



**Count on it.**

# Parts Catalog

## **P85 Vibratory Plow RT600 Traction Unit**

**Model No. 25401—Serial No. 313000001 and Up**

**Model No. 25401E—Serial No. 313000001 and Up**



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

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

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

# List of Abbreviations

**AR:** as required

**ASM:** assembly

**BBC:** blade brake control

**BHTF:** button head thread forming

**CARR:** carriage

**CCW:** counter clockwise

**CW:** clockwise

**DEG:** degrees

**DPA:** Dual Point Adjustment

**ECM:** electronic control module

**EXT:** external

**FH:** flat head

**GA:** gauge

**HD:** heavy-duty

**HF:** hex flange

**HH:** hex head

**HHF:** hex head flange

**HHFTF:** hex head flange thread forming

**HJ:** hex jam

**HLH:** hex lag head

**HOC:** height-of-cut

**HP:** high pressure

**HSBH:** hex socket button head

**HSFH:** hex socket flat head

**HSH:** hex socket head

**HWH:** hex washer head

**HWHTF:** hex washer head thread forming

**HYD:** hydraulic

**LH:** left hand

**LP:** low pressure

**LPG:** Liquefied Petroleum Gas

**NI:** nylon insert

**NPTF:** national pipe thread fine

**PFH:** phillips flat head

**PPH:** phillips pan head

**PPHTF:** phillips pan head thread forming

**PRH:** phillips round head

**PTH:** phillips truss head

**PTO:** power-take-off

**RH:** right hand

**ROPS:** roll-over protection system

**RRB:** rear roller brush

**SFH:** slotted fillister head

**SHH:** slotted hex head

**SHWH:** slotted hex washer head

**SPH:** slotted pan head

**SQH:** square head

**SRH:** slotted round head

**STD:** standard

**TAP:** self tapping

**TTH:** torx truss head

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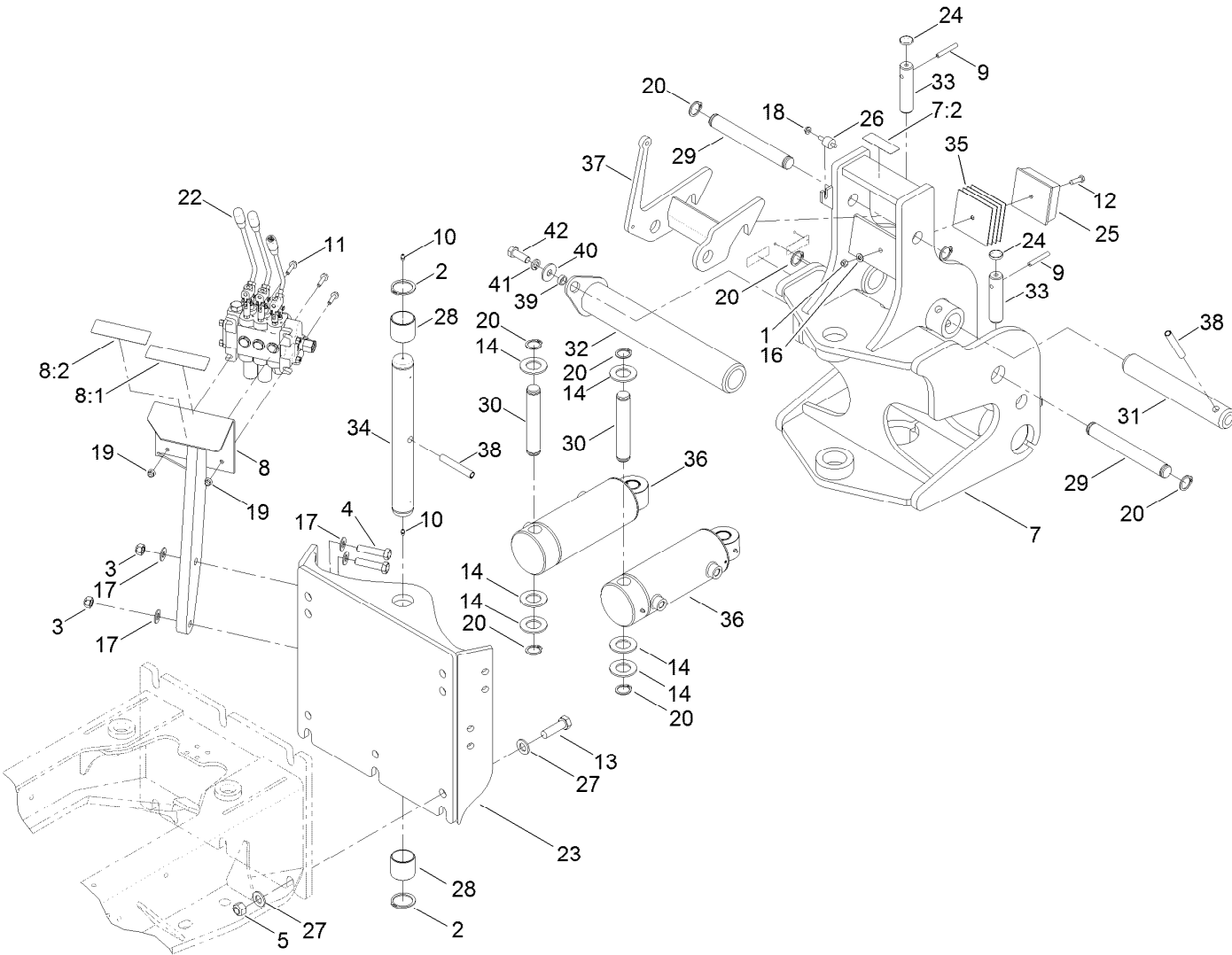
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# Plow Mount Assembly

