



**Count on it.**

Form No. 3471-689 Rev B

# Parts Catalog

## TX 450 Compact Tool Carrier



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

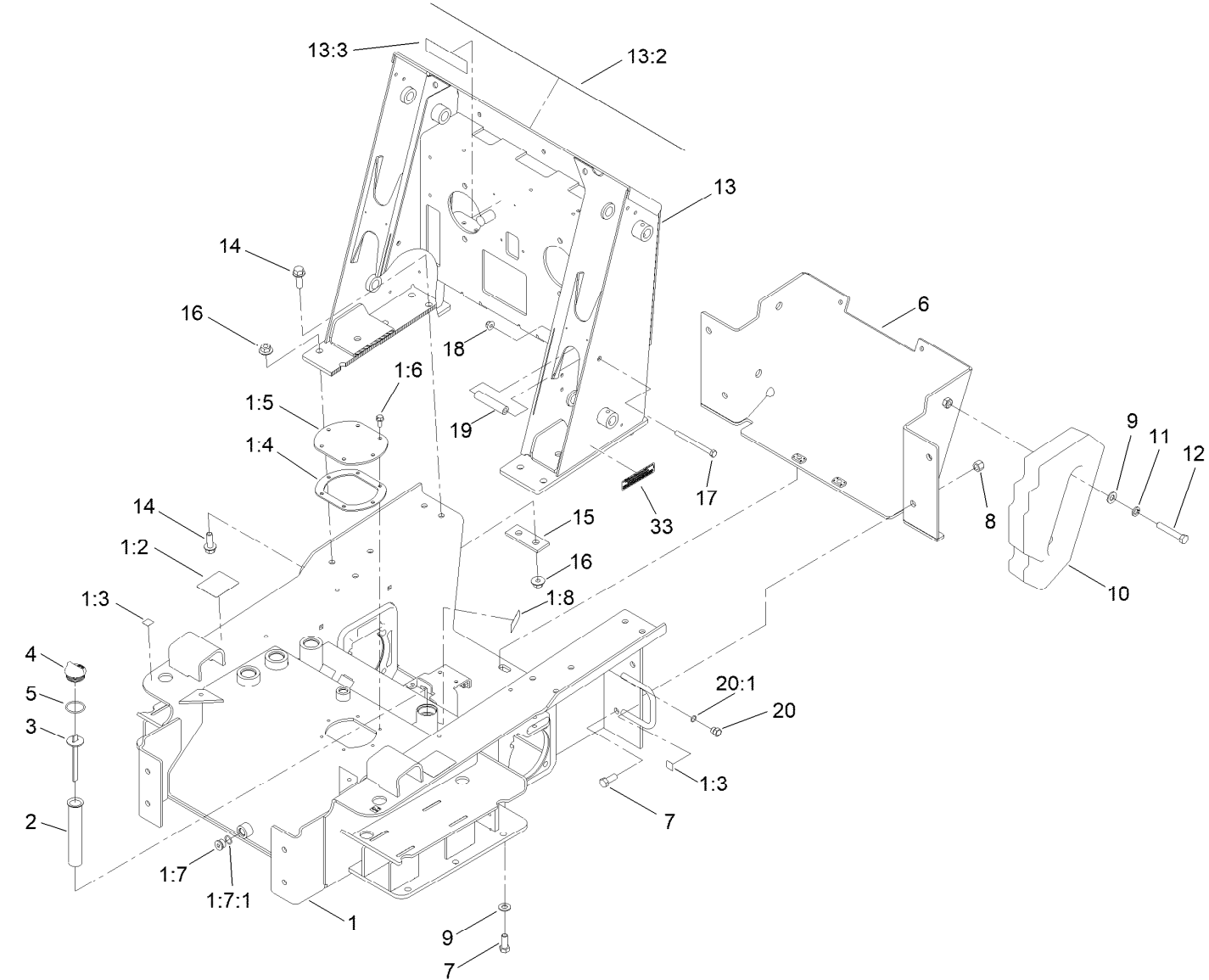
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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

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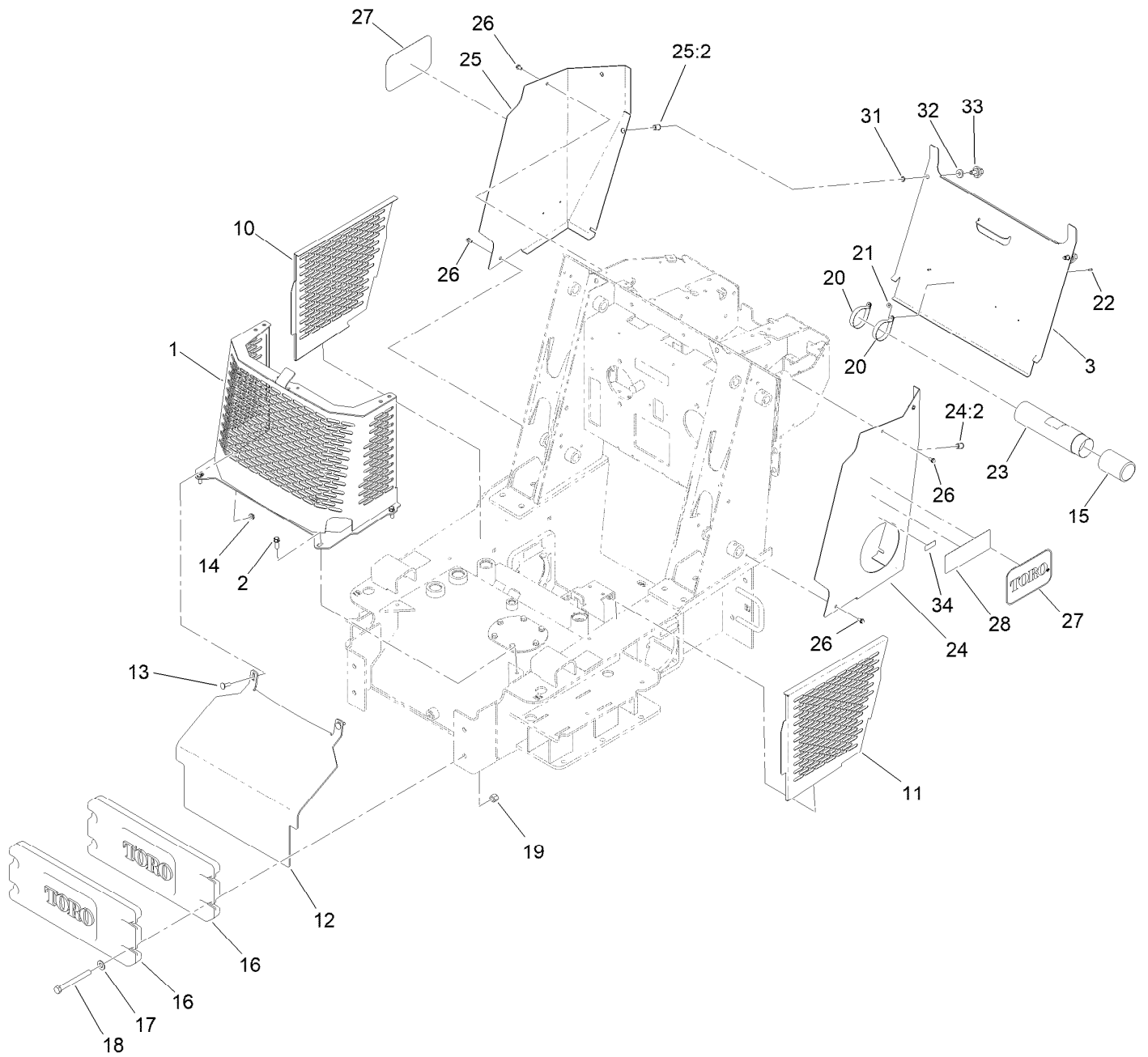
# Main Frame Assembly



## Main Frame 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           | 114-1354           | 1           | Chassis ASM          | 9           | 3256-26            | 6           | Washer-Flat          |
| 1:2         | 100-4650           | 2           | Decal-Warning        | 10          | 147-7015-01        | 2           | Counterweight-Rear   |
| 1:3         | 93-9084            | 4           | Decal-Point, Lift    | 11          | 3253-7             | 4           | Washer-Lock          |
| 1:4         | 107-3557           | 1           | Gasket-Cover, Access | 12          | 325-12             | 4           | Screw-HH             |
| 1:5         | 108-6297-01        | 1           | Cover-Tank           | 13          | 163-3277           | 1           | Loader Tower ASM     |
| 1:6         | 98-9940            | 6           | Screw-HHF            | 13:2        | 138-0799           | 1           | Decal-Panel, Control |
| 1:7         | 353-988            | 2           | Plug-Hex             | 13:3        | 93-7814            | 1           | Decal-Danger         |
| 1:7:1       | 237-79             | 1           | O-Ring               | 14          | 100-6116           | 10          | Screw-HHF            |
| 1:8         | 93-6686            | 1           | Decal-Oil, HYD       | 15          | 100-6123-05        | 2           | Plate-Stiffener      |
| 2           | 61-2790            | 1           | Filter-Screen        | 16          | 32128-52           | 10          | Nut-Lock, Flg        |
| 3           | 100-2097           | 1           | Dipstick-Oil         | 17          | 323-23             | 2           | Screw-HH             |
| 4           | 93-7498            | 1           | Plug-Plastic         | 18          | 104-8301           | 2           | Nut-HF, NI           |
| 5           | 237-101            | 1           | O-Ring               | 19          | 100-1271           | 2           | Tube-Spacer          |
| 6           | 115-4565-01        | 1           | Cover-Rear           | 20          | 353-508            | 1           | Plug-HH              |
| 7           | 325-5              | 6           | Screw-HH             | 20:1        | 237-42             | 1           | O-Ring               |
| 8           | 3296-23            | 4           | Nut-Lock, NI         | 33          | 133-8062           | 1           | Decal-Spark Arrestor |

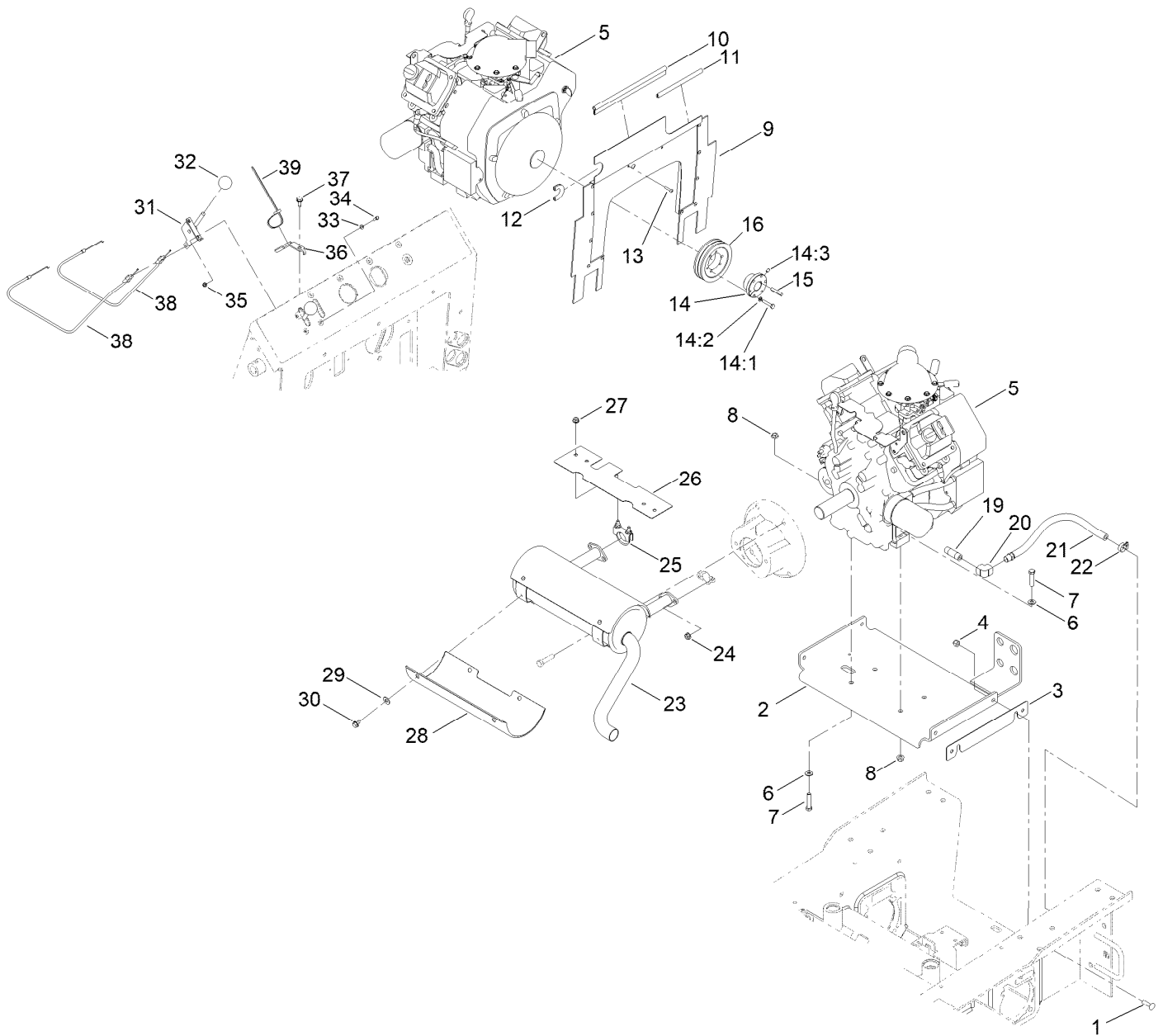
# Grill, Side Cover and Counterweight Assembly



## Grill, Side Cover and Counterweight 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           | 161-9483-05        | 1           | Grille ASM [blk-Txt] | 22          | 3269-17            | 2           | Rivet-Pop                    |
| 2           | 95-1726            | 4           | Screw-Taptite        | 23          | 104-7050           | 1           | Tube-Manual                  |
| 3           | 106-9339-01        | 1           | Cover-Access, Rear   | 24          | 163-5281           | 1           | LH Rear Cover Support<br>ASM |
| 10          | 106-5727-05        | 1           | Panel-Side, RH       | 24:2        | 32148-9            | 1           | Nut-Clinch                   |
| 11          | 106-5726-05        | 1           | Panel-Side, LH       | 25          | 163-5280           | 1           | RH Rear Cover Support<br>ASM |
| 12          | 163-3267-05        | 1           | Plate-Front          | 25:2        | 32148-9            | 1           | Nut-Clinch                   |
| 13          | 3230-28            | 2           | Screw-CARR           | 26          | 9266714            | 6           | Screw-HWH                    |
| 14          | 32128-20           | 2           | Nut-HF               | 27          | 145-0609           | 2           | Decal-Toro Logo              |
| 15          | 104-7048           | 1           | Cap-Housing          | 28          | 147-7041           | 2           | Decal-Dingo, Tx450           |
| 16          | 147-7016-01        | 2           | Counterweight-Front  | 31          | 32151-72           | 2           | Ring-Retaining               |
| 17          | 3256-26            | 4           | Washer-Flat          | 32          | 106-0565           | 2           | Washer-Rubber                |
| 18          | 325-38             | 4           | Screw-HH             | 33          | 95-9648            | 2           | Knob                         |
| 19          | 3296-23            | 4           | Nut-Lock, NI         | 34          | 161-7268           | 1           | Decal-No Smoking             |
| 20          | 2412-120           | 2           | Clamp-R              |             |                    |             |                              |
| 21          | 3269-10            | 2           | Washer-Back          |             |                    |             |                              |

# Engine, Exhaust and Control Lever Assembly



# Engine, Exhaust and Control Lever Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>              |
|-------------|--------------------|-------------|---------------------------------|
| 1           | 3231-28            | 4           | Screw-CARR                      |
| 2           | 114-1288-03        | 1           | Plate-Mounting, Engine          |
| 3           | 117-1811           | 1           | Shim-Strap                      |
| 4           | 3296-39            | 4           | Nut-Lock, NI                    |
| 5           |                    | 1           | Engine-Kohler, Ch740-3136<br>●■ |
| 6           | 48-9220            | 4           | Washer-Flat                     |
| 7           | 323-9              | 4           | Screw-HH                        |
| 8           | 32128-21           | 4           | Nut-HF Lock                     |
| 9           | 114-8725           | 1           | Baffle-Engine                   |
| 10          | 115-4837           | 1           | Strip-Seal, 10.5 Inch           |
| 11          | 105-0378           | 1           | Seal-Strip, 6.5 Inch            |
| 12          | 105-0377           | 1           | Seal-Strip, 3 Inch              |
| 13          | 32144-36           | 2           | Screw-PPH                       |
| 14          | 61-3340            | 1           | Bushing                         |
| 14:1        | 321-13             | 3           | Screw-HH                        |
| 14:2        | 3253-2             | 3           | Washer-Lock                     |
| 14:3        | 3245-2             | 1           | Screw-Set, HSH                  |
| 15          | 67-7490            | 1           | Key-Square                      |
| 16          | 61-3330            | 1           | Pulley                          |
| 19          | 289-42             | 1           | Nipple                          |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 20          | 94-9650            | 1           | Elbow-90 DEG         |
| 21          | 100-1256           | 1           | Oil Hose ASM         |
| 22          | 2412-36            | 1           | Clamp-Hose           |
| 23          | 115-1509           | 1           | Muffler              |
| 24          | 112-2844           | 4           | Nut-HF               |
| 25          | 104-4090           | 2           | Clamp-Muffler        |
| 26          | 114-1366           | 1           | Shield-Manifold      |
| 27          | 32128-25           | 4           | Nut-HF               |
| 28          | 117-9973           | 2           | Shield-Muffler       |
| 29          | 3256-3             | 8           | Washer-Flat          |
| 30          | 9266934            | 8           | Screw                |
| 31          | 108-9730           | 2           | Lever-Control        |
| 32          | 233-42             | 2           | Knob                 |
| 33          | 3256-51            | 4           | Washer-Flat          |
| 34          | 3290-134           | 4           | Screw                |
| 35          | 32149-7            | 4           | Nut-Keps             |
| 36          | 100-1299-03        | 1           | Guide-Cable          |
| 37          | 32144-11           | 1           | Screw-HWH            |
| 38          | 108-4679           | 2           | Cable-Throttle/Choke |
| 39          | 3290-378           | 1           | Tie-Cable            |

