Form No. 3460-192 Rev E

TORO®

Count on it.

Parts Catalog

# Greensmaster® 3300 TriFlex®

## Traction Unit

**Model No. 04510—Serial No. 414300000 and Up**

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

CE

*3460-192* E

# 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


Roll-Over Protection System Assembly . . . . . 4
Brake Cable Grommet Assembly . . . . . 5
Frame Assembly . . . . . 6
Platform Assembly . . . . . 7
Right Hand Support Platform Assembly . . . . . 8
Seatbase Assembly . . . . . 9
Steering Arm and Adjuster Assembly . . . . . 10
Brake Cable and Lever Assembly . . . . . 11
Back Wheel Assembly . . . . . 12
Hydraulic Cylinder Assembly No. 117-4480 . . . . . 13
Front Wheel Assembly . . . . . 14
Right Hand Brake Assembly No. 139-2722 . . . . . 15
Left Hand Brake Assembly No. 139-2721 . . . . . 16
Left Hand Wheel Motor Assembly No. 117-4303 . . . . . 17
Right Hand Wheel Motor Assembly No. 117-4302 . . . . . 18
Console and Reel Control Assembly . . . . . 19
Traction Interface Control Assembly . . . . . 20
Ignition, Throttle and Choke Control Assembly . . . . . 21
Console Cable Routing Assembly . . . . . 22
Engine and Exhaust Assembly . . . . . 23
Battery Assembly . . . . . 24
Wire Harness Assembly . . . . . 25
Pump Coupling Assembly . . . . . 26
Neutral Centering Assembly . . . . . 27
Traction Drive Hydraulic Line Assembly . . . . . 28
Traction Drive Hose Routing Assembly . . . . . 29
Hydraulic Mow Assembly . . . . . 30
Hydraulic Mow Manifold Assembly . . . . . 31
Hydraulic Mow Manifold Assembly No. 147-3079 . . . . . 32
Hydraulic Mow Clamp Assembly . . . . . 33
Hydraulic Mow Hose Routing Assembly . . . . . 34
Hydraulic Mow Reel Motor Assembly . . . . . 35
Hydraulic Reel Motor Assembly No. 115-3321 . . . . . 36
Hydraulic Mow Gear Pump Assembly . . . . . 37
Hydraulic Gear Pump Assembly No. 114-9956 . . . . . 38
Lift Circuit Assembly . . . . . 39
Steering Valve Assembly No. 114-4672 . . . . . 41
Hydraulic Cylinder Assembly No. 119-8128 . . . . . 42
Hydraulic Cylinder Assembly No. 119-8129 . . . . . 43
Hydraulic Lift Manifold Assembly . . . . . 44
Hydraulic Lift Manifold Assembly No. 125-5187 . . . . . 45
Steering Circuit Assembly . . . . . 46
Fuel Line and Carbon Canister Hose Routing Assembly . . . . . 47
Fuel Tank Assembly . . . . . 48
Hydraulic Tank and Leak Detector Assembly . . . . . 49
Suspension and Basket Assembly . . . . . 51
Basket Assembly No. 132-9599 . . . . . 52
Suspension Pin Position Assembly . . . . . 53
Suspension A-Arm Assembly . . . . . 54
Suspension Crossarm Assembly . . . . . 55
Attachments and Accessories . . . . . 56



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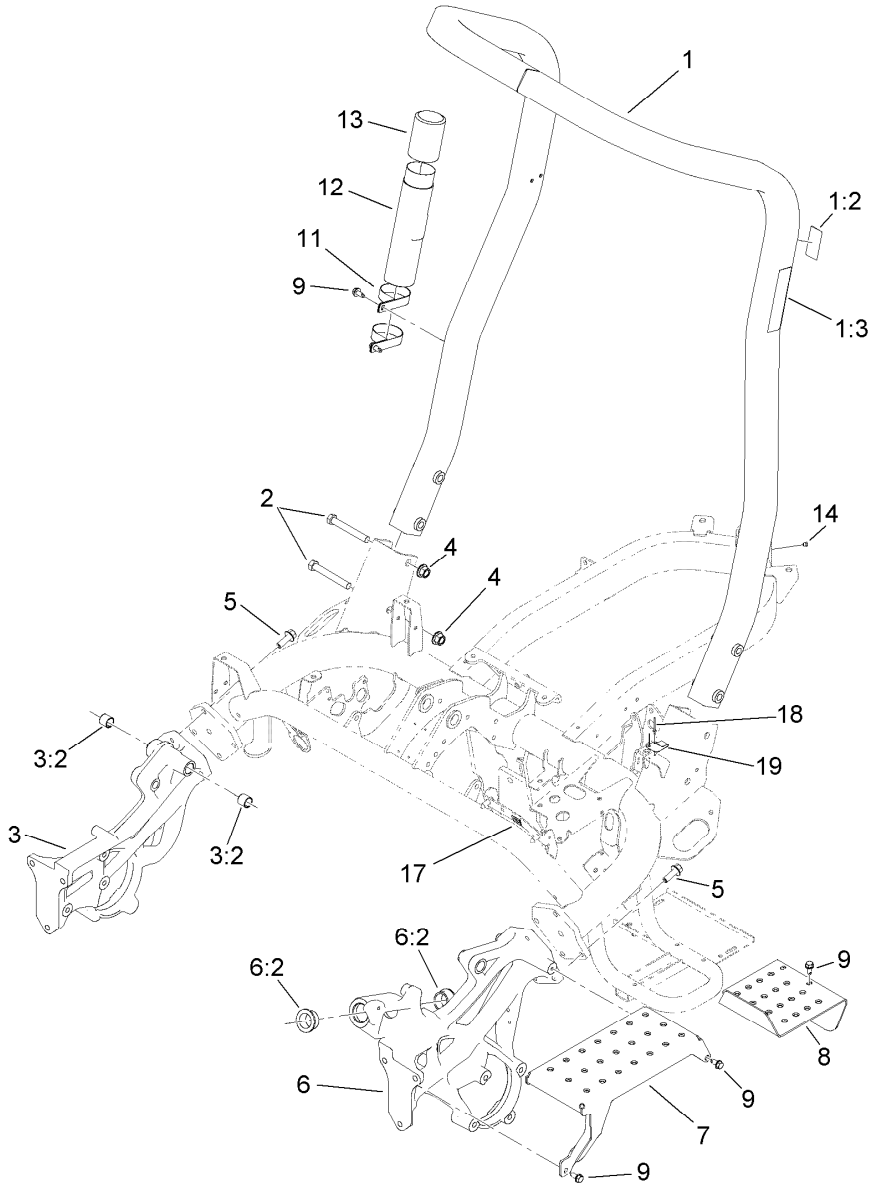
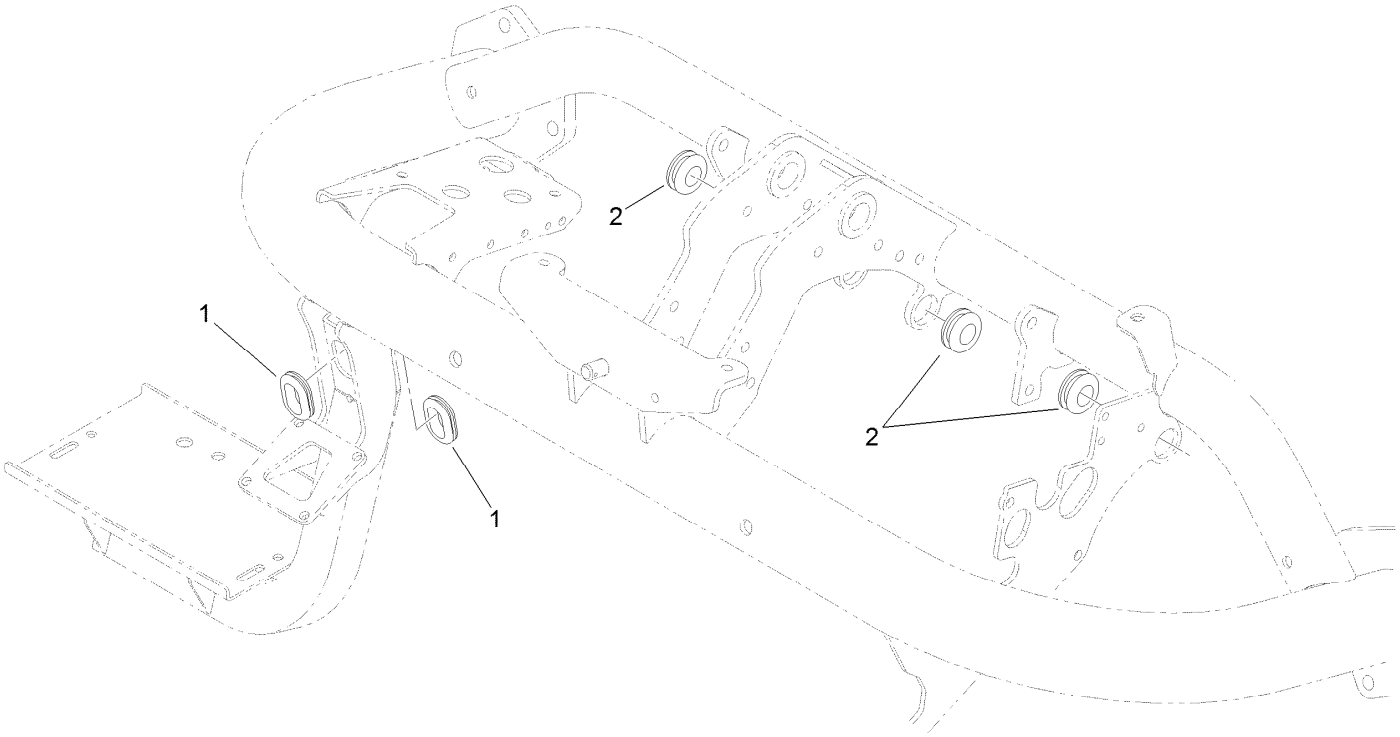



# Roll-Over Protection System Assembly

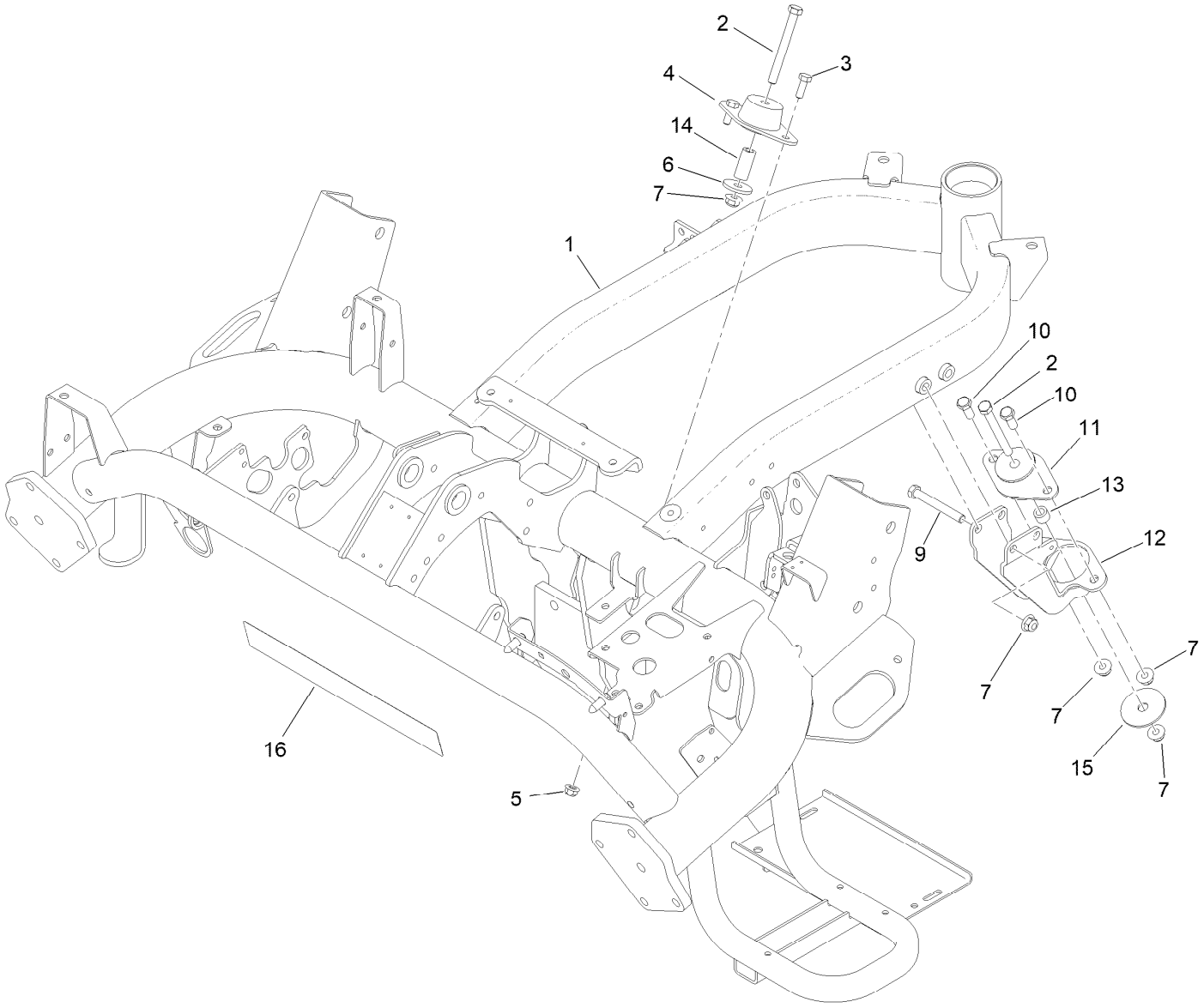
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 115-8206 | 1 | ROPS ASM |
| 1:2 | 115-8199 | 1 | Decal-ROPS |
| 1:3 | 115-8226 | 1 | Decal-ROPS |
| 2 | 325-35 | 4 | Screw-HH |
| 3 | 117-9023 | 1 | Casting-Side, RH |
| 3:2 | 94-9609 | 2 | Bushing-Straight |
| 4 | 99-5107 | 4 | Nut-HF Nylock |
| 5 | 117-9035 | 8 | Screw-HHF |
| 6 | 117-9022 | 1 | Casting-Side, LH |
| 6:2 | 60-0080 | 2 | Bushing |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 7 | 117-9051-01 | 1 | Step |
| 8 | 119-4468-01 | 1 | Plate-Step |
| 9 | 32104-32 | 9 | Screw-HWH |
| 11 | 2412-133 | 2 | Clamp-R |
| 12 | 104-7050 | 1 | Tube-Manual |
| 13 | 104-7048 | 1 | Cap-Housing |
| 14 | 302-59 | 1 | Plug-EXT Hex Spl |
| 17 | 119-1730 | 1 | Receptacle-Clip, Mini |
| 18 | 3269-32 | 2 | Rivet-Pop |
| 19 | 121-5865 | 1 | Clip-Cover, Back |



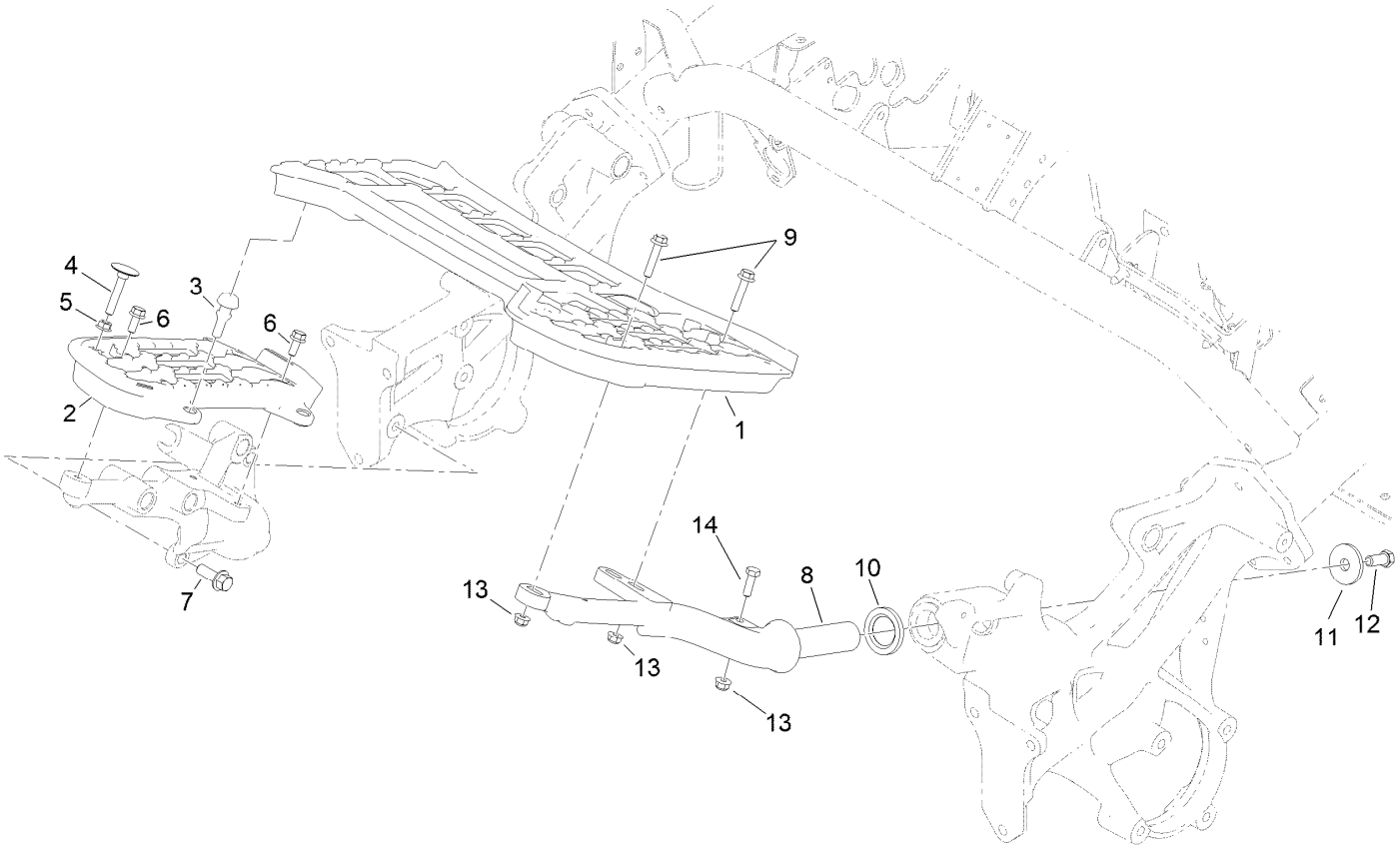

# Brake Cable Grommet Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 240-5 | 2 | Grommet |
| 2 | 98-8529 | 3 | Grommet |



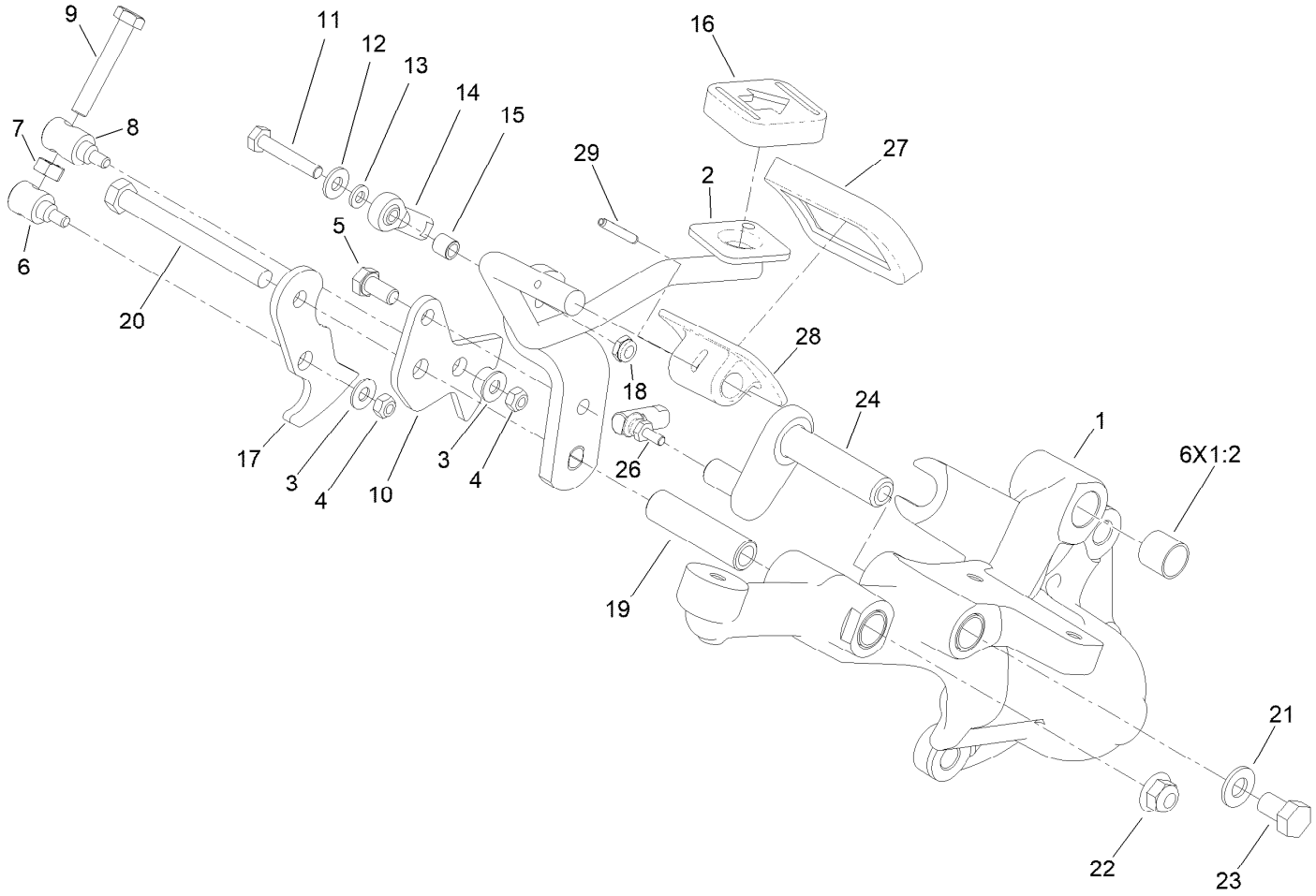

# Frame Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 140-5297-01 | 1 | Frame ASM |
| 2 | 323-15 | 3 | Screw-HH |
| 3 | 322-4 | 4 | Screw-HH |
| 4 | 121-9076 | 2 | Mount-Engine |
| 5 | 104-8300 | 4 | Nut-HF, NI |
| 6 | 117-9330 | 2 | Spacer |
| 7 | 104-8301 | 7 | Nut-HF, NI |
| 9 | 323-14 | 2 | Screw-HH |
| 10 | 323-5 | 2 | Screw-HH |
| 11 | 131-1821 | 1 | Mount-Engine |
| 12 | 117-9256-01 | 1 | Mount-Engine, Rear |
| 13 | 52-2480 | 1 | Spacer-Wheel |
| 14 | 104-0151 | 2 | Spacer |
| 15 | 87-5100 | 1 | Washer-Snubbing |
| 16 | 119-9348 | 1 | Decal |



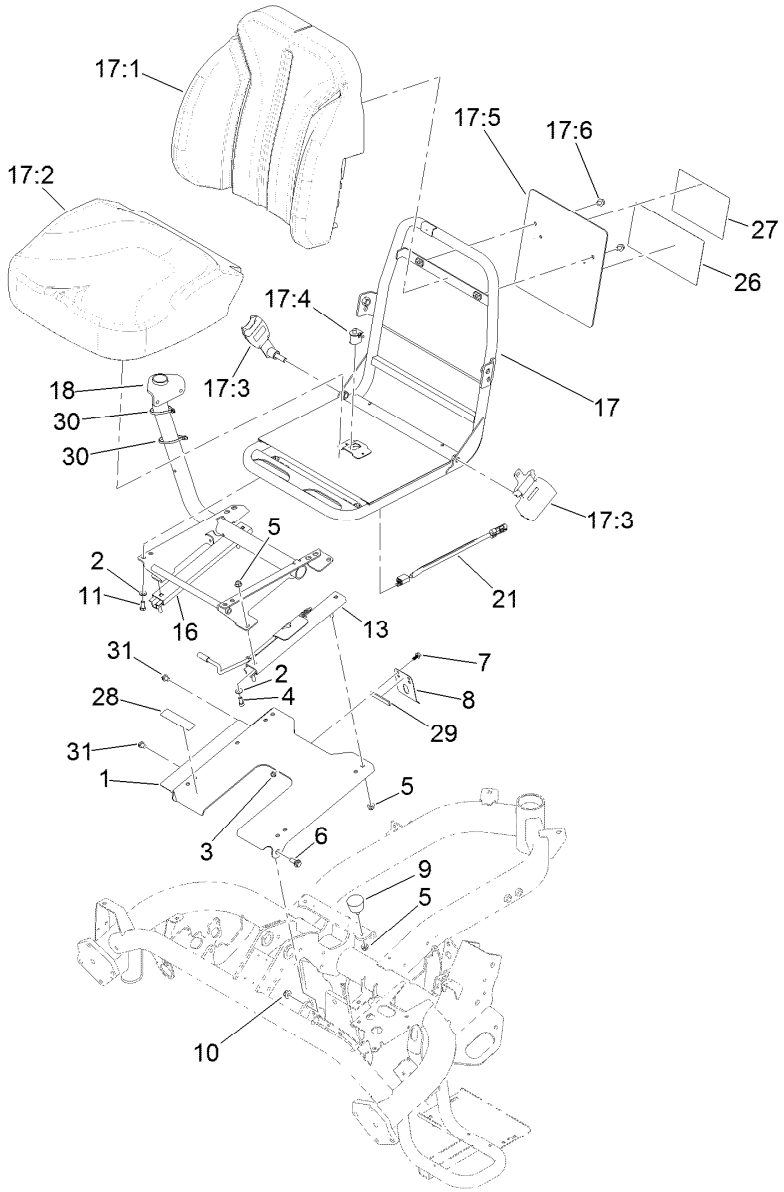

# Platform Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 137-7768 | 1 | Platform-LH |
| 2 | 117-9008 | 1 | Platform-RH |
| 3 | 117-9072 | 2 | Bumper-Rubber |
| 4 | 115-8240 | 1 | Screw-Elevator |
| 5 | 32128-20 | 1 | Nut-HF |
| 6 | 3234-47 | 3 | Screw-HHF |
| 7 | 117-9035 | 3 | Screw-HHF |
| 8 | 117-9006-01 | 1 | Support-Platform, LH |
| 9 | 115-1794 | 3 | Screw-HHF |
| 10 | 94-8946 | 1 | Washer-Thrust |
| 11 | 84-1560 | 1 | Washer-Thrust |
| 12 | 324-4 | 1 | Screw-HH |
| 13 | 104-8300 | 4 | Nut-HF, NI |
| 14 | 322-5 | 1 | Screw-HH |




# Right Hand Support Platform Assembly

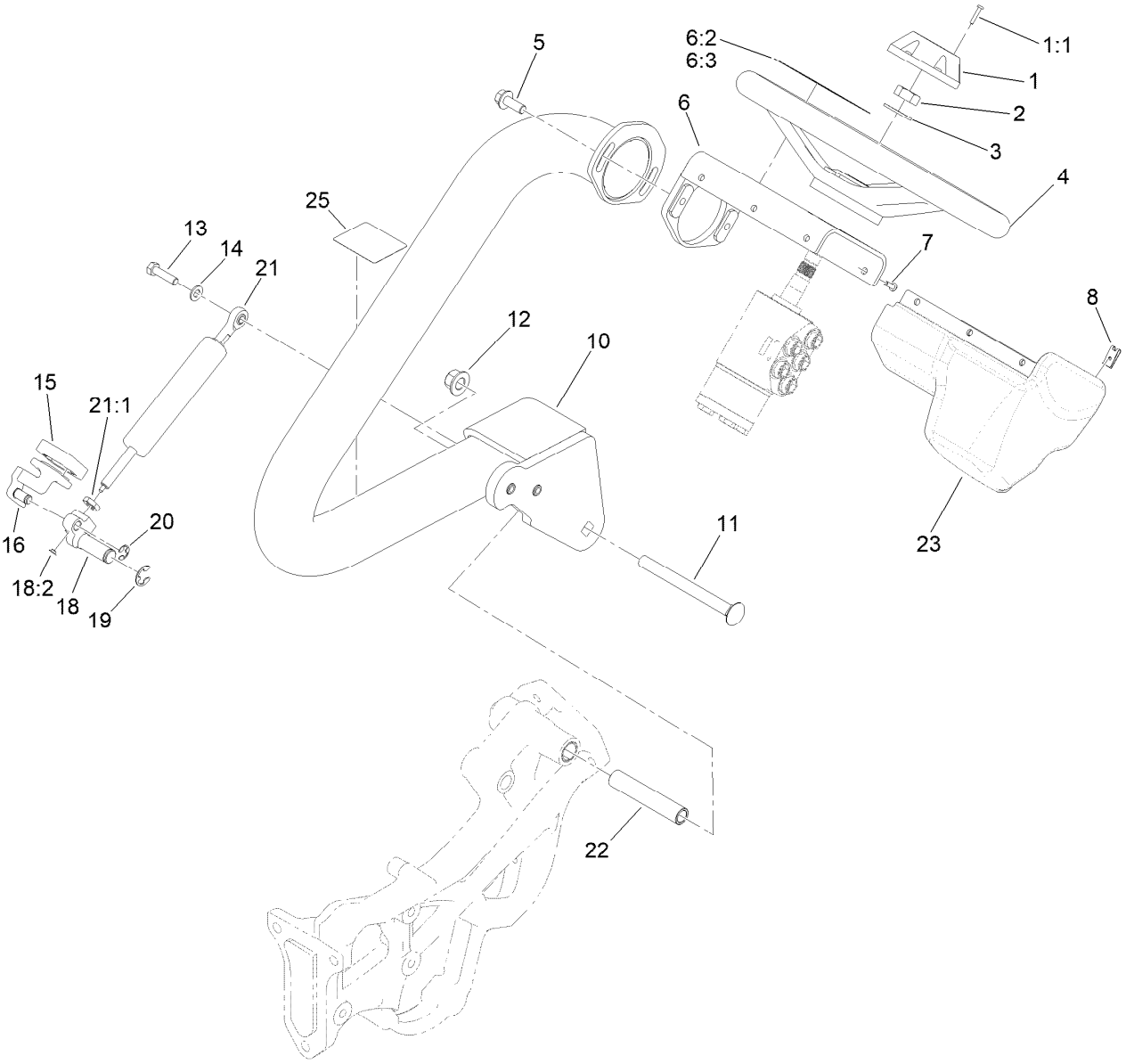
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 133-2313 | 1 | Support-Platform, RH |
| 1:2 | 256-311 | 6 | Bushing-Split |
| 2 | 119-1725-01 | 1 | Rod-Traction |
| 3 | 3256-1 | 2 | Washer-Flat |
| 4 | 33023-00 | 2 | Nut-Lock |
| 5 | 33114-016 | 1 | Screw-HH |
| 6 | 94-1374 | 1 | Trunnion-Bracket, Mow |
| 7 | 33014-00 | 1 | Nut-Hex |
| 8 | 94-1375 | 1 | Trunnion-Bracket, Lock |
| 9 | 94-3489 | 1 | Screw-HH |
| 10 | 117-9021 | 1 | Bracket-Lock |
| 11 | 321-9 | 1 | Screw-HH |
| 12 | 3256-22 | 1 | Washer-Flat |
| 13 | 33093-00 | 1 | Washer-Flat |
| 14 | 2411-41 | 1 | Rod End-Ball Joint |
| 15 | 99-3545 | 1 | Spacer |
| 16 | 74-9110 | 1 | Pad-Pedal, Reverse |
| 17 | 140-5246 | 1 | Bracket-Mow |
| 18 | 3296-56 | 1 | Nut-Lock, NI |
| 19 | 94-1371 | 1 | Spacer |
| 20 | 323-42 | 1 | Screw-HH |
| 21 | 3256-24 | 1 | Washer-Plain |
| 22 | 104-8301 | 1 | Nut-HF, NI |
| 23 | 33115-016 | 1 | Screw-HH |
| 24 | 140-6108 | 1 | Pin-Flag, Neutral Lock |
| 26 | 2411-38 | 1 | Joint-Ball |
| 27 | 74-9100 | 1 | Pad-Pedal, Forward |
| 28 | 117-9507 | 1 | Pedal-Accelerator |
| 29 | 32121-45 | 1 | Pin-Spring |