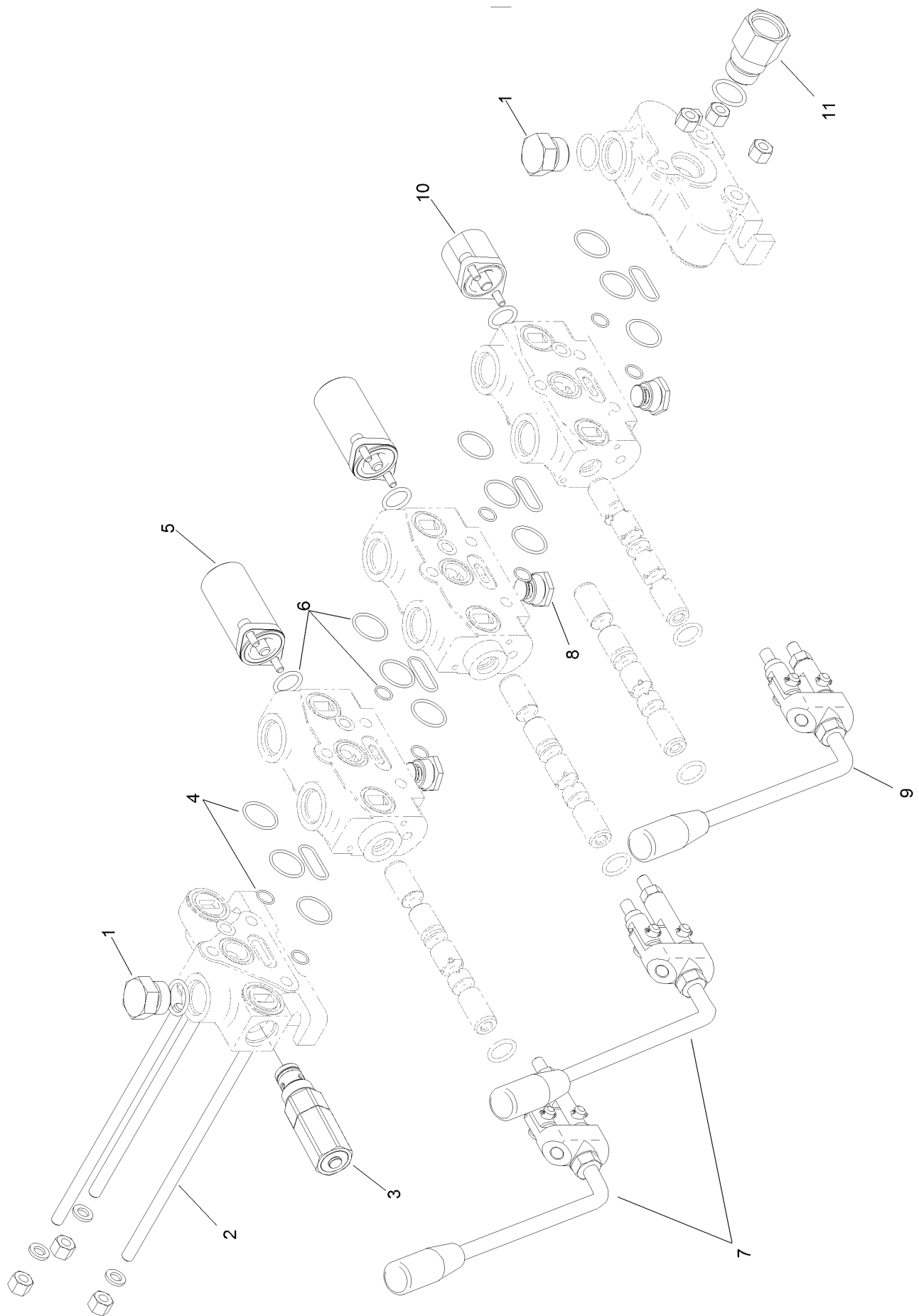


## Plow Mount Assembly (continued)

| <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           | 97-1204            | 1           | Nut-Hex                             | 20          | 32151-77           | 8           | Ring-Retaining, External   |
| 2           | AU103-16200        | 2           | Ring-Retaining, External            | 22          | AU106520           | 1           | Valve-3-Bank Control, Plow |
| 3           | 105-0369           | 2           | Nut-Crownlock                       | 23          | AU112759A1-03      | 1           | Mount-Plow                 |
| 4           | 110-4614           | 2           | Screw-HH                            | 24          | AU41-1020          | 2           | Plug-Freezer               |
| 5           | 120-7252           | 5           | Nut-Lock                            | 25          | AUD90990           | 1           | Bumper                     |
| 6           | 127-1083           | 1           | Plate-Model/Serial (25401)<br>●     | 26          | AUH359216          | 1           | Mount-Radiator             |
| 7           | 131-2822           | 1           | Frame-Swing W/Decal                 | 27          | AUH426817          | 10          | Washer-Flat                |
| 7:2         | 125-6671           | 1           | Decal-Danger, Underground<br>Hazard | 28          | AUH433644          | 2           | Bearing-Pivot              |
| 8           | 127-1090           | 1           | Pedestal-Plow Valve<br>W/Decal      | 29          | AUH434493          | 2           | Pin-Plow                   |
| 8:1         | 125-8489           | 1           | Decal-Plow Control                  | 30          | AUH434801          | 2           | Pin                        |
| 8:2         | 125-8490           | 1           | Decal-Plow Float                    | 31          | AUH436862          | 1           | Pin-Plow Arm, Upper        |
| 9           | AU138-2068         | 2           | Pin-Roll                            | 32          | AU123308           | 1           | Pin-Flagged                |
| 10          | 302-57             | 2           | Fitting-Grease                      | 33          | AUH436865          | 2           | Pin-Rod                    |
| 11          | 33104-035          | 3           | Screw-HHF                           | 34          | AUH436866          | 1           | Pin-Plow Swing             |
| 12          | 323-44             | 1           | Screw-HH                            | 35          | AUH438536          | 4           | Shim-Bumper                |
| 13          | AU426-1240         | 5           | Bolt                                | 36          | AU126558           | 2           | HYD Cylinder ASM           |
| 14          | AU495-81209        | 6           | Washer-Flat                         | 37          | AUH673804-03       | 1           | Latch-Transport            |
| 16          | 3256-24            | 1           | Washer-Flat                         | 38          | AU38-34064         | 2           | Pin-Spiral                 |
| 17          | 3256-27            | 4           | Washer-Flat                         | 39          | AU113437           | 1           | Spacer-Pin Flag            |
| 18          | 32128-20           | 1           | Nut-HF                              | 40          | AU495-81259        | 1           | Washer-Flat                |
| 19          | 104-3082           | 3           | Nut-Lock, HHF                       | 41          | 3253-23            | 1           | Washer-Lock/Sp             |
|             |                    |             |                                     | 42          | AU426-1028         | 1           | Screw-HH                   |