● Not serviced separately

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

# Fuel Tank and Carbon Canister Assembly

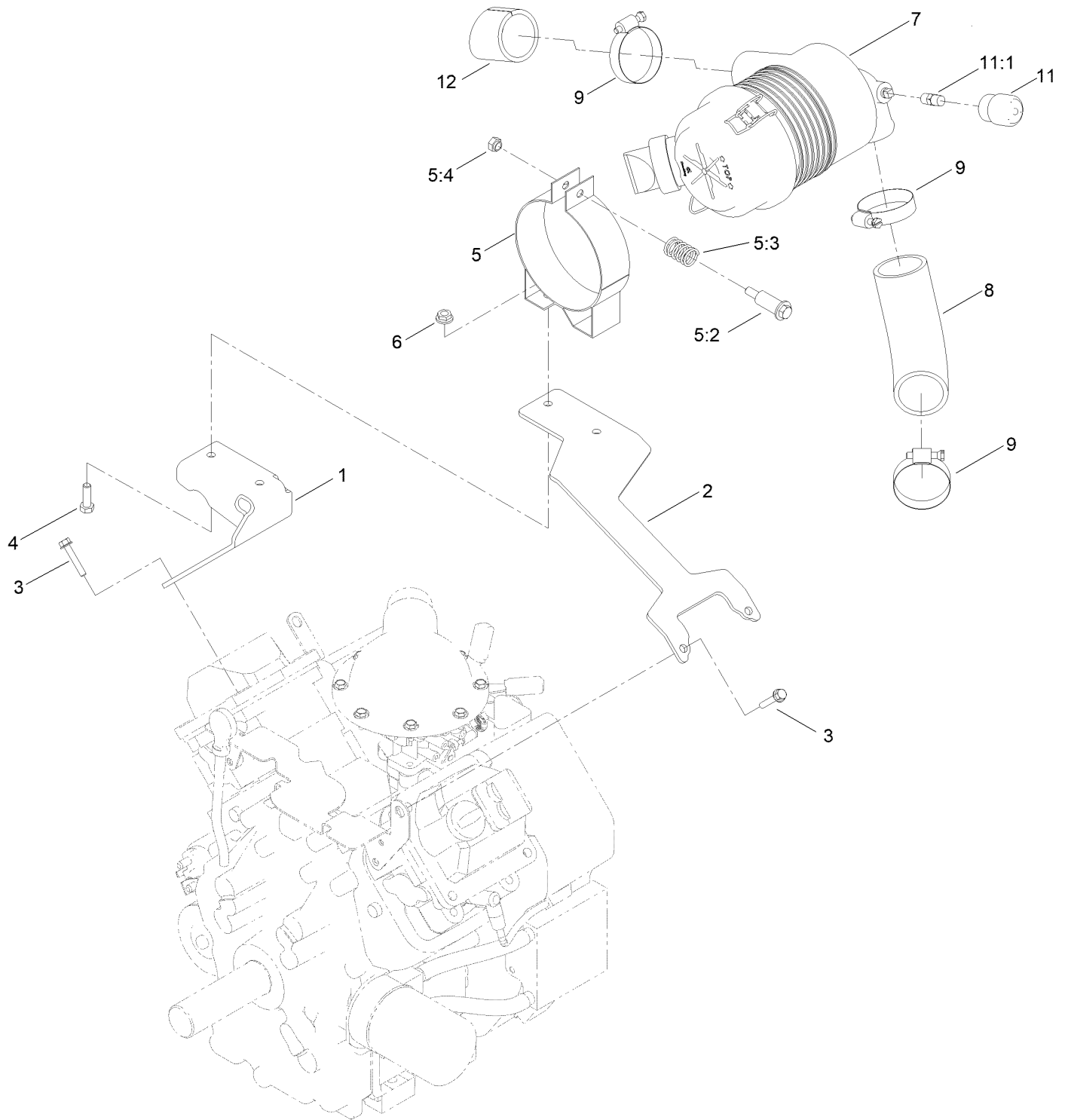


## Fuel Tank and Carbon Canister Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 117-9956           | 1           | Tank-Fuel           |
| 2           | 117-9965           | 1           | Spacer              |
| 3           | 117-1722           | 1           | Cap-Fuel            |
| 4           | 3250-31            | 6           | Screw-PPH           |
| 5           | 46-6560            | 1           | Bushing             |
| 6           | 98-0185            | 1           | Pipe-Stand          |
| 7           | 113372             | 1           | Gasket-Sender, Fuel |
| 8           | 100-1298           | 1           | Sender-Fuel         |
| 9           | 3253-17            | 5           | Washer-Lock         |
| 10          | 109-0301           | 1           | Hose-Fuel           |
| 11          | 2412-98            | 2           | Clamp-Hose          |
| 12          | 3290-378           | 3           | Tie-Cable           |
| 13          | 114-0284           | 1           | Grommet             |
| 14          | 114-0285           | 1           | Valve-Rollover      |
| 15          | 117-4043-03        | 1           | Holder-Canister     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 16          | 127-8685           | 1           | Canister-Carbon     |
| 17          | 119-3517           | 2           | Hose-Fuel           |
| 18          | 115-7854           | 1           | Filter-Fuel, Inline |
| 19          | 106-5317           | 3           | Hose-Fuel           |
| 20          | 133-8499           | 1           | Valve-Check, Vacuum |
| 21          | 115-4736           | 1           | Hose-Fuel           |
| 22          | 2412-146           | 8           | Clamp-Hose          |
| 23          | 9266714            | 2           | Screw-HWH           |
| 24          | 51-3217            | 1           | Hose-Fuel           |
| 25          | 106-8150           | 2           | Fitting-Straight    |
| 26          | 92-2379            | 4           | Clamp-Hose          |
| 27          | 120-2235           | 1           | Filter-Fuel         |
| 28          | 94-1389            | 1           | Grommet             |
| 29          | 131-0575           | 2           | Sleeve-Thermal      |

# Air Cleaner Mount Assembly

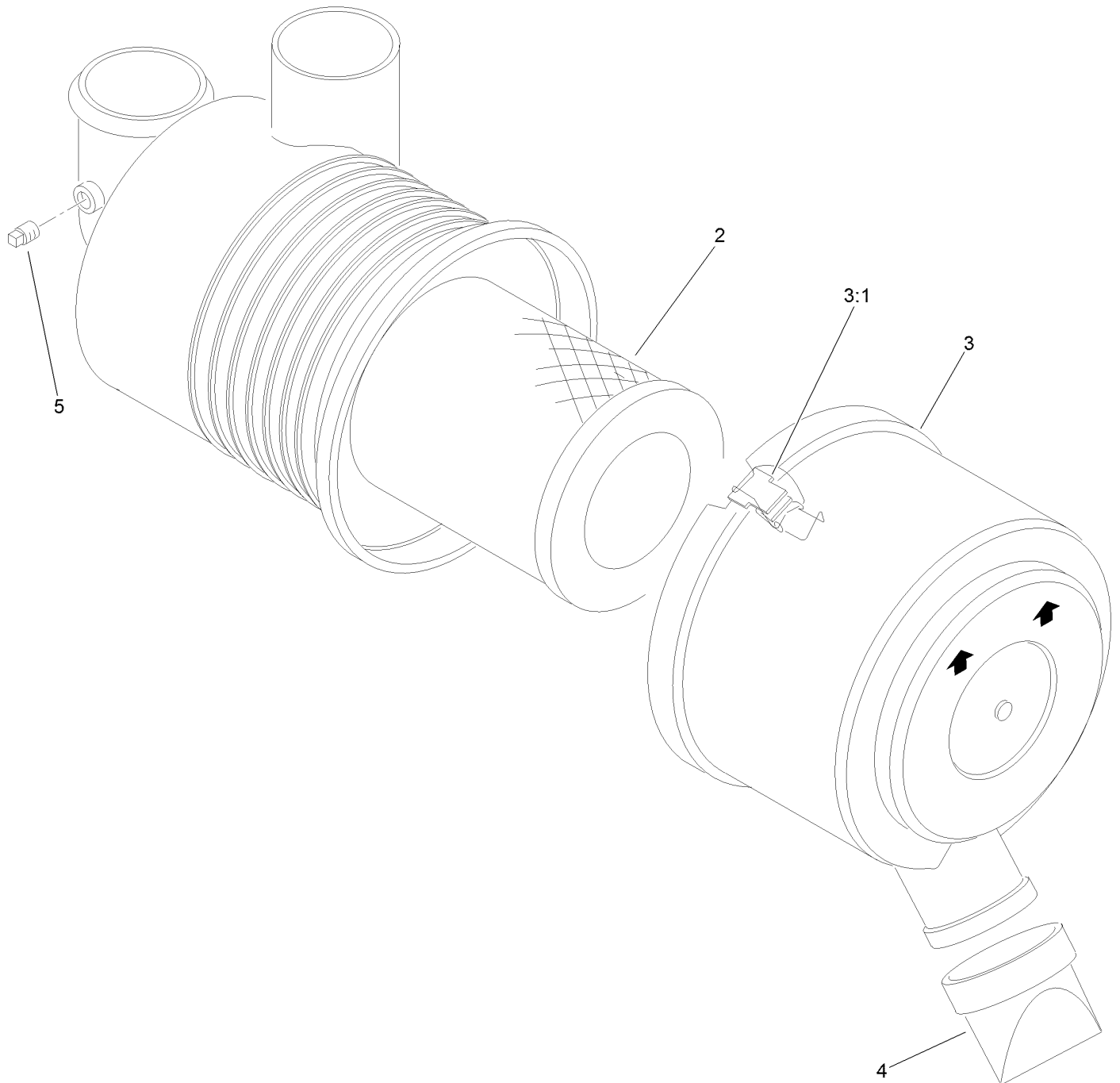


## Air Cleaner Mount Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>               |
|-------------|--------------------|-------------|----------------------------------|
| 1           | 117-1729-03        | 1           | Bracket-Support, Right           |
| 2           | 117-1728-03        | 1           | Bracket-Support, Left            |
| 3           | 33103-035          | 4           | Screw-HHF                        |
| 4           | 322-5              | 2           | Screw-HH                         |
| 5           | 93-2191            | 1           | Air Cleaner Mounting Band<br>ASM |
| 5:2         | 94-3653            | 1           | Bolt                             |
| 5:3         | 94-3654            | 1           | Spring                           |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 5:4         | 33024-00           | 1           | Nut-Lock, NI       |
| 6           | 32128-20           | 2           | Nut-HF             |
| 7           | 93-2190            | 1           | Air Cleaner ASM    |
| 8           | 114-8734           | 1           | Hose-Air Cleaner   |
| 9           | 2412-92            | 3           | Clamp-Hose         |
| 11          | 104-3563           | 1           | Indicator          |
| 11:1        | 94-1416            | 1           | Adapter-Indicator  |
| 12          | 114-1364           | 1           | Tube-Inlet, Air    |

# Air Cleaner Assembly No. 93-2190



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

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 2           | 108-3811           | 1           | Filter-Air V-Twin HD |
| 3           | 94-3652            | 1           | Cover ASM            |
| 3:1         | 1-643283           | 2           | Latch-Cleaner, Air   |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | 87-9400            | 1           | Valve-Vacuator     |
| 5           | 285-17             | 1           | Plug-Pipe          |

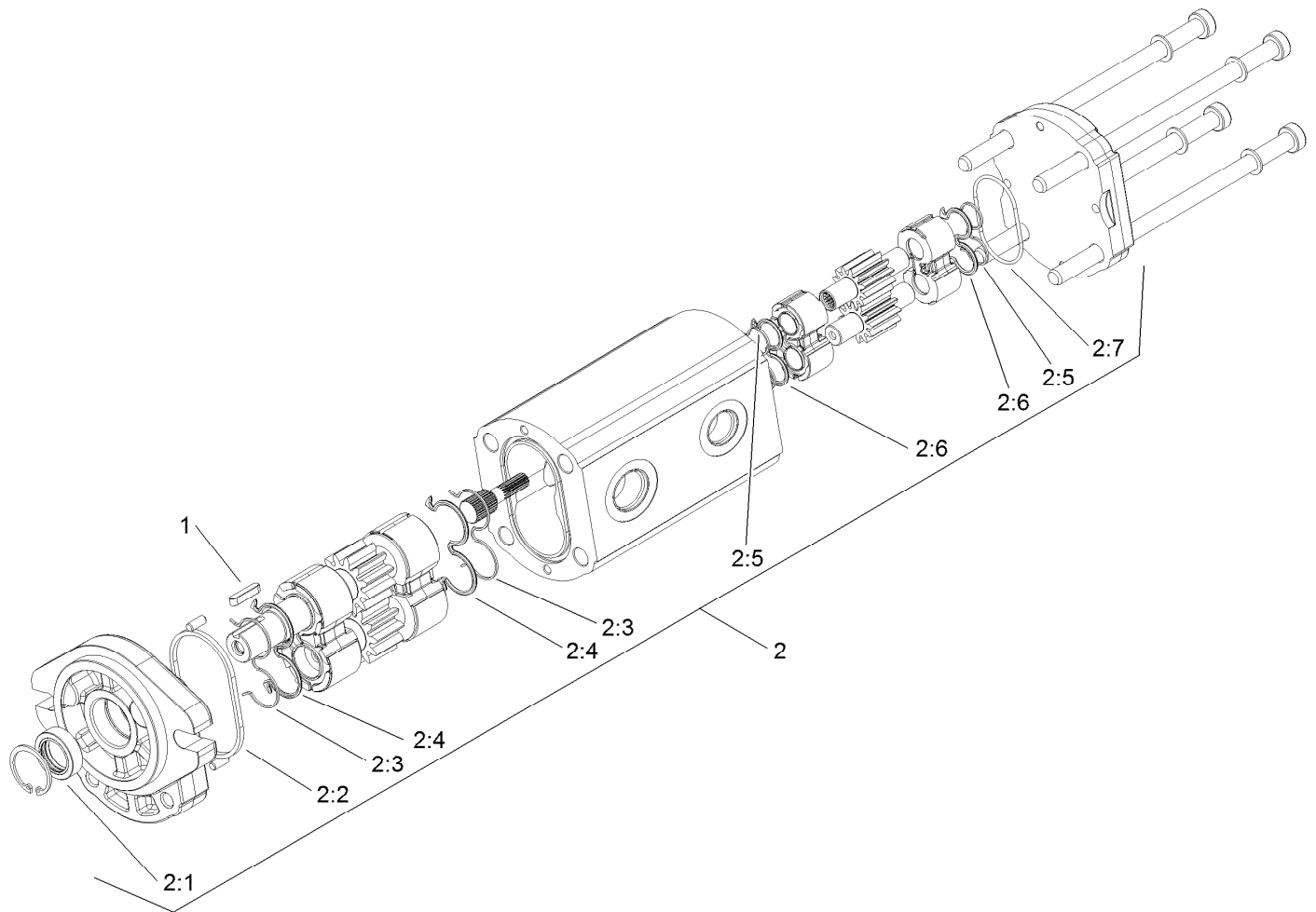
# Hydraulic Pump Mount Assembly



## Hydraulic Pump Mount 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           | 110-5236           | 1           | Hub-Engine           | 20          | 340-4              | 1           | Fitting-Straight   |
| 2           | 10-7070            | 1           | Key-Square           | 20:1        | 237-30             | 1           | O-Ring             |
| 3           | 3241-6             | 4           | Screw-SQH            | 20:2        | 237-79             | 1           | O-Ring             |
| 4           | 3256-23            | 4           | Washer-Plain         | 21          | 340-7              | 1           | Fitting-Straight   |
| 5           | 115-4523           | 2           | Coupling-Rubber      | 21:1        | 237-65             | 1           | O-Ring             |
| 6           | 71-4411            | 4           | Spacer               | 21:2        | 237-80             | 1           | O-Ring             |
| 7           | 110-9695           | 1           | Hub-Pump             | 22          | 114-1356           | 1           | HYD Tube ASM       |
| 8           | 322-8              | 4           | Screw-HH             | 22:1        | 237-30             | 1           | O-Ring             |
| 9           | 3296-29            | 4           | Nut-Lock, NI         | 23          | 114-1355           | 1           | HYD Tube ASM       |
| 10          | 98-2751-03         | 1           | Mount-Pump           | 23:1        | 237-65             | 1           | O-Ring             |
| 11          | 3253-6             | 4           | Washer-Lock          | 24          | 340-127            | 1           | Nut-Bulkhead       |
| 12          | 324-7              | 4           | Screw-HH             | 25          | 340-74             | 1           | Nut-Lock, Bulkhead |
| 13          | 106-7650           | 1           | HYD Pump ASM         | 26          | 354-120            | 1           | Fitting-Elbow, 90  |
| 14          | 66-9300            | 2           | Screw-HHF            | 26:1        | 237-79             | 1           | O-Ring             |
| 15          | 99-3017            | 1           | Fitting              | 27          | 98-4667            | 1           | Hose               |
| 15:1        | 237-81             | 1           | O-Ring               | 28          | 2412-36            | 2           | Clamp-Hose         |
| 16          | 131-0573           | 1           | Fitting-STR          | 29          | 2412-4             | 1           | Clamp-R            |
| 16:1        | 237-80             | 1           | O-Ring               | 30          | 3296-39            | 1           | Nut-Lock, NI       |
| 17          | 112-0211           | 2           | Strainer Fitting ASM | 31          | 3234-42            | 1           | Screw-HHF          |
| 17:1        | 237-146            | 1           | O-Ring               | 32          | 92-8020            | 1           | Adapter-Breather   |
| 18          | 131-0585           | 2           | Hose-Suction, Formed | 33          | 68-6150            | 1           | Breather           |
| 19          | 2412-34            | 4           | Clamp-Hose           |             |                    |             |                    |

