



Count on it.

Form No. 3374-930 Rev B

Parts Catalog

RT600 Trencher

Model No. RT600



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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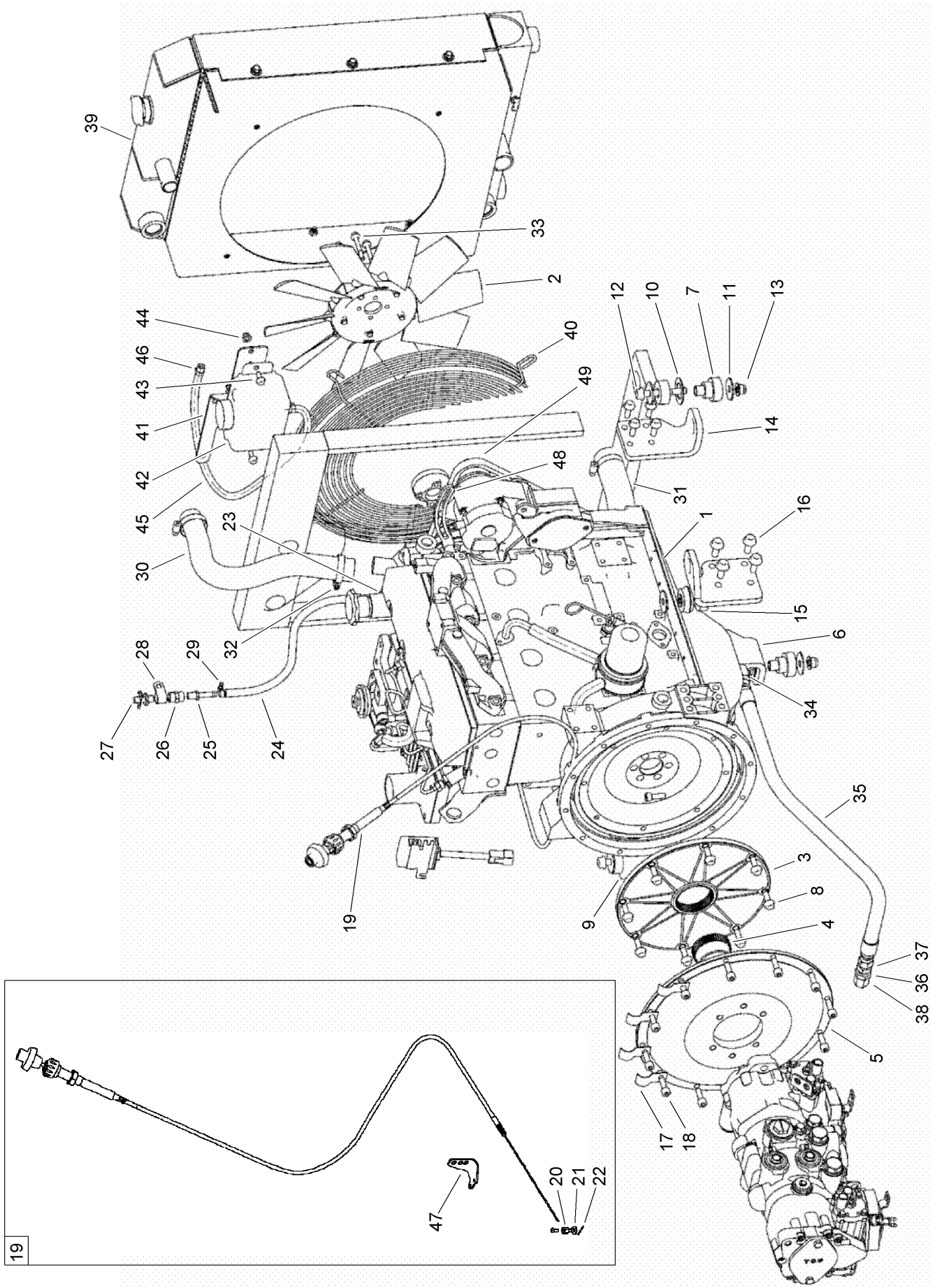
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Engine and Cooling Assembly



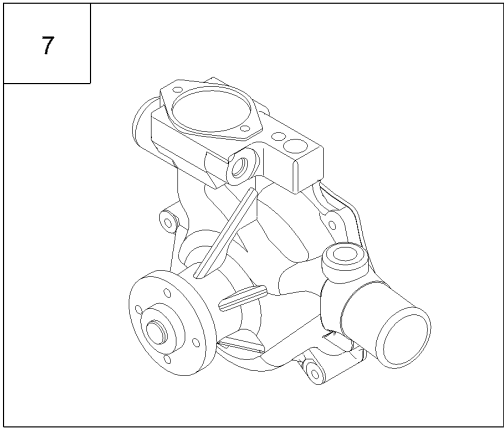
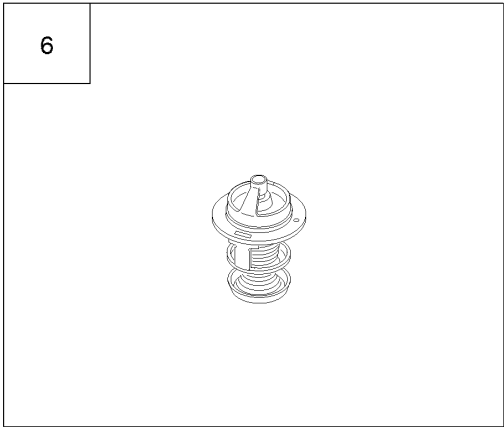
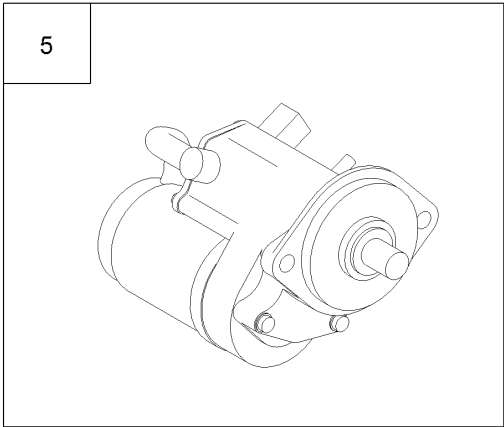
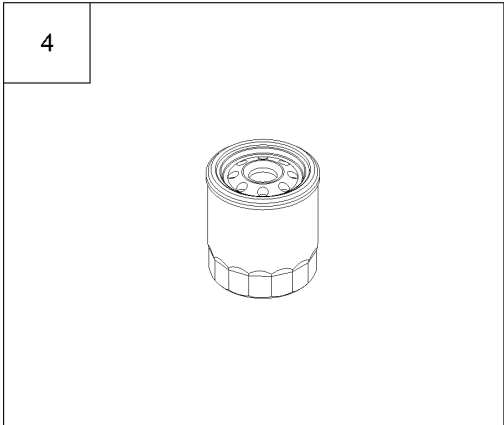
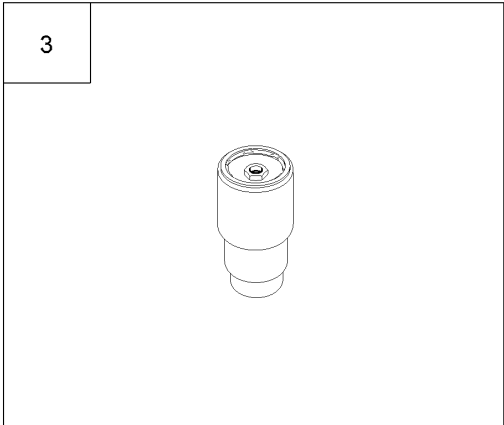
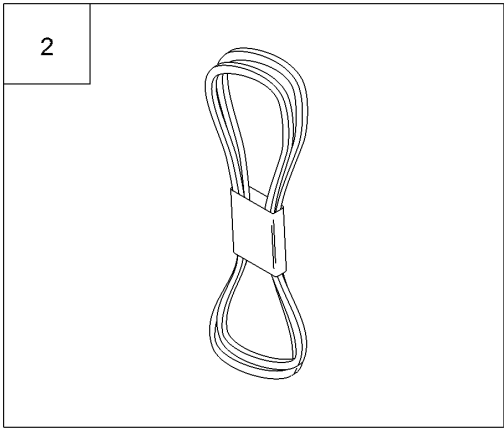
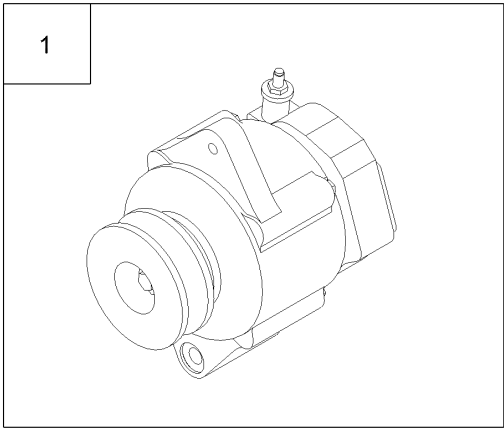
Engine and Cooling Assembly (continued)

<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>
	AU125312	1	ASM-Engine And Cooling ●	26	AU217-1101	1	Coupling-Pipe (NPTF)
1	AU124870	1	Engine-Cummins	27	AUH434809	1	Valve-Shutoff
2	AU124915	1	Fan-Cooling	28	AU515-23190	1	Clamp-Insul 19.0 Mm 3/8 In Bolt Znd
3	AU125037	1	Flange-Pump	29	AU214-1708	2	Clamp-Hose Type M #08
4	AU125036	1	Hub-Pump	30	AU126607	1	Hose-Radiator, Upper
5	AU125035	1	Plate-Pump Mount	31	AU118112	1	Hose-Lower Radiator
6	AU125213	1	Plate-Engine Mount, Front Left	32	AU214-1432	4	Clamp-Hose Type F #32
7	AU8NG28121	4	Isolator-Mounting, Universal	33	AU100323	4	Screw-Flange
8	AU100877	16	Screw-HH	34	AU91-GG308-NP12-22	1	Adapter
9	AU126014	1	Plate-Engine Mount, Rear Left	35	AU121700	1	Hose-Oil Drain
10	AU113262	4	Spacer-Isolator	36	AU218-675	1	Union-Bulkhead
11	AU495-71053	8	Washer-0.531 X 1.750 X 0.100 In Cst Znd	37	AU218-1251	1	Nut-Lock, Bulkhead
12	AU100354	4	Screw, Metric Flange W/Body-M12 X 90	38	AU218-756	1	Fitting-Cap
13	AU100528	4	Nut-HHF, Lock	39	AU125209	1	Cooling ASM
14	AU125224	1	Plate-Engine Mount, Front Right	40	AU8HX30005-2	1	Guard-Fan
15	AU126015	1	Plate-Engine Mount, Rear Right	41	AU125515	1	Weldment-Overflow Tank Mount
16	AU101477	8	Screw, Metric Flange W/Body-M12 X 30	42	AU109352	1	Tank-Overflow
17	AUA37179	4	Clip-Harness Support	43	AU100872	2	Screw, Metric Flange W/Body - M8 X 20
18	AU862-10030	12	Screw-HSH	44	AU100526	2	Nut-Torque, Prevailing
19	AU112937A1	1	Cable-Throttle	45	AUA171871	1	Hose-Overflow Out
20	AUH327494	1	Swivel	46	AUA171099	2	Clamp-Hose
21	AU495-11028	1	Washer-Flat	47	AU116960	1	Bracket-Throttle
22	AU432-412	1	Pin-Cotter 0.062 X 0.75 In Zn	48	AU8NG10019-51	1	Bracket-Alternator
23	AU217-380	1	Stem-Straight, Bead	49	AU126606	1	Belt-Fan
24	AUH439168	1	Hose-Vent	50	AU126608	1	Foam-Top, Radiator ●
25	AU217-151	1	Stem-Straight, Bead	51	AU126609	2	Foam-Side, Radiator ●
				52	AU126610	1	Foam-Bottom, Radiator ●
				53	AU119554	1	Heater-Block ●■
				54	AU124870	1	Engine-Cummins ●
				55	AUD139225	1	Filter-Inline Fuel ●
				56	AU123818	1	Filter-Engine Oil ●

● Not illustrated

■ Optional Equipment

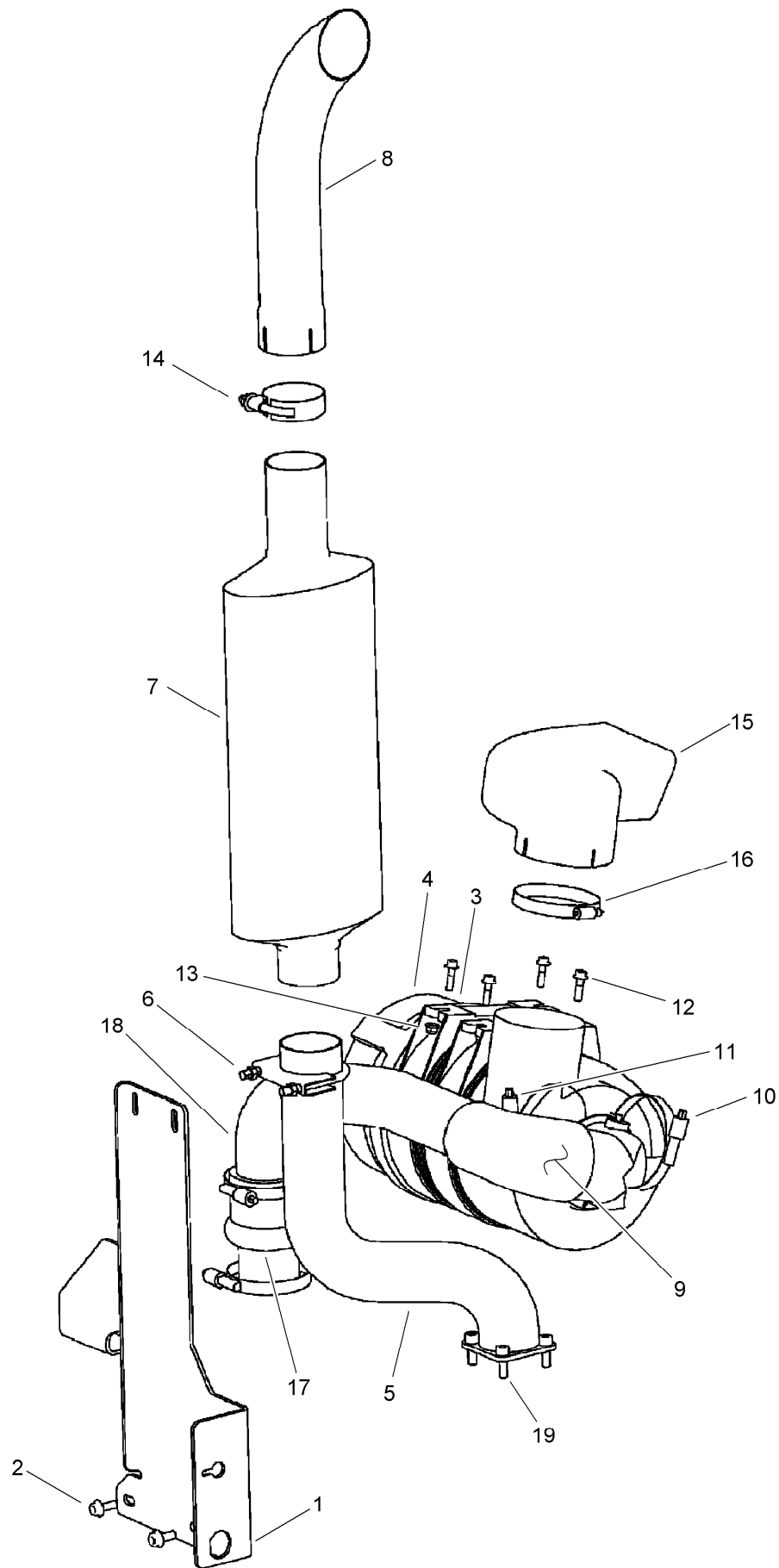
Engine Service Parts



Engine Service Parts (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	131-7059	1	Alternator	5	131-7061	1	Starter
2	131-7060	1	Belt	6	131-7062	1	Thermostat
3	AU8NG10019-23	1	Filter-Fuel	7	131-7063	1	Water Pump
4	130-8860	1	Filter-Oil, Engine				

