



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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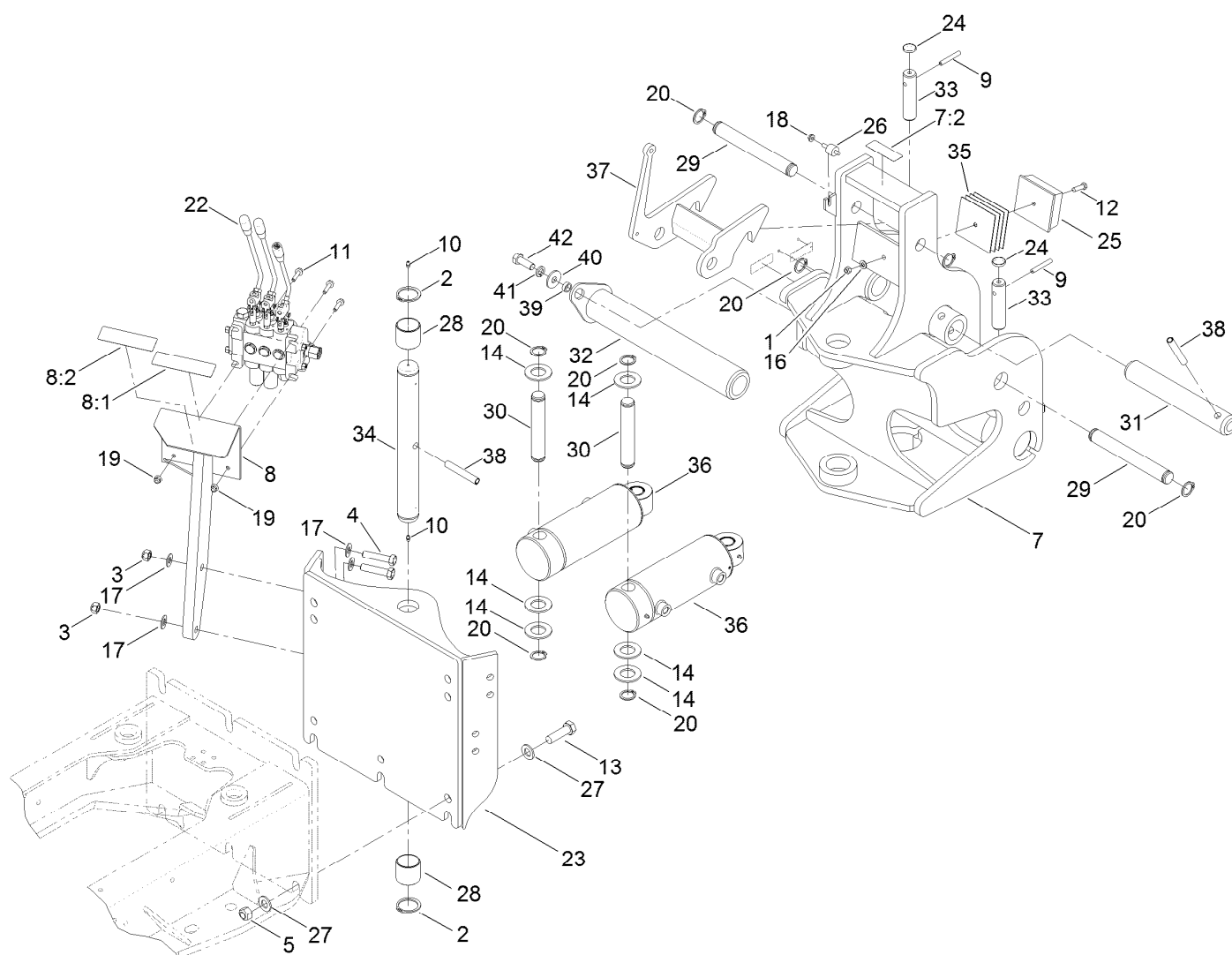
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Plow Mount Assembly