● Not illustrated

# Control Valve Assembly No. AU106520

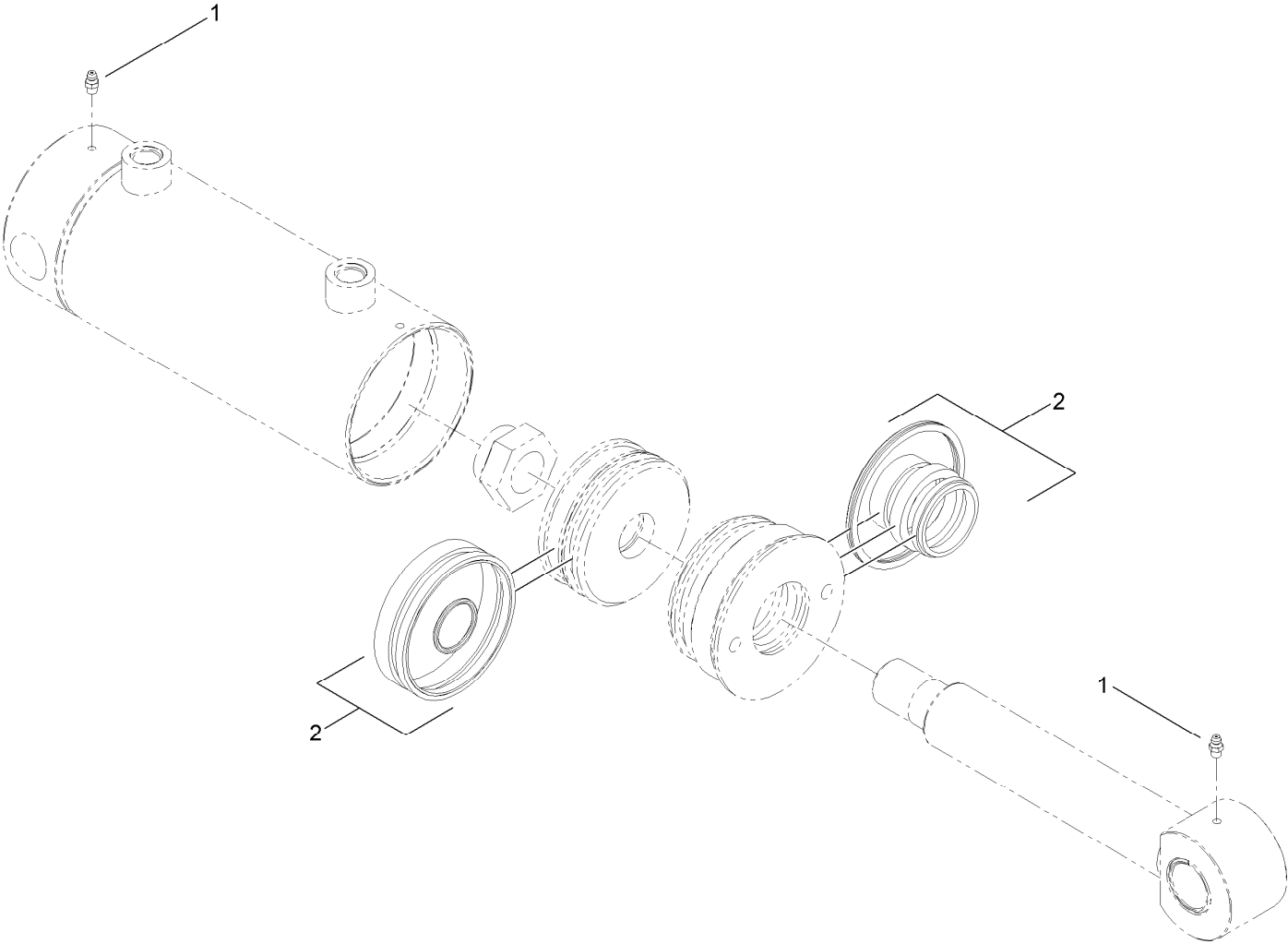


## Control Valve Assembly No. AU106520 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------|
| 1           | AU117535           | 2           | Plug-Control Valve        |
| 2           | AU117536           | 1           | Valve Tie Rod Kit         |
| 3           | AU128747           | 1           | Valve-Relief              |
| 4           | AU117538           | 1           | Plow Intel Cover Seal Kit |
| 5           | AU117539           | 2           | Spring-Float              |
| 6           | AU117540           | 1           | Seal Kit                  |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 7           | AU117541           | 2           | Support W/Lever     |
| 8           | AU117542           | 3           | Valve-Load Check    |
| 9           | AU117543           | 1           | Lever               |
| 10          | AU117544           | 1           | Spring-Center       |
| 11          | AU117546           | 1           | Sleeve-Power Beyond |

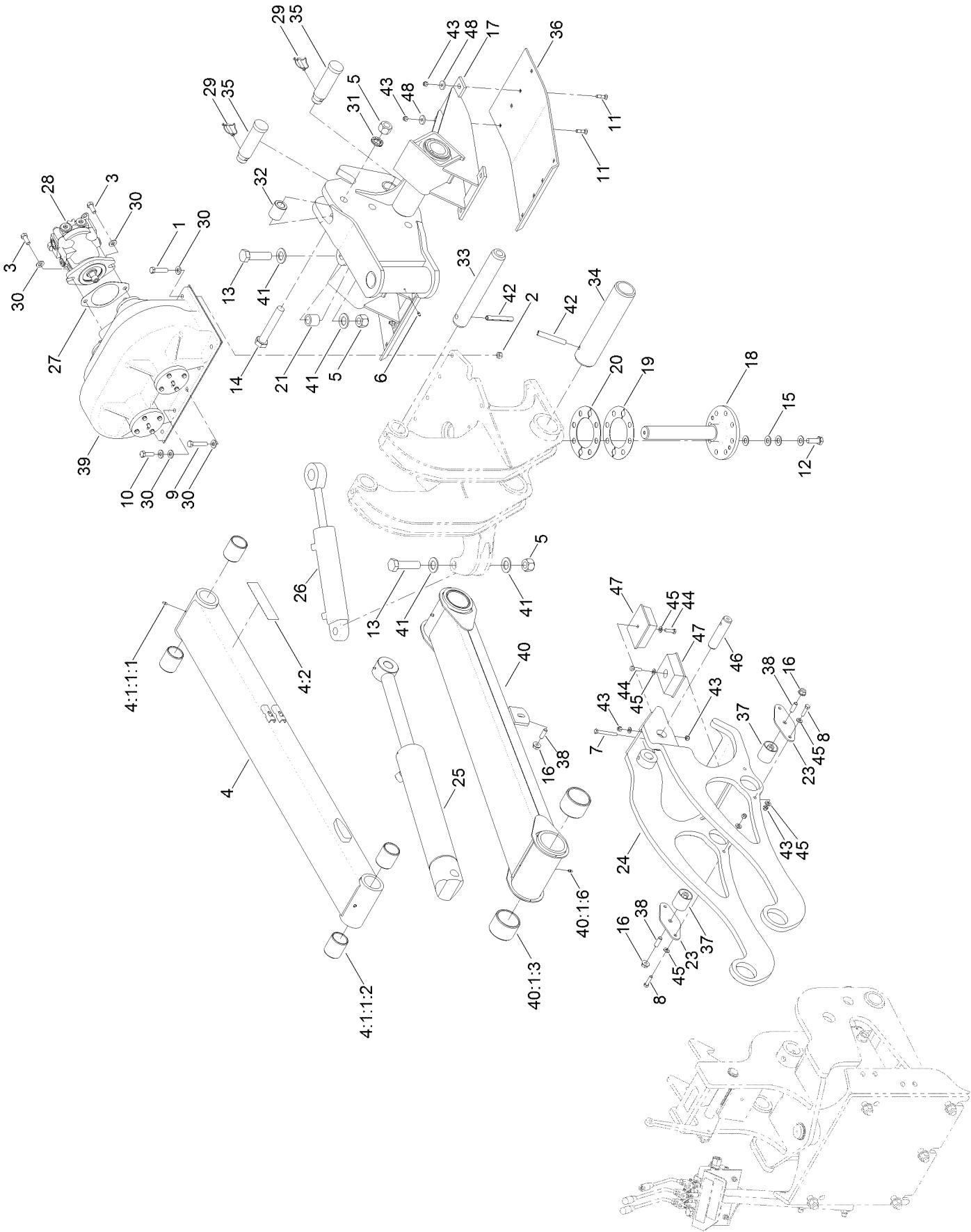
# Hydraulic Cylinder Assembly No. AU126558



## Hydraulic Cylinder Assembly No. AU126558 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 302-2              | 2           | Fitting-Grease     |
| 2           | 131-2749           | 1           | Seal Kit           |