Intake and Exhaust Assembly

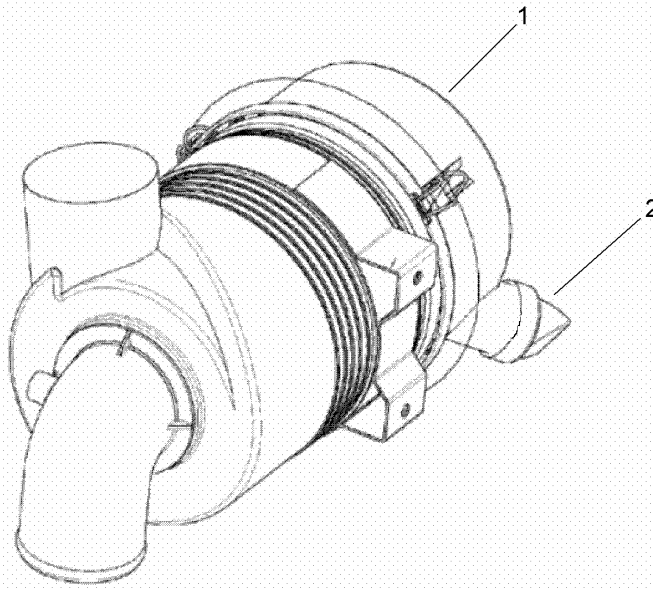


Intake and Exhaust Assembly (continued)

<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>
	AU125338	1	ASM-Engine And Cooling ●	12	AU100398	4	Screw, Metric Flange Full -
1	AU125421	1	Support-Muffler Mount				M8 X 25
2	AU100876	2	Screw-Flange	13	AU100526	4	Nut-Torque, Prevailing
3	AU8NG10018-07	2	Mount-Air Cleaner	14	AU106185	1	Clamp-Muffler
4	AU8NG10018-03	1	ASM-Air Cleaner	15	AU125498	1	Intake-Air
5	AU125242	1	Tube-Exhaust	16	AU214-3180	1	Clamp-Hose, Worm Gear
6	AU111840	1	Bolt-U, Clamp				(Heavy Duty)
7	AU129272A1	1	Muffler-Vertical, Oval	17	AU125250	1	Connector-Intake, Air
8	AU115334	1	Exhaust-Stack	18	AU125248	1	Tube-Intake, Air
9	AU125249	1	Connector-Air Intake	19	AU864-10030	4	Screw-Soc Hd, M10 X 30
10	AU102427	1	Clamp-Torque, Constant				Class 8.8 Znd
11	AU102431	3	Clamp-Torque, Constant				

● Not illustrated

Air Cleaner Assembly



Air Cleaner Assembly (continued)

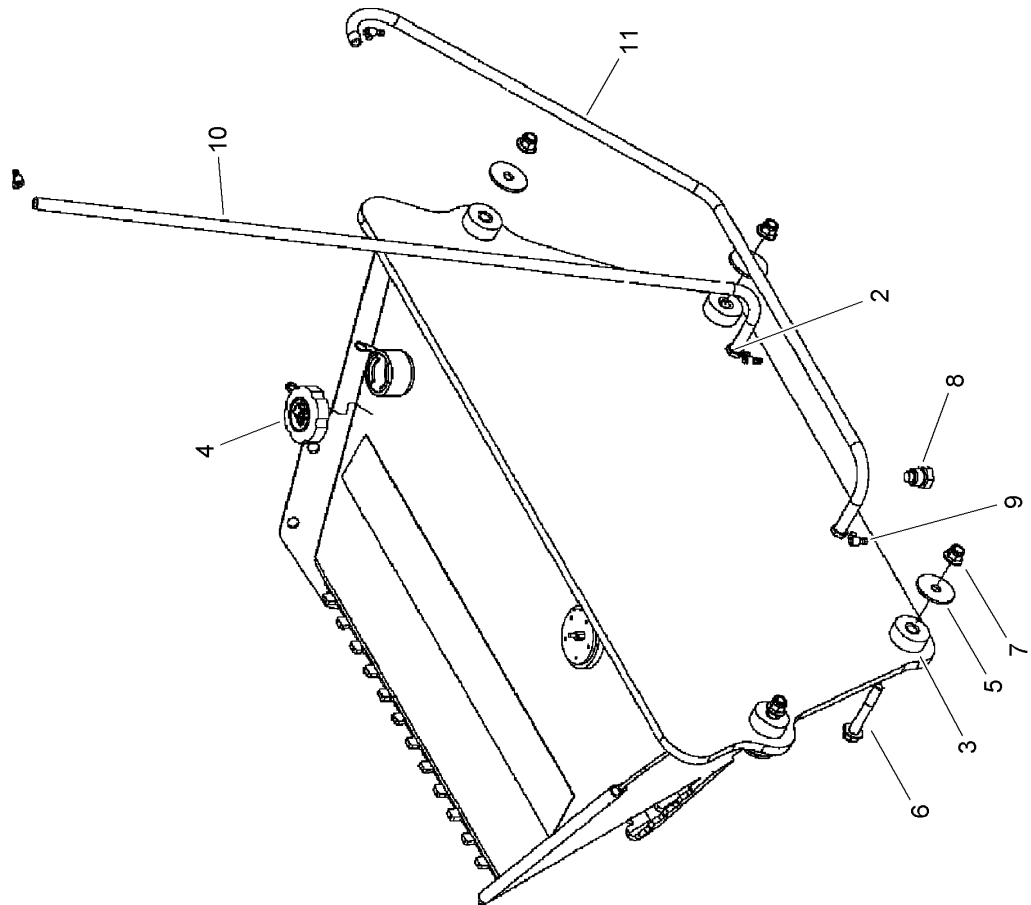
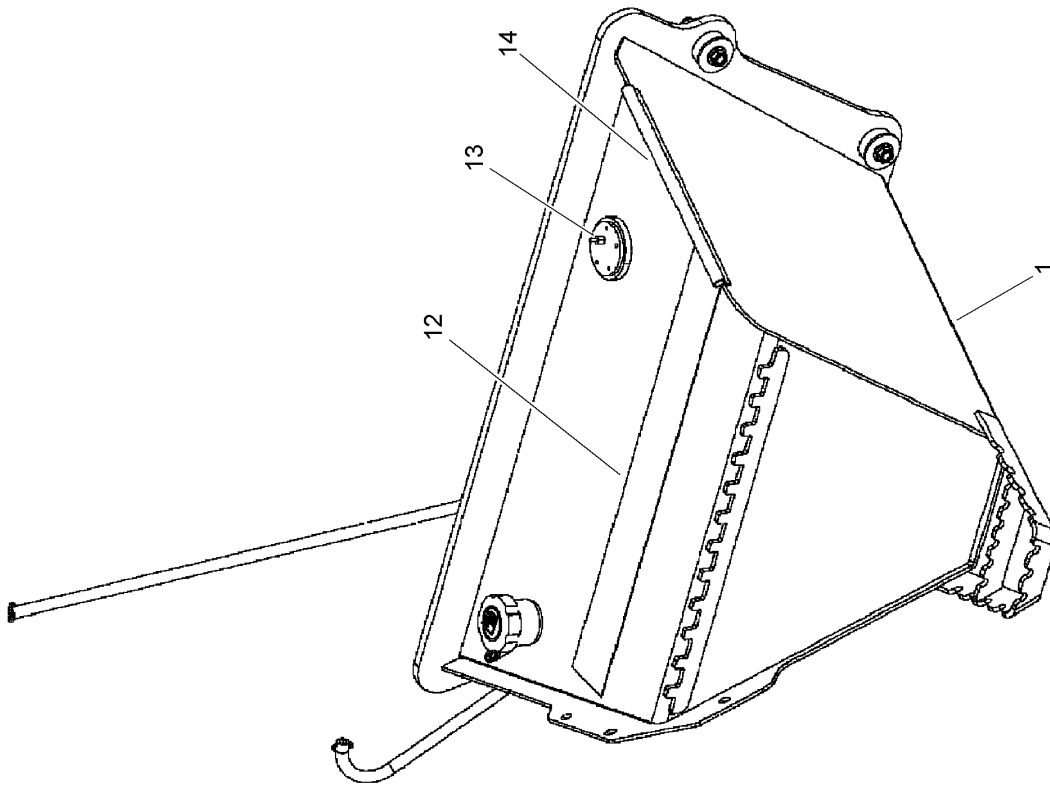
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU8NG10018-03	1	ASM-Air Cleaner ●
1		1	Cover-Air Cleaner ■
2	AUP776008	1	Vacuator Valve-Air Cleaner

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	AU8NG10018-04	1	Filter Element-Primary ●
4	AU8NG10018-05	1	Filter Element-Secondary ●

● Not illustrated

■ Not serviced separately

Fuel Tank Assembly

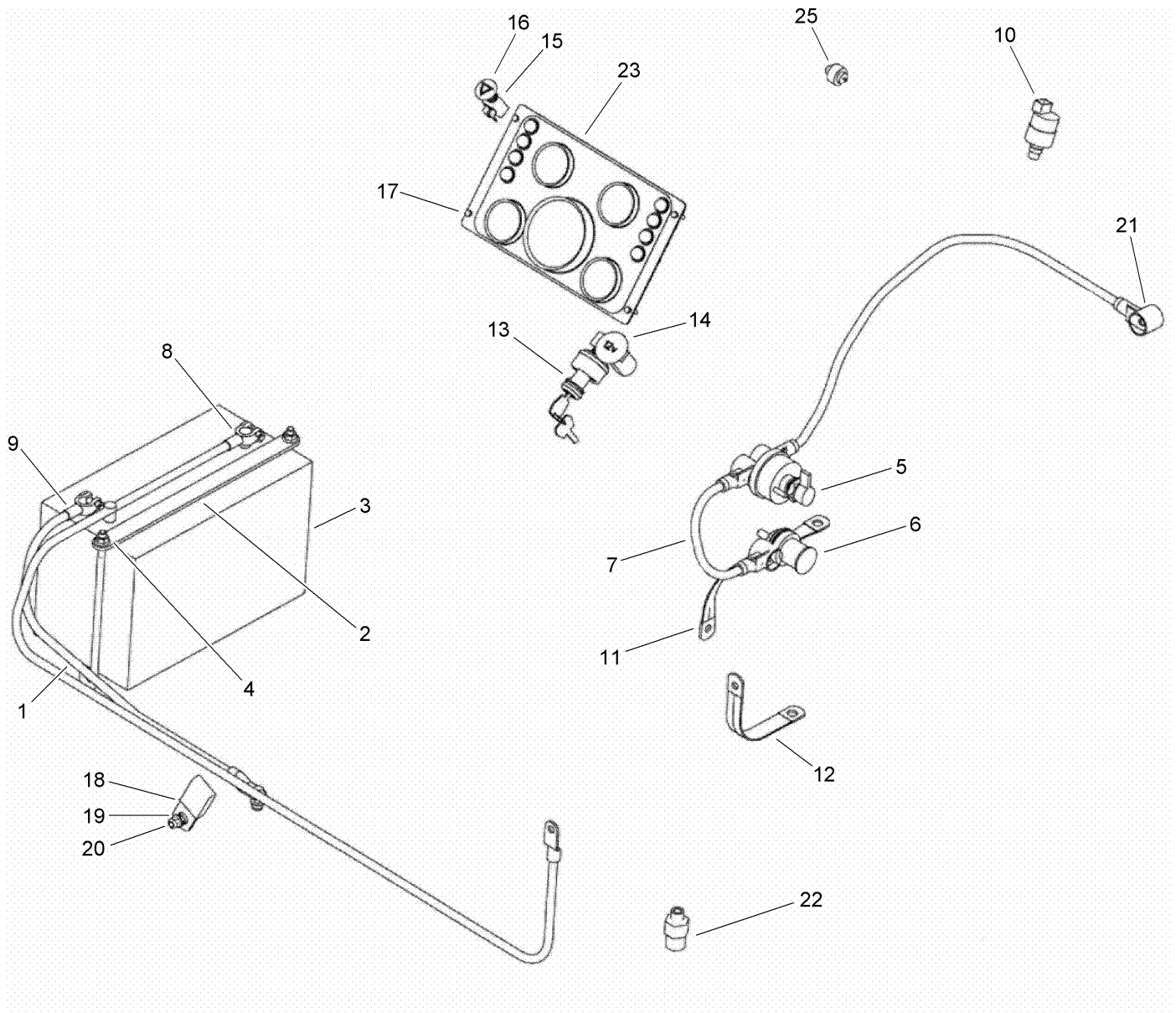


Fuel Tank Assembly (continued)

<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>
	AU125322	1	ASM-Engine And Cooling ●	8	AU119908	1	Plug-Hex, Magnetic
1	AU125323	1	Weldment-Fuel Tank	9	AU214-1704	4	Clamp-Hose Type M #04
2	AU8TA60006	2	Fitting-Straight	10	AU109674A1	1	Hose-Fuel Tank
3	AU8NG28121	4	Isolator-Mounting, Universal	11	AU109674A1	1	Hose-Fuel Tank
4	AU102188	1	Cap-Diesel Fuel W/ Lock	12	AUH433994	1	Strip-Anti Skid
5	AU496-81018	4	Washer-Flat	13	AU125245	1	Sender-Fuel Level
6	AU100353	4	Screw-HHF	14	AU118602	1	Seal-Hood
7	AU100528	4	Nut-HHF, Lock				

● Not illustrated

Electrical Assembly

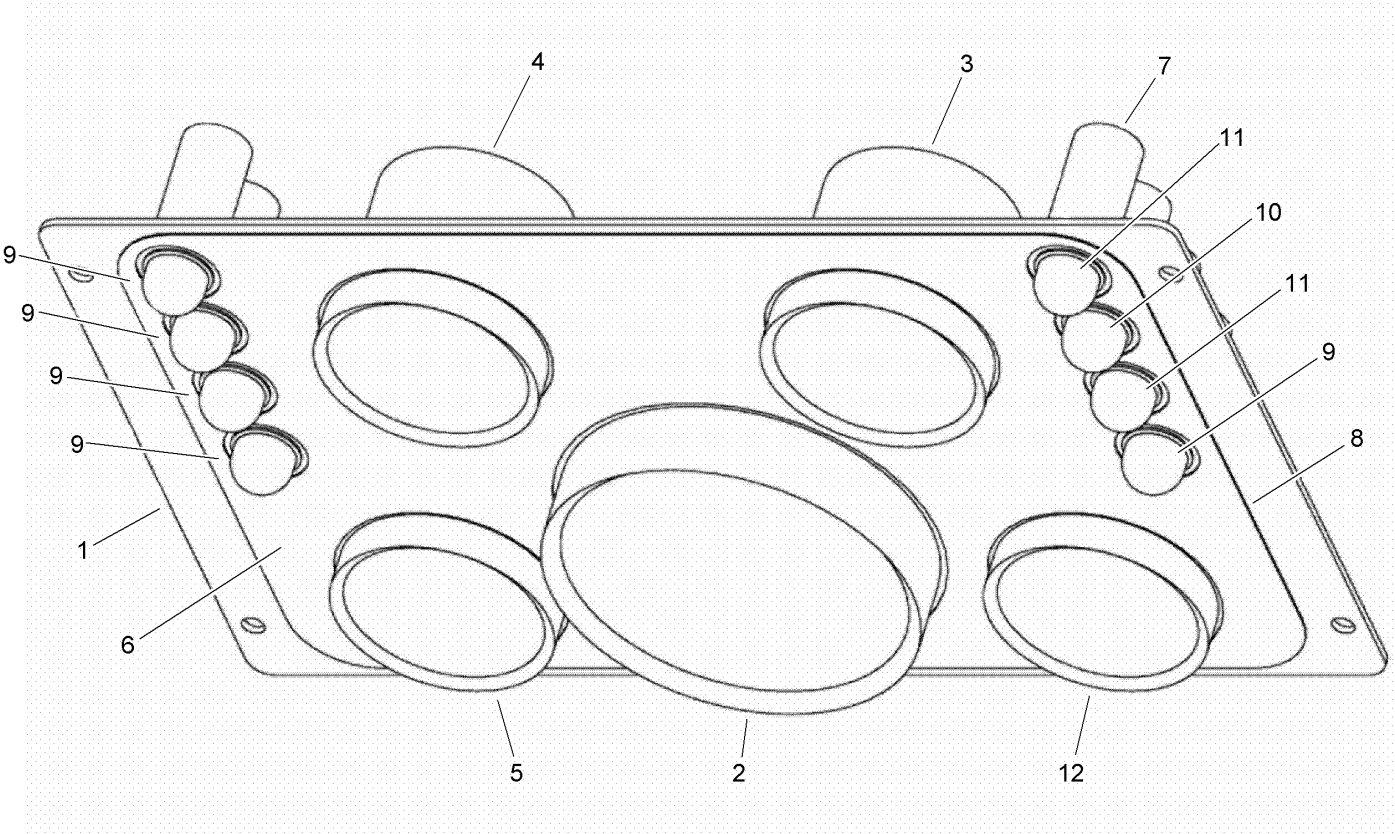


Electrical Assembly (continued)