# Seatbase Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 136-8405-03 | 1 | Plate-Seat |
| 2 | 3256-23 | 8 | Washer-Plain |
| 3 | 104-7201 | 2 | Nut-HF, NI |
| 4 | 3274-10 | 4 | Screw-HSH |
| 5 | 104-8300 | 10 | Nut-HF, NI |
| 6 | 94-7582 | 2 | Bolt-Shoulder |
| 7 | 99-6810 | 2 | Screw-HHF |
| 8 | 66-2630 | 1 | Latch-Seat |
| 9 | 68-3270 | 2 | Bumper-Rubber |
| 10 | 104-8301 | 2 | Nut-HF, NI |
| 11 | 322-3 | 4 | Screw-HH |
| 13 | 133-8896 | 1 | Seat Adjuster Lever ASM |
| 16 | 92-8990 | 1 | Adjuster-Seat, Non-Locking |
| 17 | 139-2680 | 1 | Seat ASM |
| 17:1 | 145-0083 | 1 | Cover-Seat, Back |
| 17:2 | 145-0084 | 1 | Cover-Seat, Bottom |
| 17:3 | 139-2707 | 1 | Seat Belt Kit |
| 17:4 | 82-2190 | 1 | Switch-Bail |
| 17:5 | 139-2701 | 1 | Plate-Decal |
| 17:6 | 3234-30 | 2 | Screw-HHF |

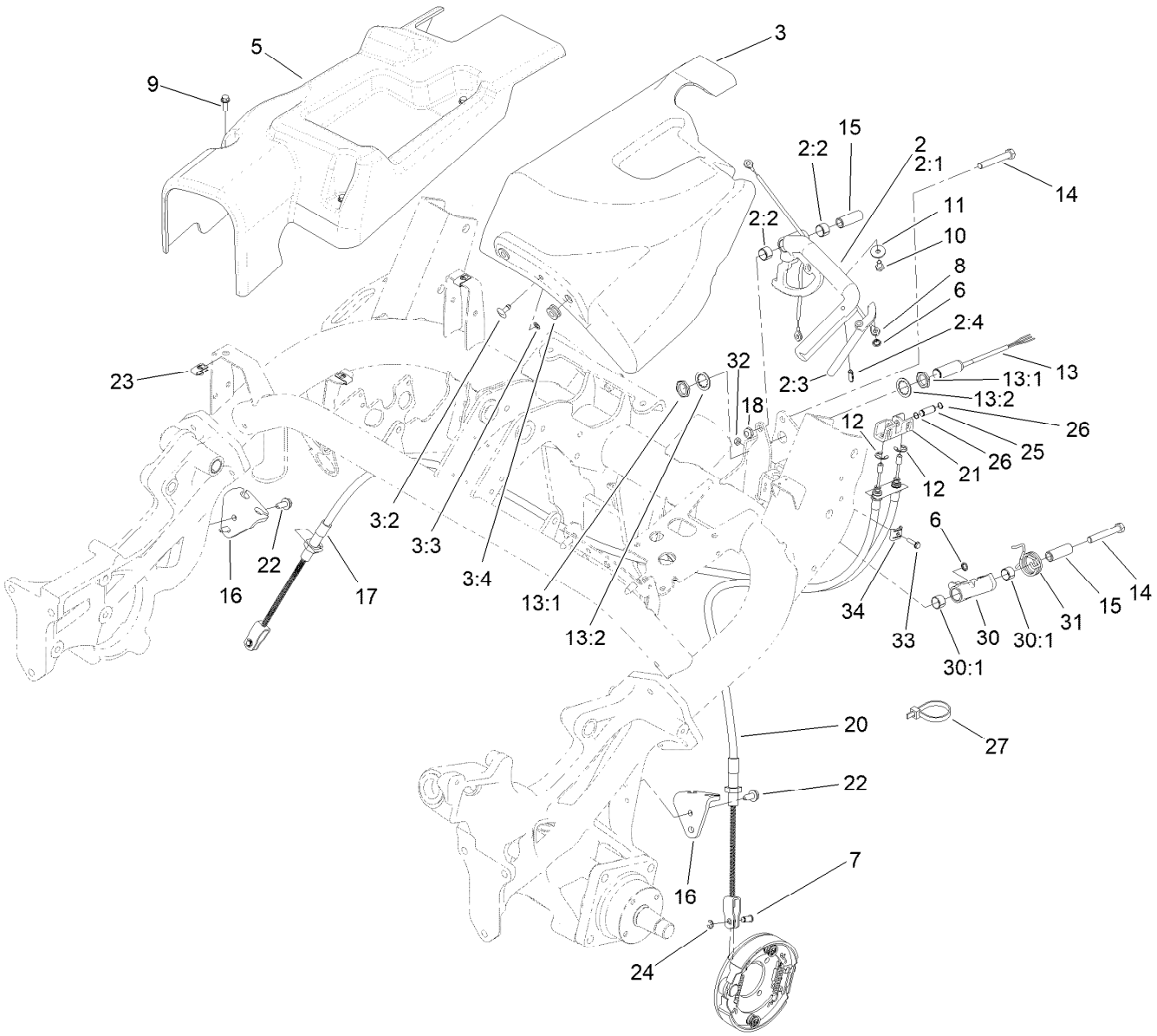
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 18 | 139-6453-03 | 1 | Console Mount ASM, Welded |
| 21 | 108-8657 | 1 | Harness-Wire, Seat |
| 26 | 115-8159 | 1 | Decal-Service, Spanish |
| 26 | 115-8160 | 1 | Decal-Service, French |
| 26 | 115-8161 | 1 | Decal-Service, German |
| 26 | 115-8162 | 1 | Decal-Service, Swedish |
| 26 | 115-8163 | 1 | Decal-Service, Italian |
| 26 | 115-8164 | 1 | Decal-Service, Portuguese |
| 26 | 115-8165 | 1 | Decal-Service, Norwegian |
| 26 | 115-8166 | 1 | Decal-Service, Finnish |
| 26 | 115-8167 | 1 | Decal-Service, Danish |
| 26 | 115-8168 | 1 | Decal-Service, Dutch |
| 26 | 115-8169 | 1 | Decal-Service, Japanese |
| 26 | 139-2727 | 1 | Decal-Service, GR3300/3320 |
| 27 | 115-8156 | 1 | Decal-Speed, Clip |
| 28 | 133-8062 | 1 | Decal-Spark Arrestor |
| 29 | 120-5753 | 1 | Strip-Foam |
| 30 | 3290-379 | 2 | Tie-Cable |
| 31 | 32180-030 | 2 | Clip-Tie |




# Steering Arm and Adjuster Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 68-5140 | 1 | Cap-Wheel, Steering |
| 1:1 | 32144-21 | 1 | Screw |
| 2 | 3296-33 | 1 | Nut-Lock, NI |
| 3 | 3256-27 | 1 | Washer-Flat |
| 4 | 145-0051 | 1 | Steering Wheel |
| 5 | 3234-42 | 2 | Screw-HHF |
| 6 | 136-8571 | 1 | Mount-Steering |
| 6:2 | 136-8506 | 1 | Decal-Danger |
| 6:3 | 136-8505 | 1 | Decal-Danger, CE |
| 7 | 3274-39 | 6 | Screw-HSBH |
| 8 | 3290-277 | 6 | Nut-Speed |
| 10 | 139-8582-01 | 1 | Steering Arm ASM [red] |
| 11 | 114-7723 | 1 | Screw-CARR |
| 12 | 99-5107 | 1 | Nut-HF Nylock |

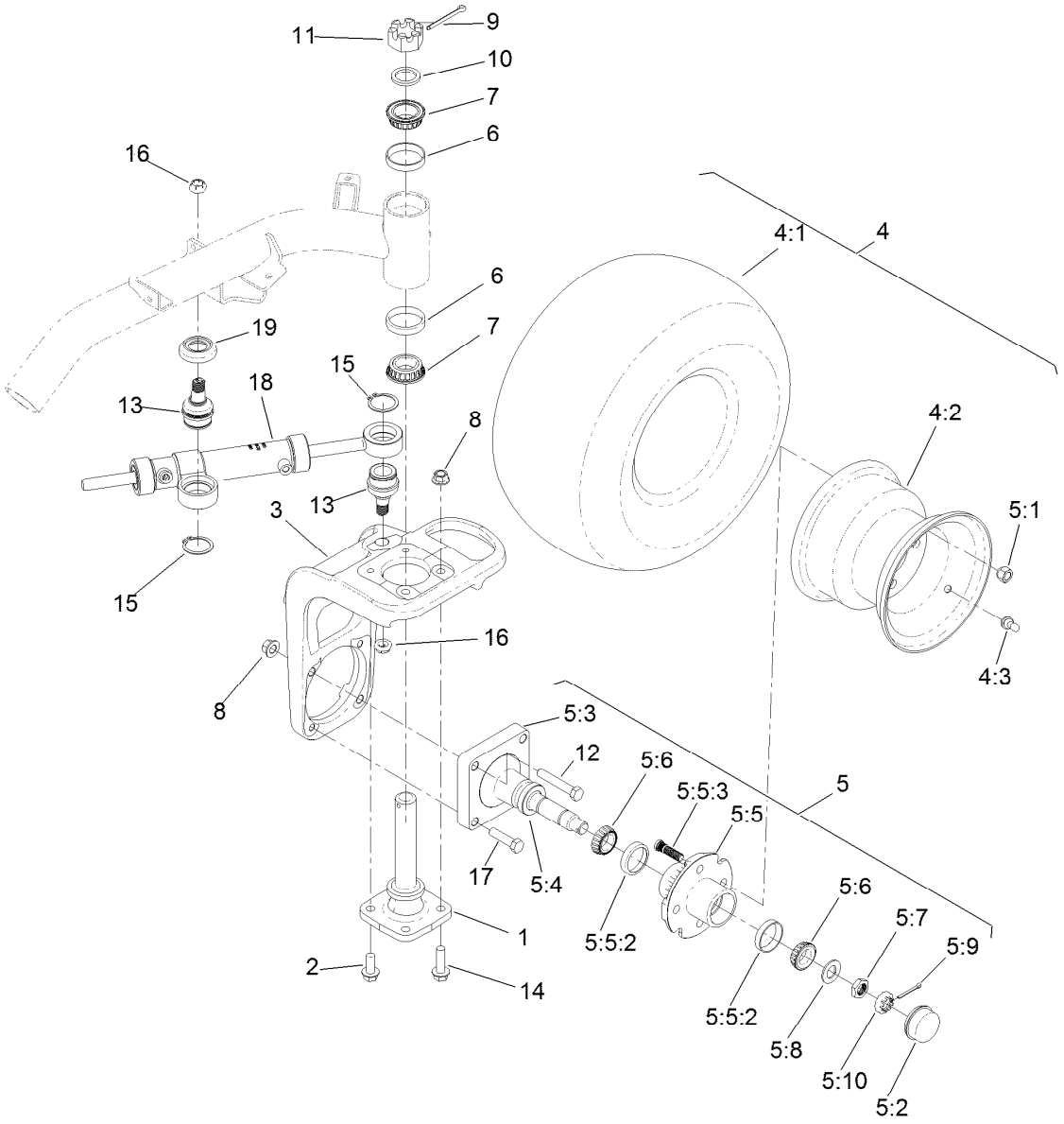
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 13 | 322-5 | 1 | Screw-HH |
| 14 | 3256-23 | 1 | Washer-Plain |
| 15 | 74-9110 | 1 | Pad-Pedal, Reverse |
| 16 | 138-6456 | 1 | Lever (Mach) |
| 18 | 133-9030 | 1 | Pivot Lever ASM |
| 18:2 | 133-8995 | 1 | Bushing |
| 19 | 32120-19 | 1 | E-Ring |
| 20 | 105-7004 | 1 | E-Ring |
| 21 | 133-9036 | 1 | Cylinder-Gas |
| 21:1 | 112-8617 | 1 | Nut-Hex |
| 22 | 117-9002 | 1 | Spacer |
| 23 | 119-9300 | 1 | Cover-Valve, Steering |
| 25 | 119-9346 | 1 | Decal-Arm, Steering |




# Brake Cable and Lever Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 140-6217 | 1 | Hand Brake Lever Assembly |
| 2:1 | 131-3024 | 1 | Lever-Brake, Hand |
| 2:2 | 1-653600 | 2 | Bushing |
| 2:3 | 131-3003 | 1 | Lever-Release |
| 2:4 | 32121-24 | 1 | Pin-Spring |
| 3 | 131-3025 | 1 | LH Cover ASM |
| 3:2 | 119-1728 | 1 | Stud-1/4 Turn |
| 3:3 | 119-1729 | 1 | Retainer-Stud |
| 3:4 | 92-5972 | 2 | Grommet-Rubber |
| 5 | 138-5029 | 1 | Cover-Side, RH |
| 6 | 104-8310 | 2 | Ring-Retaining |
| 7 | 109-6887 | 2 | Pin-Clevis |
| 8 | 131-3004 | 1 | Cable |
| 9 | 115-5103 | 3 | Screw-HHF |
| 10 | 321-2 | 1 | Screw-HH |
| 11 | 3256-67 | 1 | Washer |
| 12 | 32120-47 | 2 | Ring-Retaining, External |
| 13 | 115-5300 | 1 | Proximity Switch ASM |
| 13:1 | 117-3207 | 2 | Nut-Hex |
| 13:2 | 117-3208 | 2 | Washer-Lock, Internal Tooth |

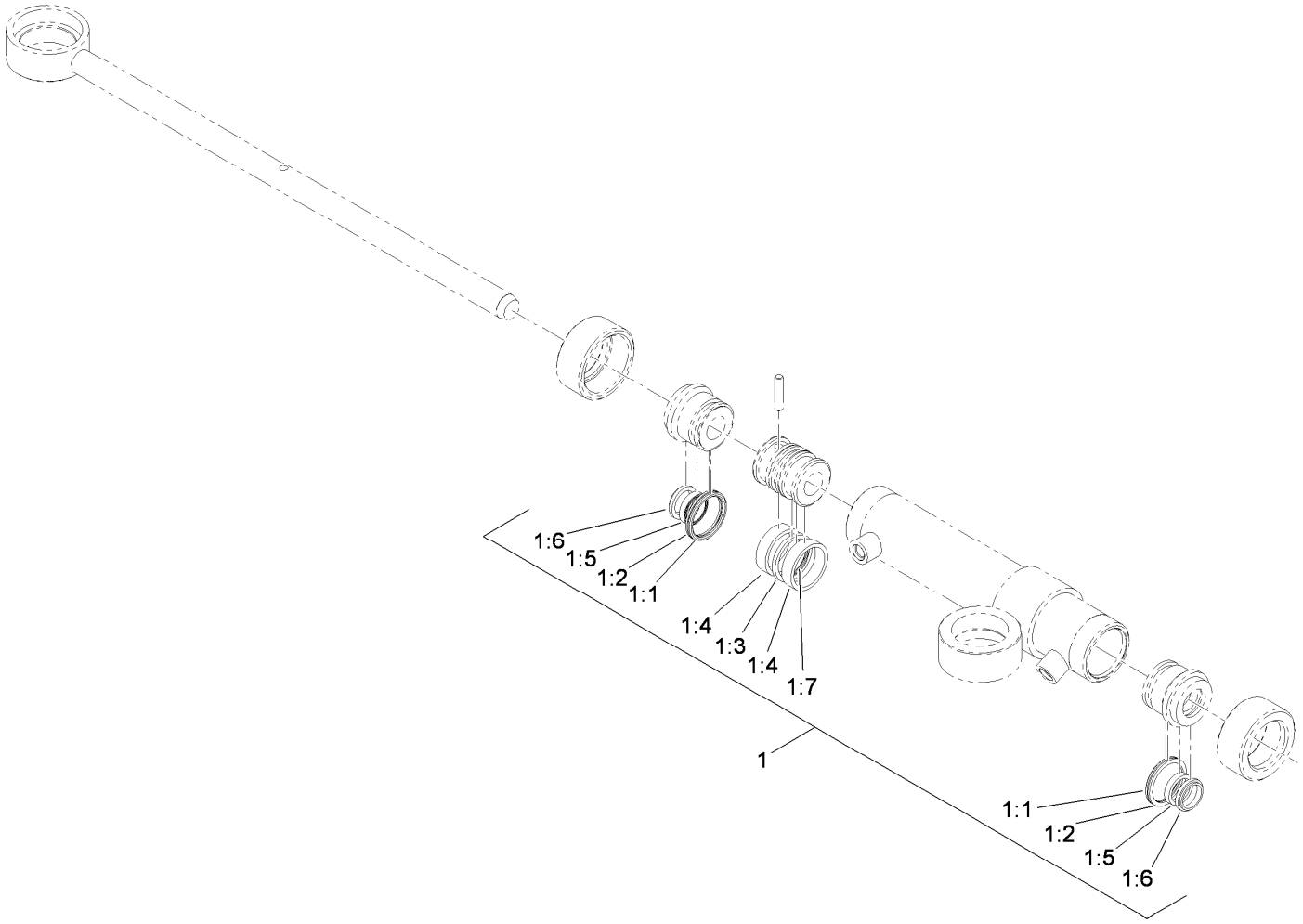
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 14 | 323-12 | 2 | Screw-HH |
| 15 | 131-3017 | 2 | Spacer |
| 16 | 133-8901 | 2 | Bracket-Cable, Brake |
| 17 | 131-1833 | 1 | Cable-Brake, RH |
| 18 | 3296-59 | 2 | Nut-Lock, NI |
| 20 | 131-1834 | 1 | Cable-Brake, LH |
| 21 | 131-3065 | 1 | Equalizer-Cable |
| 22 | 32104-32 | 4 | Screw-HWH |
| 23 | 107069 | 3 | Clip |
| 24 | 701197 | 2 | E-Ring |
| 25 | 131-3021 | 1 | Pin |
| 26 | 32120-46 | 2 | Ring-Retaining |
| 27 | 3290-379 | 1 | Tie-Cable |
| 30 | 137-1659 | 1 | Brake Pawl ASM |
| 30:1 | 1-653600 | 2 | Bushing |
| 31 | 132-3833 | 1 | Spring-Torsion |
| 32 | 3296-2 | 1 | Nut-Lock, NI |
| 33 | 3290-126 | 1 | Screw-HWH |
| 34 | 81-1690 | 1 | Clamp-Cable |




# Back Wheel Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 115-2657 | 1 | Spindle-Steering |
| 2 | 3234-38 | 2 | Screw-HHF |
| 3 | 117-4366-01 | 1 | Base-Fork, Rear |
| 4 | 117-9033 | 1 | Wheel And Tire ASM |
| 4:1 | 120-2783 | 1 | Tire |
| 4:2 | 217-60 | 1 | Rim |
| 4:3 | 232-27 | 1 | Stem-Valve |
| 5 | 119-4490 | 1 | Wheel Spindle ASM |
| 5:1 | 242-50 | 4 | Nut-Lug |
| 5:2 | 241-119 | 1 | Cap-Dust |
| 5:3 | 112-7173 | 1 | Spindle |
| 5:4 | 112-1690 | 1 | Seal-Oil |
| 5:5 | 117-9093 | 1 | Hub ASM |
| 5:5:2 | 254-72 | 2 | Bearing-Cup, Tapered |
| 5:5:3 | 114-3918 | 4 | Stud-Wheel |
| 5:6 | 254-92 | 2 | Cone-Bearing, Outer |
| 5:7 | 117-8260 | 1 | Nut |

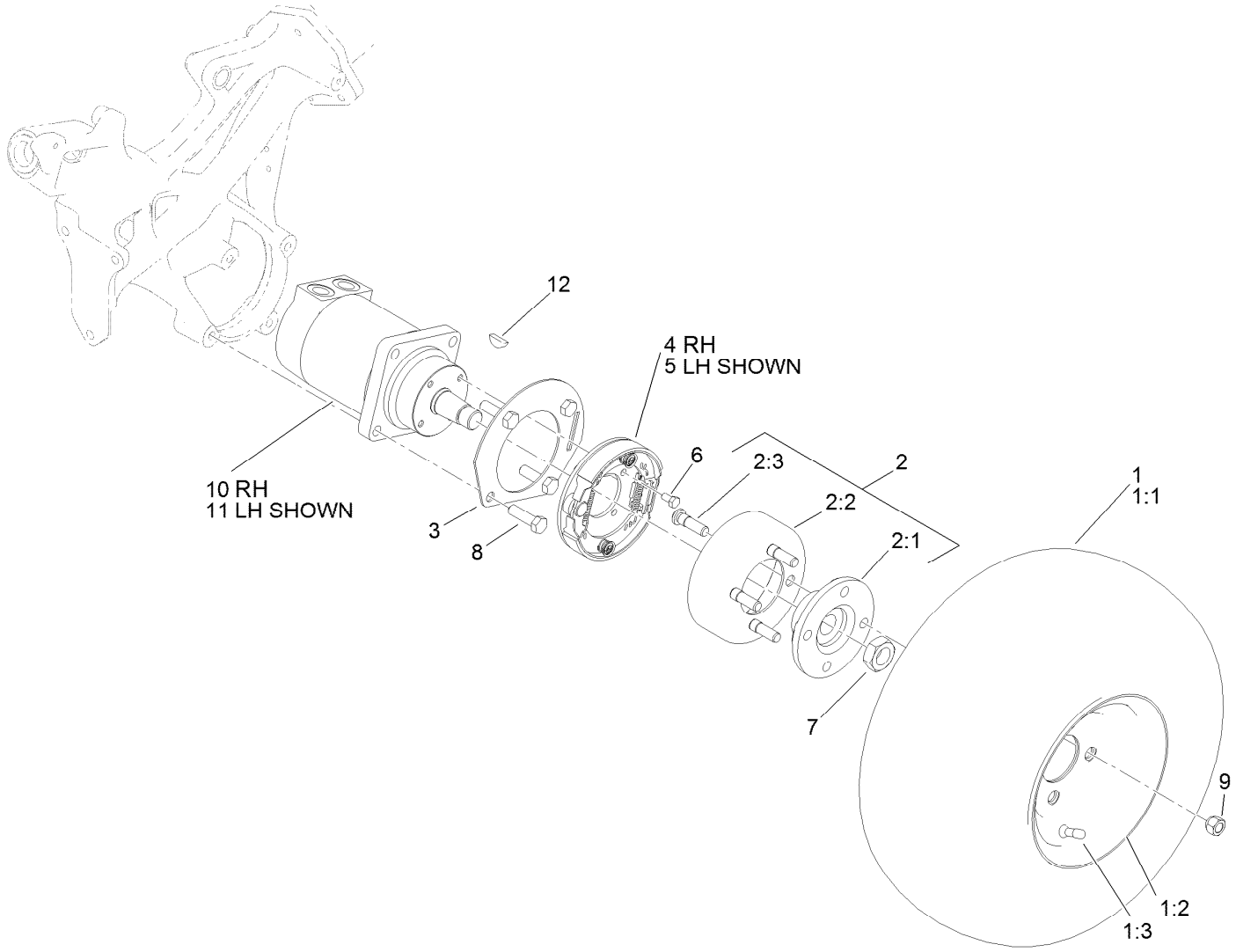
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 5:8 | 117-8259 | 1 | Washer-Spindle |
| 5:9 | 3272-18 | 1 | Pin-Cotter |
| 5:10 | 93-0307 | 1 | Nut-Lock, Retainer |
| 6 | 115-9471 | 2 | Bearing-Cup |
| 7 | 115-9472 | 2 | Bearing-Cone And Seal |
| 8 | 99-5107 | 4 | Nut-HF Nylock |
| 9 | 3272-37 | 1 | Pin-Cotter |
| 10 | 18-6320 | 1 | Washer |
| 11 | 32136-9 | 1 | Nut-Hex, Slotted |
| 12 | 325-12 | 2 | Screw-HH |
| 13 | 121-3605 | 2 | Ball Joint |
| 14 | 3234-22 | 2 | Screw-HHF |
| 15 | 32151-104 | 2 | Ring-Retaining, External |
| 16 | 121-3611 | 2 | Nut-Hex, Flextop |
| 17 | 325-8 | 2 | Screw-HH |
| 18 | 117-4480 | 1 | HYD Cylinder ASM |
| 19 | 120-2026 | 1 | Spacer-Cylinder |




# Hydraulic Cylinder Assembly No. 117-4480

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-7124 | 1 | Kit-Seal |
| 1:1 | | 2 | O-Ring ● |
| 1:2 | | 2 | Ring-Backup ● |
| 1:3 | | 1 | Seal-Psp ● |
| 1:4 | | 2 | Ring-Wear ● |
| 1:5 | | 2 | Seal-Bs ● |
| 1:6 | | 2 | Seal-Dust ● |
| 1:7 | | 1 | O-Ring ● |

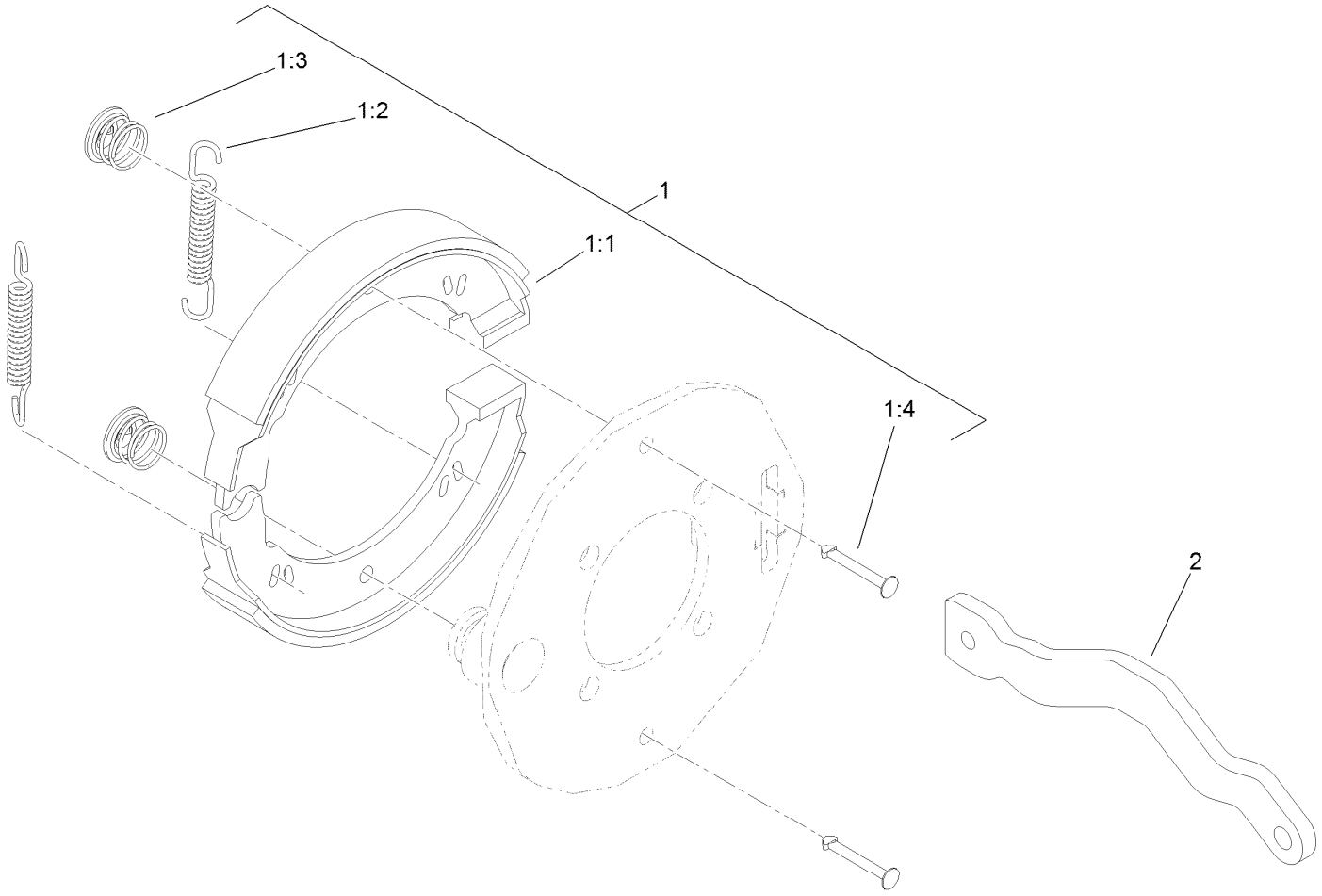
● Not serviced separately




# Front Wheel Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 117-9030 | 2 | Wheel And Tire ASM |
| 1:1 | 120-2783 | 1 | Tire |
| 1:2 | 117-9032 | 1 | Rim |
| 1:3 | 232-27 | 1 | Stem-Valve |
| 2 | 115-2661 | 2 | Brake Drum ASM |
| 2:1 | 115-2662-0P | 1 | Hub-Wheel [primed] |
| 2:2 | 115-2663 | 1 | Drum-Brake |
| 2:3 | 85-6540 | 4 | Stud-Drive |
| 3 | 114-9998-03 | 2 | Tab-Lever, Brake |

