



Count on it.

Parts Catalog

Sand Pro® 3040

Traction Unit

Model No. 08703—Serial No. 402940001 and Up



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.

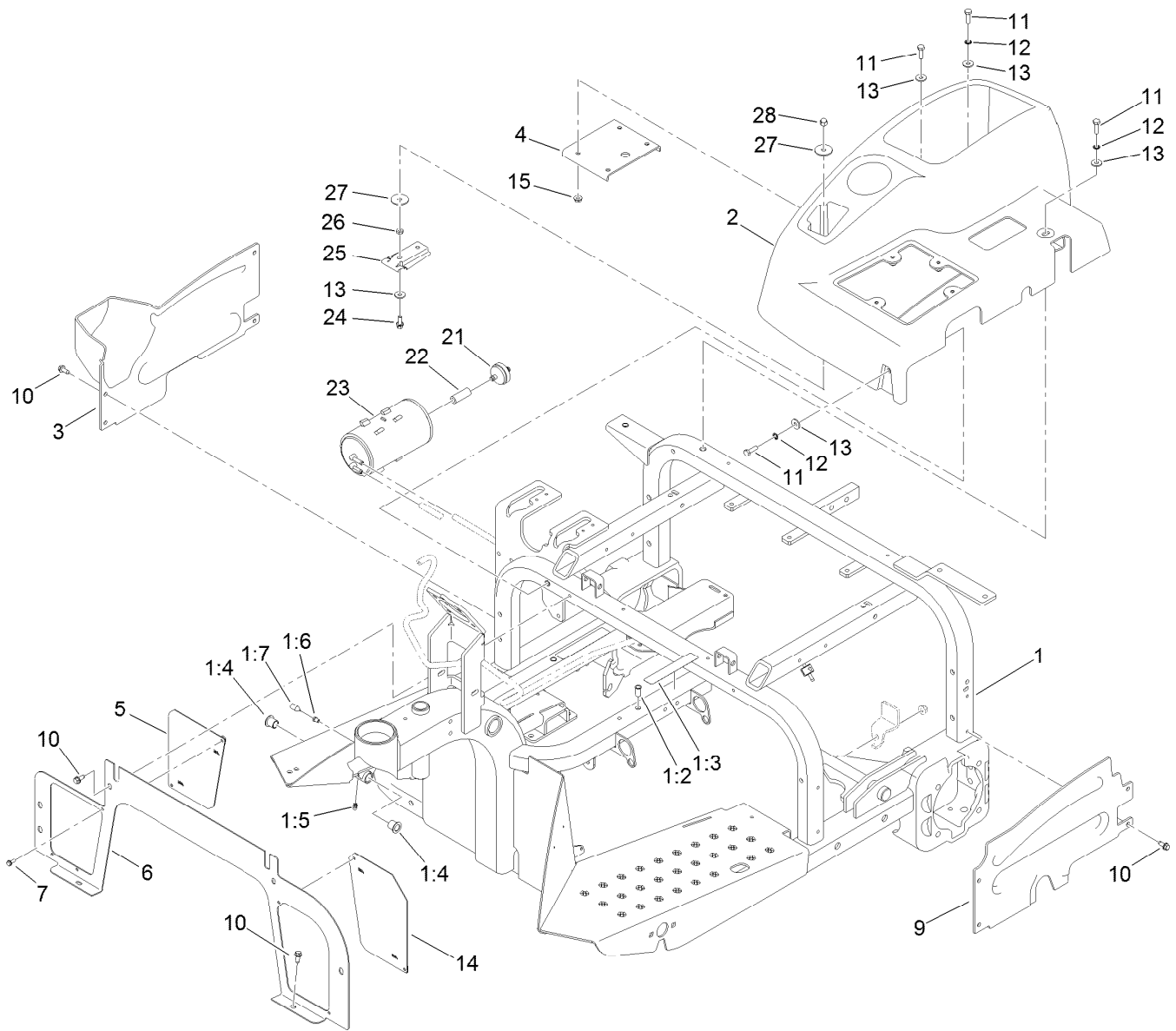
Reference Numbers Indicating Quantity

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.

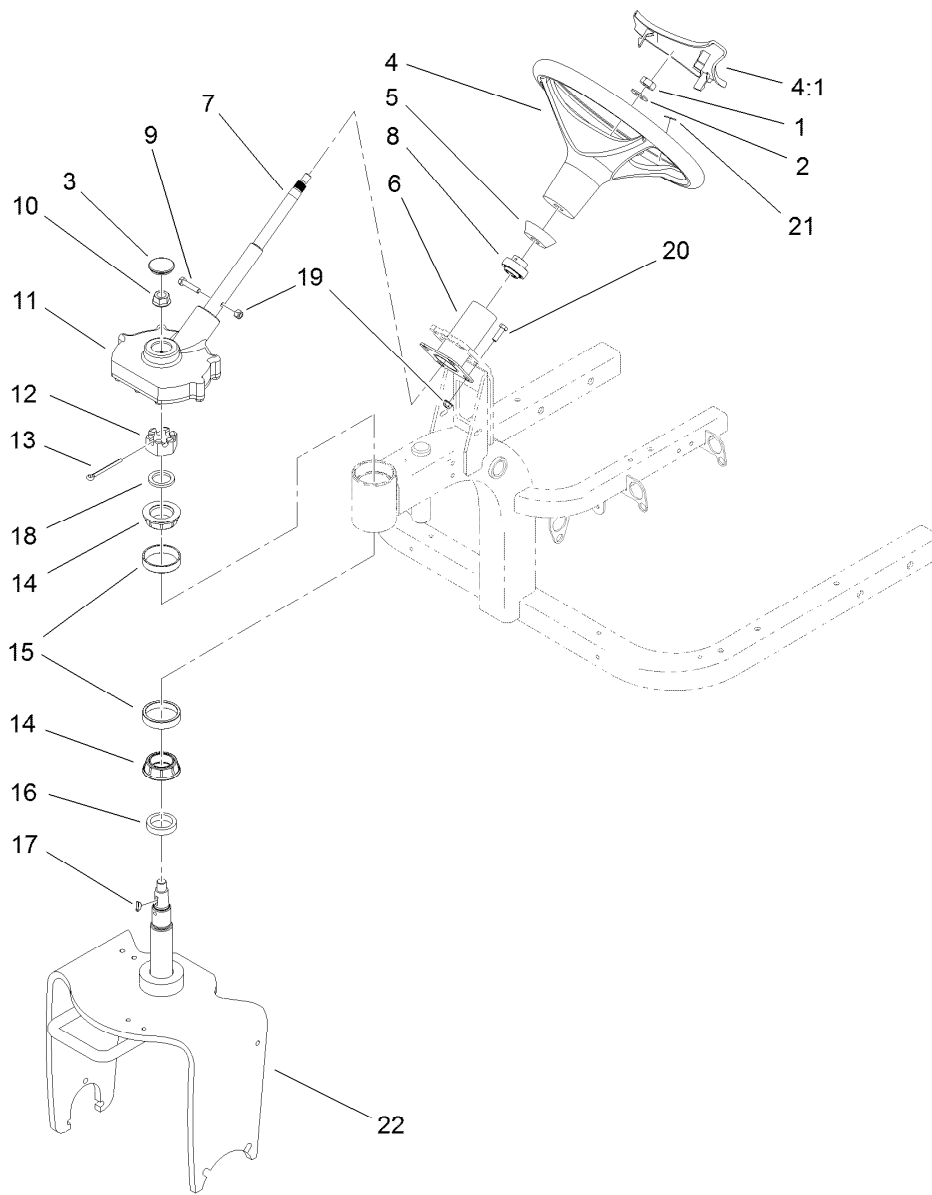
Contents

| | |
|---|----|
| Frame and Console Assembly | 4 |
| Steering Assembly | 5 |
| Steering Box Assembly No. 107-3526 | 6 |
| Front Wheel Assembly | 7 |
| Hydraulic Motor Assembly No. 108-2948 | 8 |
| Rear Wheel Assembly | 9 |
| Hydraulic Motor Assembly No. 108-2949 | 10 |
| Hydraulic Motor Assembly No. 108-2947 | 11 |
| Traction Pedal Assembly | 12 |
| Pump Control Lever Assembly | 13 |
| Engine Installation Assembly | 14 |
| Pump and Coupling Assembly | 15 |
| Variable Piston Pump Assembly No. 132-4350 | 16 |
| Fuel Tank and Battery Assembly | 18 |
| Hydraulic Tank, Filter and Cooler Assembly | 20 |
| Seat and Shroud Assembly | 21 |
| Lift Valve and Rear Tube Assembly | 22 |
| Hydraulic Valve Assembly No. 121-9070 | 24 |
| Wire Harness, Air Cleaner and Hose Assembly | 25 |
| Air Cleaner Assembly No. 93-2190 | 26 |
| Rear Hitch Assembly | 27 |
| Hydraulic Lift Cylinder Assembly No. 115-5647 | 28 |
| Steering Valve Assembly No. 108-2924 | 29 |
| Attachments and Accessories | 30 |



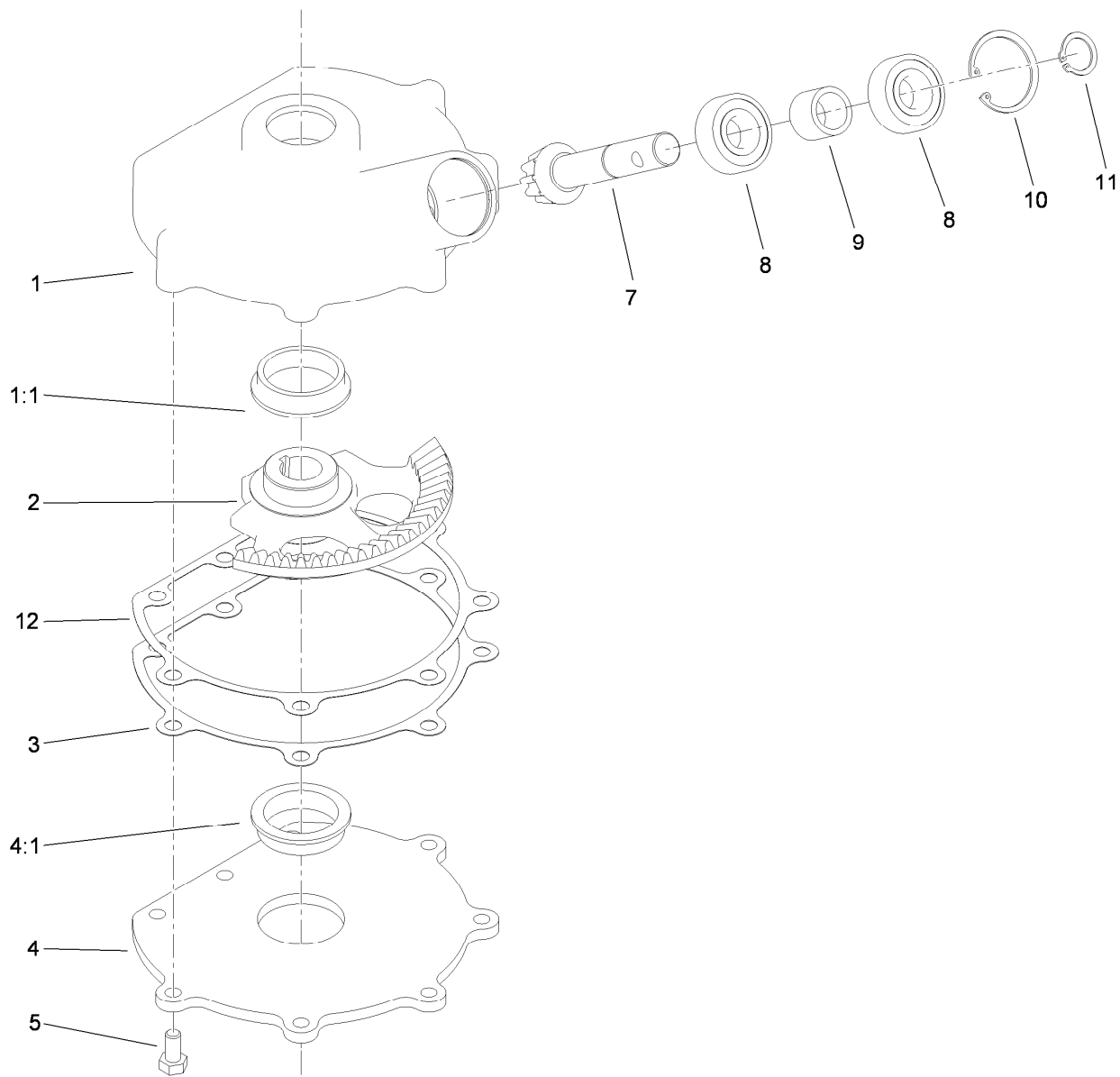
Frame and Console Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|------------------------|-------------|--------------------|-------------|--------------------------|
| 1 | 110-3367 | 1 | Frame ASM | 10 | 32144-10 | 12 | Screw-HWH |
| 1:2 | 32148-11 | 5 | Nut-Clinch | 11 | 321-5 | 7 | Screw-HH |
| 1:3 | 93-7272 | 2 | Decal-Warning | 12 | 3254-8 | 3 | Washer-Lock |
| 1:4 | 256-219 | 2 | Bushing | 13 | 3256-78 | 8 | Washer-Flat |
| 1:5 | 302-58 | 1 | Fitting-Straight | 14 | 120-3491-01 | 1 | Screen-Panel, LH |
| 1:6 | 107-1997 | 1 | Fitting-Grease | 15 | 32128-33 | 4 | Nut-HF |
| 1:7 | 107-1998 | 1 | Nozzle-Grease | 21 | 115-7854 | 1 | Filter-Fuel, Inline |
| 2 | 108-2936 | 1 | Console | 22 | 106-5317 | 1 | Hose-Fuel |
| 3 | 108-6855 | 1 | Shroud-Wheel, RH | 23 | 127-8685 | 1 | Canister-Carbon |
| 4 | 108-7995-03 | 1 | Plate-Support, Console | 24 | 3234-33 | 1 | Screw-HHF |
| 5 | 120-3492-01 | 1 | Screen-Panel, RH | 25 | 114-0292 | 1 | Bracket-Canister, Carbon |
| 6 | 112-1443-01 | 1 | Panel-Front | 26 | 3218-1 | 1 | Nut-Jam |
| 7 | 3290-321 | 4 | Screw-HWH | 27 | 3256-57 | 2 | Washer-Flat |
| 9 | 108-6856 | 1 | Shroud-Wheel, LH | 28 | 32111-7 | 1 | Nut-Cap |



