |
| 80 | 98-9595 | 1 | Key-Woodruff |
| 90 | 98-9511 | 1 | Stopper-Fuel, Camshaft |
| 100 | 98-7692 | 2 | Bolt |
| 110 | 98-9644 | 1 | Governor Shaft ASM |
| 120 | 98-9562 | 1 | Holder-Gear, Governor |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 130 | 98-9673 | 1 | Gear-Governor |
| 140 | 98-9561 | 1 | Holder-Weight, Governor |
| 150 | 130-1240 | 2 | Governor Weight ASM |
| 160 | 98-9560 | 2 | Shaft-Weight, Governor |
| 170 | 98-9692 | 2 | Roller |
| 180 | 98-9563 | 1 | Sleeve-Governor |
| 190 | 98-9564 | 1 | Washer-Thrust |
| 200 | 107-9079 | 1 | Bearing-Ball |
| 210 | 98-9657 | 1 | Circlip-Shaft, Governor |
| 220 | 98-9565 | 1 | Screw-Set |

# Idle Apparatus Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 132-4937 | 1 | Apparatus-Idling |
| 20 | 132-4938 | 1 | Adjustment Bolt ASM |
| 30 | 98-9439 | 1 | Nut |
| 40 | 112-0181 | 1 | Nut |
| 50 | 98-7654 | 2 | Gasket |
| 60 | 98-7656 | 1 | Cap |
| 70 | 112-7015 | 1 | Bolt-Adjusting |
| 80 | 100-2175 | 1 | Nut-Lock |
| 90 | 112-0181 | 1 | Nut |
| 100 | 98-7654 | 2 | Gasket |
| 110 | 107-9081 | 1 | Gasket |
| 120 | 131-6556 | 1 | Bolt |
| 130 | 98-7572 | 1 | Nut |
| 140 | 98-7654 | 1 | Gasket |

# Stop Solenoid Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 104-5155 | 1 | Solenoid-Stop |
| 20 | 130-1155 | 2 | Screw-HSH |
| 30 | 112-7016 | 1 | Cover-Pump |

# Injection Pump Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 98-9596 | 1 | Joint-Eye |
| 20 | 98-9643 | 1 | Injection Pump ASM |
| 30 | 98-9464 | 1 | Bolt-Joint |
| 40 | 98-9445 | 2 | Gasket |
| 50 | 98-9430 | 1 | Screw |
| 60 | 98-9446 | 1 | Gasket |
| 70 | 98-9466 | 1 | Plug |
| 80 | 98-9451 | 1 | Gasket |
| 90 | 98-9456 | 1 | Shim-Injection (0.20MM) |
| 90 | 98-9457 | 1 | Shim-Injection (0.25MM) |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 90 | 98-9458 | 1 | Shim-Injection (0.30MM) |
| 90 | 115-3046 | 1 | Shim-Injection (0.35MM) |
| 90 | 115-3045 | 1 | Shim-Injection (0.175MM) |
| 100 | 117-7564 | 2 | Bolt-Hex Soc HD |
| 110 | 98-9438 | 2 | Stud |
| 120 | 98-9440 | 2 | Nut-Cap |
| 130 | 98-7699 | 2 | Washer-Spring |
| 140 | 99-3514 | 1 | Cover |
| 150 | 117-7562 | 1 | Gasket-Pump, Fuel |
| 160 | 100-2203 | 2 | Nut-Flange |

# Governor Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 105-3786 | 1 | Spring-Start |
| 20 | 107-7839 | 1 | Spring-Governor |
| 30 | 115-4502 | 1 | Fork Lever ASM |
| 40 | 107-9084 | 1 | Lever-Fork |
| 50 | 107-9085 | 1 | Shaft-Lever, Fork |
| 60 | 107-9086 | 1 | Shaft-Lever, Fork |
| 70 | 98-9570 | 1 | Bearing-Miniaturize |
| 80 | 115-4122 | 1 | Cover-Shaft, Fork Lever |
| 90 | 98-9682 | 1 | Gasket |
| 100 | 98-9350 | 2 | Bolt |
| 110 | 98-9567 | 1 | Collar |
| 120 | 98-9571 | 1 | Bearing-Miniaturize |