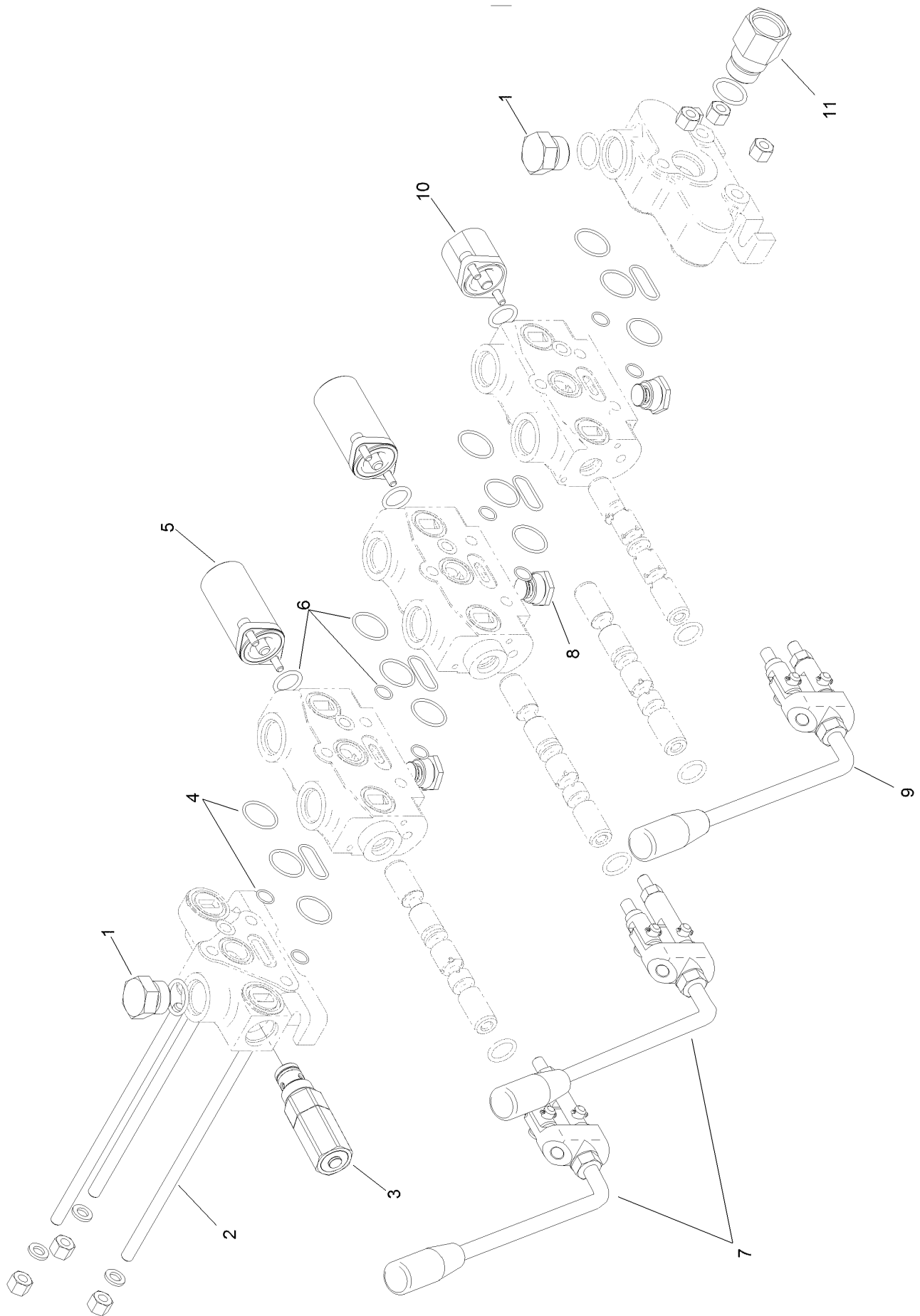


Plow Mount Assembly (continued)

<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) ●	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 Hazard	28	AUH433644	2	Bearing-Pivot
8	127-1090	1	Pedestal-Plow Valve 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