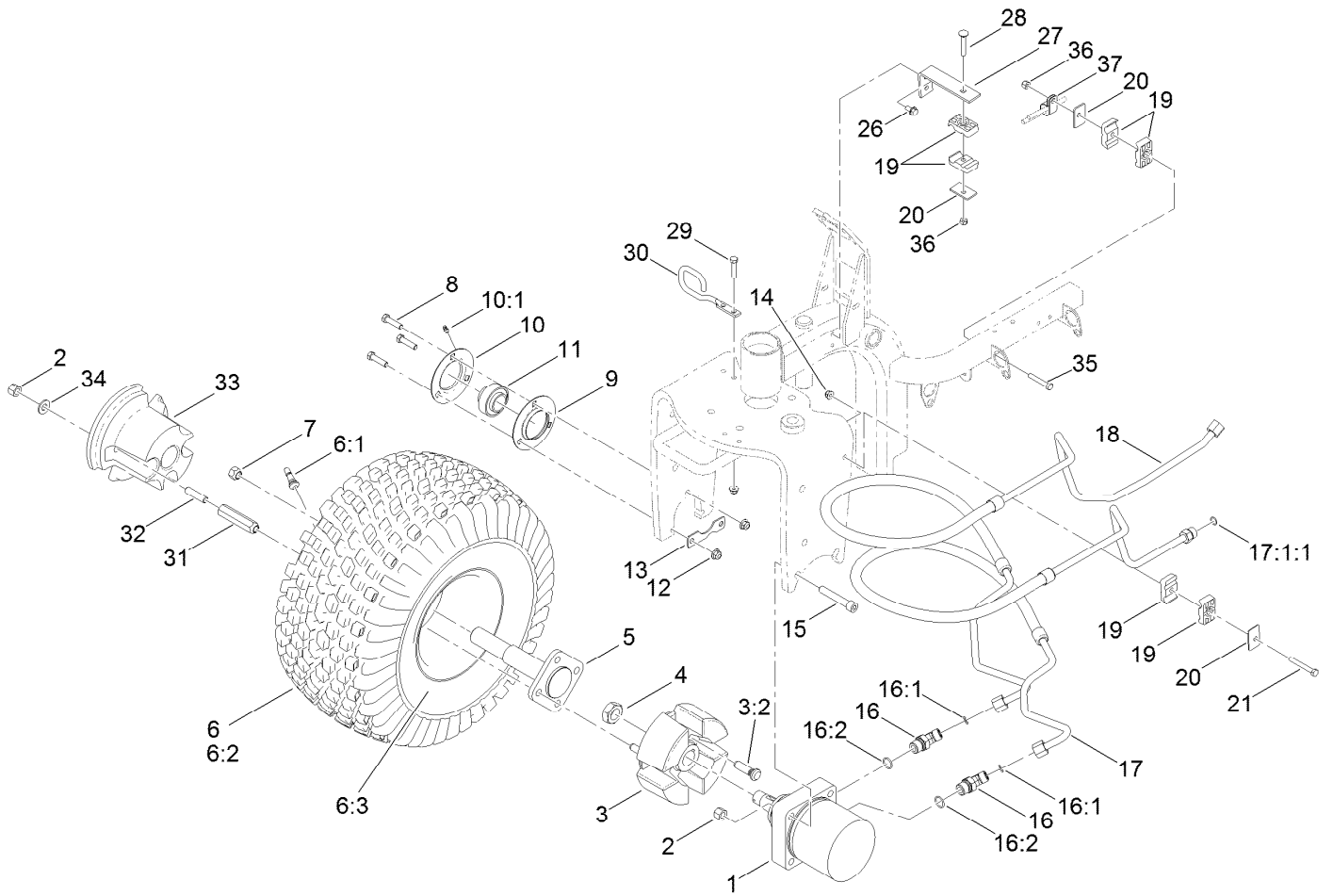
Steering Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|------------------------|-------------|--------------------|-------------|------------------------|
| 1 | 3296-33 | 1 | Nut-Lock, NI | 12 | 32136-9 | 1 | Nut-Hex, Slotted |
| 2 | 3256-27 | 1 | Washer-Flat | 13 | 3272-37 | 1 | Pin-Cotter |
| 3 | 107-3532 | 1 | Grommet | 14 | 107-7589 | 2 | Cone-Bearing (W/ Seal) |
| 4 | 98-1471 | 1 | Wheel-Steering | 15 | 107-7590 | 2 | Cup-Bearing |
| 4:1 | 98-1468 | 1 | Cover-Wheel, Steering | 16 | 108-5432 | 1 | Spacer-Bearing |
| 5 | 93-5429 | 1 | Collar-Foam | 17 | 3257-5 | 1 | Key-Woodruff |
| 6 | 107-3540-03 | 1 | Tube | 18 | 115-5639 | 1 | Washer-Steering |
| 7 | 107-3533 | 1 | Shaft-Steering | 19 | 104-8300 | 5 | Nut-HF, NI |
| 8 | 106-8448 | 1 | Bearing-Race, Extended | 20 | 322-5 | 4 | Screw-HH |
| 9 | 322-7 | 1 | Screw-HH | 21 | 98-1459 | 1 | Decal |
| 10 | 32128-54 | 1 | Nut-HF | 22 | 107-3543-01 | 1 | Fork ASM |
| 11 | 107-3526 | 1 | Steering Box ASM | | | | |



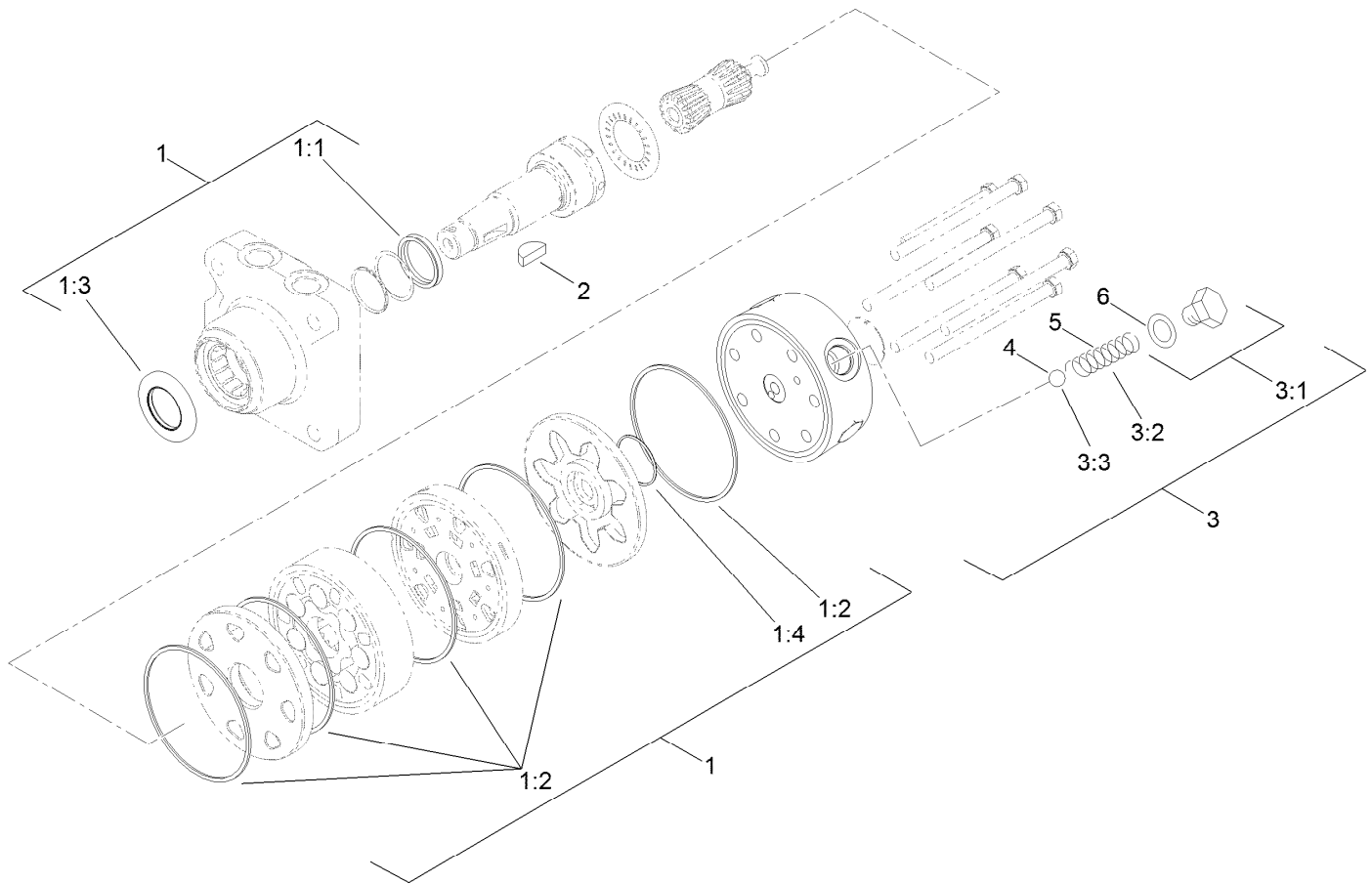
Steering Box Assembly No. 107-3526

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|----------------------|
| 1 | 108-4520 | 1 | Steering Cover ASM |
| 1:1 | 92-6869 | 1 | Bushing |
| 2 | 107-3520 | 1 | Gear-Sector |
| 3 | 107-3529 | 1 | Gasket-Steering |
| 4 | 107-3524 | 1 | Steering Plate ASM |
| 4:1 | 92-6869 | 1 | Bushing |
| 5 | 322-2 | 8 | Screw-HH |
| 7 | 107-3527 | 1 | Gear-Pinion |
| 8 | 38-7820 | 2 | Bearing-Ball |
| 9 | 108-4502 | 1 | Spacer |
| 10 | 107-3530 | 1 | Ring-Retaining |
| 11 | 32151-12 | 1 | Ring-Retaining |
| 12 | 108-8442 | 3 | Shim-Plate, Steering |



Front Wheel Assembly

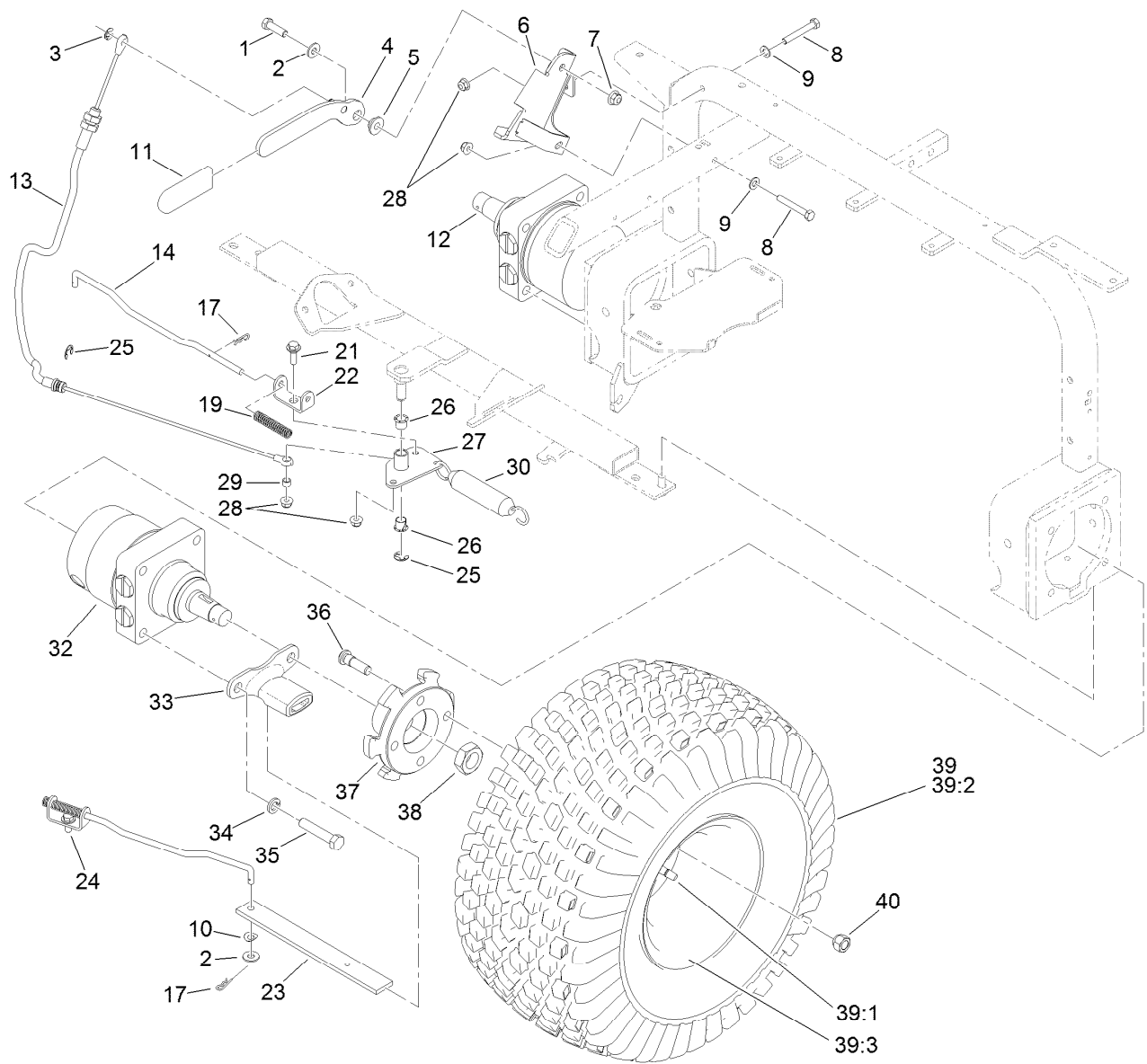
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|---------------------|-------------|--------------------|-------------|-----------------------|
| 1 | 108-2948 | 1 | HYD Motor ASM (CW) | 16:1 | 237-30 | 1 | O-Ring |
| 2 | 3296-23 | 4 | Nut-Lock, NI | 16:2 | 237-80 | 1 | O-Ring |
| 3 | 110-6310 | 1 | Front Wheel Hub ASM | 17 | 119-6747 | 1 | HYD Hose ASM |
| 3:2 | 10-6830 | 4 | Stud-Type, Drive | 17:1:1 | 237-30 | 1 | O-Ring |
| 4 | 26-3790 | 1 | Nut-Lock | 18 | 119-6742 | 1 | HYD Hose ASM |
| 5 | 110-6314 | 1 | Spindle | 19 | 56-7976 | 6 | Clamp-Tube |
| 6 | 95-0621 | 1 | Wheel And Tire ASM | 20 | 69-9760 | 3 | Coverplate |
| 6:1 | 5108 | 1 | Valve | 21 | 322-12 | 1 | Screw-HH |
| 6:2 | 85-8290 | 1 | Tire-2Ply, Knobby | 26 | 32144-14 | 2 | Screw-HWHTF |
| 6:3 | 94-6116 | 1 | Wheel-Rear | 27 | 108-8455-01 | 1 | Bracket-Clamp |
| 7 | 242-50 | 2 | Nut-Lug | 28 | 3230-6 | 1 | Bolt-CARR,Full Thrd |
| 8 | 323-8 | 3 | Screw-HH | 29 | 322-7 | 2 | Screw-HH |
| 9 | 85-8950 | 1 | Flangette-Standard | 30 | 130-7873 | 1 | Guide-Hose |
| 10 | 85-8940 | 1 | Flangette-Relube | 31 | 107-3399 | 2 | Adapter-Weight, Wheel |
| 10:1 | 302-5 | 1 | Fitting-Grease | 32 | 110-6311 | 2 | Stud |
| 11 | 251-352 | 1 | Bearing | 33 | 110-6312-03 | 1 | Weight |
| 12 | 104-8301 | 3 | Nut-HF, NI | 34 | 87-7270 | 2 | Washer-Thrust |
| 13 | 88-8350 | 1 | Tab-Bearing | 35 | 322-10 | 1 | Screw-HH |
| 14 | 104-8300 | 3 | Nut-HF, NI | 36 | 3296-29 | 2 | Nut-Lock, NI |
| 15 | 3274-93 | 2 | Screw-HSH | 37 | 2412-41 | 1 | Clamp-R |
| 16 | 340-89 | 2 | Fitting-HYD, 45 DEG | | | | |