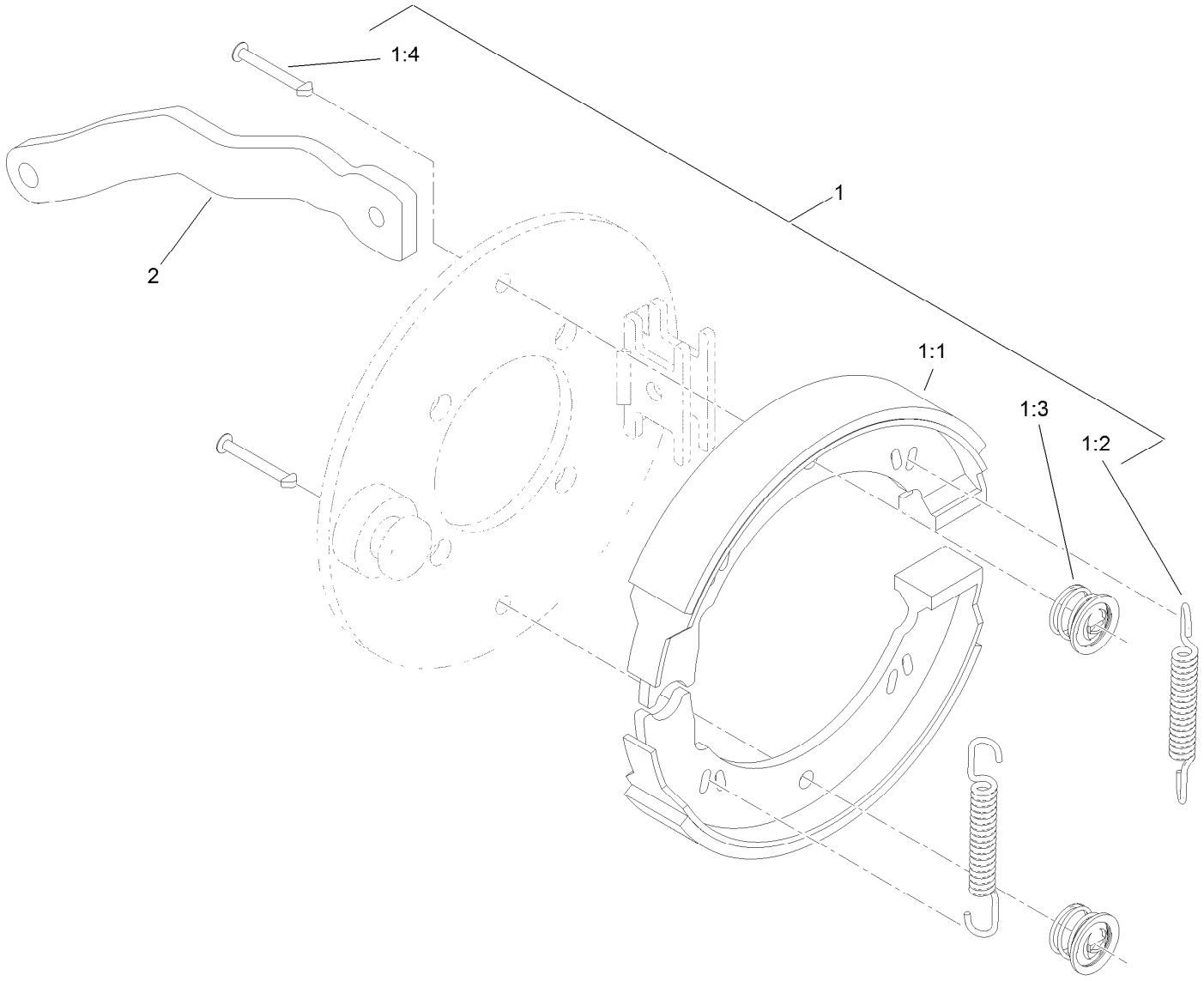
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 4 | 139-2722 | 1 | RH Brake ASM |
| 5 | 139-2721 | 1 | LH Brake ASM |
| 6 | 322-2 | 8 | Screw-HH |
| 7 | 26-3790 | 2 | Nut-Lock |
| 8 | 325-7 | 8 | Screw-HH |
| 9 | 242-50 | 8 | Nut-Lug |
| 10 | 117-4302 | 1 | RH Wheel Motor ASM |
| 11 | 117-4303 | 1 | LH Wheel Motor ASM |
| 12 | 3257-42 | 1 | Key-Woodruff |




# Right Hand Brake Assembly No. 139-2722

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 139-2723 | 1 | Kit-Brake |
| 1:1 | | 2 | Shoe-Brake ● |
| 1:2 | | 2 | Spring ● |
| 1:3 | | 2 | Clip ● |
| 1:4 | | 2 | Pin-Retainer ● |
| 2 | 115-5789 | 1 | Lever-Brake, RH |

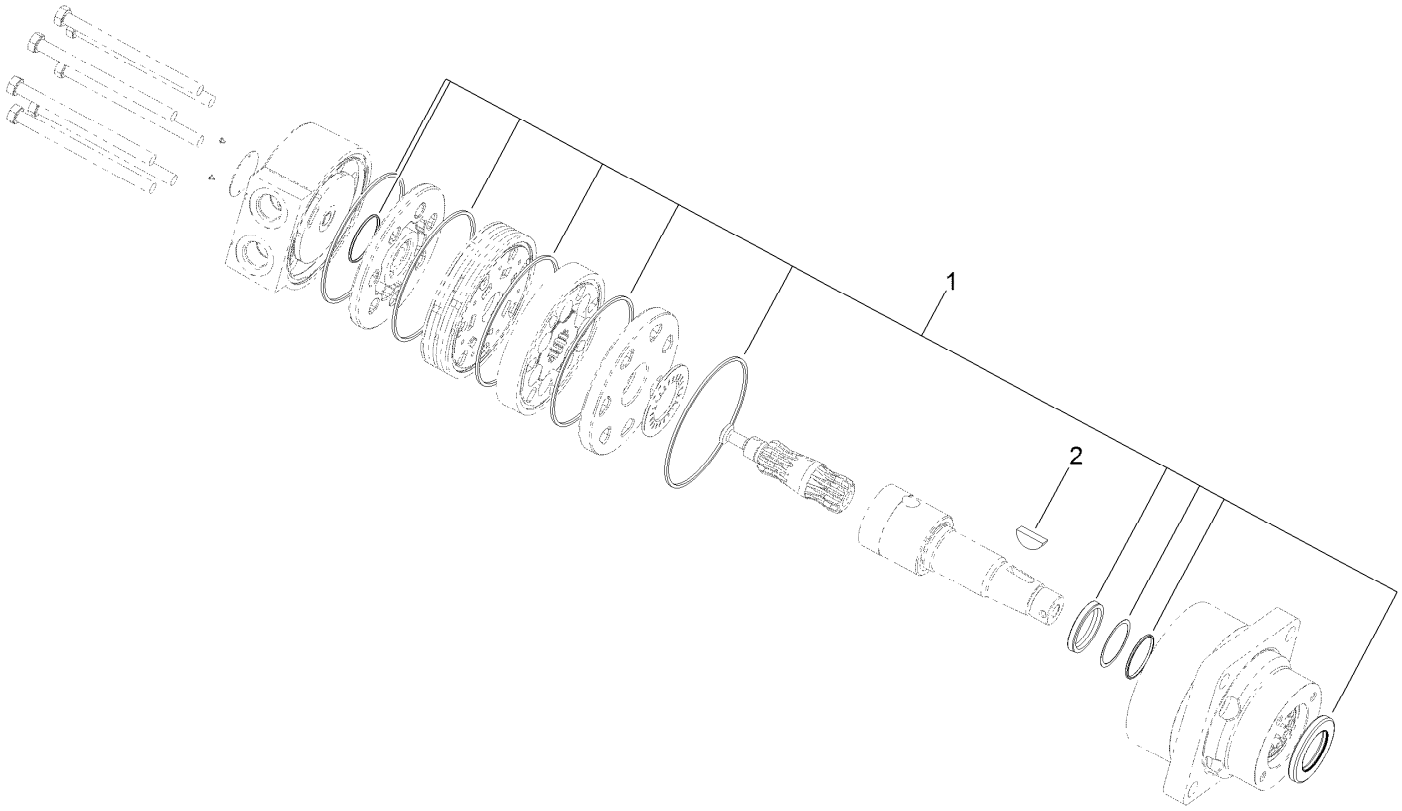
● Not serviced separately




# Left Hand Brake Assembly No. 139-2721

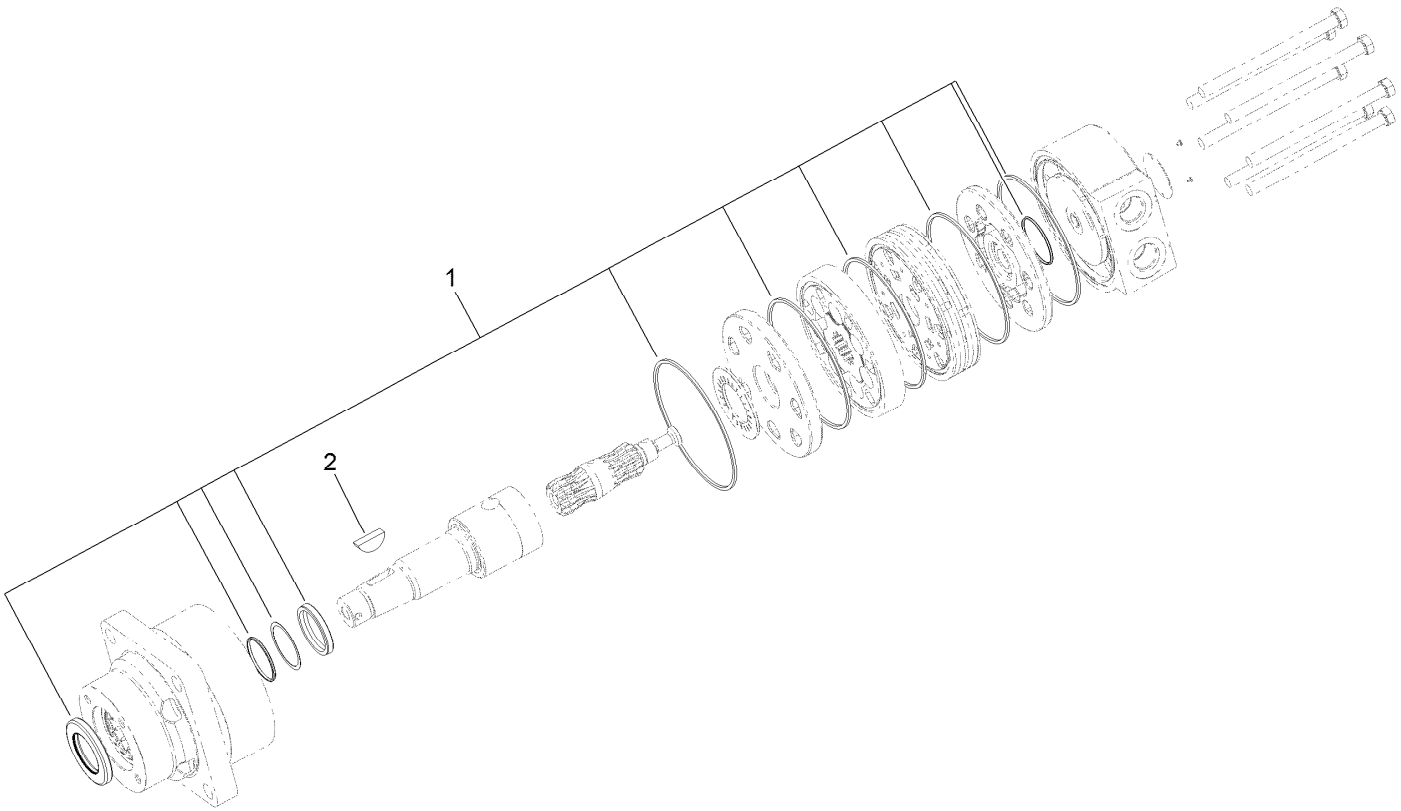
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 139-2723 | 1 | Kit-Brake |
| 1:1 | | 2 | Shoe-Brake ● |
| 1:2 | | 2 | Spring ● |
| 1:3 | | 2 | Clip ● |
| 1:4 | | 2 | Pin-Retainer ● |
| 2 | 115-2664 | 1 | Lever-Brake, LH |

● Not serviced separately



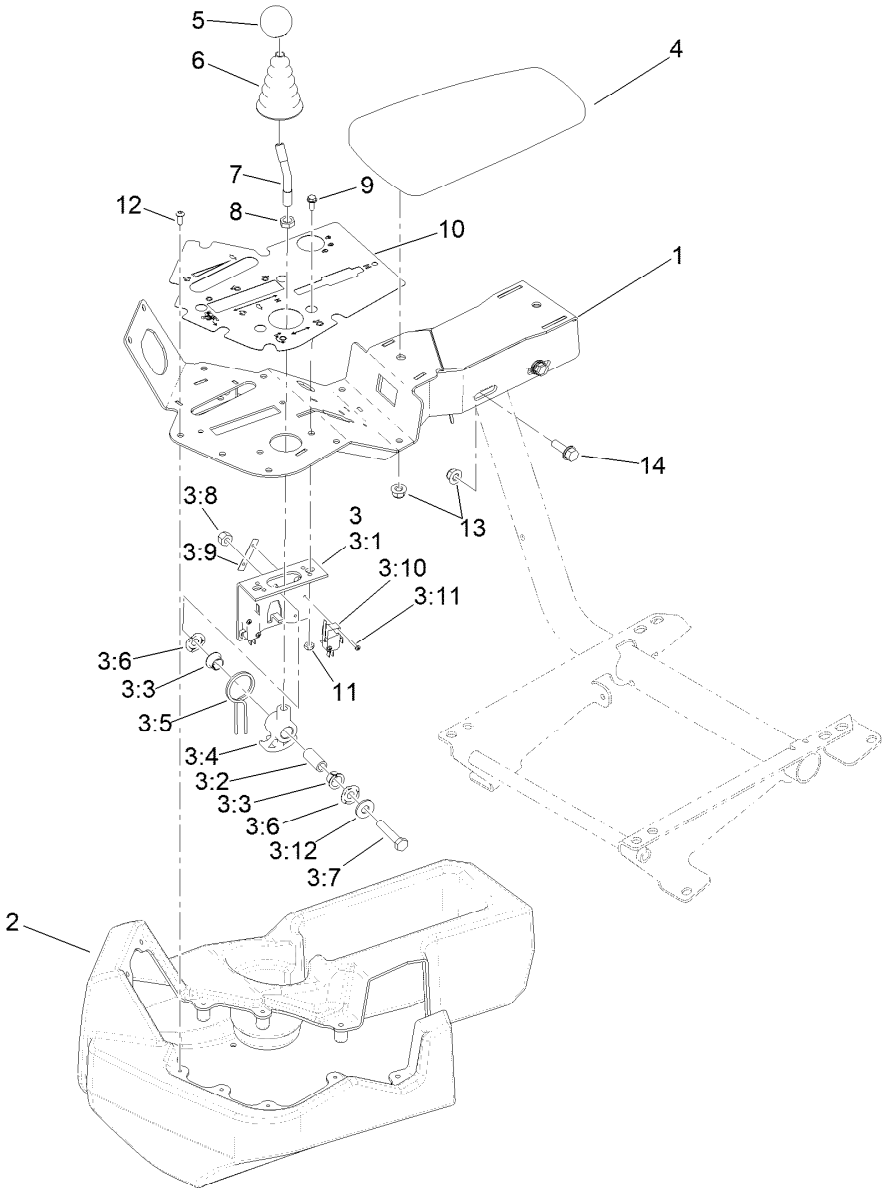

# Left Hand Wheel Motor Assembly No. 117-4303

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 94-8178 | 1 | Seal Kit |
| 2 | 3257-42 | 1 | Key-Woodruff |



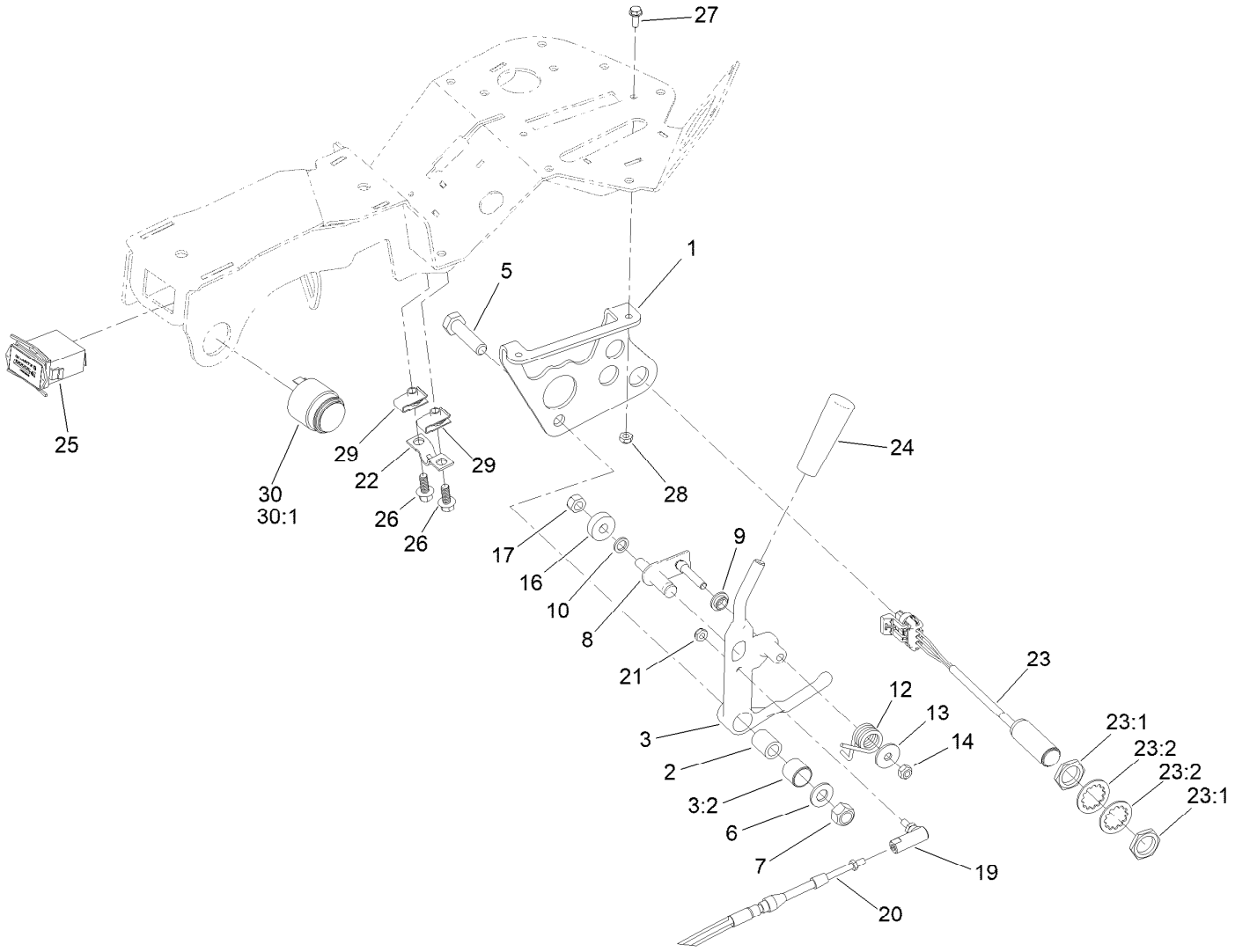

# Right Hand Wheel Motor Assembly No. 117-4302

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 94-8178 | 1 | Seal Kit |
| 2 | 3257-42 | 1 | Key-Woodruff |




# Console and Reel Control Assembly

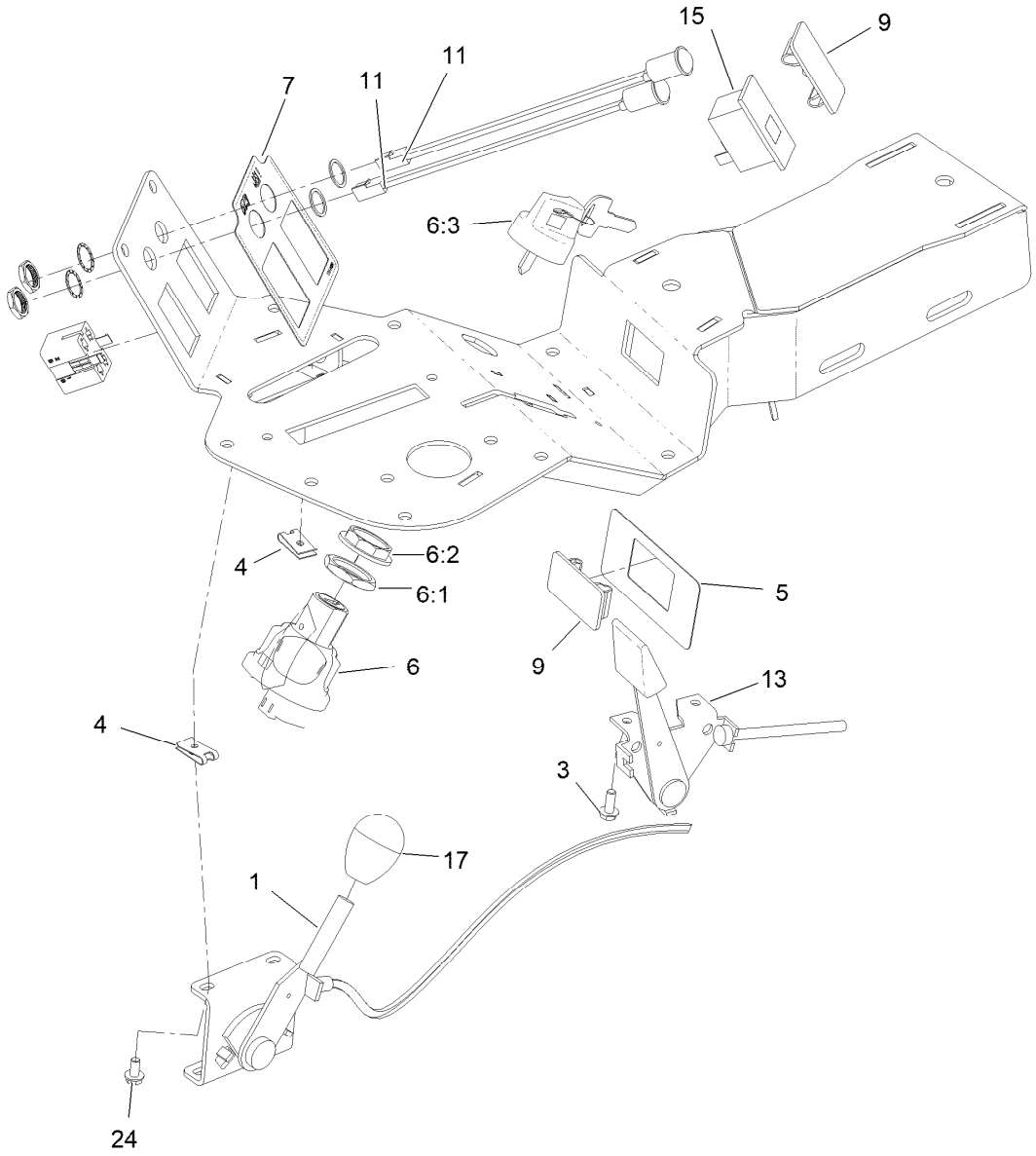
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 140-5245-03 | 1 | Console ASM [black] |
| 2 | 132-9955 | 1 | Cover-Console |
| 3 | 106-4167 | 1 | Joystick Bracket ASM |
| 3:1 | 115-5357-03 | 1 | Bracket-Joystick |
| 3:2 | 106-4192 | 1 | Spacer |
| 3:3 | 93-5547 | 2 | Bushing-Nylon |
| 3:4 | 147-3050 | 1 | Hub-Pivot, Joystick |
| 3:5 | 105-8289 | 1 | Spring-Torsion |
| 3:6 | 106-4193 | 2 | Washer-Finger, Spring |
| 3:7 | 322-9 | 1 | Screw-HH |
| 3:8 | 3296-29 | 1 | Nut-Lock, NI |
| 3:9 | 3290-354 | 2 | Nut-Speed |
| 3:10 | 108-6496 | 2 | Switch (W/Boot) |
| 3:11 | 95-3003 | 4 | Screw-PPHTF |
| 3:12 | 3256-3 | 1 | Washer-Flat |
| 4 | 108-7602 | 1 | Rest-Arm |
| 5 | 120-9752 | 1 | Knob-Round, Yellow |
| 6 | 93-5961 | 1 | Boot-Lever |
| 7 | 121-6681 | 1 | Stem-Joystick |
| 8 | 3218-3 | 1 | Nut-Jam |
| 9 | 3290-321 | 2 | Screw-HWH |
| 10 | 139-6493 | 1 | Decal-Console |
| 11 | 3296-12 | 2 | Nut-Lock, NI |
| 12 | 115-9830 | 8 | Screw-HSBH |
| 13 | 104-8300 | 4 | Nut-HF, NI |
| 14 | 3234-29 | 2 | Screw-HHF |




# Traction Interface Control Assembly

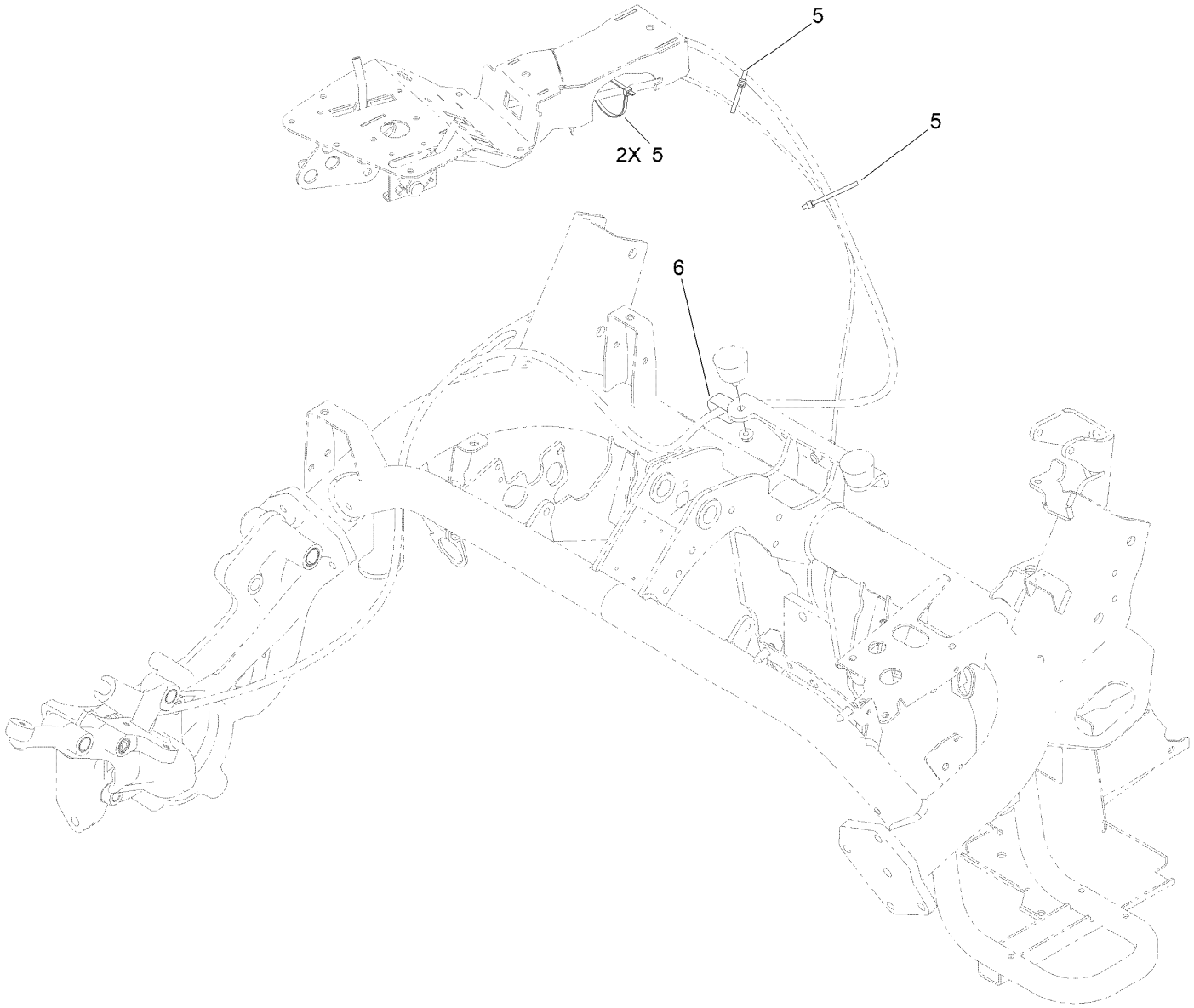
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 132-3822-03 | 1 | Bracket |
| 2 | 94-1378 | 1 | Tube-Pivot, Handle |
| 3 | 145-0062 | 1 | Handle ASM |
| 3:2 | 136-8417 | 1 | Bushing |
| 5 | 33115-040 | 1 | Screw-HH |
| 6 | 3256-24 | 1 | Washer-Plain |
| 7 | 33025-00 | 1 | Nut-Lock, NI |
| 8 | 125-1928 | 1 | Pin |
| 9 | 94-9619 | 1 | Bushing |
| 10 | 75-5470 | 1 | Spacer-Bearing |
| 12 | 94-9620 | 1 | Spring-Torsion |
| 13 | 3256-67 | 1 | Washer |
| 14 | 33023-00 | 1 | Nut-Lock |
| 16 | 251-259 | 1 | Bearing-Ball |
| 17 | 33024-00 | 1 | Nut-Lock, NI |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19 | 2411-38 | 1 | Joint-Ball |
| 20 | 132-6991 | 1 | Cable-Lock, Neutral |
| 21 | 3296-27 | 1 | Nut-Lock, NI |
| 22 | 93-2279 | 1 | Clamp-Cable |
| 23 | 115-5300 | 2 | Proximity Switch ASM |
| 23:1 | 117-3207 | 2 | Nut-Hex |
| 23:2 | 117-3208 | 2 | Washer-Lock, Internal Tooth |
| 24 | 233-39 | 1 | Knob-Control |
| 25 | 120-2244 | 1 | Hourmeter |
| 26 | 99-6810 | 2 | Screw-HHF |
| 27 | 3290-321 | 2 | Screw-HWH |
| 28 | 3296-12 | 2 | Nut-Lock, NI |
| 29 | 107069 | 2 | Clip |
| 30 | 80-9330 | 1 | Audio Alarm ASM |
| 30:1 | 104-5107 | 1 | Nut-Plastic, Knurled |



