Form Number 3359-502 Rev A

# Commercial Walk-Behind Mower

## Floating Deck Pistol Grip Hydro with 48in TURBO FORCE® Cutting Unit

**Model No. 30288 - 280000001 and up.**

# Parts Catalog

**Ordering Replacement Parts**

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

**Understanding Reference Numbers**

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

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

**Service Assembly Reference Numbers**

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

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

**Reference Numbers Indicating Quantity**

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

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

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# Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

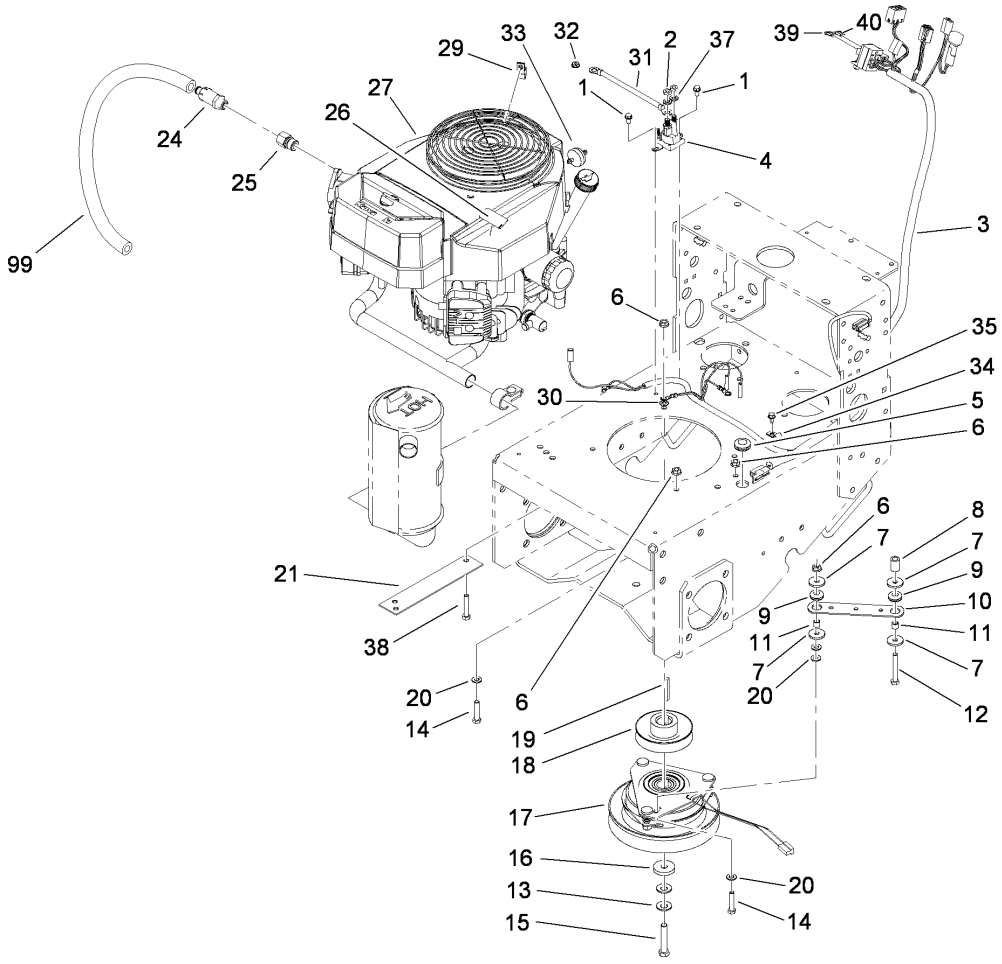
| | |
|---|---|
| AR | as required |
| ASM | assembly |
| BBC | blade brake clutch |
| CARR | carriage |
| DEG | degrees |
| EXT | external |
| FH | flat head |
| GA | gauge |
| HD | heavy-duty |
| HF | hex flange |
| HH | hex head |
| HHF | hex head flange |
| HHFTF | hex head flange thread forming |
| HJ | hex jam |
| HLH | hex lag head |
| HOC | height-of-cut |
| HSBH | hex socket button head |
| HSFH | hex socket flat head |
| HSH | hex socket head |
| HWH | hex washer head |
| HWHTF | hex washer head thread forming |
| HYD | hydraulic |
| LH | left hand |
| NI | nylon insert |
| NPTF | national pipe thread fine |
| PFH | phillips flat head |
| PPH | phillips pan head |
| PPHTF | phillips pan head thread forming |
| PRH | phillips round head |
| PTH | phillips truss head |
| PTO | power-take-off |
| RH | right hand |
| ROPS | roll-over protection system |
| SFH | slotted fillister head |
| SHH | slotted hex head |
| SHWH | slotted hex washer head |
| SPH | slotted pan head |
| SQH | square head |
| SRH | slotted round head |
| STD | standard |
| TAP | self tapping |
| TTH | torx truss head |

# Footnotes

❶ Not illustrated

❷ Not serviced separately

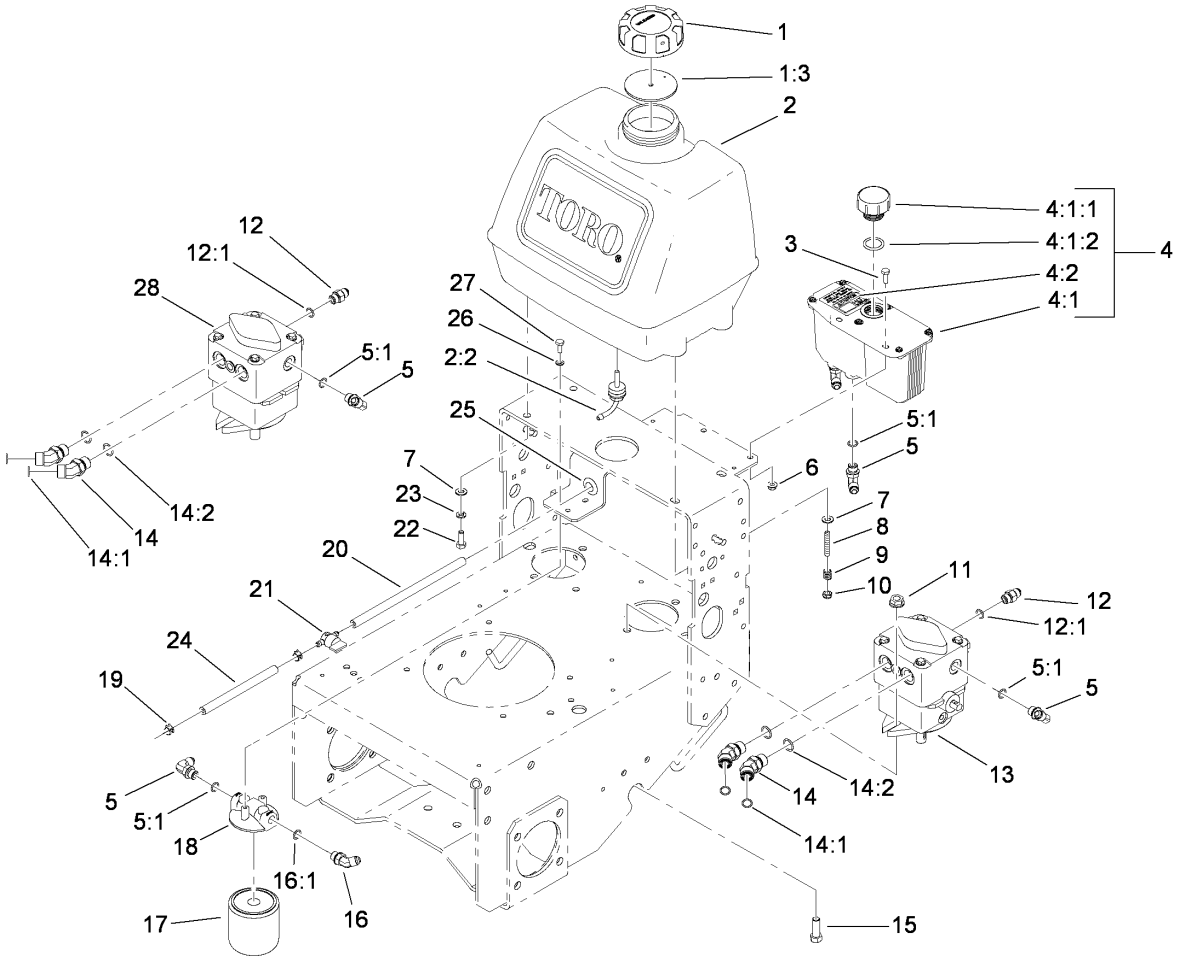
❸ Obtain from your local Kawasaki dealer




# Engine and Clutch Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32144-4 | 2 | Screw-HWH |
| 2 | 3220-2 | 2 | Nut-Jam |
| 3 | 106-8780 | 1 | Harness-Wire |
| 4 | 1-513075 | 1 | Switch-Solenoid |
| 5 | 112-7069 | 1 | Grommet |
| 6 | 32128-20 | 6 | Nut-HF |
| 7 | 1-613235 | 4 | Washer |
| 8 | 104-6373 | 1 | Tube-Retainer |
| 9 | 1-633630 | 2 | Grommet-Brake |
| 10 | 1-633543-03 | 1 | Strap-Clutch, Brake |
| 11 | 1-633545 | 2 | Spacer |
| 12 | 322-11 | 1 | Screw-HH |
| 13 | 1-603610 | 2 | Washer-Spring |
| 14 | 322-7 | 4 | Screw-HH |
| 15 | 3212-9 | 1 | Screw-HH |
| 16 | 107-4136 | 1 | Washer |
| 17 | 105-2635 | 1 | Clutch / Brake |
| 18 | 112-7067 | 1 | Pulley |
| 19 | 608006 | 1 | Key-Square |
| 20 | 3256-23 | 5 | Washer-Flat |
| 21 | 94-5847-01 | 1 | Cover-Pulley |
| 24 | 92-6877 | 1 | Valve-Drain, Oil |
| 25 | 103-1966 | 1 | Adapter |
| 26 | 106-0699 | 1 | Decal-Warning |

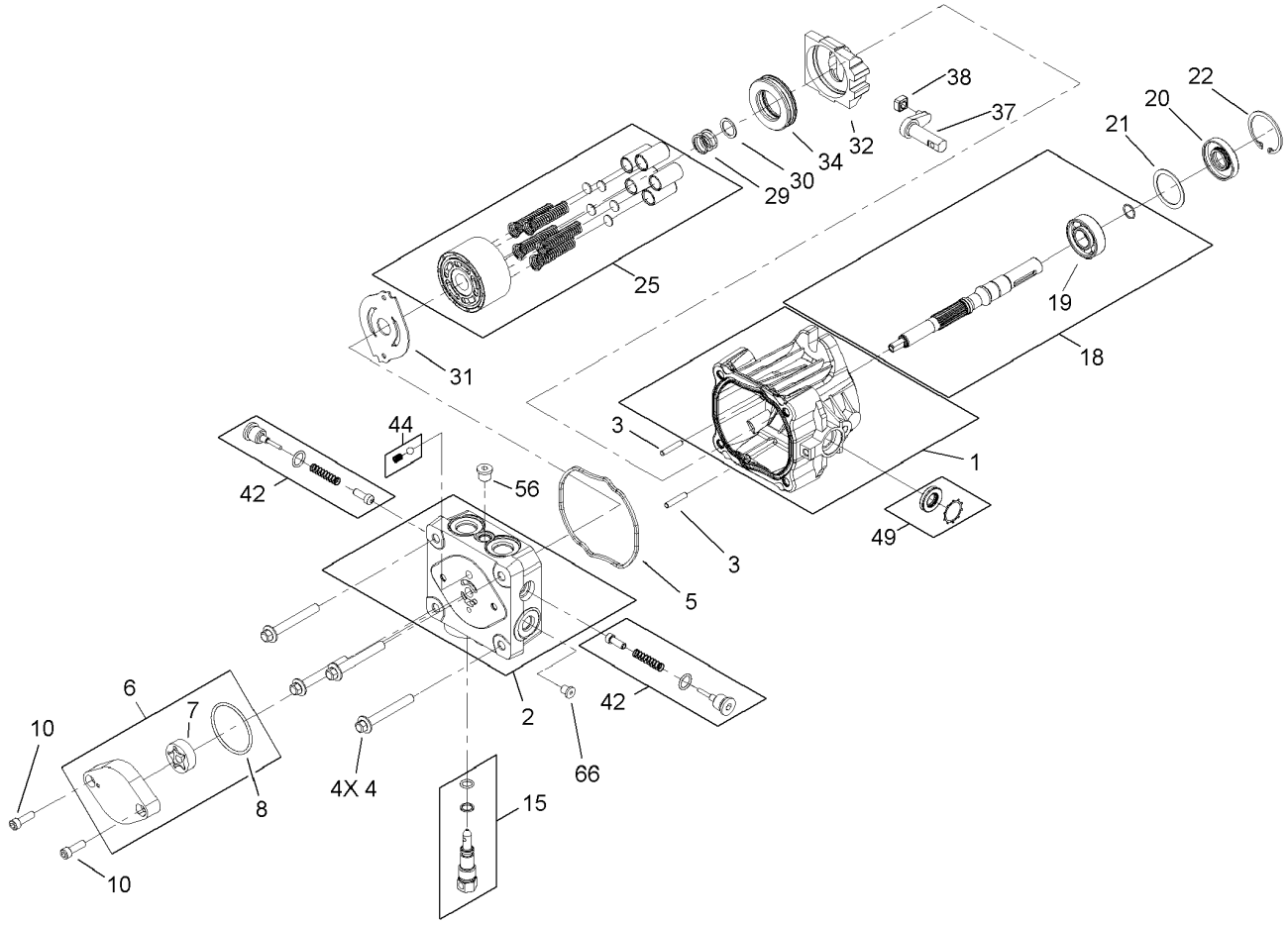
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷❸27 | | 1 | Engine-Kawasaki, FH580V-Ds28 |
| 29 | 2412-87 | 1 | Clamp-Cable |
| 30 | 3255-8 | 1 | Washer-Lock |
| 31 | 112-9707 | 1 | Cable-Battery, Pos |
| 32 | 32149-2 | 1 | Nut-Keps |
| 33 | 56-6360 | 1 | Filter-Fuel |
| 34 | 2412-72 | 1 | Clip-Closed, Insulated |
| 35 | 12-3270 | 1 | Screw |
| 37 | 3253-4 | 2 | Washer-Lock |
| 38 | 322-9 | 1 | Screw-HH |
| 39 | 109102 | 1 | Fuse-25 Amp |
| 40 | 109103 | 1 | Fuse-30 Amp |
| 99 | 103-1964 | 1 | Hose-Drain, Oil |




# Fuel System, Hydro Pump and Filter Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 88-3980 | 1 | Gas Cap ASM |
| 1:3 | 88-4010 | 1 | Gasket-Cap, Gas |
| 2 | 106-0730 | 1 | Fuel Tank ASM |
| 2:2 | 103-2605 | 1 | Fitting-Fuel, Bulkhead |
| 3 | 321-4 | 2 | Screw-HH |
| 4 | 103-1947 | 1 | HYD Reservoir ASM |
| ❷4:1 | | 1 | Reservoir-HYD |
| 4:1:1 | 103-1948 | 1 | Cap-Reservoir, HYD |
| 4:1:2 | 103-1949 | 1 | Gasket-Cap |
| 4:2 | 1-523552 | 1 | Decal-Tank, HYD |
| 5 | 353-374 | 5 | Elbow-90 DEG |
| 5:1 | 237-42 | 1 | O-Ring |
| 6 | 32128-33 | 2 | Nut-HF |
| 7 | 3256-23 | 4 | Washer-Flat |
| 8 | 104-8121 | 2 | Stud-Threaded |
| 9 | 1-633349 | 2 | Spring-Tank, Fuel |
| 10 | 3296-47 | 2 | Nut-Lock, NI |
| 11 | 32128-42 | 4 | Nut-HF |
| 12 | 353-384 | 2 | Fitting-Straight |
| 12:1 | 237-42 | 1 | O-Ring |
| 13 | 109-4988 | 1 | Pump-HYD |
| 14 | 340-101 | 4 | Fitting-HYD, 45 DEG |
| 14:1 | 237-30 | 1 | O-Ring |
| 14:2 | 237-79 | 1 | O-Ring |