Hydraulic Motor Assembly No. 108-2948

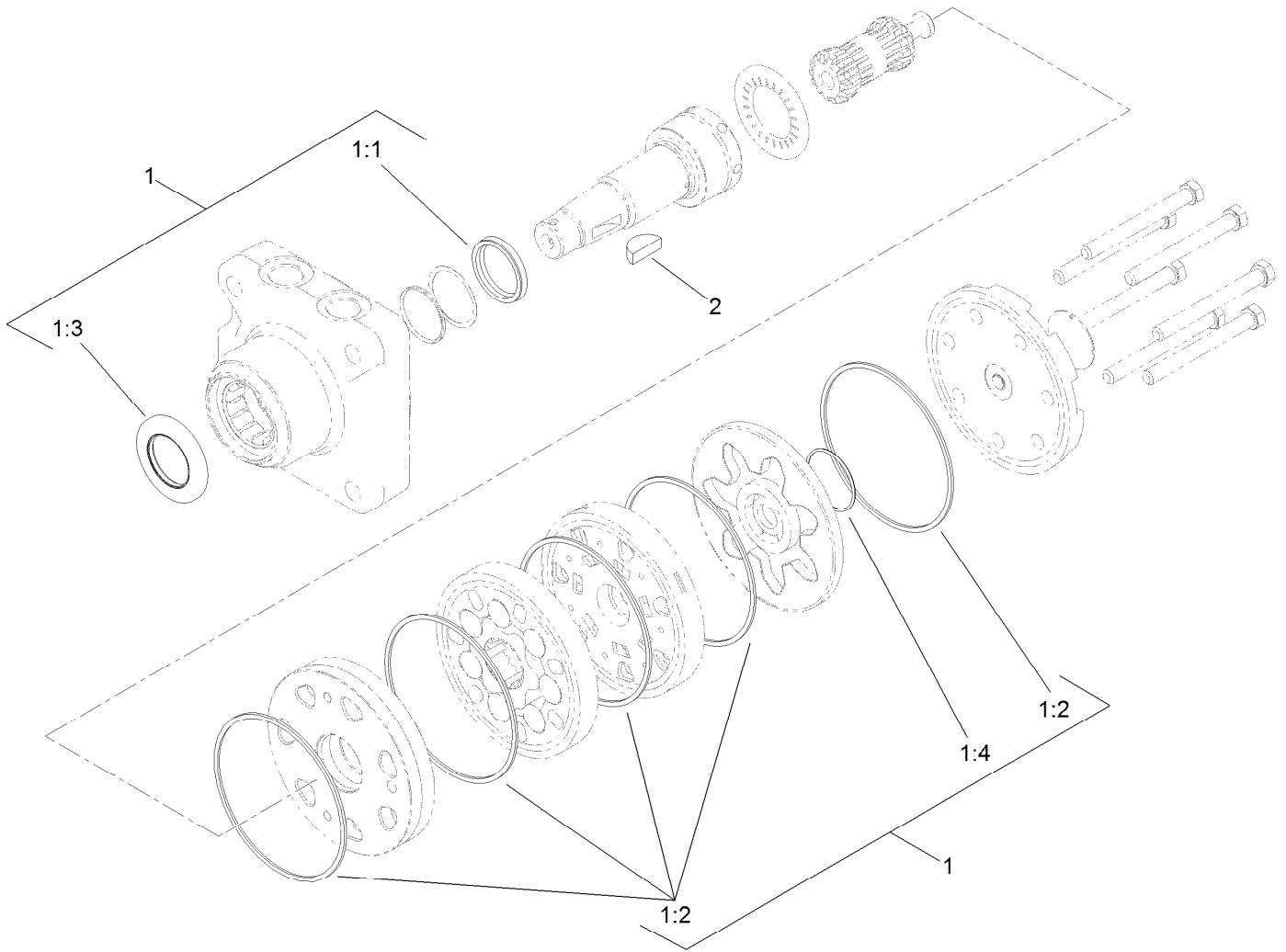
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-----------------------------|
| 1 | 110-6459 | 1 | Seal Kit |
| 1:1 | | 1 | Seal-Shaft ● |
| 1:2 | | 5 | Seal-Body ● |
| 1:3 | | 1 | Seal-Dirt/Water ● |
| 1:4 | | 1 | Seal-Commutator ● |
| 2 | 3257-42 | 1 | Key-Woodruff |
| 3 | 99-3538 | 1 | End Cover ASM |
| 3:1 | | 1 | Spring Cap And O-Ring ASM ● |
| 3:2 | 99-3541 | 1 | Spring |
| 3:3 | 99-3540 | 1 | Ball |
| 4 | 99-3540 | 1 | Ball |
| 5 | 99-3541 | 1 | Spring |
| 6 | 132-4421 | 1 | O-Ring |

● Not serviced separately



Rear Wheel Assembly

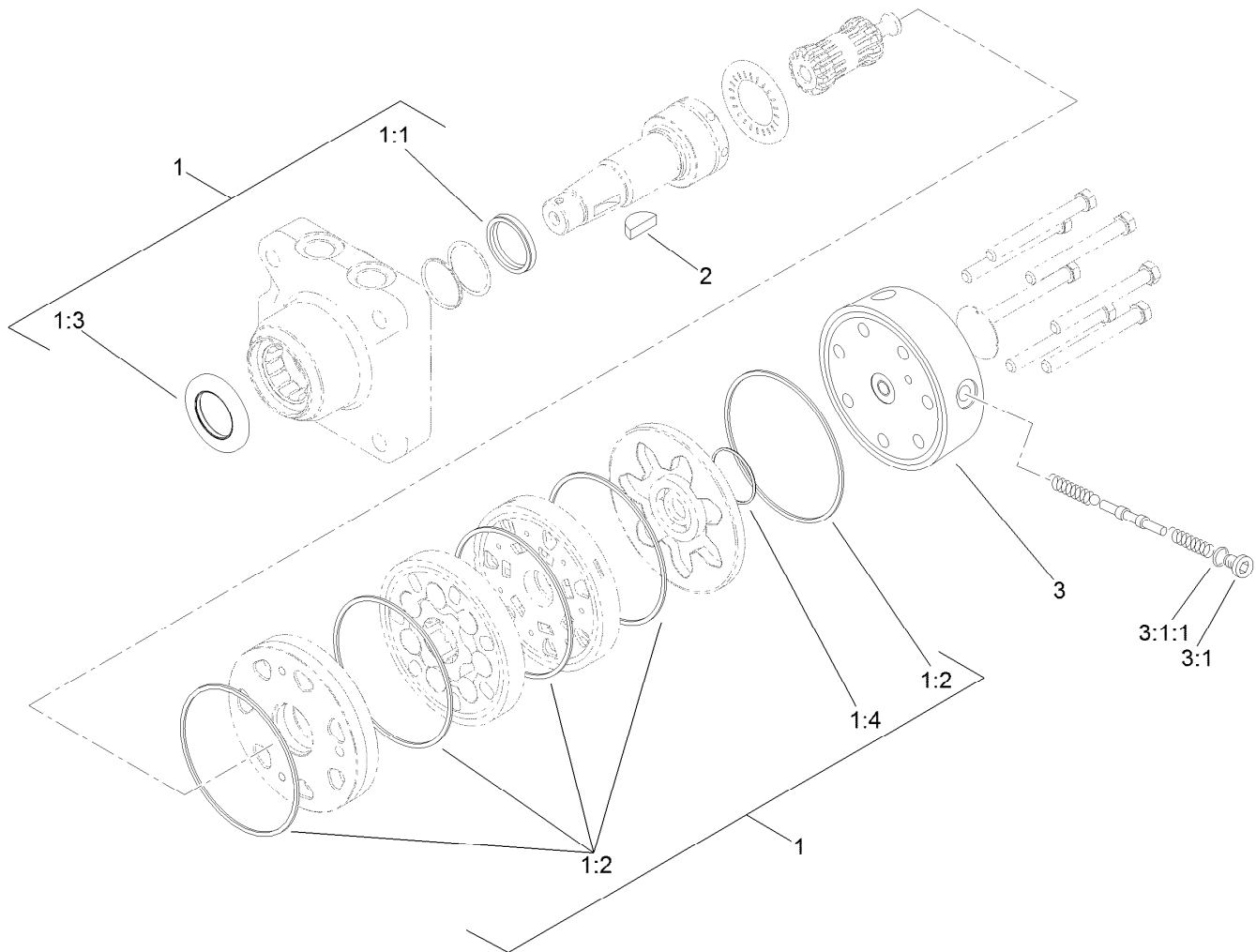
| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------------------|------|-------------|------|--------------------------|
| 1 | 323-7 | 1 | Screw-HH | 24 | 19-1470 | 1 | Screw-Shoulder |
| 2 | 3256-3 | 3 | Washer-Flat | 25 | 32120-47 | 2 | Ring-Retaining, External |
| 3 | 32151-47 | 1 | Ring-Retaining | 26 | 256-257 | 2 | Bushing-Nyliner |
| 4 | 108-7991-03 | 1 | Lever-Brake | 27 | 108-7979-03 | 1 | Bellcrank |
| 5 | 108-7994 | 1 | Bushing-Pivot, Lever | 28 | 104-8300 | 4 | Nut-HF, NI |
| 6 | 121-2520 | 1 | Brake Lever Bracket ASM | 29 | 108-7983 | 1 | Bushing-Cable |
| 7 | 104-8301 | 1 | Nut-HF, NI | 30 | 66-4270 | 1 | Spring-Extension |
| 8 | 322-11 | 2 | Screw-HH | 32 | 108-2947 | 1 | HYD Motor ASM (CCW) |
| 9 | 3256-23 | 2 | Washer-Plain | 33 | 125-1967 | 2 | Bracket-Brake, Park |
| 10 | 121-4605 | 2 | Washer-Spring | 34 | 3253-7 | 8 | Washer-Lock |
| 11 | 21-1880 | 1 | Grip-Handle | 35 | 325-10 | 8 | Screw-HH |
| 12 | 108-2949 | 1 | HYD Motor ASM (CW) | 36 | 85-6540 | 8 | Stud-Drive |
| 13 | 108-7913 | 1 | Cable-Brake, Park | 37 | 108-7977-03 | 2 | Hub-Wheel |
| 14 | 108-7987 | 2 | Link-Latch, Parking | 38 | 26-3790 | 2 | Nut-Lock |
| 17 | 3290-307 | 4 | Pin-Cotter | 39 | 95-0621 | 2 | Wheel And Tire ASM |
| 19 | 107-3376 | 2 | Spring-Compression | 39:1 | 5108 | 1 | Valve |
| 21 | 19-1471 | 1 | Screw-Shoulder | 39:2 | 85-8290 | 1 | Tire-2Ply, Knobby |
| 22 | 114-0631 | 2 | Clevis-Latch, Parking | 39:3 | 94-6116 | 1 | Wheel-Rear |
| 23 | 108-7986-03 | 2 | Bar-Brake | 40 | 242-50 | 8 | Nut-Lug |



Hydraulic Motor Assembly No. 108-2949

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------------|
| 1 | 110-6459 | 1 | Seal Kit |
| 1:1 | | 1 | Seal-Shaft ● |
| 1:2 | | 5 | Seal-Body ● |
| 1:3 | | 1 | Seal-Dirt/Water ● |
| 1:4 | | 1 | Seal-Commutator ● |
| 2 | 3257-42 | 1 | Key-Woodruff |

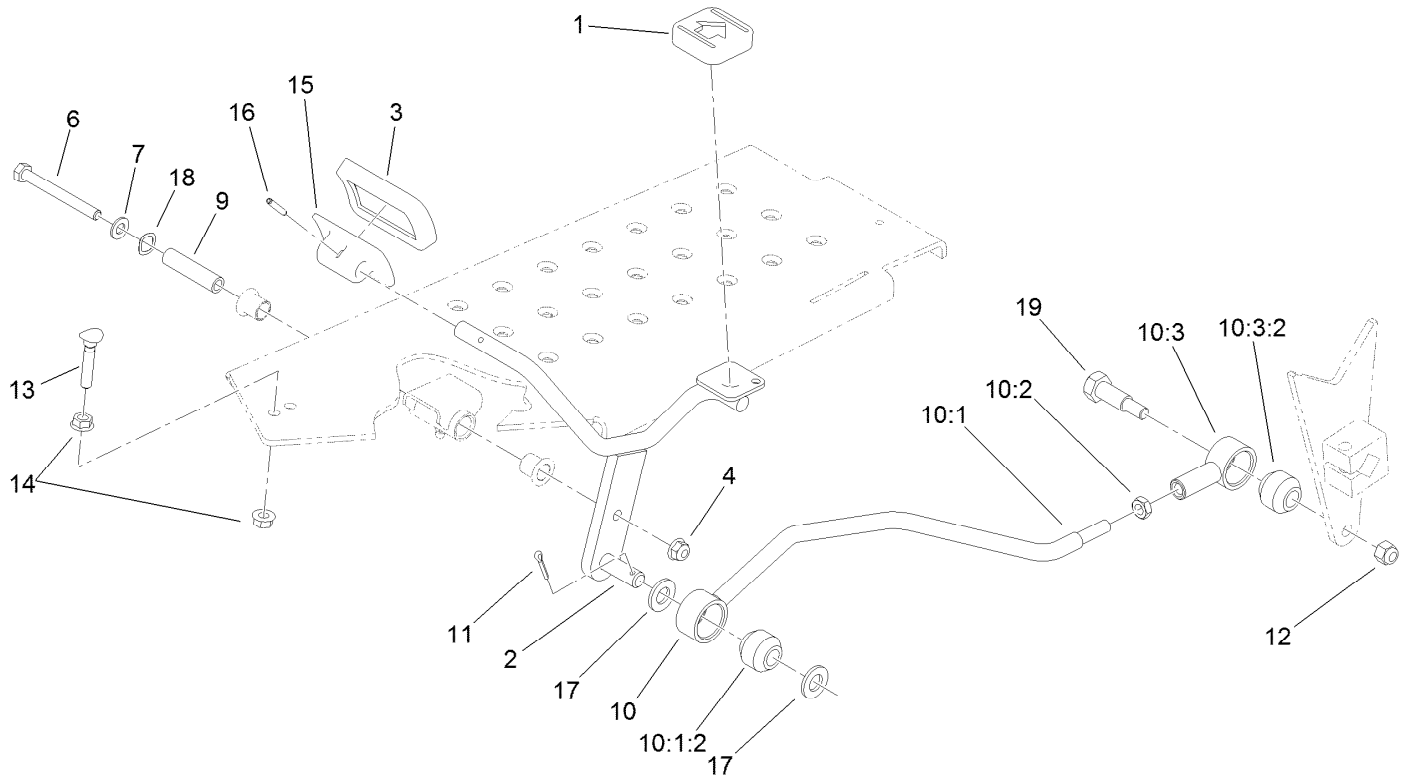
● Not serviced separately



Hydraulic Motor Assembly No. 108-2947

| Ref. | Part Number | Qty. | Description |
|-------|-------------|------|-------------------|
| 1 | 110-6459 | 1 | Seal Kit |
| 1:1 | | 1 | Seal-Shaft ● |
| 1:2 | | 5 | Seal-Body ● |
| 1:3 | | 1 | Seal-Dirt/Water ● |
| 1:4 | | 1 | Seal-Commutator ● |
| 2 | 3257-42 | 1 | Key-Woodruff |
| 3 | 110-3381 | 1 | End Cover ASM |
| 3:1 | 353-990 | 1 | Plug ASM |
| 3:1:1 | 237-78 | 1 | O-Ring |