## Plow Lift Assembly



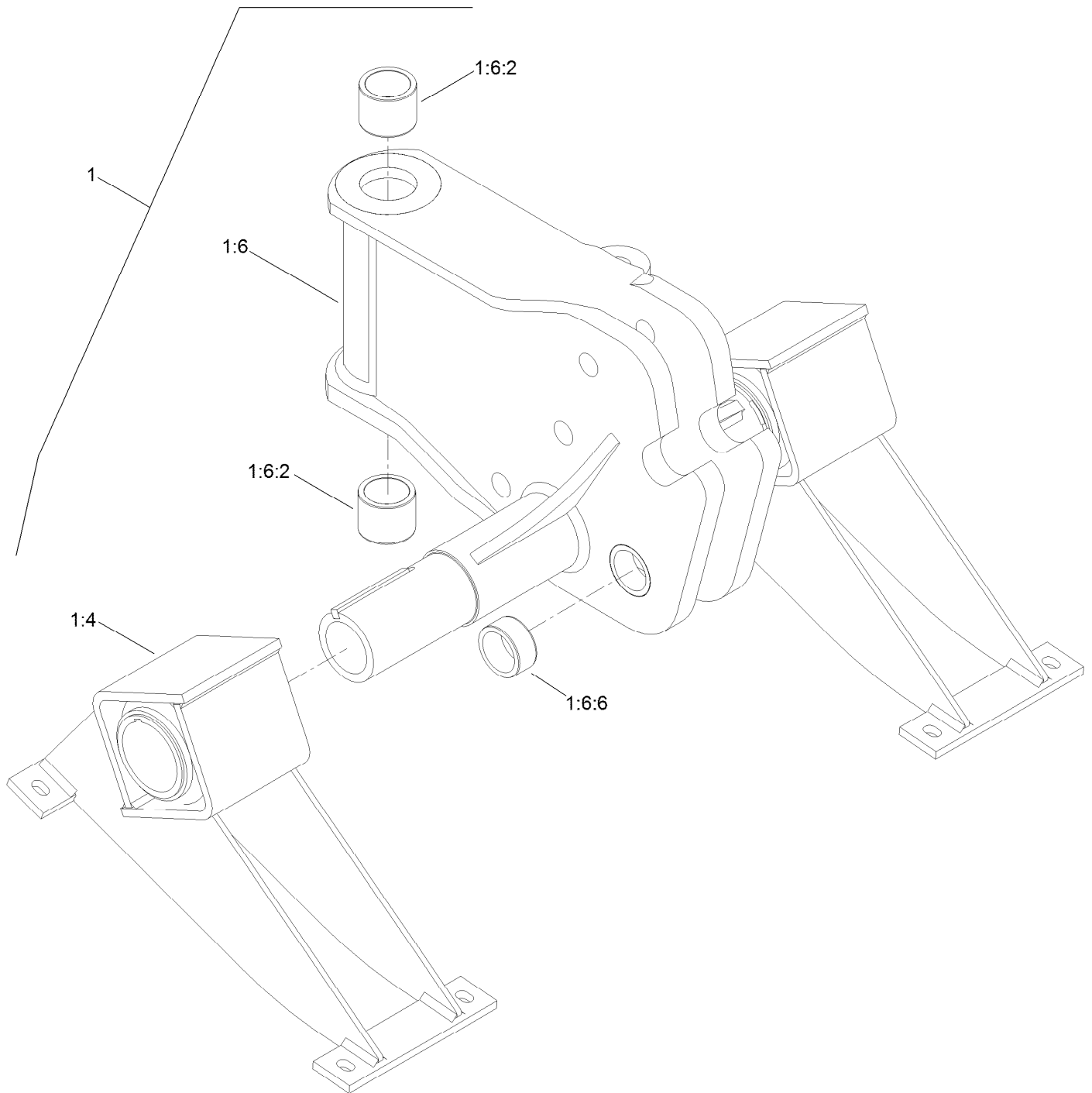
## Plow Lift Assembly (continued)

| <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           | 60-9870            | 7           | Screw-HH                   | 24          | AU116328A1-03      | 1           | Cradle-Plow Lift         |
| 2           | 97-1206            | 8           | Locknut                    | 25          | AU121737           | 1           | Cylinder-Plow Lift       |
| 3           | 325-5              | 2           | Screw-HH                   | 26          | AU123872           | 1           | Cylinder-Blade           |
| 4           | 131-2823           | 1           | Arm-Plow, Upper W/Decals   | 27          | AU144169C2         | 1           | Gasket-HYD Pump          |
| 4:1         |                    | 1           | Arm-Plow, Upper ■●         | 28          | AU87430035         | 1           | HYD Motor ASM            |
| 4:1:1       |                    | 1           | Arm-Plow ■●                | 29          | AUD130037          | 2           | Pin-Klik                 |
| 4:1:1:1     | 302-57             | 2           | Fitting-Grease             | 30          | AUH274894          | 14          | Washer                   |
| 4:1:1:2     | AU248445A1         | 4           | Bushing-Arm, Plow          | 31          | AUH435357          | 3           | Washer-Lock              |
| 4:2         | 125-6684           | 2           | Decal-Danger, Plow         | 32          | AUH435475          | 3           | Tube-Spacer, Sod Cutter  |
| 5           | AU232-41116        | 5           | Nut-Hex                    | 33          | AUH436862          | 1           | Pin-Plow Arm, Upper      |
| 6           | 302-57             | 1           | Fitting-Grease             | 34          | AUH436864          | 1           | Pin-Plow Arm, Lower Rear |
| 7           | 323-14             | 1           | Screw-HH                   | 35          | AU123180           | 2           | Pin-Mounting, Blade      |
| 8           | 323-43             | 4           | Screw-HH                   | 36          | AUH437946-03       | 2           | Plate-Shoe Wear          |
| 9           | AU426-840          | 1           | Screw-HH                   | 37          | AUH438533          | 2           | Mount-Isolator           |
| 10          | 115-8487           | 2           | Screw-HH                   | 38          | AUH438537          | 4           | Stud                     |
| 11          | AU419-2624         | 8           | Screw-Plow                 | 39          | AUH563619-03       | 1           | Box-Shaker               |
| 12          | AU426-1028         | 8           | Screw-HH                   | 40          | AUH673809-03       | 1           | Arm-Plow, Lower          |
| 13          | AU426-1660         | 2           | Bolt-HH                    | 40:1        |                    | 1           | Arm-Plow, Lower ■●       |
| 14          | AU426-1696         | 3           | Bolt-HH                    | 40:1:3      | AUH434903          | 4           | Bushing                  |
| 15          | AU495-11066        | 16          | Washer-Flat                | 40:1:6      | 302-57             | 2           | Fitting-Grease           |
| 16          | 32128-49           | 4           | Nut-HHF                    | 41          | AUH426833          | 4           | Washer                   |
| 17          | AU105966A1-03      | 1           | Mount-Blade                | 42          | AU38-34064         | 2           | Pin-Spiral               |
| 18          | AU104797A2         | 1           | Axle-Pivot, Blade Mounting | 43          | 97-1204            | 15          | Nut-Hex                  |
| 19          | AU104799A2         | 2           | Shim-Plow Pivot            | 44          | 323-44             | 2           | Screw-HH                 |
| 20          | AU105866A2         | 2           | Shim-Plow Pivot (Thick)    | 45          | 3256-24            | 12          | Washer-Flat              |
| 21          | AU114879A1         | 1           | Tube-Rod End Spacer        | 46          | AUH436865          | 1           | Pin-Rod                  |
| 22          | 131-2821-03        | 1           | Frame-Shaker ●             | 47          | AUD90990           | 2           | Bumper                   |
| 23          | AU116158A1-03      | 2           | Plate-Isolator Mounting    | 48          | 608834             | 8           | Washer                   |