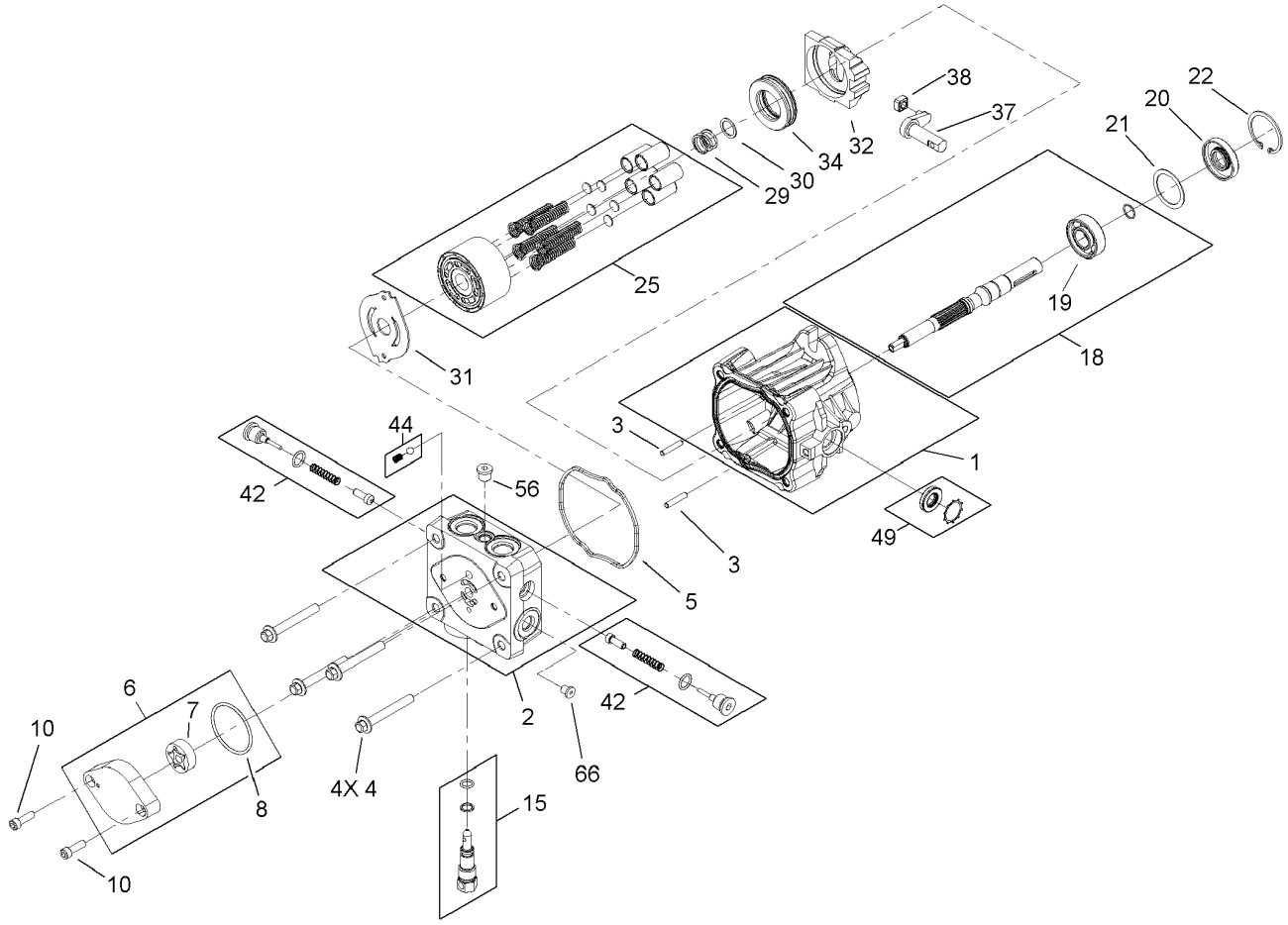
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 15 | 324-5 | 4 | Screw-HH |
| 16 | 353-212 | 1 | Fitting-HYD, 45 DEG |
| 16:1 | 237-42 | 1 | O-Ring |
| 17 | 1-633750 | 1 | Filter-Oil, HYD |
| 17 | 1-633752 | 1 | Filter-HYD, Winter |
| 18 | 104-7836 | 1 | Head-Filter |
| 19 | 2412-98 | 4 | Clamp |
| 20 | 110-4894 | 1 | Hose-Fuel |
| 21 | 1-603770 | 1 | Valve-Fuel |
| 22 | 322-4 | 2 | Screw-HH |
| 23 | 3253-4 | 2 | Washer-Lock |
| 24 | 107-0588 | 1 | Hose-Fuel |
| 25 | 112-7069 | 1 | Grommet |
| 26 | 3253-3 | 2 | Washer-Lock |
| 27 | 321-3 | 2 | Screw-HH |
| 28 | 112-8717 | 1 | Pump-HYD |




# Hydraulic Pump Assembly No. 109-4988

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-8751 | 1 | Housing Kit |
| 2 | 106-8752 | 1 | End Cap Kit (W/Poppets) |
| 3 | 106-8753 | 2 | Pin-Headless, Straight |
| 4 | 106-8754 | 4 | Bolt-HF |
| 5 | 106-8755 | 1 | O-Ring |
| 6 | 106-8756 | 1 | Charge Pump Kit |
| 7 | 104-2122 | 1 | Gerotor ASM |
| 8 | 106-8757 | 1 | O-Ring |
| 10 | 106-8758 | 2 | Screw-HSH |
| 15 | 106-8759 | 1 | Bypass Valve Kit |
| 18 | 103-2664 | 1 | Input Shaft Kit |
| 19 | 104-5311 | 1 | Bearing-Ball |
| 20 | 104-5310 | 1 | Seal-Lip |
| 21 | 104-5308 | 1 | Spacer |
| 22 | 104-5309 | 1 | Ring-Retaining |
| 25 | 104-2106 | 1 | *obs* Cylinder Block ASM |
| 29 | 94-1936 | 1 | Spring-Block |
| 30 | 94-1937 | 1 | Washer-Block, Thrust |
| 31 | 105-6185 | 1 | Plate-Valve |
| 32 | 94-1907 | 1 | Swashplate-Variable |
| 34 | 94-6922 | 1 | Bearing-Thrust |
| 37 | 94-1909 | 1 | Arm-Trunion |
| 38 | 94-1910 | 1 | Guide-Slot |
| 42 | 98-3252 | 2 | Valve-Check (W/Poppet) |

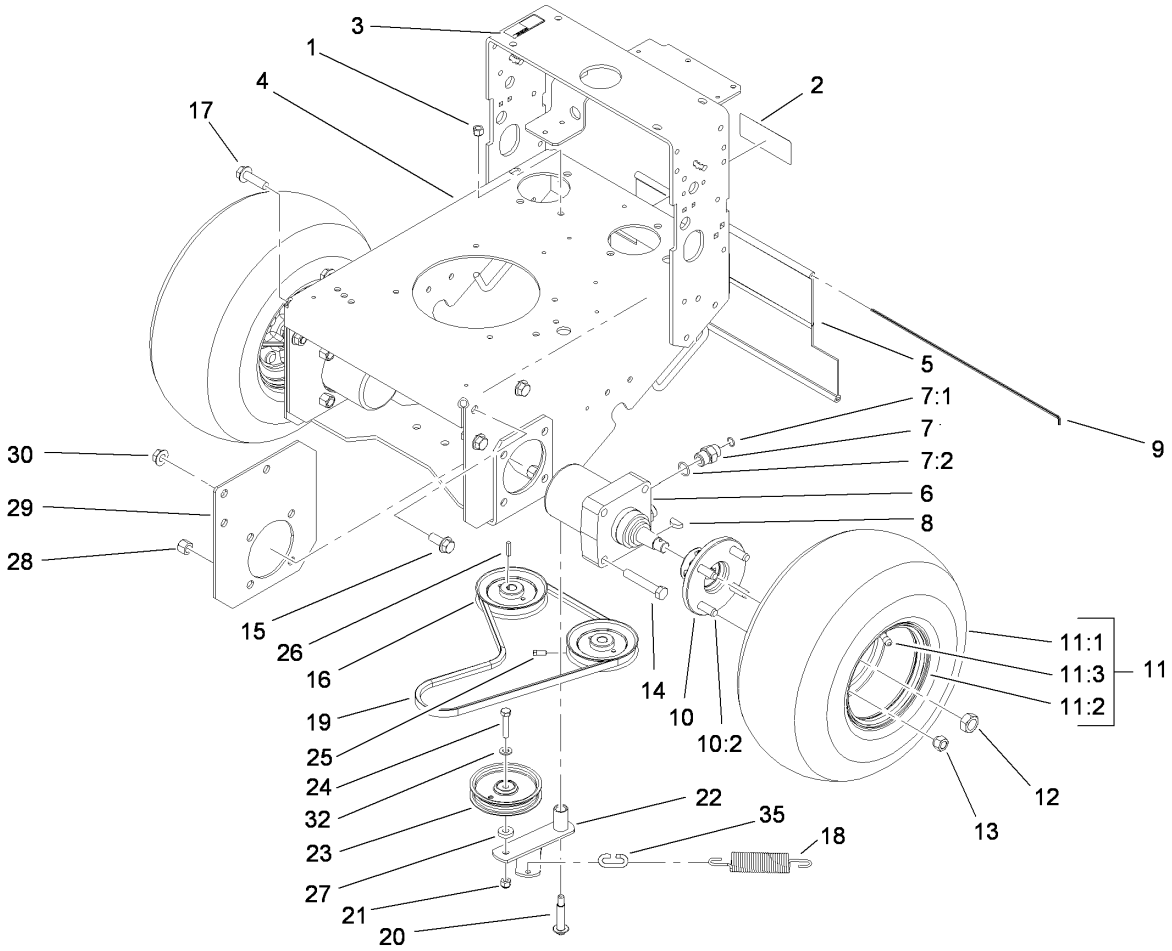
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 44 | 106-8760 | 1 | Charge Relief Valve Kit |
| 49 | 106-8761 | 1 | Trunnion Seal / Retainer Kit |
| 56 | 106-8762 | 1 | Plug-HSH |
| 66 | 106-8763 | 1 | Plug-HSH |
| ❶99 | 105-6184 | 1 | Seal Kit |




# Hydraulic Pump Assembly No. 112-8717

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-8751 | 1 | Housing Kit |
| 2 | 106-8752 | 1 | End Cap Kit (W/Poppets) |
| 3 | 106-8753 | 2 | Pin-Headless, Straight |
| 4 | 106-8754 | 4 | Bolt-HF |
| 5 | 106-8755 | 1 | O-Ring |
| 6 | 106-8756 | 1 | Charge Pump Kit |
| 7 | 104-2122 | 1 | Gerotor ASM |
| 8 | 106-8757 | 1 | O-Ring |
| 10 | 106-8758 | 2 | Screw-HSH |
| 15 | 106-8759 | 1 | Bypass Valve Kit |
| 18 | 103-2664 | 1 | Input Shaft Kit |
| 19 | 104-5311 | 1 | Bearing-Ball |
| 20 | 104-5310 | 1 | Seal-Lip |
| 21 | 104-5308 | 1 | Spacer |
| 22 | 104-5309 | 1 | Ring-Retaining |
| 25 | 103-2666 | 1 | Cylinder Block Kit |
| 29 | 94-1936 | 1 | Spring-Block |
| 30 | 94-1937 | 1 | Washer-Block, Thrust |
| 31 | 105-6185 | 1 | Plate-Valve |
| 32 | 94-1907 | 1 | Swashplate-Variable |
| 34 | 94-6922 | 1 | Bearing-Thrust |
| 37 | 94-1909 | 1 | Arm-Trunion |
| 38 | 94-1910 | 1 | Guide-Slot |
| 42 | 98-3252 | 2 | Valve-Check (W/Poppet) |

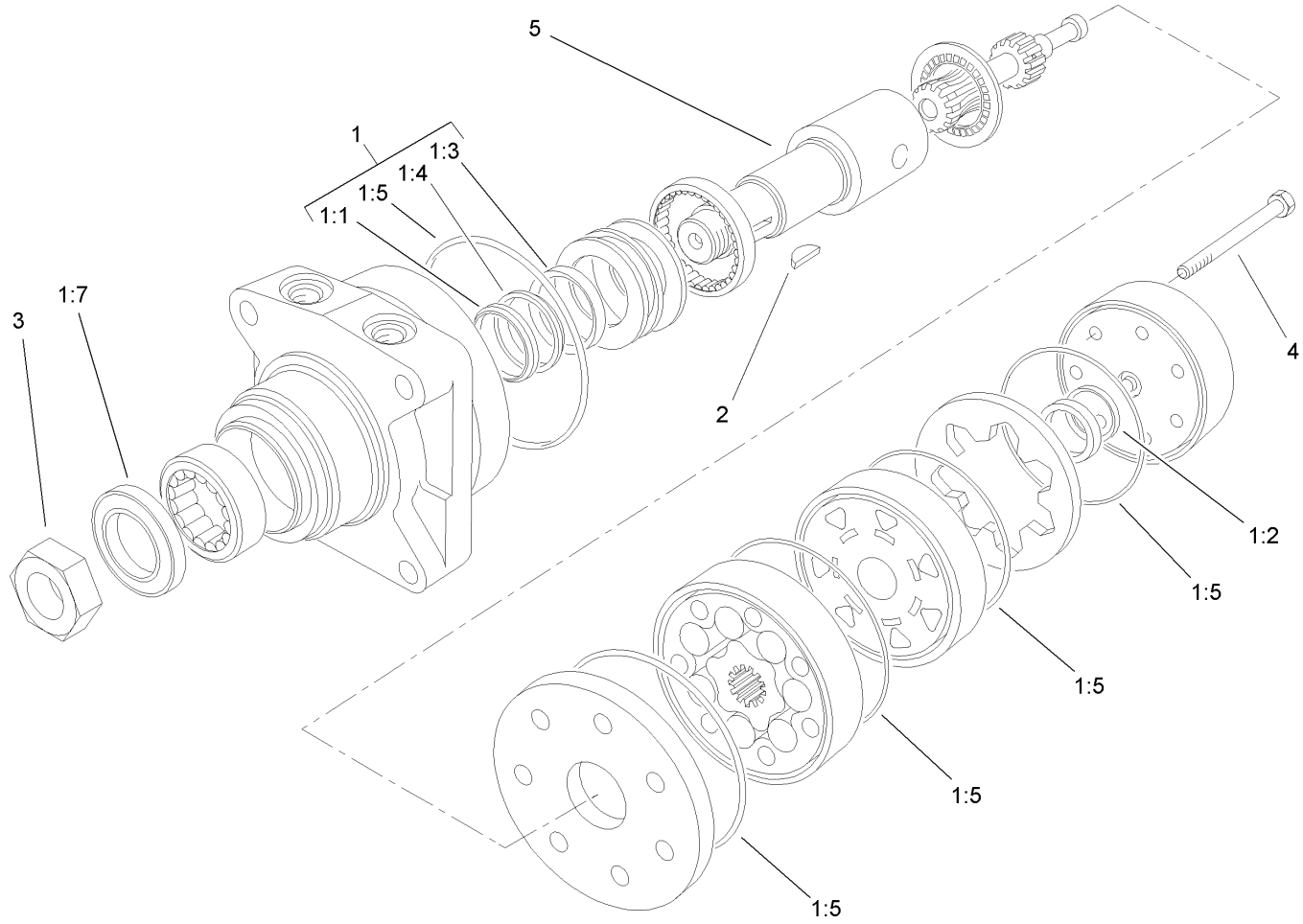
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 44 | 106-8760 | 1 | Charge Relief Valve Kit |
| 49 | 106-8761 | 1 | Trunnion Seal / Retainer Kit |
| 56 | 106-8762 | 1 | Plug-HSH |
| 66 | 106-8763 | 1 | Plug-HSH |
| ❶99 | 105-6184 | 1 | Seal Kit |




# Pump Drive and Wheel Motor Assembly

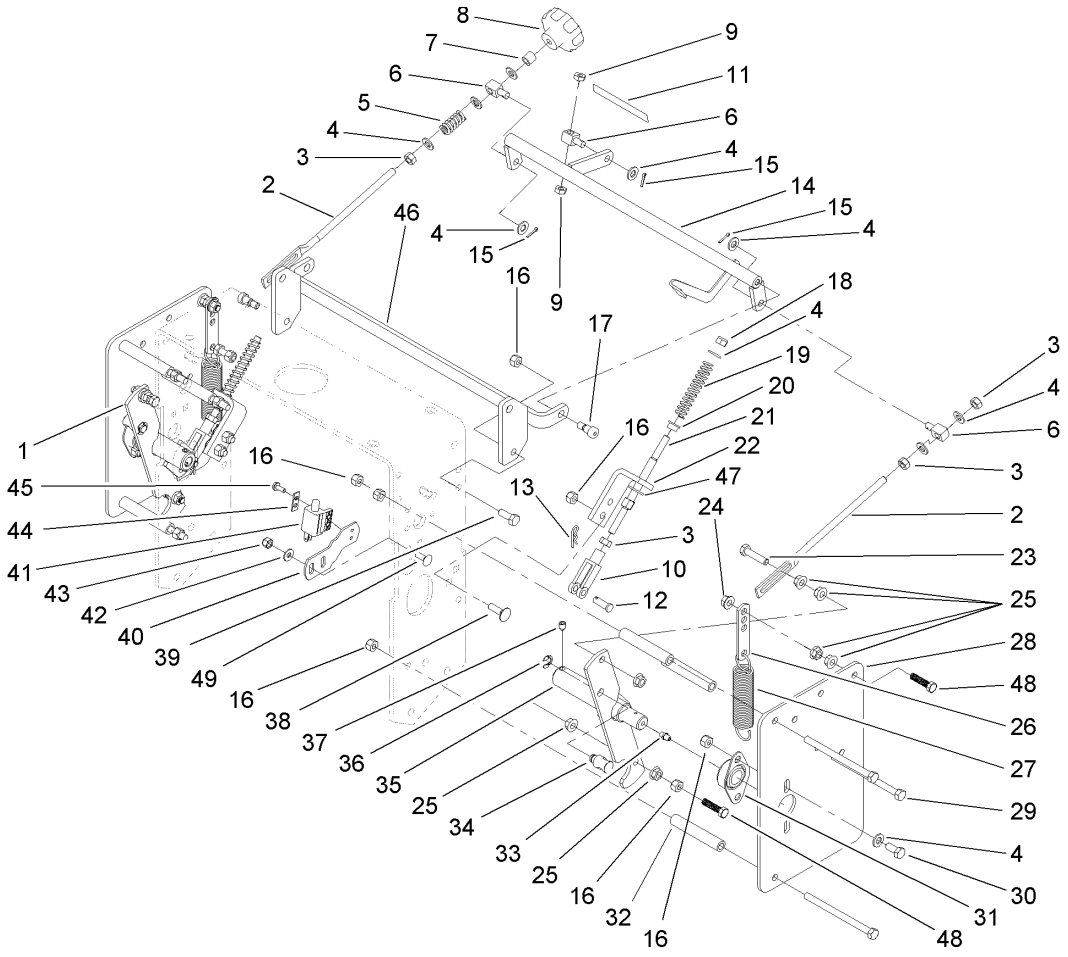
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3296-6 | 1 | Nut-Lock |
| 2 | 98-0776 | 1 | Decal-Caution |
| 3 | 95-2814 | 1 | Decal-Shut Off, Fuel |
| 4 | 108-6660-01 | 1 | Frame ASM |
| 5 | 95-1526 | 1 | Shield-Trailing |
| 6 | 104-1171 | 2 | Motor-Wheel |
| 7 | 340-6 | 4 | Fitting-HYD, Straight |
| 7:1 | 237-30 | 1 | O-Ring |
| 7:2 | 237-80 | 1 | O-Ring |
| 8 | 3257-8 | 2 | Key-Woodruff |
| 9 | 95-1529 | 1 | Rod-Shield |
| 10 | 105-0800 | 2 | Wheel Hub / Stud ASM |
| 10:2 | 10-6830 | 4 | Stud-Type, Drive |
| 11 | 104-1198 | 2 | Wheel And Tire ASM |
| 11:1 | 104-6320 | 1 | Tire |
| 11:2 | 104-1199 | 1 | Wheel |
| 11:3 | 232-27 | 1 | Stem-Valve |
| 12 | 85-7310 | 2 | Nut-Motor, Wheel |
| 13 | 242-50 | 8 | Nut-Lug |
| 14 | 325-12 | 8 | Screw-HH |
| 15 | 3234-32 | 4 | Screw-HHF |
| 16 | 1-413010 | 2 | Sheave ASM |
| 17 | 3234-22 | 2 | Screw-HHF |
| 18 | 105-8443 | 1 | Spring-Extension |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 19 | 110-5049 | 1 | Belt-V |
| 20 | 27-6230 | 1 | Bolt-Wheel |
| 21 | 3296-39 | 1 | Nut-Lock, NI |
| 22 | 86-4770 | 1 | Idler Lever ASM |
| 23 | 93-1622 | 1 | Pulley-Idler |
| 24 | 323-9 | 1 | Screw-HH |
| 25 | 1-803050 | 4 | Screw-Set |
| 26 | 1-807272 | 2 | Key |
| 27 | 9202204 | 1 | Washer |
| 28 | 32128-49 | 8 | Nut-HHF |
| 29 | 108-6657-01 | 2 | Plate-Frame |
| 30 | 32128-23 | 6 | Nut-HF |
| 32 | 3256-24 | 1 | Washer-Flat |
| 35 | 114-3450 | 1 | Link-Spring |