# Speed Control Plate Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 98-9661 | 1 | Control Plate ASM |
| 20 | 98-9662 | 1 | Lever-Control, Speed |
| 30 | 98-9572 | 2 | Lever-Control, Speed |
| 40 | 105-3788 | 1 | O-Ring |
| 50 | 98-7602 | 2 | Pin-Spring |
| 60 | 98-9594 | 2 | Washer-Plain |
| 70 | 98-9589 | 2 | Nut |
| 80 | 98-9658 | 1 | Governor Lever ASM |
| 90 | 98-9663 | 1 | Lever-Stop, Engine |
| 100 | 98-7601 | 1 | Seal-Oil |
| 110 | 98-9472 | 1 | Spring-Return |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 120 | 98-9664 | 1 | Shaft-Lever, Stop |
| 130 | 98-9637 | 1 | Gasket |
| 140 | 98-7692 | 1 | Bolt |
| 150 | 105-3710 | 2 | Stud |
| 160 | 100-2203 | 2 | Nut-Flange |
| 180 | 127-0401 | 1 | Bolt-Hex |
| 190 | 98-7654 | 1 | Gasket |
| 200 | 117-7566 | 1 | Bolt-Adjusting |
| 210 | 117-7565 | 2 | Bolt-Adjusting |
| 220 | 98-7572 | 3 | Nut |

# Nozzle Holder and Glow Plug Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 98-9620 | 1 | Overflow Pipe ASM |
| 20 | 98-9431 | 1 | Screw-Bleeder, Air |
| 30 | 98-7654 | 1 | Gasket |
| 40 | 98-9420 | 1 | Overflow Pipe ASM |
| 45 | 112-0182 | 1 | Pipe-Overflow |
| 50 | 98-7671 | 2 | Clip-Pipe |
| 60 | 115-3018 | 3 | Nozzle Holder Kit |
| 65 | 121-2411 | 3 | Nut |
| 70 | 98-7676 | 3 | Gasket |
| 80 | 98-7677 | 3 | Seal-Heat |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 90 | 132-4945 | 1 | Pipe Injection |
| 100 | 132-4946 | 1 | Pipe Injection |
| 110 | 132-4947 | 1 | Pipe Injection |
| 120 | 98-7682 | 2 | Clamp-Pipe |
| 130 | 98-7683 | 2 | Clamp-Pipe |
| 140 | 98-7684 | 2 | Screw (W/Washer) |
| 150 | 130-1411 | 3 | Plug-Glow |
| 160 | 98-9631 | 1 | Cord-Plug, Glow |
| 170 | 99-8377 | 3 | Nut-Flange |

# Nozzle Holder Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 115-3018 | 3 | Nozzle Holder Kit |
| 20 | 121-2411 | 3 | Nut |
| 30 | 99-8302 | 3 | Washer-Adjusting |
| 40 | 99-8303 | 3 | Spring-Nozzle |
| 50 | 99-8304 | 3 | Spacer-Distance |
| 60 | 99-8305 | 3 | Rod-Push |
| 70 | 99-8306 | 3 | Nut-Nozzle |
| 80 | 99-8307 | 3 | Washer-Plain |
| 90 | 115-3020 | 3 | Piece-Nozzle |
| 100 | 99-8309 | 3 | Adjusting Washer ASM |
| 110 | 99-8310 | 3 | Washer-Adjust (0.10MM) |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 110 | 99-8311 | 3 | Washer-Adjust (0.20MM) |
| 110 | 99-8312 | 3 | Washer-Adjust (0.30MM) |
| 110 | 99-8313 | 3 | Washer-Adjust (0.40MM) |
| 110 | 99-8314 | 3 | Washer-Adjust (0.50MM) |
| 110 | 99-8315 | 3 | Washer-Adjust (0.52MM) |
| 110 | 99-8316 | 3 | Washer-Adjust (0.54MM) |
| 110 | 99-8317 | 3 | Washer-Adjust (0.56MM) |
| 110 | 99-8318 | 3 | Washer-Adjust (0.58MM) |
| 110 | 99-8319 | 3 | Washer-Adjust (0.80MM) |
| 120 | 98-7676 | 3 | Gasket |
| 130 | 98-7677 | 3 | Seal-Heat |