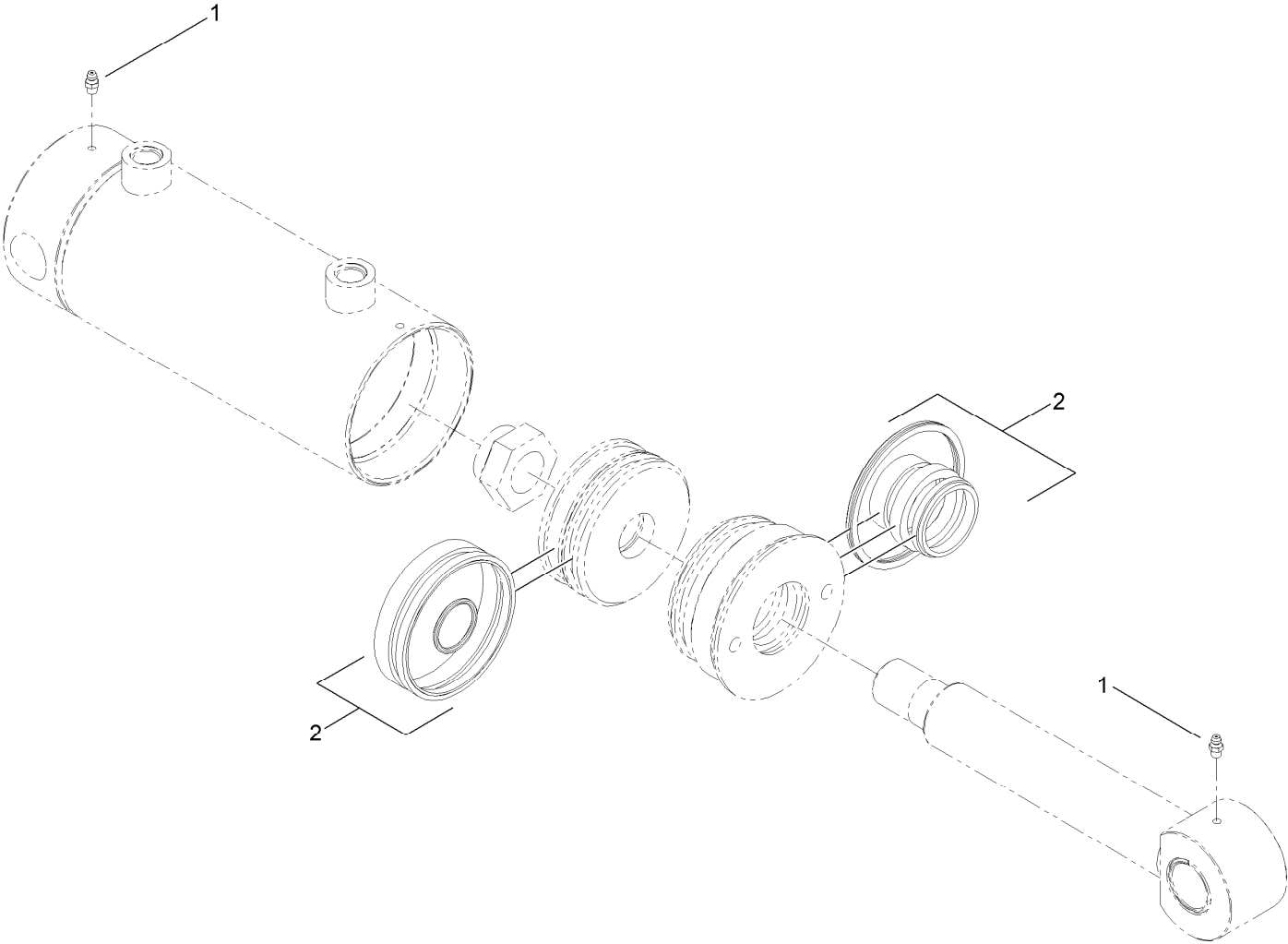


Control Valve Assembly No. AU106520 (continued)

<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

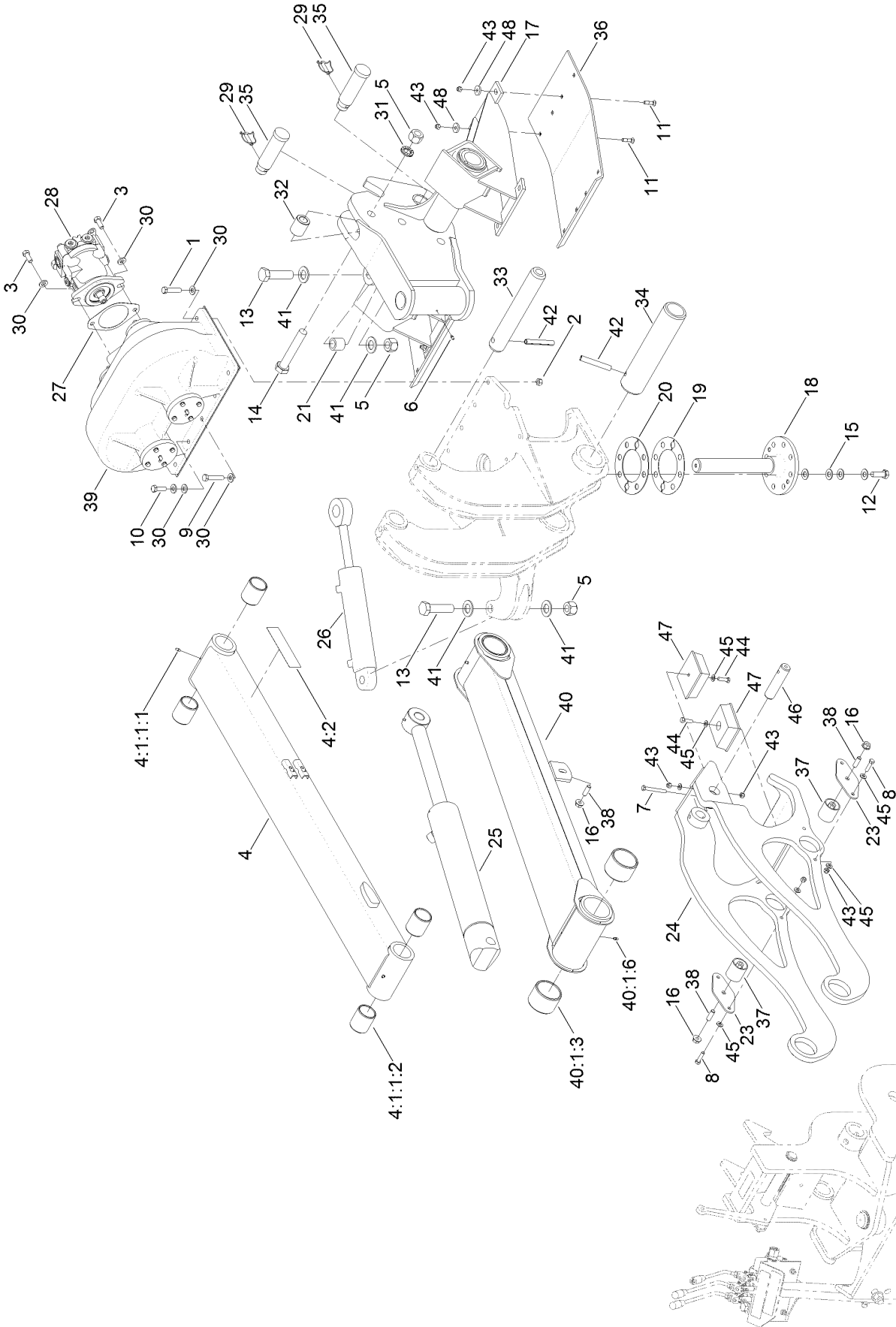
Hydraulic Cylinder Assembly No. AU126558