# Hydraulic Wheel Motor Assembly No. 104-1171

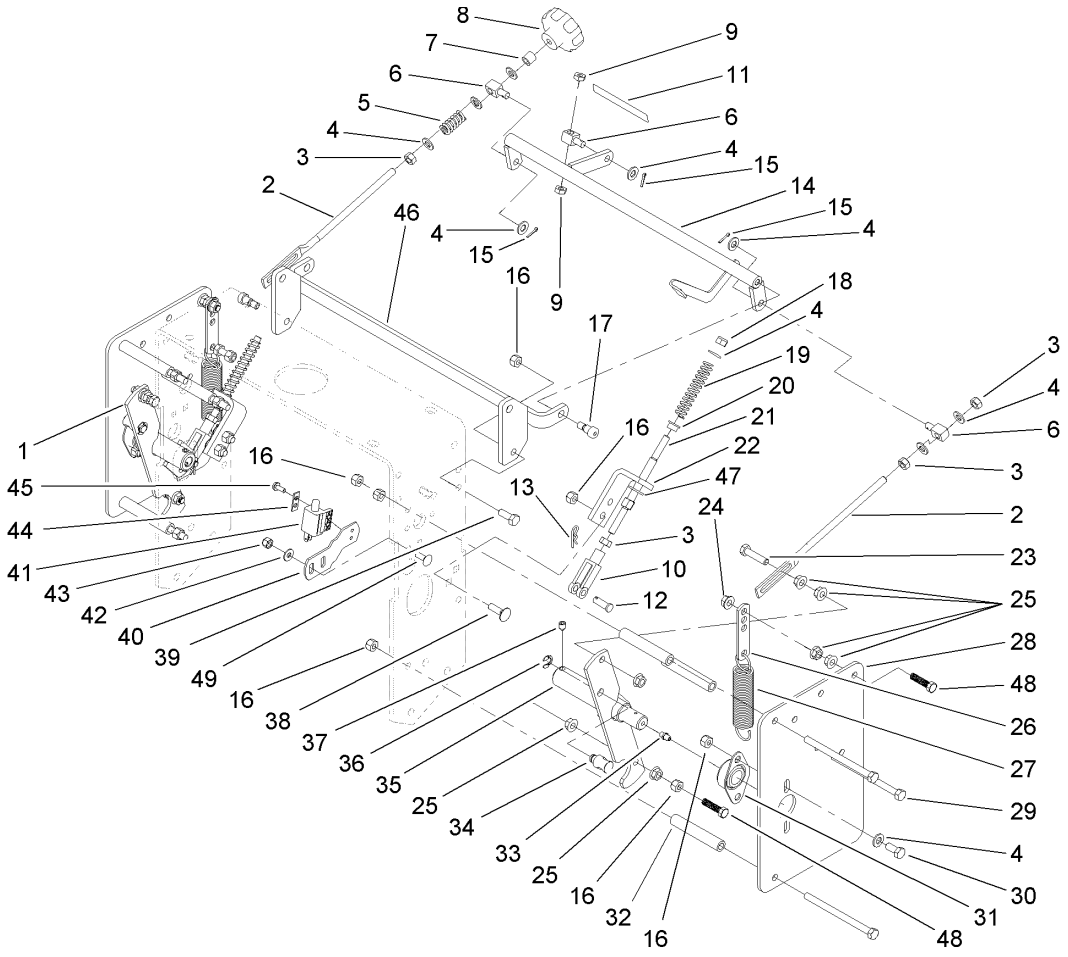
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1-000119 | 1 | Seal Kit |
| ❷1:1 | | 1 | Ring-Back Up |
| ❷1:2 | | 1 | Seal-Commutator |
| ❷1:3 | | 1 | Seal-Shaft (Viton) |
| ❷1:4 | | 1 | Washer-Back Up, Steel |
| ❷1:5 | | 5 | Ring-Seal (Viton) |
| ❷1:7 | | 1 | Seal-Dirt And Water |
| 2 | 3257-8 | 1 | Key-Woodruff |
| 3 | 85-7310 | 1 | Nut-Motor, Wheel |
| 4 | 106-5549 | 6 | Bolt-Special |
| 5 | 106-8764 | 1 | Shaft-Coupling |




# Lower Control Assembly

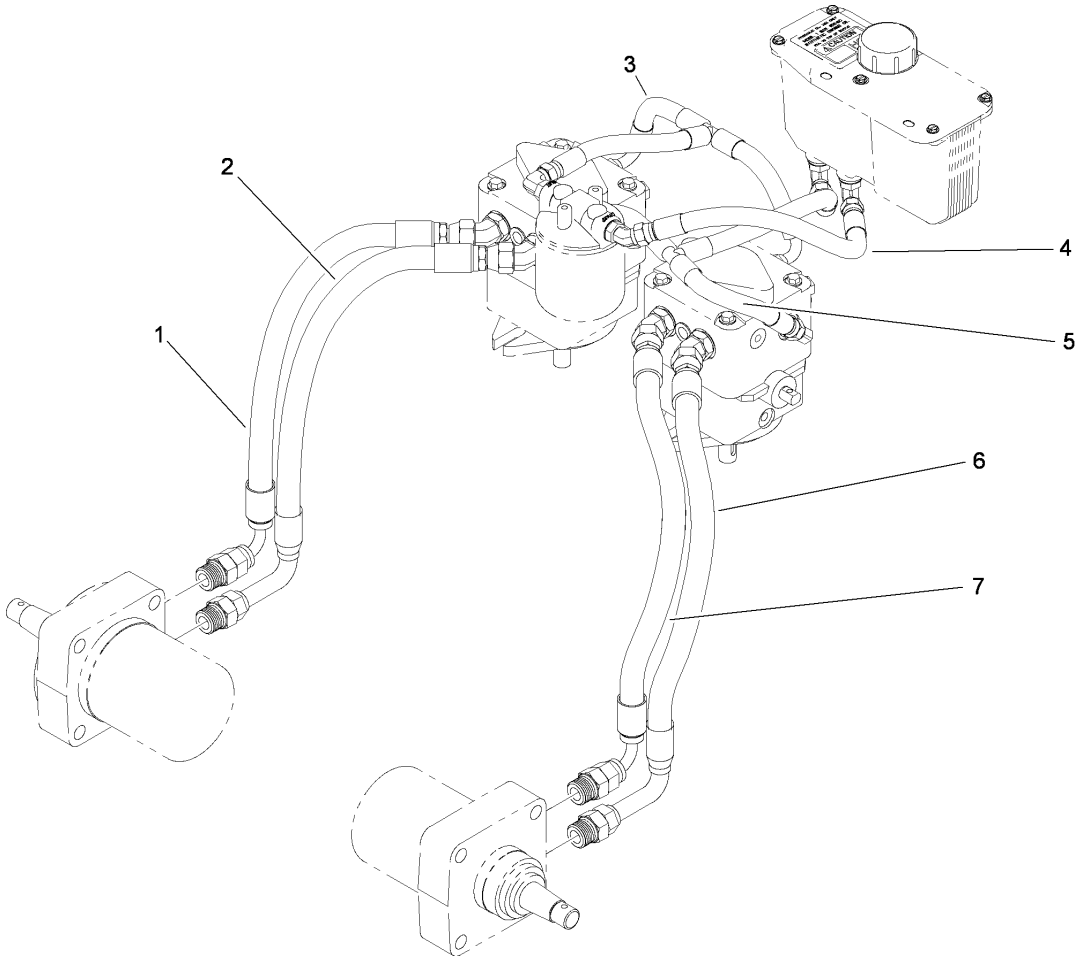
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-5484 | 1 | RH Control Arm ASM |
| 2 | 1-413350 | 2 | Link-Control, Speed |
| 3 | 3219-2 | 5 | Nut-Hex |
| 4 | 3256-23 | 14 | Washer-Flat |
| 5 | 1-323245 | 1 | Spring-Compression |
| 6 | 1-603676 | 3 | Swivel-Adjustable, Short |
| 7 | 1-603903 | 1 | Spacer |
| 8 | 1-413151 | 1 | Knob-Tracking |
| 9 | 3220-2 | 2 | Nut-Jam |
| 10 | 1-303105 | 2 | Yoke-Adjustable |
| 11 | 105-4109 | 1 | Decal-Tracking |
| 12 | 1-808280 | 2 | Pin-Clevis |
| 13 | 3290-307 | 2 | Pin-Hair |
| 14 | 106-5538-01 | 1 | Speed Control Crank ASM |
| 15 | 3272-5 | 3 | Pin-Cotter |
| 16 | 3296-29 | 18 | Nut-Lock, NI |
| 17 | 1-809056 | 2 | Screw |
| 18 | 3296-4 | 2 | Nut-Lock |
| 19 | 1-603807 | 2 | Spring-Return, Neutral |
| 20 | 109-3769 | 2 | Bushing-Nylon, Flanged |
| 21 | 105-9372 | 2 | Stud-Adjustment |
| 22 | 104-9802-01 | 2 | Bracket-Mount, Spring |
| 23 | 1-403180 | 2 | Screw-HH |
| 24 | 32128-25 | 2 | Nut-HF |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 32128-20 | 14 | Nut-HF |
| 26 | 1-613089 | 2 | Tab-Spring, Extension |
| 27 | 1-603693 | 2 | Spring-Extension |
| 28 | 104-9817-01 | 2 | Plate-Side |
| 29 | 322-38 | 6 | Screw-HH |
| 30 | 322-3 | 4 | Screw-HH |
| 31 | 1-633102 | 2 | Bearing-Flange, Side |
| 32 | 104-9820 | 6 | Spacer-Shield |
| 33 | 302-5 | 2 | Fitting-Grease |
| 34 | 103-1235 | 2 | Swivel-Lever, Drive |
| 35 | 106-5480 | 1 | LH Control Arm ASM |
| 36 | 32151-47 | 2 | Ring-Retaining |
| 37 | 3246-3 | 4 | Screw-HSH |
| 38 | 3230-2 | 4 | Bolt-CARR |
| 39 | 322-4 | 2 | Screw-HH |
| 40 | 106-5539-01 | 1 | Bracket-Neutral |
| 41 | 1-513051 | 1 | Switch-Open, Normally |
| 42 | 3256-1 | 2 | Washer-Flat |
| 43 | 3296-42 | 2 | Nut-Lock, NI |
| 44 | 82-4570 | 1 | Plate-Switch |
| 45 | 32144-1 | 2 | Screw-Taptite |
| 46 | 105-3163-01 | 1 | Crank Support ASM |
| 47 | 3256-24 | 2 | Washer-Flat |
| 48 | 1-800016 | 4 | Bolt-TAP, HH |



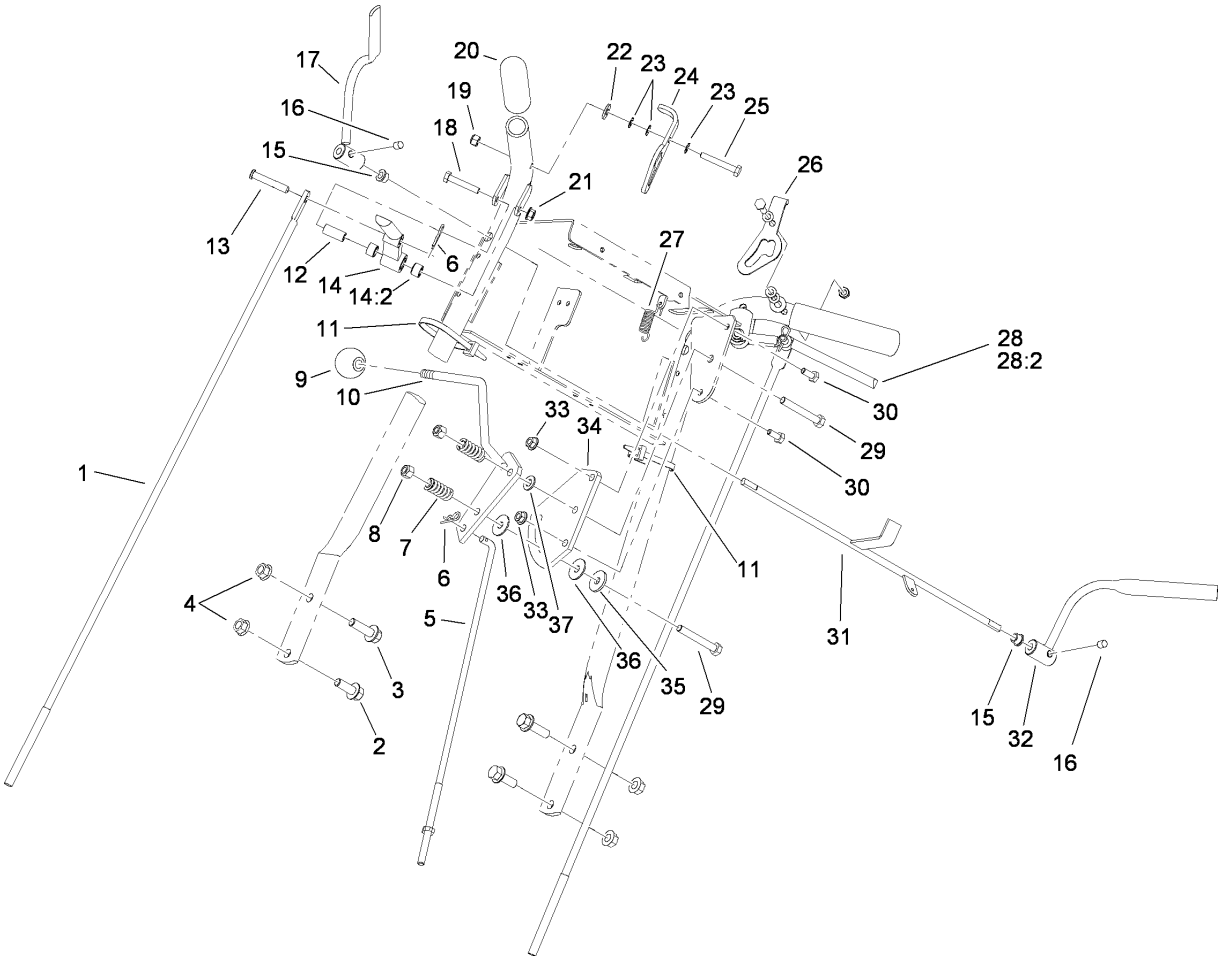

# Lower Control Assembly (continued)

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 49 | 3229-1 | 2 | Screw-CARR |




# Hydraulic Hose Assembly

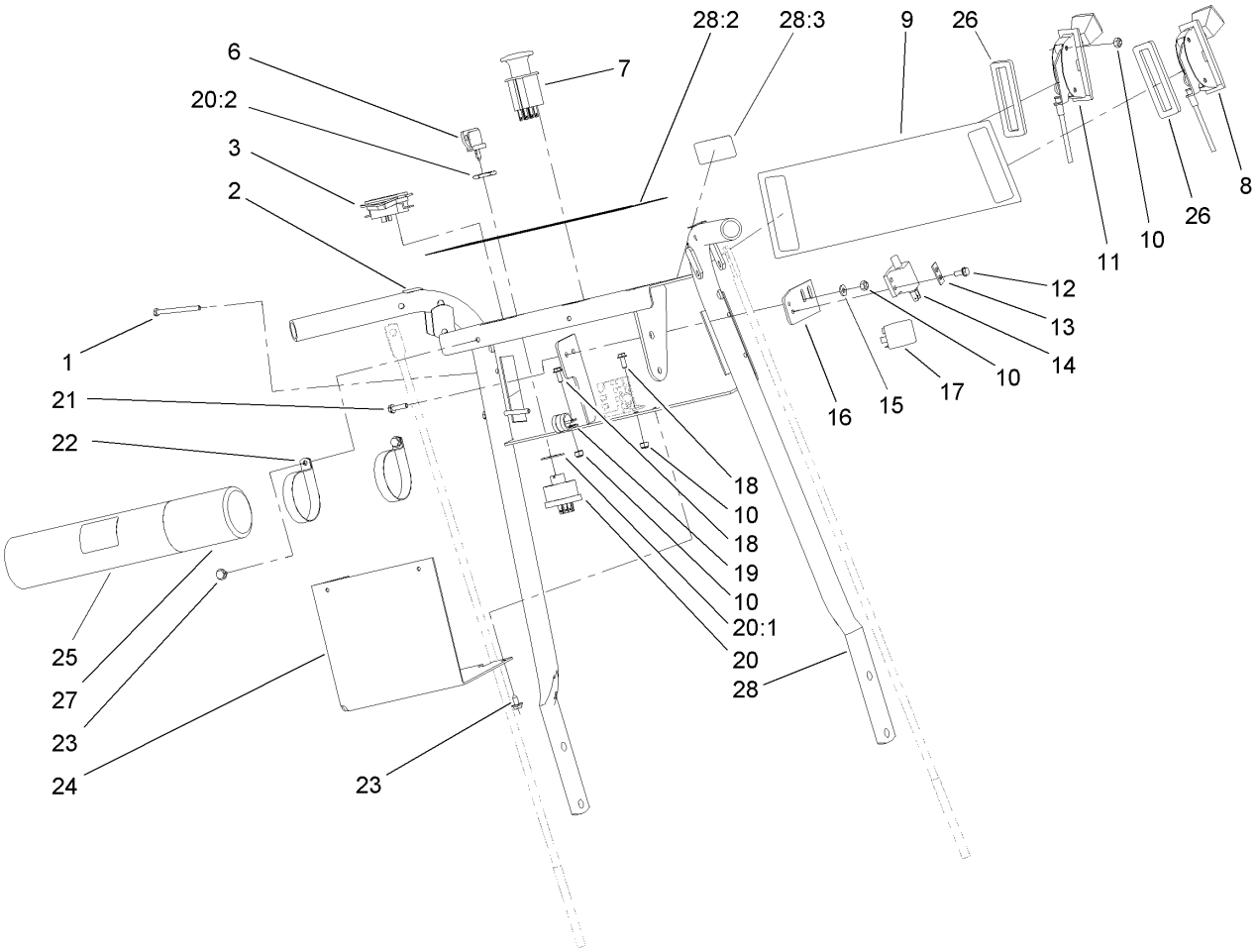
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 114-3466 | 1 | HYD Hose ASM |
| 2 | 114-3463 | 1 | HYD Hose ASM |
| 3 | 105-5697 | 1 | HYD Hose ASM |
| 4 | 105-5699 | 1 | HYD Hose ASM |
| 5 | 105-5698 | 1 | HYD Hose ASM |
| 6 | 114-3464 | 1 | HYD Hose ASM |
| 7 | 112-9704 | 1 | HYD Hose ASM |