# Hydraulic Gear Pump Assembly No. 106-7650



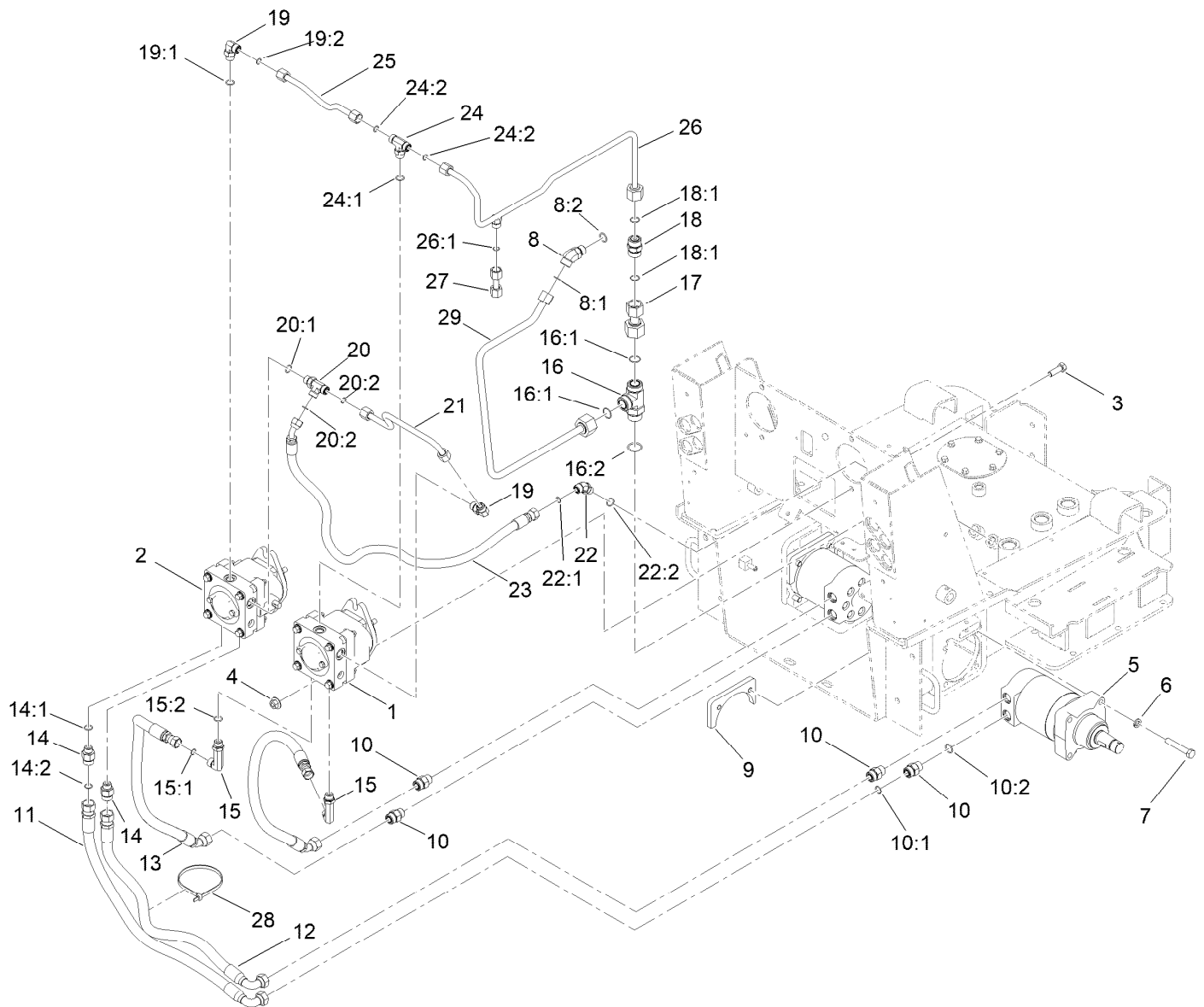
# Hydraulic Gear Pump Assembly No. 106-7650 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 100-4238           | 1           | Key-Square         |
| 2           | 107-9316           | 1           | Seal Kit           |
| 2:1         |                    | 1           | Seal-Shaft ●       |
| 2:2         |                    | 1           | Seal-Square ●      |
| 2:3         |                    | 2           | Ring-Backup ●      |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2:4         |                    | 2           | Seal-Gear ●        |
| 2:5         |                    | 2           | Ring-Backup ●      |
| 2:6         |                    | 2           | Seal-Gear-Rear ●   |
| 2:7         |                    | 1           | O-Ring ●           |

● Not serviced separately

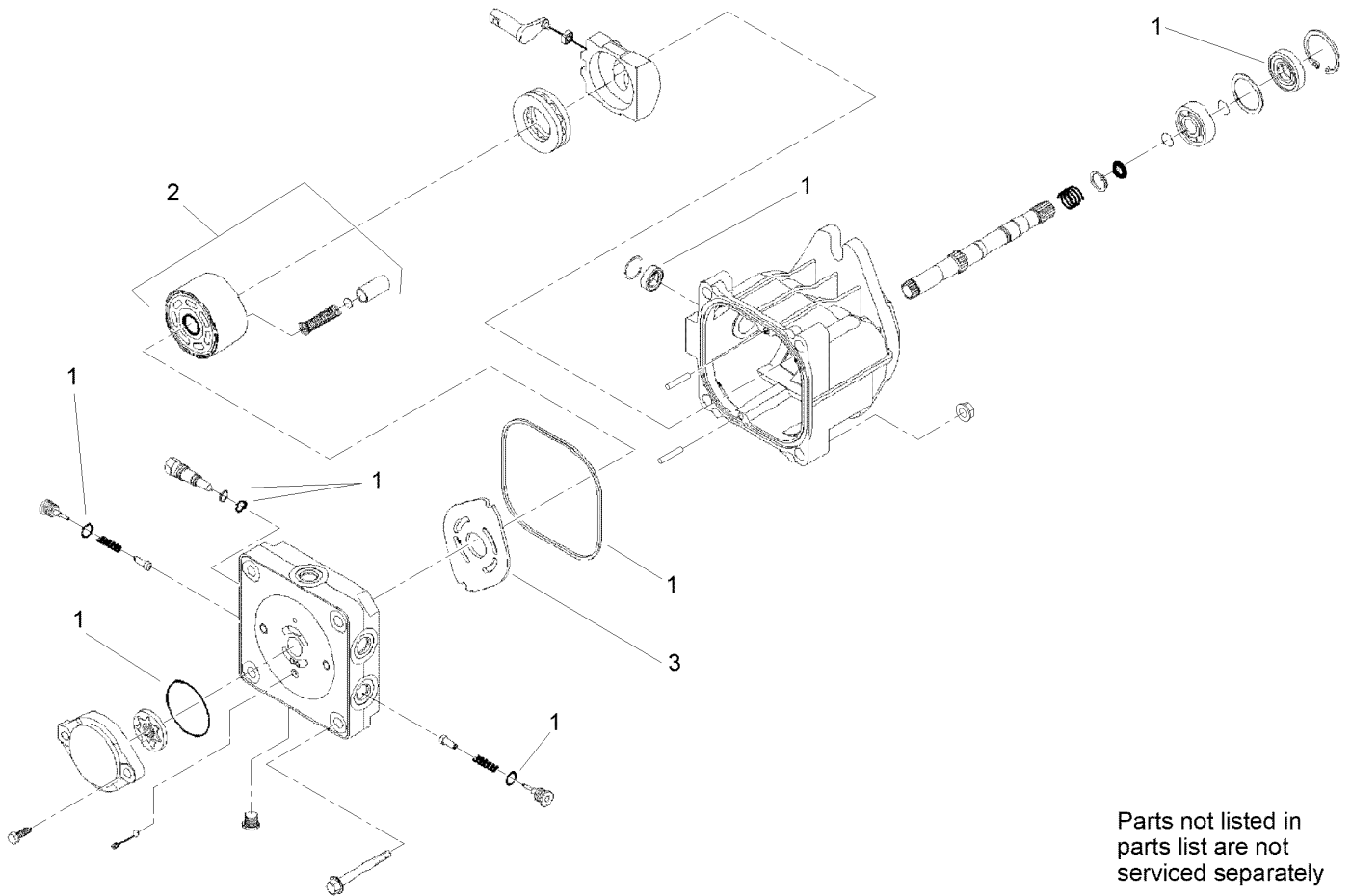
# Traction Hydraulic Assembly



## Traction Hydraulic 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           | 106-5706           | 1           | RH HYD Pump ASM        | 16:2        | 237-146            | 1           | O-Ring                |
| 2           | 106-5705           | 1           | LH HYD Pump ASM        | 17          | 105-0226           | 1           | Tube-HYD              |
| 3           | 325-6              | 4           | Screw-HH               | 18          | 99-6161            | 1           | HYD Check Valve ASM   |
| 4           | 32128-52           | 4           | Nut-Lock, Flg          | 18:1        | 237-58             | 2           | O-Ring                |
| 5           | 106-7654           | 2           | HYD Motor ASM          | 19          | 340-98             | 2           | Fitting-Elbow, 90 DEG |
| 6           | 3253-7             | 8           | Washer-Lock            | 19:1        | 237-79             | 1           | O-Ring                |
| 7           | 115-4845           | 8           | Screw-HH, TAP          | 19:2        | 237-30             | 1           | O-Ring                |
| 8           | 340-14             | 1           | Fitting-HYD, 45 DEG    | 20          | 340-109            | 1           | Fitting-Tee           |
| 8:1         | 237-65             | 1           | O-Ring                 | 20:1        | 237-79             | 1           | O-Ring                |
| 8:2         | 237-80             | 1           | O-Ring                 | 20:2        | 237-30             | 2           | O-Ring                |
| 9           | 98-2763-03         | 2           | Plate-Mounting         | 21          | 98-0200            | 1           | Tube-HYD              |
| 10          | 340-7              | 4           | Fitting-Straight       | 22          | 340-101            | 1           | Fitting-HYD, 45 DEG   |
| 10:1        | 237-65             | 1           | O-Ring                 | 22:1        | 237-30             | 1           | O-Ring                |
| 10:2        | 237-80             | 1           | O-Ring                 | 22:2        | 237-79             | 1           | O-Ring                |
| 11          | 115-4829           | 1           | Hose-HYD               | 23          | 98-0201            | 1           | Hose-HYD              |
| 12          | 115-4826           | 1           | Hose-HYD               | 24          | 340-157            | 1           | Fitting-HYD, Tee      |
| 13          | 98-0233            | 2           | Hose-HYD               | 24:1        | 237-79             | 1           | O-Ring                |
| 14          | 340-155            | 2           | Fitting-Straight       | 24:2        | 237-30             | 2           | O-Ring                |
| 14:1        | 237-79             | 1           | O-Ring                 | 25          | 106-9330           | 1           | Tube-HYD              |
| 14:2        | 237-151            | 1           | O-Ring                 | 26          | 108-4665           | 1           | HYD Tube ASM          |
| 15          | 99-6160            | 2           | Fitting-Elbow, 90 Long | 26:1        | 237-30             | 1           | O-Ring                |
| 15:1        | 237-30             | 1           | O-Ring                 | 27          | 108-4666           | 1           | Tube-HYD              |
| 15:2        | 237-79             | 1           | O-Ring                 | 28          | 3334-945           | 1           | Tie-Cable             |
| 16          | 104-3795           | 1           | Fitting-Tee            | 29          | 117-3988           | 1           | Tube-HYD              |
| 16:1        | 340-65             | 2           | O-Ring                 |             |                    |             |                       |

# Hydraulic Pump Assembly No. 106-5705 and 106-5706

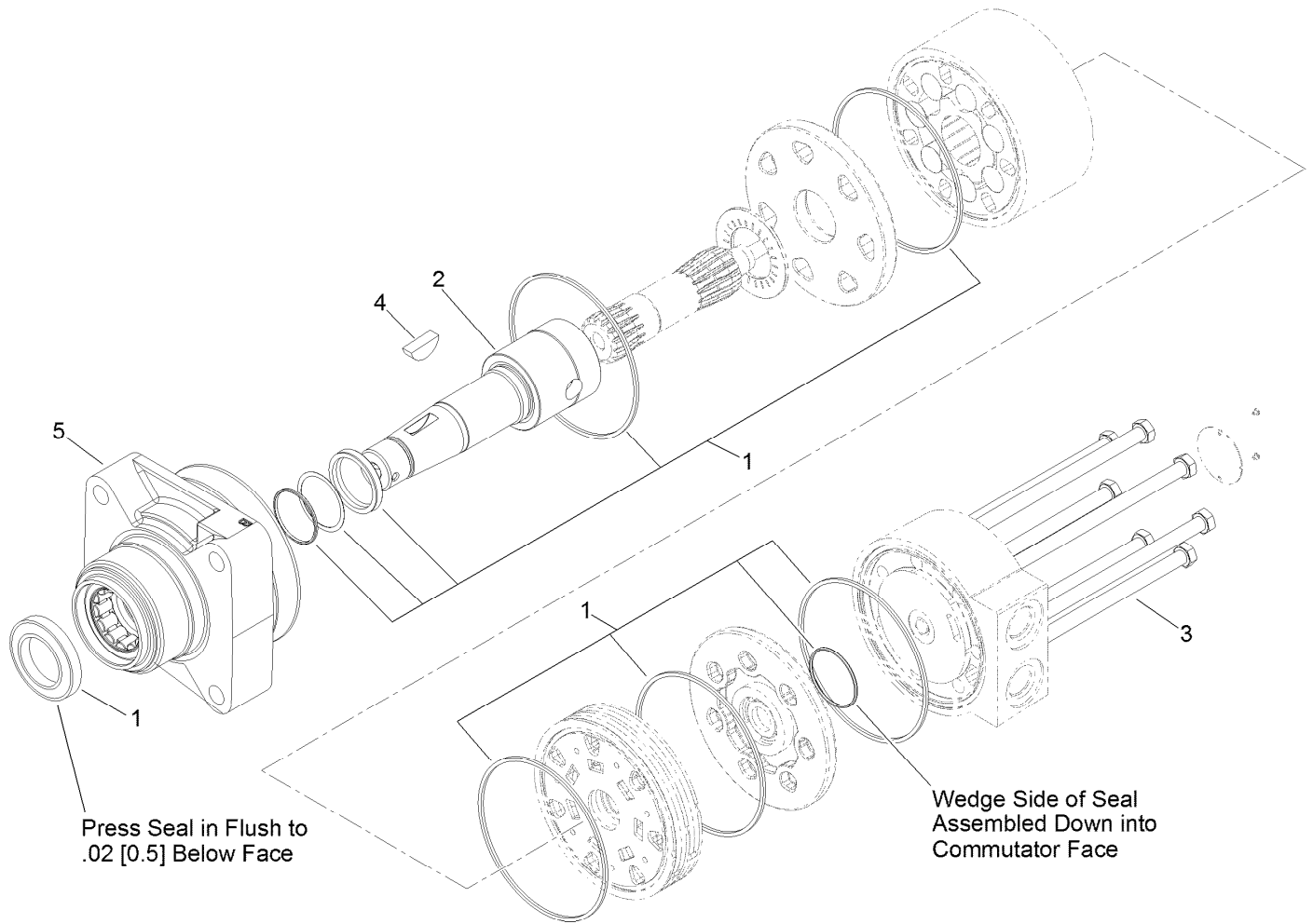


# Hydraulic Pump Assembly No. 106-5705 and

## 106-5706 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 100-6110           | 1           | Overhaul Seal Kit  |
| 2           | 94-1913            | 1           | Cylinder Block ASM |
| 3           | 100-6112           | 1           | Plate-Valve        |

# Hydraulic Motor Assembly No. 106-7654

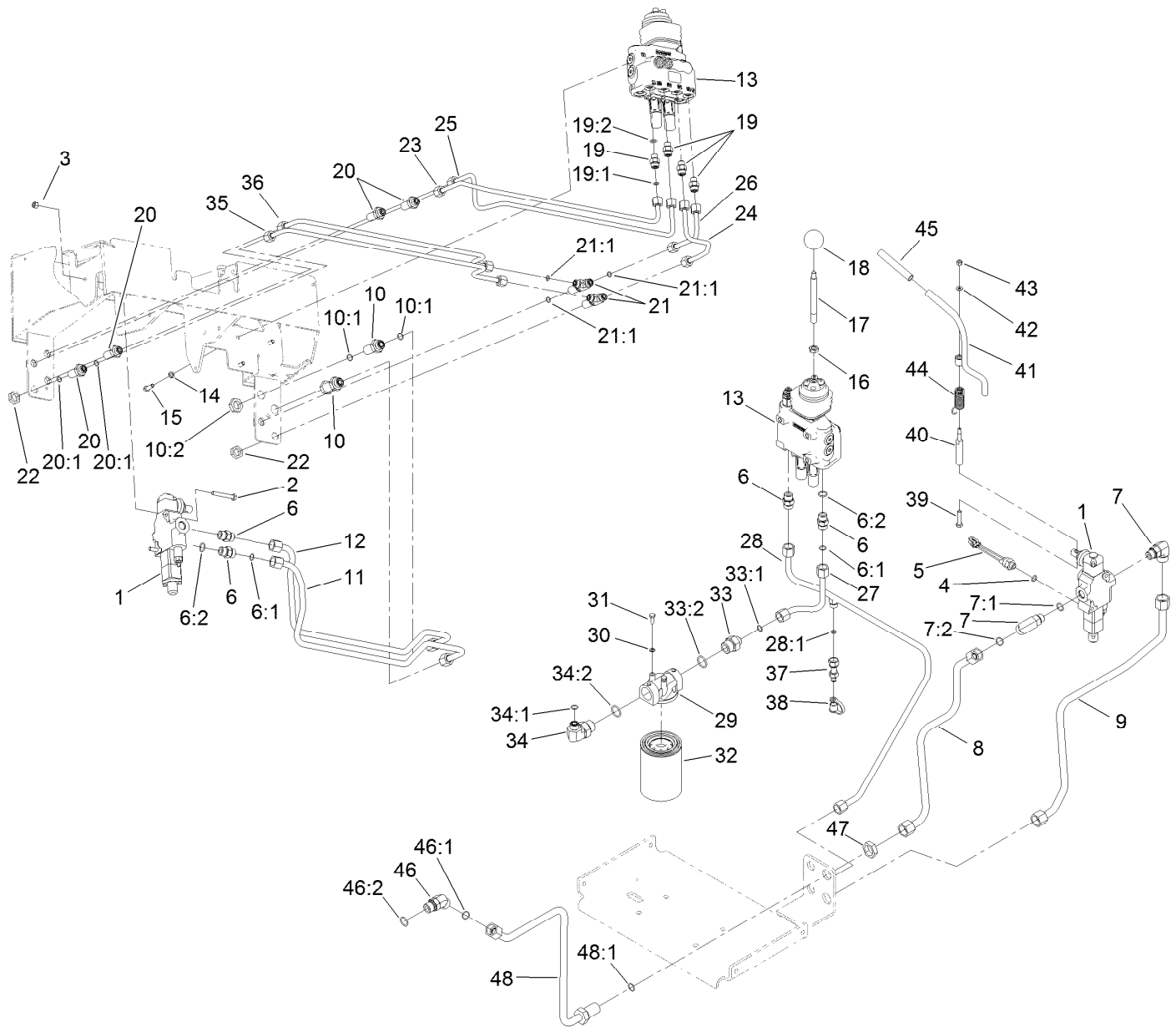


## Hydraulic Motor Assembly No. 106-7654 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 100-6131           | 1           | Seal Kit           |
| 2           | 106-7645           | 1           | Coupling-Shaft     |
| 3           | 100-4241           | 7           | Screw-HH           |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | 3257-42            | 1           | Key-Woodruff       |
| 5           | 108-5634           | 1           | Motor Housing ASM  |