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



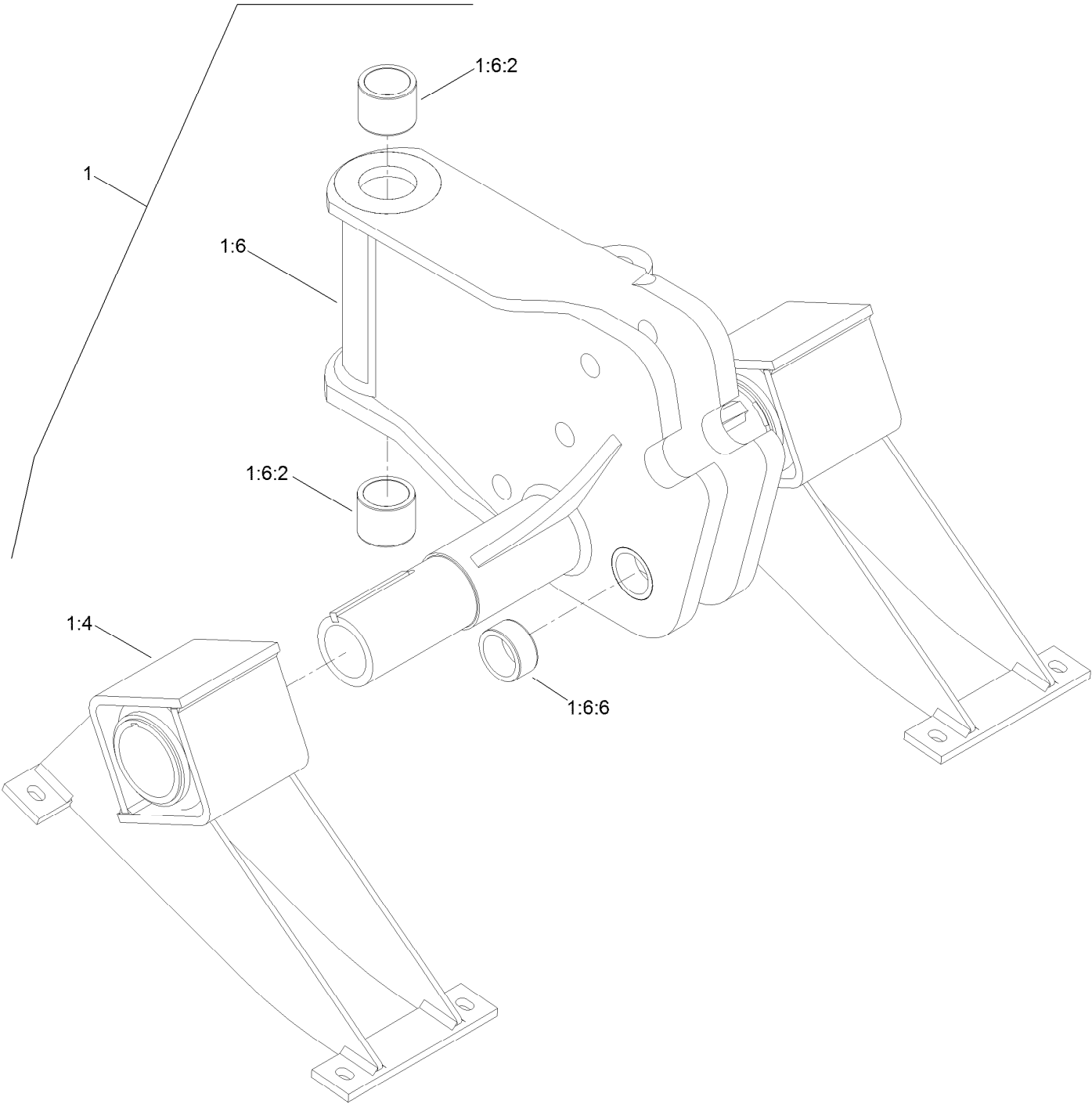
Plow Lift Assembly (continued)