# Alternator and Pulley Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 131-6557 | 1 | Alternator ASM |
| 20 | 112-7047 | 1 | Stay-Dynamo |
| 30 | 108-7088 | 1 | Bolt |
| 40 | 98-9360 | 1 | Bolt |
| 50 | 98-7737 | 1 | Nut |
| 60 | 98-9366 | 1 | Washer-Plain |
| 70 | 99-7527 | 1 | Washer-Spring |
| 80 | 98-7692 | 1 | Bolt |
| 90 | 117-8830 | 1 | Pulley-Drive, Fan |
| 100 | 98-9585 | 1 | Bolt |
| 110 | 98-9676 | 1 | V-Belt |
| 120 | 104-4246 | 1 | Fan-Engine |
| 130 | 98-9584 | 1 | Pulley-Fan |
| 140 | 104-4247 | 1 | Spacer-Fan |
| 150 | 108-2873 | 4 | Bolt-Flange |

# Alternator Components Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 131-6557 | 1 | Alternator ASM |
| 20 | 98-9453 | 1 | Pulley-Dynamo |
| 30 | 98-7708 | 1 | Nut |
| 40 | 98-7709 | 1 | Collar |
| 50 | 107-0136 | 1 | Rotor ASM |
| 60 | 98-7711 | 1 | Cover-Bearing |
| 70 | 107-0138 | 1 | Bearing-Ball |
| 80 | 98-7713 | 1 | Washer-Thrust |
| 90 | 107-0139 | 1 | Drive End Frame ASM |
| 100 | 98-7715 | 1 | Plate-Retainer |
| 110 | 98-7716 | 4 | Screw-Head, Round |
| 120 | 98-7717 | 2 | Bolt-Through |
| 130 | 133-2811 | 1 | Bearing |
| 140 | 107-9087 | 1 | Frame-End |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 150 | 107-0140 | 1 | Cover-End |
| 160 | 98-7721 | 1 | Rectifier ASM |
| 170 | 98-7722 | 1 | Bushing-Insulation |
| 180 | 107-0141 | 1 | Brush Holder ASM |
| 190 | 98-7724 | 2 | Brush |
| 200 | 98-7725 | 2 | Spring-Brush |
| 210 | 98-7726 | 2 | Screw-Head, Round |
| 220 | 98-7727 | 6 | Screw-Head, Round |
| 230 | 98-7728 | 1 | Screw-Head, Round |
| 240 | 98-7729 | 3 | Bolt |
| 250 | 98-7730 | 2 | Nut |
| 260 | 98-7731 | 2 | Bolt |
| 270 | 98-7732 | 1 | Nut |
| 280 | 110-3799 | 1 | Regulator ASM |

# Starter Installation Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 132-4948 | 1 | Starter |
| 20 | 98-7697 | 2 | Bolt |
| 30 | 98-7739 | 1 | Nut |
| 40 | 131-9579 | 1 | Washer-Spring, Lock |