<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>
	AU125435	1	ASM-Engine And Cooling ●	13	AU103815	1	Assembly - Ignition Switch
1	AU125609	1	Battery (Purchase Locally)	14	AU22000121	1	Receptical-12V DC
2	AU117616	1	Plate-Battery Hold Down	15	AUD74330	1	Switch-Light
3	AUH436311	2	Bolt-Holddown, Battery	16	AUD88134	1	Knob-Diff Lock
4	AU231-5146	2	Nut-Serr Flg 3/8-16 Unc GR5 Znd	17	AU463-11012	4	Screw-HH
5	AUR52278	1	Switch-Disconnect, Master	18	AUA180154	1	Clamp-P Type 4 X 1/2
6	AU105186	1	Post-Battery, Remote	19	AU100873	2	Screw-HH
7	AU108132	1	Cable-Positive	20	AU100526	2	Nut-Torque, Prevailing
8	AU108129	1	Cable-Positive	21	AU114443	1	Cable-Battery, Positive
9	AU108130	1	Cable-Ground	22	AU443897A1	1	Switch-Pressure
10	AU293797A1	1	Switch ASM	23	AU125255	1	Instrument Panel ASM
11	AUD127018	1	Strap-Grounding	24	AU125983	1	Harness-Electrical ●
12	AUD127018	1	Strap-Grounding	25	AU127738	1	Sender-Water Temp

● Not illustrated

Gauge Cluster Assembly



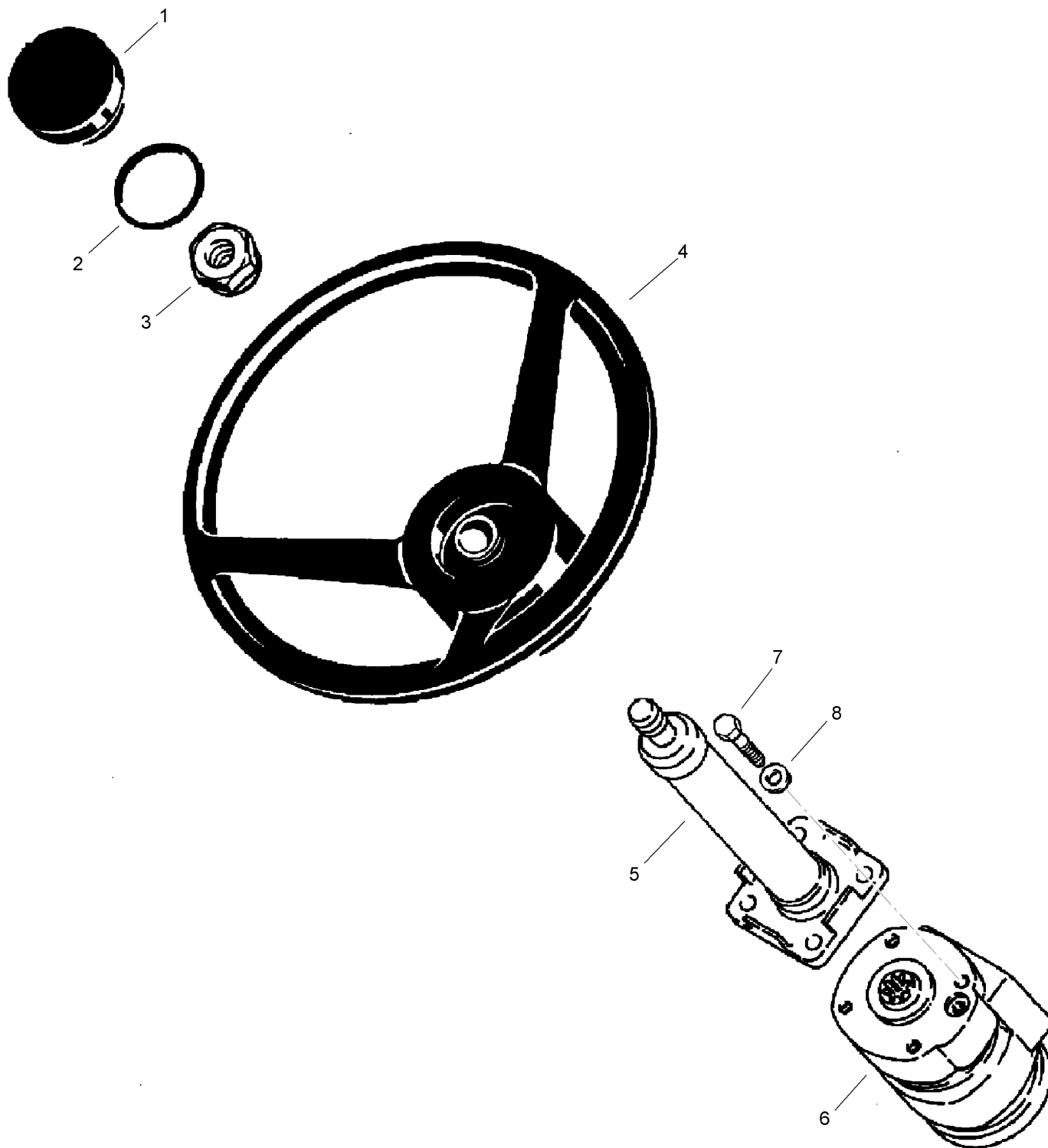
Gauge Cluster Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU125255	1	Instrument Panel ASM ●
1	AU126987	1	Plate-Mounting
2	AU126983	1	Gauge-Tachometer
3	AU126881	1	Gauge-Fuel
4	AU126878	1	Gauge-Volt
5	AU126879	1	Gauge-Temp
6	AU126985	1	Overlay-Decal
7	AU30-1608-1004	8	Base-Bulb

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	AU126984	8	Bulb-12 Volt
9	AU8EO21406	5	Lens-Dome, Fluted Amber (Type T2)
10	AU8EO21403	1	Lens-Dome, Fluted Green (Type T2)
11	AU8EO21402	2	Lens-Dome, Fluted Red (Type T-2)
12	AU127902	1	Gauge-HYD Oil Temp

● Not illustrated

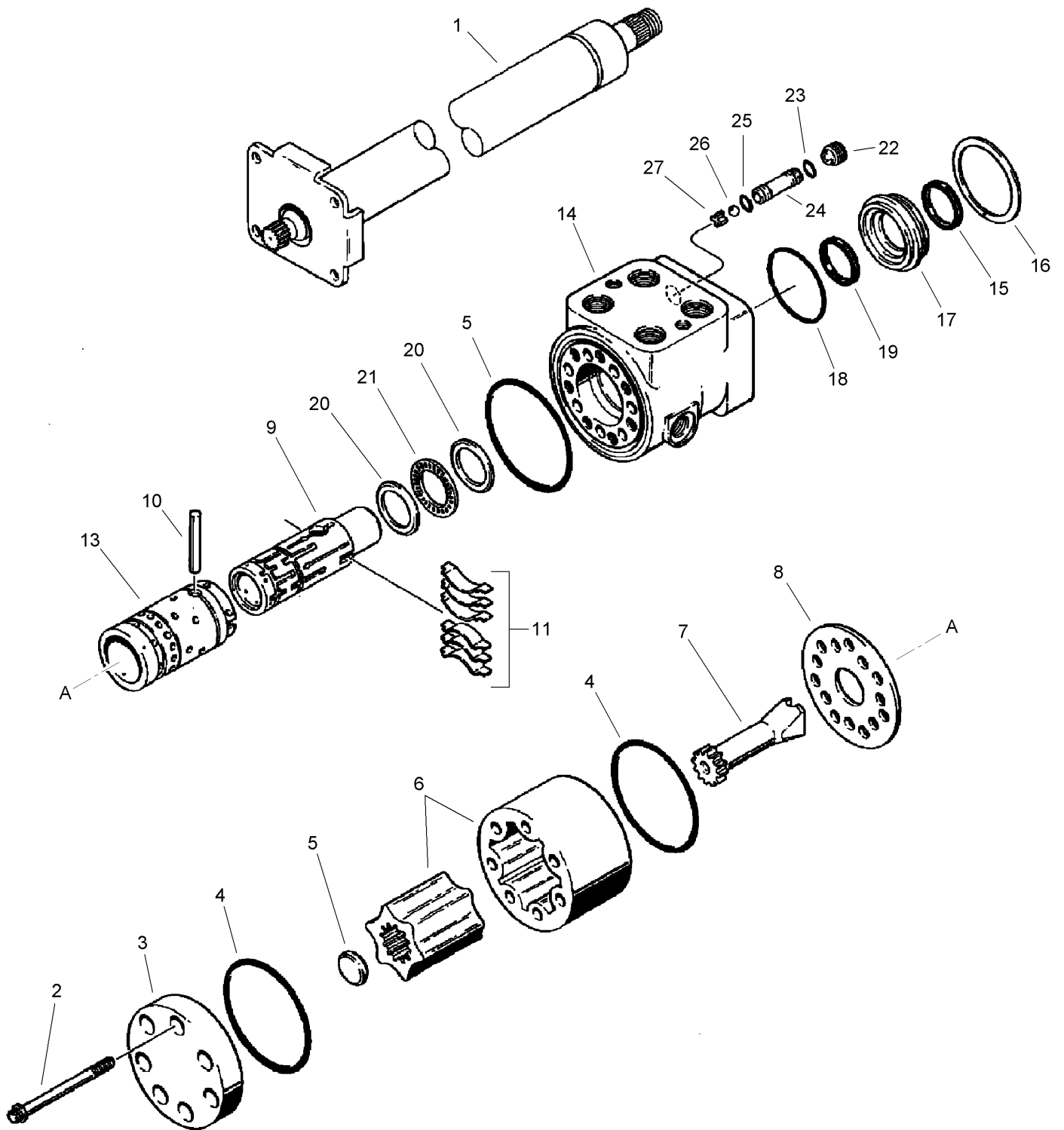
Steering Wheel and Mounting Assembly



Steering Wheel and Mounting 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	AU114882A2	1	Cap-Steering Wheel	6	AU141535A1	1	HYD Steering Control Valve ASM
2	AU238-5227	1	O-Ring	7	AU426-624	4	Bolt-Hex, 3/8 NC X 1-1/2 Inch
3	AUF19646	1	Nut	8	AU496-21041	4	Washer-Flat
4	AUA65544	1	Wheel-Steering				
5	AUH672220	1	Steering Column ASM				

Steering Control Valve Assembly



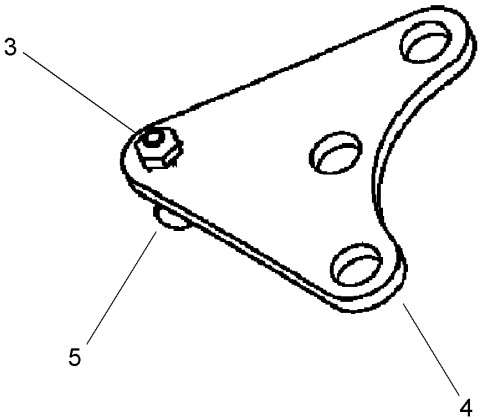
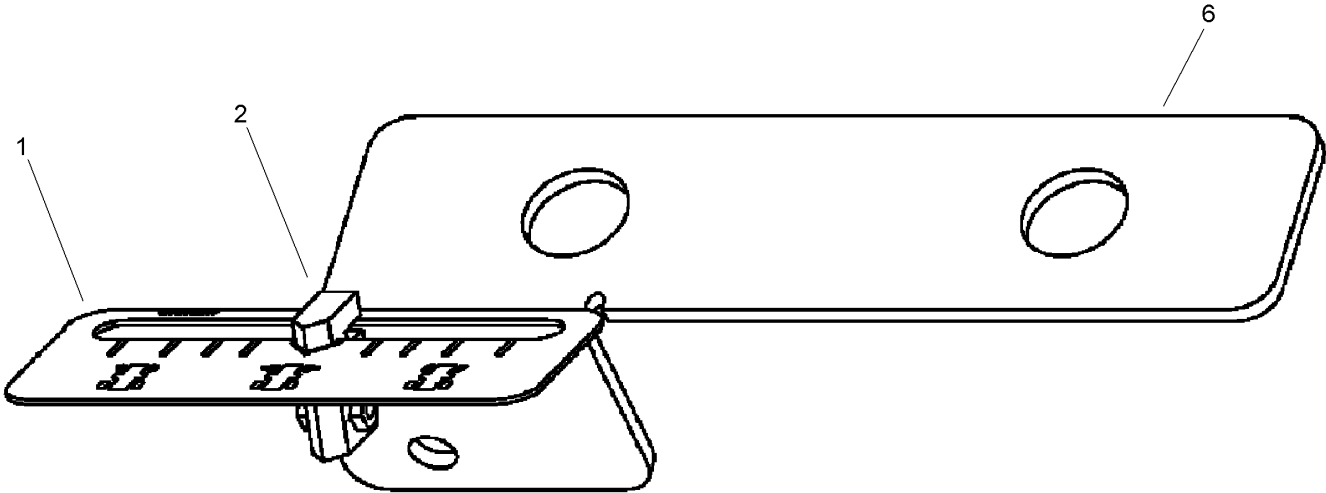
Steering Control Valve Assembly (continued)

<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	AUH672220	1	Steering Column ASM	11	AUL30889	6	Spring
	AU426-624	4	Bolt-Hex, 3/8 NC X 1-1/2 Inch ●	12		2	Spacer (If Used) ■●
	AU496-21041	4	Washer-Flat ●	13		1	Sleeve ■
	AU141535A1	1	HYD Steering Control Valve ASM ●	14		1	Body-Valve ■
2	AU371196A1	7	Bolt-5/16 X 1-3/4	15	AUA28211	1	Seal-Outer, 1 ID
3	AU135867A1	1	Cover-End	16	AUS110169	1	Ring
	AU135882A1	1	Kit-Seal (Includes Items 4, 15, 18, 19, 23, And 25) ●	17	AUS110170	1	Bushing
4	AU238-5040	3	O-Ring-End Cap, 2-7/8 ID X 1/16	18	AU238-5225	1	O-Ring-1-7/8 ID X 1/8
5	AUK964246	1	Spacer-Drive Shaft	19	AUA72029	1	Seal-Square Section, Outer
6	AU135868A1	1	Gerotor	20	AUD82804	2	Race-Bearing, Thrust
7	AUL30878	1	Shaft-Drive, Gerotor	21	AUG13609	1	Bearing
8	AU135869A1	1	Plate	22	AUD82805	1	Setscrew
9		1	Spool ●■	23	AU238-5012	1	O-Ring-Outer, 3/8 ID X 1/16
10	AU135874A1	1	Pin-Roll	24	AUD82806	1	Seat-Ball
	AUN14250	1	Kit-Centering Spring (Set Of 6) (Includes Items 11 And 12) ●	25	AUN8539	1	O-Ring-Inner
				26	AU211-9	1	Ball-Chrome Alloy Steel, 5/16, Grade 24
				27	AUL35368	1	Retainer-Check Ball