# Upper Control Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1-413219 | 2 | Rod-Lever, Drive |
| 2 | 3234-11 | 2 | Screw-HHF |
| 3 | 3234-24 | 2 | Screw-HHF |
| 4 | 32128-21 | 4 | Nut-HF |
| 5 | 106-5534 | 1 | Rod-Control, Speed |
| 6 | 3290-307 | 3 | Pin-Hair |
| 7 | 1-323245 | 2 | Spring-Compression |
| 8 | 3296-29 | 2 | Nut-Lock, NI |
| 9 | 233-42 | 1 | Knob |
| 10 | 106-2748 | 1 | Lever-Shift |
| 11 | 3290-378 | 2 | Tie-Cable |
| 12 | 1-603749 | 2 | Bushing-Lever, Drive |
| 13 | 1-613055 | 2 | Pin-Clevis |
| 14 | 103-0218 | 1 | LH Drive Lever ASM |
| 14:2 | 1-413152 | 2 | Sleeve-Bushing |
| 15 | 1-303365 | 2 | Bushing-Nylon |
| 16 | 1-803322 | 2 | Screw-Set |
| 17 | 106-5485 | 1 | LH Operator Presence Control Lever ASM |
| 18 | 321-9 | 2 | Screw-HH |
| 19 | 3296-42 | 2 | Nut-Lock, NI |
| 20 | 104-9838 | 2 | Grip-Foam |
| 21 | 32128-33 | 2 | Nut-HF |
| 22 | 3256-2 | 2 | Washer-Flat |

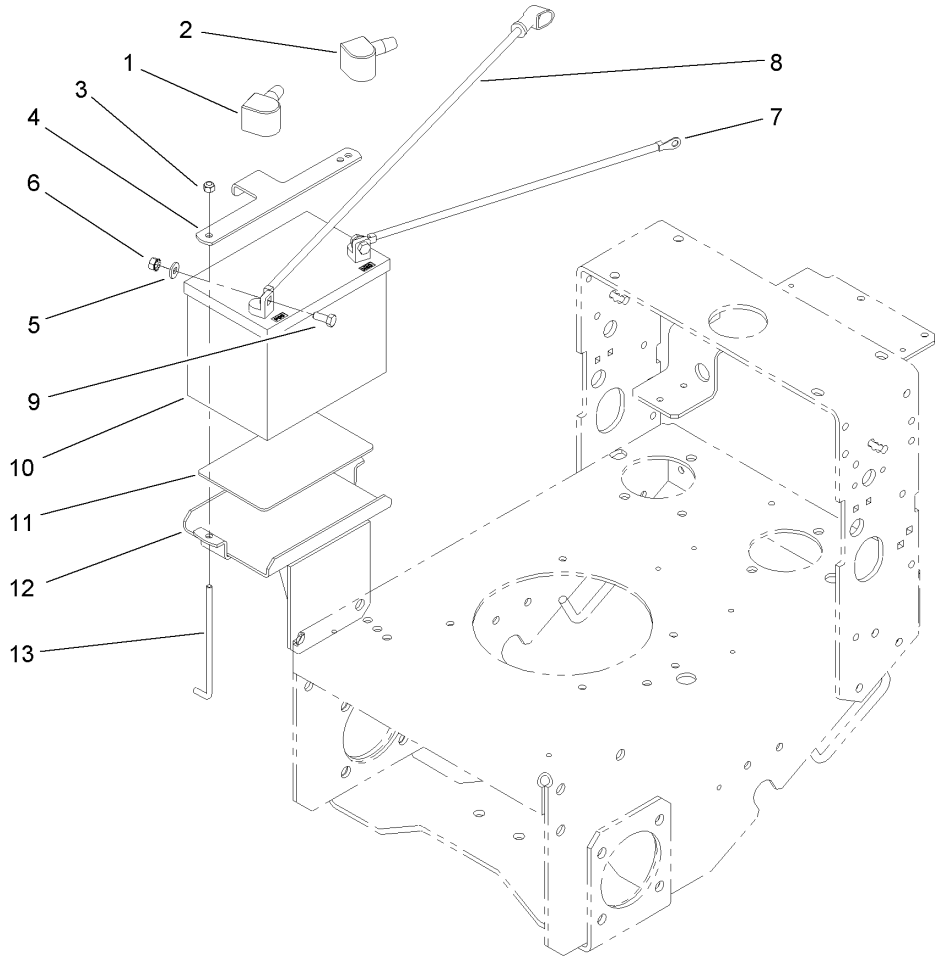
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 1-303435 | 6 | Washer-Spring |
| 24 | 106-5483 | 1 | Latch-Thumb, LH |
| 25 | 321-10 | 2 | Screw-HH |
| 26 | 106-5481 | 1 | Latch-Thumb, RH |
| 27 | 1-303363 | 1 | Spring-Extension |
| 28 | 103-0219 | 1 | RH Drive Lever ASM |
| 28:2 | 1-413152 | 2 | Sleeve-Bushing |
| 29 | 322-11 | 2 | Screw-HH |
| 30 | 321-3 | 2 | Screw-HH |
| 31 | 104-9803 | 1 | Rod ASM |
| 32 | 106-5486 | 1 | RH Operator Presence Control Lever ASM |
| 33 | 32128-33 | 2 | Nut-HF |
| 34 | 1-603730 | 1 | Plate-Lever, Shifter |
| 35 | 1-603716 | 1 | Washer-Friction |
| 36 | 1-323244 | 2 | Washer-Friction |
| 37 | 3256-23 | 1 | Washer-Flat |




# Control Panel Assembly

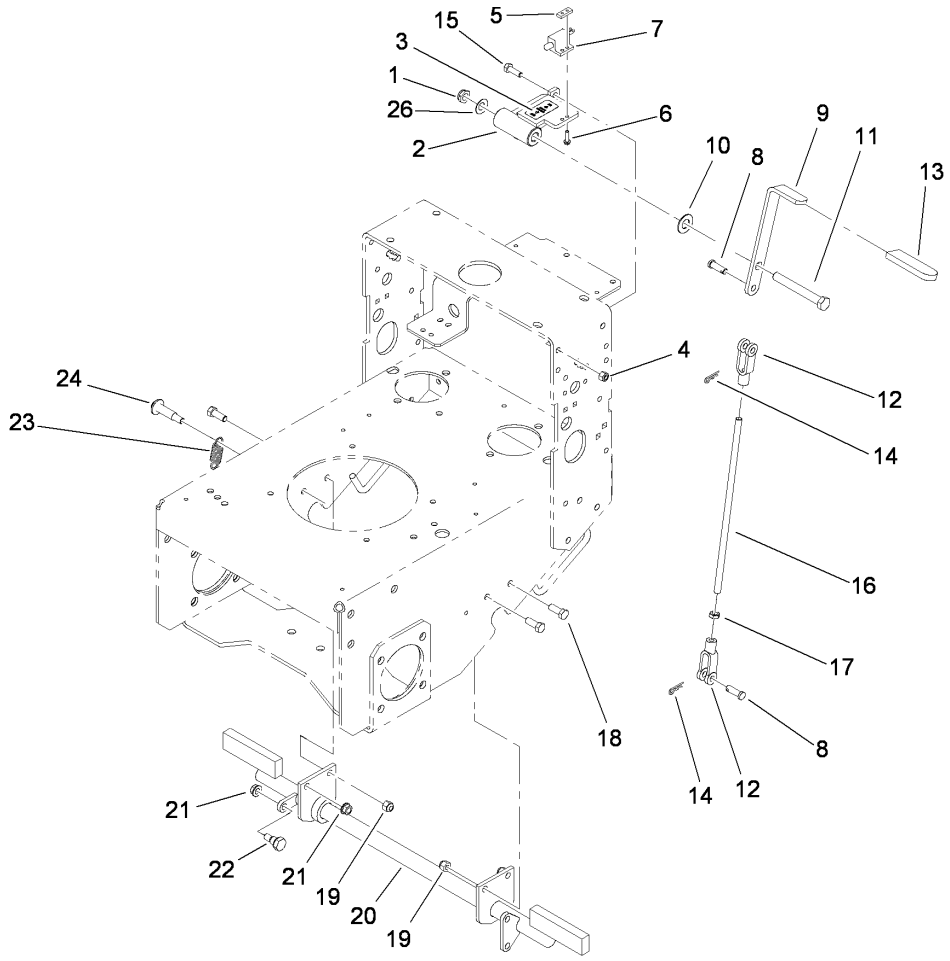
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 32105-14 | 4 | Screw-SHH |
| 2 | 105-4110 | 2 | Decal-Lock, Neutral |
| 3 | 104-8143 | 1 | Hourmeter |
| 6 | 63-8360 | 1 | Key-Ignition |
| 7 | 95-7489 | 1 | Switch-PTO |
| 8 | 110-4955 | 1 | Control-Choke |
| 9 | 110-4953 | 1 | Decal-Control, Throttle |
| 10 | 3296-2 | 8 | Nut-Lock |
| 11 | 110-4954 | 1 | Control-Throttle |
| 12 | 32144-1 | 2 | Screw-Taptite |
| 13 | 82-4570 | 1 | Plate-Switch |
| 14 | 1-513051 | 1 | Switch-Open, Normally |
| 15 | 3256-14 | 2 | Washer-Flat |
| 16 | 105-4137-03 | 1 | Plate-Mounting, Switch |
| 17 | 98-7249 | 1 | Relay |
| 18 | 3290-321 | 2 | Screw-HWH |
| 19 | 2412-134 | 1 | R-Clamp |
| 20 | 88-9830 | 1 | Key Switch ASM |
| 20:1 | 3254-5 | 1 | Washer-Tooth |
| 20:2 | 218-461 | 1 | Nut-HH |
| 21 | 32105-13 | 2 | Screw-HWH |
| 22 | 2412-120 | 2 | R-Clamp |
| 23 | 32104-76 | 4 | Screw |
| 24 | 105-4112-03 | 1 | Bracket-Cover |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 104-7050 | 1 | Housing-Manual |
| 26 | 106-5487 | 2 | Gasket-Throttle |
| 27 | 104-7048 | 1 | Cap-Housing |
| 28 | 110-4951 | 1 | Handle ASM |
| 28:2 | 106-5515 | 1 | Decal-Panel, Control |
| 28:3 | 98-4387 | 1 | Decal-Protection, Ear |




# Battery Assembly

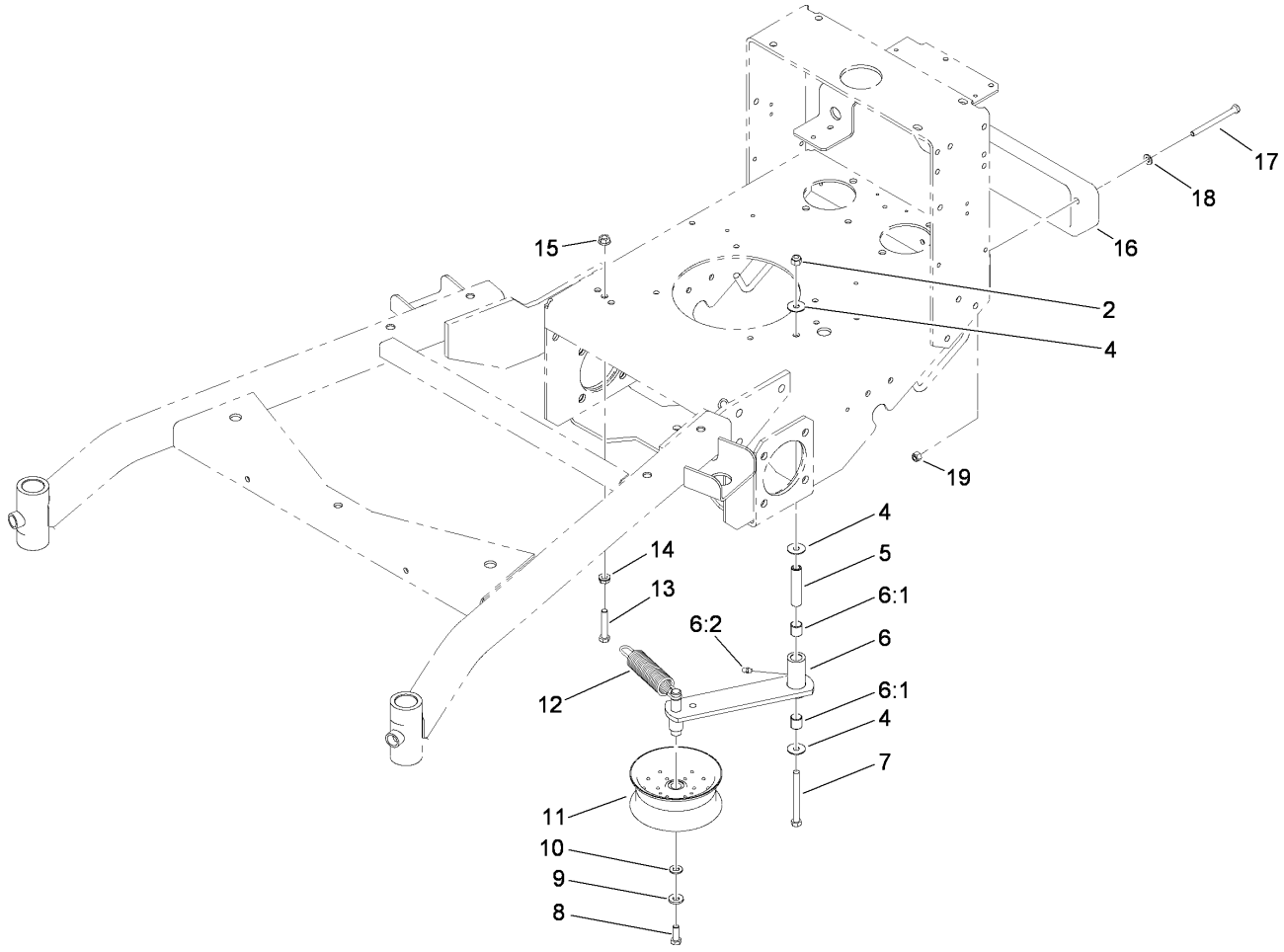
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 77-0981 | 1 | Boot-Terminal, Red |
| 2 | 77-0980 | 1 | Boot-Terminal, Black |
| 3 | 3296-42 | 2 | Nut-Lock, NI |
| 4 | 104-8568-03 | 1 | Plate-Hold Down, Battery |
| 5 | 3256-2 | 2 | Washer-Flat |
| 6 | 32149-1 | 2 | Nut-Keps |
| 7 | 112-7063 | 1 | Cable-Battery, Black |
| 8 | 112-7064 | 1 | Cable-Battery, Red |
| 9 | 322-3 | 2 | Screw-HH |
| 10 | 104-8162 | 1 | Battery |
| 11 | 62-4300 | 1 | Pad-Skid, Anti |
| 12 | 105-3150-01 | 1 | Battery Tray ASM |
| 13 | 104-8567 | 2 | Holdown-Battery |