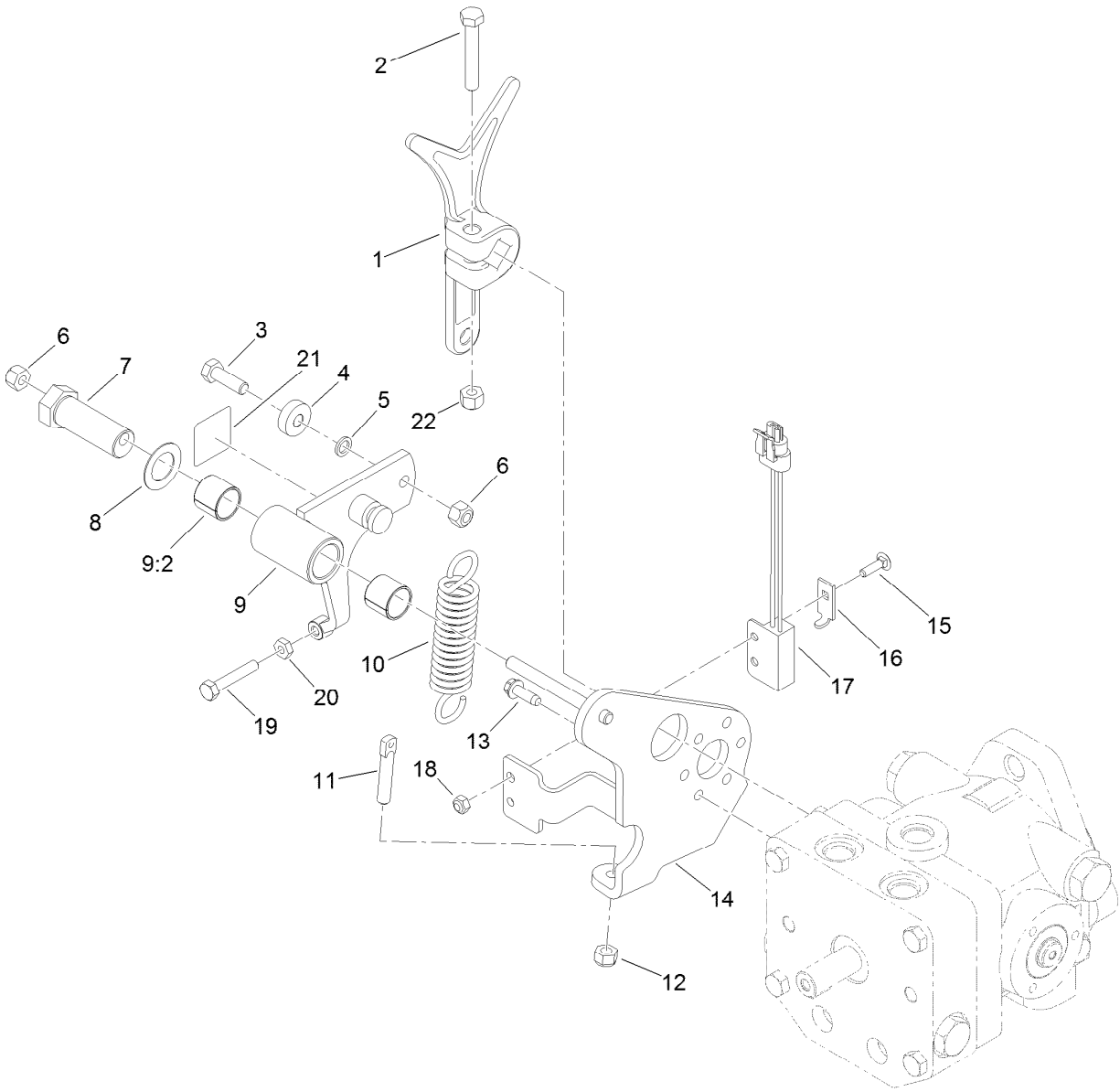
● Not serviced separately



Traction Pedal Assembly

| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|--------|-------------|------|--------------------|--------|-------------|------|----------------------|
| 1 | 74-9110 | 1 | Pad-Pedal, Reverse | 10:3 | 115-5623 | 1 | Isolated Rod End ASM |
| 2 | 108-5498-01 | 1 | Pedal | 10:3:2 | 23-2270 | 1 | Bushing-Rubber |
| 3 | 74-9100 | 1 | Pad-Pedal, Forward | 11 | 3272-10 | 1 | Pin-Cotter |
| 4 | 104-8300 | 1 | Nut-HF, NI | 12 | 3296-39 | 1 | Nut-Lock, NI |
| 6 | 322-14 | 1 | Screw-HH | 13 | 17-9420 | 1 | Screw-Handle |
| 7 | 3256-23 | 1 | Washer-Plain | 14 | 32128-20 | 2 | Nut-HF |
| 9 | 85-8960 | 1 | Spacer | 15 | 117-9507 | 1 | Pedal-Accelerator |
| 10 | | 1 | Traction Rod ASM ● | 16 | 32121-45 | 1 | Pin-Spring |
| 10:1 | 115-5626 | 1 | Rod ASM | 17 | 106-9888 | 2 | Washer-Flat |
| 10:1:2 | 23-2270 | 1 | Bushing-Rubber | 18 | 108473 | 1 | Washer-Wave |
| 10:2 | 3220-3 | 1 | Nut-HJ | 19 | 117-4698 | 1 | Screw-Shoulder, HH |

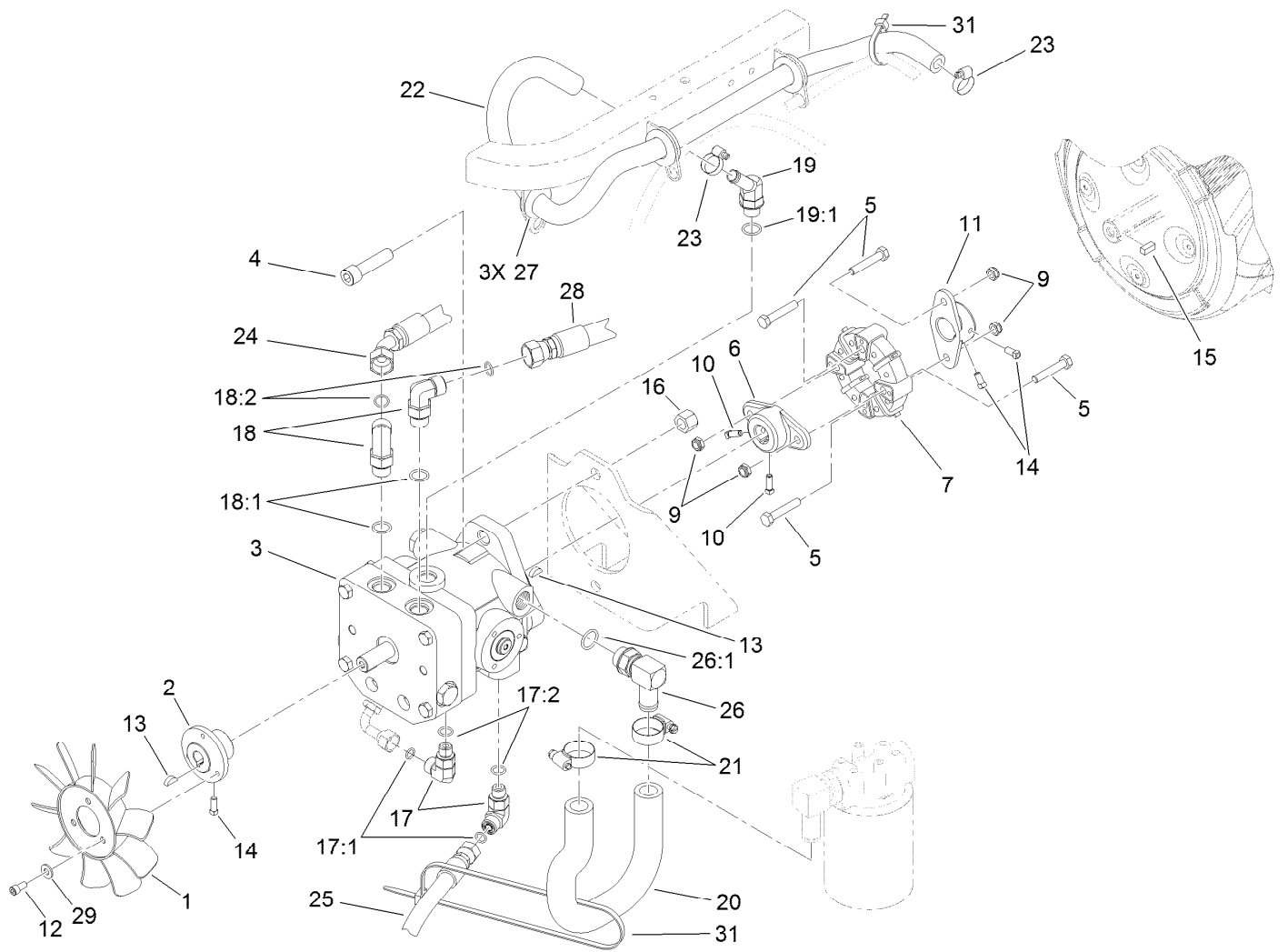
● Not serviced separately



Pump Control Lever Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------------|
| 1 | 131-4399 | 1 | Lever, Pump |
| 2 | 323-11 | 1 | Screw-HH |
| 3 | 322-5 | 1 | Screw-HH |
| 4 | 251-307 | 1 | Bearing-Ball |
| 5 | 75-5470 | 1 | Spacer-Bearing |
| 6 | 3296-29 | 2 | Nut-Lock, NI |
| 7 | 76-8640 | 1 | Stud-Traction |
| 8 | 3-6498 | 1 | Washer-Thrust |
| 9 | 130-7832 | 1 | Arm ASM |
| 9:2 | 94-9609 | 2 | Bushing-Straight |
| 10 | 85-9030 | 1 | Spring-Extension |
| 11 | 18-6380 | 1 | Pin-Adjustment, Steering |

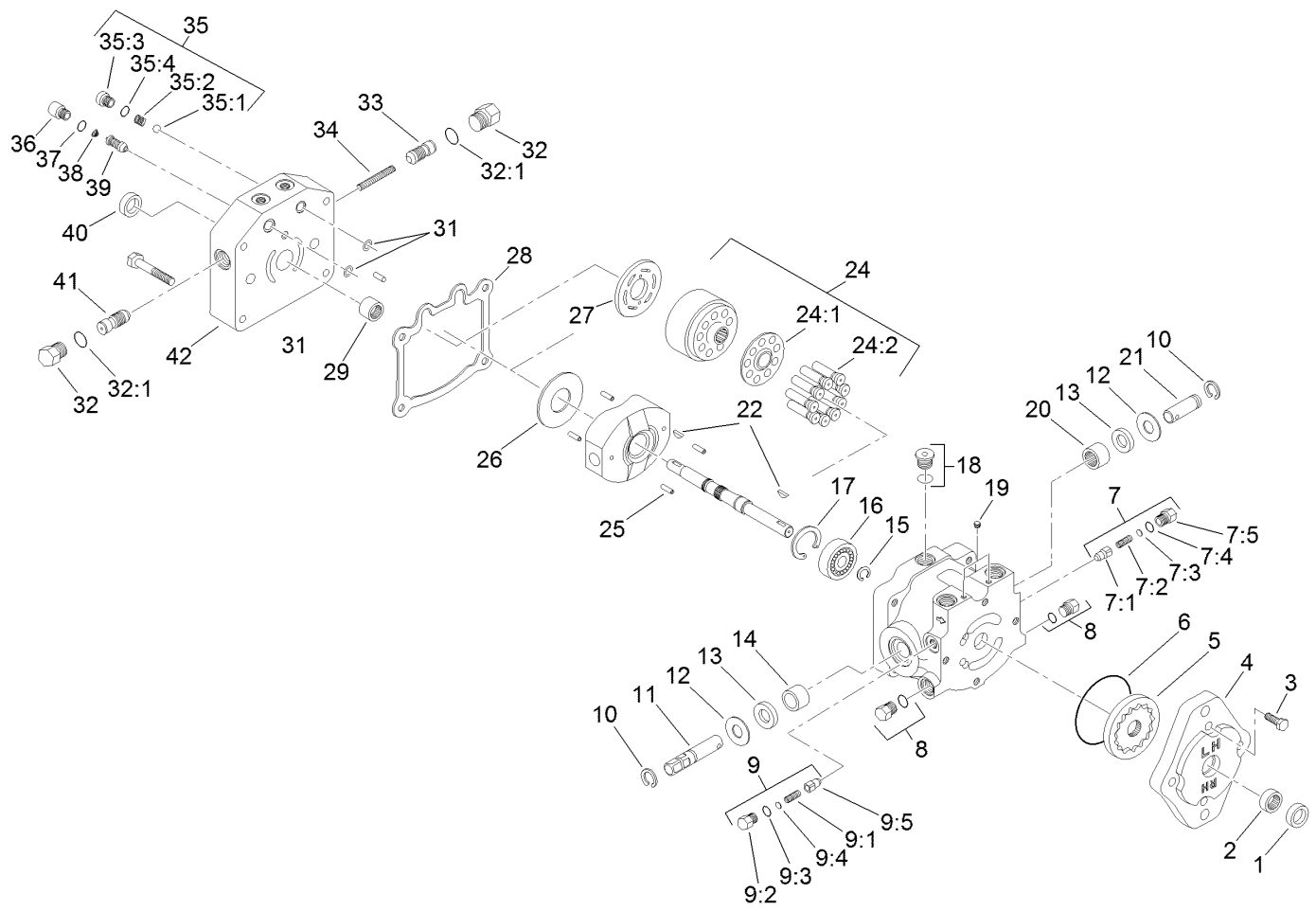
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|-----------------------|
| 12 | 3296-4 | 1 | Nut-Lock |
| 13 | 49-2040 | 3 | Screw-HWHTF |
| 14 | 108-5490-03 | 1 | Plate-Pump |
| 15 | 3229-20 | 1 | Screw-CARR |
| 16 | 100-4872 | 1 | Plate-Switch, Neutral |
| 17 | 105-0023 | 1 | Switch-Proximity |
| 18 | 3296-2 | 1 | Nut-Lock, NI |
| 19 | 321-43 | 1 | Capscrew |
| 20 | 3218-1 | 1 | Nut-Jam |
| 21 | 93-9051 | 1 | Decal-Bolt, Eccentric |
| 22 | 3296-39 | 1 | Nut-Lock, NI |