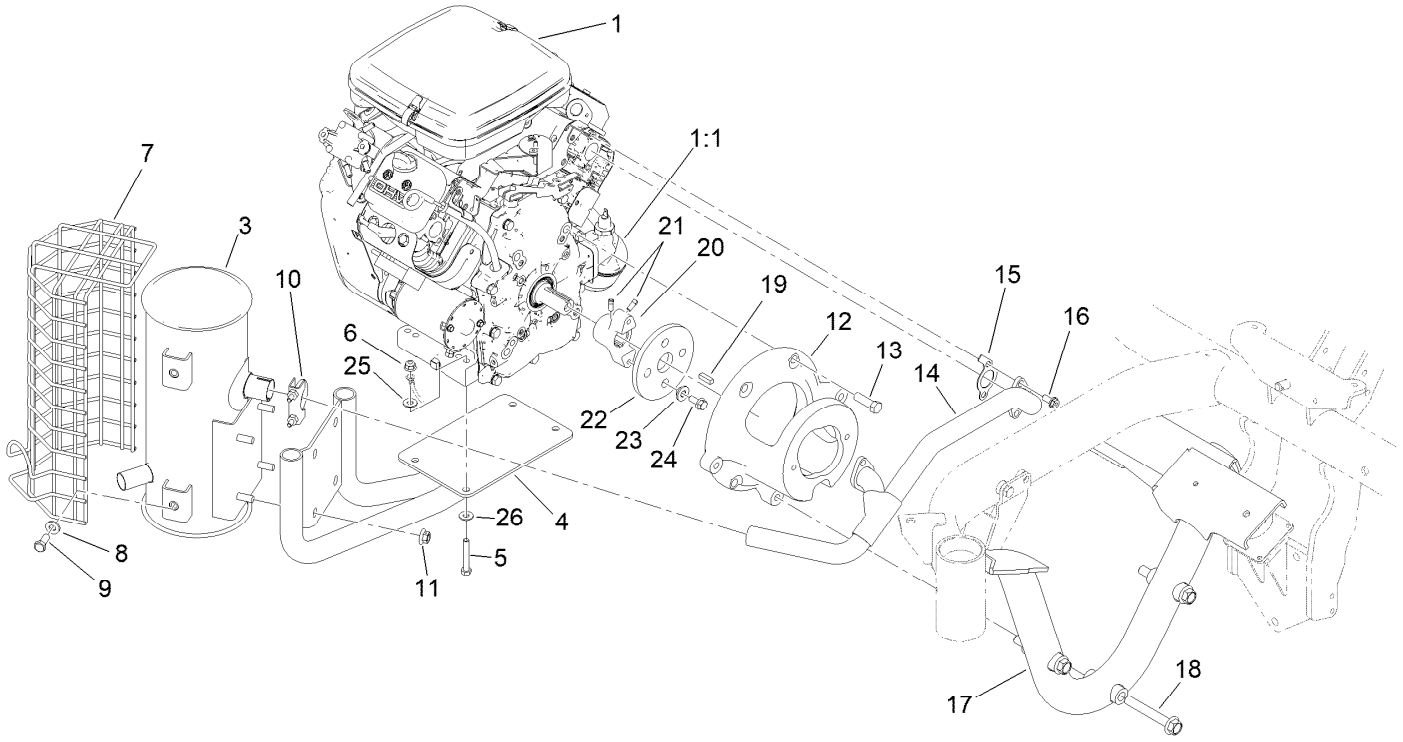

# Ignition, Throttle and Choke Control Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-1652 | 1 | Throttle |
| 3 | 3290-321 | 2 | Screw-HWH |
| 4 | 3290-277 | 4 | Nut-Speed |
| 5 | 131-2046 | 1 | Decal-Light, Console |
| 6 | 121-5159 | 1 | Switch-Ignition |
| 6:1 | 121-5160 | 1 | Nut-Hex |
| 6:2 | 122-2704 | 1 | Nut-Face, M22 (Plastic) |
| 6:3 | 121-5162 | 1 | Set-Key, Ignition |
| 7 | 139-6492 | 1 | Decal-Warning Lights |
| 9 | 99-7420 | 2 | Plug-Hole |
| 11 | 140-5288 | 2 | Light-Indicator |
| 13 | 132-9540 | 1 | Lever-Choke |
| 15 | 99-7410 | 1 | Indicator-Light, Low-Oil Pressure |
| 17 | 120-9751 | 1 | Knob-Oval, Black |
| 24 | 3290-144 | 2 | Screw-SHWH |




# Console Cable Routing Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 5 | 3290-379 | 4 | Tie-Cable |
| 6 | 120-1959 | 1 | Clamp |

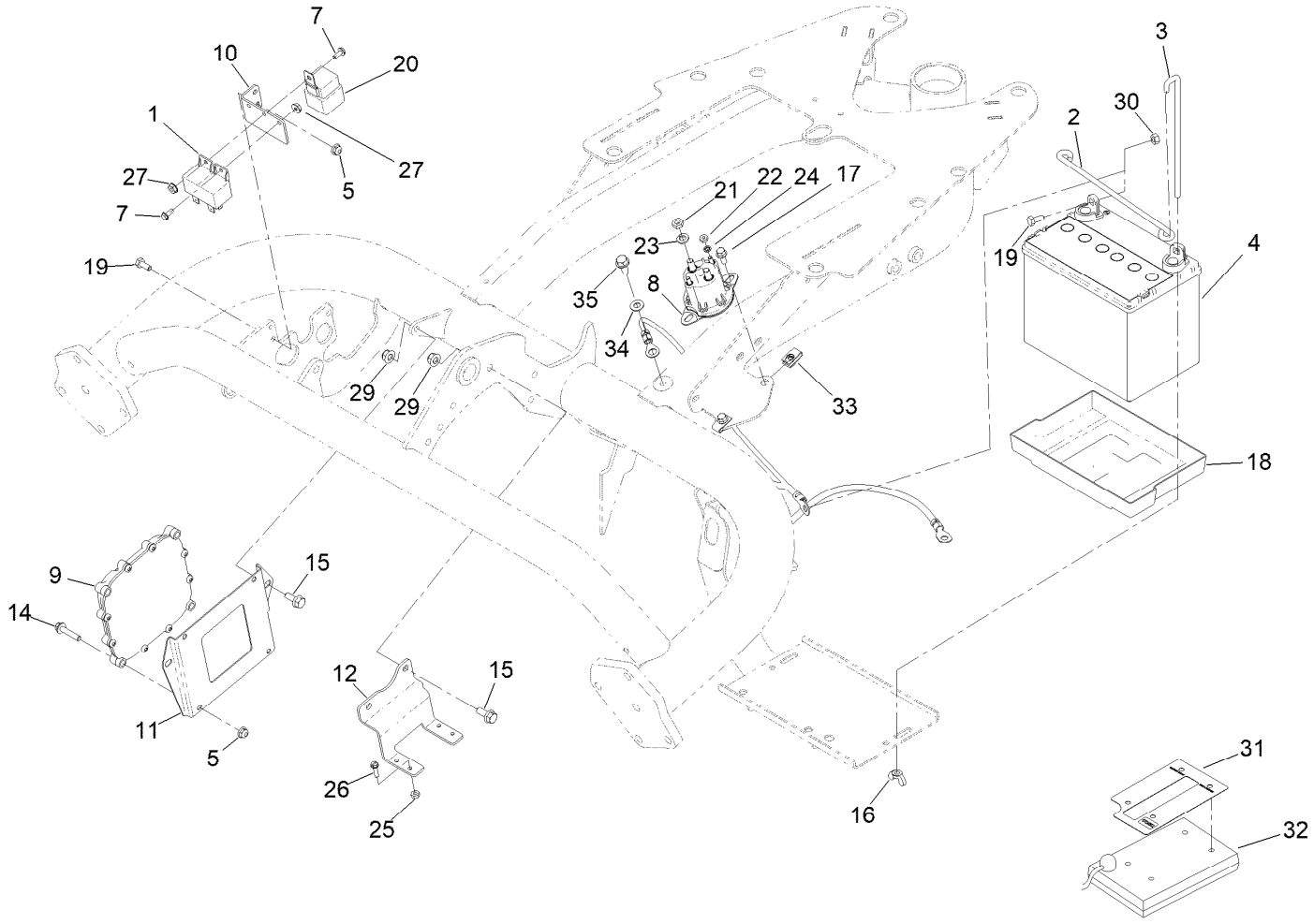



# Engine and Exhaust Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 139-6522 | 1 | Engine-Briggs Stratton,Vanguard ■ |
| 1:1 | 107-7817 | 1 | Filter-Oil, Engine |
| 1:2 | 147-3139 | 1 | Filter-Air ● |
| 3 | 110-4001 | 1 | Muffler |
| 4 | 117-4364-03 | 1 | Mount-Muffler |
| 5 | 322-10 | 4 | Screw-HH |
| 6 | 104-8300 | 4 | Nut-HF, NI |
| 7 | 112-0291 | 1 | Shield-Muffler |
| 8 | 100-4852 | 4 | Washer-Hardened |
| 9 | 323-5 | 4 | Screw-HH |
| 10 | 2112-11 | 1 | Clamp-Muffler |
| 11 | 32128-19 | 4 | Nut-HF Lock,Large Flg |
| 12 | 117-4363-0P | 1 | Mount-Pump (Machining) |
| 13 | 324-32 | 4 | Screw-HH |
| 14 | 117-4379 | 1 | Manifold-Exhaust |
| 15 | 115-8154 | 2 | Gasket-Manifold, Exhaust |
| 16 | 94-5300 | 4 | Screw-HHF |
| 17 | 117-4442-03 | 1 | Frame-Engine |
| 18 | 126-3900 | 3 | Screw-HHF |
| 19 | 10-7070 | 1 | Key-Square |
| 20 | 117-9278 | 1 | Hub-Engine |
| 21 | 3241-7 | 2 | Screw-SQH |
| 22 | 115-5129 | 1 | Coupling-Rubber |
| 23 | 125-9249 | 2 | Spacer-Coupler, Rubber |
| 24 | 98-9940 | 2 | Screw-HHF |
| 25 | 3256-23 | 1 | Washer-Plain |
| 26 | 87-8640 | 4 | Washer-Flat |

● Not illustrated

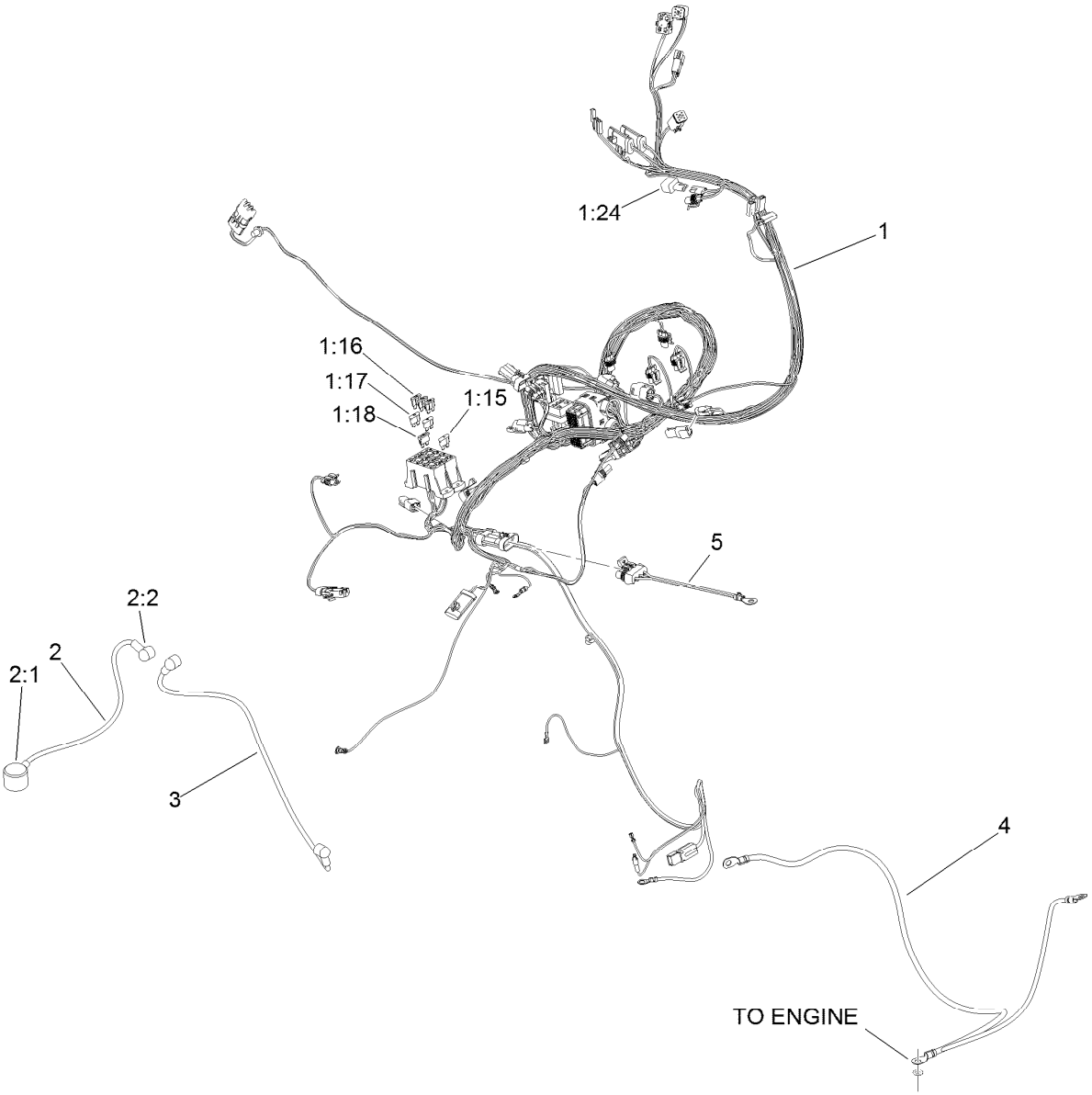
■ Obtain parts from www.briggsandstratton.com




# Battery Assembly

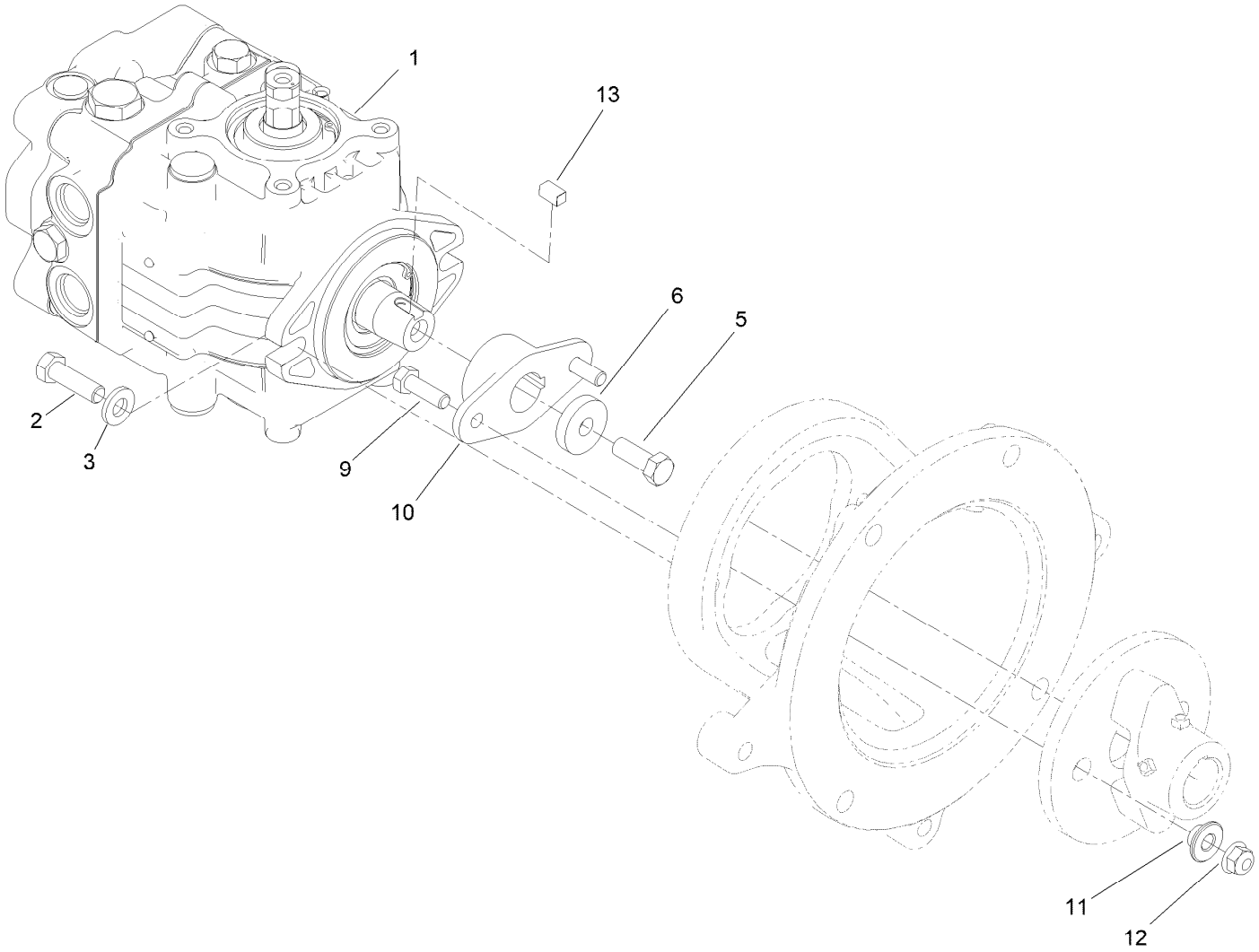
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 99-7435 | 2 | Relay |
| 2 | 100-6434 | 1 | Rod-Hold Down, Battery |
| 3 | 100-6435 | 2 | Post-Battery |
| 4 | 99-7421 | 1 | Battery- Wet, 12V, 300 CCA |
| 5 | 104-7201 | 6 | Nut-HF, NI |
| 7 | 112-6349 | 2 | Screw-HWH |
| 8 | 114-3315 | 1 | Solenoid |
| 9 | 115-1900 | 1 | Controller |
| 10 | 119-2097-01 | 1 | Bracket-Relay |
| 11 | 119-2099-01 | 1 | Plate-Mounting, Controller |
| 12 | 119-2119-01 | 1 | Bracket-Block, Fuse |
| 14 | 3234-21 | 4 | Screw-HHF |
| 15 | 3234-47 | 4 | Screw-HHF |
| 16 | 32103-22 | 2 | Nut-Wing |
| 17 | 3234-33 | 2 | Screw-HHF |
| 18 | 106948 | 1 | Tray-Battery |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 19 | 321-3 | 2 | Screw-HH |
| 20 | 99-7430 | 1 | Relay-Mini |
| 21 | 3220-2 | 2 | Nut-Hex Jam |
| 22 | 3219-14 | 2 | Nut-Hex |
| 23 | 3253-4 | 2 | Washer-Lock |
| 24 | 3254-1 | 2 | Washer-Lock, Int |
| 25 | 3296-2 | 4 | Nut-Lock, NI |
| 26 | 32105-13 | 4 | Screw-HWH |
| 27 | 32149-8 | 2 | Nut-Keps |
| 29 | 104-8300 | 4 | Nut-HF, NI |
| 30 | 3217-5 | 2 | Nut-Hex |
| 31 | 115-8227 | 1 | Decal-Controller |
| 32 | 85-4750 | 1 | Box-Display, Diagnostic |
| 33 | 107069 | 2 | Clip |
| 34 | 3256-23 | 1 | Washer-Plain |
| 35 | 32104-32 | 1 | Screw-HWH |



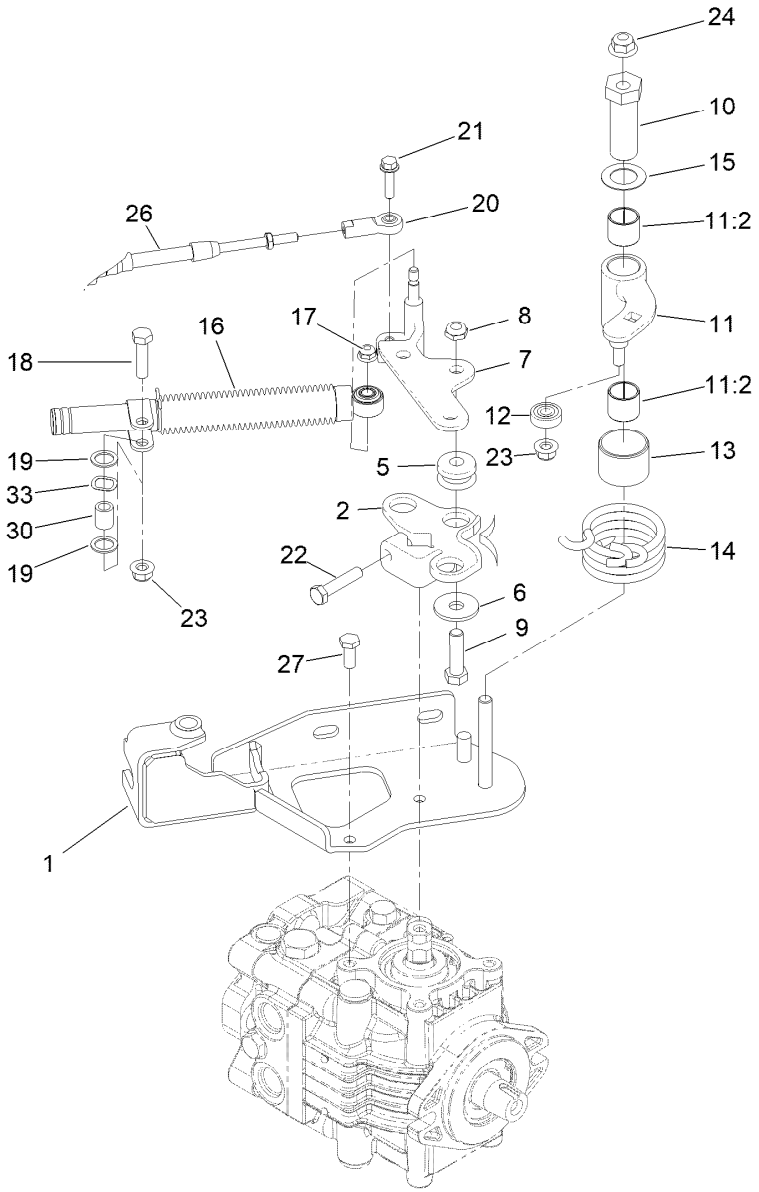

# Wire Harness Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 122-1736 | 1 | Harness-Wire, Triflex Gas |
| 1:15 | 94-6710 | 1 | Fuse-2 Amp |
| 1:16 | 114241 | 3 | Fuse-Blade, 7.5 Amp |
| 1:17 | 218-578 | 2 | Fuse-Blade, 10 Amp |
| 1:18 | 109355 | 1 | Fuse-Blade, 15 Amp |
| 1:24 | 104-4022 | 1 | Resistor-75 Ohm |
| 2 | 109-7653 | 1 | Positive Battery Cable ASM |
| 2:1 | 109-2407 | 1 | Insulator-Battery |
| 2:2 | 1-543393 | 1 | Insulator-Solenoid |
| 3 | 119-1781 | 1 | Cable-Battery, Positive |
| 4 | 114-9748 | 1 | Cable-Battery, Negative |
| 5 | 99-3441 | 1 | Harness-Wire, Fusible Link |




# Pump Coupling Assembly

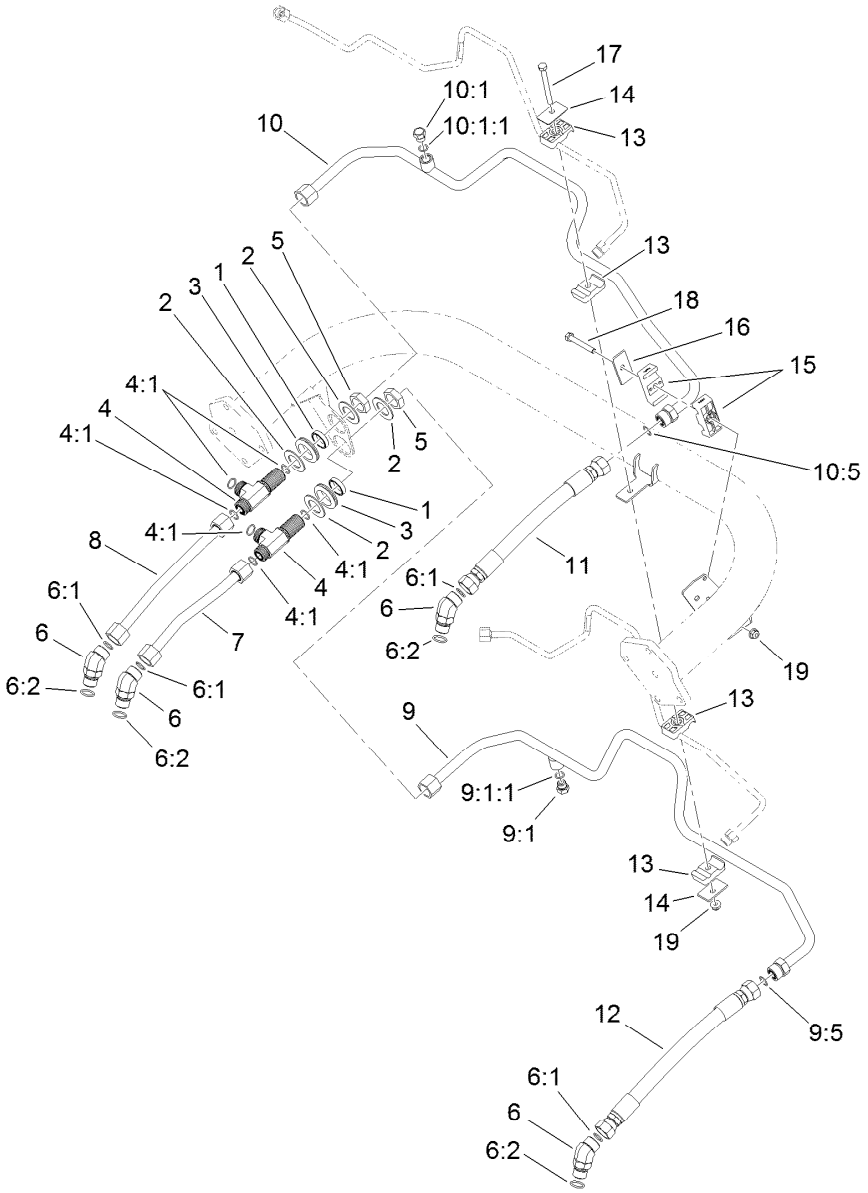
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 139-6474 | 1 | Pump-Hydro, Danfoss |
| 2 | 323-7 | 2 | Screw-HH |
| 3 | 100-4852 | 2 | Washer-Hardened |
| 5 | 3211-4 | 1 | Screw-HH |
| 6 | 138-8594 | 1 | Spacer |
| 9 | 322-5 | 2 | Screw-HH |
| 10 | 119-4485 | 1 | Hub-Pump |
| 11 | 125-9249 | 2 | Spacer-Coupler, Rubber |
| 12 | 104-8300 | 2 | Nut-HF, NI |
| 13 | 145-4589 | 1 | Key-Squ |




# Neutral Centering Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 140-5211-03 | 1 | Bracket-Cable, Hydro [black] |
| 2 | 140-5231 | 1 | Cam-Neutral |
| 5 | 63-9750 | 3 | Mount |
| 6 | 93-8806 | 3 | Washer-Hardened |
| 7 | 140-5221 | 1 | Lever-Hydro |
| 8 | 3296-59 | 3 | Nut-Lock, NI |
| 9 | 323-29 | 3 | Screw-HH |
| 10 | 117-9046 | 1 | Stud-Eccentric |
| 11 | 145-0071 | 1 | Neutral Arm ASM |
| 11:2 | 94-9609 | 2 | Bushing-Straight |
| 12 | 251-259 | 1 | Bearing-Ball |
| 13 | 136-8418 | 1 | Bushing |
| 14 | 117-9047 | 1 | Spring-Torsion |

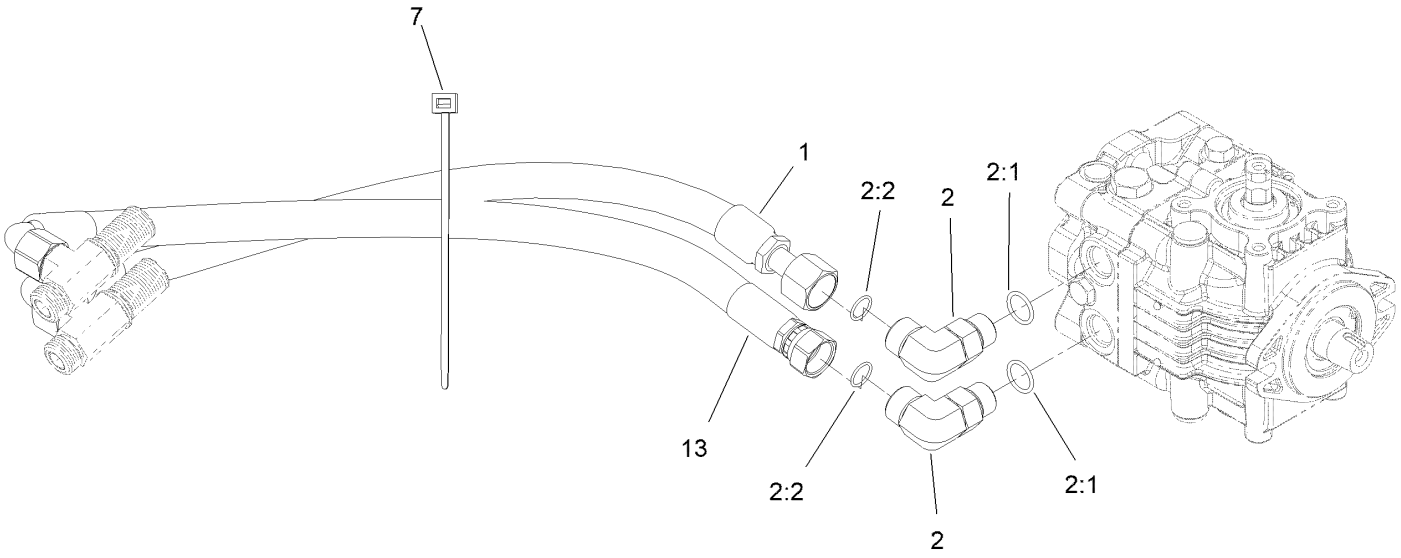
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 15 | 119-8199 | 1 | Washer-Nylon |
| 16 | 140-6248 | 1 | Damper |
| 17 | 104-7201 | 1 | Nut-HF, NI |
| 18 | 322-6 | 1 | Screw-HH |
| 19 | 94-8196 | 2 | Washer-Nylon |
| 20 | 2411-41 | 1 | Rod End-Ball Joint |
| 21 | 119-1066 | 1 | Screw-HHF, Patch |
| 22 | 120-2779 | 1 | Screw-HH |
| 23 | 104-8300 | 2 | Nut-HF, NI |
| 24 | 104-8301 | 1 | Nut-HF, NI |
| 26 | 119-1735 | 1 | Cable-Control, Traction |
| 27 | 33114-020 | 2 | Screw-HH |
| 30 | 94-8197 | 1 | Tube-Pivot |
| 33 | 108473 | 1 | Washer-Wave |