# Parking Brake Assembly

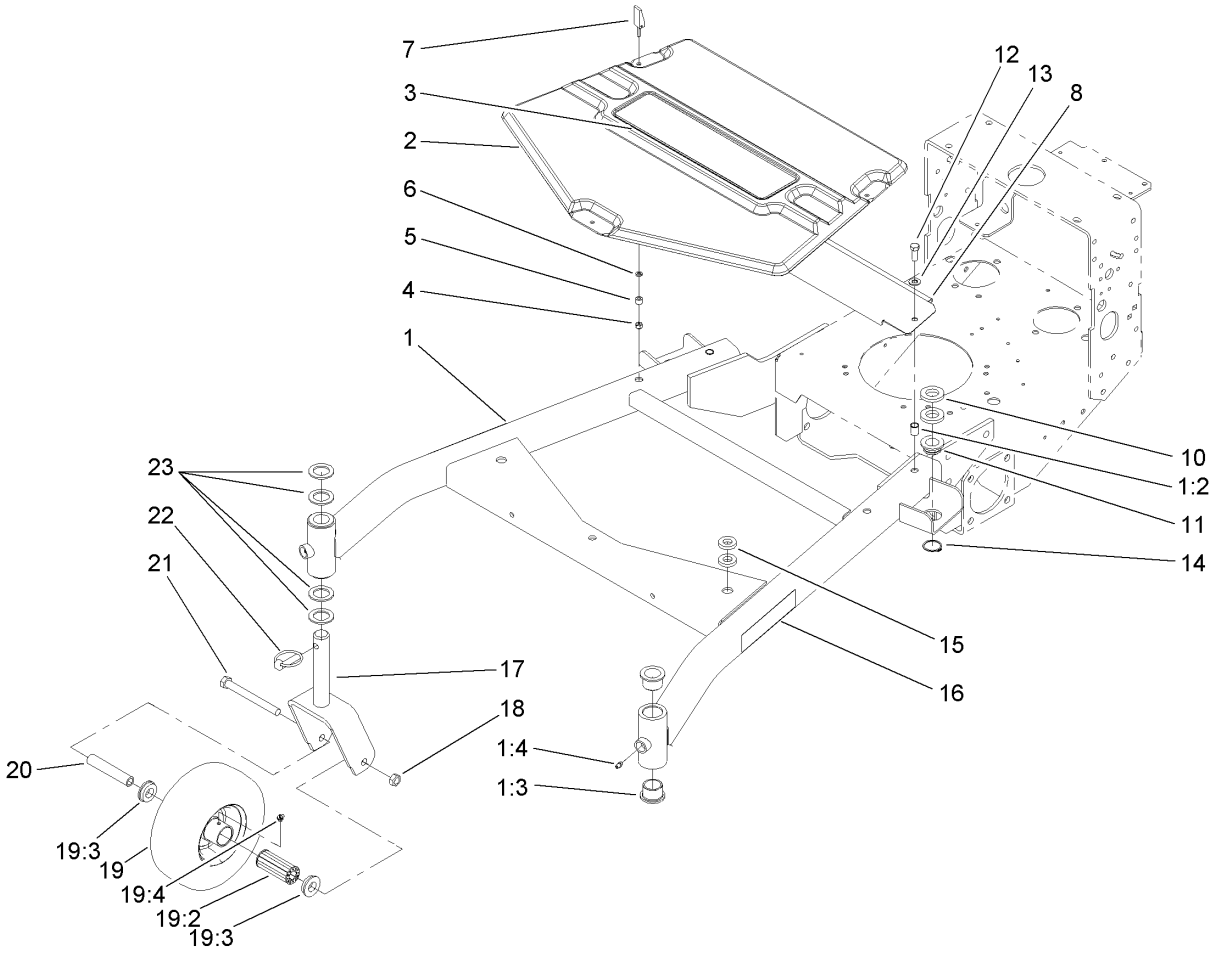
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3296-45 | 1 | Nut-Lock, NI |
| 2 | 112-8716-01 | 1 | Support-Handle |
| 3 | 112-8720 | 1 | Decal-Brake |
| 4 | 3296-29 | 2 | Nut-Lock, NI |
| 5 | 1-633181 | 1 | Plate-Tapped |
| 6 | 32105-13 | 2 | Screw-HWH |
| 7 | 1-513152 | 1 | Switch-Closed, Normally |
| 8 | 1-808285 | 2 | Pin-Clevis |
| 9 | 106-0671-01 | 1 | Handle-Brake |
| 10 | 257-7 | 1 | Bearing-Thrust |
| 11 | 325-17 | 1 | Screw-HH |
| 12 | 1-633131 | 2 | Yoke-Linkage, Brake |
| 13 | 1-303020 | 1 | Grip-Lever |
| 14 | 3290-307 | 2 | Pin-Hair |
| 15 | 322-5 | 2 | Screw-HH |
| 16 | 108-2747 | 1 | Rod-Brake |
| 17 | 3220-3 | 1 | Nut-HJ |
| 18 | 323-6 | 3 | Screw-HH |
| 19 | 3296-39 | 3 | Nut-Lock, NI |
| 20 | 110-4976-01 | 1 | Parking Brake ASM |
| 21 | 3290-357 | 2 | Nut-HHF, Whiz |
| 22 | 27-5240 | 1 | Bolt-Shoulder |
| 23 | 613386 | 1 | Spring-Brake |
| 24 | 56-6590 | 1 | Bolt-Wheel |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 112-9972 | 1 | Washer-Conical, Spring |




# Power-Take-Off Idler and Weight Assembly

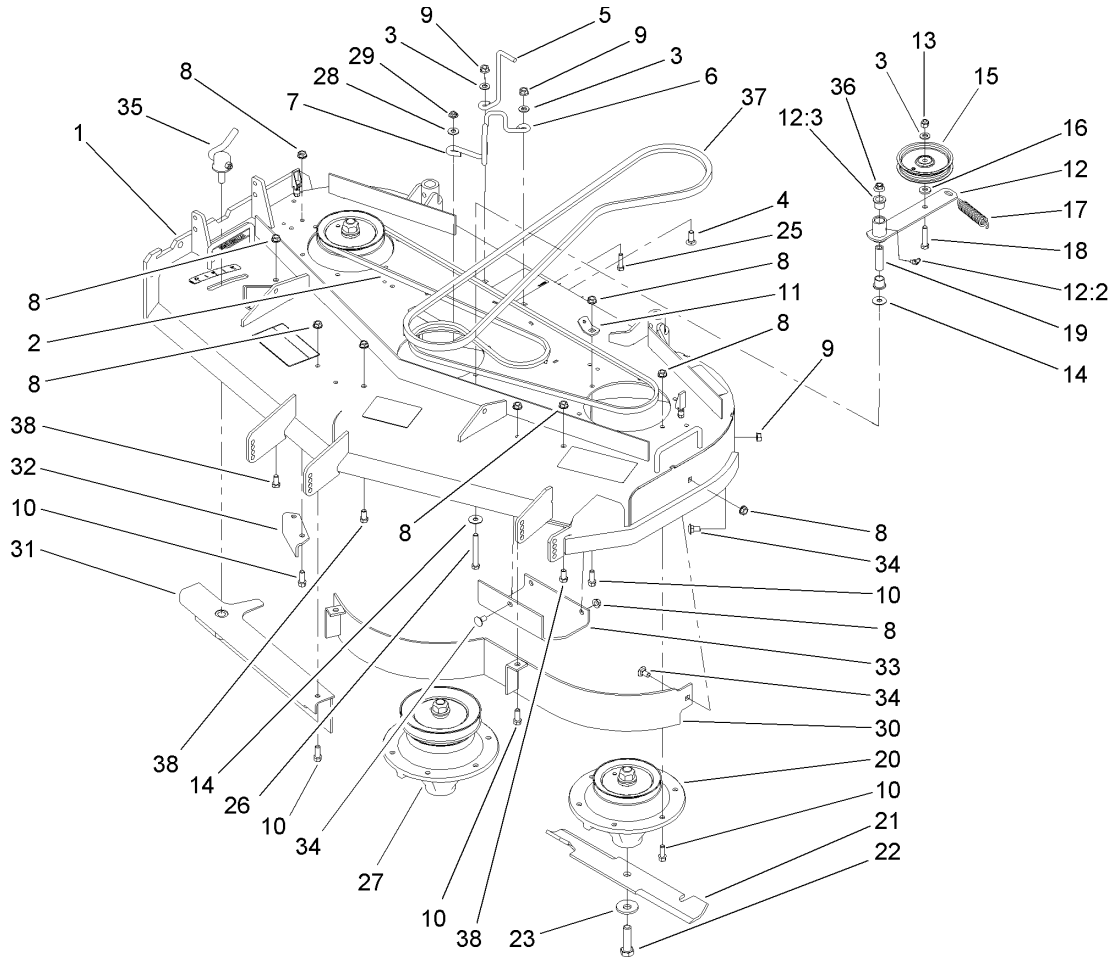
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 3296-39 | 1 | Nut-Lock, NI |
| 4 | 52-2860 | 3 | Washer |
| 5 | 104-6377 | 1 | Tube-Idler |
| 6 | 108-2734 | 1 | Idler Arm ASM |
| 6:1 | 1-513034 | 2 | Sleeve-Bearing |
| 6:2 | 302-5 | 1 | Fitting-Grease |
| 7 | 323-42 | 1 | Screw-HH |
| 8 | 323-6 | 1 | Screw-HH |
| 9 | 98-5975 | 1 | Washer-Belleville |
| 10 | 3256-24 | 1 | Washer-Flat |
| 11 | 1-413099 | 1 | Pulley-Idler |
| 12 | 105-8443 | 1 | Spring-Extension |
| 13 | 323-10 | 1 | Screw-HH |
| 14 | 3290-357 | 1 | Nut-HHF, Whiz |
| 15 | 32128-21 | 1 | Nut-HF |
| 16 | 112-7059-01 | 1 | Weight-Cast |
| 17 | 322-9 | 2 | Screw-HH |
| 18 | 3256-23 | 2 | Washer-Flat |
| 19 | 3296-29 | 2 | Nut-Lock, NI |




# Carrier Frame Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 108-2665 | 1 | Carrier Frame ASM |
| 1:2 | 32148-9 | 2 | Insert-Nut |
| 1:3 | 94-1291 | 4 | Bushing |
| 1:4 | 302-5 | 2 | Fitting-Grease |
| 2 | 108-6625 | 1 | Cover-Frame, Carrier |
| 3 | 112-9712 | 1 | Decal |
| 4 | 1-804254 | 3 | Nut |
| 5 | 106-6778 | 3 | Bushing-Latch, Swell |
| 6 | 99-3058 | 3 | Washer |
| 7 | 106-6777 | 3 | Handle-Latch, Swell |
| 8 | 112-7051-01 | 1 | Shield-Belt |
| 10 | 104-1105 | 4 | Spacer-Support, Deck |
| 11 | 1-513336 | 2 | Bushing-Deck |
| 12 | 323-6 | 2 | Screw-HH |
| 13 | 3256-24 | 2 | Washer-Flat |
| 14 | 32120-33 | 2 | Ring-Retaining |
| 15 | 1-323539 | 4 | Spacer |
| 16 | 106-0635 | 2 | Decal-HOC |
| 17 | 105-3159-01 | 2 | Castor Fork ASM |
| 18 | 32153-5 | 2 | Nut-Lock, Side |
| 19 | 110-5024 | 2 | Wheel And Tire ASM |
| 19:2 | 112-7066 | 1 | Bearing-Roller |
| 19:3 | 1-513810 | 2 | Bushing |
| 19:4 | 302-61 | 1 | Zerk |

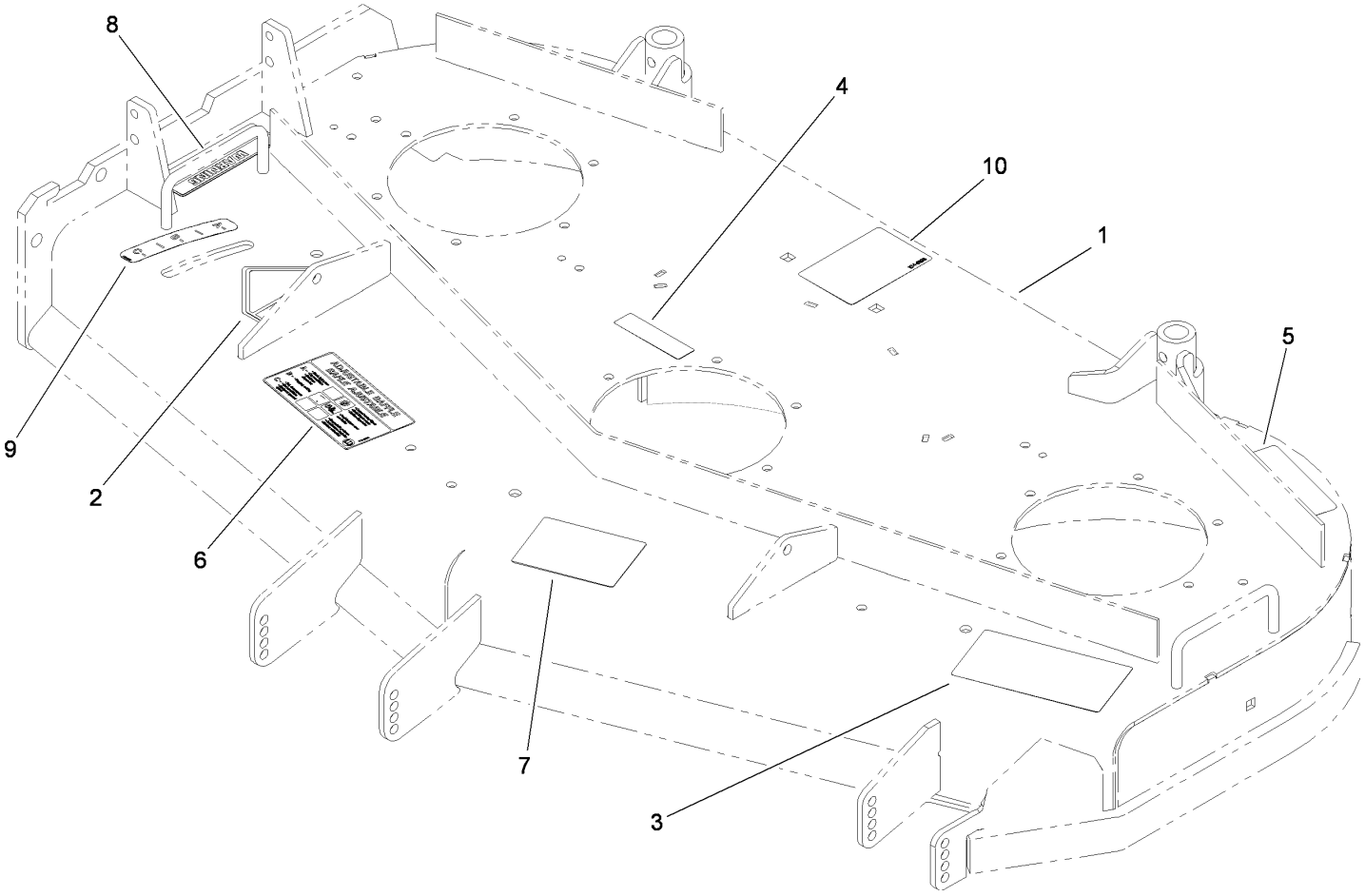
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 20 | 100-6453 | 2 | Bushing-Spanner |
| 21 | 325-19 | 2 | Screw-HH |
| 22 | 283-71 | 2 | Pin-Lynch |
| 23 | 3-6781 | 8 | Washer-Thrust |




# Deck Drive and Baffle Assembly

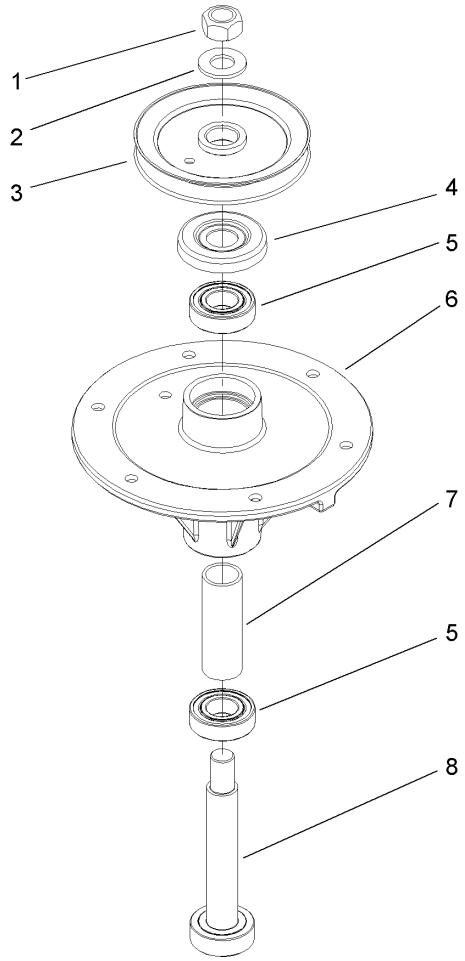
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 112-7082 | 1 | Deck ASM |
| 2 | 108-2716 | 1 | Belt-V |
| 3 | 3256-24 | 3 | Washer-Flat |
| 4 | 3231-22 | 2 | Screw-CARR |
| 5 | 98-5980 | 1 | Guide-Belt |
| 6 | 110-6975 | 1 | Guide-Belt |
| 7 | 105-0850 | 1 | Guide-Belt |
| 8 | 3290-357 | 29 | Nut-HHF, Whiz |
| 9 | 32128-21 | 5 | Nut-HF |
| 10 | 92-1624 | 22 | Screw |
| 11 | 104-6374 | 1 | Plate-Spring |
| 12 | 108-2728 | 1 | Idler Arm ASM |
| 12:2 | 302-11 | 1 | Fitting-Lube, 45 DEG |
| 12:3 | 256-90 | 2 | Bushing-Flange |
| 13 | 3296-39 | 1 | Nut-Lock, NI |
| 14 | 52-2860 | 2 | Washer |
| 15 | 93-1622 | 1 | Pulley-Idler |
| 16 | 9202414 | 1 | Washer-Spacer |
| 17 | 51-3650 | 1 | Spring-Extension |
| 18 | 323-9 | 1 | Screw-HH |
| 19 | 112-7091 | 1 | Spacer |
| 20 | 110-0728 | 2 | Spindle ASM |
| 21 | 107-3192-03 | 3 | Blade-16.5 Inch (High Flow) |
| 22 | 51-4060 | 3 | Screw-Blade |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 103-0865 | 3 | Washer-Blade Bolt, Heavy |
| 25 | 322-6 | 1 | Screw-HH |
| 26 | 323-14 | 1 | Screw-HH |
| 27 | 110-0729 | 1 | Spindle ASM |
| 28 | 3256-3 | 1 | Washer-Flat |
| 29 | 32128-13 | 1 | Nut-HF |
| 30 | 110-0735-03 | 1 | Baffle ASM |
| 31 | 108-6698-03 | 1 | Adjustable Baffle ASM |
| 32 | 110-0744-01 | 1 | Baffle-Discharge |
| 33 | 107-3166-01 | 1 | Skid |
| 34 | 3231-1 | 7 | Screw-CARR |
| 35 | 107-1664 | 1 | Lever ASM |
| 36 | 32128-19 | 1 | Nut-HF |
| 37 | 108-2715 | 1 | Belt-V |
| 38 | 323-4 | 3 | Screw-HH |



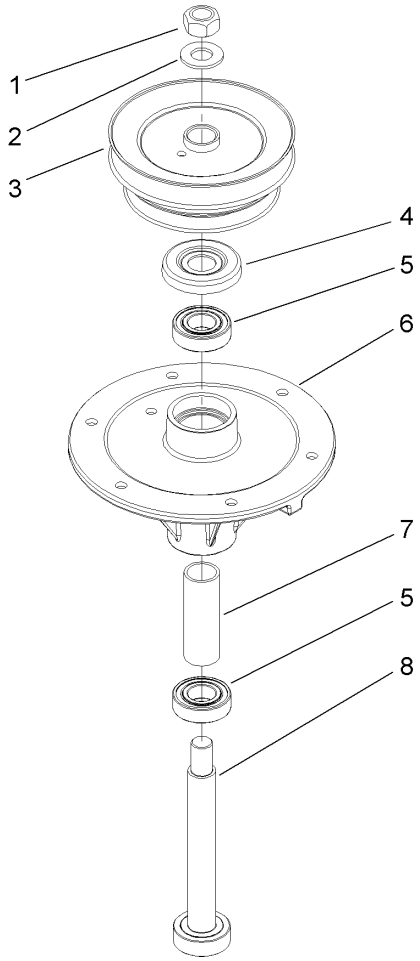

# Deck Assembly No. 112-7082

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❷1 | | 1 | 48 Inch Deck ASM |
| 2 | 43-8480 | 1 | Decal-Danger |
| 3 | 66-1340 | 1 | Decal-Danger |
| 4 | 98-5954 | 3 | Decal-Cover, Missing |
| 5 | 68-8340 | 1 | Decal-Torque |
| 6 | 110-2068 | 1 | Decal-Adjustment, Baffle |
| 7 | 105-7798 | 1 | Decal-Scalp, Anti |
| 8 | 104-8569 | 1 | Decal-Warning |
| 9 | 110-2067 | 1 | Decal-Setting, Baffle |
| 10 | 104-8186 | 1 | Decal-Routing, Belt |