<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

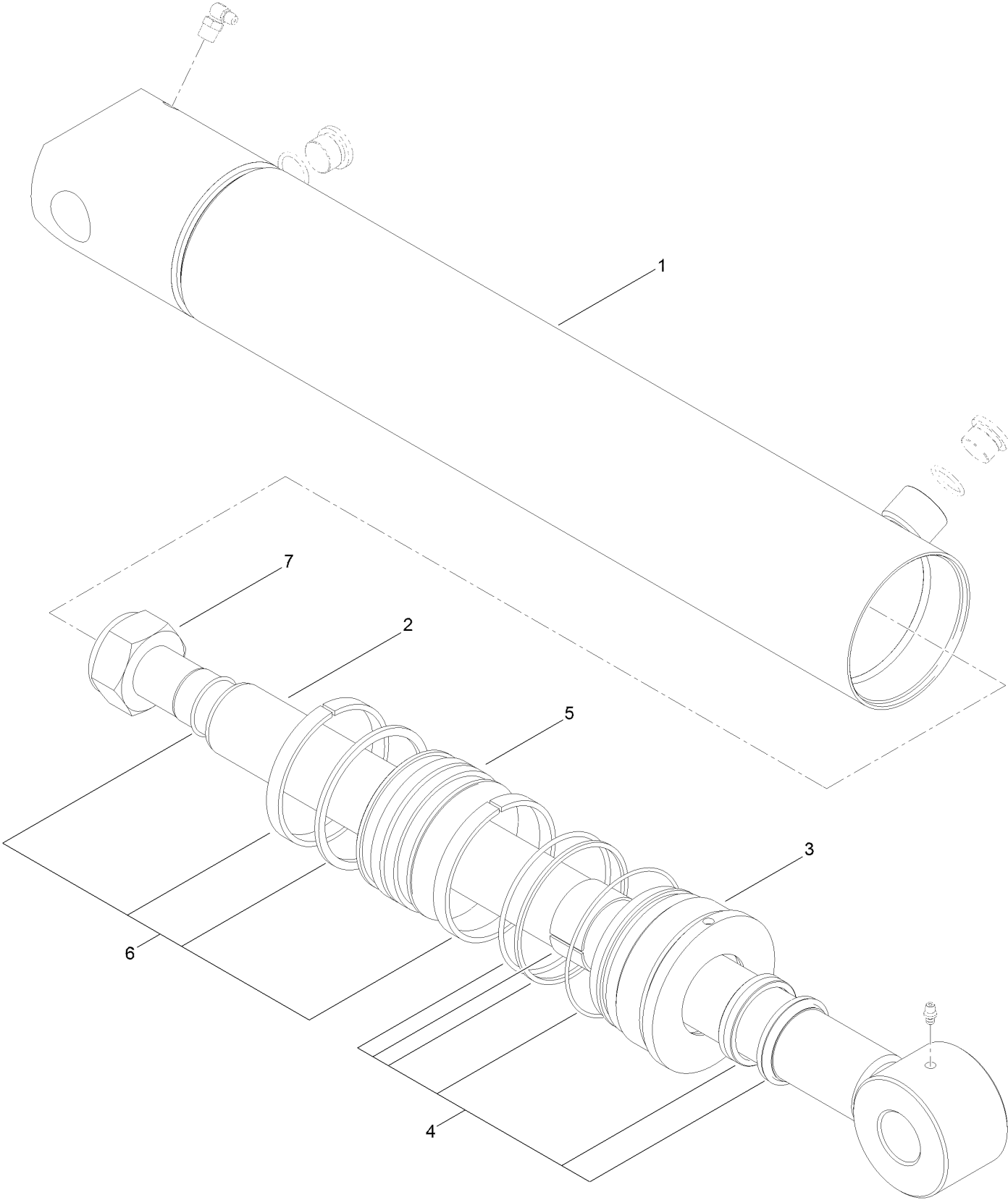


Blade Mount Assembly (continued)