# Traction Drive Hydraulic Line Assembly

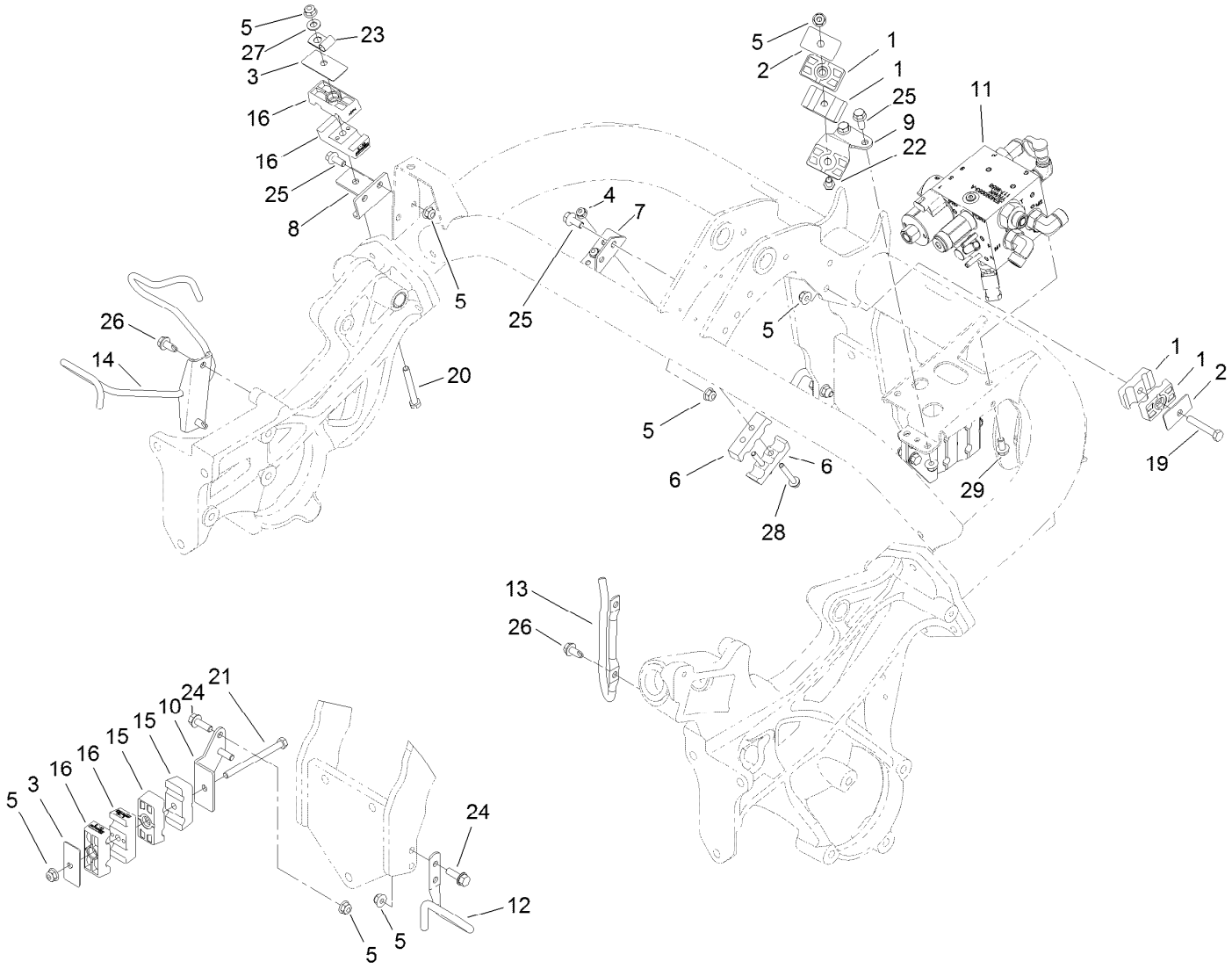
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-1984 | 2 | Spacer |
| 2 | 69-9010 | 4 | Washer |
| 3 | 240-3 | 2 | Grommet-Rubber |
| 4 | 94-5350 | 2 | Fitting-Tee |
| 4:1 | 237-65 | 3 | O-Ring |
| 5 | 340-74 | 2 | Nut-Lock, Bulkhead |
| 6 | 340-14 | 4 | Fitting-HYD, 45 DEG |
| 6:1 | 237-65 | 1 | O-Ring |
| 6:2 | 237-80 | 1 | O-Ring |
| 7 | 119-2057 | 1 | Tube-HYD |
| 8 | 119-2058 | 1 | Tube-HYD |
| 9 | 119-2063 | 1 | Tube-HYD |
| 9:1 | 353-508 | 1 | Plug-HH |
| 9:1:1 | 237-42 | 1 | O-Ring |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 9:5 | 237-65 | 1 | O-Ring |
| 10 | 119-2064 | 1 | HYD Tube ASM |
| 10:1 | 353-508 | 1 | Plug-HH |
| 10:1:1 | 237-42 | 1 | O-Ring |
| 10:5 | 237-65 | 1 | O-Ring |
| 11 | 115-9484 | 1 | Hose-HYD |
| 12 | 115-9485 | 1 | Hose-HYD |
| 13 | 56-7970 | 4 | Clamp-Tube |
| 14 | 69-9760 | 2 | Plate-Cover |
| 15 | 138-5045 | 2 | Clamp-Tube |
| 16 | 69-9761 | 1 | Plate-Cover |
| 17 | 322-20 | 1 | Screw-HH |
| 18 | 322-12 | 1 | Screw-HH |
| 19 | 104-8300 | 2 | Nut-HF, NI |




# Traction Drive Hose Routing Assembly

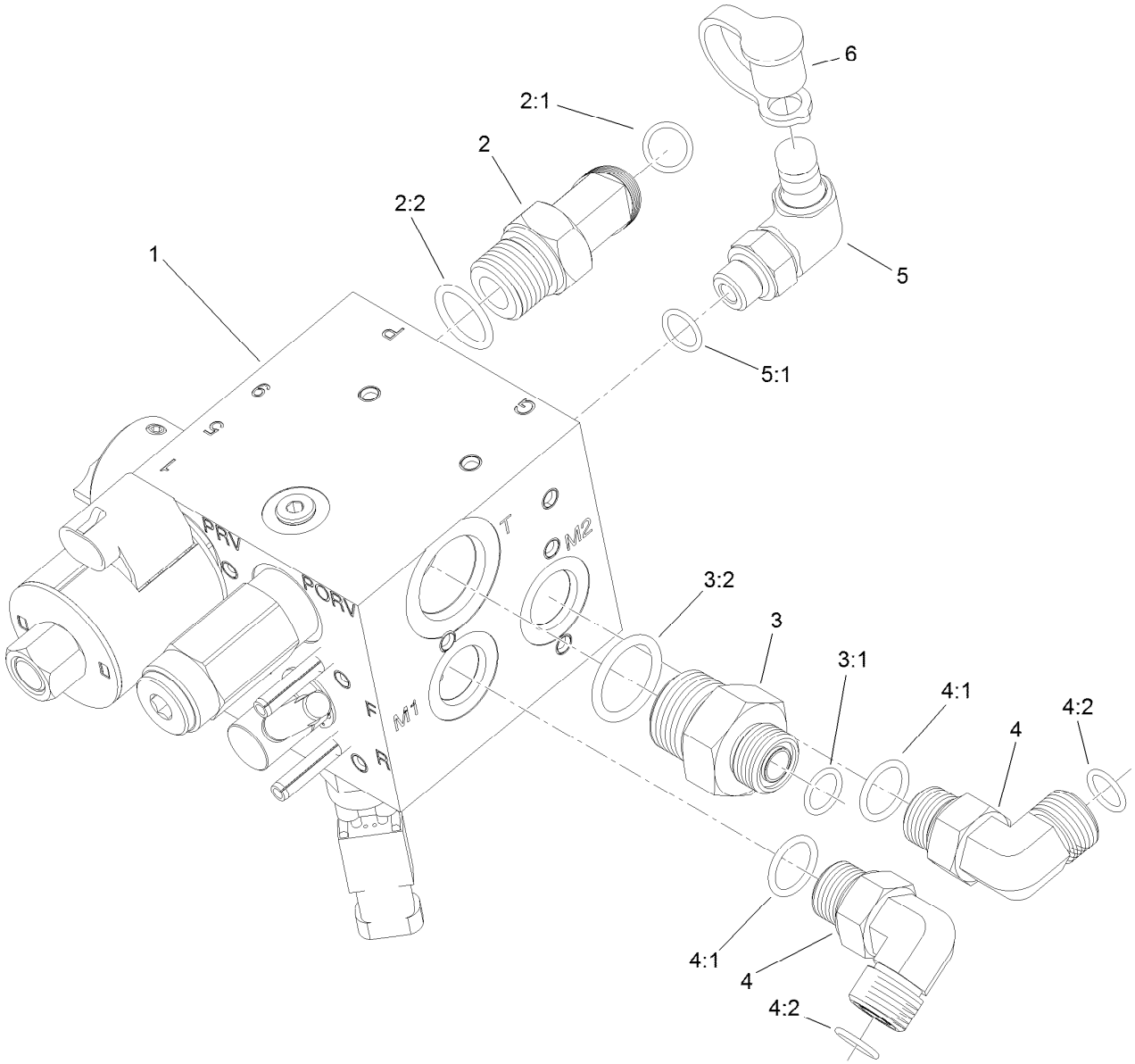
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-2060 | 1 | Hose-HYD |
| 2 | 340-17 | 2 | Fitting-Elbow, 90 DEG |
| 2:1 | 237-65 | 1 | O-Ring |
| 2:2 | 237-80 | 1 | O-Ring |
| 7 | 3290-378 | 1 | Tie-Cable |
| 13 | 120-1988 | 1 | Hose-HYD |




# Hydraulic Mow Assembly

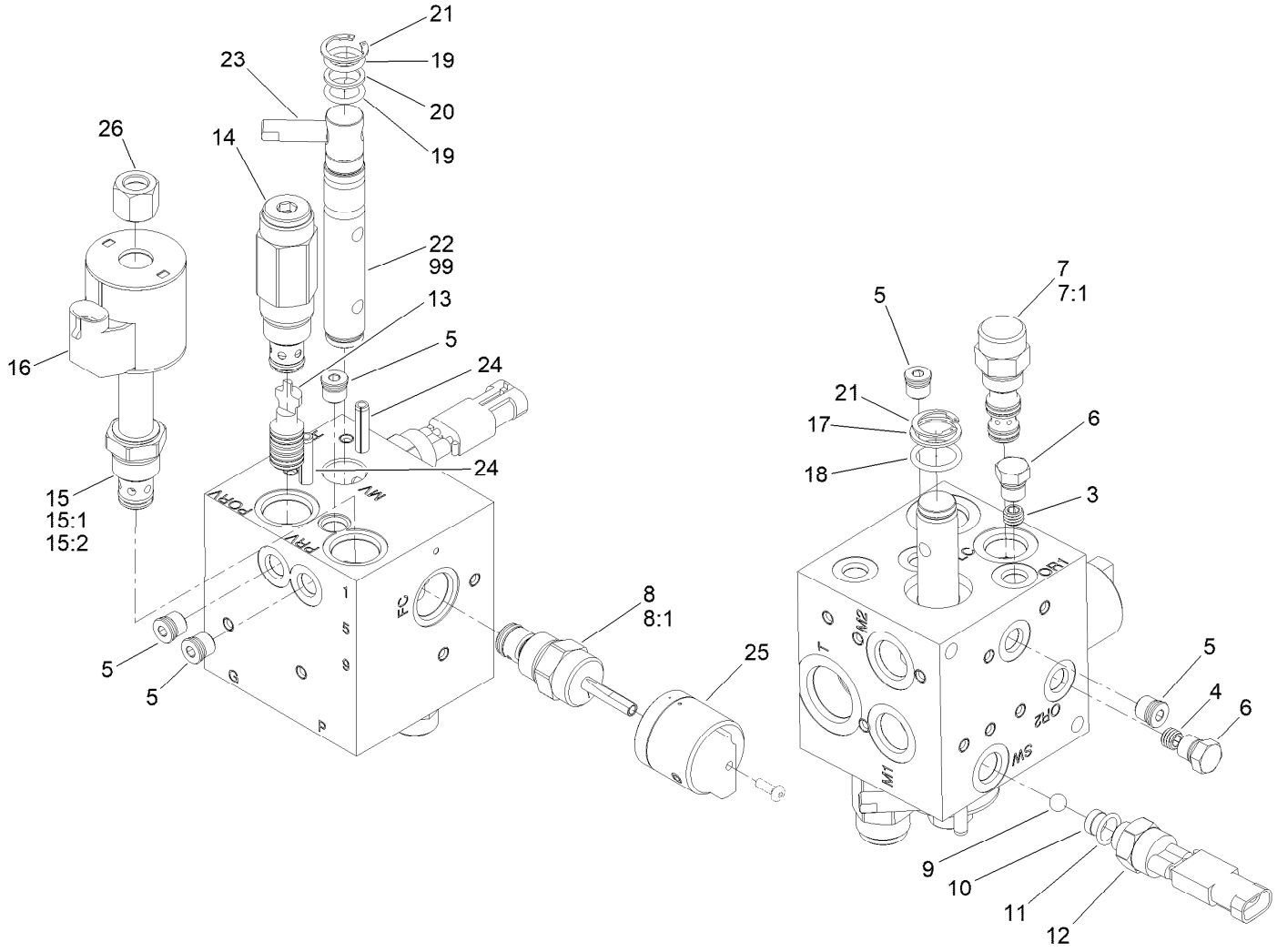
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 56-7972 | 4 | Clamp-Tube |
| 2 | 69-9760 | 2 | Plate-Cover |
| 3 | 69-9761 | 2 | Plate-Cover |
| 4 | 104-7201 | 2 | Nut-HF, NI |
| 5 | 104-8300 | 14 | Nut-HF, NI |
| 6 | 119-2082 | 2 | Clamp-Tube |
| 7 | 119-2091 | 1 | Bracket-Tube |
| 8 | 119-2095 | 1 | Bracket-Tube |
| 9 | 119-2106 | 1 | Bracket-Clamp |
| 10 | 119-4493 | 1 | Bracket-Support, Tube |
| 11 | | 1 | Mow Manifold ASM ● |
| 12 | 121-6671 | 1 | Wireform Hose Support |
| 13 | 121-6667 | 1 | Wireform-Hose, HYD |
| 14 | 119-8109-03 | 1 | Bracket-Hose |
| 15 | 119-8156 | 2 | Clamp-Tube |
| 16 | 138-5044 | 4 | Clamp-Tube |
| 19 | 322-10 | 1 | Screw-HH |
| 20 | 322-12 | 1 | Screw-HH |
| 21 | 322-19 | 1 | Screw-HH |
| 22 | 322-21 | 1 | Screw-HH |
| 23 | 2412-113 | 1 | Clamp-R |
| 24 | 3234-29 | 4 | Screw-HHF |
| 25 | 3234-47 | 6 | Screw-HHF |
| 26 | 32104-32 | 4 | Screw-HWH |
| 27 | 3256-23 | 1 | Washer-Plain |
| 28 | 32105-18 | 2 | Screw-HHF |
| 29 | 3234-7 | 2 | Screw-HHF |

● Not serviced separately




# Hydraulic Mow Manifold Assembly

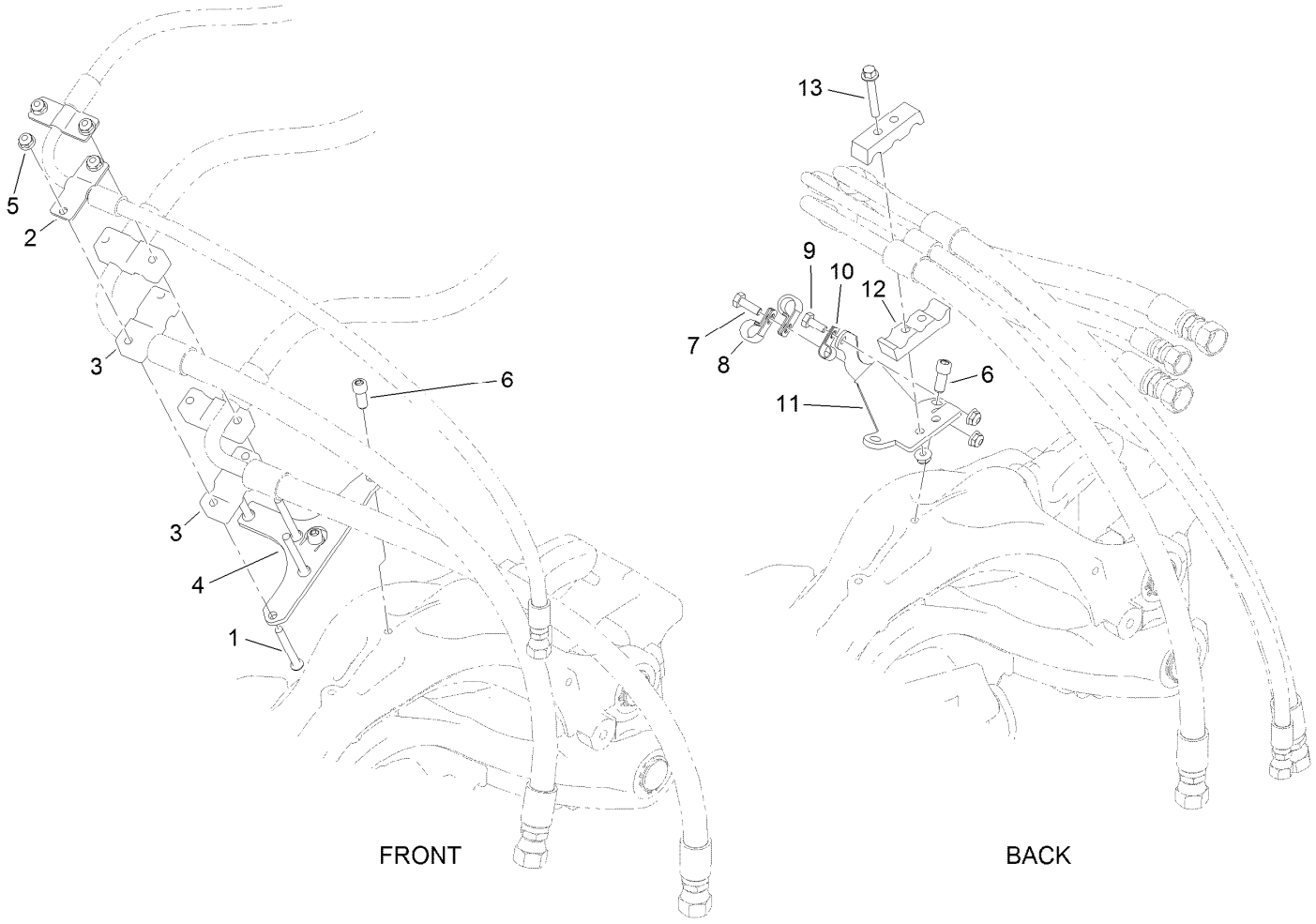
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 147-3079 | 1 | Block-Manifold |
| 2 | 340-89 | 1 | Fitting-HYD, 45 DEG |
| 2:1 | 237-30 | 1 | O-Ring |
| 2:2 | 237-80 | 1 | O-Ring |
| 3 | 100-4240 | 1 | Fitting-STR |
| 3:1 | 237-30 | 1 | O-Ring |
| 3:2 | 237-81 | 1 | O-Ring |
| 4 | 340-98 | 2 | Fitting-Elbow, 90 DEG |
| 4:1 | 237-79 | 1 | O-Ring |
| 4:2 | 237-30 | 1 | O-Ring |
| 5 | 115-9147 | 1 | Fitting-Elbow, 90 DEG |
| 5:1 | 237-78 | 1 | O-Ring |
| 6 | 354-79 | 1 | Cap-Dust |




# Hydraulic Mow Manifold Assembly No. 147-3079

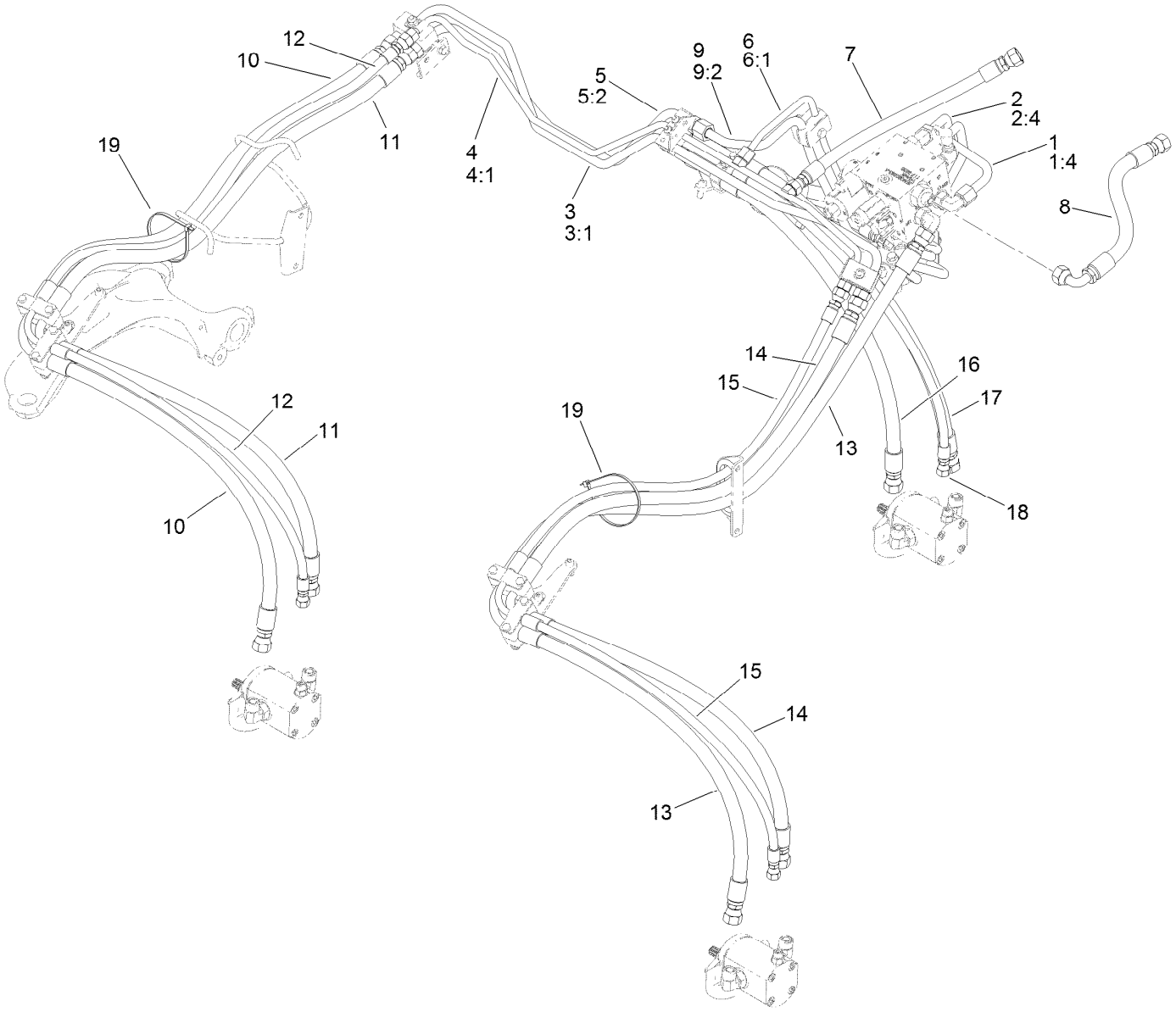
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 3 | 120-5761 | 1 | Orifice (.020) |
| 4 | 112-9202 | 1 | Orifice-Flow, Control (.060) |
| 5 | 106-1025 | 3 | Plug-HYD |
| 6 | 117-0115 | 2 | Plug |
| 7 | 120-5762 | 1 | Element-Logic |
| 7:1 | 110-8773 | 1 | Seal Kit |
| 8 | 147-3068 | 1 | Valve-Control, Manual Flow |
| 8:1 | 132-6231 | 1 | Seal Kit |
| 9 | 117-4605 | 1 | Ball-SS |
| 10 | 119-7145 | 1 | Shim-SS |
| 11 | 110-8757 | 1 | O-Ring |
| 12 | 72-4320 | 1 | Switch-Ball |
| 13 | 119-7146 | 1 | Piston-Pilot (With Seals) |
| 14 | 119-7147 | 1 | Valve-Relief |
| 15 | 110-8799 | 1 | Valve-Relief, Proportional |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 15:1 | 110-6316 | 1 | Seal Kit |
| 15:2 | 130-8180 | 1 | Nut-Coil (9/16-24 Unef-2B) |
| 16 | 110-6344 | 1 | Coil-12V, DC |
| 17 | 106-8139 | 1 | Ring-Back Up |
| 18 | 117-4607 | 1 | O-Ring |
| 19 | 117-4606 | 2 | O-Ring |
| 20 | 112-6534 | 1 | Ring-Back Up |
| 21 | 112-6532 | 2 | Ring-Retaining |
| 22 | 119-7141 | 1 | Spool |
| 23 | 110-8758 | 1 | Handle-Spool |
| 24 | 112-6531 | 2 | Pin-Spring |
| 25 | 119-7140 | 1 | Knob |
| 26 | 130-8180 | 1 | Nut-Coil (9/16-24 Unef-2B) |
| 99 | 119-7142 | 1 | Kit-Seal, Spool |




# Hydraulic Mow Clamp Assembly

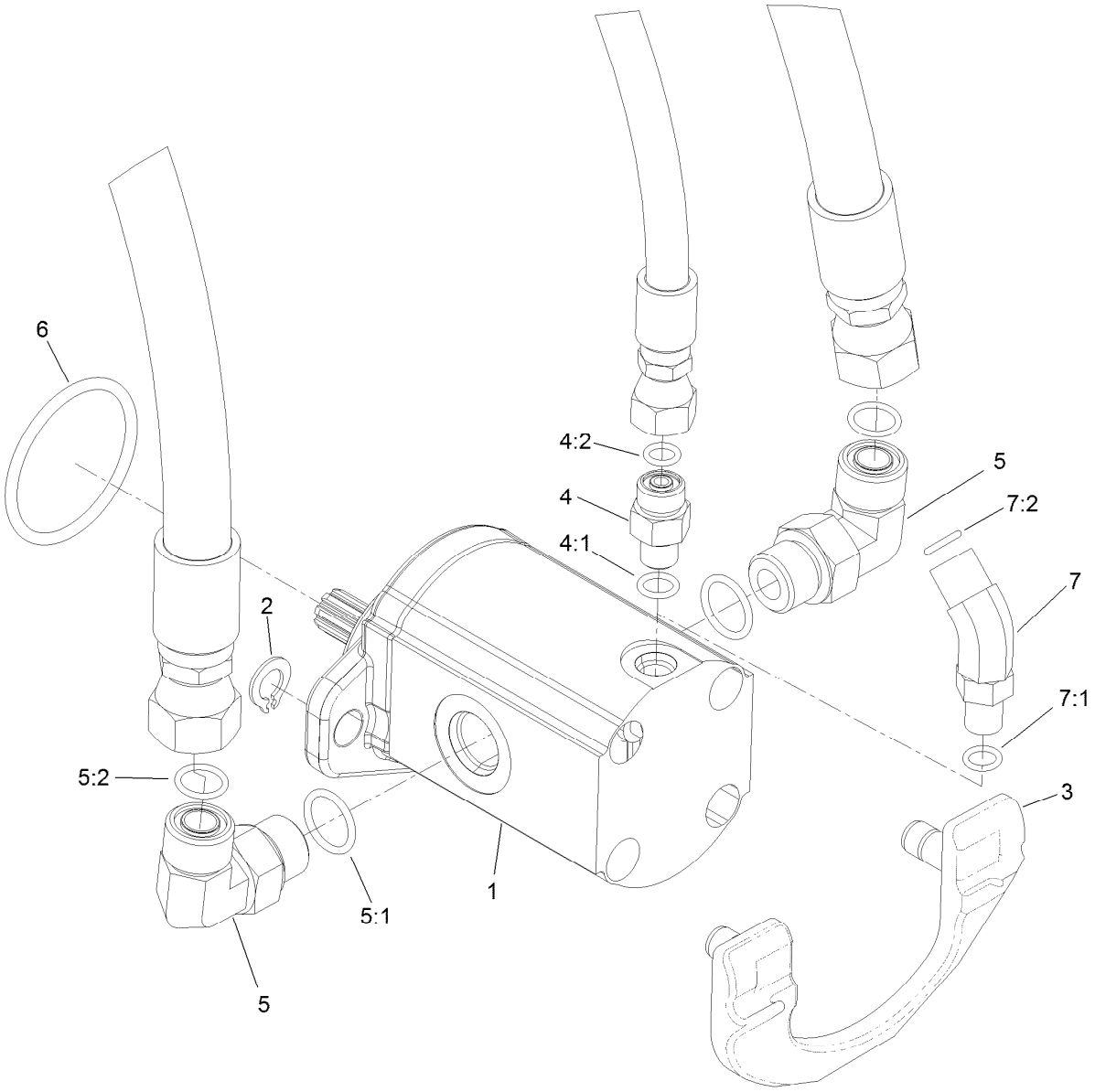
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 120-2011 | 8 | Screw-HSBH |
| 2 | 119-8142 | 4 | Strap |
| 3 | 119-8141 | 8 | Clamp-Tube |
| 4 | 119-8143-03 | 2 | Bracket-Clamp, Hose |
| 5 | 104-7201 | 12 | Nut-HF, NI |
| 6 | 100-2401 | 6 | Screw-HSH |
| 7 | 321-4 | 1 | Screw-HH |
| 8 | 2412-73 | 2 | Clamp-R |
| 9 | 321-3 | 1 | Screw-HH |
| 10 | 2412-89 | 1 | Clamp-R |
| 11 | 119-8172-03 | 1 | Bracket-Hose |
| 12 | 119-2082 | 2 | Clamp-Tube |
| 13 | 32105-18 | 2 | Screw-HHF |