● Not illustrated

■ Not serviced separately

Rear Steering Indicator Assembly

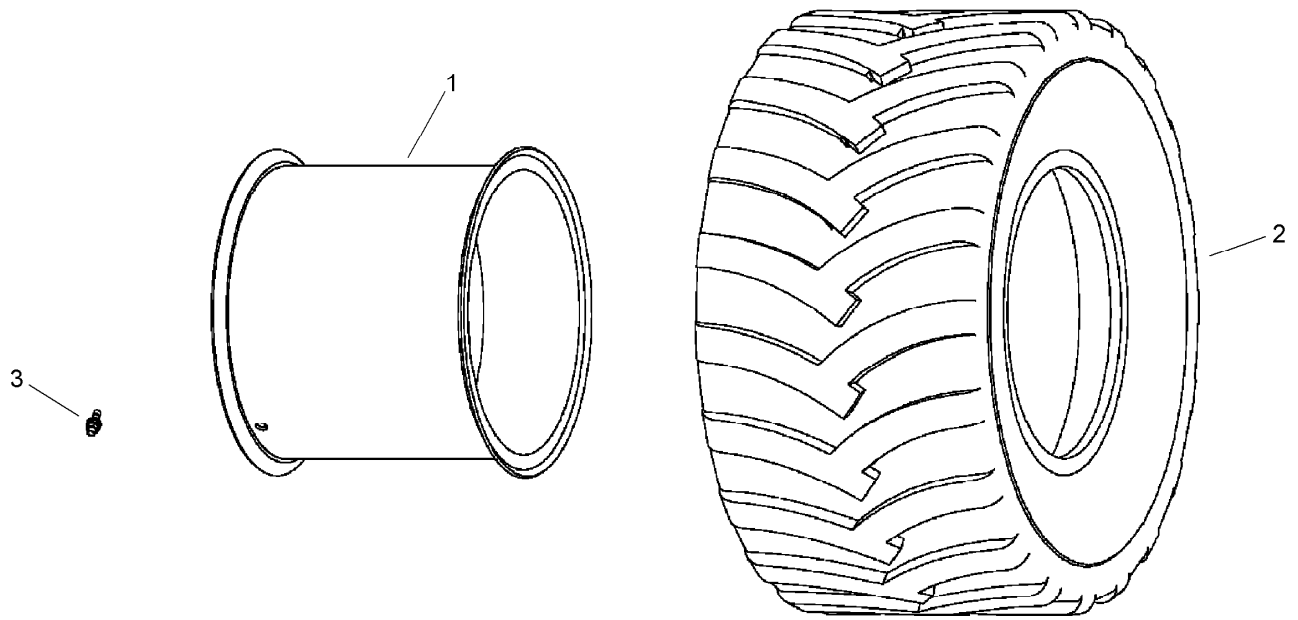


Rear Steering Indicator Assembly (continued)

<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>
	AU125580	1	ASM-Engine And Cooling ●	4	AU125581	1	Plate-Steering Indicator
1	AU124349	1	Decal-Rear Steering Indicator	5	AUL12437	1	Joint-Ball
2	AUH437165	1	Pointer-Indicator, Position	6	AU125582	1	Mount-Rear Steering Indicator Cable
3	AU193-1000	3	Nut-Keps Ext T Washer #10-32 Unf Zp	7	AUH673996	1	Position Indicator Cable ASM ●

● Not illustrated

Wheel and Tire Assembly

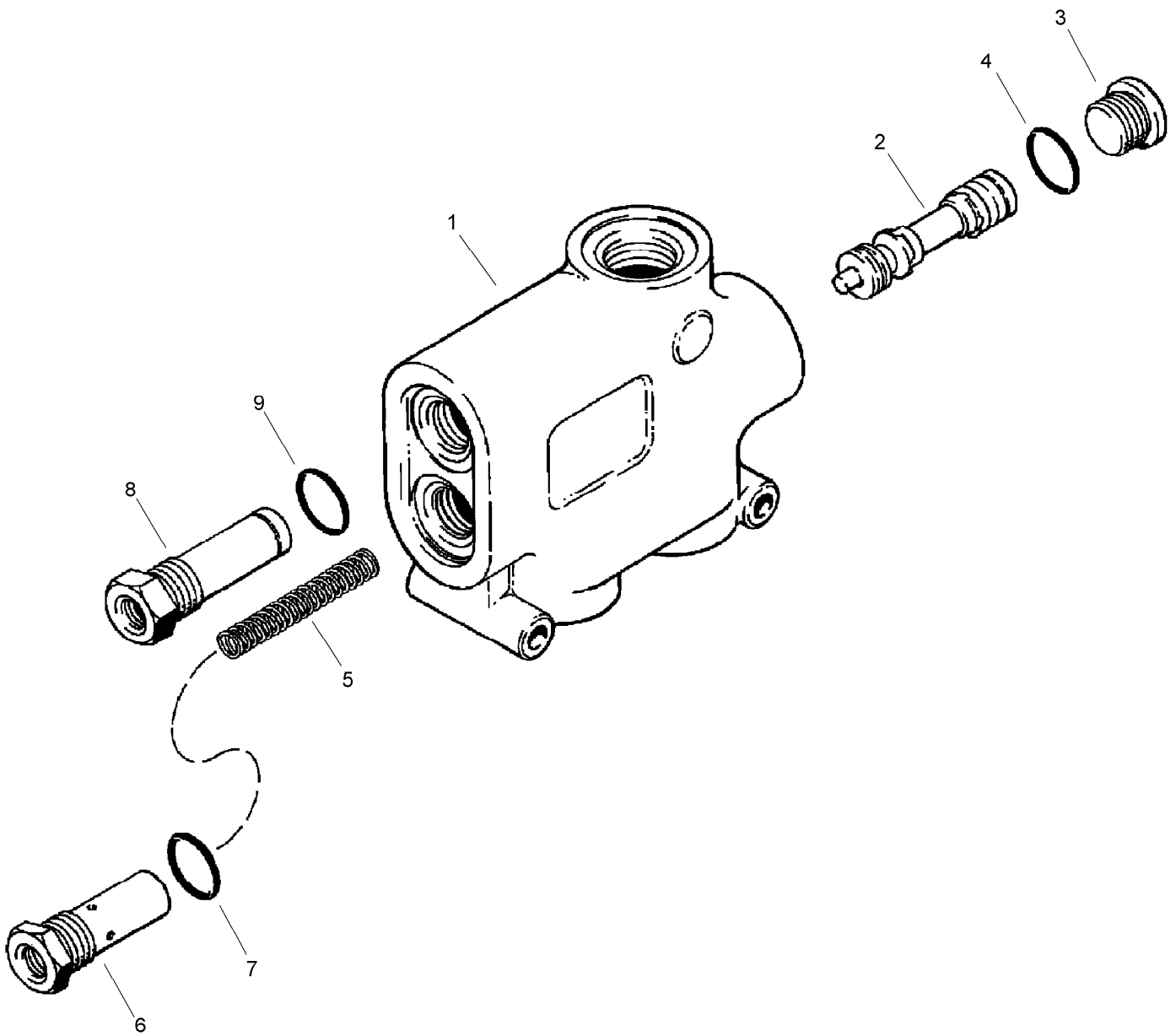


Wheel and Tire Assembly (continued)

<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>
	AU125055	4	ASM-Wheel And Tire ●	2	AU223663A1	1	Tire-31 X 15.5-15
1	AU125056	1	Wheel-16.1 In For 31 X 15.5-15	3	AUT57461	1	Stem-Valve

● Not illustrated

Priority Flow Divider Valve Assembly



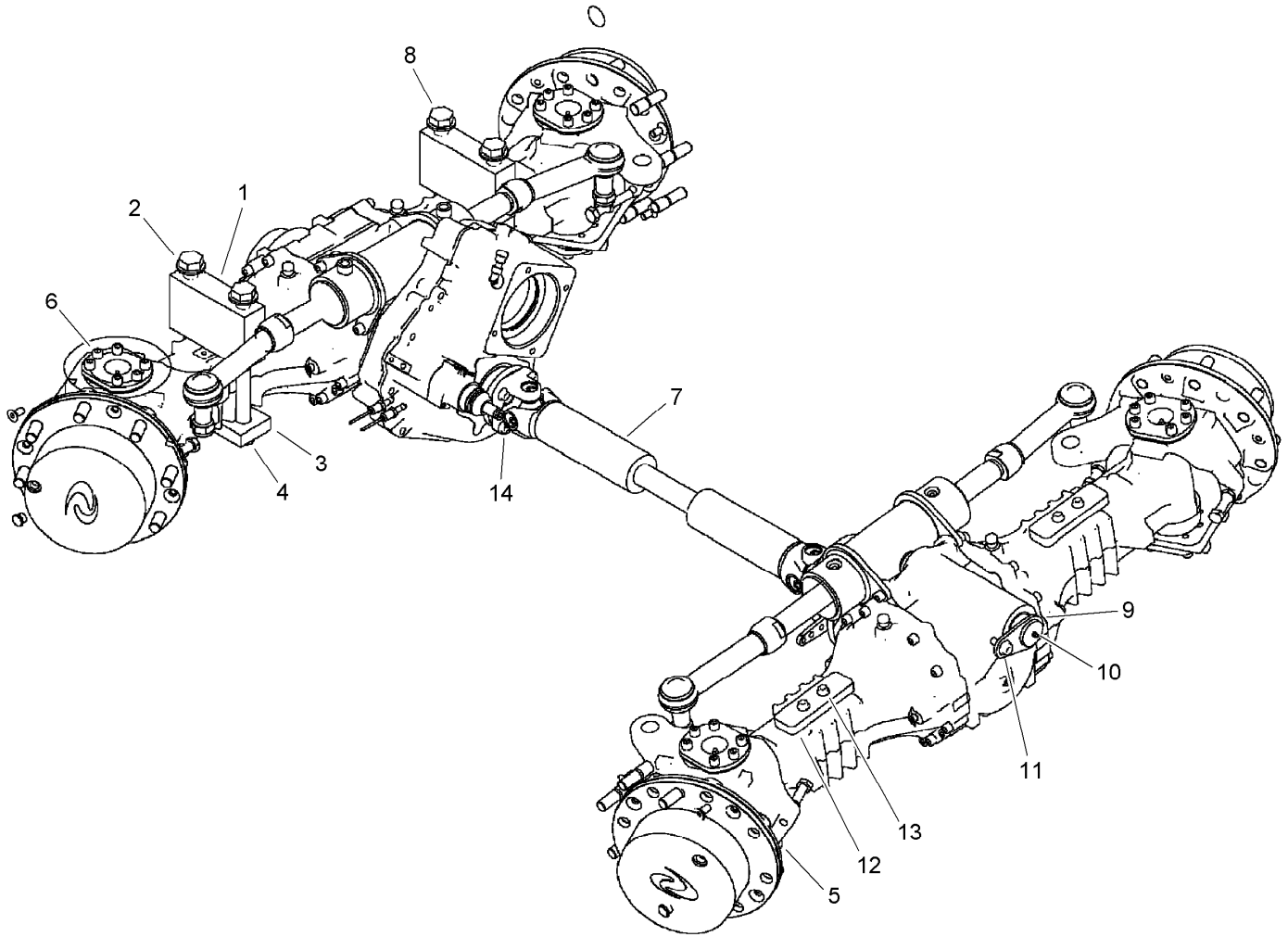
Priority Flow Divider Valve Assembly (continued)

<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>
	AUH672904	1	HYD Priority Flow Divider ASM ●	5	AUH436365	1	Spring-Spool
1	AUH436407	1	Body-Valve	6	AUH436408	1	Plug-Retaining, Spool Spring
2	AUH436366	1	Spool-Valve	7	AU237-6008	1	O-Ring
	AUH436367	1	Plug ASM ●		AUN7163	1	Cartridge-Valve, Relief ●
3		1	Plug-Spool End ■	8		1	Cartridge-Relief Valve ■
4	AU218-5006	1	O-Ring-41/64 ID X 3/32 Inch Wide	9	AU218-5006	1	O-Ring-41/64 ID X 3/32 Inch Wide

● Not illustrated

■ Not serviced separately

Power Train Assembly

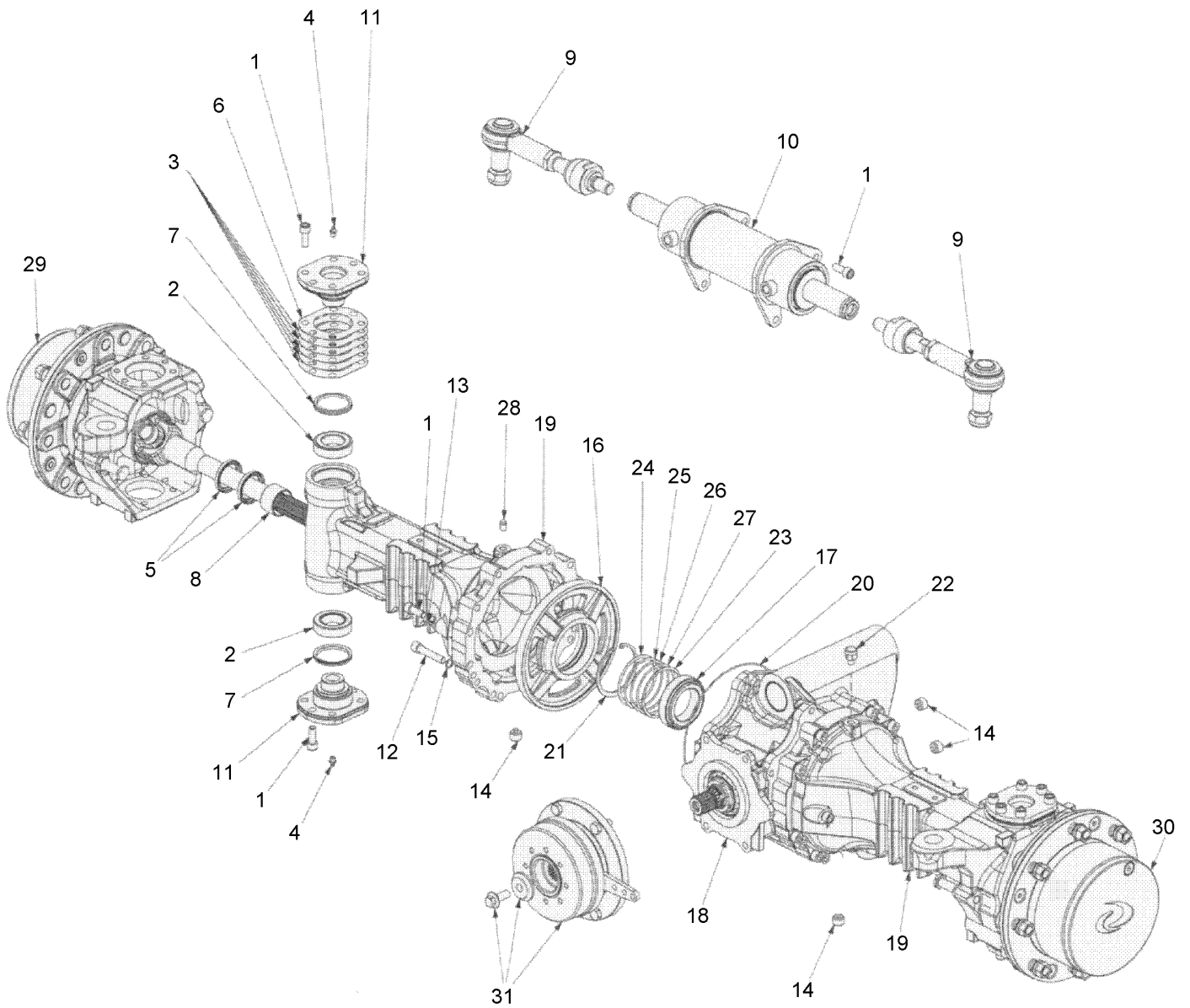


Power Train Assembly (continued)