Pump and Coupling Assembly

| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|------|-------------|------|-----------------------|------|-------------|------|-----------------------|
| 1 | 1-633869 | 1 | Fan-Pump, Cooling | 18 | 340-98 | 2 | Fitting-Elbow, 90 DEG |
| 2 | 108-5484 | 1 | Hub-Fan | 18:1 | 237-79 | 1 | O-Ring |
| 3 | 132-4350 | 1 | Pump-Piston, Variable | 18:2 | 237-30 | 1 | O-Ring |
| 4 | 3274-5 | 2 | Screw-HSH | 19 | 354-126 | 1 | Fitting-Elbow, 45 |
| 5 | 322-9 | 4 | Screw-HH | 19:1 | 237-79 | 1 | O-Ring |
| 6 | 110-9695 | 1 | Hub-Pump | 20 | 108-5481 | 1 | Hose-Suction |
| 7 | 119-0652 | 1 | Coupler-Rubber | 21 | 2412-129 | 2 | Clamp-Hose |
| 9 | 3296-47 | 4 | Nut-Lock, NI | 22 | 110-1325 | 1 | Hose-Return |
| 10 | 3241-6 | 2 | Screw-SQH | 23 | 2412-36 | 2 | Clamp-Hose |
| 11 | 110-5236 | 1 | Hub-Engine | 24 | 108-8440 | 1 | Hose ASM |
| 12 | 3274-52 | 3 | Screw-HSH | 25 | 108-8428 | 1 | HYD Hose ASM |
| 13 | 3257-32 | 2 | Key-Woodruff | 26 | 87-8170 | 1 | Fitting-90 |
| 14 | 3241-7 | 4 | Screw-SQH | 26:1 | 237-80 | 1 | O-Ring |
| 15 | 85-9020 | 1 | Key-Square | 27 | 240-4 | 3 | Grommet-Rubber |
| 16 | 3296-23 | 2 | Nut-Lock, NI | 28 | 110-1322 | 1 | HYD Hose ASM |
| 17 | 340-77 | 2 | Fitting-Elbow, 90 DEG | 29 | 3256-22 | 3 | Washer-Flat |
| 17:1 | 237-22 | 1 | O-Ring | 31 | 3290-379 | 2 | Tie-Cable |
| 17:2 | 237-42 | 1 | O-Ring | | | | |

Variable Piston Pump Assembly No. 132-4350

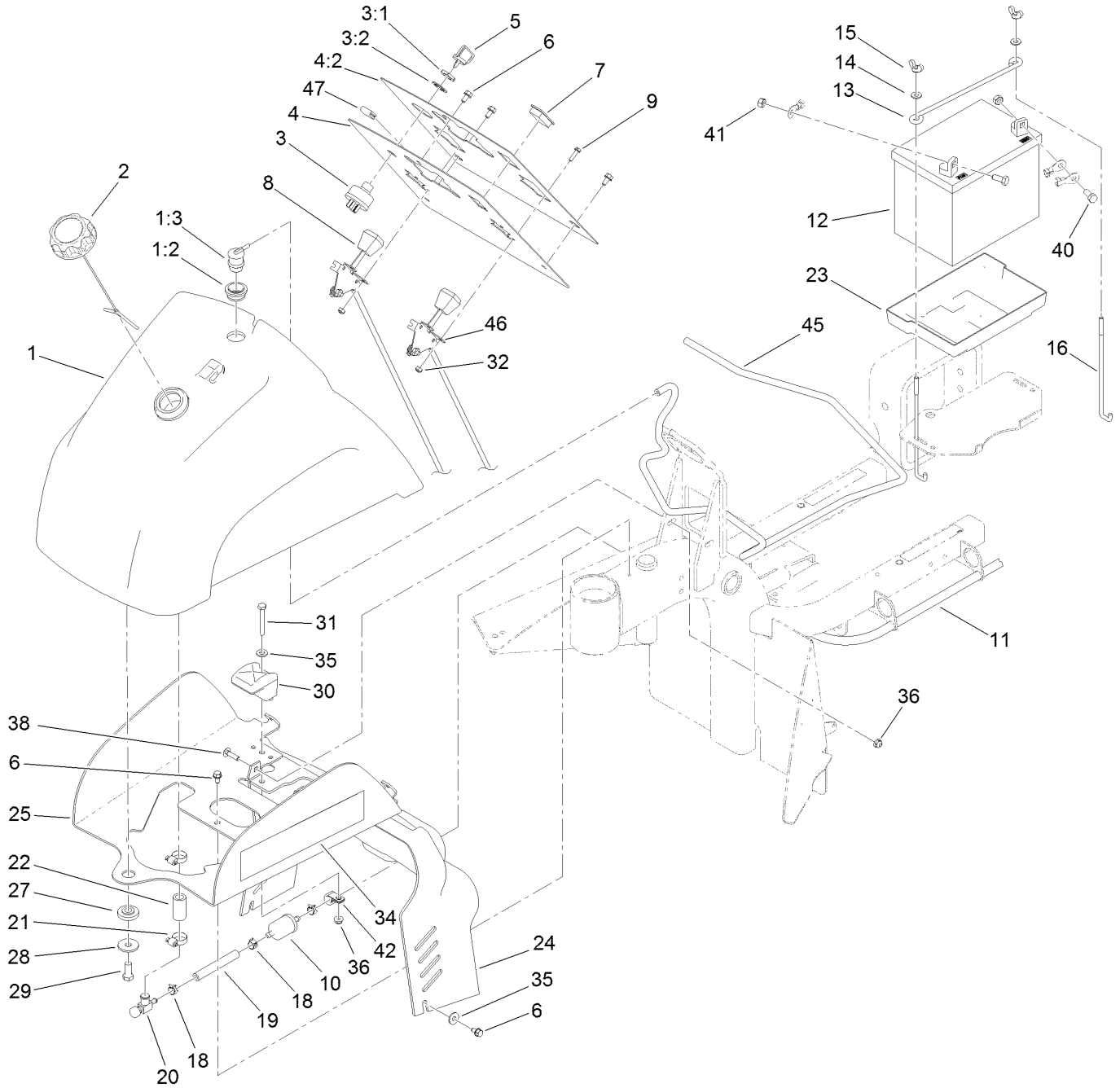


Variable Piston Pump Assembly No. 132-4350 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|--------------------|
| 1 | 93-4133 | 1 | Seal-Lip | 20 | 252-82 | 1 | Bearing-Needle |
| 2 | 67-8050 | 1 | Bearing-Needle | 21 | 25-2500 | 1 | Shaft-Trunnion |
| 3 | 322-4 | 4 | Screw-HH | 22 | 3257-32 | 2 | Key-Woodruff |
| 4 | 114-0611 | 1 | Housing-Pump, Charge | 24 | 48-1800 | 1 | Cylinder Block Kit |
| 5 | 95-5812 | 1 | Gerotor ASM | 24:1 | | 1 | Retainer-Slipper ● |
| 6 | 237-95 | 1 | O-Ring | 24:2 | | 9 | Piston ASM ● |
| 7 | 49-8520 | 1 | Implement Relief Kit | 25 | 32121-91 | 4 | Pin-Spring |
| 7:1 | 83-7260 | 1 | Cone-Relief, Charge | 26 | 25-2380 | 1 | Plate-Thrust |
| 7:2 | 25-2570 | 1 | Spring-Valve | 27 | 88-8160 | 1 | Plate-Valve |
| 7:3 | 25-2470 | 1 | Pack-Shim | 28 | 25-2400 | 1 | Gasket |
| 7:4 | 237-86 | 1 | O-Ring | 29 | 110-6341 | 1 | Bearing-Roller |
| 7:5 | 25-2460 | 1 | Plug-HH | 31 | 112-7652 | 2 | O-Ring |
| 8 | 67-8030 | 2 | Plug ASM | 32 | 28-3440 | 2 | Plug-Threaded |
| 9 | 49-8510 | 1 | Valve Kit | 32:1 | 75-0240 | 1 | O-Ring |
| 9:1 | 25-2480 | 1 | Spring-Valve | 33 | 98-0920 | 1 | Valve-Acceleration |
| 9:2 | 25-2460 | 1 | Plug-HH | 34 | 25-2610 | 1 | Spring-Valve |
| 9:3 | 237-86 | 1 | O-Ring | 35 | 99-5689 | 1 | Check Valve Kit |
| 9:4 | 25-2470 | 1 | Pack-Shim | 35:1 | 25-2490 | 1 | Ball |
| 9:5 | 83-7260 | 1 | Cone-Relief, Charge | 35:2 | 25-2640 | 1 | Spring-Valve |
| 10 | 32151-46 | 2 | Ring-Retaining | 35:3 | 25-2650 | 1 | Plug-Valve, Check |
| 11 | 88-8180 | 1 | Shaft-Trunnion | 35:4 | 237-86 | 1 | O-Ring |
| 12 | 25-2510 | 2 | Washer-Flat | 36 | 75-0190 | 1 | Plug-Special |
| 13 | 25-3210 | 2 | Seal-Lip | 37 | 75-0240 | 1 | O-Ring |
| 14 | 88-8190 | 1 | Bearing-Journal | 38 | 110-6342 | 1 | Spring |
| 15 | 32151-83 | 1 | Ring-Snap | 39 | 110-6343 | 1 | Valve-Scr |
| 16 | 95-5809 | 1 | Bearing-Ball | 40 | 132-4357 | 1 | Seal-Lip |
| 17 | 32151-75 | 1 | Ring-Retaining | 41 | 98-0920 | 1 | Valve-Acceleration |
| 18 | 67-9090 | 1 | Plug | 42 | 112-7651 | 1 | Cap-End |
| 19 | 75-0160 | 1 | Plug-Pipe | | | | |