● Not illustrated

■ Not serviced separately

# Blade Mount Assembly

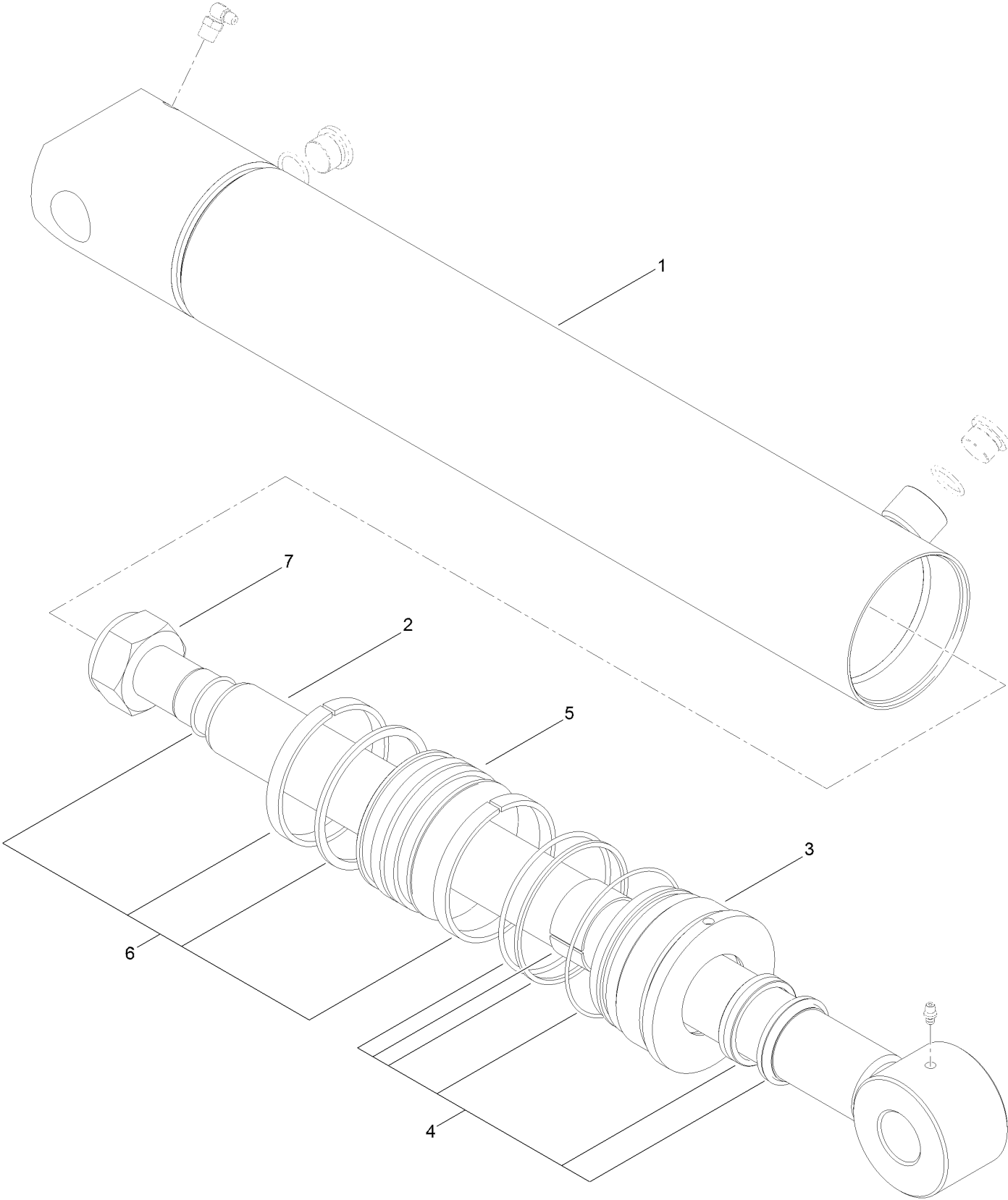


## Blade Mount Assembly (continued)

| <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           |                    | 1           | Mount-Blade ●                   | 1:6:2       | AU105870A1         | 2           | Bushing            |
| 1:4         |                    | 2           | Plow Shoe ASM ●                 | 1:6:6       | AUH437099          | 2           | Bushing            |
| 1:6         |                    | 1           | Holder-Blade Mounting, Sub<br>● |             |                    |             |                    |