<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>
	AU125327	1	ASM-Engine And Cooling ●	9	AU125429	1	Pin
1	AU125288	2	Spacer-Axle Mounting	10	AU219-8	1	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long
2	AUH426833	4	Washer	11	AU101477	1	Screw, Metric Flange W/Body-M12 X 30
3	AU125289	2	Bar-Clamp, Rear Axle Mtg	12	AU125432	2	Plate-Pivot Stop
4	AU426-16128	4	Bolt-Hex Hd 1 X 8 GR5 Znd	13	AU100878	4	Screw-HHF
5	AU124914	1	ASM-Axle, Front	14	AU100876	8	Screw-Flange
6	AU124920	1	Axle-Rear				
7	AU126653	1	Front Axle Drive Shaft ASM				
8	AU426-1640	4	Bolt				

● Not illustrated

Front Axle Steering Component Assembly No. 1



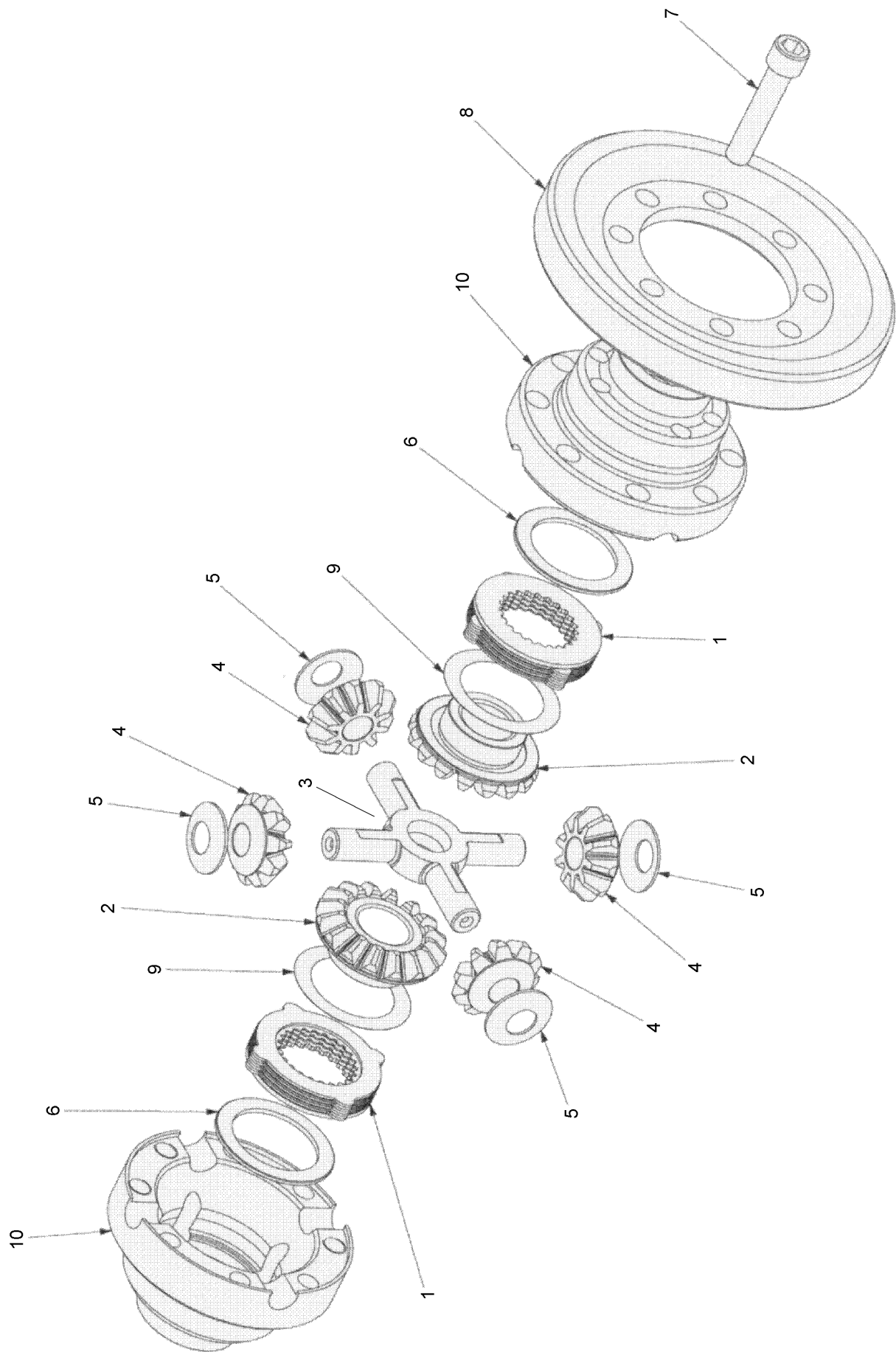
Front Axle Steering Component Assembly No. 1 (continued)

<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>
	AU124914	1	ASM-Axle, Front ●	15		24	Washer ■
1		32	Screw-Socket Head M12 X 30 ■	16		2	Flange-Differential ■
2		4	Joint-Ball ■	17		2	Bearing ■
3		10	Shim-Articulated, 0.2 ■	18		1	Pinion-R=4.11 ■
4		4	Joint-Lube ■	19		2	Housing-Side ■
5		4	Seal-Oil, 45 X 60 X 7 ■	20		2	O-Ring ■
6		2	Shim-Articulated, 0.1 ■	21		2	Ring-Snap ■
7		4	V-Ring ■	22		1	Plug-Oil Filter ■
8		2	Bushing ■	23		2	Shim-85.3 X 1.0 ■
9		2	Rod-Tie ■	24		2	Shim-82.4 X 94.7 X 0.2 ■
10		1	Cylinder-Steering ■	25		2	Shim-94.7 X 85.3 X 0.3 ■
11		4	Pin-Flagged ■	26		2	Shim-94.7 X 85.3 X 0.35 ■
12		24	Bolt-M12 X 60 ■	27		2	Shim-85.3 X 0.5 ■
13		4	Washer-Copper, 12.5 X 18 X 1.5 ■	28		1	Plug-1/4 ■
14		4	Plug-Magnetic, 1/2 ■	29		1	Group-Wheel Hub ■
				30		1	Group-Wheel Hub ■
				31		1	Group-Brake, 160 X 40 ■

● Not illustrated

■ Not serviced separately

Front Axle Steering Component Assembly No. 2



Front Axle Steering Component Assembly No. 2 (continued)

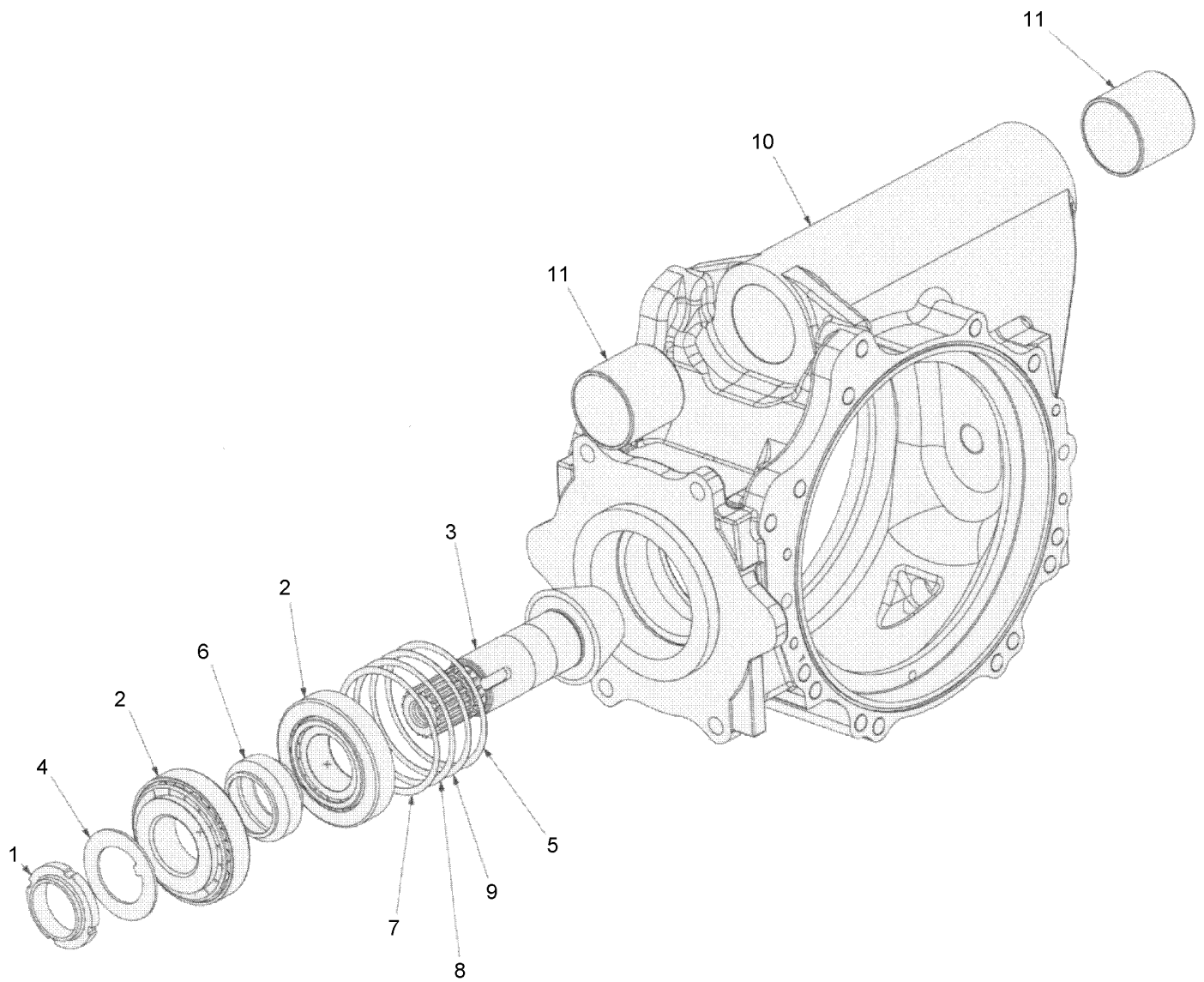
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU124914	1	ASM-Axle, Front ●
1		2	Package-Disk ■
2		2	Wheel-Crown ■
3		1	Gear-Spider ■
4		4	Pinion-Side ■
5		4	Shim-Side Pinion ■

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6		2	Washer-Pinion ■
7		8	Screw-Socket Head, 12.9, M14 X 70 ■
8		1	Crown-Bevel 4.11:1 ■
9		2	Shim-50.3 X 0.2 ■
10		1	Housing-Differential ■

● Not illustrated

■ Not serviced separately

Front Axle Steering Component Assembly No. 3



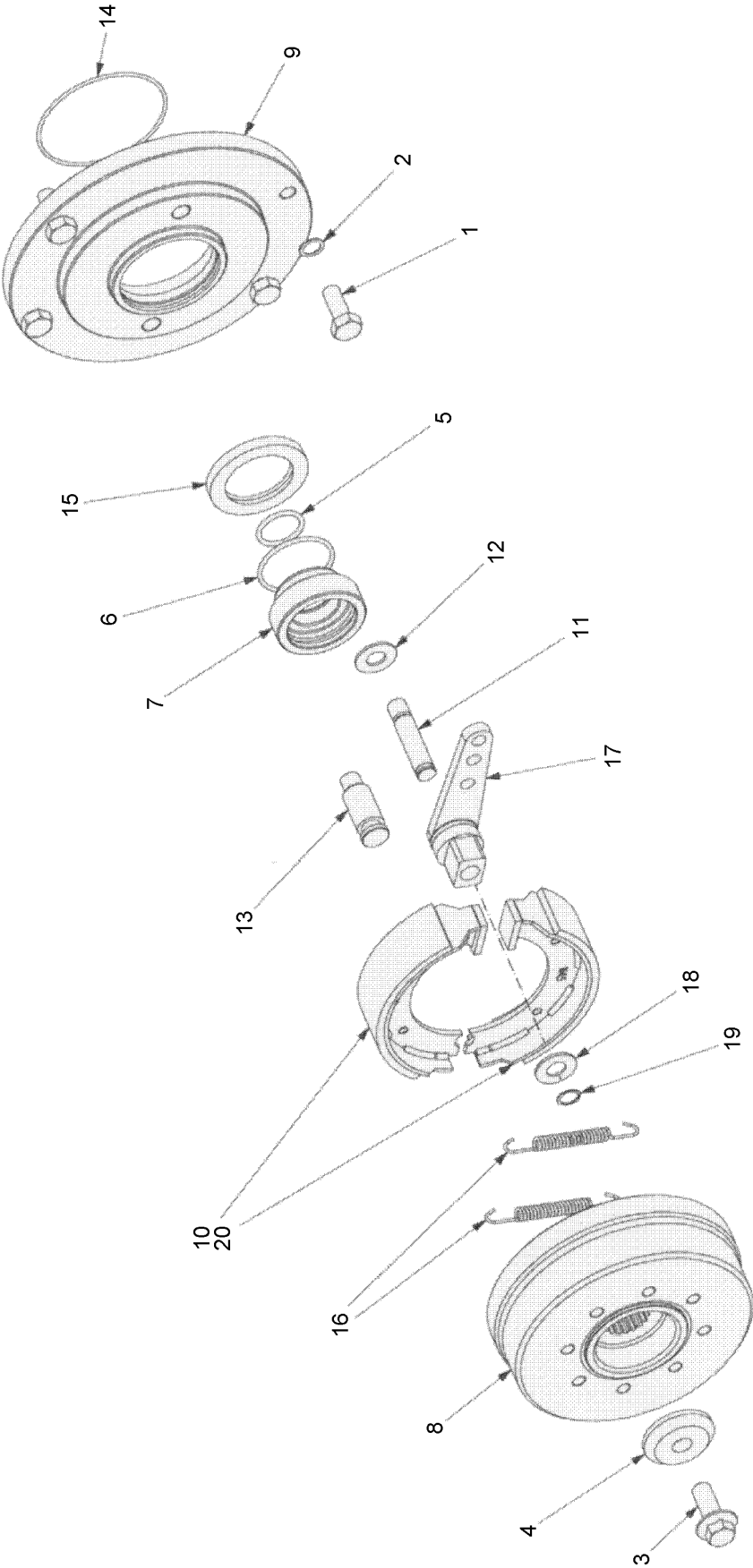
Front Axle Steering Component Assembly No. 3 (continued)

<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>
	AU124914	1	ASM-Axle, Front ●	7		1	Shim-80.3 X 89.7 X 0.35 ■
1		1	Nut-Lock, M40 X 1.5 ■	8		1	Shim-80.3 X 89.7 X 0.3 ■
2		2	Bearing-Roller, Taper ■	9		1	Shim-80.3 X 89.7 X 0.4 ■
3		1	Pinion-Bevel, 4.11 ■	10		1	Pivot-Upper, Central Housing ■
4		1	Washer-Anti-Rotation ■	11		2	Bushing-50 X 55 X 50 ■
5		1	Shim-80.3 X 89.7 X 0.5 ■				
6		1	Spacer-Deformable ■				