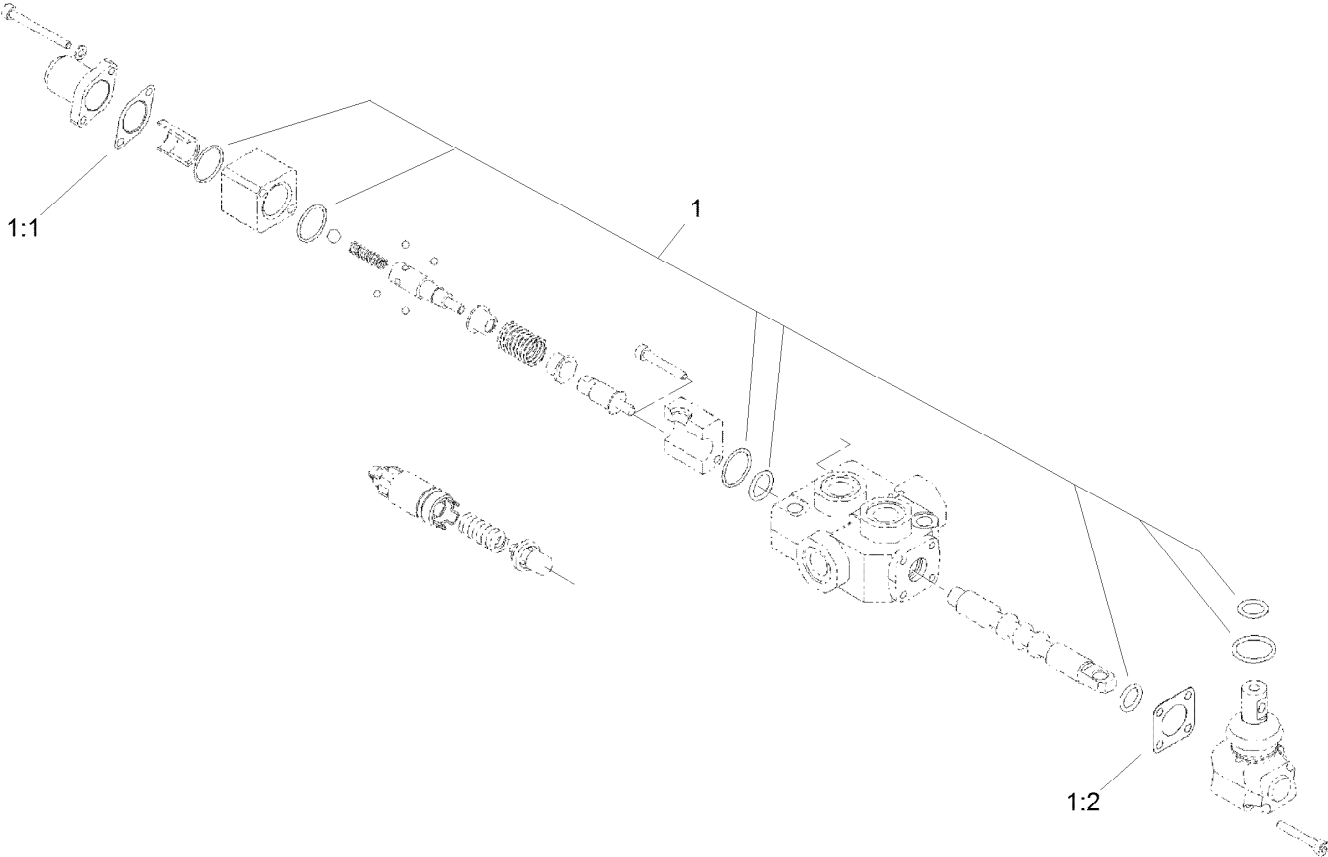
# Main Hydraulic Assembly



## Main Hydraulic 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           | 104-2831           | 1           | 1 Spool Valve ASM          | 24          | 106-9313           | 1           | Tube-HYD            |
| 2           | 322-11             | 2           | Screw-HH                   | 25          | 106-9314           | 1           | Tube-HYD            |
| 3           | 3296-29            | 2           | Nut-Lock, NI               | 26          | 106-9315           | 1           | Tube-HYD            |
| 4           | 237-42             | 1           | O-Ring                     | 27          | 106-9385           | 1           | Tube-HYD            |
| 5           | 72-4310            | 1           | Switch-Ball                | 28          | 106-9387           | 1           | HYD Tube ASM        |
| 6           | 340-4              | 4           | Fitting-Straight           | 28:1        | 237-22             | 1           | O-Ring              |
| 6:1         | 237-30             | 1           | O-Ring                     | 29          | 92-5821            | 1           | Head-Filter         |
| 6:2         | 237-79             | 1           | O-Ring                     | 30          | 3253-3             | 2           | Washer-Lock         |
| 7           | 340-153            | 2           | Fitting-Elbow, 90 DEG      | 31          | 321-4              | 2           | Screw-HH            |
| 7:1         | 237-79             | 1           | O-Ring                     | 32          | 86-3010            | 1           | Filter-Oil          |
| 7:2         | 237-151            | 1           | O-Ring                     | 33          | 100-4240           | 1           | Fitting-STR         |
| 8           | 104-5707           | 1           | Tube-HYD                   | 33:1        | 237-30             | 1           | O-Ring              |
| 9           | 106-9309           | 1           | Tube-HYD                   | 33:2        | 237-81             | 1           | O-Ring              |
| 10          | 340-161            | 2           | Fitting-Bulkhead           | 34          | 340-131            | 1           | Fitting-HYD, 90 DEG |
| 10:1        | 237-30             | 2           | O-Ring                     | 34:1        | 237-30             | 1           | O-Ring              |
| 10:2        | 340-127            | 1           | Nut-Bulkhead               | 34:2        | 237-81             | 1           | O-Ring              |
| 11          | 106-9310           | 1           | Tube-HYD                   | 35          | 106-9316           | 1           | Tube-HYD            |
| 12          | 106-9311           | 1           | Tube-HYD                   | 36          | 106-9317           | 1           | Tube-HYD            |
| 13          | 144-7354           | 1           | 2 Spool Valve ASM          | 37          | 86-5480            | 1           | Nipple-Test         |
| 14          | 3253-4             | 3           | Washer-Lock                | 38          | 354-79             | 1           | Cap-Dust            |
| 15          | 322-4              | 3           | Screw-HH                   | 39          | 33114-035          | 1           | Screw-HH            |
| 16          | 51-2070            | 1           | Nut                        | 40          | 104-2827           | 1           | Spacer-Hiflo        |
| 17          | 108-4675           | 1           | Shaft-Handle, Loader       | 41          | 112-2739           | 1           | Lever-Auxiliary     |
| 18          | 233-21             | 1           | Knob                       | 42          | 3256-16            | 1           | Washer-Flat         |
| 19          | 340-2              | 4           | Fitting-Straight           | 43          | 3296-42            | 1           | Nut-Lock, NI        |
| 19:1        | 237-22             | 1           | O-Ring                     | 44          | 112-2738           | 1           | Spring-Torsion      |
| 19:2        | 237-42             | 1           | O-Ring                     | 45          | 112-2605           | 1           | Grip-Rubber         |
| 20          | 340-71             | 4           | Fitting-Straight, Bulkhead | 46          | 340-14             | 1           | Fitting-HYD, 45 DEG |
| 20:1        | 237-22             | 2           | O-Ring                     | 46:1        | 237-65             | 1           | O-Ring              |
| 21          | 340-68             | 2           | Fitting-Tee, Bulkhead      | 46:2        | 237-80             | 1           | O-Ring              |
| 21:1        | 237-22             | 3           | O-Ring                     | 47          | 340-74             | 1           | Nut-Lock, Bulkhead  |
| 22          | 340-70             | 6           | Nut-Lock                   | 48          | 106-9333           | 1           | HYD Tube ASM        |
| 23          | 106-9312           | 1           | Tube-HYD                   | 48:1        | 237-65             | 1           | O-Ring              |

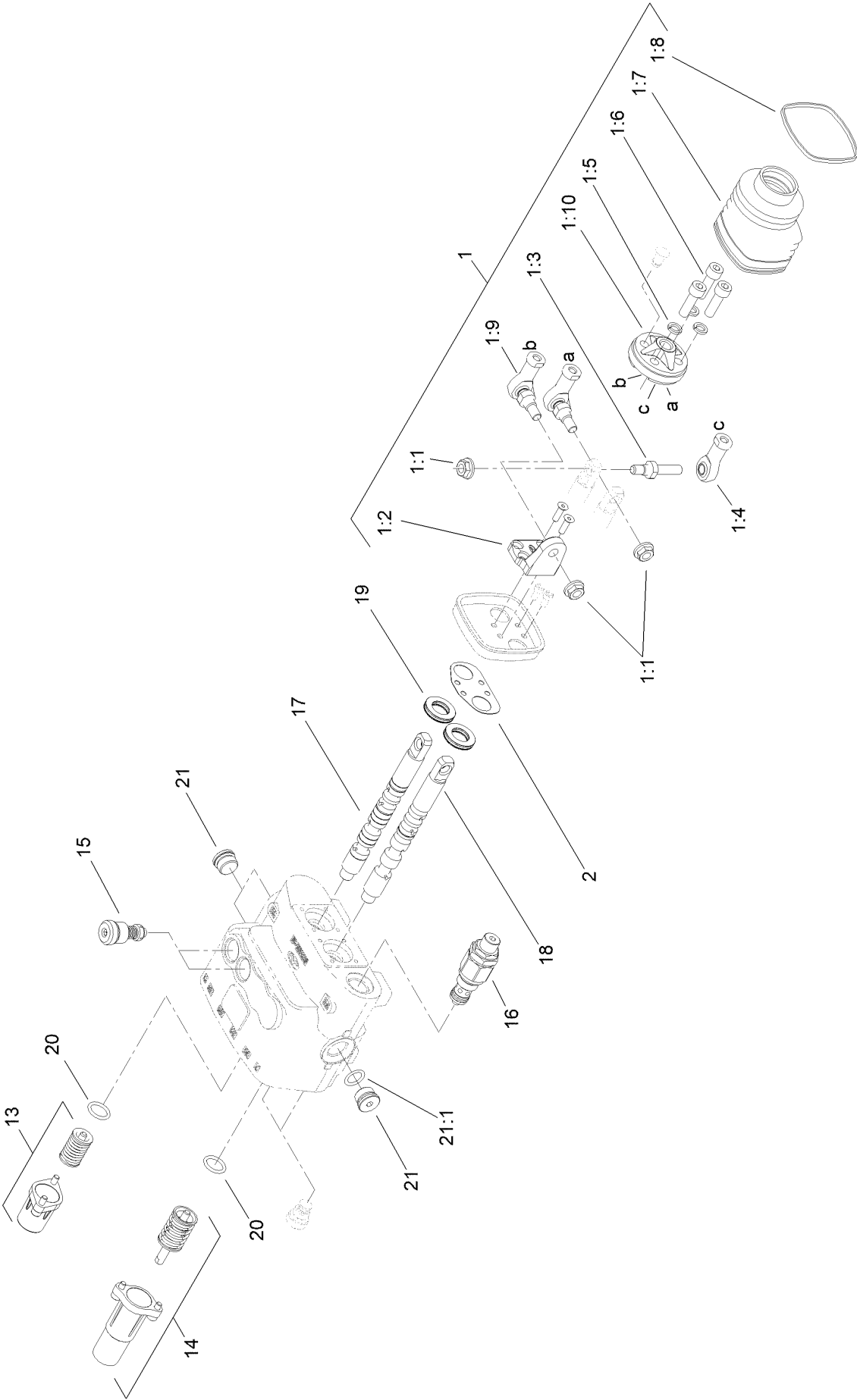
# One Spool Valve Assembly No. 104-2831



## One Spool Valve Assembly No. 104-2831 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 99-4390            | 1           | Seal Kit           |
| 1:1         | 99-3074            | 4           | Gasket             |
| 1:2         | 99-3075            | 8           | Gasket             |

Two Spool Valve Assembly No. 144-7354



## Two Spool Valve Assembly No. 144-7354 (continued)

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

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 106-7725           | 1           | Seal-Joystick      |
| 13          | 106-7732           | 1           | Valve Spring Kit   |
| 14          | 106-7733           | 1           | Detent Spring Kit  |
| 15          | 106-7734           | 2           | Valve-Relief       |
| 16          | 106-7735           | 1           | Valve-Relief, Main |
| 17          | 106-7736           | 1           | Spool-Valve        |
| 18          | 144-7350           | 1           | Spool - Valve      |
| 19          | 106-7738           | 2           | Seal-Valve, Spool  |
| 20          | 106-7719           | 2           | Seal-Valve         |
| 21          | 353-988            | 3           | Plug-Hex           |
| 21:1        | 237-79             | 1           | O-Ring             |

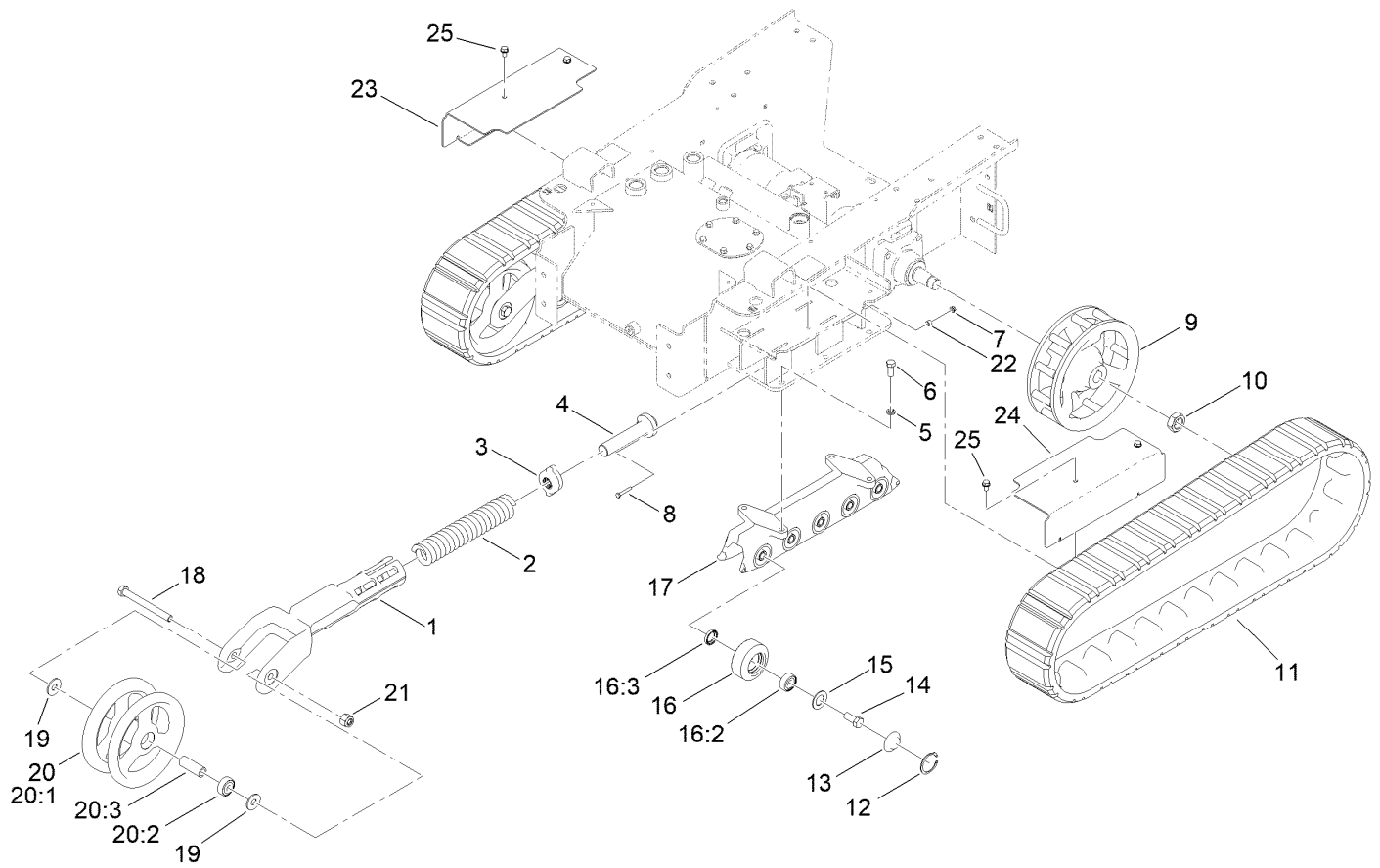
# Hydraulic Pump Pulley Assembly



## Hydraulic Pump Pulley 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           | 3-6168             | 2           | Key                        | 9           | 115-1486           | 1           | Arm-Idler          |
| 2           | 106-5710           | 2           | Pulley-3V                  | 10          | 323-9              | 1           | Screw-HH           |
| 3           | 95-3611            | 1           | V-Belt                     | 11          | 104-8301           | 2           | Nut-HF, NI         |
| 4           | 3256-25            | 2           | Washer-Flat                | 12          | 117-9971           | 1           | Bolt-Carriage      |
| 5           | 3296-38            | 2           | Nut-Lock, NI               | 13          | 119-2358           | 1           | Pulley-Idler       |
| 6           | 115-1485           | 2           | Washer-Plain               | 14          | 43-0940            | 1           | Spacer             |
| 7           | 114-0463           | 2           | Washer-Friction, Composite | 15          | 105-0383           | 1           | Spring-Extension   |
| 8           | 115-4986           | 1           | Spacer                     | 16          | 112-2409           | 1           | Retainer-Spring    |