● Not serviced separately

Hydraulic Cylinder Assembly No. AU121737

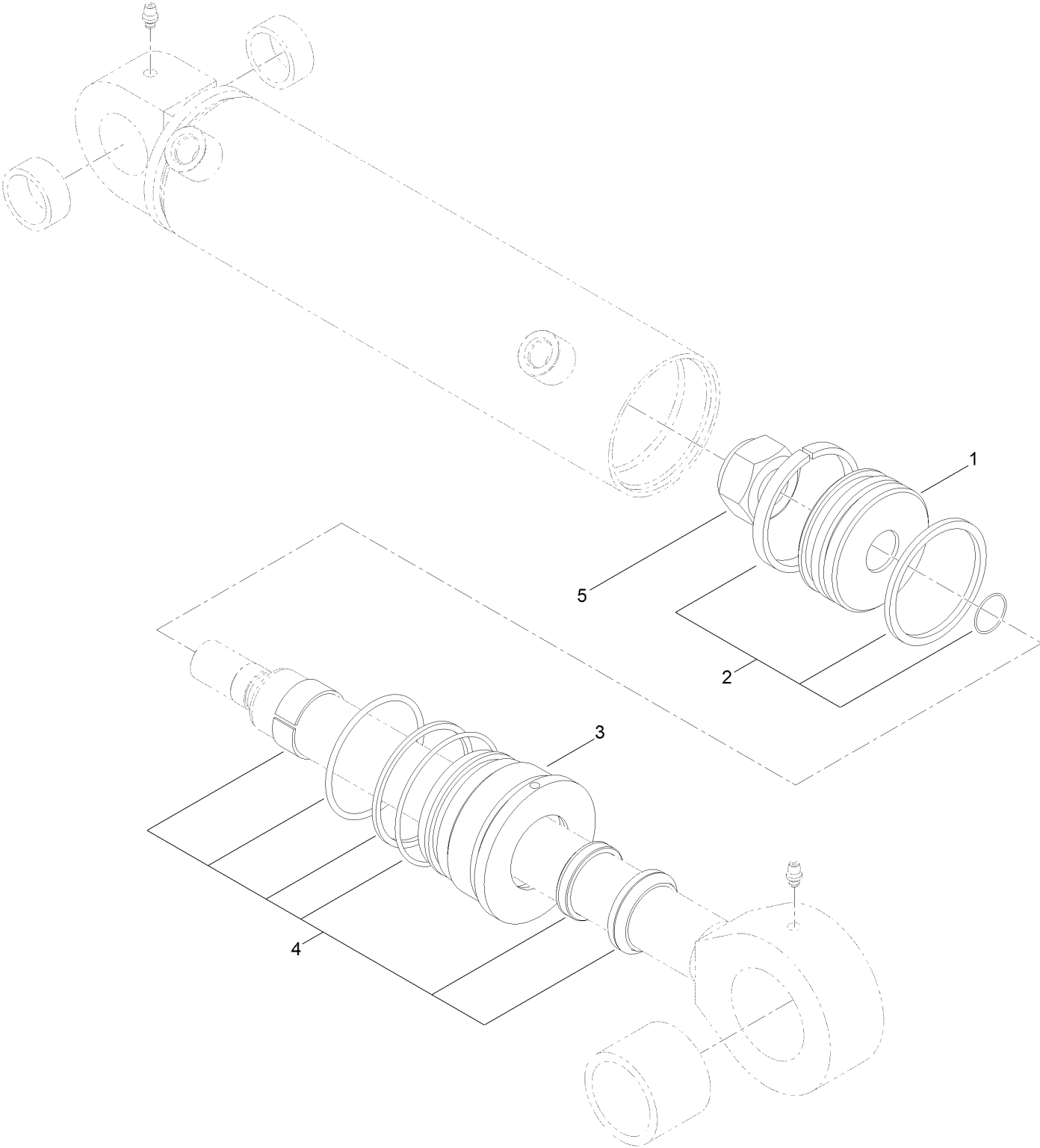


## Hydraulic Cylinder Assembly No. AU121737 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 1           | AU121883           | 1           | Tube-Cylinder           |
| 2           | AU121884           | 1           | Rod-Cylinder            |
| 3           | AU121885           | 1           | Gland-Cylinder          |
| 4           | AU121886           | 1           | Cylinder Gland Seal Kit |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 5           | AU121887           | 1           | Piston-Cylinder          |
| 6           | AU121888           | 1           | Cylinder Piston Seal Kit |
| 7           | AU121889           | 1           | Nut-Piston, Cylinder     |

Hydraulic Cylinder Assembly No. AU123872

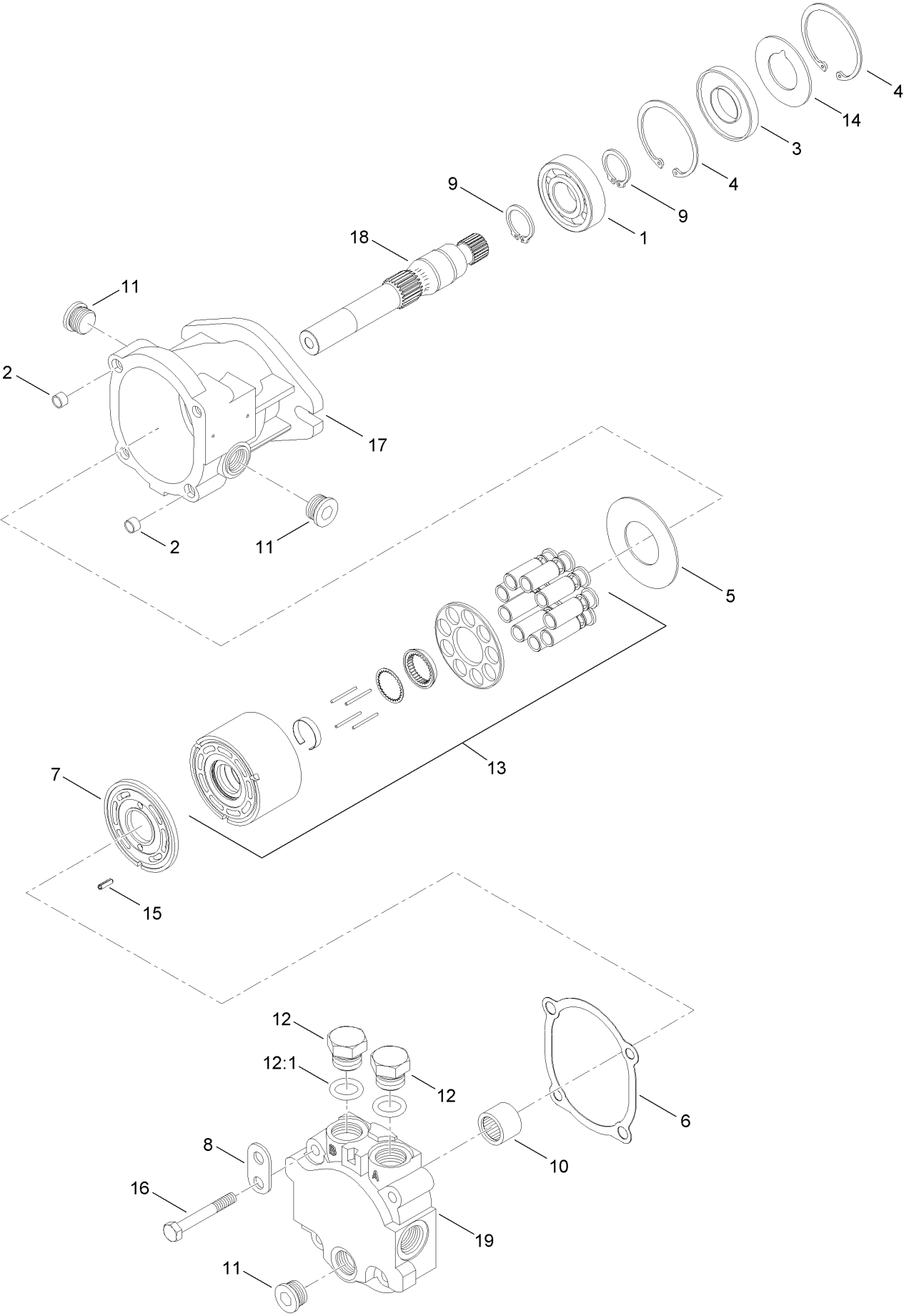


## Hydraulic Cylinder Assembly No. AU123872 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | AU124045           | 1           | Gland              |
| 2           | AU124046           | 1           | Gland Seal Kit     |
| 3           | AU124047           | 1           | Piston             |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | AU124048           | 1           | Piston Seal Kit    |
| 5           | AU124049           | 1           | Nut                |