● Not illustrated

■ Not serviced separately

Front Axle Steering Component Assembly No. 4



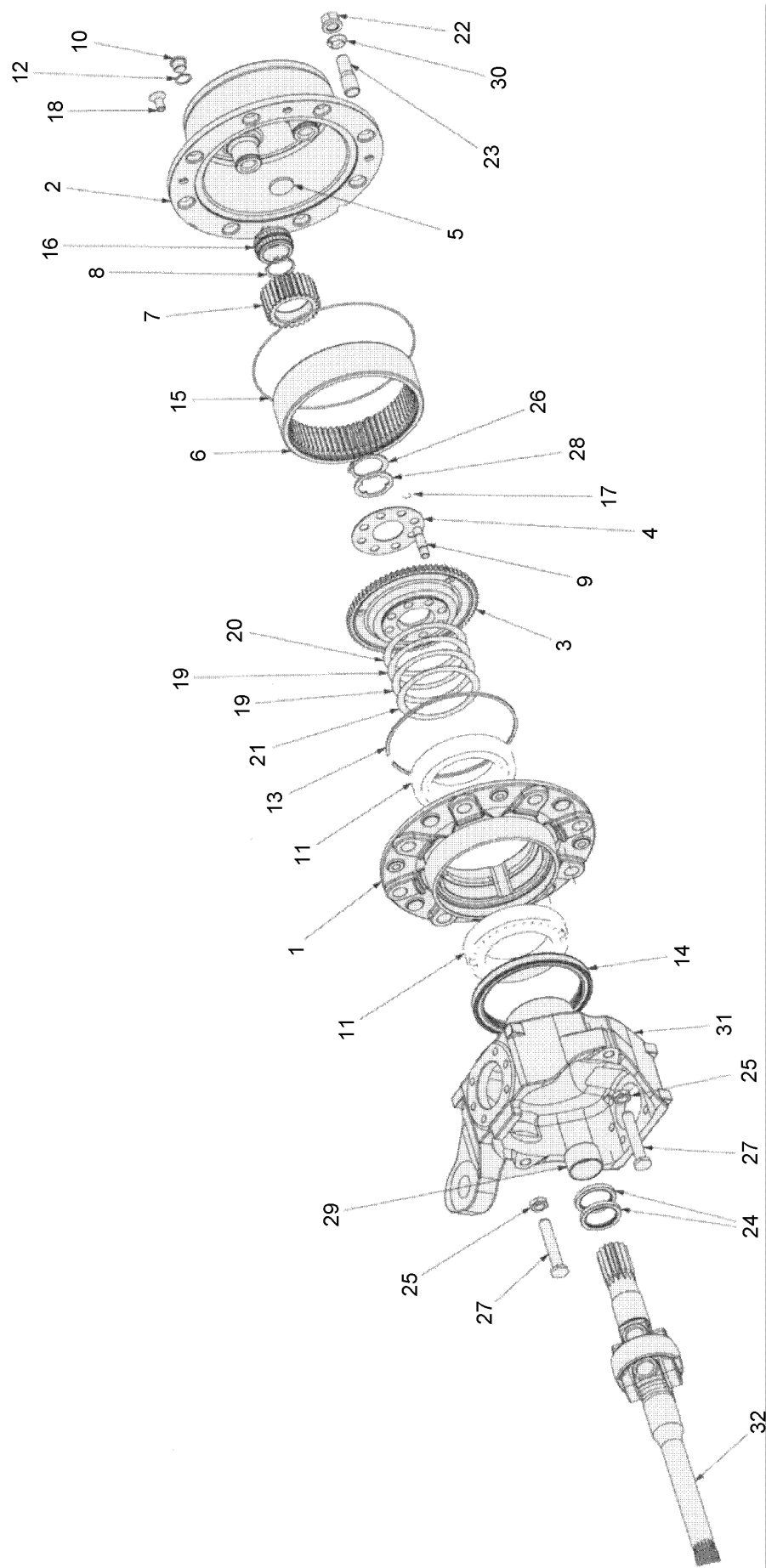
Front Axle Steering Component Assembly No. 4 (continued)

<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>
	AU124914	1	ASM-Axle, Front ●	10		1	Brake-160 X 40 ■
1		4	Screw-10.9, M12 X 30 ■	11		1	Pin ■
2		4	Washer ■	12		1	Washer-Axial ■
3		1	Screw-Flange Head, M14 X 35 ■	13		1	Pin ■
4		1	Washer-Pinion ■	14		1	O-Ring ■
5		1	O-Ring ■	15		1	Ring-50 X 72 X 8 ■
6		1	O-Ring-3.53 X 50.39 ■	16		2	Spring ■
7		1	Track-Oil Gasket ■	17		1	Lever-Brake ■
8		1	Drum-Brake ■	18		1	Washer-Split Lock, Brake ■
9		1	Flange-Brake, 160 X 40 ■	19		1	Ring-Retainer ■
				20		2	Shoe-Brake ■

● Not illustrated

■ Not serviced separately

Front Axle Steering Component Assembly No. 5



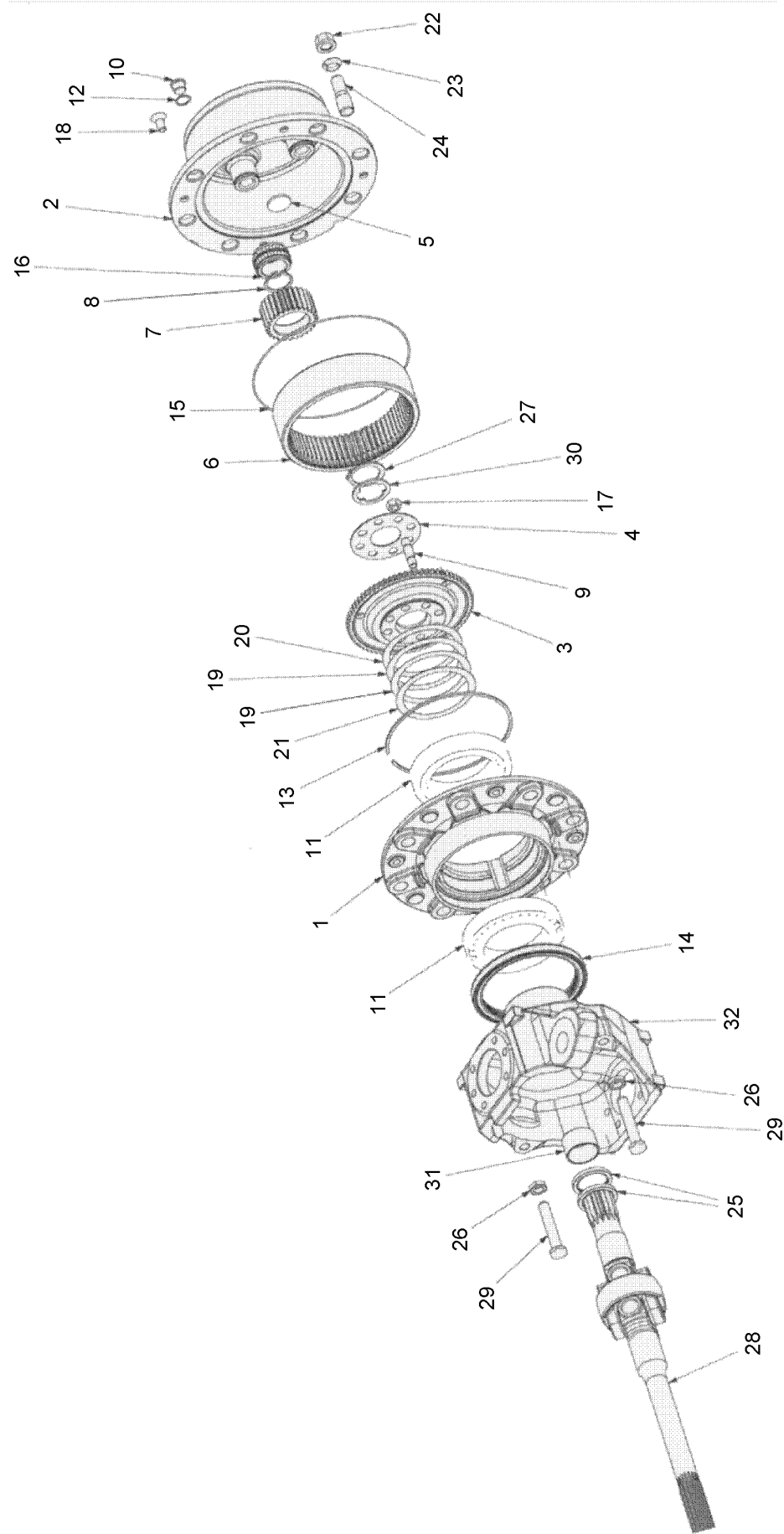
Front Axle Steering Component Assembly No. 5 (continued)

<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>
	AU124914	1	ASM-Axle, Front ●	17		8	Nut-M12 X 1.25 ■
1		1	Hub-Wheel ■	18		4	Screw-M12 X 25 ■
2		1	Hub-Planetary ■	19		2	Shim-99.8 X 122 X 0.2 ■
3		1	Flange-Crown ■	20		1	Shim-99.8 X 122 X 0.1 ■
4		1	Ring-Crown ■	21		1	Shim-99.8 X 122 X 0.35 ■
5		1	Shim-Crown Wheel ■	22		8	Nut-M18 X 1.5 ■
6		1	Wheel-Crown ■	23		8	Bolt-Stud, M22 X 18 X 45 ■
7		3	Gear-Planetary ■	24		2	Seal-Oil, 45 X 60 X 7 ■
8		3	Ring-Snap ■	25		2	Nut-M16 ■
9		8	Bolt-Stud, M12 X 41 ■	26		1	Ring-Snap ■
10		1	Cap-M18 X 1.5 ■	27		2	Screw-Steering, End ■
11		2	Bearing ■	28		1	Shim-Crown ■
12		1	Washer-Copper ■	29		1	Bushing ■
13		1	Ring-Internal Retaining ■	30		8	Washer-Elastic ■
14		1	Cassette-145 X 75 X 4.5 X 15.5 ■	31		1	Joint-LH, Articulated ■
15		1	O-Ring ■	32		1	Shaft-Cardan, l=1390 ■
16		3	Bearing-Roller, 38 X 54 X 29.5 ■				

● Not illustrated

■ Not serviced separately

Front Axle Steering Component Assembly No. 6



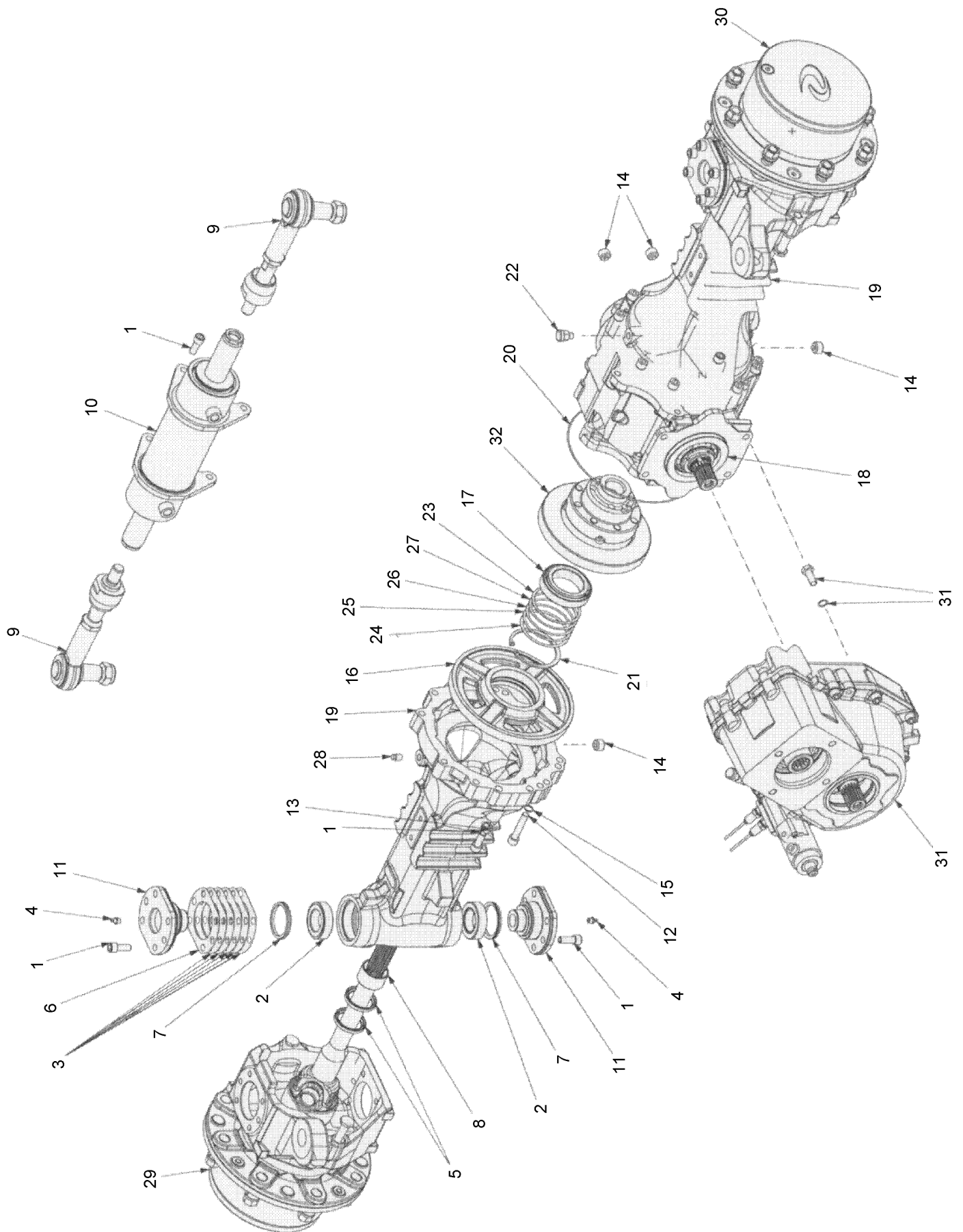
Front Axle Steering Component Assembly No. 6 (continued)

<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>
	AU124914	1	ASM-Axle, Front ●	17		8	Nut-M12 X 1.25 ■
1		1	Hub-Wheel ■	18		4	Screw-M12 X 25 ■
2		1	Hub-Planetary ■	19		2	Shim-99.8 X 122 X 0.2 ■
3		1	Flange-Crown ■	20		1	Shim-99.8 X 122 X 0.1 ■
4		1	Ring-Crown ■	21		1	Shim-99.8 X 122 X 0.35 ■
5		1	Shim-Crown Wheel ■	22		8	Nut-M18 X 1.5 ■
6		1	Wheel-Crown ■	23		8	Washer-Elastic ■
7		3	Gear-Planetary ■	24		8	Bolt-Stud, M22 X 18 X 45 ■
8		3	Ring-Snap ■	25		2	Seal-Oil, 45 X 60 X 7 ■
9		8	Bolt-Stud, M12 X 41 ■	26		2	Nut-M16 ■
10		1	Cap-M18 X 1.5 ■	27		1	Ring-Snap ■
11		2	Bearing ■	28		1	Shaft-Cardan, I=1390 ■
12		1	Washer-Copper ■	29		2	Screw-Steering, End ■
13		1	Ring-Internal Retaining ■	30		1	Shim-Crown ■
14		1	Cassette-145 X 75 X 4.5 X 15.5 ■	31		1	Bushing ■
15		1	O-Ring ■	32		1	Joint-LH, Articulated ■
16		3	Bearing-Roller, 38 X 54 X 29.5 ■				