# Hydraulic Mow
# Hose Routing Assembly

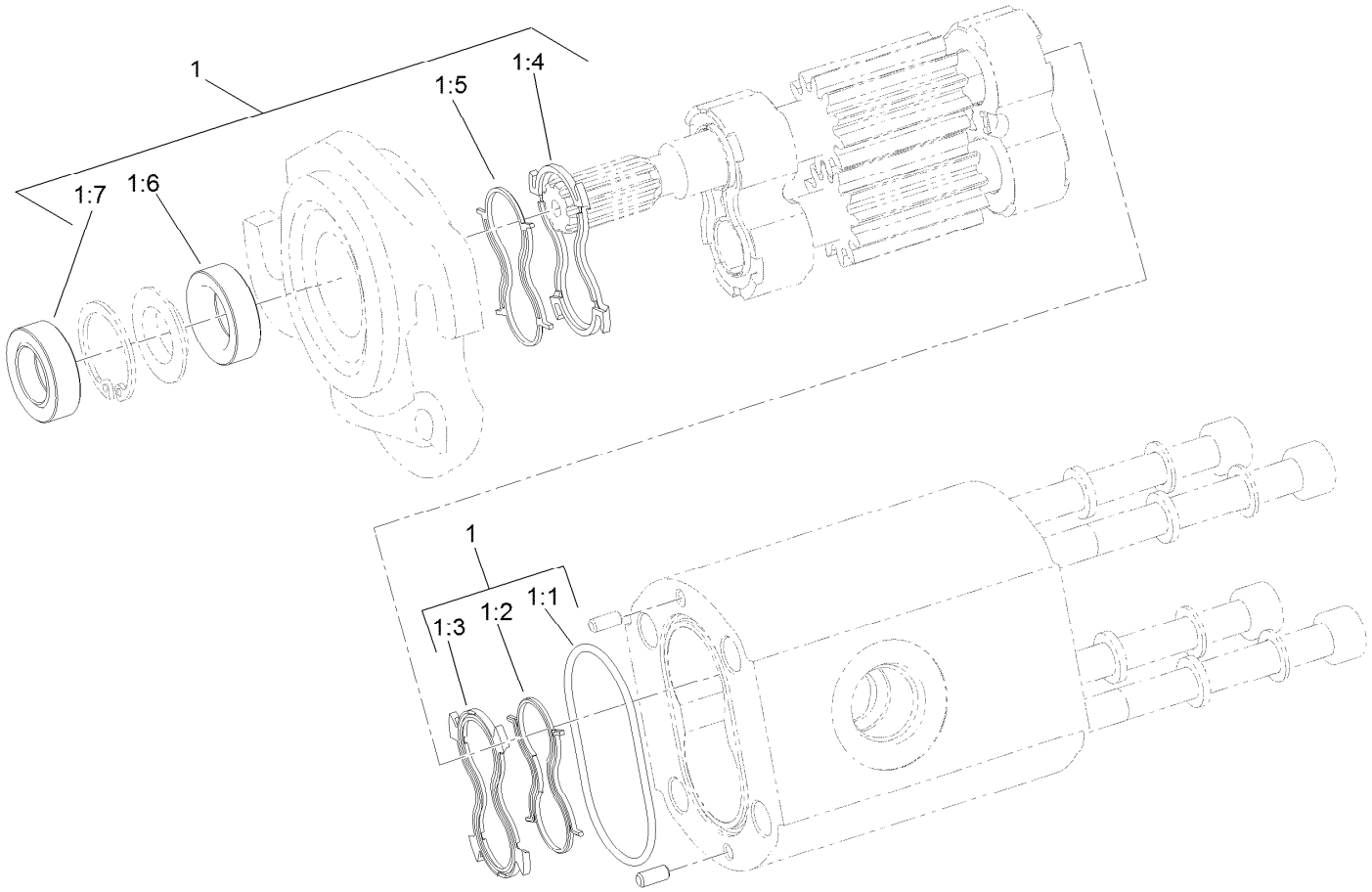
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 117-9347 | 1 | HYD Tube ASM |
| 1:4 | 237-30 | 1 | O-Ring |
| 2 | 119-2073 | 1 | HYD Tube ASM |
| 2:4 | 237-30 | 1 | O-Ring |
| 3 | 119-2078 | 1 | HYD Tube ASM |
| 3:1 | 237-30 | 2 | O-Ring |
| 4 | 119-2079 | 1 | HYD Tube ASM |
| 4:1 | 237-22 | 4 | O-Ring |
| 5 | 119-2084 | 1 | HYD Tube ASM |
| 5:2 | 237-30 | 2 | O-Ring |
| 6 | 119-2085 | 1 | HYD Tube ASM |
| 6:1 | 237-22 | 1 | O-Ring |
| 7 | 119-2089 | 1 | Hose-HYD (Case To Tank) |
| 8 | 119-8106 | 1 | Hose-HYD (Mow Block/Tank) |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 9 | 119-8122 | 1 | HYD Tube ASM |
| 9:2 | 237-30 | 1 | O-Ring |
| 10 | 140-5282 | 1 | HYD Hose ASM (Pressure #3) |
| 11 | 140-5283 | 1 | HYD Hose ASM (Return #3) |
| 12 | 139-6536 | 1 | Hose ASM Case 3 |
| 13 | 140-5284 | 1 | HYD Hose ASM (Pressure #2) |
| 14 | 140-5285 | 1 | HYD Hose ASM (Return #2) |
| 15 | 139-6535 | 1 | Hose ASM Case 2 |
| 16 | 140-5286 | 1 | HYD Hose ASM (Pressure #1) |
| 17 | 140-5287 | 1 | HYD Hose ASM (Return #1) |
| 18 | 139-6534 | 1 | Hose ASM Case 1 |
| 19 | 3290-379 | 2 | Tie-Cable |




# Hydraulic Mow
# Reel Motor Assembly

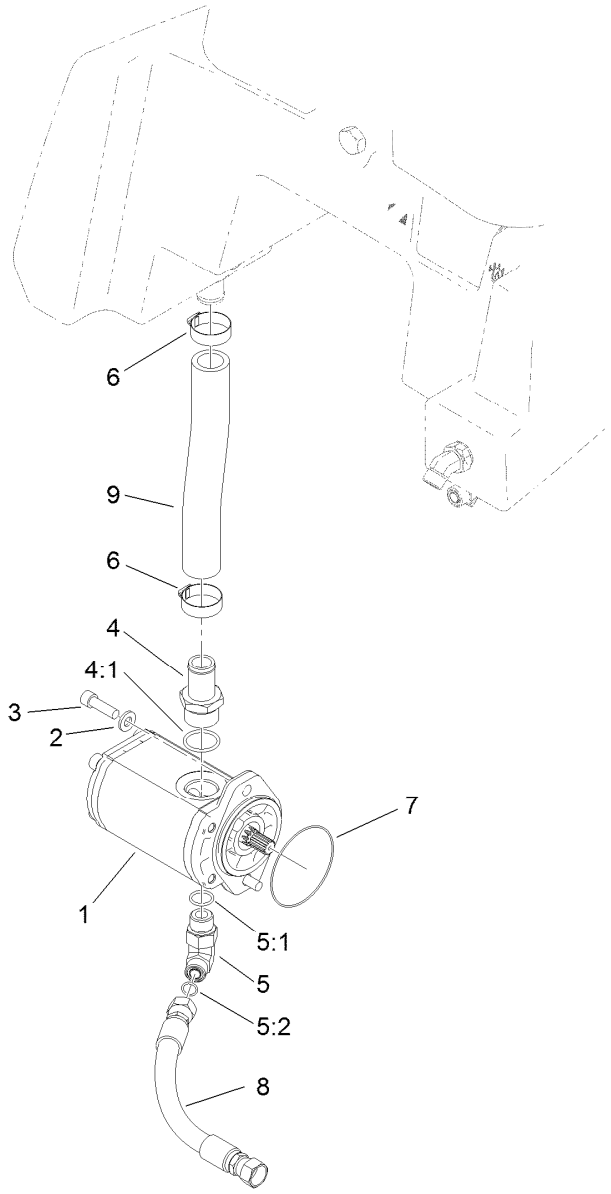
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 115-3321 | 3 | HYD Reel Motor ASM |
| 2 | 133-8926 | 6 | Ring-Retaining (Metric) |
| 3 | 115-5389 | 3 | Cam-Mount, Motor |
| 4 | 340-92 | 2 | Fitting-Straight |
| 4:1 | 237-78 | 1 | O-Ring |
| 4:2 | 237-21 | 1 | O-Ring |
| 5 | 340-98 | 6 | Fitting-Elbow, 90 DEG |
| 5:1 | 237-79 | 1 | O-Ring |
| 5:2 | 237-30 | 1 | O-Ring |
| 6 | 115-3298 | 3 | O-Ring |
| 7 | 340-103 | 1 | Fitting-HYD, 45 DEG |
| 7:1 | 237-78 | 1 | O-Ring |
| 7:2 | 237-21 | 1 | O-Ring |




# Hydraulic Reel Motor Assembly No. 115-3321

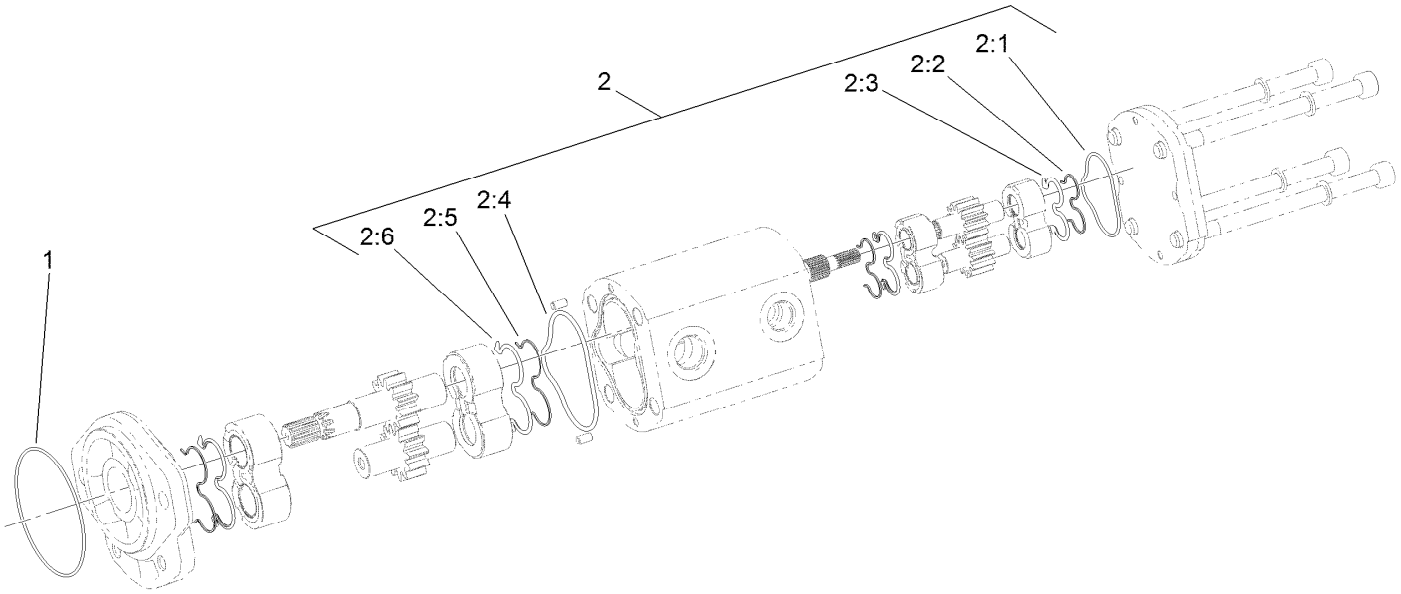
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 119-7113 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring Housing ● |
| 1:2 | | 1 | Seal-Anti Extrusion ● |
| 1:3 | | 1 | Seal-Plate, Balancing ● |
| 1:4 | | 1 | Seal-Plate, Balancing ● |
| 1:5 | | 1 | Seal-Anti Extrusion ● |
| 1:6 | | 1 | Seal-Shaft (Inboard) ● |
| 1:7 | | 1 | Seal-Shaft (Outboard) ● |

● Not serviced separately




# Hydraulic Mow
# Gear Pump Assembly

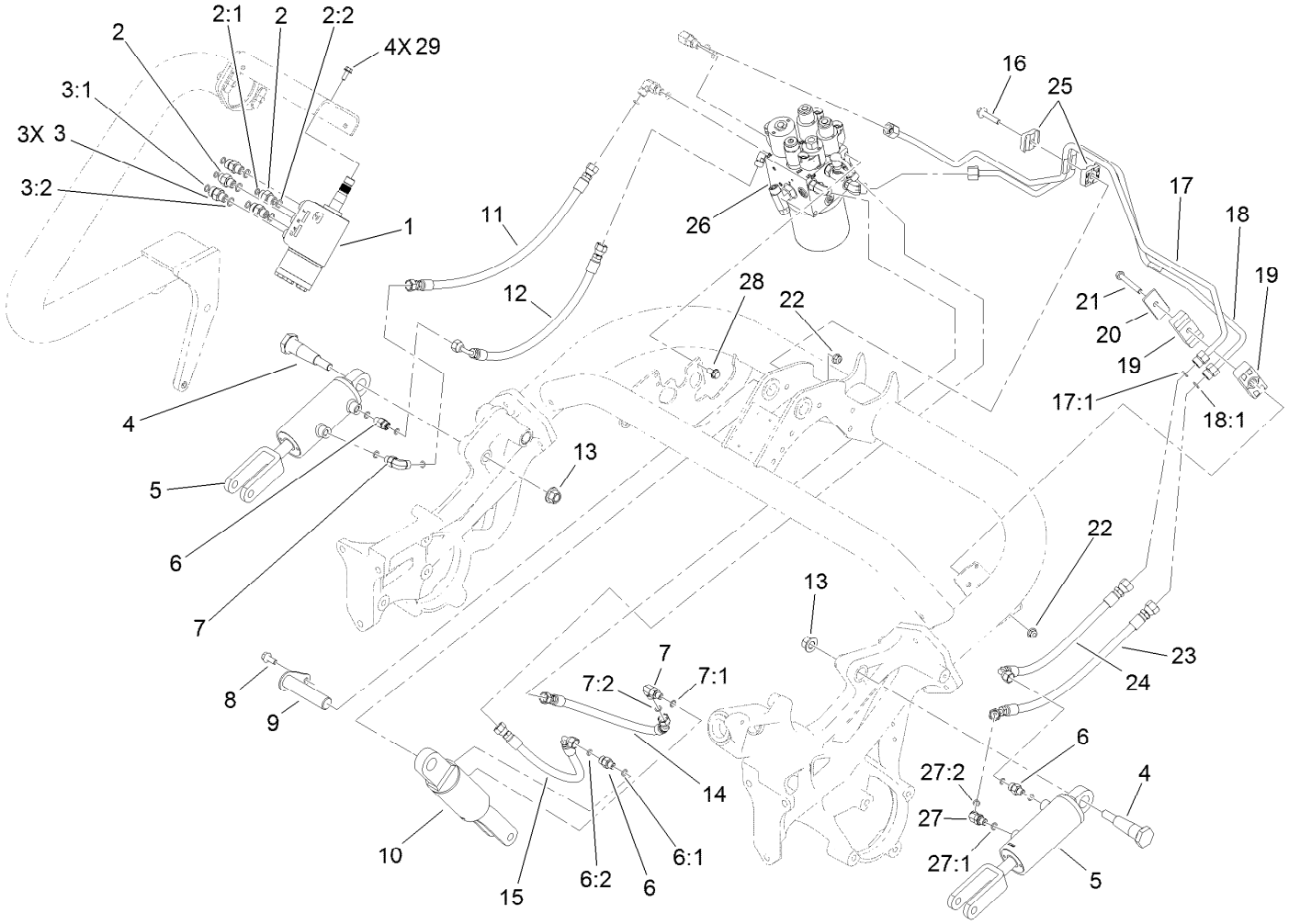
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 114-9956 | 1 | HYD Gear Pump ASM |
| 2 | 100-4852 | 2 | Washer-Hardened |
| 3 | AU862-10030 | 2 | Screw-HSH |
| 4 | 354-78 | 1 | Fitting-STR |
| 4:1 | 237-146 | 1 | O-Ring |
| 5 | 340-105 | 1 | Fitting-Elbow, 90 DEG |
| 5:1 | 237-80 | 1 | O-Ring |
| 5:2 | 237-30 | 1 | O-Ring |
| 6 | 2412-34 | 2 | Clamp-Hose |
| 7 | 237-161 | 1 | O-Ring |
| 8 | 119-2074 | 1 | Hose-HYD |
| 9 | 119-2069 | 1 | Hose-Suction |




# Hydraulic Gear Pump Assembly No. 114-9956

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 353-949 | 1 | O-Ring |
| 2 | 119-7134 | 1 | Kit-Seal |
| 2:1 | | 1 | O-Ring ● |
| 2:2 | | 2 | Seal-Extrusion, Anti ● |
| 2:3 | | 2 | Seal-Backup ● |
| 2:4 | | 1 | O-Ring ● |
| 2:5 | | 2 | Seal-Extrusion, Anti ● |
| 2:6 | | 2 | Seal-Backup ● |

● Not serviced separately

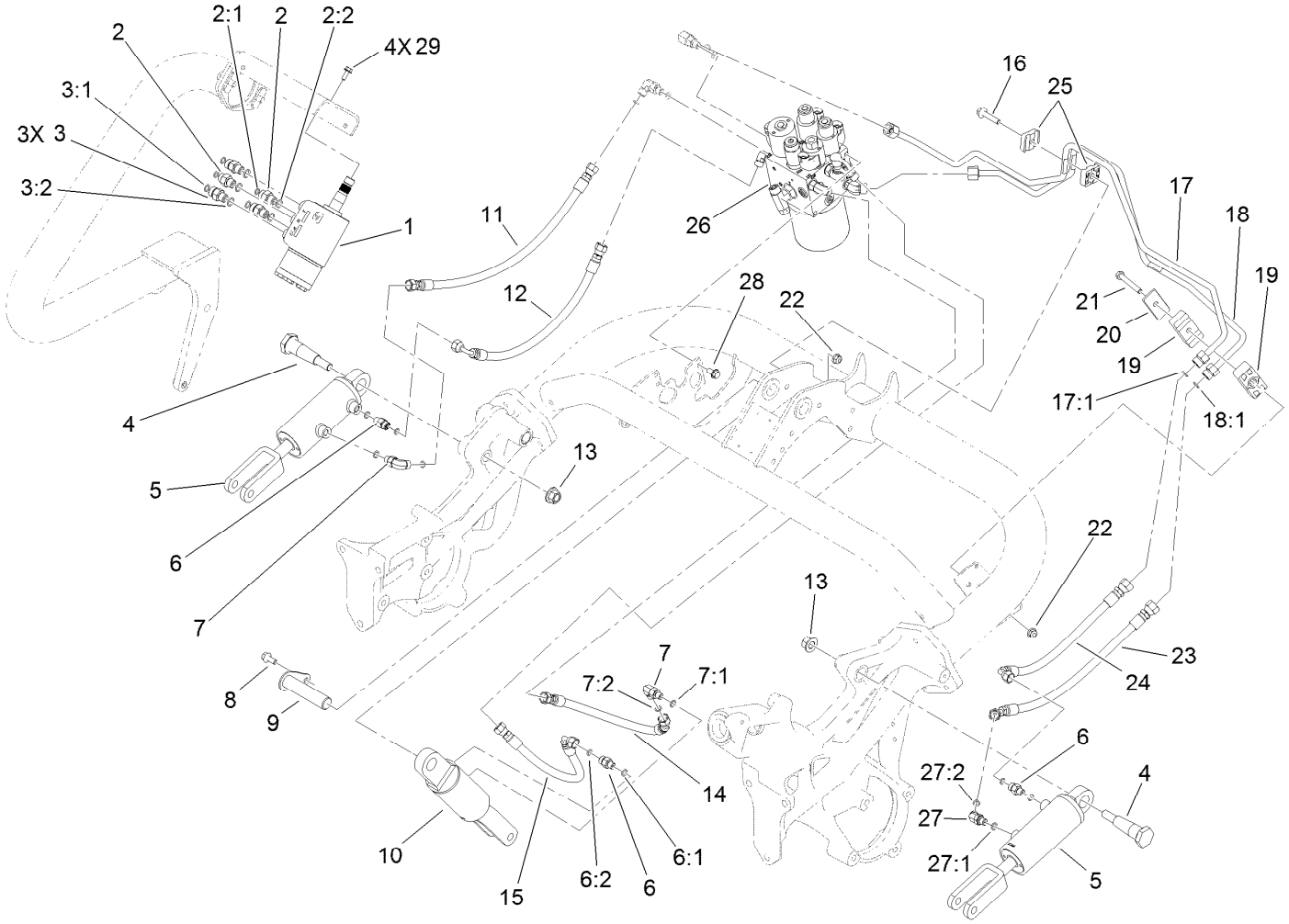



# Lift Circuit Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 114-4672 | 1 | Steering Valve ASM |
| 2 | 340-1 | 2 | Fitting-Straight |
| 2:1 | 237-21 | 1 | O-Ring |
| 2:2 | 237-42 | 1 | O-Ring |
| 3 | 340-2 | 3 | Fitting-Straight |
| 3:1 | 237-22 | 1 | O-Ring |
| 3:2 | 237-42 | 1 | O-Ring |
| 4 | 112-5709 | 2 | Pin-Tapered |
| 5 | 119-8129 | 2 | No. 2 And 3 HYD Cylinder ASM |
| 6 | 340-92 | 3 | Fitting-Straight |
| 6:1 | 237-78 | 1 | O-Ring |
| 6:2 | 237-21 | 1 | O-Ring |
| 7 | 340-132 | 2 | Fitting-Elbow, 90 DEG |
| 7:1 | 237-78 | 1 | O-Ring |
| 7:2 | 237-21 | 1 | O-Ring |
| 8 | 3234-47 | 1 | Screw-HHF |
| 9 | 119-8104 | 1 | Pin |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 10 | 119-8128 | 1 | No. 1 HYD Cylinder ASM |
| 11 | 119-2052 | 1 | Hose-HYD |
| 12 | 119-2053 | 1 | Hose-HYD |
| 13 | 99-5107 | 2 | Nut-HF Nylock |
| 14 | 119-2051 | 1 | Hose-HYD |
| 15 | 119-2050 | 1 | Hose-HYD |
| 16 | 115-1794 | 1 | Screw-HHF |
| 17 | 119-8126 | 1 | HYD Tube ASM |
| 17:1 | 237-22 | 1 | O-Ring |
| 18 | 119-8127 | 1 | HYD Tube ASM |
| 18:1 | 237-22 | 1 | O-Ring |
| 19 | 120-3200 | 2 | Clamp-Tube |
| 20 | 69-9761 | 1 | Plate-Cover |
| 21 | 322-12 | 1 | Screw-HH |
| 22 | 104-8300 | 3 | Nut-HF, NI |
| 23 | 119-2066 | 1 | Hose-HYD |
| 24 | 119-2065 | 1 | Hose-HYD |
| 25 | 56-7973 | 2 | Clamp-Tube |

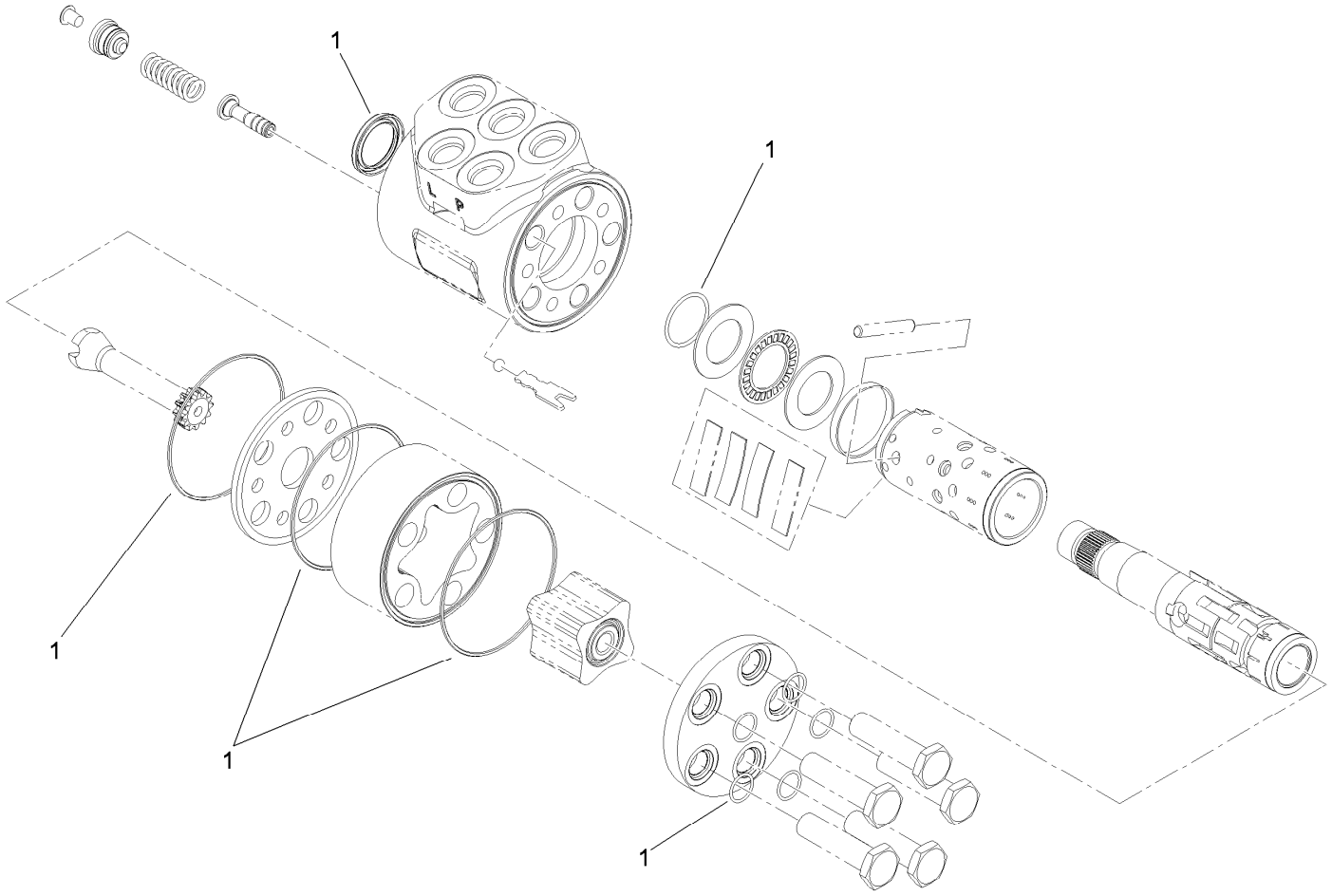
● Not serviced separately




# Lift Circuit Assembly (continued)

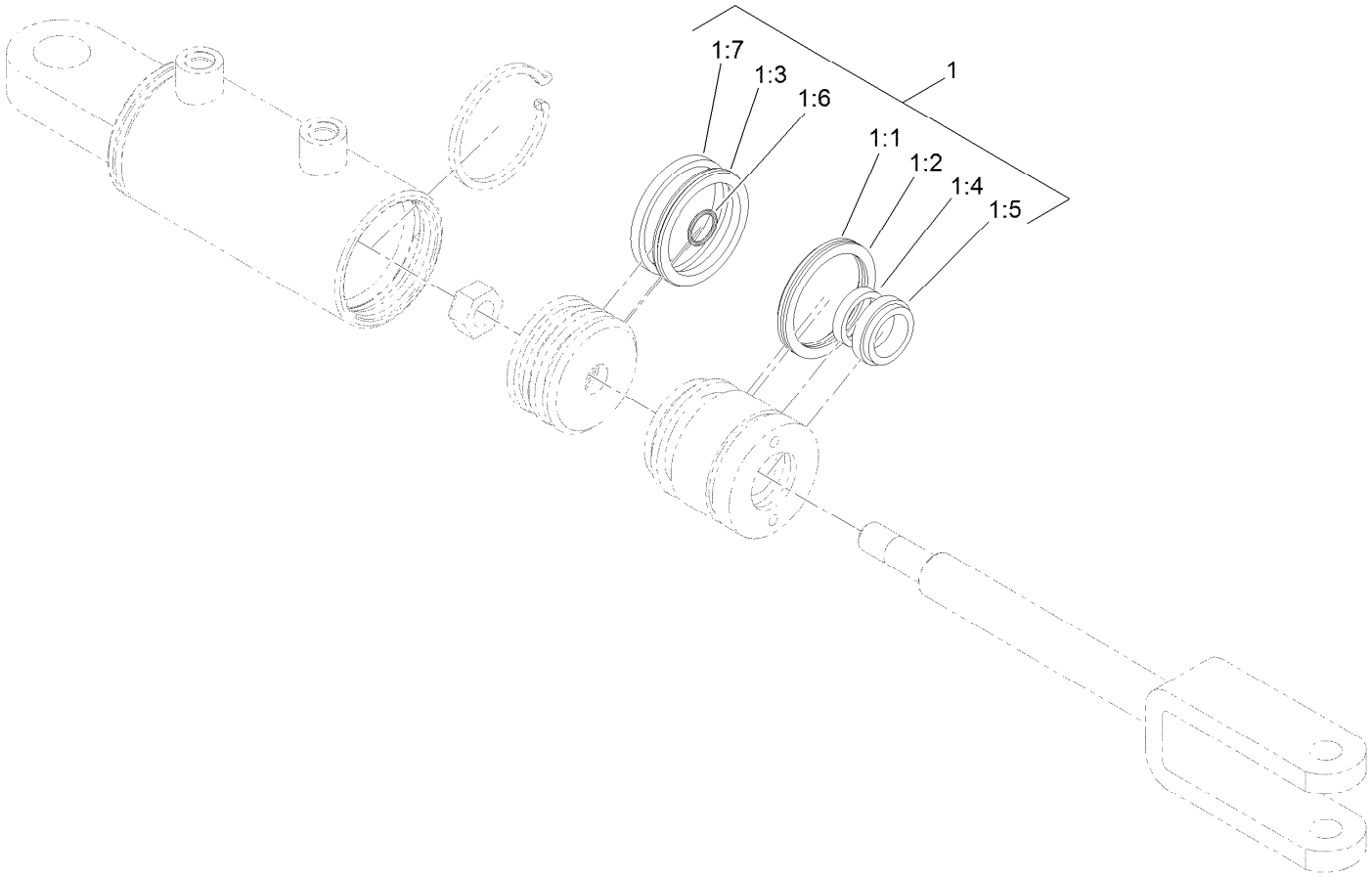
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 26 | | 1 | Hydraulic Lift Manifold ASM ● |
| 27 | 340-103 | 1 | Fitting-HYD, 45 DEG |
| 27:1 | 237-78 | 1 | O-Ring |
| 27:2 | 237-21 | 1 | O-Ring |
| 28 | 3234-7 | 2 | Screw-HHF |
| 29 | 33103-016 | 4 | Screw-HHF |

● Not serviced separately




# Steering Valve Assembly No. 114-4672

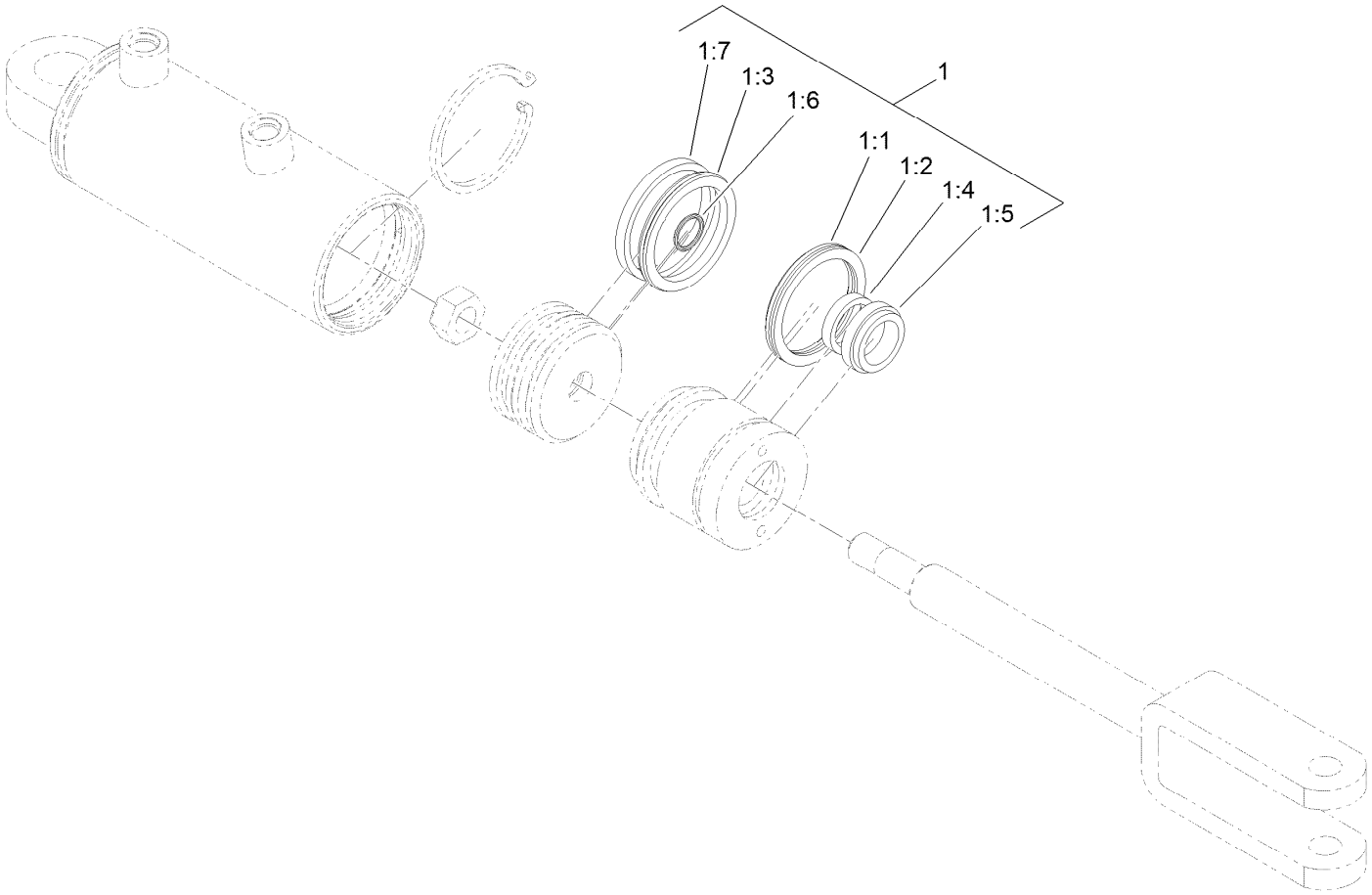
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 106-6716 | 1 | Seal Kit |