# Hydraulic Motor Assembly No. AU87430035

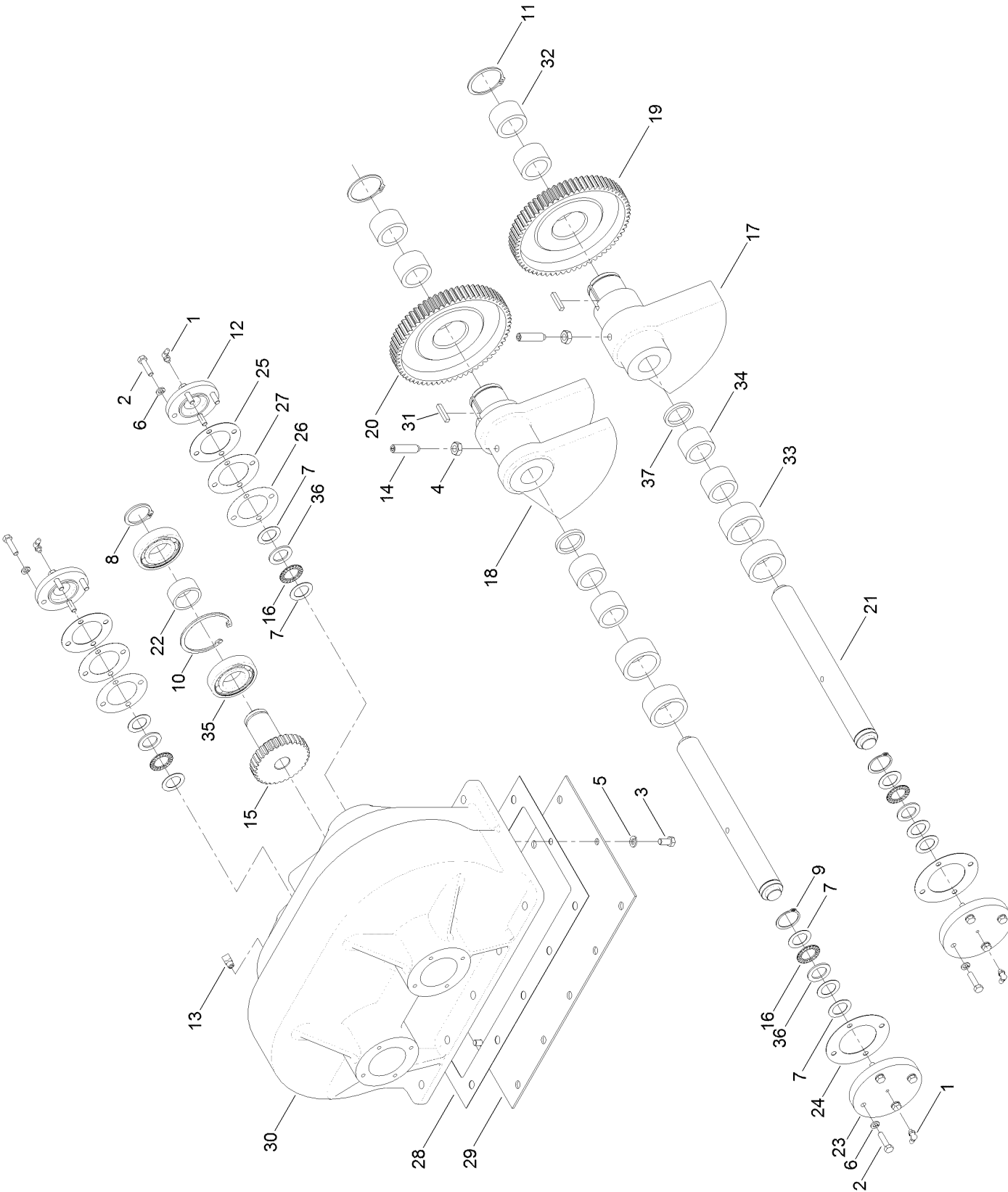


# Hydraulic Motor Assembly No. AU87430035 (continued)

| <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           | AUA29183           | 1           | Bearing            | 11          | 92-5717            | 3           | Plug-Pipe          |
| 2           | AUN13994           | 2           | Pin-Spring         | 12          | 69-3130            | 2           | Plug               |
| 3           | 127-6214           | 1           | Seal-Lip           | 12:1        |                    | 1           | O-Ring ●           |
| 4           | 69-3200            | 2           | Ring-Retaining     | 13          | AU234383A1         | 1           | Cylinder Block Kit |
| 5           | AU100700A1         | 1           | Plate-Thrust       | 14          | 95-4400            | 1           | Washer-Backup      |
| 6           | AU100701A1         | 1           | Gasket-End Cap     | 15          | 131-3800           | 1           | Pin-Slotted        |
| 7           | AU100702A1         | 1           | Plate-Valve        | 16          | 127-6213           | 4           | Screw-HH           |
| 8           | AU100703A1         | 1           | Bracket-Lifting    | 17          |                    | 1           | Housing ●          |
| 9           | 69-3170            | 2           | Ring-Retaining     | 18          | AU87431908         | 1           | Shaft              |
| 10          | AU132391A1         | 1           | Bearing-Needle     | 19          | AU87431909         | 1           | Cap-End            |