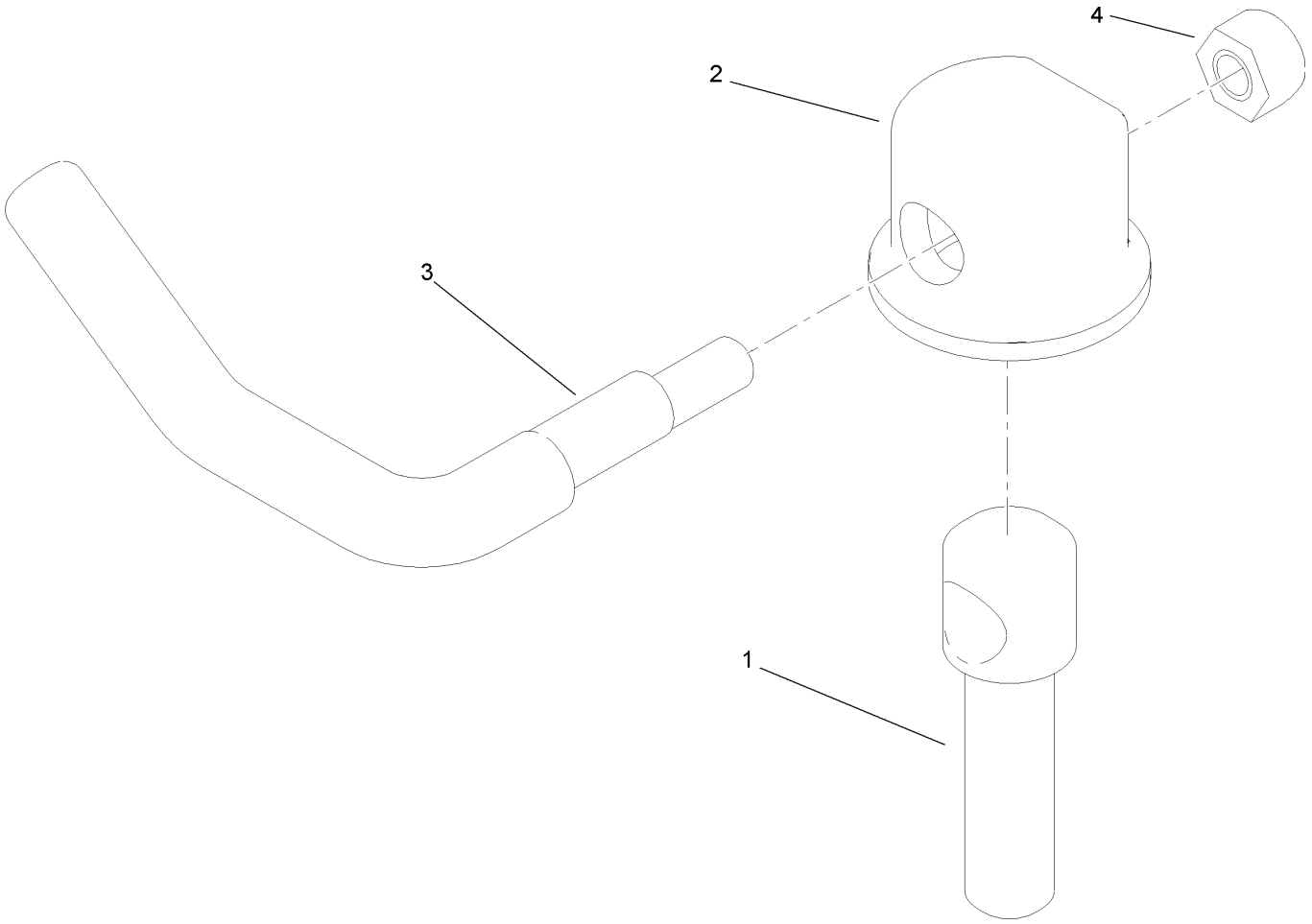

# Spindle Assembly No. 110-0728

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3219-7 | 1 | Nut-Hex |
| 2 | 7-4150 | 1 | Washer |
| 3 | 104-1181 | 1 | Pulley ASM |
| 4 | 106-0873 | 1 | Shield-Bearing |
| 5 | 104-6325 | 2 | Bearing |
| 6 | 108-6696 | 1 | Housing-Spindle |
| 7 | 110-0727 | 1 | Spacer-Bearing |
| 8 | 110-0726 | 1 | Shaft-Spindle |



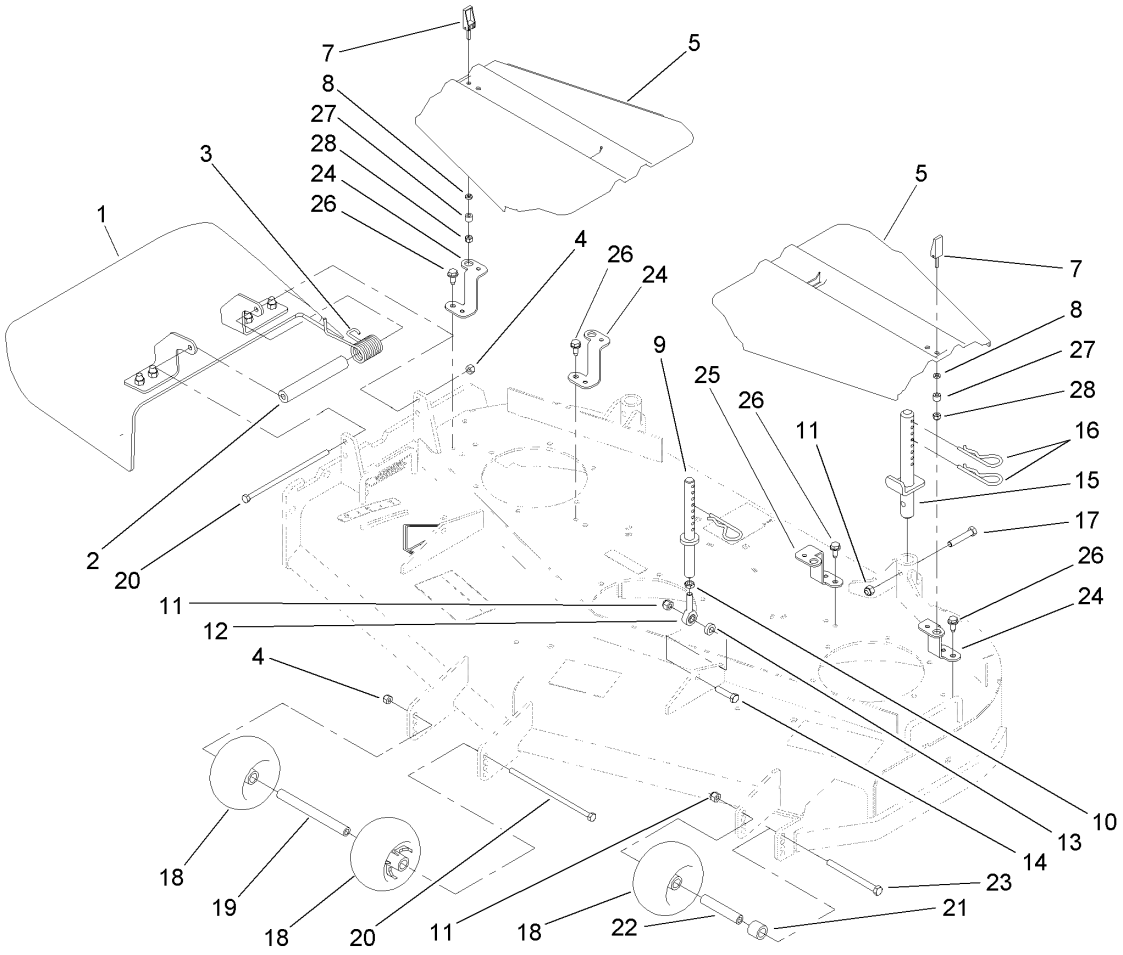

# Spindle Assembly No. 110-0729

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3219-7 | 1 | Nut-Hex |
| 2 | 7-4150 | 1 | Washer |
| 3 | 108-2713 | 1 | Pulley And Hub ASM |
| 4 | 106-0873 | 1 | Shield-Bearing |
| 5 | 104-6325 | 2 | Bearing |
| 6 | 108-6696 | 1 | Housing-Spindle |
| 7 | 110-0727 | 1 | Spacer-Bearing |
| 8 | 110-0725 | 1 | Shaft-Spindle |




# Lever Assembly No. 107-1664

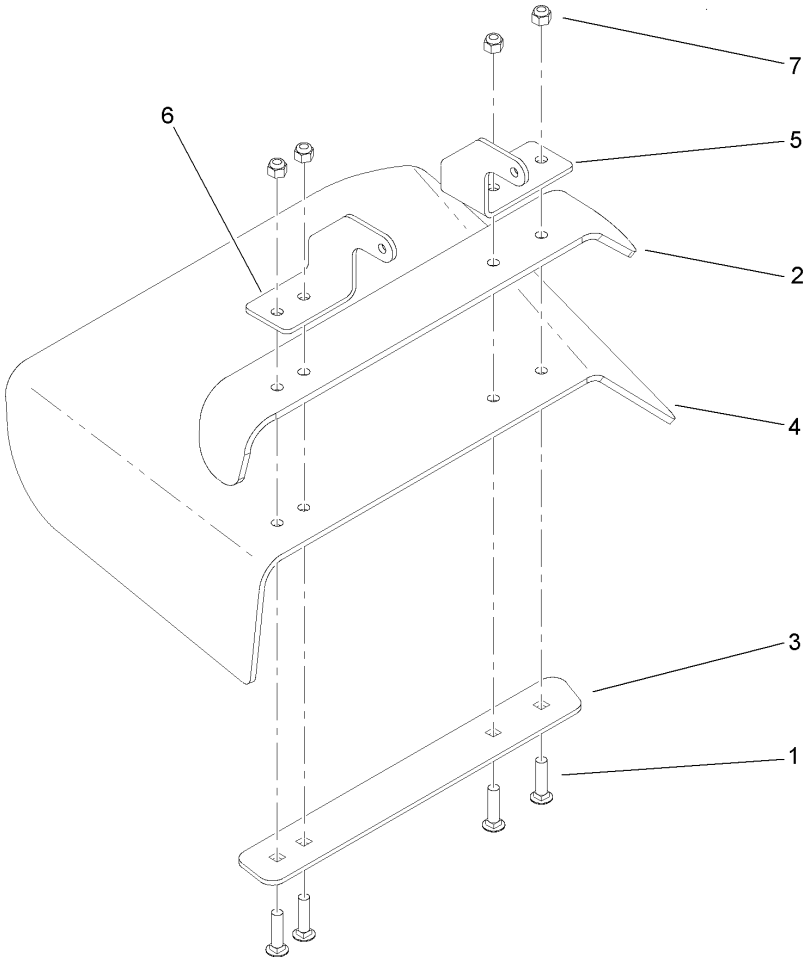
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 106-3239 | 1 | Screw-Lock |
| 2 | 107-1644 | 1 | Cap-Lock |
| 3 | 106-3241 | 1 | Lever-Lock |
| 4 | 3296-29 | 1 | Nut-Lock, NI |




# Deck Assembly

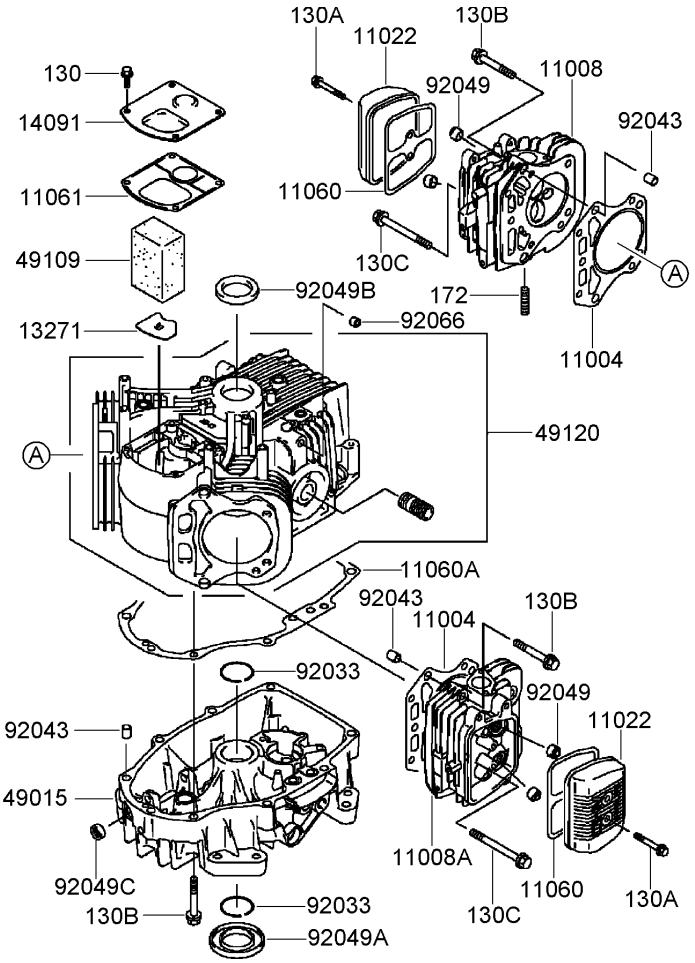
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 110-0758 | 1 | Deflector ASM |
| 2 | 105-4622 | 1 | Spacer |
| 3 | 104-8554 | 1 | Spring-Torsion |
| 4 | 3296-29 | 2 | Nut-Lock, NI |
| 5 | 107-8536 | 2 | Cover-Belt |
| 7 | 106-6777 | 2 | Handle-Latch, Swell |
| 8 | 99-3058 | 2 | Washer |
| 9 | 108-2674 | 2 | Front Pin ASM |
| 10 | 3220-3 | 2 | Nut-HJ |
| 11 | 3296-39 | 5 | Nut-Lock, NI |
| 12 | 1-613204 | 2 | Balljoint |
| 13 | 104-1156 | 2 | Spacer |
| 14 | 323-8 | 2 | Screw-HH |
| 15 | 110-2086 | 2 | Rear Pin ASM |
| 16 | 3290-256 | 6 | Pin-Hair |
| 17 | 323-10 | 2 | Screw-HH |
| 18 | 1-603299 | 3 | Roller-Scalp, Anti |
| 19 | 98-5967 | 1 | Spacer-Wheel |
| 20 | 322-50 | 2 | Screw-HH |
| 21 | 98-7913 | 1 | Tube-Spacer |
| 22 | 98-7912 | 1 | Tube-Spanner |
| 23 | 323-23 | 1 | Screw-HH |
| 24 | 108-2698-01 | 3 | Bracket-Cover |
| 25 | 108-2699-01 | 1 | Bracket-Cover |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 32144-70 | 4 | Screw-HWHTF |
| 27 | 106-6778 | 2 | Bushing-Latch, Swell |
| 28 | 1-804254 | 2 | Nut |



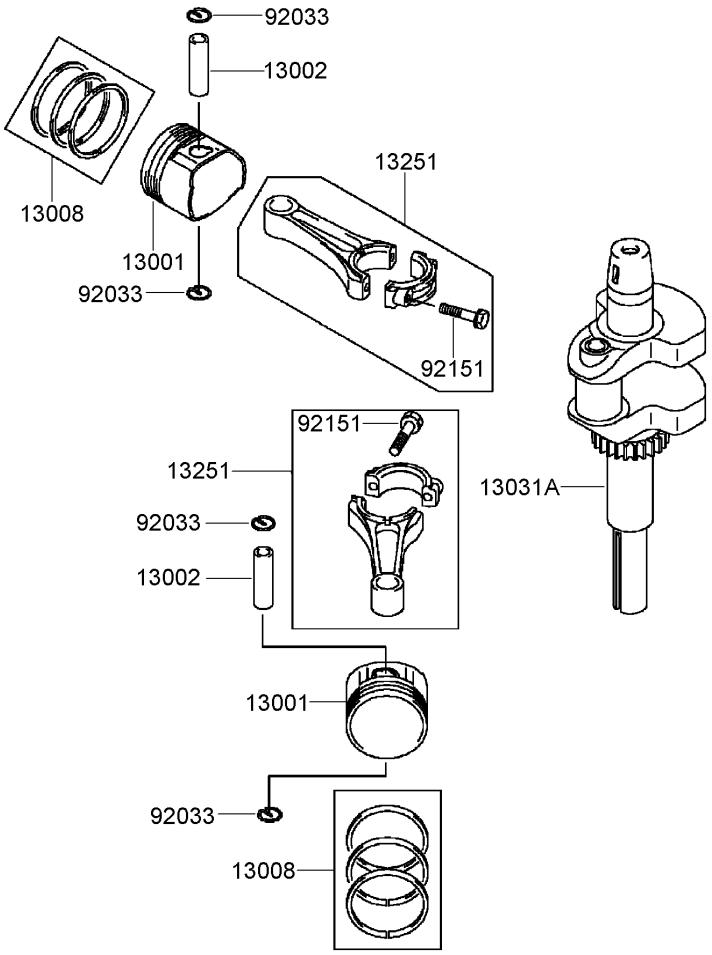

# Deflector Assembly No. 110-0758

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 3231-4 | 4 | Screw-CARR |
| 2 | 106-3246-01 | 1 | Deflector |
| 3 | 106-3248-03 | 1 | Strap-Discharge |
| 4 | 110-0759 | 1 | Deflector-Rubber |
| 5 | 107-4197-01 | 1 | Bracket-Hinge, Rear |
| 6 | 107-4196-01 | 1 | Bracket-Hinge, Front |
| 7 | 3296-39 | 4 | Nut-Lock, NI |