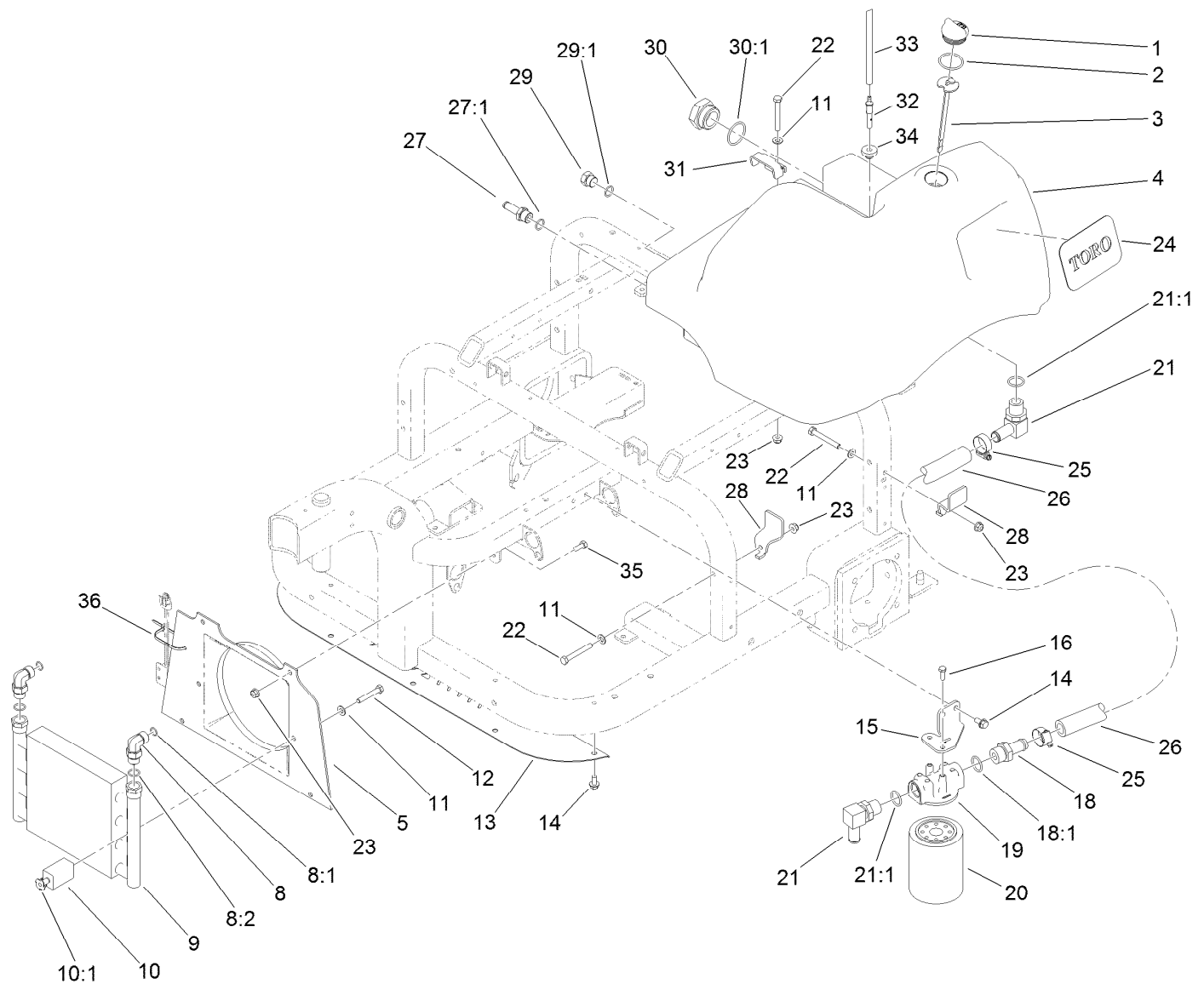
● Not serviced separately

Fuel Tank and Battery Assembly



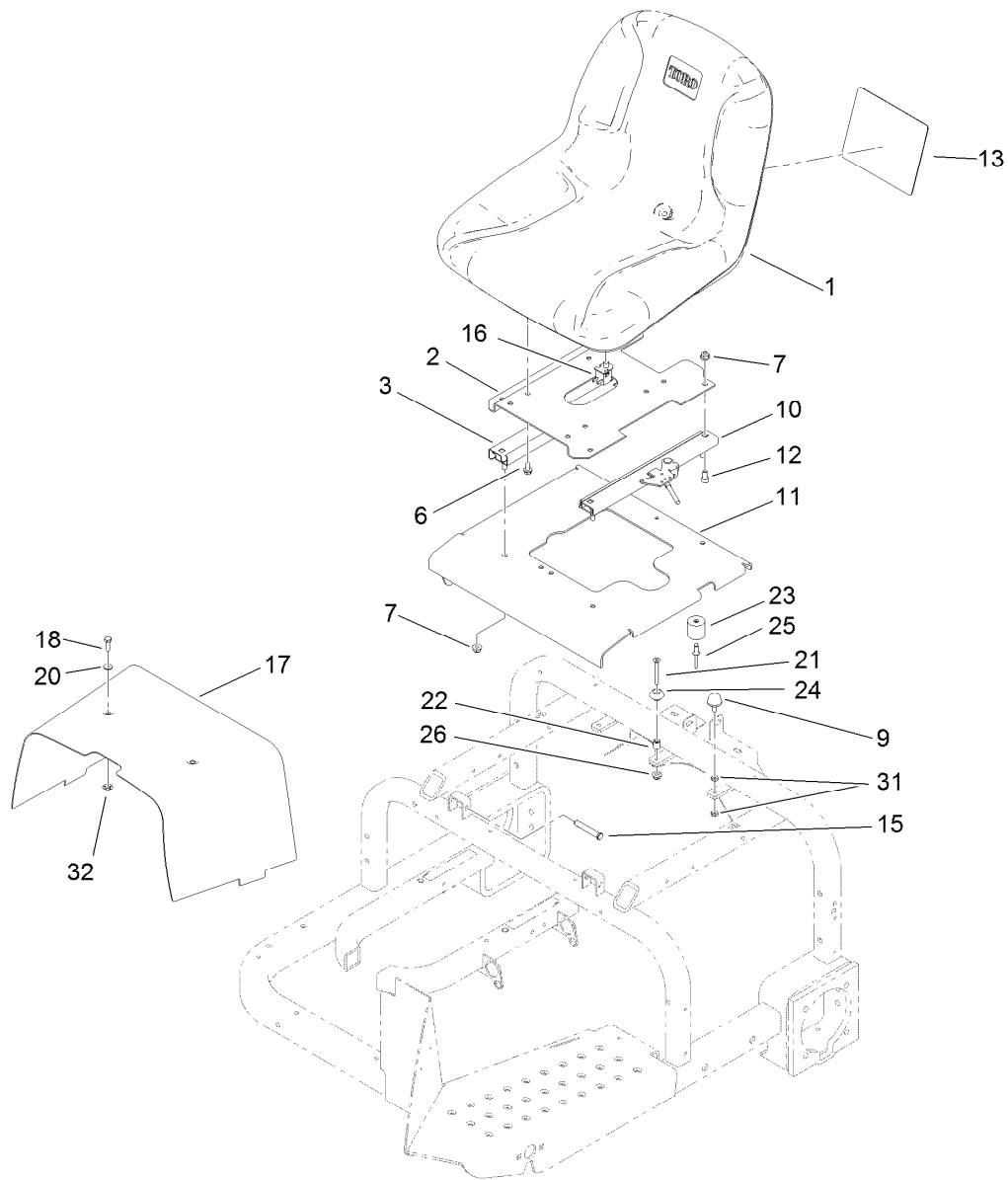
Fuel Tank and Battery Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|------------------------|-------------|--------------------|-------------|----------------------|
| 1 | 137-3367 | 1 | Fuel Tank ASM | 20 | 83-1390 | 1 | Valve-Shut-Off, Fuel |
| 1:2 | 114-0284 | 1 | Grommet | 21 | 2412-36 | 2 | Clamp-Hose |
| 1:3 | 114-0285 | 1 | Valve-Rollover | 22 | 110-3371 | 1 | Hose-Fuel |
| 2 | 126-1789 | 1 | Cap-Fuel, Ratcheting | 23 | 106948 | 1 | Tray-Battery |
| 3 | 83-0020 | 1 | Switch-Ignition | 24 | 108-6898 | 1 | Shroud-Dash |
| 3:1 | 218-461 | 1 | Nut-HH | 25 | 108-6895-01 | 1 | Bracket-Mount, Tank |
| 3:2 | 3254-5 | 1 | Washer-Tooth, Internal | 27 | 240-11 | 1 | Bushing-Flange |
| 4 | 137-3388 | 1 | Control Panel ASM | 28 | 63-8410 | 1 | Washer |
| 4:2 | 137-3387 | 1 | Decal-Dash | 29 | 323-5 | 1 | Screw-HH |
| 5 | 63-8360 | 2 | Key-Ignition | 30 | 107-4543 | 2 | Clamp |
| 6 | 32144-10 | 6 | Screw-HWH | 31 | 321-18 | 2 | Screw-HH |
| 7 | 99-7420 | 1 | Plug-Hole | 32 | 3296-2 | 4 | Nut-Lock, NI |
| 8 | 119-7188 | 1 | Throttle Cable ASM | 34 | 108-8420 | 2 | Decal |
| 9 | 3290-321 | 4 | Screw-HWH | 35 | 3256-78 | 4 | Washer-Flat |
| 10 | 94-2690 | 1 | Filter-Fuel | 36 | 104-7201 | 4 | Nut-HF |
| 11 | 110-3372 | 1 | Hose-Fuel | 38 | 3229-1 | 2 | Bolt-CARR |
| 12 | 104-8162 | 1 | Battery-Dry | 40 | 322-3 | 2 | Screw-HH |
| 13 | 100-6434 | 1 | Rod-Hold Down, Battery | 41 | 3217-6 | 2 | Nut-Hex |
| 14 | 3256-22 | 2 | Washer-Flat | 42 | 92-6064 | 1 | Clamp-R |
| 15 | 32103-22 | 2 | Nut-Wing | 45 | 117-9568 | 1 | Hose-Vent, Tank |
| 16 | 100-6435 | 2 | Post-Battery | 46 | 119-7178 | 1 | Choke Cable ASM |
| 18 | 2412-98 | 4 | Clamp-Hose | 47 | 119-2494 | 1 | Seal-Strip |
| 19 | 109-0660 | 1 | Hose-Fuel | | | | |



Hydraulic Tank, Filter and Cooler Assembly

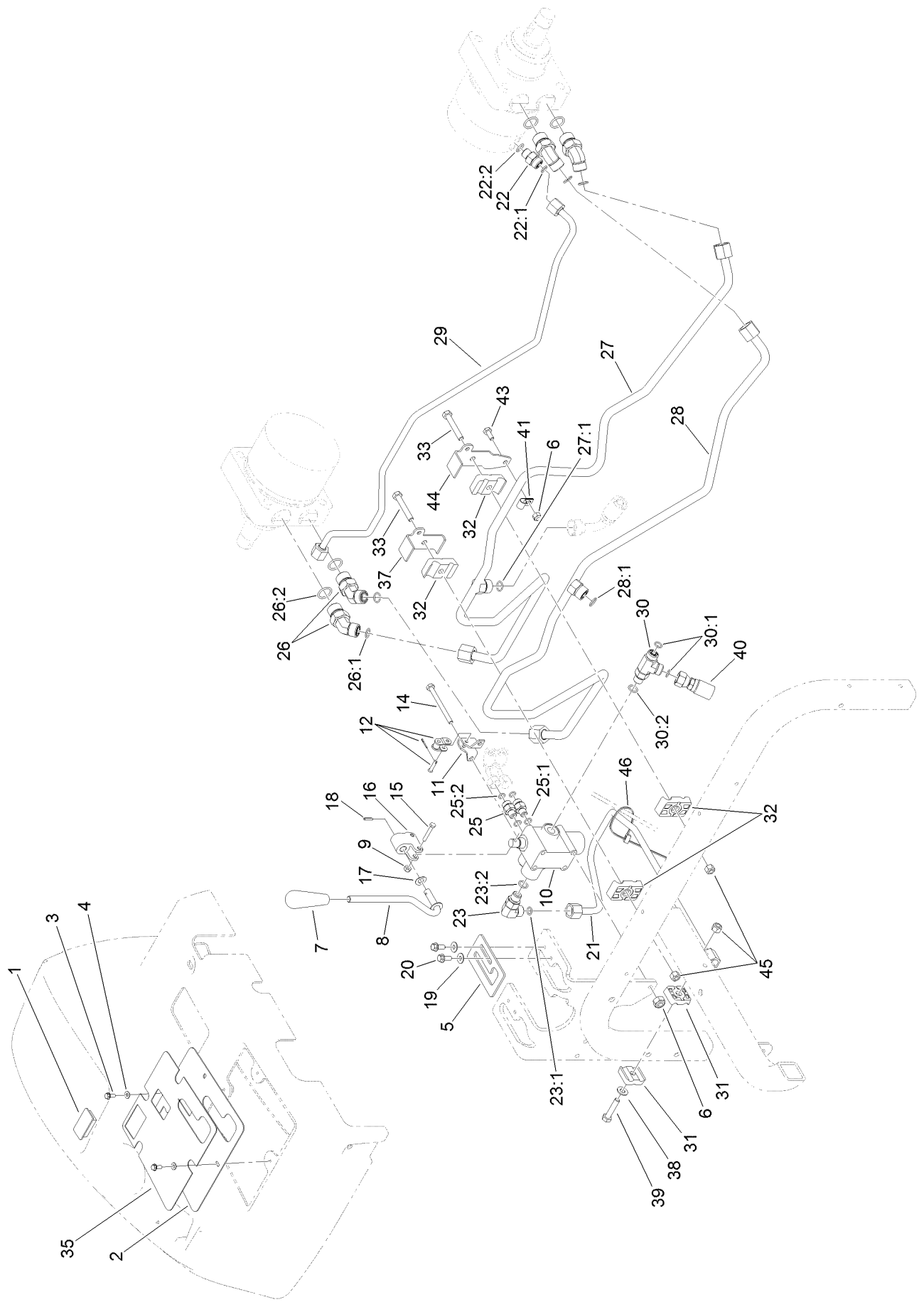
| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|------|-------------|------|--------------------------|------|-------------|------|--------------------|
| 1 | 93-7498 | 1 | Plug-Plastic | 21 | 353-987 | 2 | Fitting-Elbow, 90 |
| 2 | 237-101 | 1 | O-Ring | 21:1 | 237-81 | 1 | O-Ring |
| 3 | 108-7996 | 1 | Dipstick ASM | 22 | 322-12 | 5 | Screw-HH |
| 4 | 119-9040 | 1 | Tank-Hydraulic | 23 | 104-8300 | 9 | Nut-HF, NI |
| 5 | 108-5477 | 1 | Shroud-Fan | 24 | 108-8452 | 1 | Decal-Logo |
| 8 | 340-98 | 2 | Fitting-Elbow, 90 DEG | 25 | 2412-129 | 2 | Clamp-Hose |
| 8:1 | 237-79 | 1 | O-Ring | 26 | 108-5483 | 1 | Hose-Suction, Tank |
| 8:2 | 237-30 | 1 | O-Ring | 27 | 354-121 | 1 | Fitting-STR |
| 9 | 108-8457 | 1 | Cooler-Oil | 27:1 | 237-79 | 1 | O-Ring |
| 10 | 85-9550 | 2 | Rubber Clamp ASM | 28 | 108-7965 | 2 | Clamp-Tank, HYD |
| 10:1 | 85-9670 | 1 | Nut-T | 29 | 353-550 | 1 | Plug-HYD, HH |
| 11 | 3256-23 | 7 | Washer-Plain | 30 | 108-8468 | 1 | Plug-HH |
| 12 | 322-11 | 2 | Screw-HH | 30:1 | 237-101 | 1 | O-Ring |
| 13 | 121-2474-03 | 1 | Panel-Cooler | 31 | 108-7903 | 1 | Clamp-Tank |
| 14 | 32144-14 | 7 | Screw-HWHTF | 32 | 110-1372 | 1 | Fitting-Vent, Tank |
| 15 | 108-5482 | 1 | Bracket-Filter, Oil | 33 | 110-8181 | 1 | Hose-Fuel |
| 16 | 3234-4 | 2 | Screw-HHF | 34 | 46-6560 | 1 | Bushing |
| 18 | 354-73 | 1 | Fitting | 35 | 322-3 | 4 | Screw-HH |
| 18:1 | 237-81 | 1 | O-Ring | 36 | 3290-379 | 1 | Tie-Cable |
| 19 | 68-8990 | 1 | Head-Filter | | | | |
| 20 | 54-0110 | 1 | Filter-Oil, Transmission | | | | |



Seat and Shroud Assembly

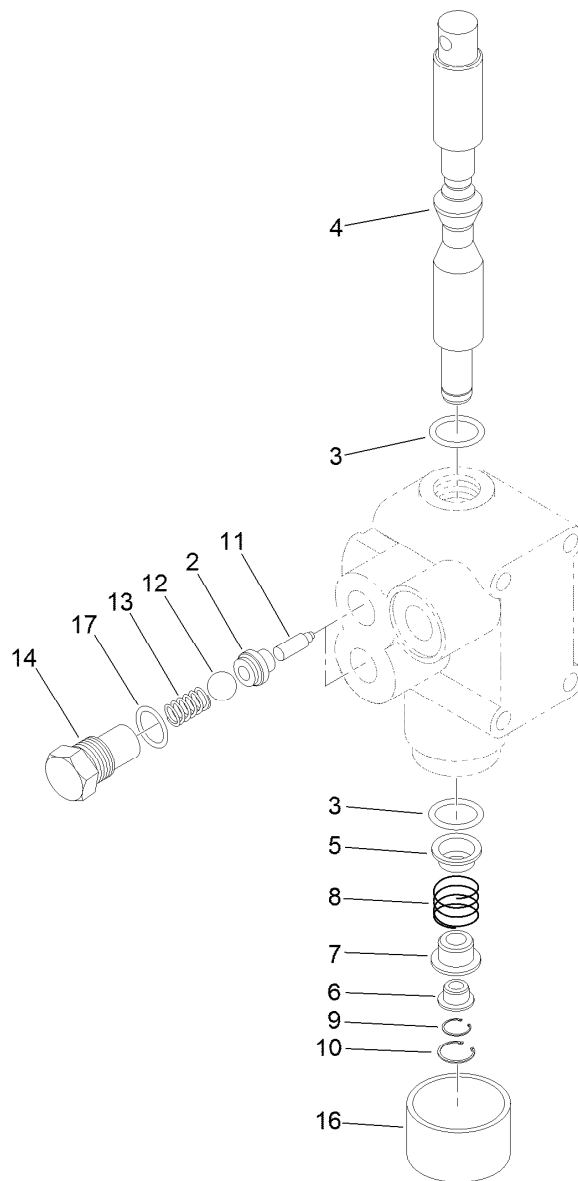
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1 | 108-6878 | 1 | Seat | 17 | 108-6859-01 | 1 | Shroud-Center |
| 2 | 108-7931-03 | 1 | Base-Seat | 18 | 321-5 | 2 | Screw-HH |
| 3 | 51-0780 | 1 | Slider-Seat | 20 | 3256-1 | 2 | Washer-Flat |
| 6 | 3234-14 | 4 | Screw-HHF | 21 | 363-1571 | 1 | Screw-PFH |
| 7 | 104-8300 | 8 | Nut-HF, NI | 22 | 609588 | 1 | Spacer |
| 9 | 1-523420 | 2 | Bumper | 23 | 99-7830 | 1 | Receptical-Rubber |
| 10 | 51-0790 | 1 | Adjuster-Seat, LH | 24 | 99-7833 | 1 | Post-Holding |
| 11 | 130-7834-03 | 1 | Base-Seat | 25 | 3290-412 | 1 | Rivet-Blind |
| 12 | 3274-12 | 4 | Screw-HSH | 26 | 104-7201 | 1 | Nut-HF |
| 13 | 132-4429 | 1 | Decal-Service | 31 | 3218-1 | 4 | Nut-Jam |
| 15 | 112-7153 | 2 | Pin | 32 | 106-8737 | 2 | Nut-Retainer |
| 16 | 82-2190 | 1 | Switch-Bail | | | | |