● Not serviced separately

# Shaker Box Assembly No. AUH563619-03

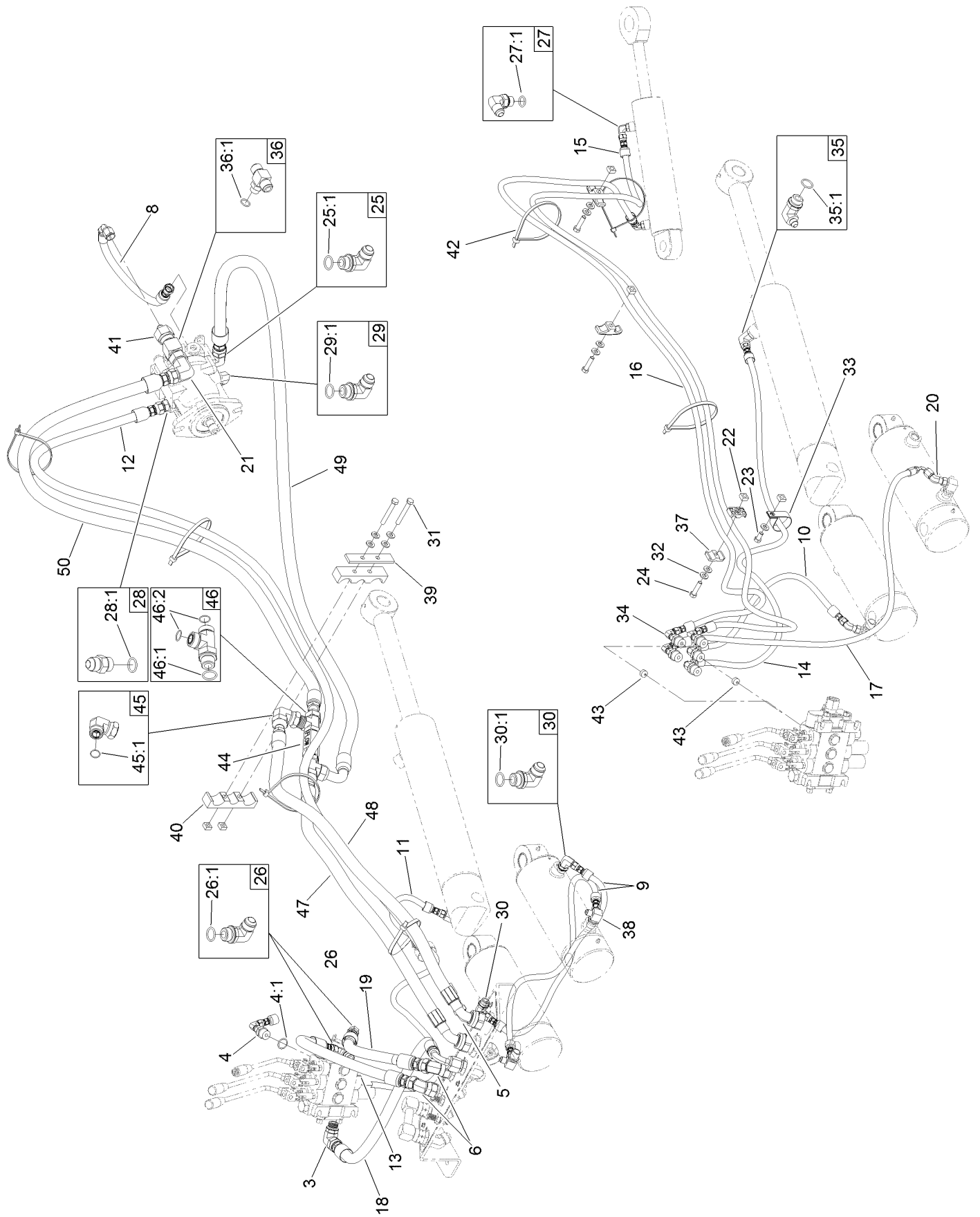


## Shaker Box Assembly No. AUH563619-03 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 1           | 302-40             | 4           | Fitting-Grease, 90 DEG   |
| 2           | 322-47             | 16          | Screw-HH                 |
| 3           | 323-4              | 2           | Screw-HH                 |
| 4           | 3218-5             | 2           | Nut-Jam                  |
| 5           | 3253-21            | 2           | Washer-Lock              |
| 6           | 3253-4             | 16          | Washer-Lock              |
| 7           | 9547               | 10          | Washer-Thrust            |
| 8           | 32151-102          | 1           | Ring-Retaining, External |
| 9           | 32151-35           | 2           | Ring-Retaining, External |
| 10          | 32151-76           | 1           | Ring-Retaining, Internal |
| 11          | AU103-11225        | 2           | Ring-Retaining           |
| 12          | AU135587A1         | 2           | Cap-Bearing              |
| 13          | AU222-762          | 1           | Fitting-Elbow, 90        |
| 14          | AU83-65032         | 2           | Screw-Set, HSH           |
| 15          | AU86993944         | 1           | Gear-Drive, Plow         |
| 16          | AUG13609           | 4           | Bearing                  |
| 17          | AUH189506          | 1           | Weight-Counter           |
| 18          | AUH189514          | 1           | Weight-Counter           |
| 19          | AUH189746          | 1           | Gear                     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 20          | AUH189753          | 1           | Gear               |
| 21          | AUH189761          | 2           | Shaft-Bearing      |
| 22          | AUH189795          | 1           | Spacer             |
| 23          | AUH189811          | 2           | Cap-Bearing        |
| 24          | AUH189852          | 2           | Gasket             |
| 25          | AUH189860          | 2           | Gasket             |
| 26          | AUH189878          | 2           | Gasket-Shim        |
| 27          | AUH189886          | 2           | Gasket-Shim        |
| 28          | AUH189910          | 1           | Gasket-Gearcase    |
| 29          | AUH202176          | 1           | Plate-Cover        |
| 30          | AUH205559          | 1           | Housing-Gearbox    |
| 31          | AUH380030          | 2           | Key-Square         |
| 32          | AUH753145          | 4           | Bearing            |
| 33          | AUH753152          | 4           | Bearing            |
| 34          | AUH753160          | 4           | Bearing            |
| 35          | AUH753194          | 2           | Bearing            |
| 36          | AUT38017           | 4           | Washer-Thrust      |
| 37          | AUH189803          | 2           | Spacer             |

# Hydraulic Assembly



## 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>     |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|------------------------|
| 2           | 94-7146            | 1           | Adapter ●             | 28:1        | 237-80             | 1           | O-Ring                 |
| 3           | 95-0581            | 1           | Fitting-Elbow, 90 DEG | 29          | 353-426            | 1           | Fitting-90 DEG         |
| 4           | 100-4749           | 6           | Adapter-HYD           | 29:1        | 237-80             | 1           | O-Ring                 |
| 4:1         | 237-80             | 1           | O-Ring                | 30          | 353-537            | 2           | Fitting-Elbow, 90 DEG  |
| 5           | 127-0519           | 1           | Fitting-Elbow, 45 DEG | 30:1        | 237-79             | 1           | O-Ring                 |
| 6           | 127-0542           | 2           | Fitting-Elbow, 45 DEG | 31          | AU426-644          | 2           | Bolt-HH                |
| 8           | 127-1057           | 1           | HYD Hose ASM          | 32          | AU496-21041        | 5           | Washer-Flat            |
| 9           | 127-1058           | 2           | HYD Hose ASM          | 33          | 2412-96            | 1           | Clamp-R                |
| 10          | 127-1059           | 1           | HYD Hose ASM          | 34          | AU218-980          | 4           | Elbow-Swivel, 90 DEG   |
| 11          | 127-1060           | 1           | HYD Hose ASM          | 35          | AU218-5281         | 2           | Fitting-Elbow, 90 DEG  |
| 12          | 127-1061           | 1           | HYD Hose ASM          | 35:1        | 237-80             | 1           | O-Ring                 |
| 13          | 127-1062           | 1           | HYD Hose ASM          | 36          | AU91-203003-12-1   | 1           | Fitting-Tee            |
| 14          | 127-1065           | 1           | HYD Hose ASM          | 36:1        | 237-81             | 1           | O-Ring                 |
| 15          | 127-1066           | 1           | HYD Hose ASM          | 37          | 56-7971            | 6           | Clamp-Tube             |
| 16          | 127-1067           | 1           | HYD Hose ASM          | 38          | AUH428623          | 2           | Tee-Special            |
| 17          | 127-1068           | 1           | HYD Hose ASM          | 39          | AUH438204-03       | 1           | Bar                    |
| 18          | 127-1069           | 1           | HYD Hose ASM          | 40          | AUH439256          | 2           | Block-Clamp (Hose-HYD) |
| 19          | 127-1214           | 1           | HYD Hose ASM          | 41          | AUH439323          | 1           | Fitting-Restrictor     |
| 20          | AU218-5172         | 2           | Fitting-Elbow, 45 DEG | 42          | 3334-945           | 7           | Tie-Cable              |
| 21          | AU218-5382         | 1           | Elbow-Swivel, 90 DEG  | 43          | AU121447           | 2           | Orifice                |
| 22          | AU224-2246         | 3           | Nut-Square            | 44          | 130-8419           | 1           | Valve-Check            |
| 23          | 323-4              | 1           | Screw-HH              | 45          | 114-5509           | 1           | Fitting-Elbow 90       |
| 24          | 322-17             | 3           | Screw-HH              | 45:1        | 237-58             | 1           | O-Ring                 |
| 25          | 353-369            | 1           | Fitting-Elbow, 90 DEG | 46          | 340-148            | 2           | Fitting-Tee            |
| 25:1        | 237-81             | 1           | O-Ring                | 46:1        | 237-81             | 1           | O-Ring                 |
| 26          | 353-370            | 2           | Fitting-Elbow, 90 DEG | 46:2        | 237-58             | 2           | O-Ring                 |
| 26:1        | 237-80             | 1           | O-Ring                | 47          | 130-7381           | 1           | HYD Hose ASM           |
| 27          | 353-374            | 2           | Fitting-Elbow, 90 DEG | 48          | 130-7382           | 1           | HYD Hose ASM           |
| 27:1        | 237-42             | 1           | O-Ring                | 49          | 130-7383           | 1           | HYD Hose ASM           |
| 28          | 353-385            | 1           | Fitting-Straight      | 50          | 130-7384           | 1           | HYD Hose ASM           |

● Not illustrated



**Count on it.**