# Hydraulic Cylinder Assembly No. 119-8128

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 115-3410 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | | 1 | Backup ● |
| 1:3 | | 1 | Bp Seal ● |
| 1:4 | | 1 | Bs Seal ● |
| 1:5 | | 1 | Seal-Dust ● |
| 1:6 | | 1 | O-Ring ● |
| 1:7 | | 1 | Ring-Wear ● |

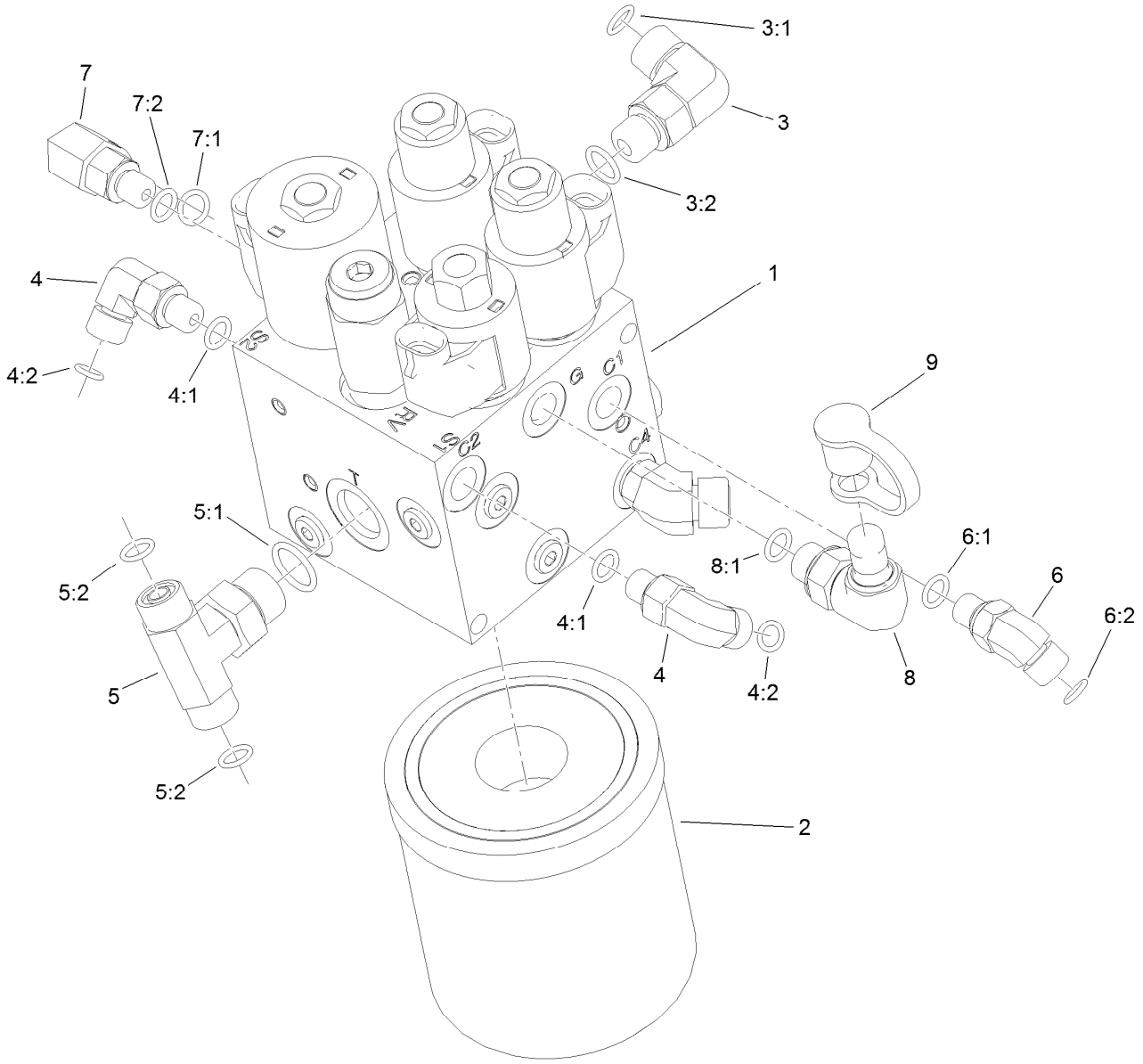
● Not serviced separately




# Hydraulic Cylinder Assembly No. 119-8129

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 115-3410 | 1 | Seal Kit |
| 1:1 | | 1 | O-Ring ● |
| 1:2 | | 1 | Backup ● |
| 1:3 | | 1 | Bp Seal ● |
| 1:4 | | 1 | Bs Seal ● |
| 1:5 | | 1 | Seal-Dust ● |
| 1:6 | | 1 | O-Ring ● |
| 1:7 | | 1 | Ring-Wear ● |

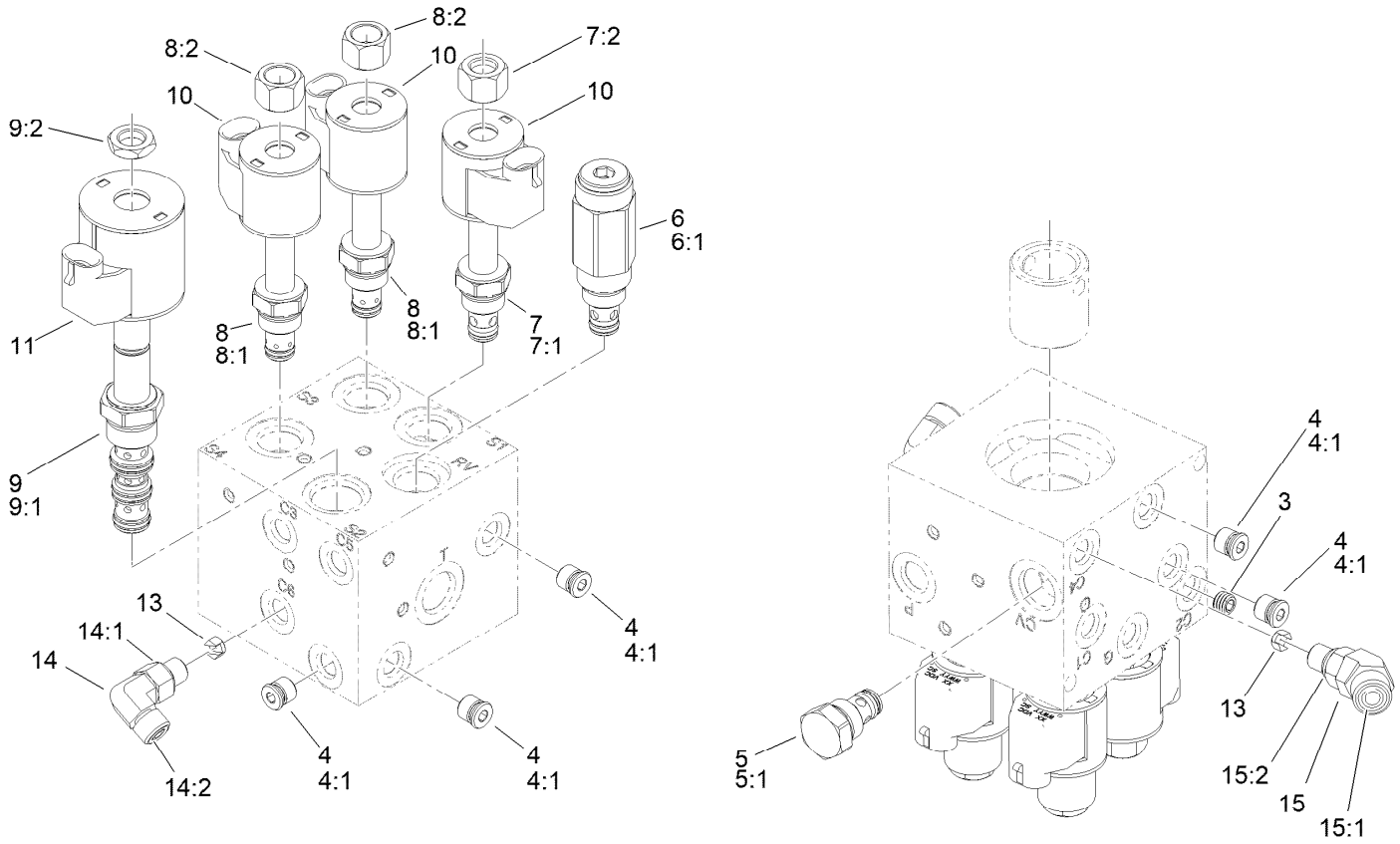
● Not serviced separately




# Hydraulic Lift Manifold Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 125-5187 | 1 | Manifold-Lift, HYD |
| 2 | 108-5194 | 1 | Filter-Oil, HYD |
| 3 | 340-77 | 1 | Fitting-Elbow, 90 DEG |
| 3:1 | 237-22 | 1 | O-Ring |
| 3:2 | 237-42 | 1 | O-Ring |
| 4 | 340-132 | 2 | Fitting-Elbow, 90 DEG |
| 4:1 | 237-78 | 1 | O-Ring |
| 4:2 | 237-21 | 1 | O-Ring |
| 5 | 92-4799 | 1 | Fitting-Tee, HYD |
| 5:1 | 237-79 | 1 | O-Ring |

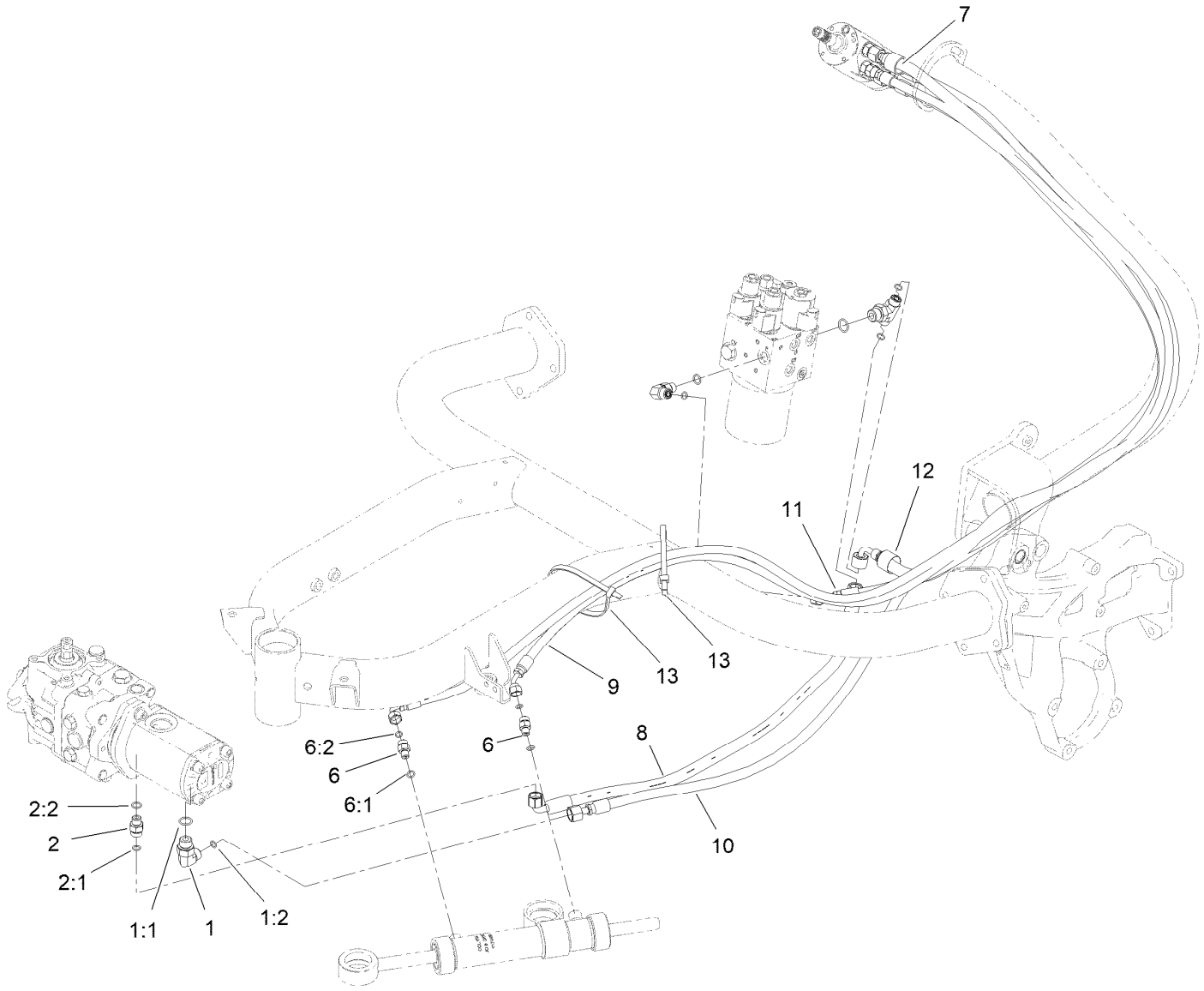
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 5:2 | 237-22 | 2 | O-Ring |
| 6 | 340-103 | 1 | Fitting-HYD, 45 DEG |
| 6:1 | 237-78 | 1 | O-Ring |
| 6:2 | 237-21 | 1 | O-Ring |
| 7 | 340-97 | 1 | Fitting-Elbow, 90 DEG |
| 7:1 | 237-22 | 1 | O-Ring |
| 7:2 | 237-78 | 1 | O-Ring |
| 8 | 115-9147 | 1 | Fitting-Elbow, 90 DEG |
| 8:1 | 237-78 | 1 | O-Ring |
| 9 | 354-79 | 1 | Cap-Dust |




# Hydraulic Lift Manifold Assembly No. 125-5187

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 3 | 119-7144 | 1 | Orifice (.037 Inch) |
| 4 | 353-990 | 5 | Plug ASM |
| 4:1 | 237-78 | 1 | O-Ring |
| 5 | 107-7524 | 1 | Check Valve ASM |
| 5:1 | 105-9156 | 1 | Seal Kit |
| 6 | 112-9207 | 1 | Valve-Relief |
| 6:1 | 105-9156 | 1 | Seal Kit |
| 7 | 107-7517 | 1 | Valve-Solenoid |
| 7:1 | 105-9156 | 1 | Seal Kit |
| 7:2 | 107-7812 | 1 | Nut-Solenoid |
| 8 | 147-3090 | 2 | Valve-Solenoid |
| 8:1 | 107-7527 | 1 | Seal Kit |
| 8:2 | 137-5504 | 1 | Nut-Coil |

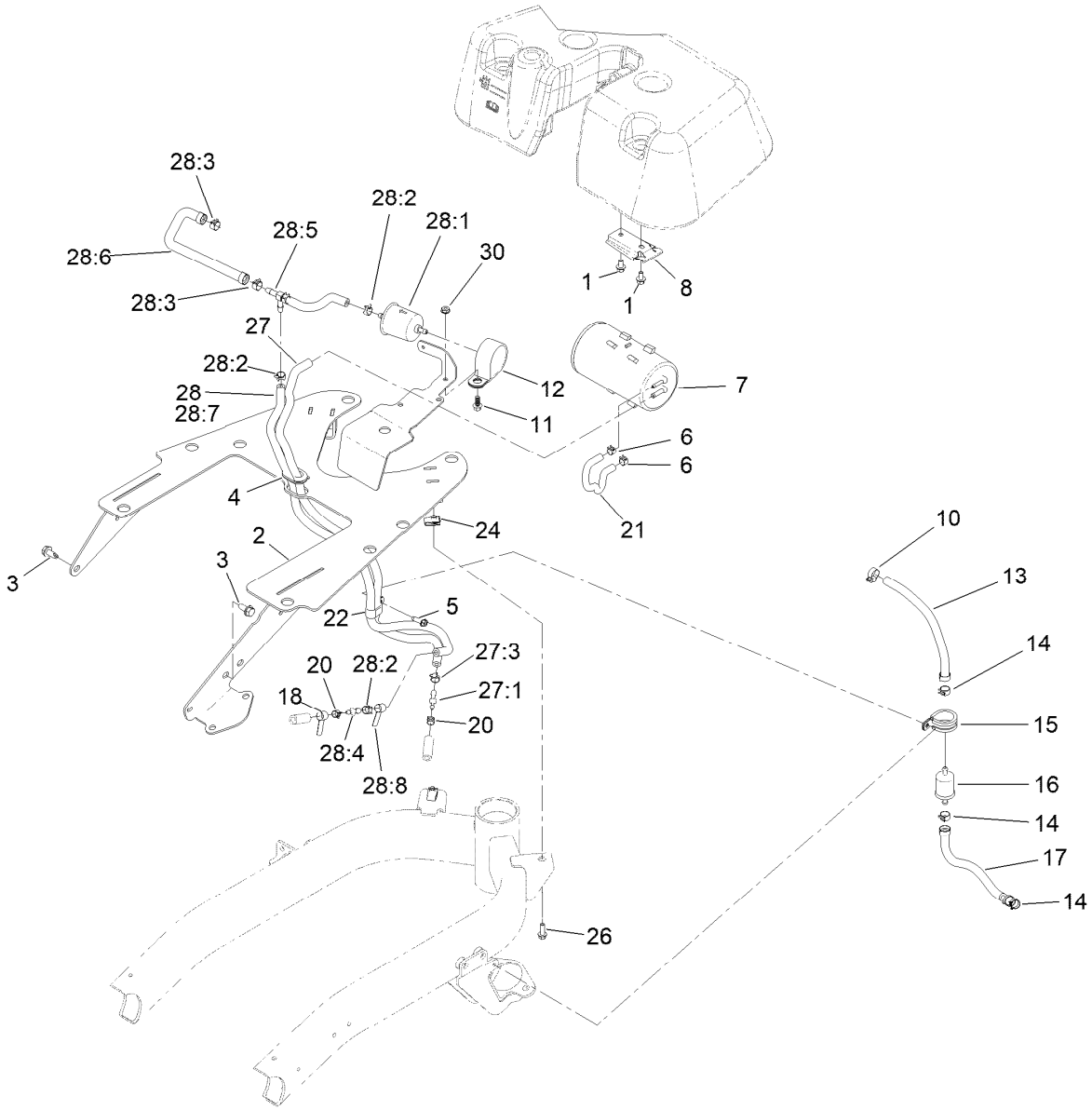
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 9 | 110-8906 | 1 | Valve-Solenoid |
| 9:1 | 110-8908 | 1 | Spool Valve Seal Kit |
| 9:2 | 110-2634 | 1 | Nut-Coil |
| 10 | 110-0497 | 3 | Coil-Solenoid |
| 11 | 110-6344 | 1 | Coil-12V, DC |
| 13 | 125-5211 | 2 | Orifice-Control, Flow (0.030) |
| 14 | 340-132 | 1 | Fitting-Elbow, 90 DEG |
| 14:1 | 237-78 | 1 | O-Ring |
| 14:2 | 237-21 | 1 | O-Ring |
| 15 | 340-54 | 1 | Elbow-45 DEG |
| 15:1 | 237-22 | 1 | O-Ring |
| 15:2 | 237-78 | 1 | O-Ring |




# Steering Circuit Assembly

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 340-18 | 1 | Fitting-HYD, 90 DEG |
| 1:1 | 237-79 | 1 | O-Ring |
| 1:2 | 237-22 | 1 | O-Ring |
| 2 | 340-2 | 1 | Fitting-Straight |
| 2:1 | 237-22 | 1 | O-Ring |
| 2:2 | 237-42 | 1 | O-Ring |
| 6 | 340-92 | 2 | Fitting-Straight |
| 6:1 | 237-78 | 1 | O-Ring |

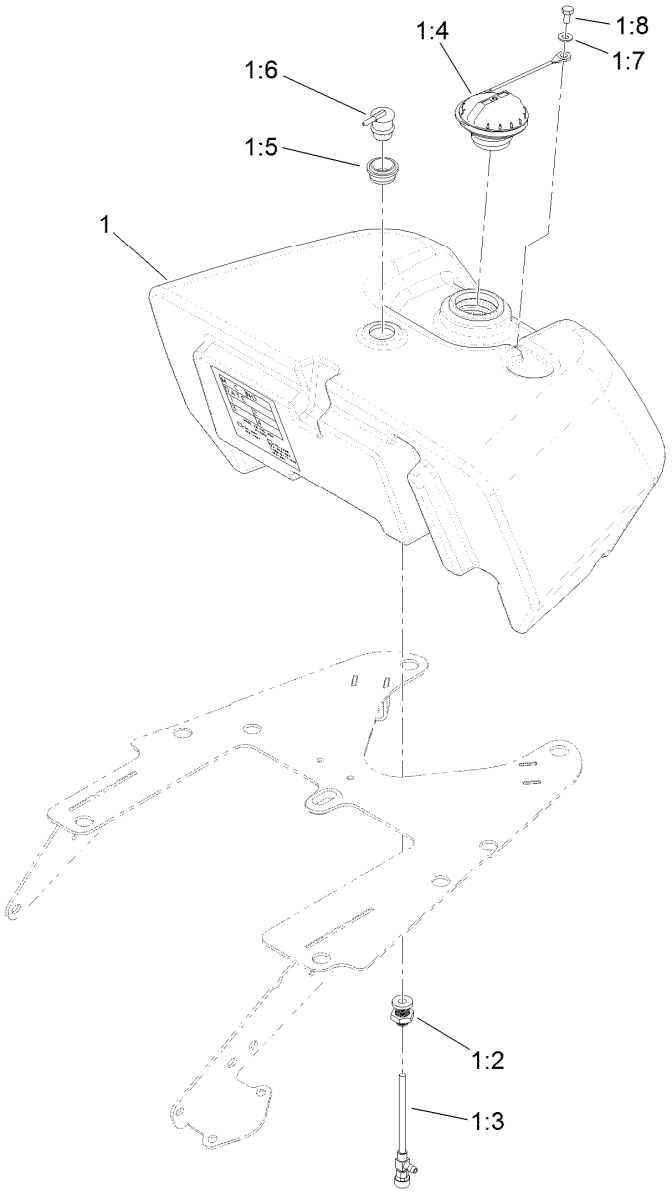
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 6:2 | 237-21 | 1 | O-Ring |
| 7 | 119-8124 | 1 | Hose-HYD |
| 8 | 140-5230 | 1 | Hose ASM |
| 9 | 119-8123 | 1 | Hose-HYD |
| 10 | 145-0056 | 1 | HYD Hose ASM |
| 11 | 117-3683 | 1 | Hose-HYD |
| 12 | 140-5270 | 1 | Hose ASM, HYD |
| 13 | 3334-945 | 2 | Tie-Cable |




# Fuel Line and Carbon Canister Hose Routing Assembly

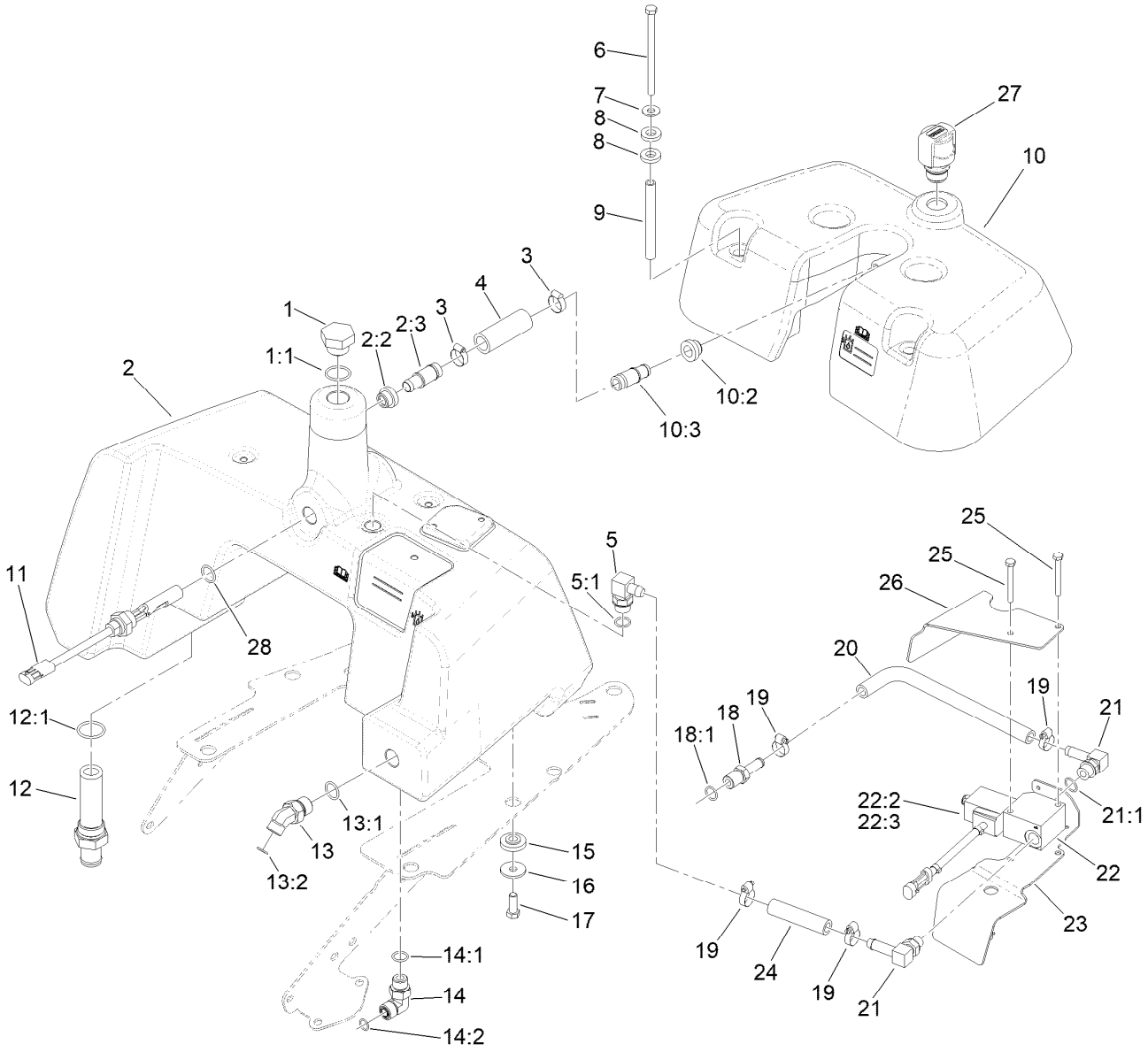
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 3234-13 | 2 | Screw-HHF |
| 2 | 132-9597-03 | 1 | Plate Wa [black] |
| 3 | 32104-32 | 2 | Screw-HWH |
| 4 | 240-5 | 2 | Grommet |
| 5 | 49-2040 | 1 | Screw-HWHTF |
| 6 | 2412-146 | 2 | Clamp-Hose |
| 7 | 127-8685 | 1 | Canister-Carbon |
| 8 | 114-0292 | 1 | Bracket-Canister, Carbon |
| 10 | 2412-108 | 1 | Clamp-Worm |
| 11 | 99-6810 | 1 | Screw-HHF |
| 12 | 100-1424 | 1 | Clamp-R |
| 13 | 109-0282 | 1 | Hose-Fuel |
| 14 | 92-2379 | 3 | Clamp-Hose |
| 15 | 120-2037 | 1 | R-Clamp |
| 16 | 94-2690 | 1 | Filter-Fuel |
| 17 | 109-0293 | 1 | Hose-Fuel |
| 18 | 121-6664 | 1 | Decal-Cleaner, Air |
| 20 | 2412-80 | 2 | Clamp-Hose |
| 21 | 119-8523 | 1 | Hose-Fuel |
| 22 | 119-8153 | 1 | Clamp-R, Double Tube |
| 24 | 107069 | 2 | Clip |
| 26 | 115-5103 | 2 | Screw-HHF |
| 27 | 121-5181 | 1 | Purge Hose ASM |
| 27:1 | 121-2573 | 1 | Fitting-Straight |
| 27:3 | 2412-98 | 2 | Clamp-Hose |
| 28 | | 1 | Tee Hose ASM ● |
| 28:1 | 121-2583 | 1 | Filter-Fuel, Inline |
| 28:2 | 2412-98 | 3 | Clamp-Hose |
| 28:3 | 92-2379 | 2 | Clamp-Hose |
| 28:4 | 121-2573 | 1 | Fitting-Straight |
| 28:5 | 121-6663 | 1 | Check Valve Hose ASM |
| 28:6 | 139-6544 | 1 | Hose-Formed |
| 28:7 | 109-3491 | 1 | Hose-Fuel |
| 28:8 | 121-6664 | 1 | Decal-Cleaner, Air |
| 30 | 32149-2 | 1 | Nut-Keps |