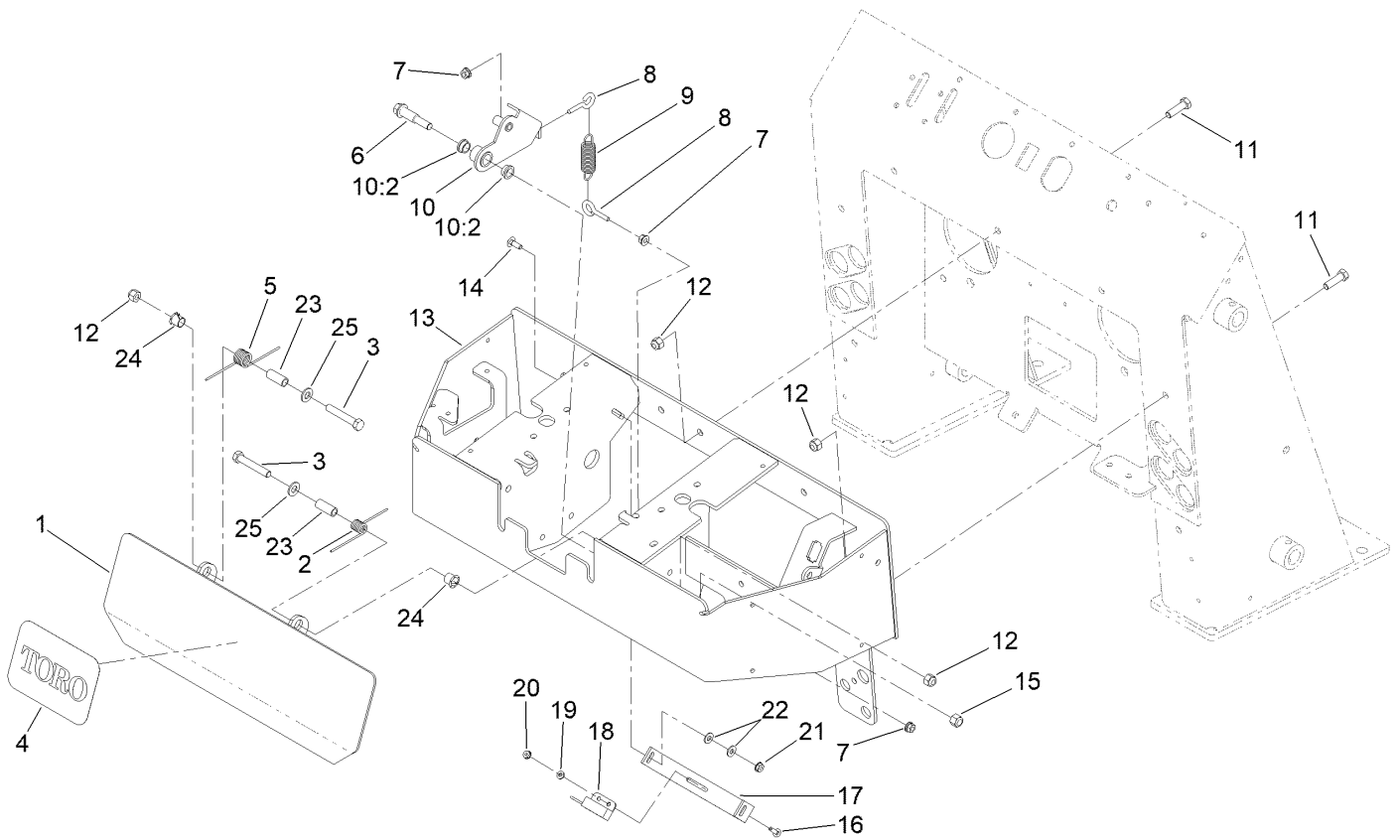
# Track and Traction Assembly



## Track and Traction 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           | 108-4691-05        | 2           | Arm-Tensioner, [blk-Txt] | 16:2        | 120-5378           | 1           | Bearing-Ball                     |
| 2           | 95-3624            | 2           | Spring-Compression       | 16:3        | 253-118            | 1           | Seal-Oil                         |
| 3           | 108-4664           | 2           | Block-Tensioner          | 17          | 117-1310-0P        | 2           | Guide-Track, Tx Narrow<br>[prime |
| 4           | 98-9846            | 2           | Bolt-Tensioner           | 18          | 327-17             | 2           | Screw-HH                         |
| 5           | 3253-7             | 8           | Washer-Lock              | 19          | 3256-7             | 4           | Washer-Flat                      |
| 6           | 325-5              | 8           | Screw-HH                 | 20          | 104-5745           | 2           | Tensioner Wheel ASM              |
| 7           | 32128-32           | 2           | Nut-HHF                  | 20:1        | 104-5747-03        | 1           | Wheel-Tensioner                  |
| 8           | 321-37             | 2           | Screw-HH                 | 20:2        | 98-9835            | 1           | Spacer-Wheel, Tensioner          |
| 9           | 108-5643           | 2           | Wheel-Drive, Tx 420      | 20:3        | 120-5378           | 2           | Bearing-Ball                     |
| 10          | 107-9319           | 2           | Nut-Hex                  | 21          | 3296-24            | 2           | Nut-Hex                          |
| 11          | 136-5847           | 2           | Track                    | 22          | 98-4799            | 2           | Spacer                           |
| 12          | 106-7595           | 20          | Ring-Snap, Internal      | 23          | 161-9494-05        | 1           | Cover-Frame, Track               |
| 13          | 106-7557           | 20          | Cap-Wheel, Bearing       | 24          | 163-3272-05        | 1           | Cover-Track, Track [blk-Txt]     |
| 14          | 327-4              | 20          | Screw-HH                 | 25          | 32144-15           | 4           | Screw-HHFTF                      |
| 15          | 106-7585           | 20          | Gasket-Bogie             |             |                    |             |                                  |
| 16          | 138-0782           | 20          | Road Wheel ASM           |             |                    |             |                                  |

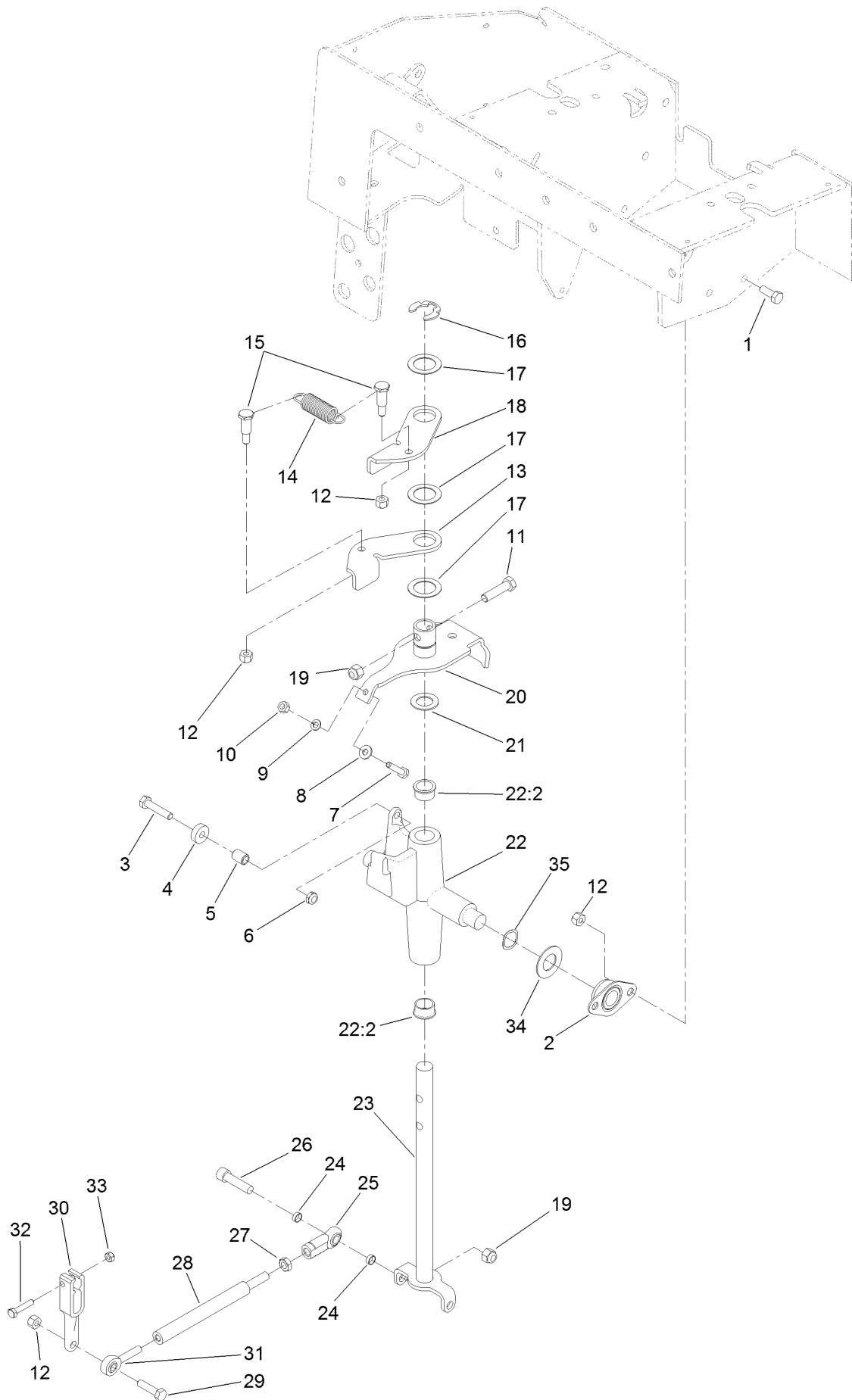
# Control Panel Assembly



## Control Panel 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           | 112-2786-05        | 1           | Reverse Plate ASM<br>(Welded)  | 12          | 3296-39            | 7           | Nut-Lock, NI            |
| 2           | 98-8425            | 1           | Spring-Torsion, LH             | 13          | 163-3275-01        | 1           | Control Panel ASM [red] |
| 3           | 323-11             | 2           | Screw-HH                       | 14          | 3229-1             | 2           | Screw-CARR              |
| 4           | 105-1217           | 1           | Decal                          | 15          | 3296-6             | 1           | Nut-Lock                |
| 5           | 98-8424            | 1           | Spring-Torsion, RH             | 16          | 3229-20            | 2           | Screw-CARR              |
| 6           | 66-0560            | 1           | Bolt-Shoulder                  | 17          | 100-1263           | 1           | Plate-Switch            |
| 7           | 32128-32           | 4           | Nut-HHF                        | 18          | 100-1270           | 1           | Switch-Proximity        |
| 8           | 71-2870            | 2           | Bolt-Eye                       | 19          | 3256-51            | 2           | Washer-Flat             |
| 9           | 108-4724           | 1           | Spring-Extension               | 20          | 32149-7            | 2           | Nut-Keps                |
| 10          | 100-4203           | 1           | Neutral Centering Lever<br>ASM | 21          | 32149-2            | 2           | Nut-Keps                |
| 10:2        | 256-156            | 2           | Bushing-Flange                 | 22          | 3256-22            | 4           | Washer-Flat             |
| 11          | 323-7              | 5           | Screw-HH                       | 23          | 114-1337           | 2           | Spacer-Spring           |
|             |                    |             |                                | 24          | 256-257            | 2           | Bushing-Nyliner         |
|             |                    |             |                                | 25          | 3256-24            | 2           | Washer-Plain            |

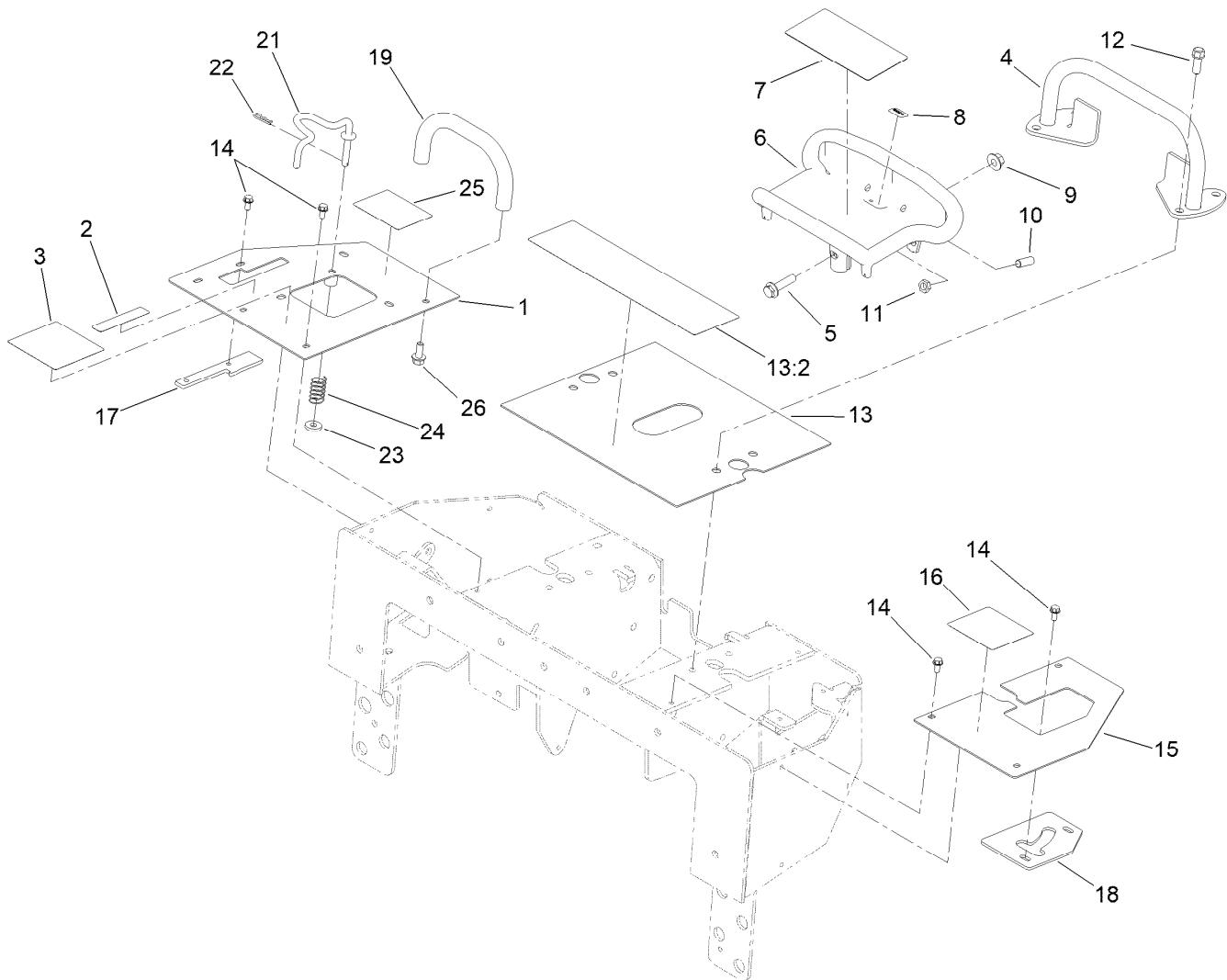
# Traction Control Assembly



## Traction Control 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           | 322-4              | 4           | Screw-HH              | 19          | 3296-39            | 3           | Nut-Lock, NI        |
| 2           | 27-2320            | 2           | Bearing               | 20          | 112-2783           | 1           | Lever-Pivot         |
| 3           | 322-7              | 1           | Screw-HH              | 21          | 257-8              | 1           | Washer-Thrust       |
| 4           | 251-259            | 1           | Bearing-Ball          | 22          | 106-5737           | 1           | Control Support ASM |
| 5           | 88-7450            | 1           | Spacer-Lever, Control | 22:2        | 256-252            | 2           | Bearing-Flange      |
| 6           | 3296-47            | 1           | Nut-Lock, NI          | 23          | 117-6335           | 1           | Rod-Drive           |
| 7           | 114-0282           | 1           | Screw-HH              | 24          | 117-9915           | 4           | Spacer              |
| 8           | 3256-22            | 1           | Washer-Flat           | 25          | 103-1167           | 2           | Joint-Ball End, LH  |
| 9           | 3253-3             | 1           | Washer-Lock           | 26          | 3274-2             | 2           | Screw-HSH           |
| 10          | 3217-5             | 1           | Nut-Hex               | 27          | 3220-16            | 2           | Nut-Hex Jam, LH     |
| 11          | 323-8              | 1           | Screw-HH              | 28          | 117-9900           | 2           | Rod-Linkage         |
| 12          | 3296-29            | 8           | Nut-Lock, NI          | 29          | 322-6              | 2           | Screw-HH            |
| 13          | 98-8407            | 1           | Lever-Return, RH      | 30          | 117-3964-03        | 2           | Arm-Control, Pump   |
| 14          | 108-4724           | 1           | Spring-Extension      | 31          | 117-9969           | 2           | Bearing-Rod End, RH |
| 15          | 63-2650            | 2           | Screw-Shoulder        | 32          | 33113-030          | 2           | Screw-HH            |
| 16          | 32151-91           | 1           | Ring-Retaining        | 33          | 33023-00           | 2           | Nut-Lock            |
| 17          | 108-9743           | 3           | Washer-Plain          | 34          | 3256-39            | 2           | Washer-Flat         |
| 18          | 98-8408            | 1           | Lever-Return, LH      | 35          | 95-3703            | 2           | Washer-Spring, Wave |