<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 ●				

● Not serviced separately

Hydraulic Cylinder Assembly No. AU121737

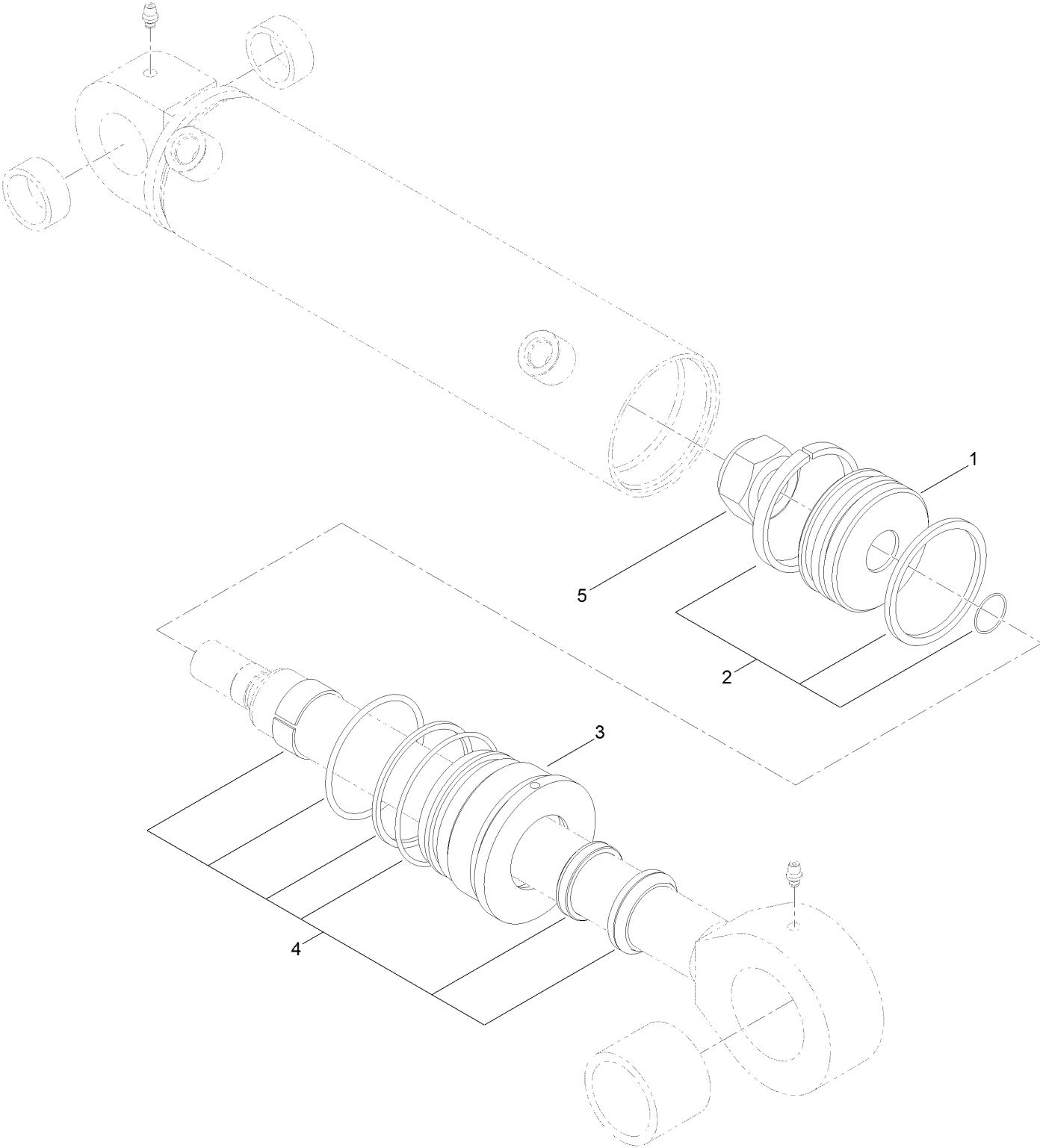


Hydraulic Cylinder Assembly No. AU121737 (continued)