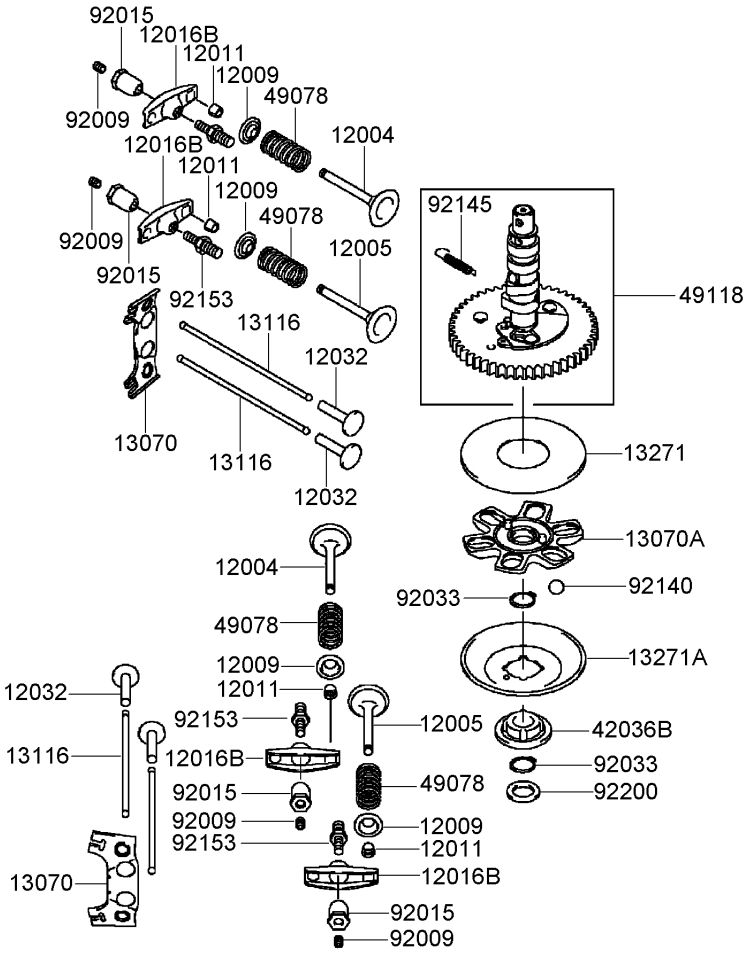

# Cylinder and Crankcase Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸11004 | 11004-7016 | 2 | Gasket-Head |
| ❸11008 | 11008-6043 | 1 | Head-Cylinder, No. 1 |
| ❸11008A | 11008-7020 | 1 | Head-Cylinder, No. 2 |
| ❸11022 | 11022-7003 | 2 | Case-Rocker |
| ❸11060 | 11060-7001 | 2 | Gasket-Case, Rocker |
| ❸11060A | 11060-7008 | 1 | Gasket-Cover, Crankcase |
| ❸11061 | 11061-7001 | 1 | Gasket-Breather |
| ❸13271 | 13271-7016 | 1 | Plate |
| ❸14091 | 14091-7006 | 1 | Cover |
| ❸49015 | 49015-6253 | 1 | Cover-Crankcase |
| ❸49109 | 49109-7002 | 1 | Element-Breather |
| ❸49120 | 49120-7023 | 1 | Crankcase |
| ❸92033 | 92033-7003 | 2 | Ring-Snap |
| ❸92043 | 92043-7001 | 6 | Pin |
| ❸92049 | 92049-7001 | 4 | Seal-Oil, R V C2 (6X11X10.2) |
| ❸92049A | 92049-7015 | 1 | Seal-Oil, S D (35X62X8 L HSH) |
| ❸92049B | 92049-7016 | 1 | Seal-Oil, S D (35X48X8 R HSH) |
| ❸92049C | 92049-7019 | 1 | Seal-Oil, S O (8X14X5 HSH) |
| ❸92066 | 92066-7002 | 1 | Plug |
| ❸130 | 130B0612 | 4 | Bolt-Flanged (6X12) |
| ❸130A | 130B0640 | 4 | Bolt-Flanged (6X40) |
| ❸130B | 130T0850 | 17 | Bolt-Flanged (8X50) |
| ❸130C | 130T0875 | 2 | Bolt-Flanged (8X75) |
| ❸172 | 172G0818 | 4 | Bolt-Stud (8X18) |



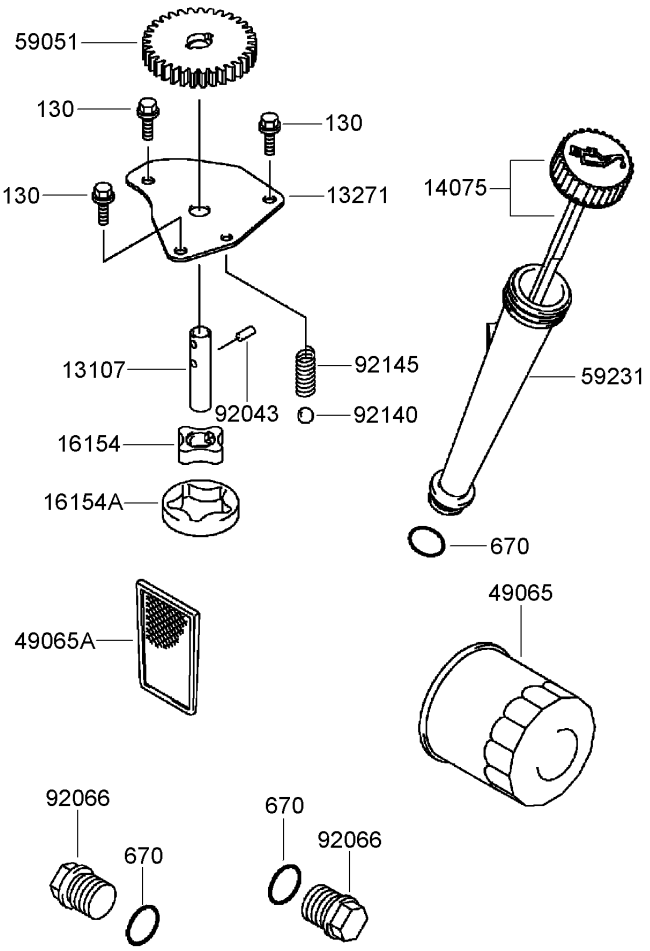

# Piston and Crankshaft Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸13001 | 13001-7010 | 2 | Piston-Engine |
| ❸13002 | 13002-7001 | 2 | Pin-Piston |
| ❸13008 | 13008-6060 | 2 | Ring Set-Piston |
| ❸13031A | 13031-7073 | 1 | Crankshaft |
| ❸13251 | 13251-7010 | 2 | Connecting Rod ASM |
| ❸92033 | 92033-7005 | 4 | Ring-Snap |
| ❸92151 | 92151-7017 | 4 | Bolt (6X35) |



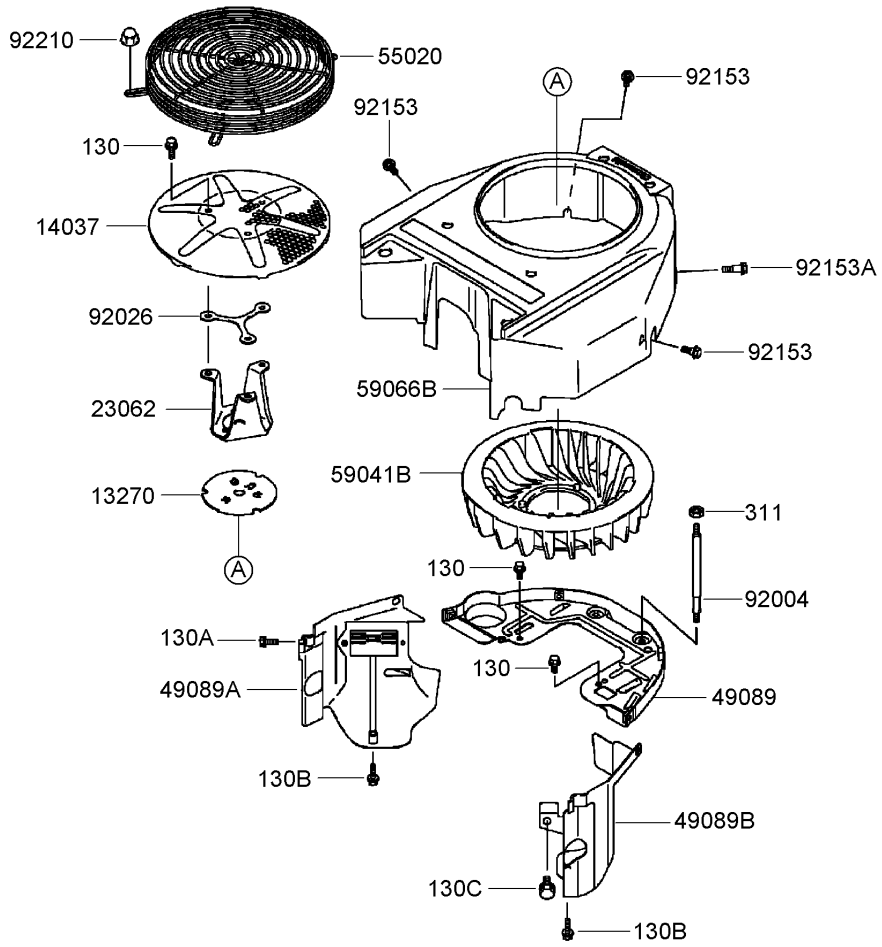

# Valve and Camshaft Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸12004 | 12004-7003 | 2 | Valve-Intake |
| ❸12005 | 12005-7003 | 2 | Valve-Exhaust |
| ❸12009 | 12009-7001 | 4 | Retainer-Spring, Valve |
| ❸12011 | 12011-2056 | 8 | Collet |
| ❸12016B | 12016-7008 | 4 | Arm-Rocker |
| ❸12032 | 12032-7001 | 4 | Tappet |
| ❸13070 | 13070-7001 | 2 | Guide |
| ❸13070A | 13070-7004 | 1 | Guide |
| ❸13116 | 13116-2057 | 4 | Rod-Push |
| ❸13271 | 13271-7007 | 1 | Plate |
| ❸13271A | 13271-7021 | 1 | Plate-Governor |
| ❸42036B | 42036-7010 | 1 | Sleeve |
| ❸49078 | 49078-7001 | 4 | Spring-Valve, Engine |
| ❸49118 | 49118-7004 | 1 | Camshaft |
| ❸92009 | 92009-2341 | 4 | Screw |
| ❸92015 | 92015-2253 | 4 | Nut |
| ❸92033 | 92033-7001 | 2 | Ring-Snap |
| ❸92140 | 92140-7002 | 6 | Ball |
| ❸92145 | 92145-7001 | 1 | Spring |
| ❸92153 | 92153-7019 | 4 | Bolt |
| ❸92200 | 92200-7001 | 1 | Washer |



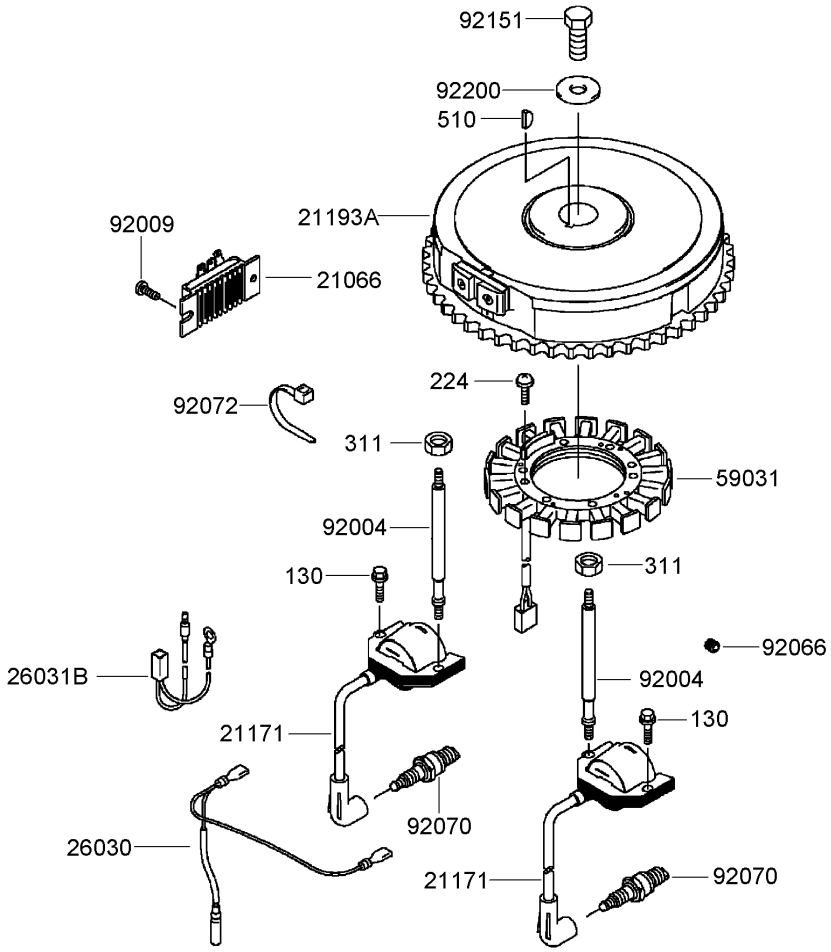

# Lubrication Equipment Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸13107 | 13107-7009 | 1 | Shaft |
| ❸13271 | 13271-7017 | 1 | Plate |
| ❸14075 | 14075-7009 | 1 | Cap ASM |
| ❸16154 | 16154-2053 | 1 | Rotor-Pump (In) |
| ❸16154A | 16154-2054 | 1 | Rotor-Pump (Out) |
| ❸49065 | 49065-2078 | 1 | Filter-Oil |
| ❸49065A | 49065-7004 | 1 | Filter-Oil |
| ❸59051 | 59051-7011 | 1 | Gear-Spur |
| ❸59231 | 59231-7005 | 1 | Filler |
| ❸92043 | 92043-7003 | 2 | Pin |
| ❸92066 | 92066-7003 | 2 | Plug |
| ❸92140 | 92140-7003 | 1 | Ball |
| ❸92145 | 92145-7002 | 1 | Spring |
| ❸130 | 130B0612 | 3 | Bolt-Flanged (6X12) |
| ❸670 | 670D2016 | 3 | O-Ring (16Mm) |



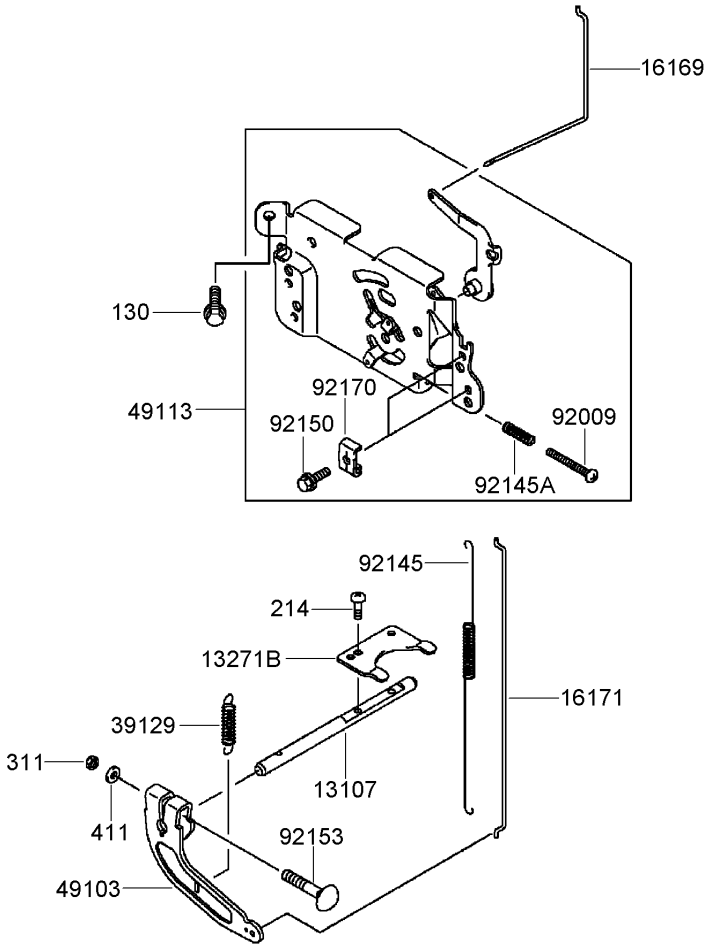

# Cooling Equipment Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸13270 | 13270-7007 | 1 | Plate |
| ❸14037 | 14037-7020-9H | 1 | Screen |
| ❸23062 | 23062-7010 | 1 | Bracket |
| ❸49089 | 49089-7032 | 1 | Shroud-Engine |
| ❸49089A | 49089-7042 | 1 | Shroud-Engine |
| ❸49089B | 49089-7043 | 1 | Shroud-Engine |
| ❸55020 | 55020-7004 | 1 | Guard |
| ❸59041B | 59041-7012 | 1 | Fan |
| ❸59066B | 59066-7037 | 1 | Housing-Fan |
| ❸92004 | 92004-7006 | 2 | Stud |
| ❸92026 | 92026-7007 | 1 | Spacer |
| ❸92153 | 92153-7007 | 3 | Bolt |
| ❸92153A | 92153-7008 | 1 | Bolt |
| ❸92210 | 92210-0003 | 4 | Nut |
| ❸130 | 130B0612 | 5 | Bolt-Flanged (6X12) |
| ❸130A | 130B0616 | 2 | Bolt-Flanged (6X16) |
| ❸130B | 130B0625 | 2 | Bolt-Flanged (6X25) |
| ❸130C | 130B0816 | 1 | Bolt-Flanged (8X16) |
| ❸311 | 311B0600 | 2 | Nut-Hex (6Mm) |