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 1



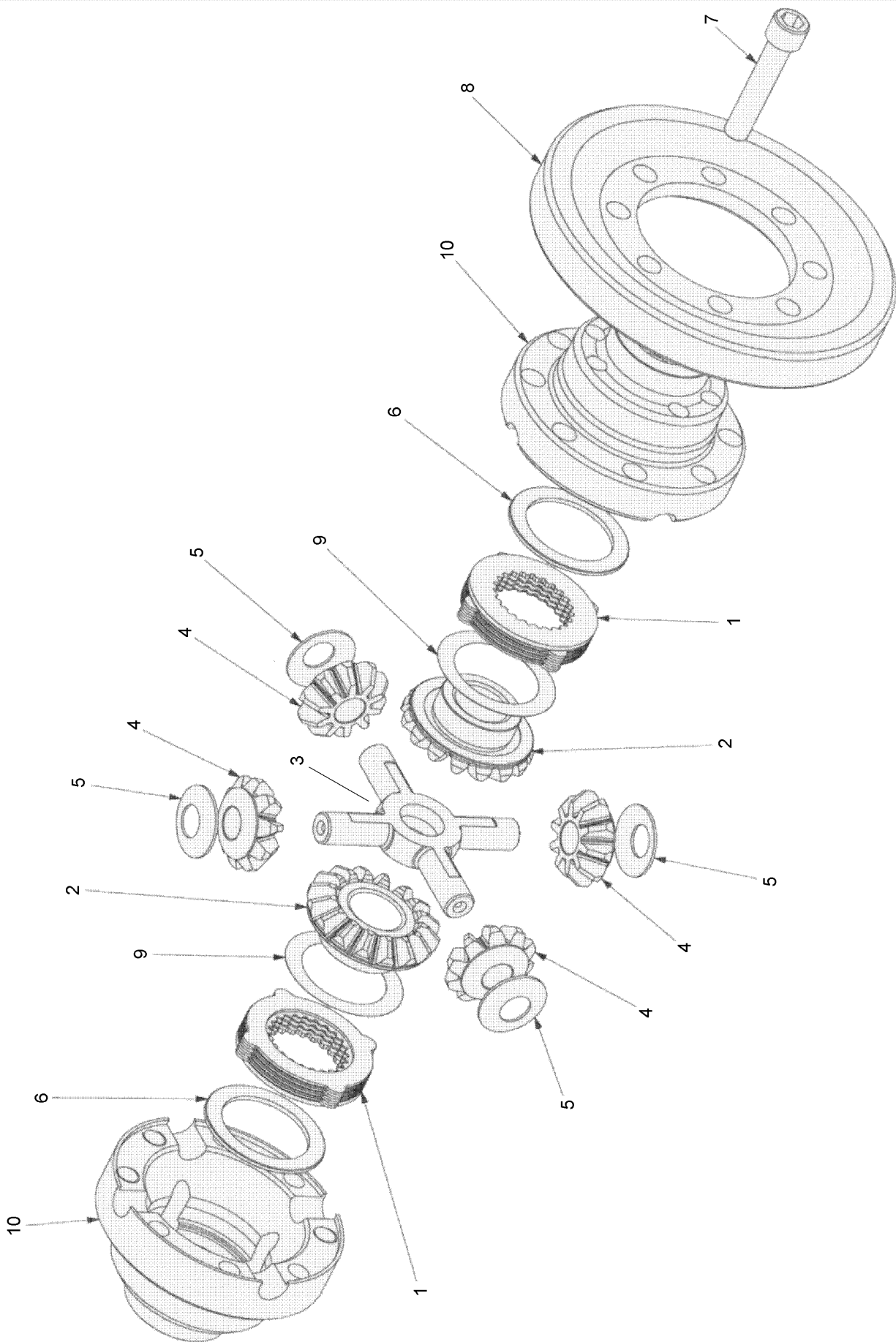
Rear Axle Steering Component Assembly No. 1 (continued)

<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>
	AU124920	1	Axle-Rear ●	16		2	Flange-Differential ■
1		32	Screw-Socket Head M12 X 30 ■	17		2	Bearing ■
2		4	Joint-Ball ■	18		1	Pinion-R=4.11 ■
3		10	Shim-Articulated, 0.2 ■	19		2	Housing-Side ■
4		4	Joint-Lube ■	20		2	O-Ring ■
5		4	Seal-Oil, 45 X 60 X 7 ■	21		2	Ring-Snap ■
6		2	Shim-Articulated, 0.1 ■	22		1	Plug-Oil Filter ■
7		4	V-Ring ■	23		2	Shim-85.3 X 1.0 ■
8		2	Bushing ■	24		2	Shim-82.4 X 94.7 X 0.2 ■
9		2	Rod-Tie ■	25		2	Shim-94.7 X 85.3 X 0.3 ■
10		1	Cylinder-Steering ■	26		2	Shim-94.7 X 85.3 X 0.35 ■
11		4	Pin-Flagged ■	27		2	Shim-85.3 X 0.5 ■
12		24	Bolt-M12 X 60 .24 ■	28		1	Plug-1/4 ■
13		4	Washer-Copper, 12.5 X 18 X 1.5 ■	29		1	Group-Wheel Hub ■
14		4	Plug-Magnetic, 1/2 ■	30		1	Group-Wheel Hub ■
15		24	Washer ■	31		1	Group-Gearbox ■
				32		1	Group-Differential ■

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 2



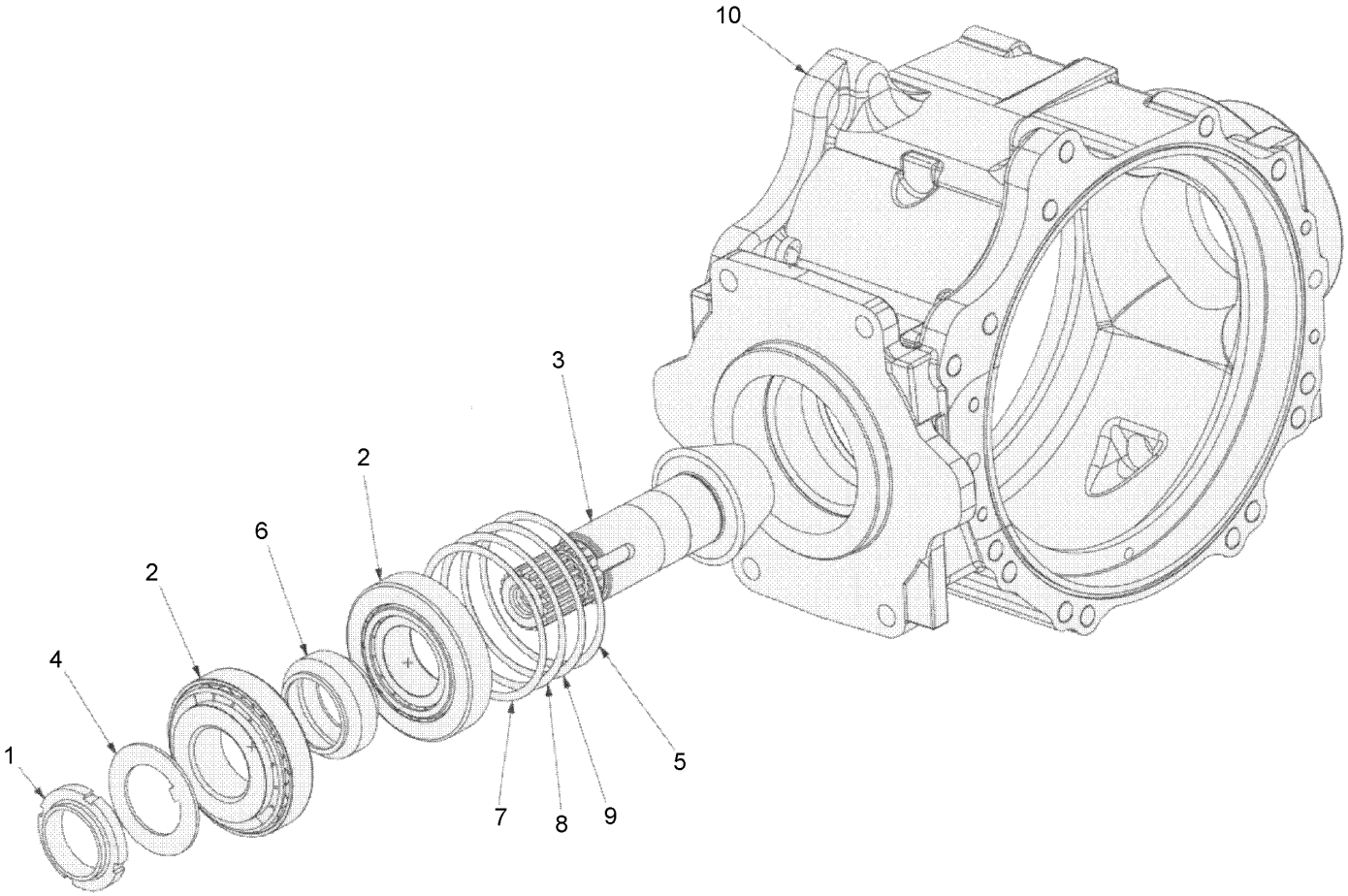
Rear Axle Steering Component Assembly No. 2 (continued)

<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>
	AU124920	1	Axle-Rear ●	6		2	Washer-Pinion ■
1		2	Package-Disk ■	7		8	Screw-Socket Head, 12.9, M14 X 70 ■
2		2	Wheel-Crown ■	8		1	Crown-Bevel 4.11:1 ■
3		1	Gear-Spider ■	9		2	Shim-50.3 X 0.2 ■
4		4	Pinion-Side ■	10		1	Housing-Differential ■
5		4	Shim-Side Pinion ■				

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 3



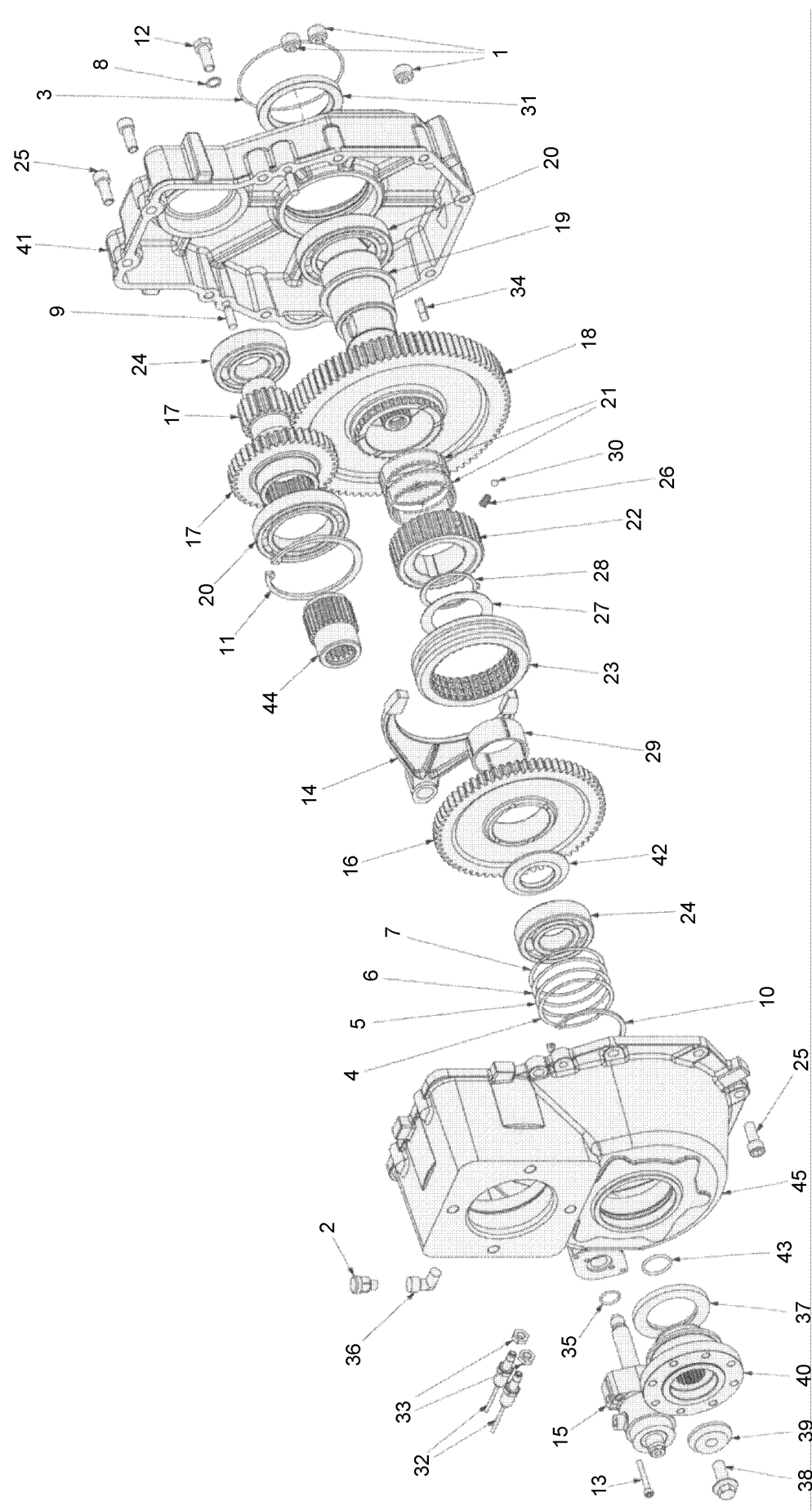
Rear Axle Steering Component Assembly No. 3 (continued)

<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>
	AU124920	1	Axle-Rear ●	6		1	Spacer-Deformable ■
1		1	Nut-Lock, M40 X 1.5 ■	7		1	Shim-80.3 X 89.7 X 0.35 ■
2		2	Bearing-Roller, Taper ■	8		1	Shim-80.3 X 89.7 X 0.3 ■
3		1	Pinion-Bevel, 4.11 ■	9		1	Shim-80.3 X 89.7 X 0.4 ■
4		1	Washer-Anti-Rotation ■	10		1	Housing-Central ■
5		1	Shim-80.3 X 89.7 X 0.5 ■				

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 4



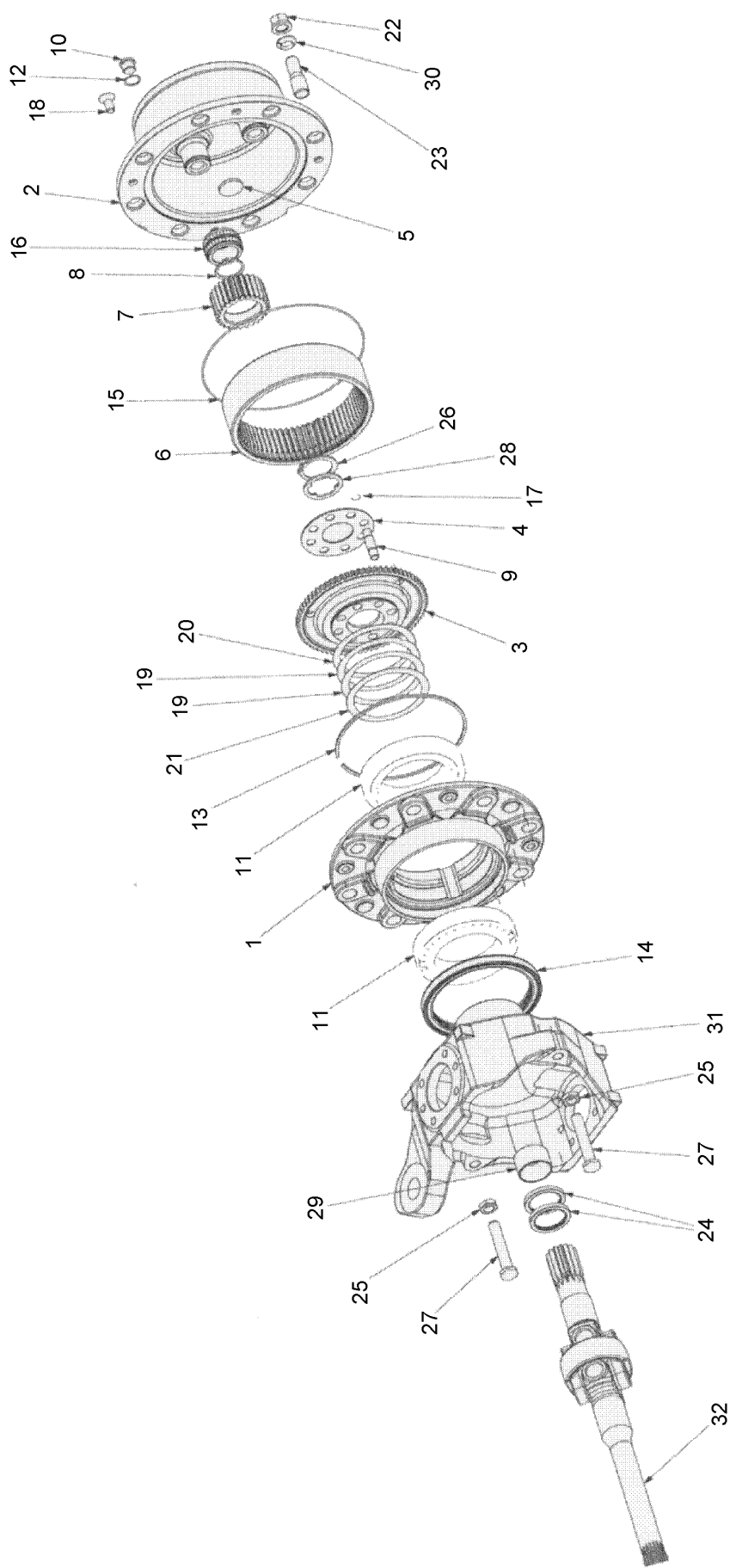
Rear Axle Steering Component Assembly No. 4 (continued)