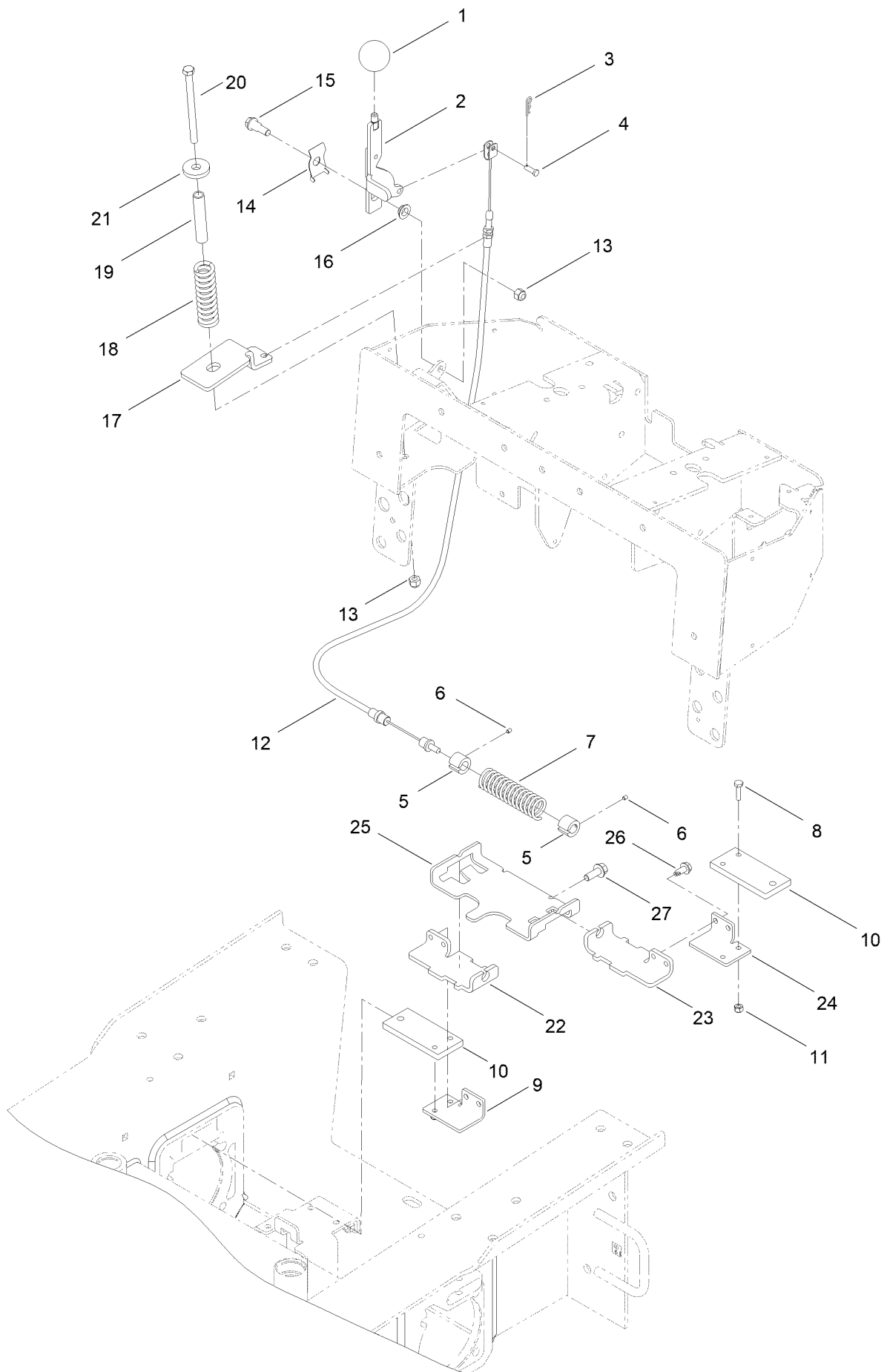
# Control Handle and Reference Bar Assembly



## Control Handle and Reference Bar 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           | 163-3273-01        | 1           | Cover-Control, RH [red]  | 13:2        | 115-4860           | 1           | Decal-Danger             |
| 2           | 115-4859           | 1           | Decal-Brake              | 14          | 9266714            | 9           | Screw-HWH                |
| 3           | 161-9448           | 1           | Decal-Controls           | 15          | 163-3269-01        | 1           | Panel-Control, LH        |
| 4           | 106-7715-05        | 1           | Bar-Reference [blk-Txt]  | 16          | 115-4861           | 1           | Decal-Control, Auxiliary |
| 5           | 3234-18            | 1           | Screw-HHF                | 17          | 112-2691           | 1           | Plate-Locking, Brake     |
| 6           | 120-5380-05        | 1           | Handle-Control [blk-Txt] | 18          | 112-2749-01        | 1           | Plate-Stop               |
| 7           | 115-4020           | 1           | Decal-Traction           | 19          | 112-2620-05        | 1           | Bar-Reference            |
| 8           | 98-1459            | 1           | Decal                    | 21          | 115-4580           | 1           | Rod-Interlock            |
| 9           | 32128-43           | 1           | Nut-Flange               | 22          | 3290-307           | 1           | Pin-Cotter               |
| 10          | 3247-6             | 2           | Screw-Set                | 23          | 88-7200            | 1           | Washer-Flat              |
| 11          | 3218-3             | 2           | Nut-Jam                  | 24          | 85-6750            | 1           | Spring-Control           |
| 12          | 95-1726            | 4           | Screw-Taptite            | 25          | 115-4862           | 1           | Decal-Loader Lock        |
| 13          | 108-4643           | 1           | Center Panel ASM         | 26          | 3234-5             | 2           | Screw-HHF                |

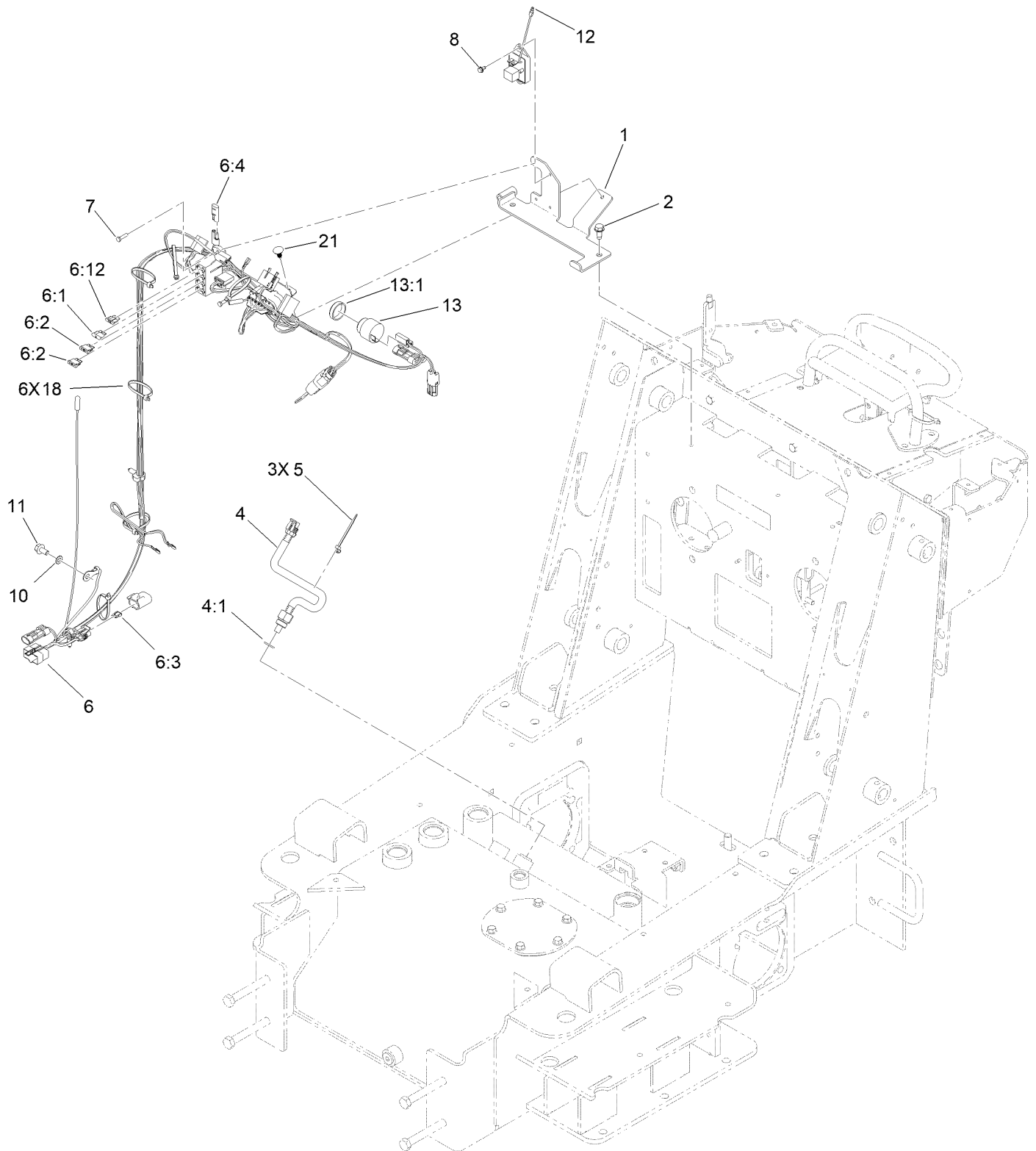
# Brake Cable Assembly



## Brake Cable 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           | 233-21             | 1           | Knob                         | 15          | 94-6177            | 1           | Bolt-Shoulder                   |
| 2           | 112-2694-05        | 1           | Brake Handle ASM<br>(Welded) | 16          | 93-2368            | 1           | Bushing-Flange                  |
| 3           | 3290-307           | 1           | Pin-Cotter                   | 17          | 115-4854-03        | 1           | Bracket-Cable, Spring           |
| 4           | 283-67             | 1           | Pin-Clevis                   | 18          | 114-1254           | 1           | Spring-Compression              |
| 5           | 100-6274           | 2           | Tube-Guide                   | 19          | 114-1255           | 1           | Spacer-Spring                   |
| 6           | 3245-20            | 2           | Screw-Set                    | 20          | 323-39             | 1           | Screw-HH                        |
| 7           | 100-1678-03        | 1           | Spring                       | 21          | 98-0691            | 1           | Washer-Hardened                 |
| 8           | 321-6              | 4           | Screw-HH                     | 22          | 112-2788-0P        | 1           | Bracket-Mounting, Brake<br>R.H. |
| 9           | 112-2789-0P        | 1           | Bar-Link, Brake R.H.         | 23          | 112-2733-0P        | 1           | Bracket-Mounting, Brake<br>L.H. |
| 10          | 112-2735-0P        | 2           | Plate-Brake                  | 24          | 112-2734-0P        | 1           | Bar-Link, Brake L.H.            |
| 11          | 3296-42            | 4           | Nut-Lock, NI                 | 25          | 110-0224-0P        | 1           | Support-Bar, Brake              |
| 12          | 112-2791           | 1           | Cable-Brake                  | 26          | 32104-32           | 4           | Screw-HWH                       |
| 13          | 3296-39            | 2           | Nut-Lock, NI                 | 27          | 3234-11            | 2           | Screw-HHF                       |
| 14          | 112-2695           | 1           | Spring-Leaf                  |             |                    |             |                                 |

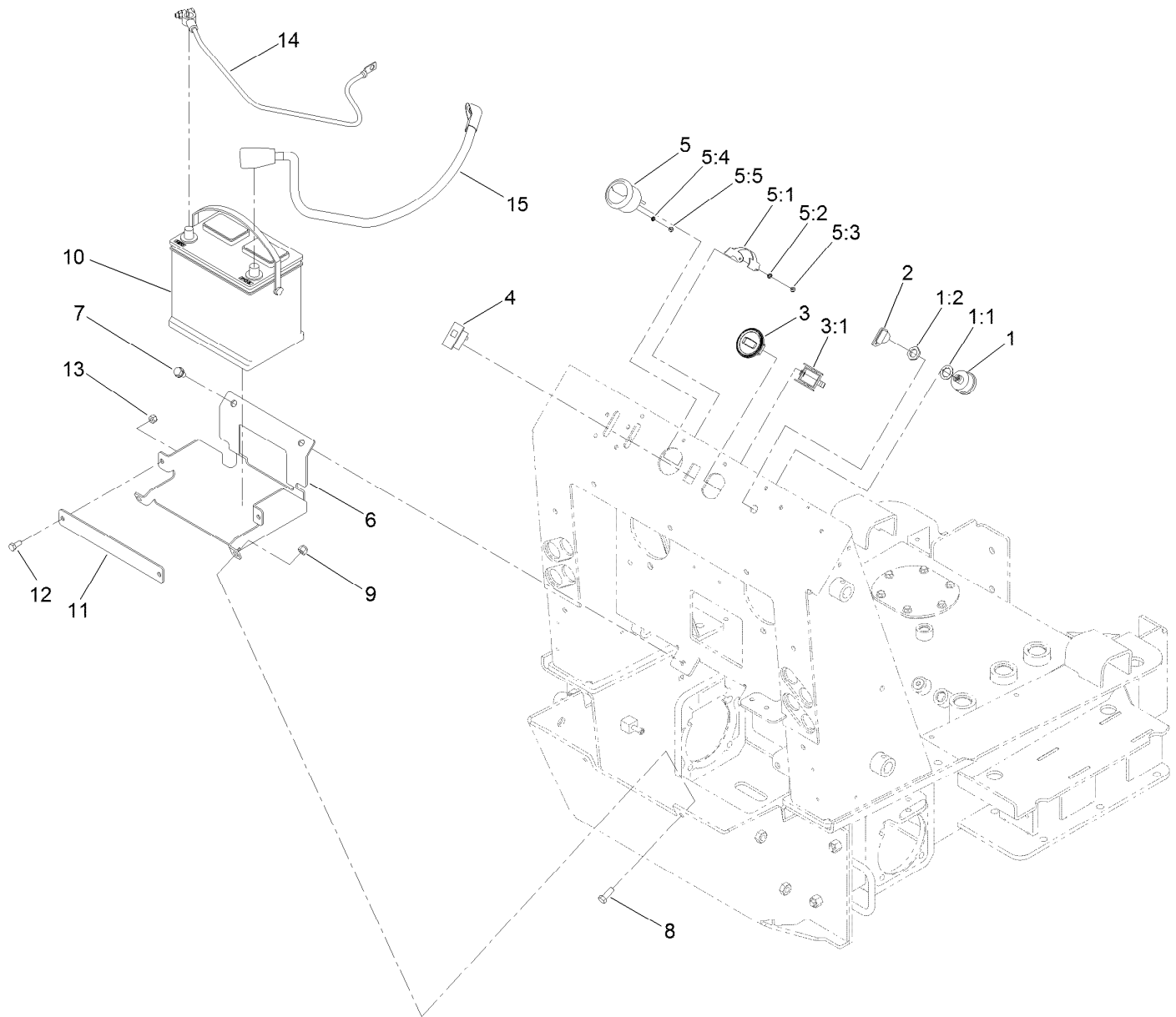
# Electrical Assembly



## Electrical 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           | 163-3213-03        | 1           | Fuse/Relay Bracket ASM<br>[black] | 6:12        | 114241             | 1           | Fuse-Blade, 7.5 Amp    |
| 2           | 32144-11           | 2           | Screw-HWH                         | 7           | 32104-4            | 2           | Screw                  |
| 4           | 98-2765            | 1           | Switch-Temperature                | 8           | 104-2065           | 2           | Screw-HWH              |
| 4:1         | 237-79             | 1           | O-Ring                            | 10          | 3255-8             | 1           | Washer-Lock            |
| 5           | 3290-381           | 3           | Tie-Cable                         | 11          | 33104-016          | 1           | Screw-HHF              |
| 6           | 122-3955           | 1           | Harness-Wire, Main                | 12          | 99-7422            | 1           | Module-Delay, Ignition |
| 6:1         | 94-6710            | 1           | Fuse-2 Amp                        | 13          | 80-9330            | 1           | Audio Alarm ASM        |
| 6:2         | 109355             | 2           | Fuse-Blade, 15 Amp                | 13:1        | 104-5107           | 1           | Nut-Plastic, Knurled   |
| 6:3         | 109103             | 1           | Fuse-Blade, 30 Amp                | 18          | 3290-378           | 6           | Tie-Cable              |
| 6:4         | 116-0053           | 1           | Cap-Plug                          | 21          | 117-2382           | 1           | Plug-Plastic           |

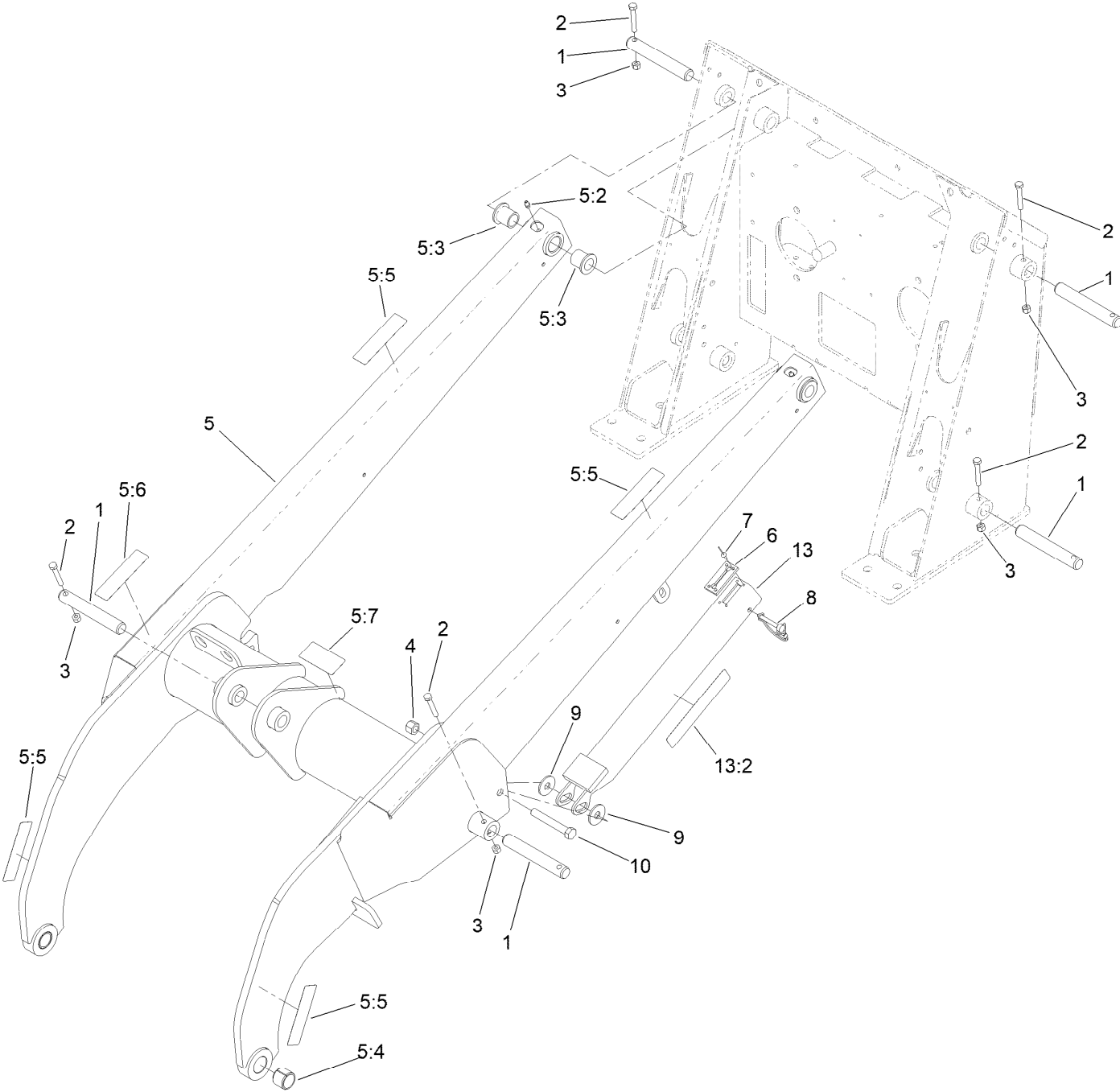
# Battery, Key Switch and Fuel Gauge Assembly