Lift Valve and Rear Tube Assembly



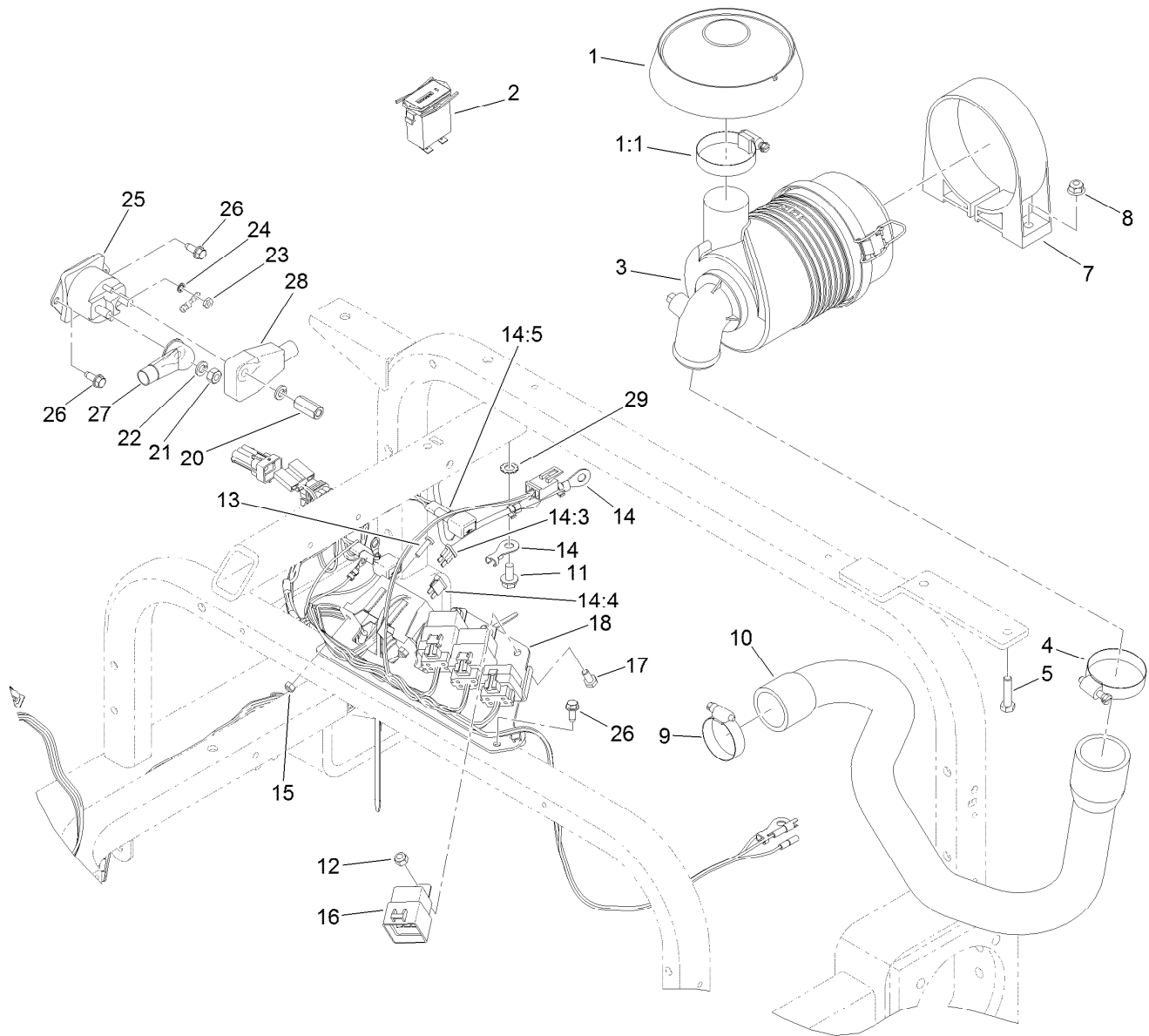
Lift Valve and Rear Tube Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|---------------------|
| 1 | 99-7420 | 1 | Plug-Hole | 25:1 | 237-78 | 1 | O-Ring |
| 2 | 108-7909-03 | 1 | Panel-Control | 25:2 | 237-21 | 1 | O-Ring |
| 3 | 3290-321 | 4 | Screw-HWH | 26 | 340-89 | 4 | Fitting-HYD, 45 DEG |
| 4 | 3256-51 | 4 | Washer-Flat | 26:1 | 237-30 | 1 | O-Ring |
| 5 | 108-7941 | 1 | Plate-Guide, Lever | 26:2 | 237-80 | 1 | O-Ring |
| 6 | 3296-42 | 4 | Nut-Lock, NI | 27 | 108-8406 | 1 | Tube ASM |
| 7 | 98-0152 | 1 | Knob-Tapered | 27:1 | 237-30 | 1 | O-Ring |
| 8 | 108-7942 | 1 | Rear Lever ASM | 28 | 110-1323 | 1 | Tube ASM |
| 9 | 3296-2 | 2 | Nut-Lock, NI | 28:1 | 237-30 | 1 | O-Ring |
| 10 | 121-9070 | 1 | Valve ASM | 29 | 110-1330 | 1 | Tube ASM |
| 11 | 88-8480 | 1 | Bracket-Pivot | 30 | 340-86 | 1 | Fitting-Tee |
| 12 | 2710-20 | 1 | Link-Offset | 30:1 | 237-22 | 2 | O-Ring |
| 14 | 321-23 | 3 | Screw-HH | 30:2 | 237-42 | 1 | O-Ring |
| 15 | 3290-360 | 2 | Screw-HH | 31 | 56-7973 | 2 | Clamp-Tube |
| 16 | 125-1944 | 1 | Pivot-Hinge | 32 | 56-7976 | 4 | Clamp-Tube |
| 17 | 3290-477 | 1 | Washer-Curved | 33 | 322-10 | 2 | Screw-HH |
| 18 | 32121-73 | 1 | Pin-Roll | 35 | 108-8484 | 1 | Decal-Lift, Rear |
| 19 | 3256-1 | 2 | Washer-Flat | 37 | 110-1333 | 1 | Bracket-Clamp |
| 20 | 3234-33 | 2 | Screw-HHF | 38 | 3256-23 | 1 | Washer-Plain |
| 21 | 108-8416 | 1 | Tube ASM | 39 | 322-7 | 1 | Screw-HH |
| 22 | 340-2 | 1 | Fitting-Straight | 40 | 108-8426 | 1 | Hose ASM |
| 22:1 | 237-22 | 1 | O-Ring | 41 | 2412-89 | 1 | Clamp-R |
| 22:2 | 237-42 | 1 | O-Ring | 43 | 321-3 | 1 | Screw-HH |
| 23 | 340-77 | 1 | Fitting-Elbow, 90 DEG | 44 | 110-1332 | 1 | Bracket-Clamp |
| 23:1 | 237-22 | 1 | O-Ring | 45 | 3296-29 | 3 | Nut-Lock, NI |
| 23:2 | 237-42 | 1 | O-Ring | 46 | 3290-378 | 1 | Tie-Cable |
| 25 | 340-92 | 2 | Fitting-Straight | | | | |



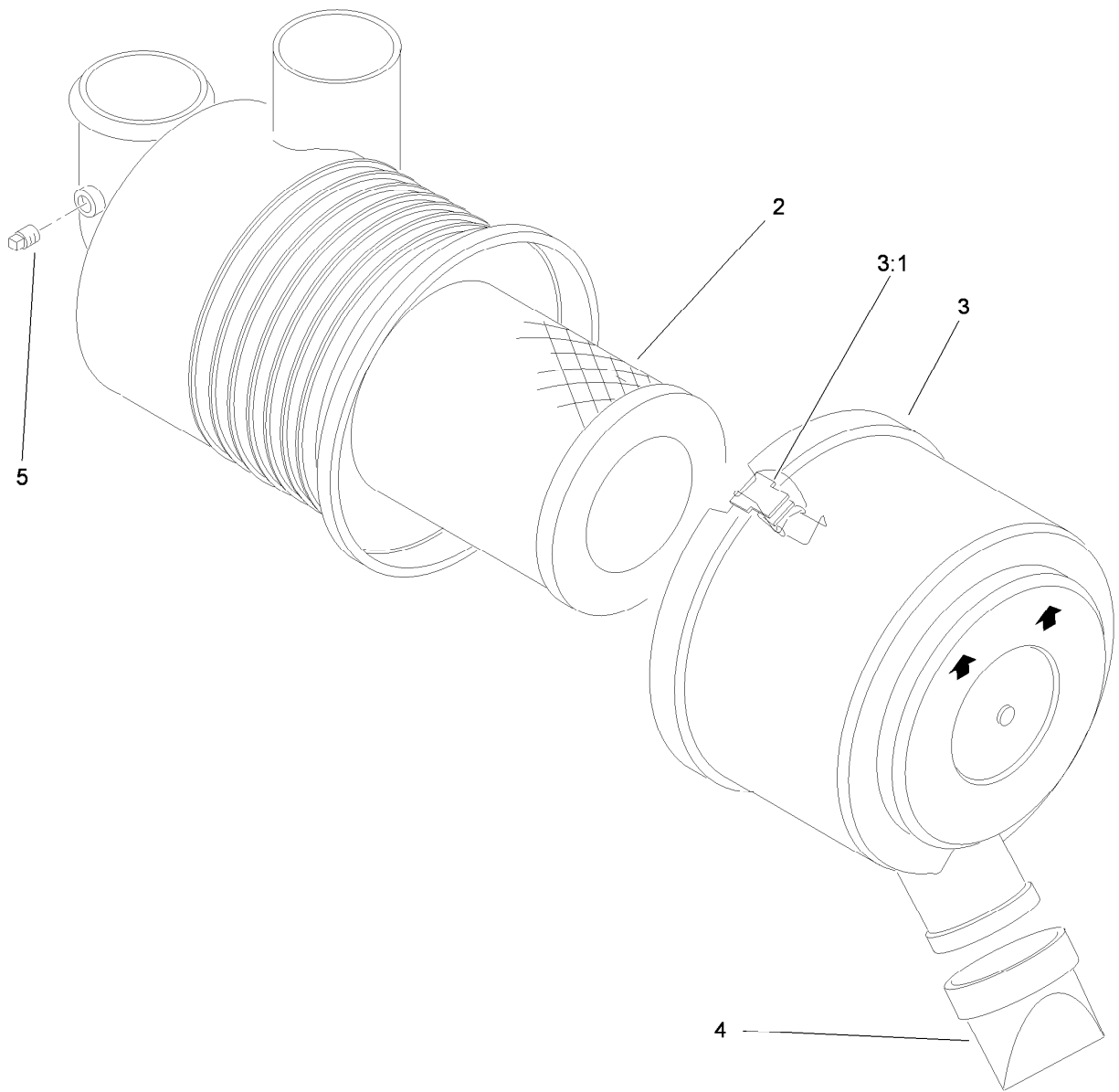
Hydraulic Valve Assembly No. 121-9070

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 2 | 22-8370 | 2 | Seat-Valve |
| 3 | 22-8500 | 2 | O-Ring |
| 4 | 22-8420 | 1 | Spool |
| 5 | 22-8380 | 1 | Retainer |
| 6 | 22-8400 | 1 | Spacer |
| 7 | 22-8390 | 1 | Retainer |
| 8 | 22-8410 | 1 | Spring |
| 9 | 22-8480 | 1 | Ring-Snap |
| 10 | 22-8490 | 1 | Ring-Snap |
| 11 | 22-8360 | 2 | Pin |
| 12 | 22-8350 | 2 | Ball |
| 13 | 22-8340 | 2 | Spring |
| 14 | 22-8330 | 2 | Plug |
| 16 | 138-2229 | 1 | Cap |
| 17 | 237-42 | 2 | O-Ring |



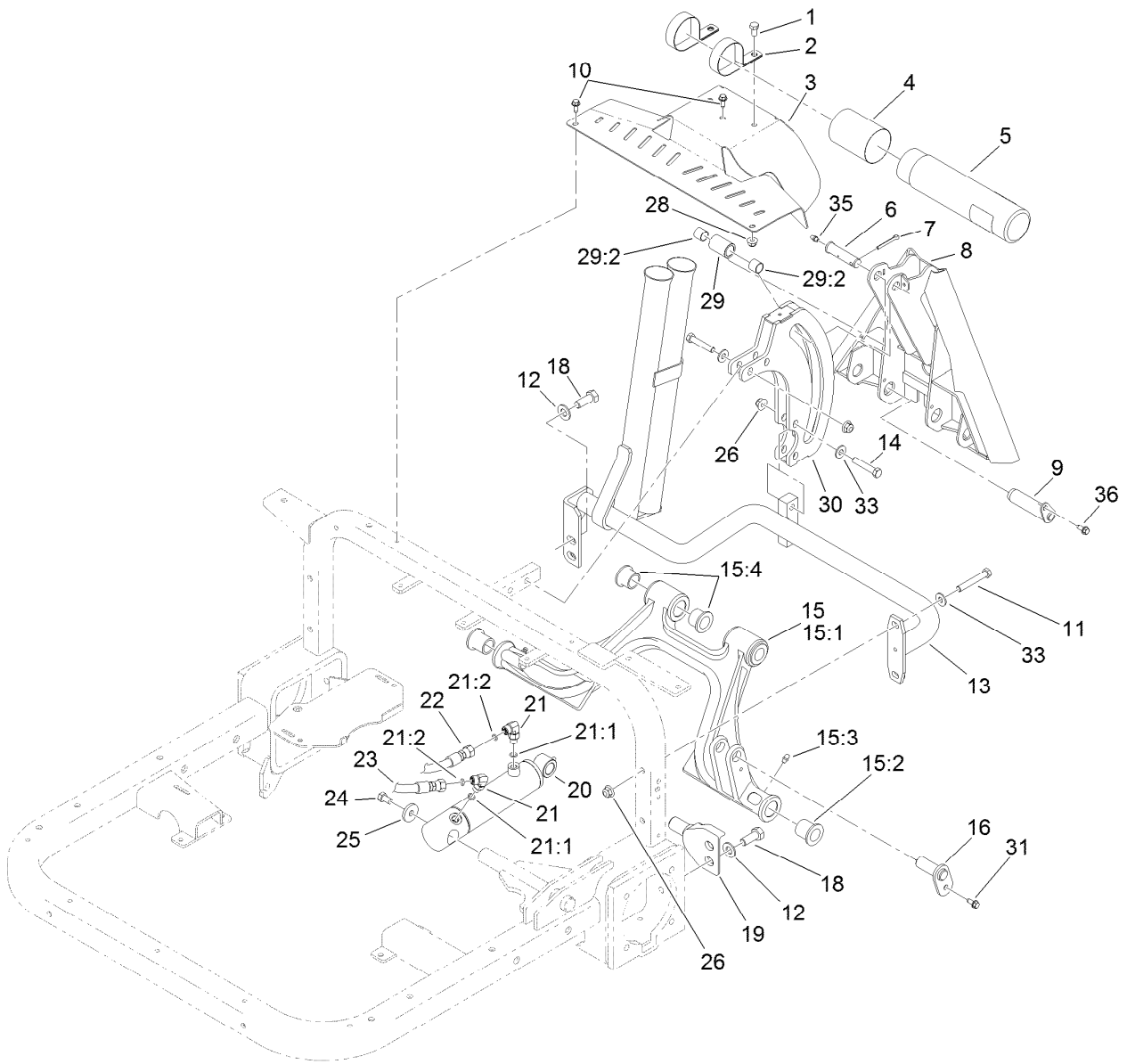
Wire Harness, Air Cleaner and Hose Assembly

| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|------|-------------|------|-----------------------|------|-------------|------|-------------------------|
| 1 | 136-7859 | 1 | Rain Cap Kit | 14:5 | 100-4918 | 2 | Diode |
| 1:1 | 1-643009 | 1 | Clamp-Hose | 15 | 3296-2 | 2 | Nut-Lock, NI |
| 2 | 1-513374 | 1 | Meter-Hour | 16 | 99-7430 | 3 | Relay - Mini 280 |
| 3 | 93-2190 | 1 | Air Cleaner ASM | 17 | 321-3 | 3 | Screw-HH |
| 4 | 2412-92 | 1 | Clamp-Hose | 18 | 112-1444-01 | 1 | Bracket-Relay |
| 5 | 322-6 | 2 | Screw-HH | 20 | 110-3380 | 1 | Nut-Standoff |
| 7 | 95-5806 | 1 | Bracket-Mounting | 21 | 3218-13 | 1 | Nut-Jam, Brass |
| 8 | 104-8300 | 2 | Nut-HF, NI | 22 | 3253-4 | 2 | Washer-Lock |
| 9 | 2412-3 | 1 | Clamp-Hose | 23 | 3219-14 | 2 | Nut-Hex |
| 10 | 117-9576 | 1 | Hose-Air | 24 | 3254-1 | 2 | Washer-Lock, Int |
| 11 | 32144-14 | 1 | Screw-HWHTF | 25 | 28-4210 | 1 | Solenoid |
| 12 | 3296-42 | 3 | Nut-Lock, NI | 26 | 32144-10 | 4 | Screw-HWH |
| 13 | 3250-13 | 2 | Screw-PPH | 27 | 110-3315 | 1 | Cable-Positive, Starter |
| 14 | 122-0836 | 1 | Harness-Wire, Sandpro | 28 | 110-3314 | 1 | Cable-Positive, Battery |
| 14:3 | 218-578 | 2 | Fuse-Blade, 10 Amp | 29 | 3255-9 | 1 | Washer-Lock |
| 14:4 | 109355 | 1 | Fuse-Blade, 15 Amp | | | | |



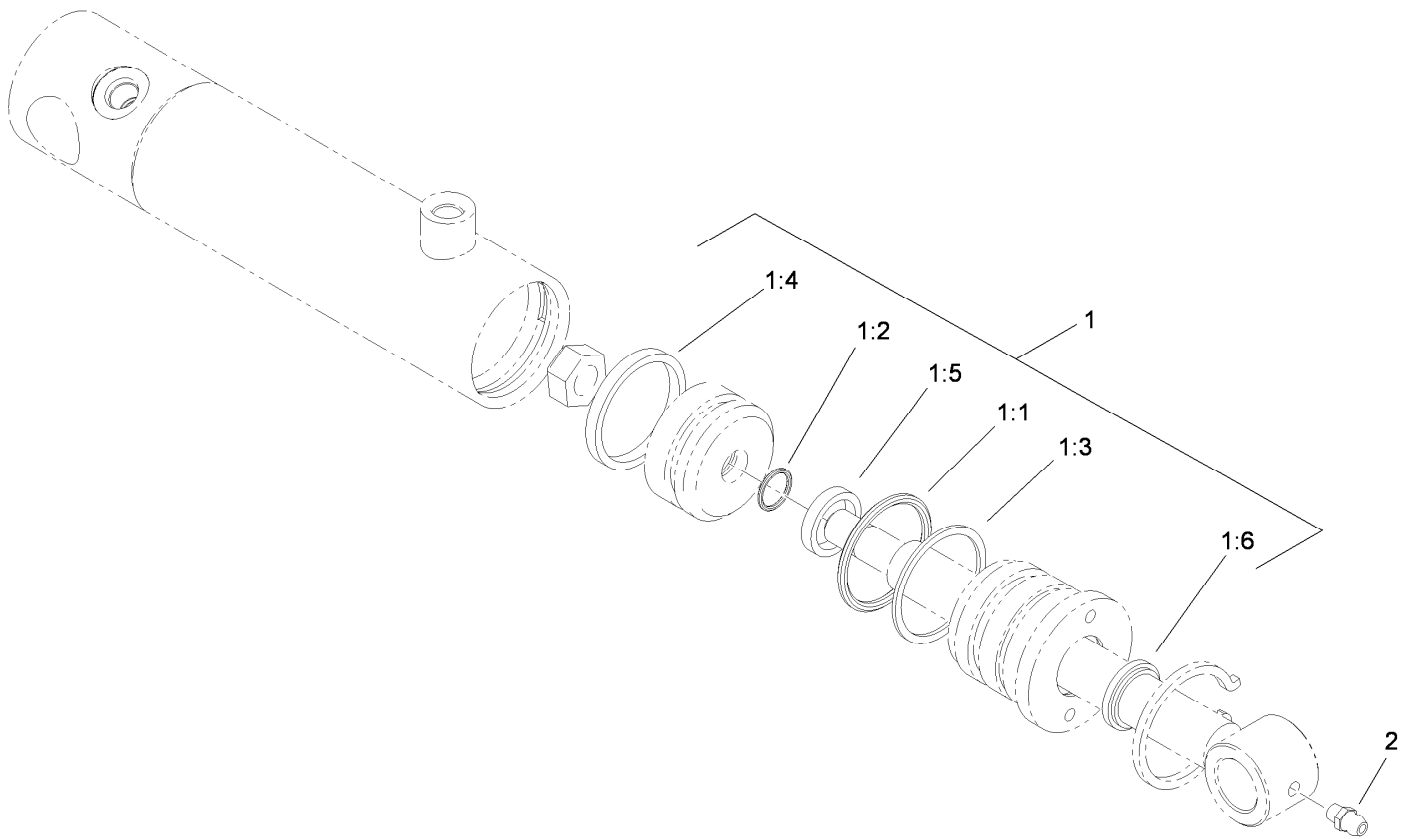
Air Cleaner Assembly No. 93-2190

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



Rear Hitch Assembly

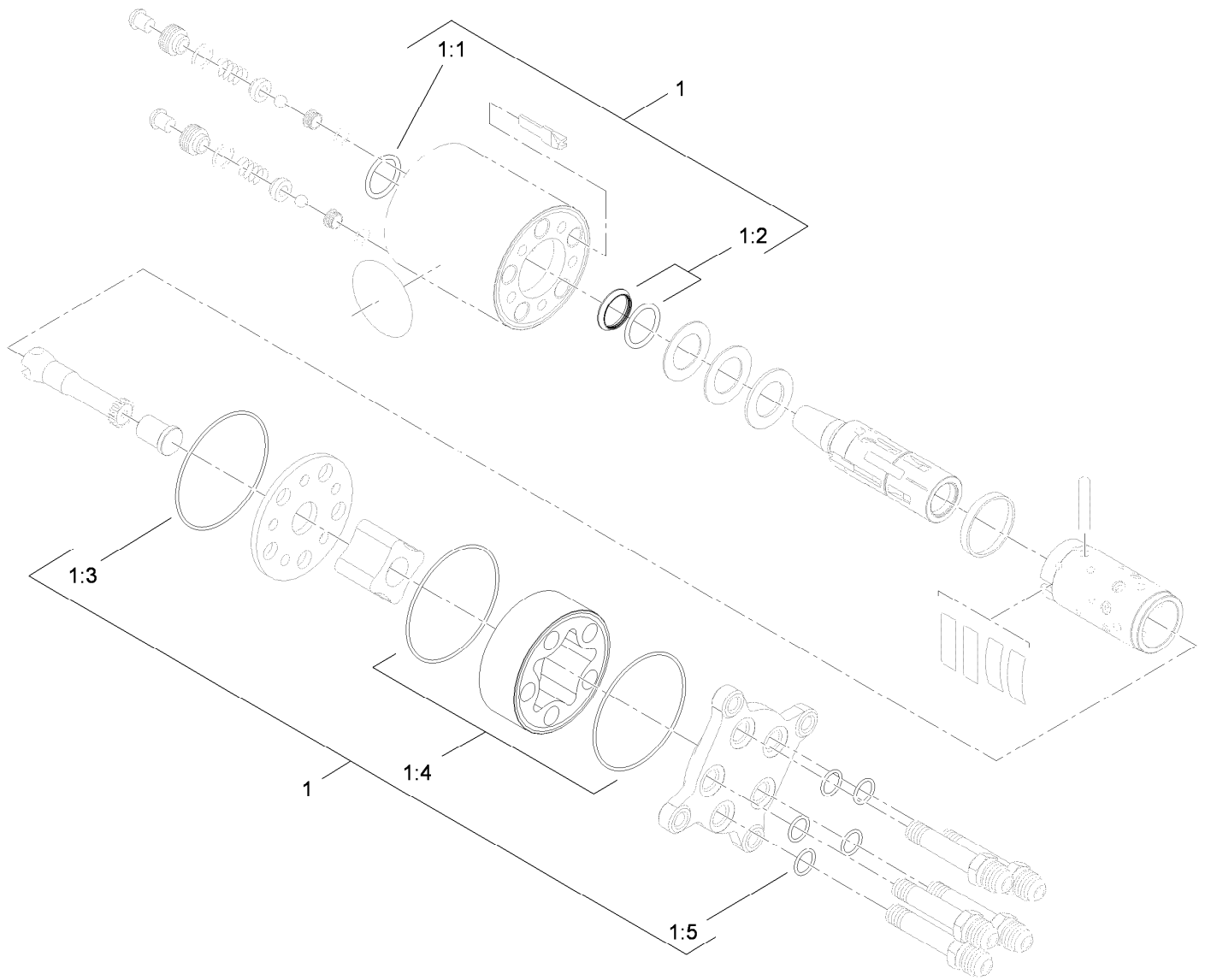
| Ref. | Part Number | Qty. | Description | Ref. | Part Number | Qty. | Description |
|------|-------------|------|----------------|------|-------------|------|-----------------------|
| 1 | 322-2 | 2 | Screw-HH | 18 | 325-5 | 4 | Screw-HH |
| 2 | 2412-133 | 2 | Clamp-R | 19 | 115-5618 | 2 | Pivot-Hub |
| 3 | 121-9081-01 | 1 | Cover-Rear | 20 | 115-5647 | 1 | HYD Lift Cylinder ASM |
| 4 | 104-7048 | 1 | Cap-Housing | 21 | 340-132 | 2 | Fitting-Elbow, 90 |
| 5 | 104-7050 | 1 | Tube-Manual | 21:1 | 237-78 | 1 | O-Ring |
| 6 | 108-2282 | 1 | Pin-Clevis | 21:2 | 237-21 | 1 | O-Ring |
| 7 | 3272-23 | 1 | Pin-Cotter | 22 | 95-8837 | 1 | Hose ASM |
| 8 | 130-7879-01 | 1 | Frame-Adapter | 23 | 100-3833 | 1 | Hose-HYD |
| 9 | 108-6885 | 2 | Pin ASM | 24 | 323-34 | 1 | Screw-HH |
| 10 | 32144-10 | 3 | Screw-HWH | 25 | 53-6380 | 1 | Washer-Flat |
| 11 | 323-12 | 2 | Screw-HH | 26 | 104-8301 | 6 | Nut-HF, NI |
| 12 | 3256-26 | 4 | Washer-Flat | 28 | 104-8300 | 2 | Nut-HF, NI |
| 13 | 120-3465-03 | 1 | Frame-Hitch | 29 | 108-5472 | 1 | Tube ASM |
| 14 | 323-10 | 4 | Screw-HH | 29:2 | 256-311 | 2 | Bushing-Split |
| 15 | 120-3457 | 1 | Rear Hitch ASM | 30 | 110-1368-01 | 1 | Plate-Roller |
| 15:1 | 115-5609-01 | 1 | Hitch | 31 | 32144-10 | 1 | Screw-HWH |
| 15:2 | 95-3577 | 2 | Bushing | 33 | 3256-3 | 6 | Washer-Flat |
| 15:3 | 302-5 | 4 | Fitting-Grease | 35 | 302-5 | 1 | Fitting-Grease |
| 15:4 | 33-3090 | 4 | Bushing | 36 | 99-8445 | 2 | Screw-HWH |
| 16 | 115-5648 | 1 | Pin-Flag | | | | |



Hydraulic Lift Cylinder Assembly No. 115-5647

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1 | 108-4597 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | | 1 | O-Ring ● |
| 1:3 | | 1 | Ring-Back Up ● |
| 1:4 | | 1 | Seal-Psp ● |
| 1:5 | | 1 | Seal-Rod ● |
| 1:6 | | 1 | Seal-Dust ● |
| 2 | 302-5 | 1 | Fitting-Grease |

● Not serviced separately



Steering Valve Assembly No. 108-2924

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1 | 106-6716 | 1 | Seal Kit |
| 1:1 | | 1 | Ring-Seal, Dust ● |
| 1:2 | | 1 | Seal-Shaft ● |
| 1:3 | | 1 | O-Ring ● |
| 1:4 | | 2 | O-Ring ● |
| 1:5 | | 5 | O-Ring ● |

● Not serviced separately

Attachments and Accessories

For 08703 Sand Pro 3040 Traction Unit

| Product Name | Model/Part |
|---|-------------------|
| Midmount Toolbar System | 08731 |
| Tooth Rake | 08751 |
| Spring Rake | 08752 |
| Rear Broom | 08753 |
| Finish Grader | 08754 |
| Manual Blade | 08714 |
| Spiker | 08755 |
| Drag Mat Carrier System | 08756 |
| Debris Blower | 08759 |
| Rear Remote Hydraulic Kit | 08781 |
| Wheel and Tire Assembly | 121-9077 |
| Spark Arrestor Screen | 119-7185 |
| MVP Filter Kit | 30035 |
| Yellow Hydraulic Cap | 107-1576 |
| Draw Bar Hitch Assembly | 110-1375 |
| Light Kit | 110-1314 |
| Premium All Season Hydraulic Fluid (55 Gallon Drum) | 108-1177 |
| Speed Limiter Kit | 110-1371 |
| Premium All Season Hydraulic Fluid (5 Gallon Pail) | 108-1178 |
| Smooth Wheel and Tire ASM | 112-0034 |
| Drag Mat Assembly | 112-1424 |
| Variable Orifice Kit | 112-1433 |
| Premium All Purpose Grease (Tube) | 108-1190 |
| QAS Nail Drag | 08761 |
| QAS Bunker Pump | 08765 |
| Carbide Tine Pack | 119-2152 |
| Synthetic Turf Conditioner, Sand Pro/Infield Pro with QAS | 08790 |
| Turf Groomer, Sand Pro Traction Unit with QAS | 08794 |
| Yellow Hydraulic Fluid Cap (Tethered) | 107-2174 |
| Premium Engine Oil SAE 30 (Drum) | 108-1196 |
| Premium Engine Oil SAE 30 (Pail) | 108-1197 |

Notes:



Count on it.