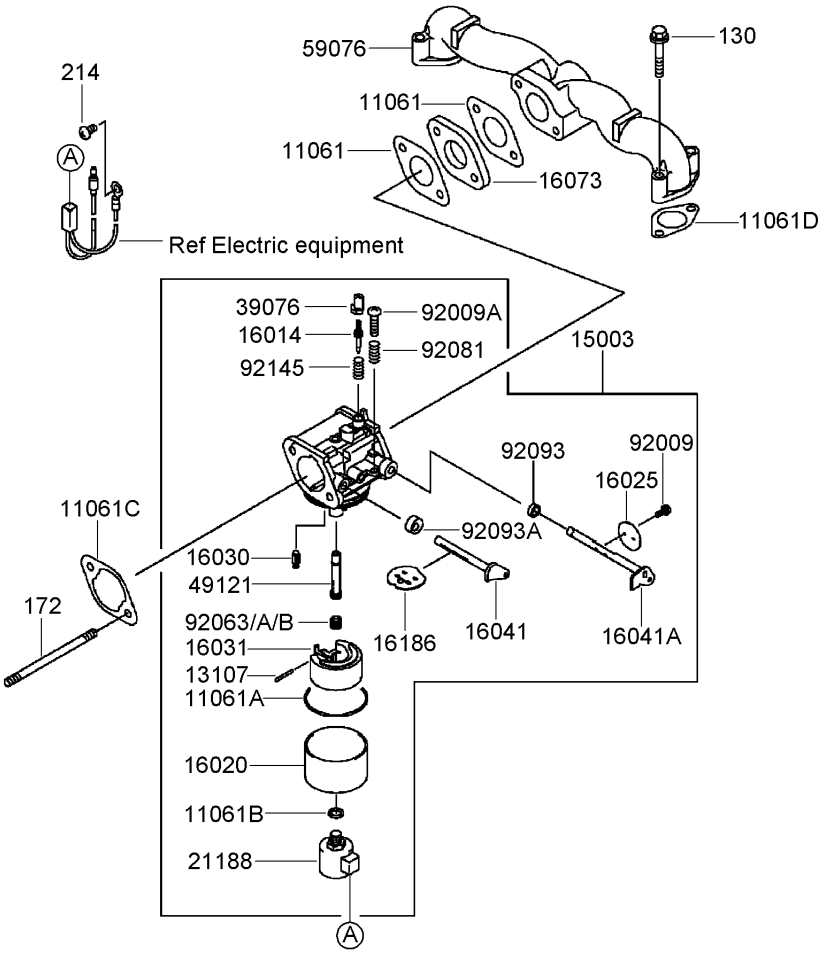

# Electric Equipment Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸21066 | 21066-7011 | 1 | Regulator-Voltage |
| ❸21171 | 21171-7013 | 2 | Ignition Coil ASM |
| ❸21193A | 21193-7032 | 1 | Flywheel-Assy |
| ❸26030 | 26030-7001 | 1 | Harness |
| ❸26031B | 26031-7012 | 1 | Harness |
| ❸59031 | 59031-7009 | 1 | Coil-Charging |
| ❸92004 | 92004-7009 | 2 | Stud |
| ❸92009 | 92009-2308 | 1 | Screw |
| ❸92066 | 92066-7002 | 1 | Plug |
| ❸92070 | 92070-7003 | 2 | Plug-Spark (R C J 8 Y, Solid) |
| ❸92072 | 92072-7003 | 2 | Band |
| ❸92151 | 92151-2097 | 1 | Bolt (12X30) |
| ❸92200 | 92200-7002 | 1 | Washer |
| ❸130 | 130B0620 | 2 | Bolt-Flanged (6X20) |
| ❸224 | 224B0520 | 4 | Screw-Pan (5X20) |
| ❸311 | 311B0600 | 2 | Nut-Hex (6Mm) |
| ❸510 | 510A5100 | 1 | Key-Woodruff |




# Control Equipment Assembly
# Kawasaki FH580V-DS28

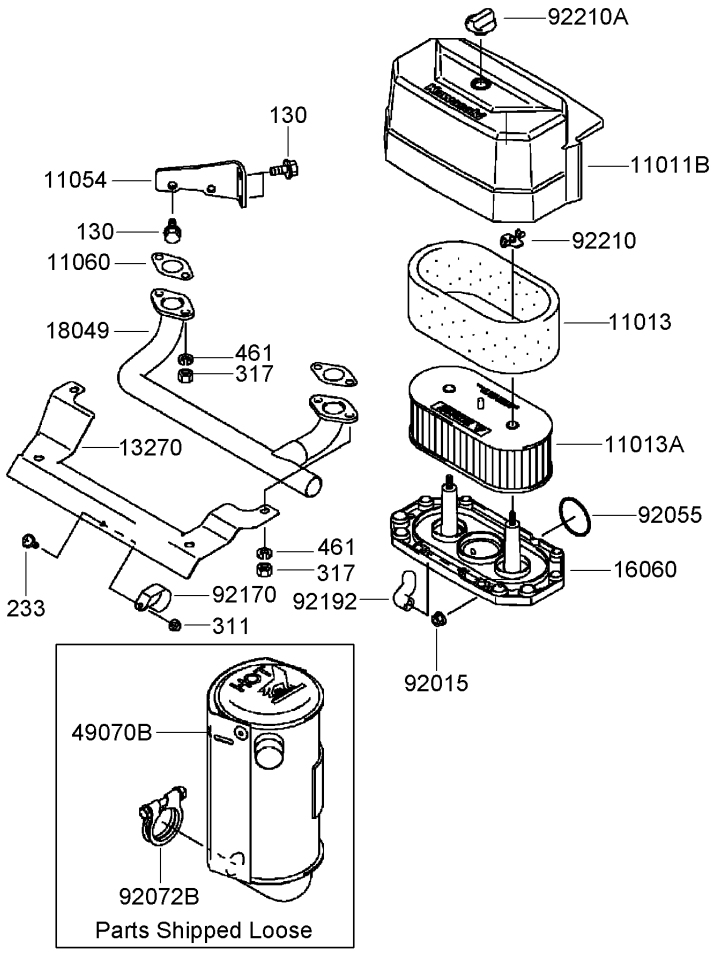
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸13107 | 13107-7010 | 1 | Shaft |
| ❸13271B | 13271-7032 | 1 | Plate |
| ❸16169 | 16169-7010 | 1 | Link-Choke |
| ❸16171 | 16171-7001 | 1 | Link |
| ❸39129 | 39129-7003 | 1 | Spring-Governor |
| ❸49103 | 49103-7004 | 1 | Arm-Governor |
| ❸49113 | 49113-7024 | 1 | Panel-Control |
| ❸92009 | 92009-7007 | 1 | Screw (4X35) |
| ❸92145 | 92145-7003 | 1 | Spring |
| ❸92145A | 92145-7005 | 1 | Spring |
| ❸92150 | 92150-2182 | 2 | Bolt (5X18) |
| ❸92153 | 92153-7033 | 1 | Bolt (6X35) |
| ❸92170 | 92170-7001 | 2 | Clamp |
| ❸130 | 130B0612 | 2 | Bolt-Flanged (6X12) |
| ❸214 | 214B0408 | 2 | Screw-Pan (4X8) |
| ❸311 | 311B0600 | 1 | Nut-Hex (6Mm) |
| ❸411 | 411B0600 | 1 | Washer-Plain (6Mm) |




# Carburetor Assembly
# Kawasaki FH580V-DS28

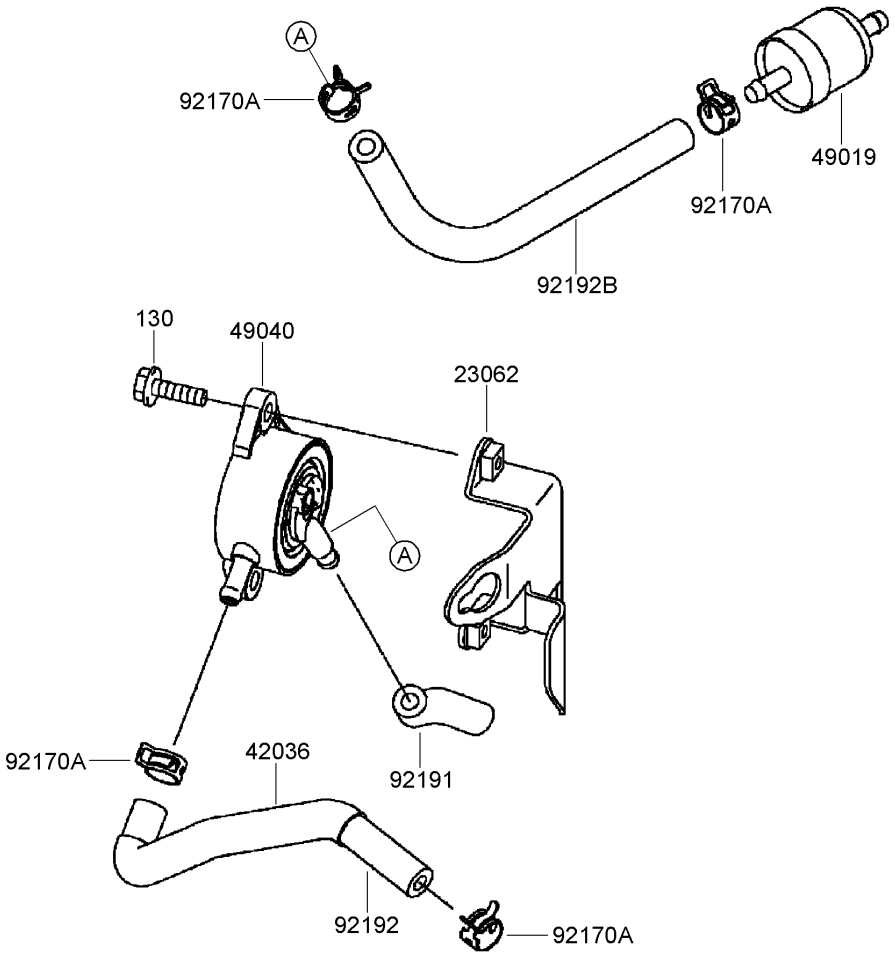
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸11061 | 11061-7004 | 2 | Gasket-Insulator |
| ❸11061A | 11061-7009 | 1 | Gasket-Chamber |
| ❸11061B | 11061-7010 | 1 | Gasket-Screw |
| ❸11061C | 11061-7018 | 1 | Gasket-Cleaner, Air |
| ❸11061D | 11061-7019 | 2 | Gasket |
| ❸13107 | 13107-7018 | 1 | Shaft |
| ❸15003 | 15003-7100 | 1 | Carburetor ASM |
| ❸16014 | 16014-7007 | 1 | Screw-Air, Pilot |
| ❸16020 | 16020-7003 | 1 | Chamber-Float |
| ❸16025 | 16025-7006 | 1 | Valve-Throttle |
| ❸16030 | 16030-7003 | 1 | Valve-Float |
| ❸16031 | 16031-7002 | 1 | Float |
| ❸16041 | 16041-7016 | 1 | Shaft-Choke, Carburetor |
| ❸16041A | 16041-7018 | 1 | Shaft-Throttle, Carburetor |
| ❸16073 | 16073-7007 | 1 | Insulator |
| ❸16186 | 16186-7004 | 1 | Choke Valve ASM |
| ❸21188 | 21188-7002 | 1 | Solenoid |
| ❸39076 | 39076-7001 | 1 | Limiter |
| ❸49121 | 49121-7004 | 1 | Nozzle-Main |
| ❸59076 | 59076-7001 | 1 | Manifold-Intake |
| ❸92009 | 92009-2083 | 2 | Screw |
| ❸92009A | 92009-2349 | 1 | Screw |
| ❸92063 | 92063-7037 | 1 | Jet-Main (No. 105) |
| ❸92063A | 92063-7046 | 1 | Jet-Main (No. 100) |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸92063B | 92063-7062 | 1 | Jet-Main No. 110 |
| ❸92081 | 92081-2234 | 1 | Spring |
| ❸92093 | 92093-2100 | 1 | Seal |
| ❸92093A | 92093-7003 | 1 | Seal |
| ❸92145 | 92145-7015 | 1 | Spring |
| ❸130 | 130B0635 | 4 | Bolt-Flanged (6X35) |
| ❸172 | 172G0690 | 2 | Bolt-Stud (6X90) |
| ❸214 | 214B0510 | 1 | Screw-Pan (5X10) |



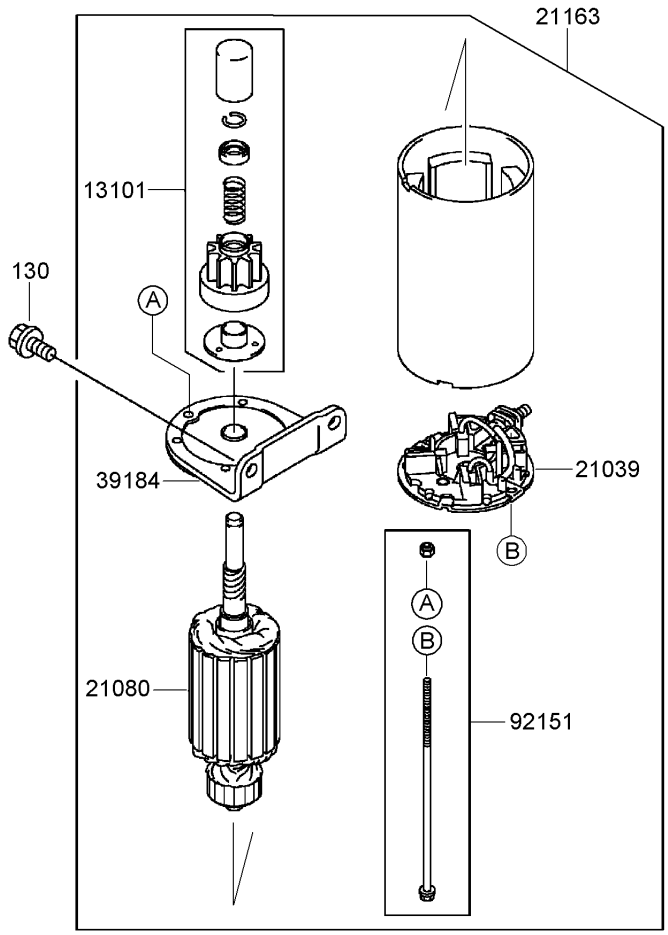

# Air Filter and Muffler Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸11011B | 11011-7046 | 1 | Case-Air Filter |
| ❸11013 | 11013-7025 | 1 | Element-Filter, Air |
| ❸11013A | 11013-7031 | 1 | Element-Filter, Air |
| ❸11054 | 11054-7002-9H | 1 | Bracket |
| ❸11060 | 11060-7021 | 2 | Gasket-Muffler |
| ❸13270 | 13270-7008 | 1 | Plate |
| ❸16060 | 16060-7016 | 1 | Pipe-Intake |
| ❸18049 | 18049-7001 | 1 | Pipe-Exhaust |
| ❸49070B | 49070-7021 | 1 | Muffler |
| ❸92015 | 92015-1193 | 2 | Nut |
| ❸92055 | 92055-7015 | 1 | O-Ring |
| ❸92072B | 92072-7012 | 1 | Band |
| ❸92170 | 92170-7002 | 1 | Clamp |
| ❸92192 | 92192-7010 | 1 | Tube |
| ❸92210 | 92210-7004 | 2 | Nut |
| ❸92210A | 92210-7019 | 1 | Nut |
| ❸130 | 130B0816 | 3 | Bolt-Flanged (8X16) |
| ❸233 | 233B0416 | 1 | Screw (4X16) |
| ❸311 | 311B0400 | 1 | Nut-Hex (4Mm) |
| ❸317 | 317R0800 | 4 | Nut-Hex, Small (8Mm) |
| ❸461 | 461F0800 | 4 | Washer-Spring (8Mm) |




# Fuel Tank and Valve Assembly
# Kawasaki FH580V-DS28

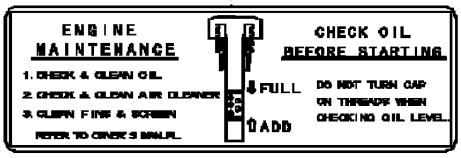
| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸23062 | 23062-7004-9H | 1 | Bracket |
| ❸42036 | 42036-7012 | 1 | Sleeve |
| ❸49019 | 49019-7001 | 1 | Filter-Fuel |
| ❸49040 | 49040-7001 | 1 | Pump-Fuel |
| ❸92170A | 92170-2088 | 4 | Clamp |
| ❸92191 | 92191-7002 | 1 | Tube |
| ❸92192 | 92192-7035 | 1 | Tube (6.35X12.7X170) |
| ❸92192B | 92192-7037 | 1 | Tube (6.35X12.7X160) |
| ❸130 | 130B0620 | 2 | Bolt-Flanged (6X20) |




# Starter Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸13101 | 13101-7003 | 1 | Gear ASM |
| ❸21039 | 21039-7004 | 1 | Brush |
| ❸21080 | 21080-7001 | 1 | Armature |
| ❸21163 | 21163-7010 | 1 | Starter-Electric |
| ❸39184 | 39184-7004 | 1 | Bracket ASM |
| ❸92151 | 92151-7013 | 1 | Bolt |
| ❸130 | 130B0816 | 2 | Bolt-Flanged (8X16) |

56033A




56070




56080




# Label Assembly
# Kawasaki FH580V-DS28

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| ❸56033A | 56033-7003 | 1 | Label-Manual |
| ❸56070 | 56070-7001 | 1 | Label-Warning |
| ❸56080 | 56080-7022 | 1 | Label-Brand |

# Attachments and Accessories

## For 30288 - Commercial Walk-Behind Mower, Floating Deck Pistol Grip Hydro with 48in TURBO FORCE Cutting Unit

| Product Name | Model/Part |
|---|---|
| Blade-Low Flow, 16.5 Inch | 107-3193-03 |
| Blade-Mid Flow, 16.5 Inch | 107-3194-03 |
| Blade-Atomic, 16.5 Inch | 107-3195-03 |
| Blade-Recycling, 16.5 Inch | 107-3196-03 |
| Bagging Enhancement Kit | 108-4091 |
| Blade-Hi Flow, 16.5 Inch (6 Pack) | 110-0414 |
| Blade-Lo Flow, 16.5 Inch (6 Pack) | 110-0415 |
| Blade-Recycler, 16.5 Inch (6 Pack) | 110-0416 |
| Blade-Atomic, 16.5 Inch (6 Pack) | 110-0417 |
| Blade-Mid Flow, 16.5 Inch (6 Pack) | 110-0418 |
| 48 Inch Recycler Kit | 110-2060 |
| Weight-Cast | 112-7059-01 |
| Weight Kit | 112-9971 |
| Trim Side Anti-Scalp Roller Kit | 115-1015 |
| Discharge Side Anti-Scalp Roller Kit | 115-1016 |
| Soft Bag (3 Bushel) | 30104 |
| Tru Trak Sulky | 30110 |

# NOTES

# NOTES


TORO®