## Battery, Key Switch and Fuel Gauge 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           | 88-9830            | 1           | Key Switch ASM          | 5:5         | 3217-16            | 3           | Nut-Hex                 |
| 1:1         | 3254-5             | 1           | Washer-Lock             | 6           | 106-9390-03        | 1           | Tray-Mounting, Battery  |
| 1:2         | 218-461            | 1           | Nut-HH                  | 7           | 32144-69           | 2           | Screw-HWHTF             |
| 2           | 63-8360            | 3           | Key-Ignition            | 8           | 323-6              | 2           | Screw-HH                |
| 3           | 104-7427           | 1           | Inductive Hourmeter ASM | 9           | 3296-39            | 2           | Nut-Lock, NI            |
| 3:1         | 104-4234           | 1           | Clip-Mounting           | 10          | 104-9979           | 1           | Battery                 |
| 4           | 104-2839           | 1           | Light-Temp, Oil         | 11          | 105-0371-03        | 1           | Clamp-Battery           |
| 5           | 66-2940            | 1           | Gauge-Fuel              | 12          | 322-3              | 2           | Screw-HH                |
| 5:1         | 100-6147           | 1           | Bracket-Mounting, Gauge | 13          | 3296-29            | 2           | Nut-Lock, NI            |
| 5:2         | 3254-1             | 2           | Washer-Lock, Int        | 14          | 106-5708           | 1           | Cable-Battery, Negative |
| 5:3         | 3217-27            | 2           | Nut-Hex                 | 15          | 106-5707           | 1           | Cable-Battery, Positive |
| 5:4         | 3255-24            | 3           | Washer-Lock / EXT       |             |                    |             |                         |

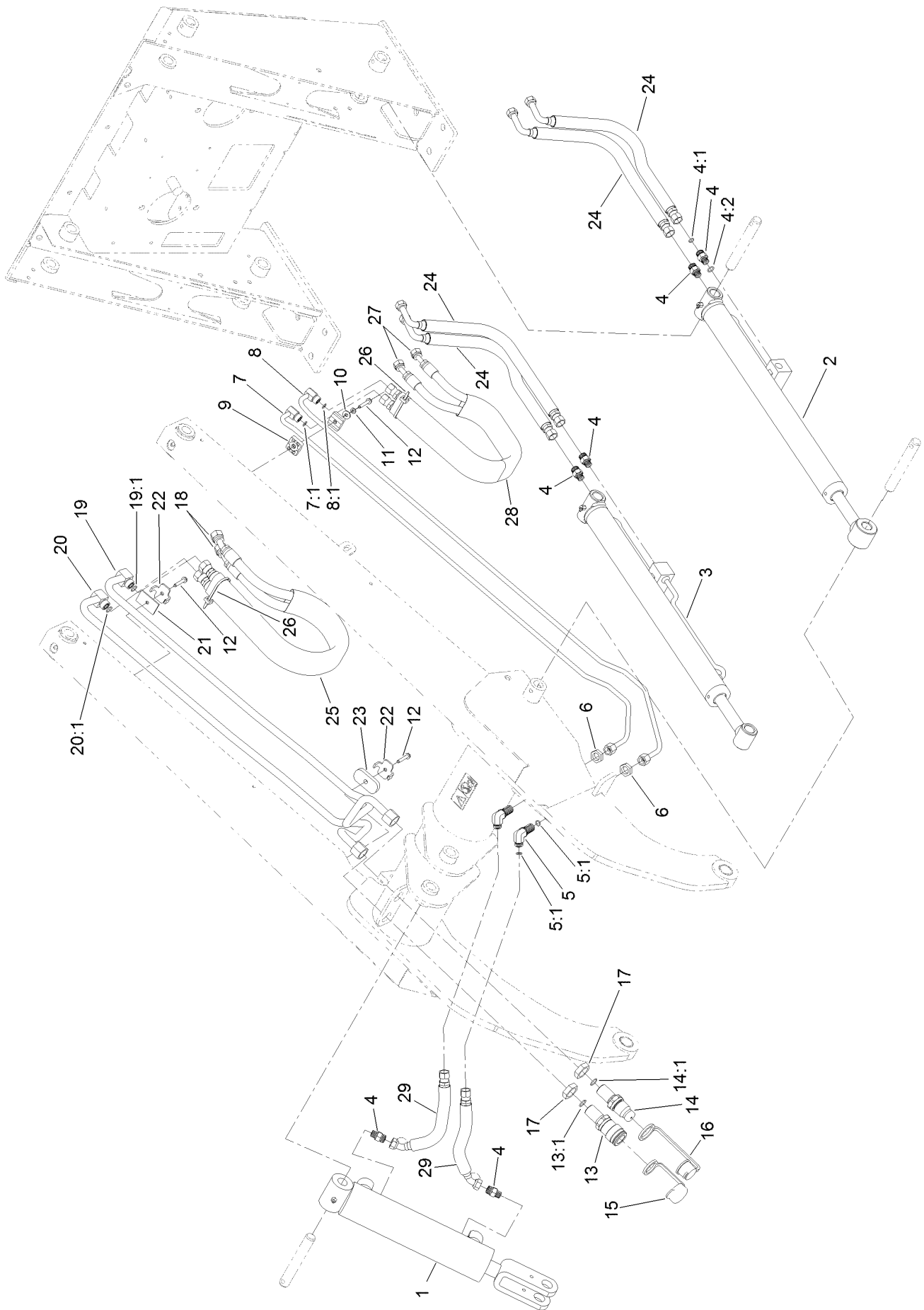
# Loader Arm Assembly



## Loader Arm 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           | 104-2849           | 7           | Pin-Locking          | 5:6         | 115-4855           | 1           | Decal-Caution      |
| 2           | 322-10             | 7           | Screw-HH             | 5:7         | 100-8822           | 1           | Decal-No Rider     |
| 3           | 3296-29            | 7           | Nut-Lock, NI         | 6           | 98-0083            | 1           | Stop-Rubber        |
| 4           | 3296-23            | 1           | Nut-Lock, NI         | 7           | 95-1687            | 4           | Rivet              |
| 5           | 163-3282           | 1           | Loader Arm ASM       | 8           | 100-1663           | 1           | Pin-Hitch          |
| 5:2         | 302-5              | 2           | Fitting-Grease       | 9           | 68-1440            | 2           | Washer-Rubber      |
| 5:3         | 95-3577            | 4           | Bushing              | 10          | 325-14             | 1           | Screw-HH           |
| 5:4         | 98-4871            | 2           | Bushing-Tension      | 13          | 108-4639           | 1           | Locking Arm ASM    |
| 5:5         | 100-8821           | 4           | Decal-Warning, Pinch | 13:2        | 115-4858           | 2           | Decal-Danger       |

# Loader Arm Hydraulic Assembly

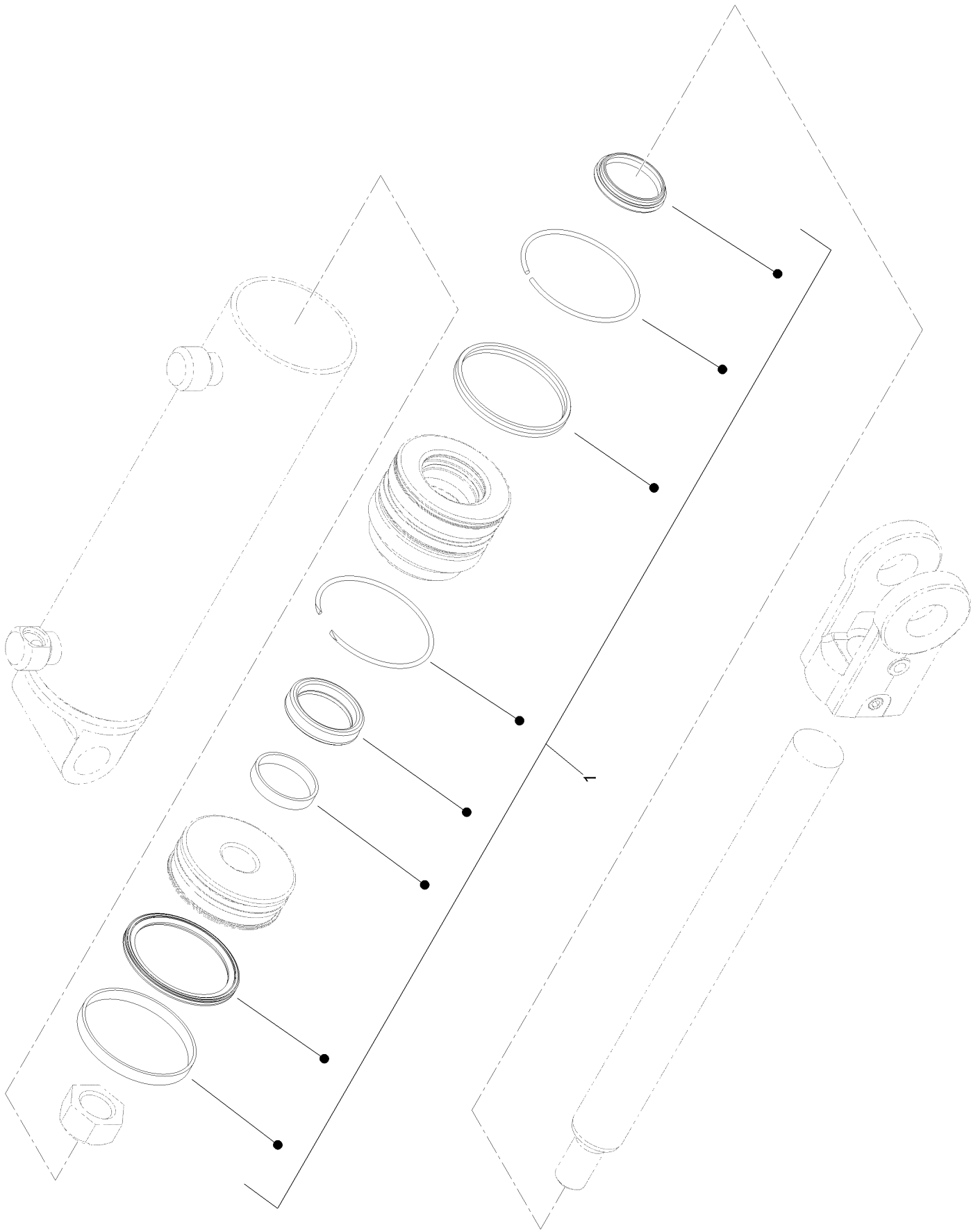


## Loader Arm Hydraulic Assembly (continued)

| <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           | 139-0778           | 1           | HYD CYL ASM          | 14:1        | 237-65             | 1           | O-Ring             |
| 2           | 139-0776           | 1           | LH HYD CYL ASM       | 14:2        | 100-6120           | 1           | Seal Kit ●         |
| 3           | 139-0777           | 1           | RH HYD CYL ASM       | 15          | 100-8816           | 1           | Cap-Dust, Coupler  |
| 4           | 340-2              | 6           | Fitting-Straight     | 16          | 100-8815           | 1           | Cap-Dust, Nipple   |
| 4:1         | 237-22             | 1           | O-Ring               | 17          | 340-74             | 2           | Nut-Lock, Bulkhead |
| 4:2         | 237-42             | 1           | O-Ring               | 18          | 98-0242            | 2           | Hose-HYD           |
| 5           | 340-154            | 2           | Union-Bulkhead       | 19          | 112-2563           | 1           | HYD Tube ASM       |
| 5:1         | 237-22             | 2           | O-Ring               | 19:1        | 237-30             | 1           | O-Ring             |
| 6           | 340-70             | 2           | Nut-Lock             | 20          | 108-6319           | 1           | HYD Tube ASM       |
| 7           | 106-9364           | 1           | HYD Tube ASM         | 20:1        | 237-30             | 1           | O-Ring             |
| 7:1         | 237-22             | 1           | O-Ring               | 21          | 106-9366           | 1           | Spacer-Hardline    |
| 8           | 106-9365           | 1           | HYD Tube ASM         | 22          | 98-0237            | 2           | Plate-Clamp, Tube  |
| 8:1         | 237-22             | 1           | O-Ring               | 23          | 112-2565           | 1           | Plate-Hardline     |
| 9           | 56-7973            | 2           | Clamp-Tube           | 24          | 98-0216            | 4           | Hose-HYD           |
| 10          | 3256-2             | 1           | Washer-Flat          | 25          | 100-6128           | 1           | Sleeve-Protective  |
| 11          | 3253-3             | 1           | Washer-Lock          | 26          | 3290-378           | 2           | Tie-Cable          |
| 12          | 94-2691            | 3           | Screw-HWH Taptite    | 27          | 98-0213            | 2           | Hose-HYD           |
| 13          | 105-8394           | 1           | Bulkhead Coupler ASM | 28          | 100-6127           | 1           | Sleeve-Protective  |
| 13:1        | 237-65             | 1           | O-Ring               | 29          | 98-0207            | 2           | Hose-HYD           |
| 14          | 105-8395           | 1           | Bulkhead Nipple ASM  |             |                    |             |                    |

● Not illustrated

# Hydraulic Cylinder Assembly No. 139-0778



## Hydraulic Cylinder Assembly No. 139-0778 (continued)

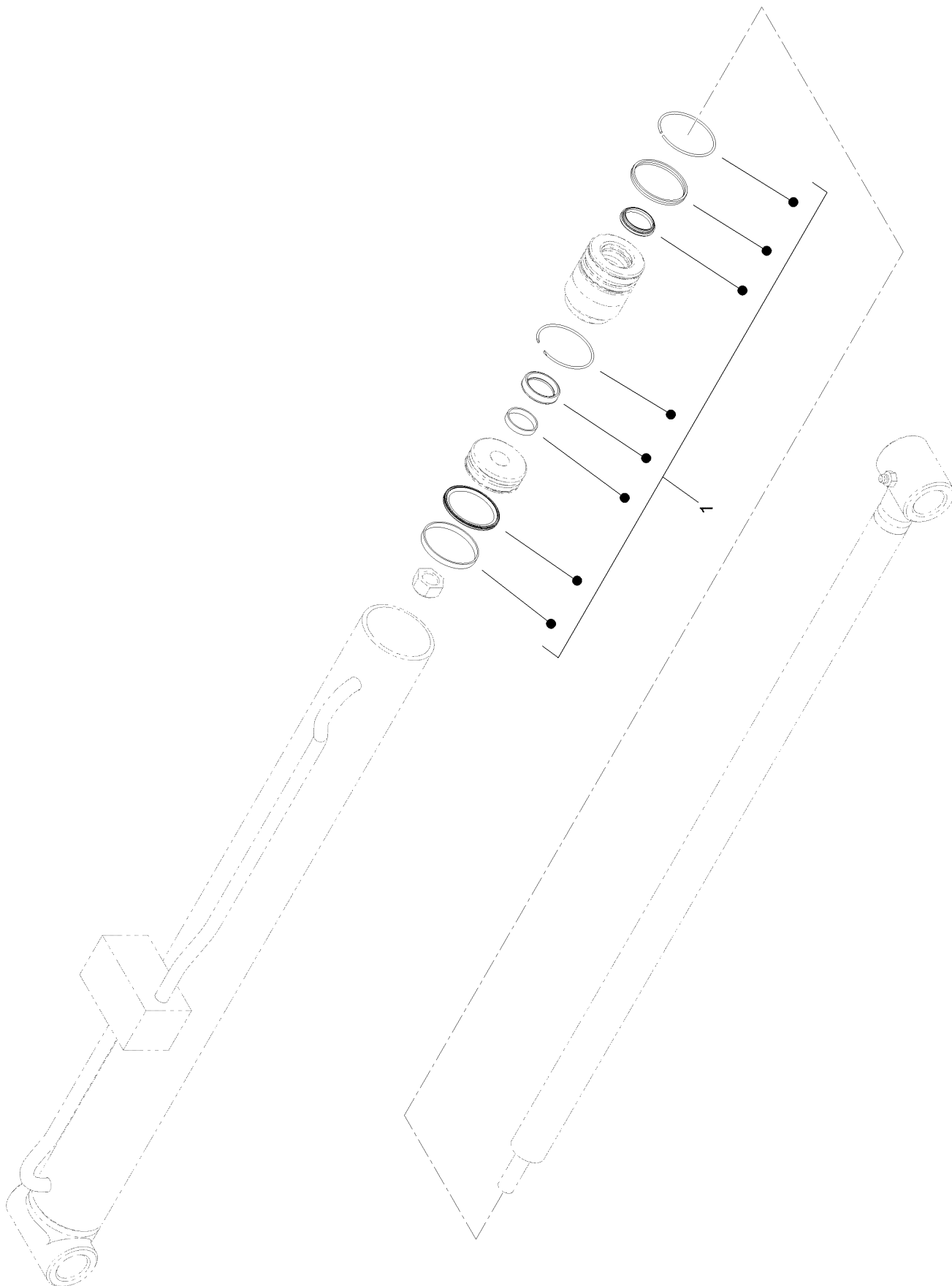
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 139-0808           | 1           | Seal Kit           |

# Hydraulic Cylinder Assembly No. 139-0776

## Hydraulic Cylinder Assembly No. 139-0776 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 139-0807           | 1           | Seal Kit           |