# Starter Component Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 132-4948 | 1 | Starter |
| 20 | 132-4949 | 1 | Yoke |
| 30 | 132-4930 | 1 | Armature |
| 40 | 98-7743 | 1 | Bearing |
| 50 | 98-7744 | 1 | Bearing |
| 60 | 132-4934 | 1 | Clutch ASM |
| 70 | 132-4933 | 1 | Housing ASM |
| 80 | 105-3746 | 1 | Magnetic Switch ASM |
| 90 | 132-4932 | 1 | Holder-Brush |
| 100 | 132-4931 | 4 | Spring-Brush |
| 110 | 132-4935 | 1 | Frame End ASM |
| 120 | 98-7751 | 1 | Gear |
| 130 | 98-7753 | 5 | Roller |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 140 | 98-7752 | 1 | Retainer |
| 150 | 98-7755 | 1 | Ball |
| 160 | 98-7754 | 1 | Spring |
| 170 | 98-7756 | 2 | Bolt |
| 180 | 100-2210 | 2 | Bolt-Through |
| 190 | 98-7758 | 2 | Bolt ASM |
| 200 | 99-8376 | 1 | Nut-Hex |
| 210 | 99-8375 | 1 | Cover |
| 220 | 99-8371 | 1 | Nut-Hex |
| 230 | 98-7757 | 2 | O-Ring |
| 240 | 98-7759 | 1 | Pipe-Drain |
| 250 | 98-9711 | 1 | Cord-Solenoid, Stop |
| 260 | 98-9712 | 1 | Band-Cover |

# Water Flange and Thermostat Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 132-4943 | 1 | Water Flange ASM |
| 20 | 98-9580 | 1 | Pipe-Return, Water |
| 30 | 110-3821 | 2 | Plug |
| 40 | 98-9638 | 1 | Gasket-Flange, Water |
| 50 | 98-7692 | 3 | Bolt |
| 60 | 98-9356 | 1 | Bolt |
| 70 | 98-9578 | 1 | Pipe-Return, Water |
| 80 | 125-9078 | 2 | Clamp-Hose |
| 90 | 98-7778 | 1 | Thermostat ASM |
| 100 | 98-9471 | 1 | Cover-Thermostat |
| 110 | 105-3748 | 1 | Gasket-Thermostat |
| 120 | 98-7777 | 2 | Bolt |

# Water Pump Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 107-9089 | 1 | Water Pump ASM |
| 20 | 99-3516 | 1 | Flange-Pump, Water |
| 40 | 105-3750 | 1 | Mechanical Seal ASM |
| 50 | 112-7017 | 1 | Impeller-Pump, Water |
| 60 | 100-1932 | 1 | Pipe-Return, Water |
| 70 | 99-3454 | 1 | Gasket-Pump, Water |
| 80 | 98-9353 | 4 | Bolt |
| 90 | 107-9090 | 4 | Bolt |
| 100 | 98-9716 | 1 | Pipe-Water |
| 110 | 107-9091 | 1 | Pipe-Water |
| 120 | 127-0439 | 2 | Clamp-Hose |

# Valve and Rocker Arm Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 112-7018 | 3 | Valve-Inlet |
| 20 | 120-2564 | 3 | Valve-Exhaust |
| 30 | 98-9648 | 6 | Spring-Valve |
| 40 | 107-9092 | 6 | Retainer-Spring |
| 50 | 98-9390 | 6 | Collet-Spring, Valve |
| 60 | 99-8385 | 6 | Seal-Stem, Valve |
| 70 | 98-9497 | 6 | Cap-Valve |
| 80 | 130-1248 | 1 | Shaft-Arm, Rocker |
| 90 | 108-2873 | 2 | Bolt-Flange |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 100 | 98-9505 | 3 | Bracket-Arm, Rocker |
| 110 | 105-3758 | 1 | Pin-Spring |
| 120 | 98-9507 | 2 | Washer-Shaft, Rocker Arm |
| 130 | 110-3832 | 2 | Washer-Plain |
| 140 | 98-9504 | 2 | Spring-Arm, Rocker |
| 150 | 112-7020 | 6 | Rocker Arm ASM |
| 160 | 98-9502 | 6 | Screw-Adjusting |
| 170 | 98-9503 | 6 | Nut |
| 180 | 117-8832 | 3 | Bolt |