<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

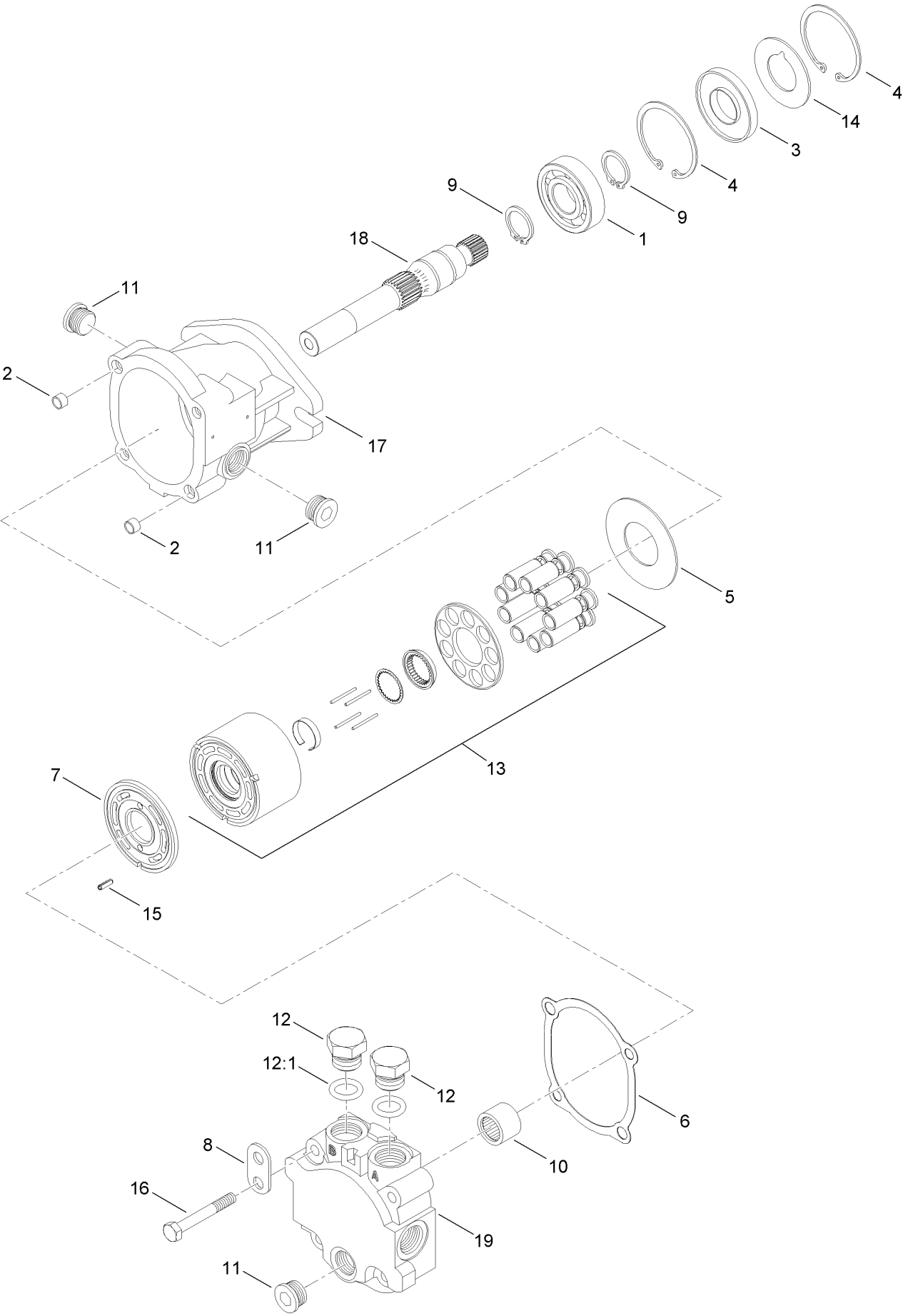


Hydraulic Cylinder Assembly No. AU123872 (continued)