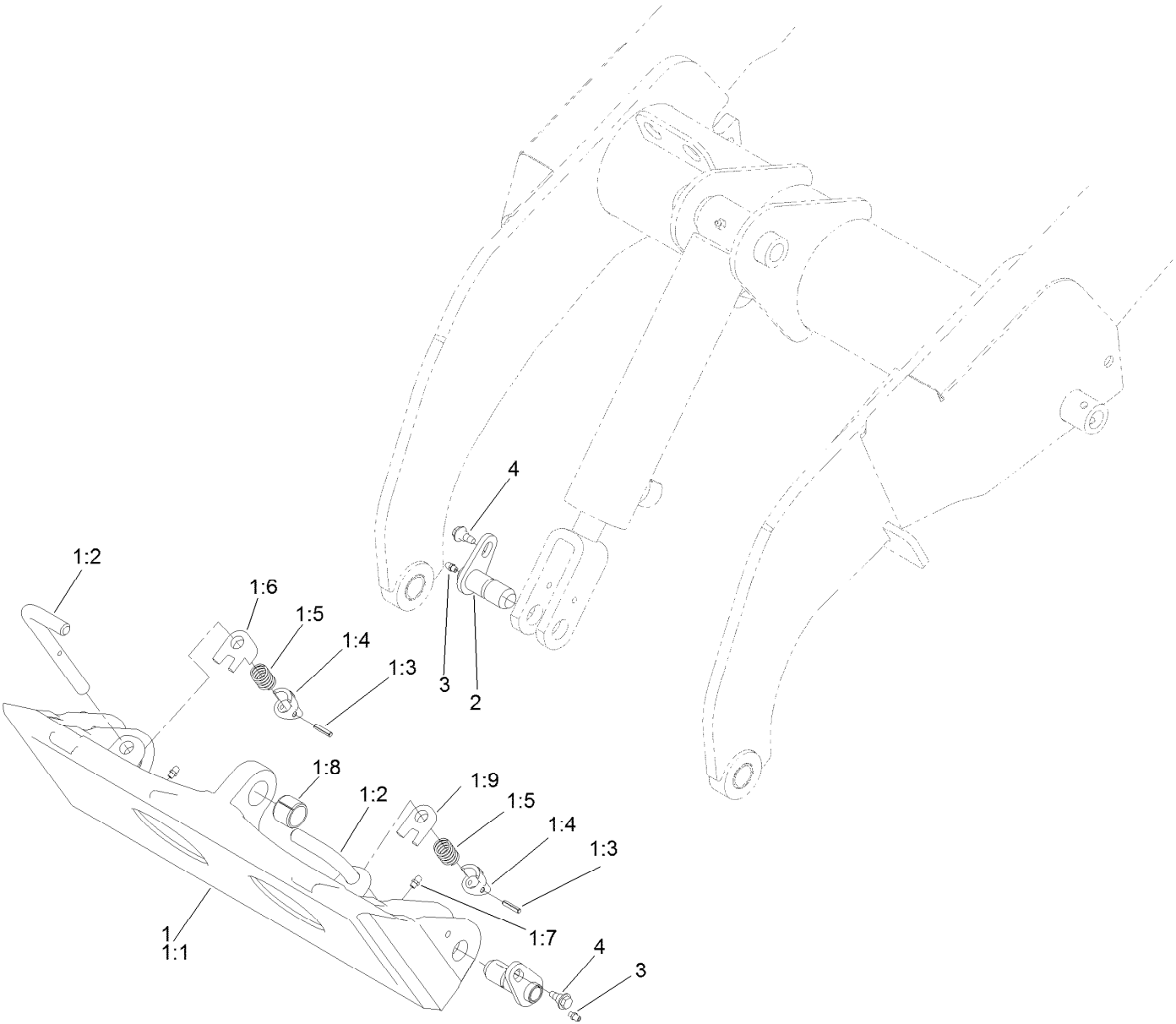
# Hydraulic Cylinder Assembly No. 139-0777



## Hydraulic Cylinder Assembly No. 139-0777 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 139-0807           | 1           | Seal Kit           |

# Quick Attach Assembly

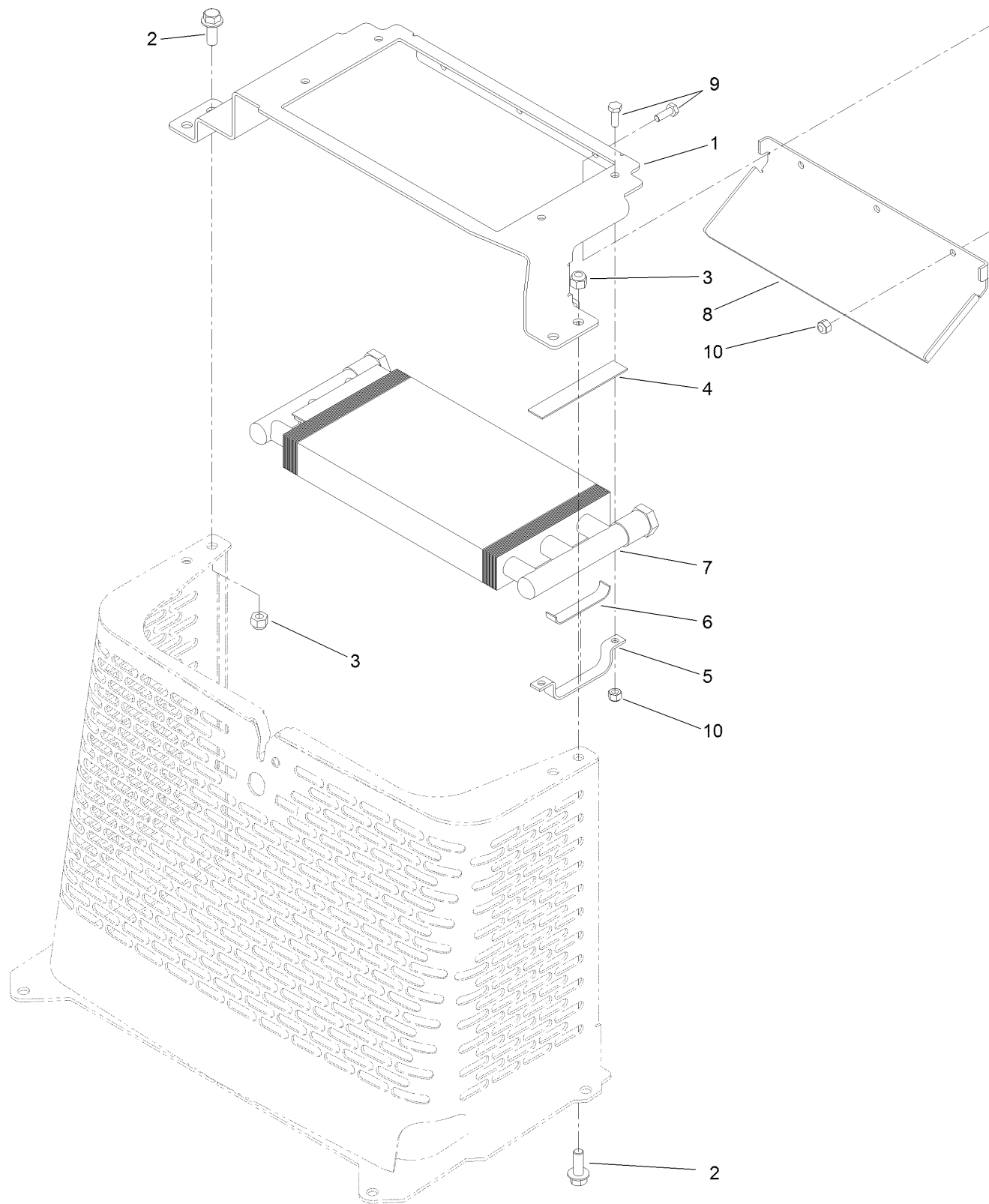


## Quick Attach Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1           | 132-8418           | 1           | Quick Attach ASM       |
| 1:1         | 130-7708-05        | 1           | Mount-Qtach, [blk-Txt] |
| 1:2         | 105-0246           | 2           | Cam                    |
| 1:3         | 98-4694            | 2           | Spring-Compression     |
| 1:4         | 104-5909           | 1           | Stop-RH                |
| 1:5         | 104-5903           | 1           | Stop-LH                |
| 1:6         | 132-8419           | 2           | Pin-Locking            |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1:7         | 3285-1             | 2           | Pin-Grooved        |
| 1:8         | 302-5              | 2           | Fitting-Grease     |
| 1:9         | 98-4871            | 1           | Bushing-Tension    |
| 2           | 130-5222           | 3           | Pin-Pivot          |
| 3           | 302-5              | 3           | Fitting-Grease     |
| 4           | 99-5105            | 3           | Screw-Shoulder     |

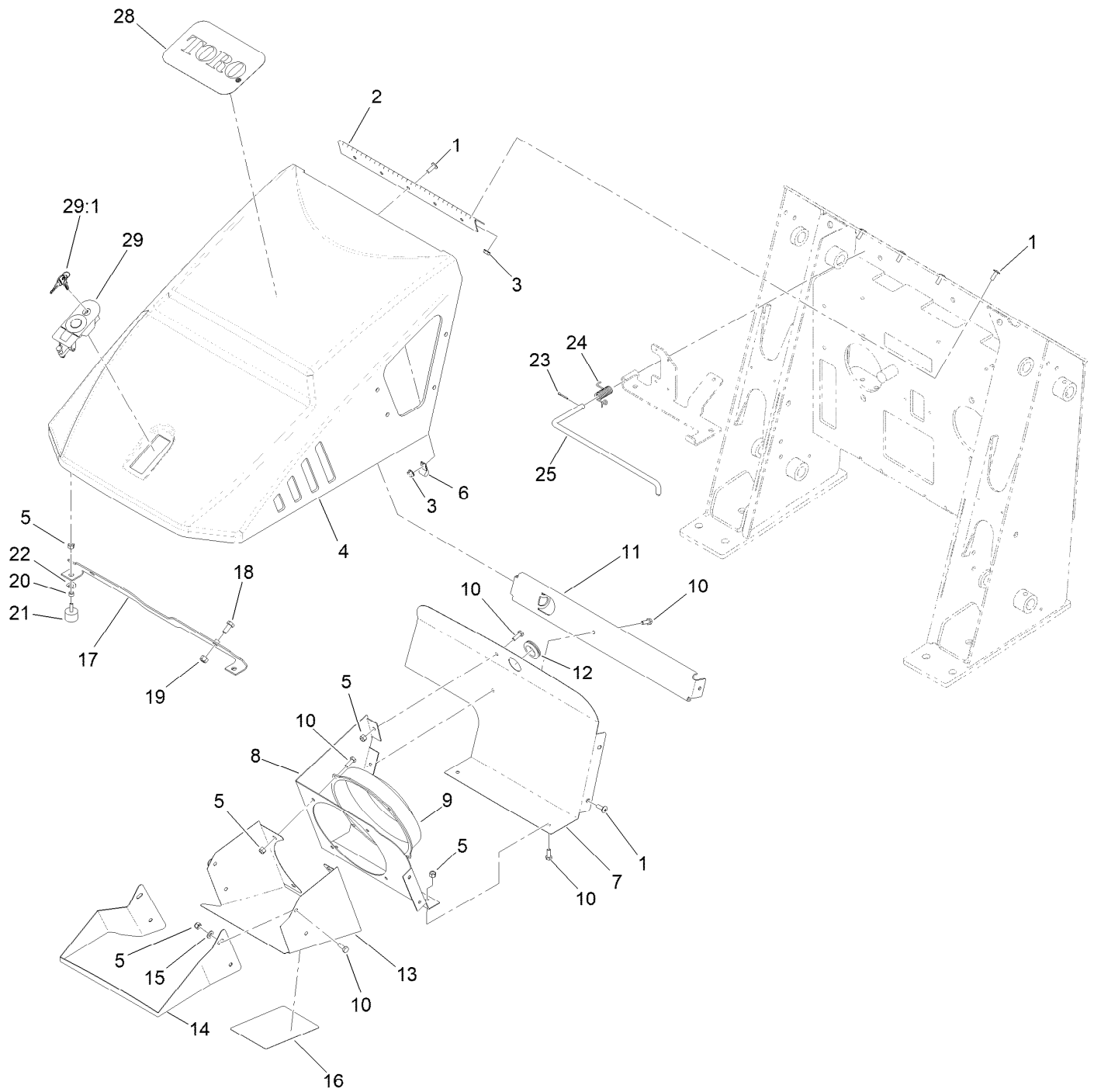
# Heat Exchanger Assembly



## Heat Exchanger 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           | 163-3265-03        | 1           | Bracket-Mounting, Cooler | 6           | 104-2816           | 2           | Pad-Support        |
| 2           | 3234-42            | 4           | Screw-HHF                | 7           | 105-0352           | 1           | Exchanger-Heat     |
| 3           | 3296-39            | 4           | Nut-Lock, NI             | 8           | 115-0798-03        | 1           | Deflector-Cooler   |
| 4           | 94-9566            | 2           | Pad-Footrest             | 9           | 321-4              | 7           | Screw-HH           |
| 5           | 104-2803           | 2           | Support-Cooler           | 10          | 3296-42            | 7           | Nut-Lock, NI       |

# Hood and Fan Assembly



## Hood and Fan 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           | 9114604            | 14          | Screw-Head, Truss      | 16          | 139-8837           | 1           | Decal-Service Tx427 Ne        |
| 2           | 100-1284           | 1           | Hinge-Hood             | 16          | 139-8842           | 1           | Decal-Service Tx427 PI        |
| 3           | 32128-33           | 6           | Nut-HF                 | 16          | 139-8847           | 1           | Decal-Service Tx427 Ru        |
| 4           | 163-3255           | 1           | Hood ASM               | 16          | 139-8852           | 1           | Decal-Service Tx427 Sk        |
| 5           | 3296-42            | 23          | Nut-Lock, NI           | 16          | 163-3283           | 1           | Decal-Service                 |
| 6           | 2412-91            | 2           | Clamp                  | 17          | 163-3266-03        | 1           | Bracket-Latch                 |
| 7           | 114-8715-03        | 1           | Bracket-Fan, Back      | 18          | 322-3              | 2           | Screw-HH                      |
| 8           | 114-8714-03        | 1           | Bracket-Fan, Back      | 19          | 3296-29            | 2           | Nut-Lock, NI                  |
| 9           | 104-2809           | 1           | Fan                    | 20          | 106-9308           | 2           | Spacer                        |
| 10          | 321-4              | 12          | Screw-HH               | 21          | 1-523420           | 2           | Bumper                        |
| 11          | 115-4849-03        | 1           | Bracket-Support, Hood  | 22          | 121-4605           | 2           | Washer-Spring                 |
| 12          | 240-5              | 1           | Grommet                | 23          | 3272-6             | 1           | Pin-Cotter                    |
| 13          | 161-9498-03        | 1           | Shroud-Fan             | 24          | 106-2584           | 1           | Spring-Torsion                |
| 14          | 161-9499-03        | 1           | Shroud-Fan, Front      | 25          | 106-2554           | 1           | Rod-Support, Hood             |
| 15          | 3256-22            | 2           | Washer-Flat            | 28          | 104-7213           | 1           | Decal                         |
| 16          | 139-8818           | 1           | Decal-Service Tx427 De | 29          | 144-4364           | 1           | Latch-Compression,<br>Locking |
| 16          | 139-8823           | 1           | Decal-Service Tx427 ES | 29:1        | 145-4488           | 1           | Keys-Latch                    |
| 16          | 139-8827           | 1           | Decal-Service Tx427 Fr |             |                    |             |                               |
| 16          | 139-8832           | 1           | Decal-Service Tx427 It |             |                    |             |                               |

# Attachments and Accessories

## For 22371 TX 450 Compact Tool Carrier

| Product Name                            | Model/Part |
|-----------------------------------------|------------|
| Track Kit.....                          | 104-6106   |
| Road Wheel Kit.....                     | 106-7620   |
| Reference Guide Kit .....               | 107-9310   |
| Track-Aggressive Tread.....             | 108-5640   |
| PX Hydraulic Fluid (5 Gal) .....        | 133-8086   |
| PX Hydraulic Fluid (55 Gal).....        | 133-8087   |
| 50 Hour Filter Kit.....                 | 136-4774   |
| 200 Hour Filter Kit.....                | 136-4775   |
| Oil-30/10W-30 Synthetic (Quart).....    | 138-6053   |
| PX Hydraulic Fluid-4 Pack (Gallon)..... | 138-9460   |
| Screen-Spark Arrestor.....              | 142-7683   |
| Light Kit ASM.....                      | 144-7101   |
| Decal Kit - HERC .....                  | 145-6941   |
| Spot 2 GPS Kit.....                     | 161-6885   |
| High Volume Bucket .....                | 22342      |
| 4 Cubic Foot Standard Bucket .....      | 22409      |
| Loose Materials Bucket .....            | 22410      |
| 48in Hydraulic Blade.....               | 22414      |
| Bore Drive Head .....                   | 22420      |
| Rod and Reamer .....                    | 22421      |
| Stump Grinder .....                     | 22429      |
| Tree Forks .....                        | 22438      |
| Cement Bowl .....                       | 22442      |
| 40in Tiller .....                       | 22445      |
| Crumber Kit .....                       | 22464      |
| Trench Filler.....                      | 22472      |
| High-Torque Trencher Head .....         | 22473      |
| High-Speed Trencher Head .....          | 22474      |
| 4-in-1 Bucket .....                     | 22478      |
| Narrow Bucket.....                      | 22520      |
| Grapple Rake .....                      | 22577      |
| Adjustable Forks.....                   | 22586      |
| Grapple Bucket.....                     | 22590      |
| Multi-Purpose Tool.....                 | 22672      |
| Floor Scraper.....                      | 22673      |
| Auger Head .....                        | 22805      |
| Universal Swivel Auger Head .....       | 22806      |
| 18in Auger Bit.....                     | 22814      |
| 24in Auger Bit.....                     | 22815      |
| 30in Auger Bit.....                     | 22816      |
| 12in Auger Bit Extension .....          | 22818      |
| 24in Auger Bit Extension .....          | 22819      |
| 6in Full-Flight Auger Bit .....         | 22820      |
| 9in Full-Flight Auger Bit .....         | 22821      |
| 12in Full-Flight Auger Bit.....         | 22822      |
| 15in Full-Flight Auger Bit.....         | 22823      |

Attachments and Accessories (continued)

Vibratory Plow .....22911

Soil Cultivator ..... 23102

Hydraulic Breaker ..... 23136

Leveler..... 23165

30in Standard Bucket ..... 23174

30in Pallet Fork..... 23175

30in Grapple ..... 23176

Power Box Rake ..... 23702

10W30 4-Cycle Engine Oil (32oz Bottle)..... 38280

**Notes:**

**Notes:**



**Count on it.**