# Inlet and Exhaust Manifold Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 108-6577 | 1 | Inlet Manifold ASM |
| 20 | 98-9492 | 1 | Joint-Pipe, Breather |
| 30 | 98-9609 | 1 | Gasket-Manifold, Inlet |
| 40 | 127-0403 | 3 | Bolt-Flange |
| 50 | 98-9353 | 1 | Bolt |
| 60 | 105-3797 | 2 | Bolt |
| 70 | 107-9093 | 1 | Manifold-Exhaust |
| 80 | 99-8327 | 1 | Gasket-Manifold, Exhaust |
| 90 | 98-9588 | 6 | Stud |
| 100 | 98-9665 | 6 | Nut |

# Accessories and Service Parts

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 130-1543 | 1 | Manual-Operator |

# Upper Gasket Kit

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 117-8833 | 1 | Upper Gasket Kit |
| 20 | 108-6573 | 1 | Gasket-Head, Cylinder |
| 30 | 117-8806 | 1 | Gasket-Cover, Head |
| 40 | 98-9609 | 1 | Gasket-Manifold, Inlet |
| 50 | 99-8343 | 1 | Gasket-Muffler |
| 60 | 99-8327 | 1 | Gasket-Manifold, Exhaust |
| 70 | 98-9638 | 1 | Gasket-Flange, Water |
| 80 | 105-3748 | 1 | Gasket-Thermostat |
| 90 | 98-7677 | 3 | Seal-Heat |
| 100 | 99-3446 | 2 | O-Ring |
| 110 | 98-7676 | 3 | Gasket |
| 120 | 99-8385 | 6 | Seal-Stem, Valve |

# Lower Gasket Kit

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 10 | 117-8834 | 1 | Lower Gasket Kit |
| 30 | 117-8835 | 1 | Gasket-Case, Gear |
| 40 | 131-6554 | 1 | Gasket-Case, Bearing |
| 50 | 112-7037 | 1 | Gasket-Cover, Case |
| 60 | 98-9682 | 1 | Gasket |
| 70 | 117-7562 | 1 | Gasket-Pump, Fuel |
| 80 | 98-9637 | 1 | Gasket |
| 90 | 99-3454 | 1 | Gasket-Pump, Water |
| 100 | 98-7654 | 6 | Gasket |
| 110 | 98-7524 | 1 | Gasket |
| 120 | 110-9715 | 1 | Gasket-Pan, Oil |
| 130 | 98-9482 | 1 | Seal-Oil |
| 140 | 112-0180 | 1 | Seal-Oil |

# Attachments and Accessories

## For 22328 TX 1000 Wide Track Compact Tool Carrier

| Product Name | Model/Part |
|---|---|
| Light Kit | 131-9247 |
| Standard Bucket | 22340 |
| Adjustable Forks | 22341 |
| High Volume Bucket | 22342 |
| 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 |
| Crumber Kit | 22464 |
| Trench Filler | 22472 |
| High-Torque Trencher Head | 22473 |
| High-Speed Trencher Head | 22474 |
| Narrow Bucket | 22520 |
| Grapple Rake | 22521 |
| Auger Head | 22805 |
| Universal Swivel Auger Head | 22806 |
| 18in Auger Bit | 22814 |
| 24in Auger Bit | 22815 |
| 30in Auger Bit | 22816 |
| 12in Auger Bit Extension | 22818 |
| 24in Auger Bit Extension | 22819 |
| 6in Full-Flight Auger Bit | 22820 |
| 9in Full-Flight Auger Bit | 22821 |
| 12in Full-Flight Auger Bit | 22822 |
| 15in Full-Flight Auger Bit | 22823 |
| Vibratory Plow | 22911 |
| Soil Cultivator | 23102 |
| Low Flow Auxiliary Kit | 23134 |
| Concrete Breaker | 23135 |
| Leveler | 23165 |
| Double Detent Valve | 23171 |
| Stump Grinder Fit-Up Kit | 23172 |

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