● Not serviced separately




# Fuel Tank Assembly

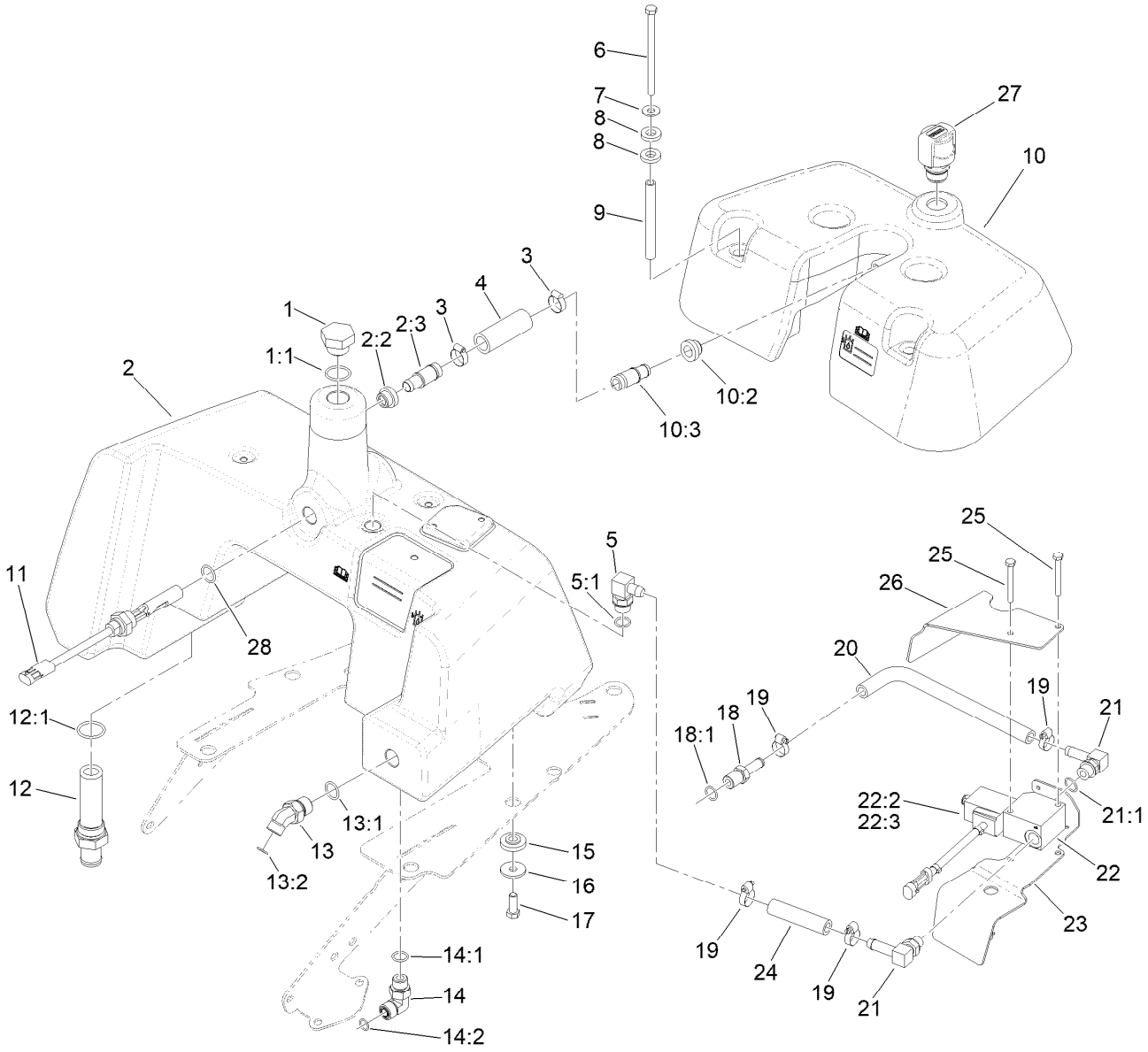
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 139-2664 | 1 | Fuel Tank ASM, Gas |
| 1:2 | 114-4677 | 1 | Bulkhead ASM |
| 1:3 | 114-4679 | 1 | Fitting-Shut Off, Fuel |
| 1:4 | 117-1722 | 1 | Cap-Fuel |
| 1:5 | 114-0284 | 1 | Grommet |
| 1:6 | 119-3547 | 1 | Valve-Vent, Fuel |
| 1:7 | 3256-1 | 1 | Washer-Flat |
| 1:8 | 321-2 | 1 | Screw-HH |




# Hydraulic Tank and Leak Detector Assembly

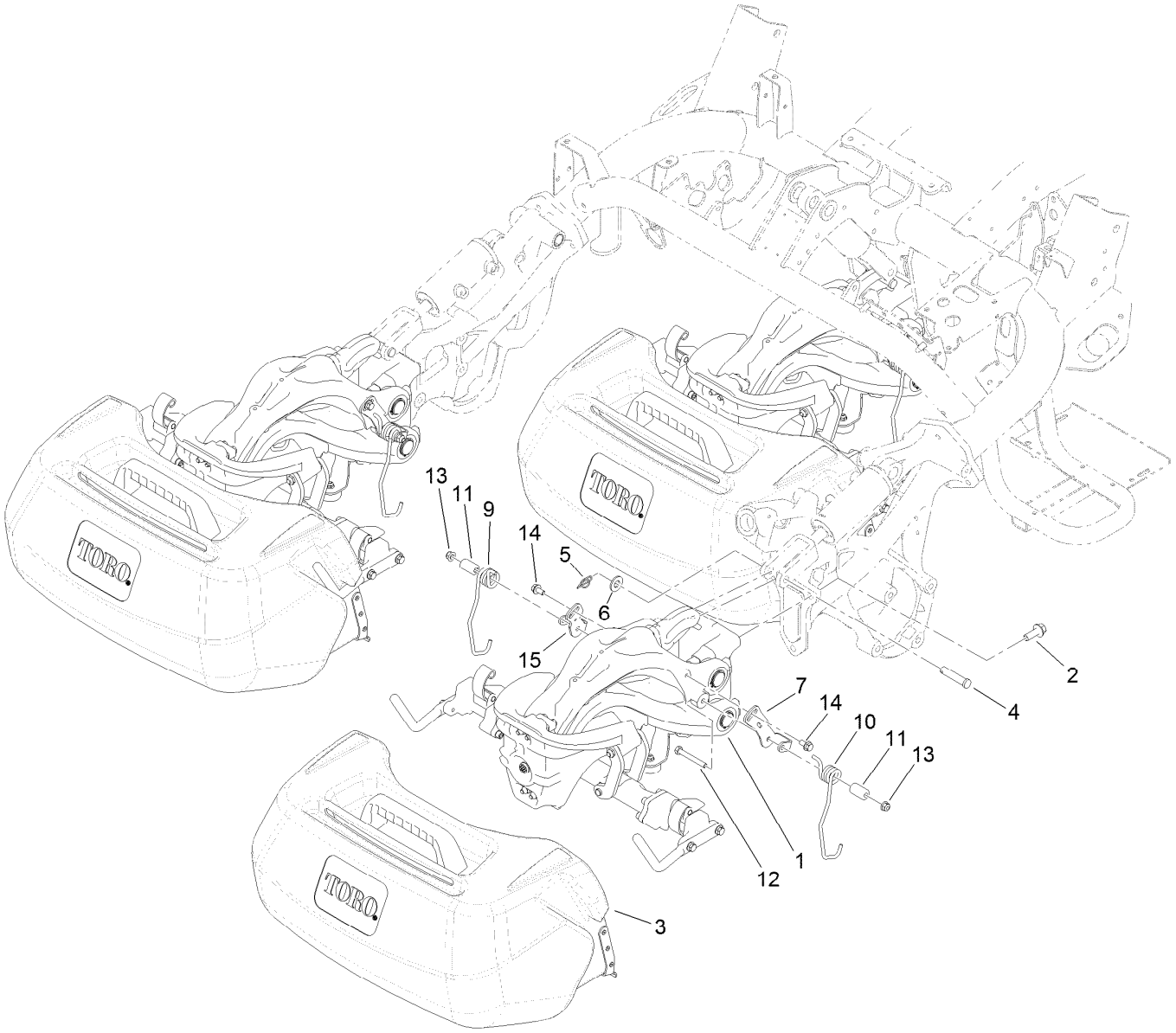
| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 354-74 | 1 | Plug-HH |
| 1:1 | 237-81 | 1 | O-Ring |
| 2 | 136-8529 | 1 | HYD Tank ASM |
| 2:2 | 136-8531 | 1 | Grommet |
| 2:3 | 136-8532 | 1 | Spout |
| 3 | 2412-141 | 2 | Clamp-Drive, Worm |
| 4 | 139-2716 | 1 | Hose-Formed |
| 5 | 119-9331 | 1 | Fitting-HYD 90 Spcl |
| 5:1 | 237-79 | 1 | O-Ring |
| 6 | 322-29 | 4 | Screw-HH |
| 7 | 3256-71 | 4 | Washer-Flat |
| 8 | 83-1470 | 8 | Washer-Neoprene |
| 9 | 145-4580 | 4 | Spacer-Tube |
| 10 | 136-8535 | 1 | Leak Detector Tank ASM |
| 10:2 | 136-8531 | 1 | Grommet |
| 10:3 | 136-8532 | 1 | Spout |
| 11 | 83-1450 | 1 | Sensor-Level, Oil |
| 12 | 112-0211 | 1 | Strainer Fitting ASM |
| 12:1 | 237-146 | 1 | O-Ring |
| 13 | 340-89 | 1 | Fitting-HYD, 45 DEG |
| 13:1 | 237-30 | 1 | O-Ring |

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 13:2 | 237-80 | 1 | O-Ring |
| 14 | 340-98 | 1 | Fitting-Elbow, 90 DEG |
| 14:1 | 237-79 | 1 | O-Ring |
| 14:2 | 237-30 | 1 | O-Ring |
| 15 | 240-11 | 8 | Bushing-Flange |
| 16 | 63-8410 | 8 | Washer |
| 17 | 323-6 | 8 | Screw-HH |
| 18 | 354-121 | 1 | Fitting-STR |
| 18:1 | 237-79 | 1 | O-Ring |
| 19 | 2412-36 | 4 | Clamp-Hose |
| 20 | 140-5278 | 1 | Hose-Formed |
| 21 | 354-120 | 2 | Fitting-Elbow, 90 |
| 21:1 | 237-79 | 1 | O-Ring |
| 22 | 83-1460 | 1 | Solenoid Valve ASM |
| 22:2 | 83-2000 | 1 | Spool-Valve |
| 22:3 | 83-2010 | 1 | Coil ASM |
| 23 | 121-5175-03 | 1 | Cover-Level, Oil |
| 24 | 83-2080 | 1 | Hose-Valve, Tank |
| 25 | 321-18 | 2 | Screw-HH |
| 26 | 120-2027-03 | 1 | Bracket-Shield |




# Hydraulic Tank and Leak Detector Assembly (continued)

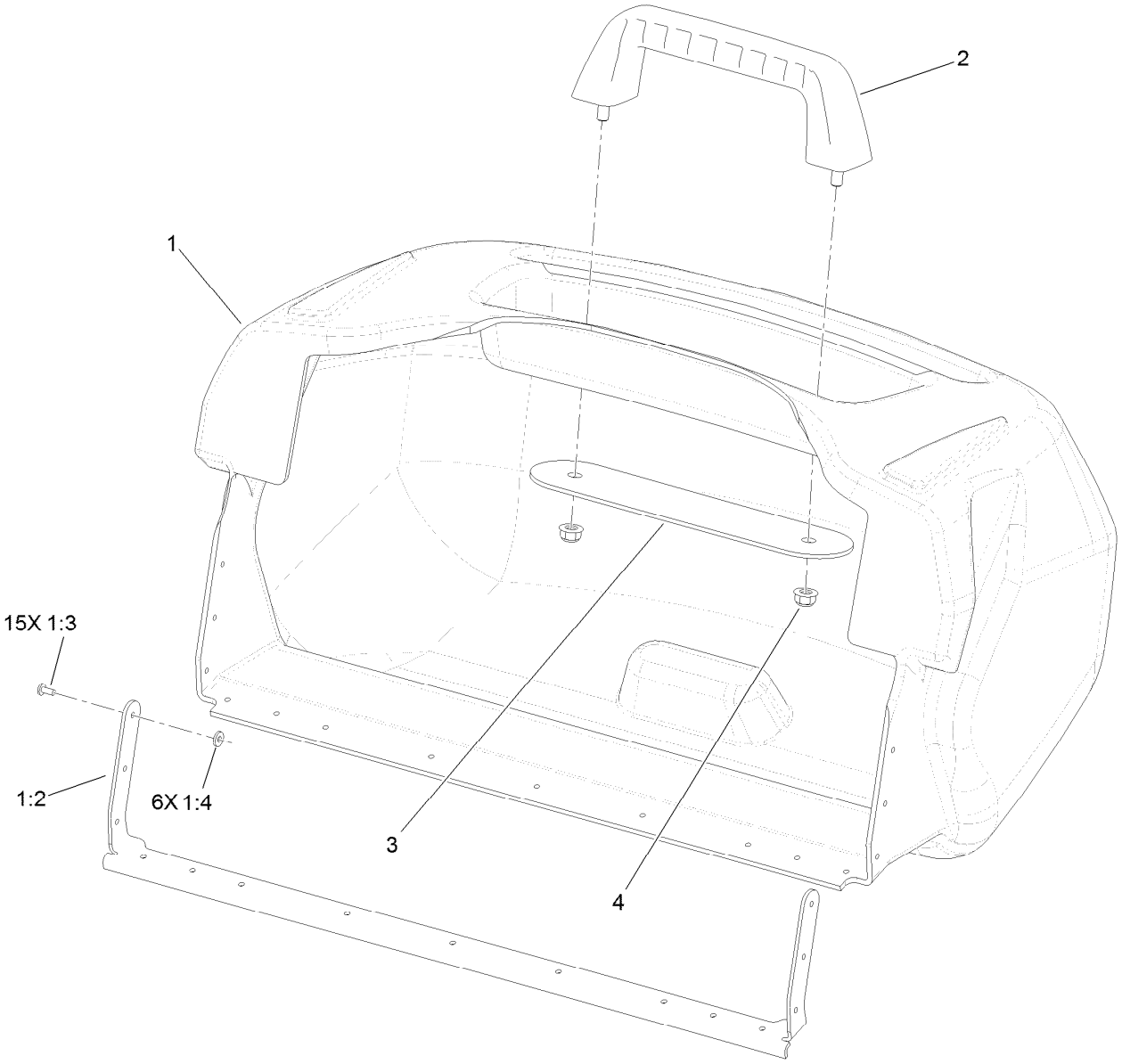
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 27 | 136-8559 | 1 | Dipstick-Breather |
| 28 | 237-80 | 1 | O-Ring |




# Suspension and Basket Assembly

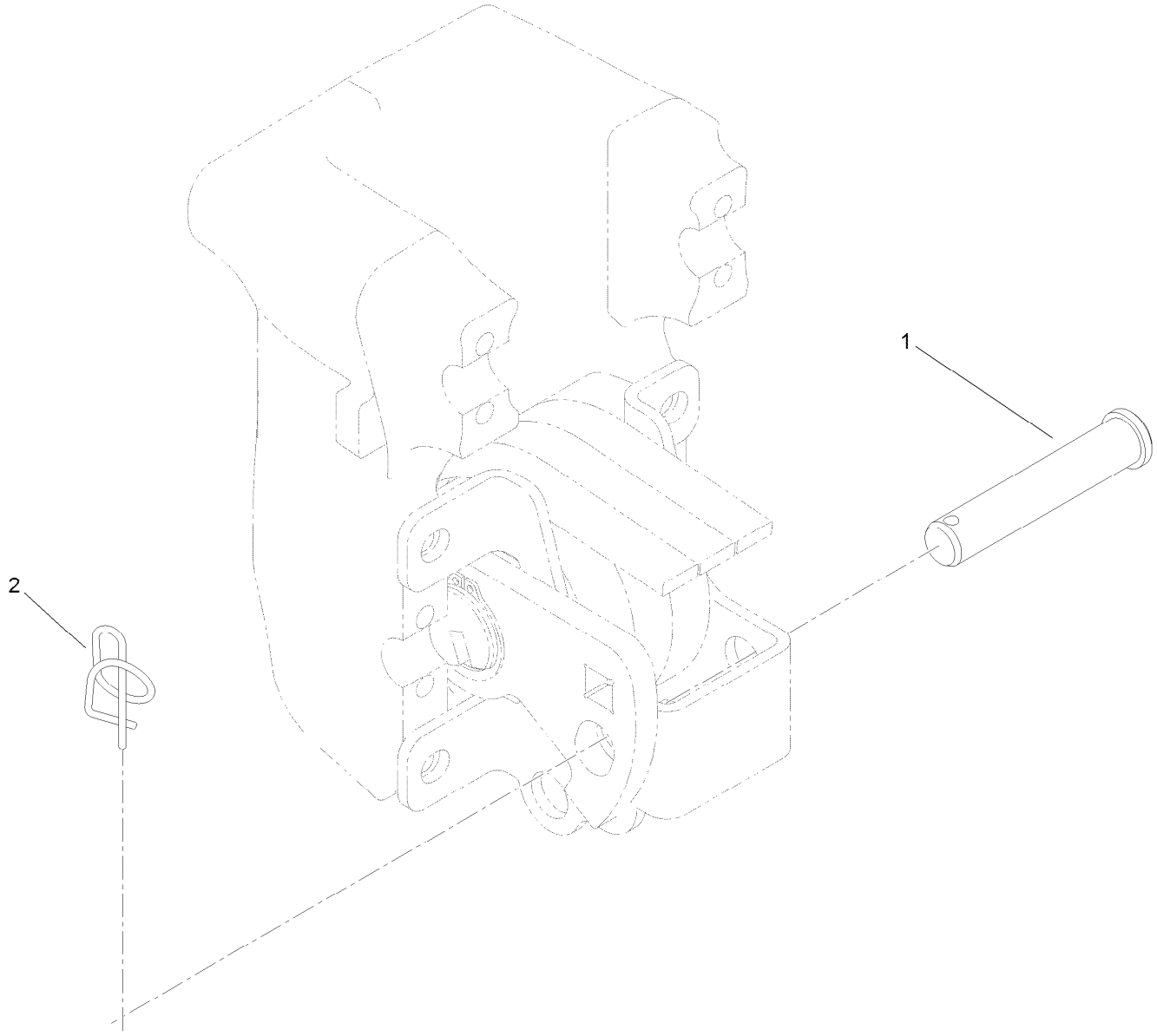
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | | 3 | Suspension ASM ● |
| 2 | 117-9035 | 9 | Screw-HHF |
| 3 | 132-9599 | 3 | Basket ASM |
| 4 | 92-2739 | 3 | Pin-Clevis |
| 5 | 112-1491 | 3 | Pin-Cotter |
| 6 | 29-8910 | 3 | Washer |
| 7 | 133-8998 | 3 | Retainer-Spring, LH |
| 9 | 117-6826 | 3 | Spring-Stabilizer, RH |
| 10 | 117-6827 | 3 | Spring-Stabilizer, LH |
| 11 | 117-6825 | 6 | Spacer |
| 12 | 322-12 | 6 | Screw-HH |
| 13 | 104-8300 | 6 | Nut-HF, NI |
| 14 | 114-7728 | 6 | Screw-HHF, Patch |
| 15 | 133-8997 | 3 | Retainer-Spring-RH |

● Not serviced separately



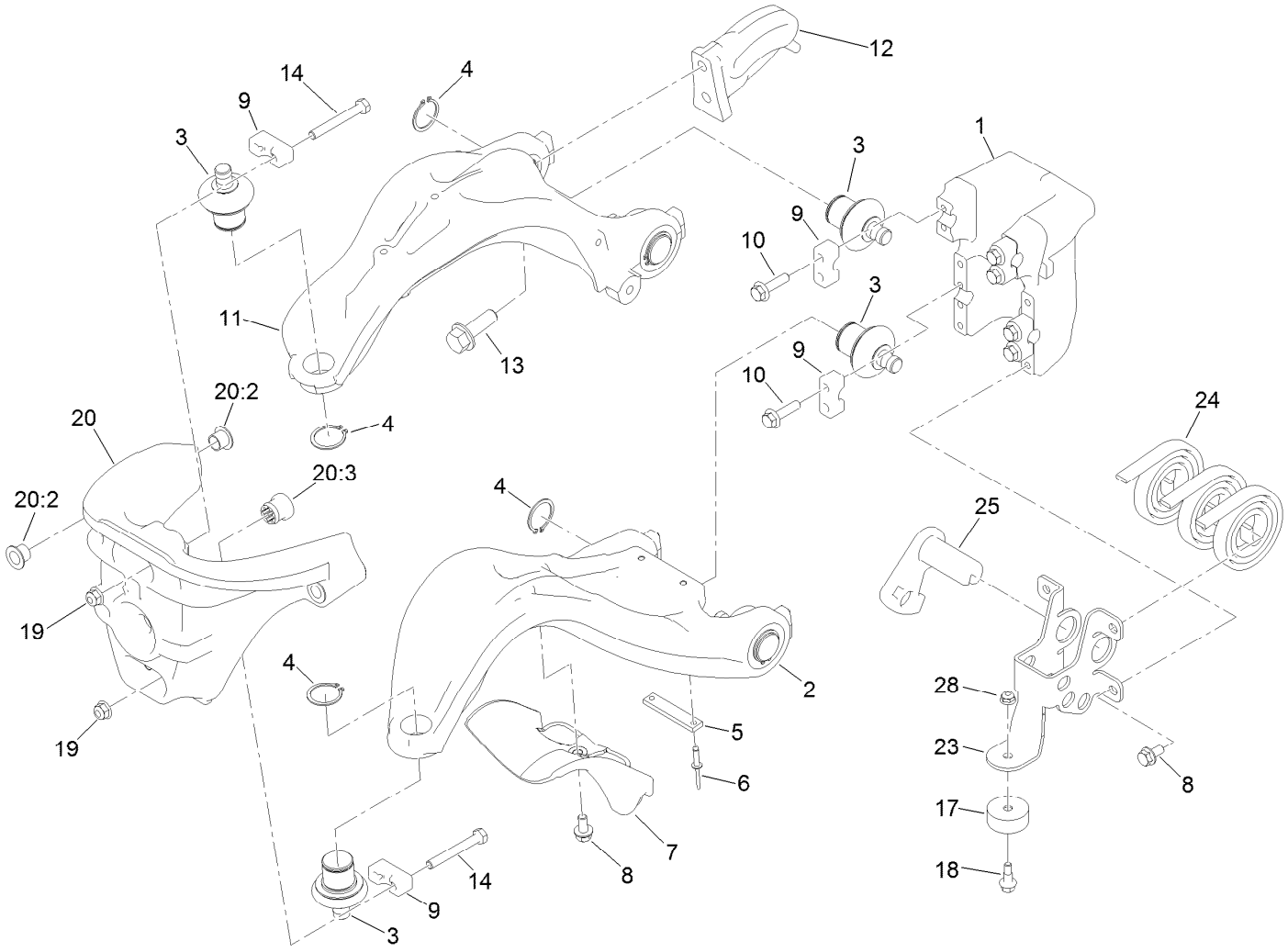

# Basket Assembly No. 132-9599

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 132-9510 | 1 | Basket Assembly |
| 1:2 | 132-3806 | 1 | Support-Basket |
| 1:3 | 3269-25 | 15 | Rivet-Pop |
| 1:4 | 3256-75 | 6 | Washer-Flat |
| 2 | 117-8088 | 1 | Handle-Grab |
| 3 | 117-8092-03 | 1 | Plate-Mounting |
| 4 | 104-8300 | 2 | Nut-HF, NI |




# Suspension Pin Position Assembly

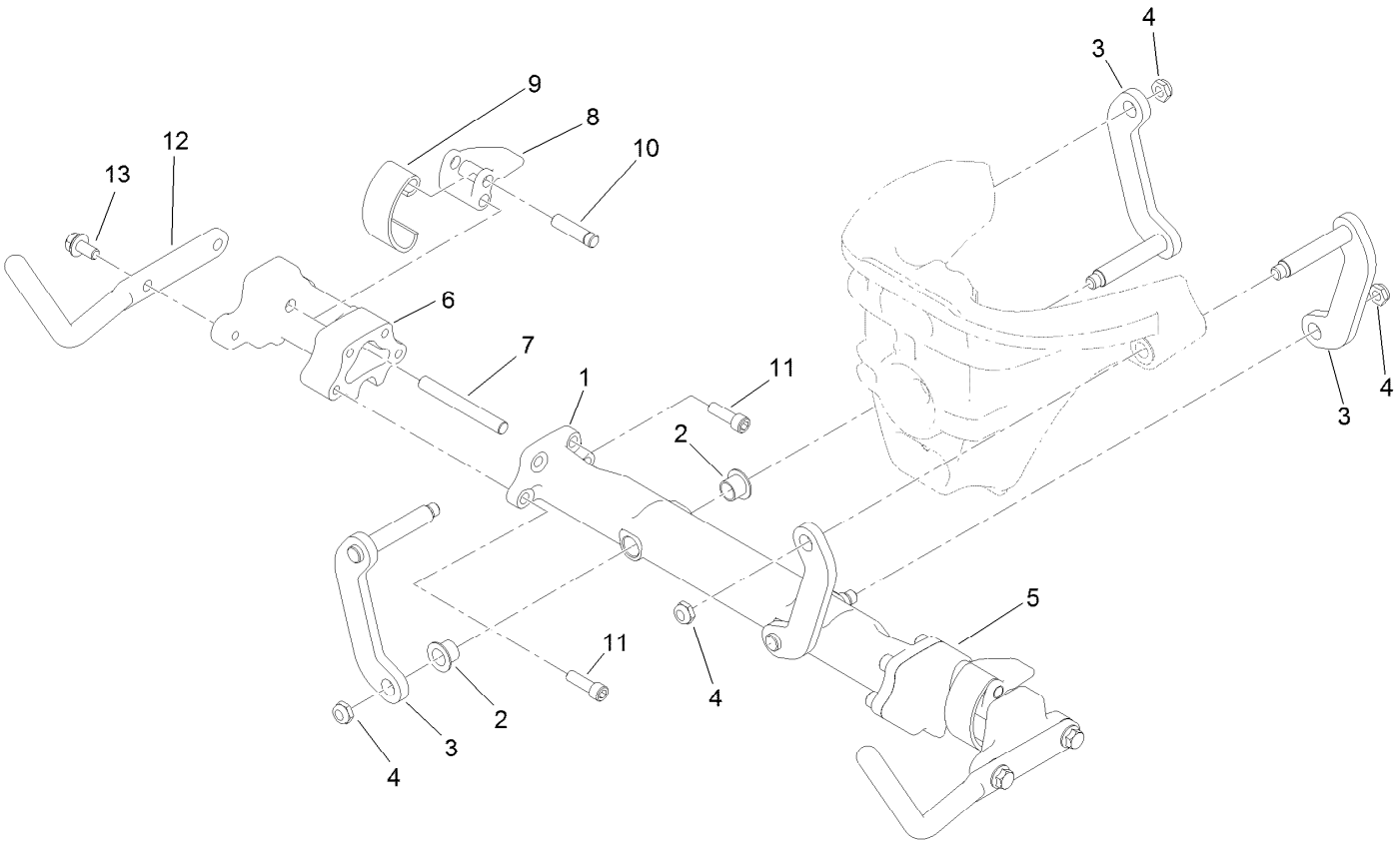
| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 100-6541 | 3 | Pin-Clevis |
| 2 | 112-1491 | 3 | Pin-Cotter |




# Suspension A-Arm Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 117-9480 | 1 | Mount-Pivot, A-Arms |
| 2 | 117-6656 | 1 | A-Arm, Lower |
| 3 | 132-6959 | 6 | Balljoint |
| 4 | 120-3225 | 6 | Ring-Retaining, EXT |
| 5 | 117-6674 | 1 | Plate-Striker |
| 6 | 3269-28 | 2 | Rivet-Pop |
| 7 | 117-6755 | 1 | Stop-Steering |
| 8 | 114-7728 | 5 | Screw-HHF, Patch |
| 9 | 112-5647 | 6 | Clamp |
| 10 | 132-3837 | 8 | Screw-HHF |
| 11 | 139-6452 | 1 | A-Arm, Upper |
| 12 | 139-8407 | 1 | Plate-Lift |

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 13 | 100-6116 | 2 | Screw-HHF |
| 14 | 132-3838 | 4 | Screw-HH |
| 17 | 133-0308 | 1 | Bumper-Rubber |
| 18 | 133-0315 | 1 | Screw-Shoulder, HF |
| 19 | 104-8300 | 4 | Nut-HF, NI |
| 20 | 120-3216 | 1 | Steering Head ASM |
| 20:2 | 125-5239 | 4 | Bushing-Flange |
| 20:3 | 131-1836 | 1 | Grommet |
| 23 | 140-5232 | 1 | C-Balance Mount |
| 24 | 114-9306 | 3 | Spring |
| 25 | 140-5234 | 1 | Tensioner |
| 28 | 104-7201 | 1 | Nut-HF, NI |




# Suspension Crossarm Assembly

| *Ref.* | *Part Number* | *Qty.* | *Description* |
|---|---|---|---|
| 1 | 120-3217 | 1 | Crossarm |
| 2 | 125-5239 | 4 | Bushing-Flange |
| 3 | 117-6654 | 4 | Link |
| 4 | 3296-59 | 4 | Nut-Lock, NI |
| 5 | 117-9482 | 1 | Mount-Cross Arm, LH |
| 6 | 117-9492 | 1 | Mount-Cross Arm, RH |
| 7 | 114-8051 | 2 | Pin-Pivot |
| 8 | 114-8047 | 2 | Lever |
| 9 | 114-8048 | 2 | Spring |
| 10 | 114-8049 | 2 | Pin-Pivot |
| 11 | 120-3227 | 8 | Screw-HSH |
| 12 | 120-2784-01 | 2 | Horn-Basket |
| 13 | 114-7728 | 4 | Screw-HHF, Patch |

# Attachments and Accessories

## For 04510 Greensmaster 3300 TriFlex Traction Unit

| Product Name | Model/Part |
|---|---|
| Turf Evaluator | 04399 |
| Standard Greensmower Seat Kit | 04508 |
| Light Kit | 04554 |
| 8-Blade DPA Reel Mower | 04651 |
| 11-Blade DPA Reel Mower | 04653 |
| 14-Blade DPA Reel Mower | 04655 |
| Three-Wheel Drive Kit | 04714 |
| Anti-Bobbing Kit | 04716 |
| Dethatching Unit | 04720 |
| Tri-Roller | 04722 |
| Spiker | 04723 |
| Premium Seat | 04729 |
| Hydraulic Oil Leak Detector Kit | 04730 |
| Spark Arrestor Screen | 104-6540 |
| Wireless Hourmeter | 115-4754 |
| Oil Cooler Kit | 119-1691 |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) | 119-2157 |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum) | 119-2158 |
| Premium Armrest Kit | 119-7105 |
| Weight Kit | 119-7129 |
| Three-Wheel Drive Weight Kit | 120-5750 |
| Armrest Kit | 121-3660 |
| Premium Engine Oil 10w30 (55 Gallon Drum) | 121-6392 |
| Premium Engine Oil 10w30 (5 Gallon Pail) | 121-6393 |
| Hi-Back Seat Cover | 133-1308 |
| PX Hydraulic Fluid (5 Gal) | 133-8086 |
| PX Hydraulic Fluid (55 Gal) | 133-8087 |
| Bag Kit | 137-8130 |
| Bimini Shade Kit | 138-8579 |
| TriFlex Hydraulic Hose Rebuild MVP Kit | 140-5233 |
| Tire - 20 X 10.00-8, 4ply | 144-3665 |
| MVP Kit 1000 Hour - GR3300/3320 | 44969 |
| Height-of-Cut Bar | 94-9010 |

## Notes:

## Notes:

## Notes:

**Count on it.**