<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

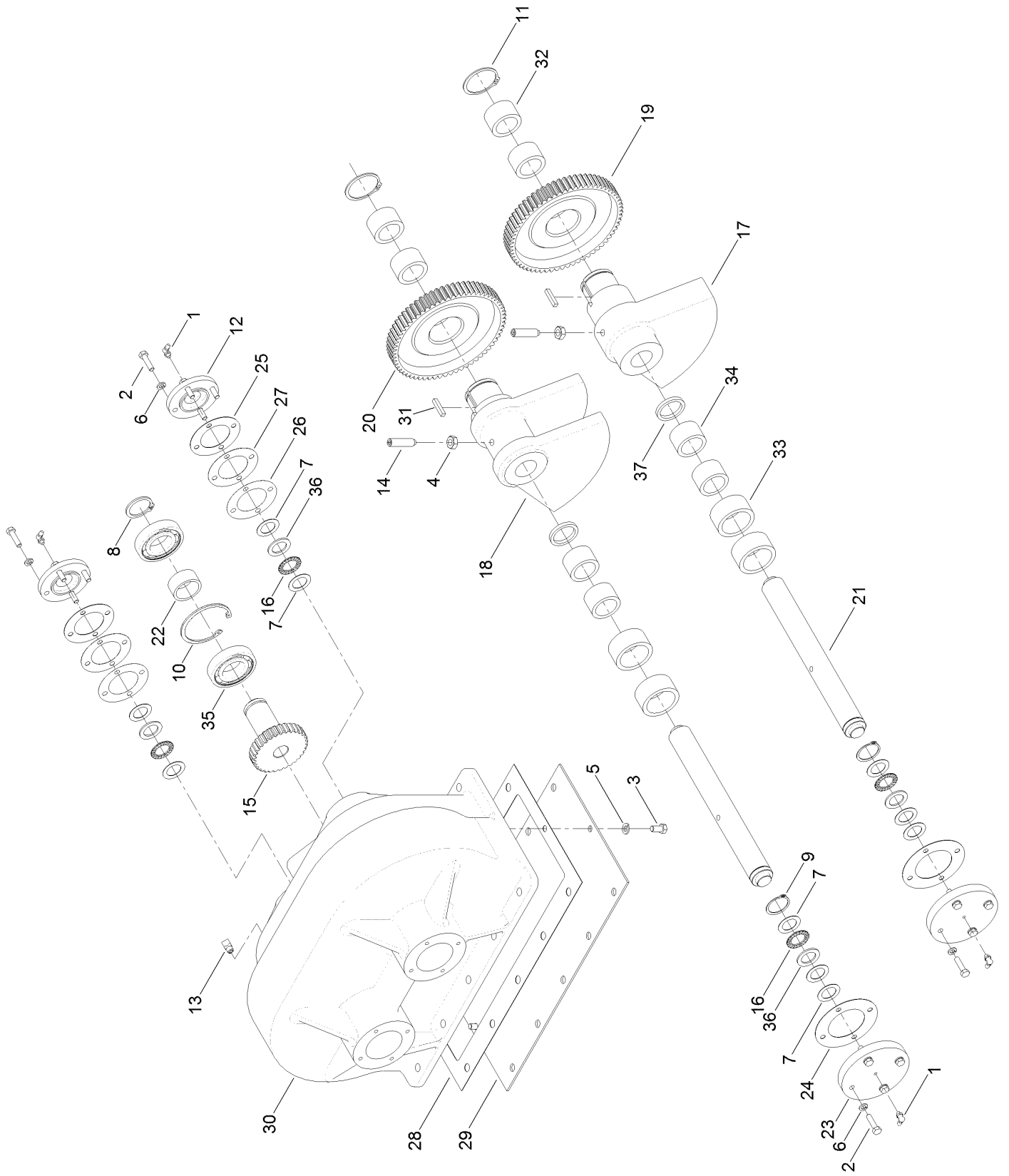


Hydraulic Motor Assembly No. AU87430035 (continued)

<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

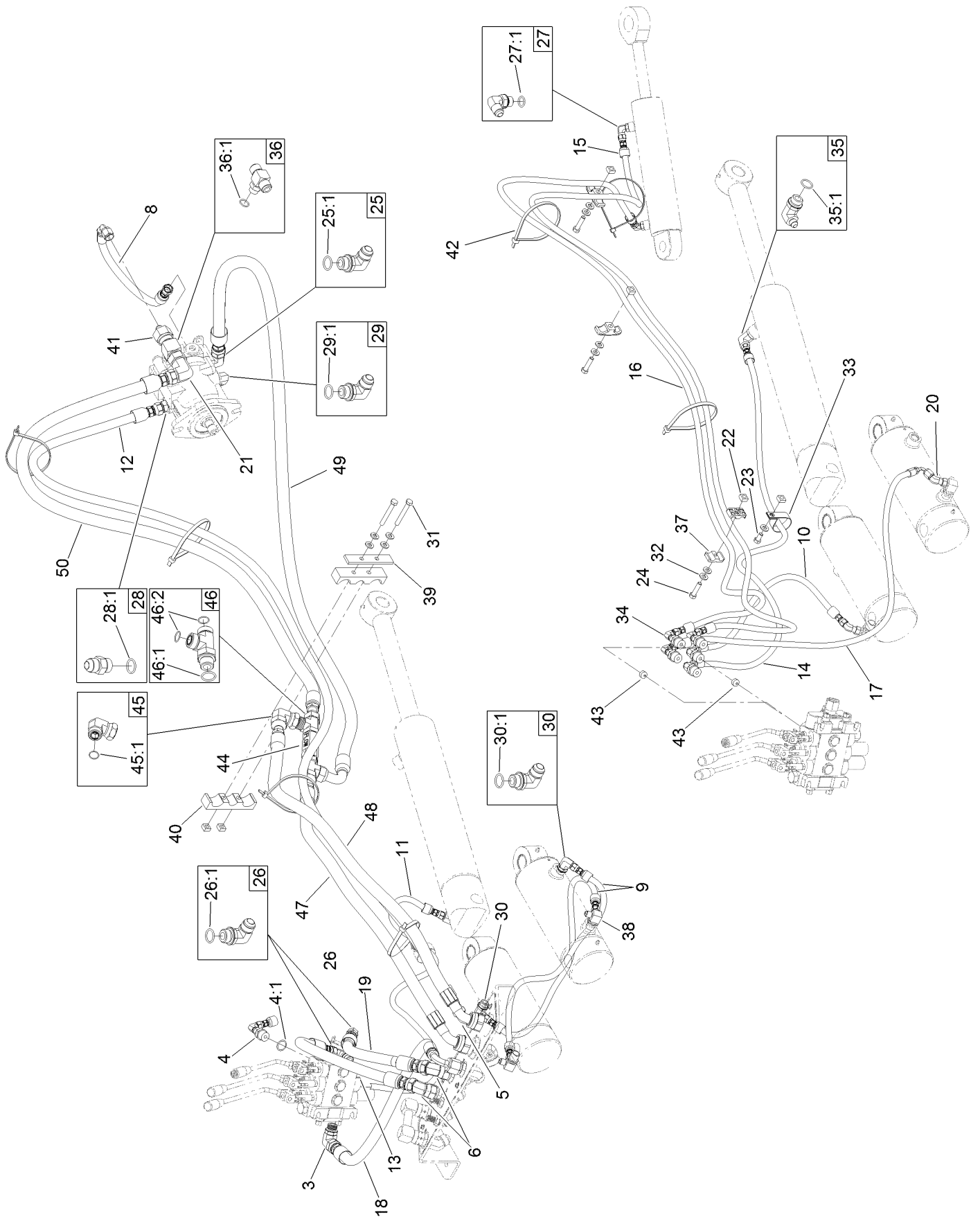


Shaker Box Assembly No. AUH563619-03 (continued)

<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.