<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>
	AU124920	1	Axle-Rear ●	24		2	Bearing ■
1		3	Plug-Magnetic, 1/2 ■	25		10	Screw-Socket Head, M12 X 30 ■
2		1	Plug-Oil Filler, 1/4 ■	26		3	Spring-Selector ■
3		1	O-Ring ■	27		1	Shim ■
4		1	Shim-80.3 X 89.7 X 0.35 ■	28		1	Ring-Snap ■
5		1	Shim-80.3 X 89.7 X 0.5 ■	29		1	Bearing-Needle ■
6		1	Shim-80.3 X 89.7 X 0.4 ■	30		3	Sphere-5/16 (Gear Selection) ■
7		1	Shim-80.3 X 89.7 X 0.3 ■	31		1	Seal-Oil, 70 X 100 X 10 ■
8		4	Washer ■	32		2	Sensor-Gear Selector ■
9		2	Pin-Parallel, 10 X 30 ■	33		2	Nut-M10 X 1 ■
10		1	Ring-Internal Retaining ■	34		3	Key-12 X 8 X 30 ■
11		1	Ring-Snap ■	35		1	O-Ring ■
12		4	Screw-M12 X 30 ■	36		1	Elbow-90 Deg ■
13		2	Screw-Socket Head, M6 X 45 ■	37		1	Seal-Oil, 60 X 90 X 8 ■
14		1	Fork-Gearbox ■	38		1	Screw-Flange Head, M14 X 35 ■
15		1	Cylinder-Gearbox ■	39		1	Washer-Pinion ■
16		1	Gear-Drive, 2Nd Run ■	40		1	Flange-PTO ■
17		1	Gear-Drive ■	41		1	Housing-Gear ■
18		1	Gear-Drive, 1St Run ■	42		1	Shim-Gear ■
19		1	Shaft-Drive ■	43		1	O-Ring ■
20		2	Bearing-Ball ■	44		1	Sleeve-Motor ■
21		2	Cage-Needle Bearing ■	45		1	Cover-Gear ■
22		1	Hub-Selector ■				
23		1	Collar-Shift ■				

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 5



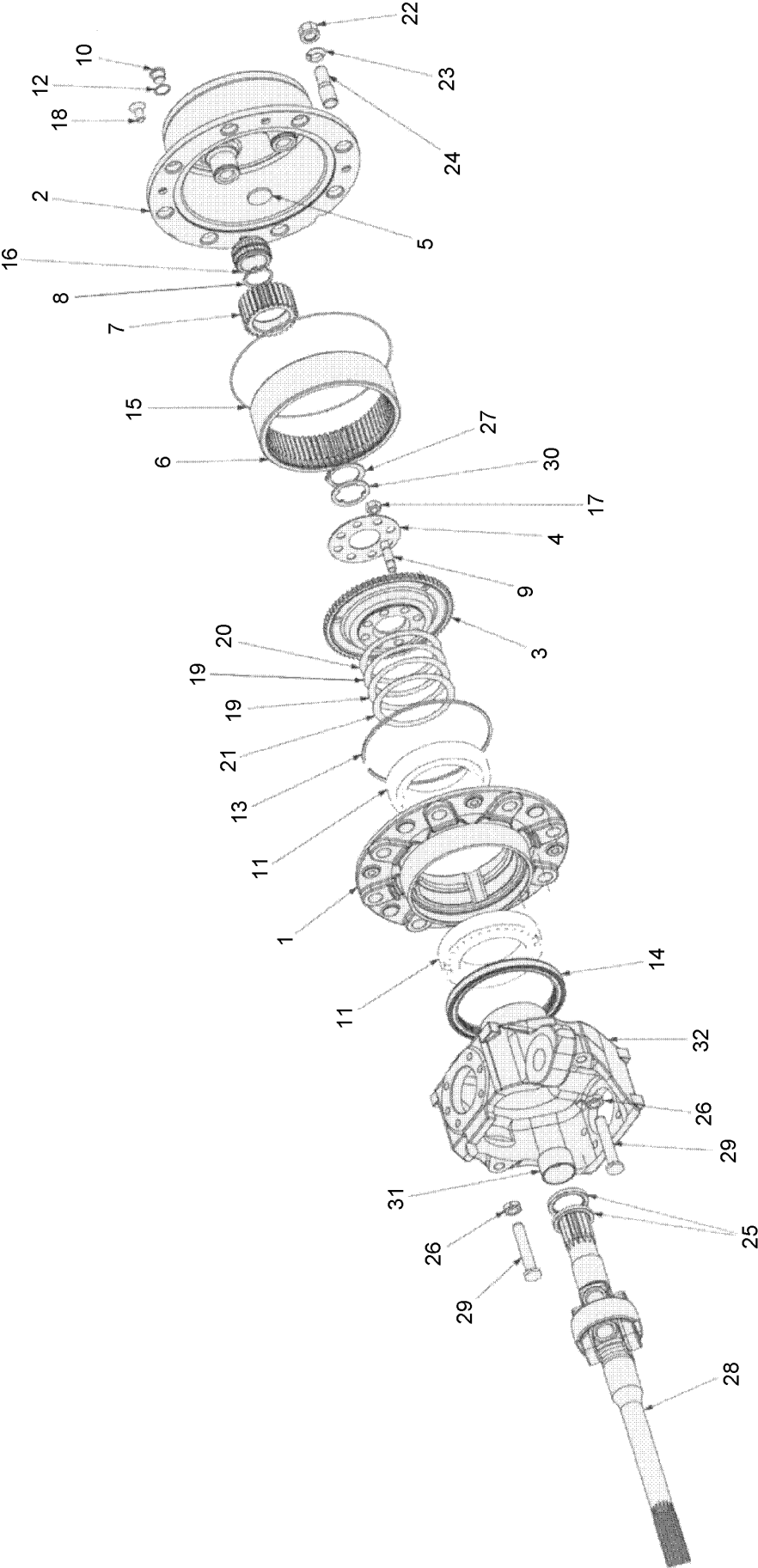
Rear Axle Steering Component Assembly No. 5 (continued)

<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>
	AU124920	1	Axle-Rear ●	17		8	Nut-M12 X 1.25 ■
1		1	Hub-Wheel ■	18		4	Screw-M12 X 25 ■
2		1	Hub-Planetary ■	19		2	Shim-99.8 X 122 X 0.2 ■
3		1	Flange-Crown ■	20		1	Shim-99.8 X 122 X 0.1 ■
4		1	Ring-Crown ■	21		1	Shim-99.8 X 122 X 0.35 ■
5		1	Shim-Crown Wheel ■	22		8	Nut-M18 X 1.5 ■
6		1	Wheel-Crown ■	23		8	Bolt-Stud, M22 X 18 X 45 ■
7		3	Gear-Planetary ■	24		2	Seal-Oil, 45 X 60 X 7 ■
8		3	Ring-Snap ■	25		2	Nut-M16 ■
9		8	Bolt-Stud, M12 X 41 ■	26		1	Ring-Snap ■
10		1	Cap-M18 X 1.5 ■	27		2	Screw-Steering, End ■
11		2	Bearing ■	28		1	Shim-Crown ■
12		1	Washer-Copper ■	29		1	Bushing ■
13		1	Ring-Internal Retaining ■	30		8	Washer-Elastic ■
14		1	Cassette-145 X 75 X 4.5 X 15.5 ■	31		1	Joint-LH, Articulated ■
15		1	O-Ring ■	32		1	Shaft-Cardan, l=1390 ■
16		3	Bearing-Roller, 38 X 54 X 29.5 ■				

● Not illustrated

■ Not serviced separately

Rear Axle Steering Component Assembly No. 6



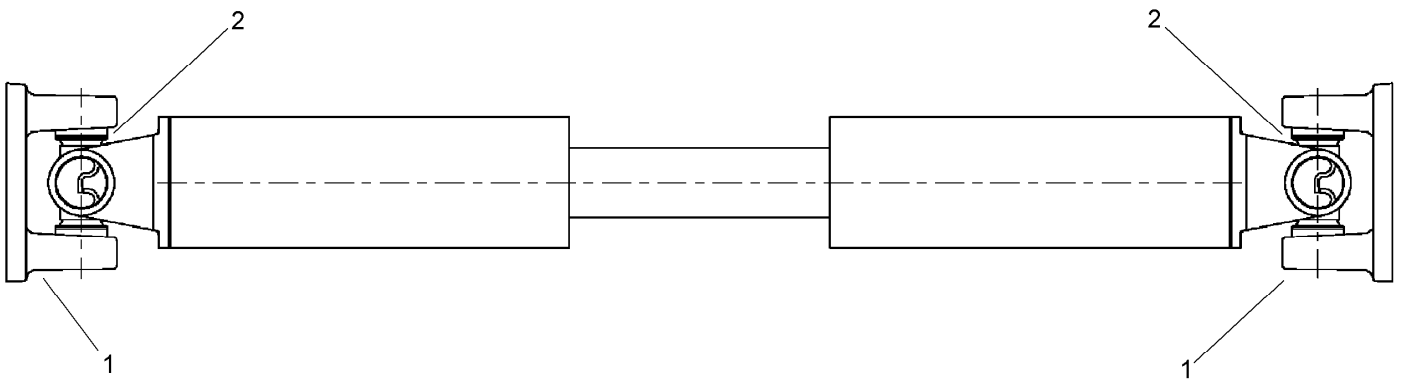
Rear Axle Steering Component Assembly No. 6 (continued)

<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>
	AU124920	1	Axle-Rear ●	17		8	Nut-M12 X 1.25 ■
1		1	Hub-Wheel ■	18		4	Screw-M12 X 25 ■
2		1	Hub-Planetary ■	19		2	Shim-99.8 X 122 X 0.2 ■
3		1	Flange-Crown ■	20		1	Shim-99.8 X 122 X 0.1 ■
4		1	Ring-Crown ■	21		1	Shim-99.8 X 122 X 0.35 ■
5		1	Shim-Crown Wheel ■	22		8	Nut-M18 X 1.5 ■
6		1	Wheel-Crown ■	23		8	Washer-Elastic ■
7		3	Gear-Planetary ■	24		8	Bolt-Stud, M22 X 18 X 45 ■
8		3	Ring-Snap ■	25		2	Seal-Oil, 45 X 60 X 7 ■
9		8	Bolt-Stud, M12 X 41 ■	26		2	Nut-M16 ■
10		1	Cap-M18 X 1.5 ■	27		1	Ring-Snap ■
11		2	Bearing ■	28		1	Shaft-Cardan, l=1390 ■
12		1	Washer-Copper ■	29		2	Screw-Steering, End ■
13		1	Ring-Internal Retaining ■	30		1	Shim-Crown ■
14		1	Cassette-145 X 75 X 4.5 X 15.5 ■	31		1	Bushing ■
15		1	O-Ring ■	32		1	Joint-LH, Articulated ■
16		3	Bearing-Roller, 38 X 54 X 29.5 ■				

● Not illustrated

■ Not serviced separately

Front Axle Driveshaft Assembly

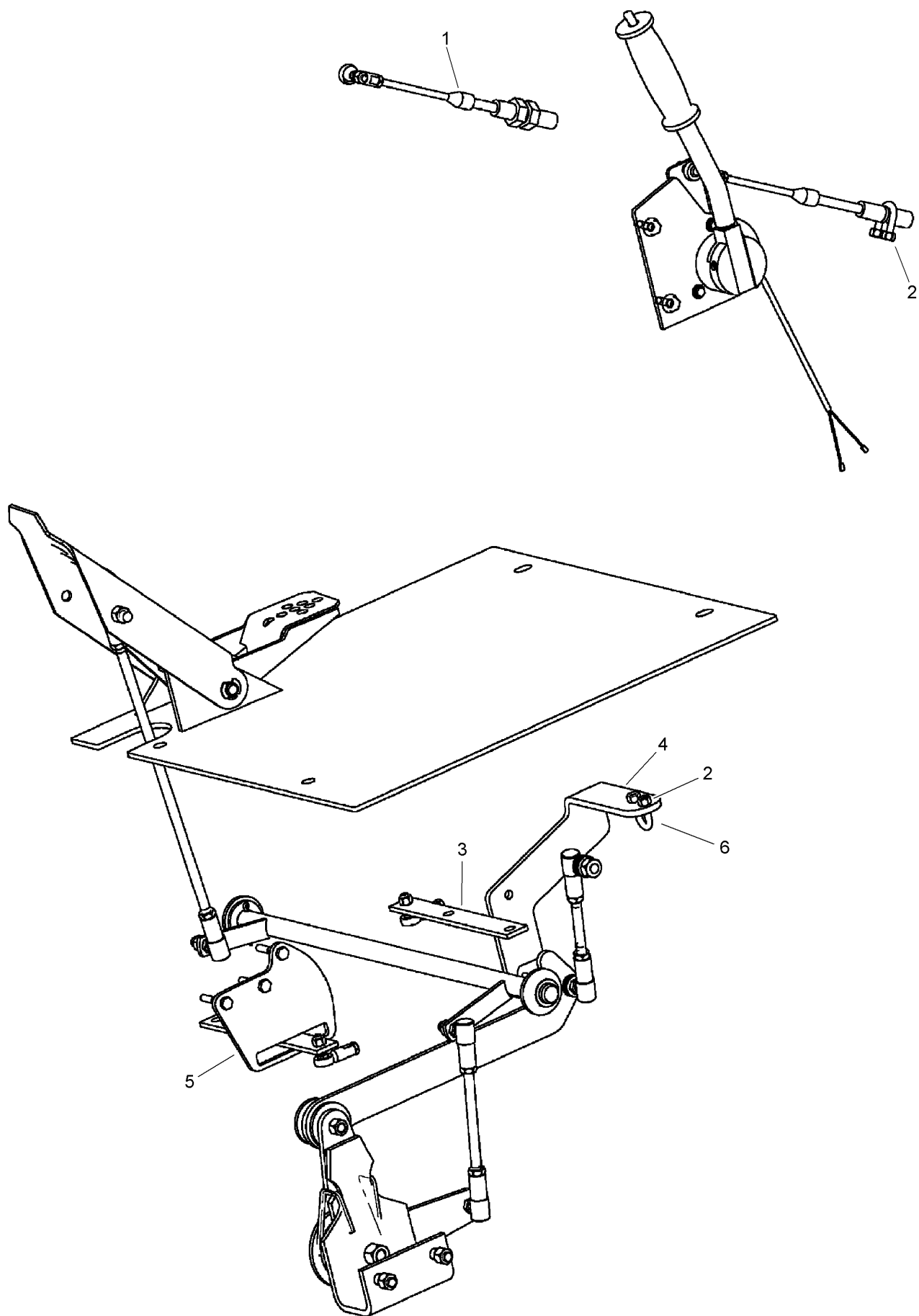


Front Axle Driveshaft Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU126653	1	Front Axle Drive Shaft ASM ●
1	AU106124	2	Flange-Connection
2	AU106122	2	Joint-Universal

● Not illustrated

Ground Drive Control Assembly No. 1

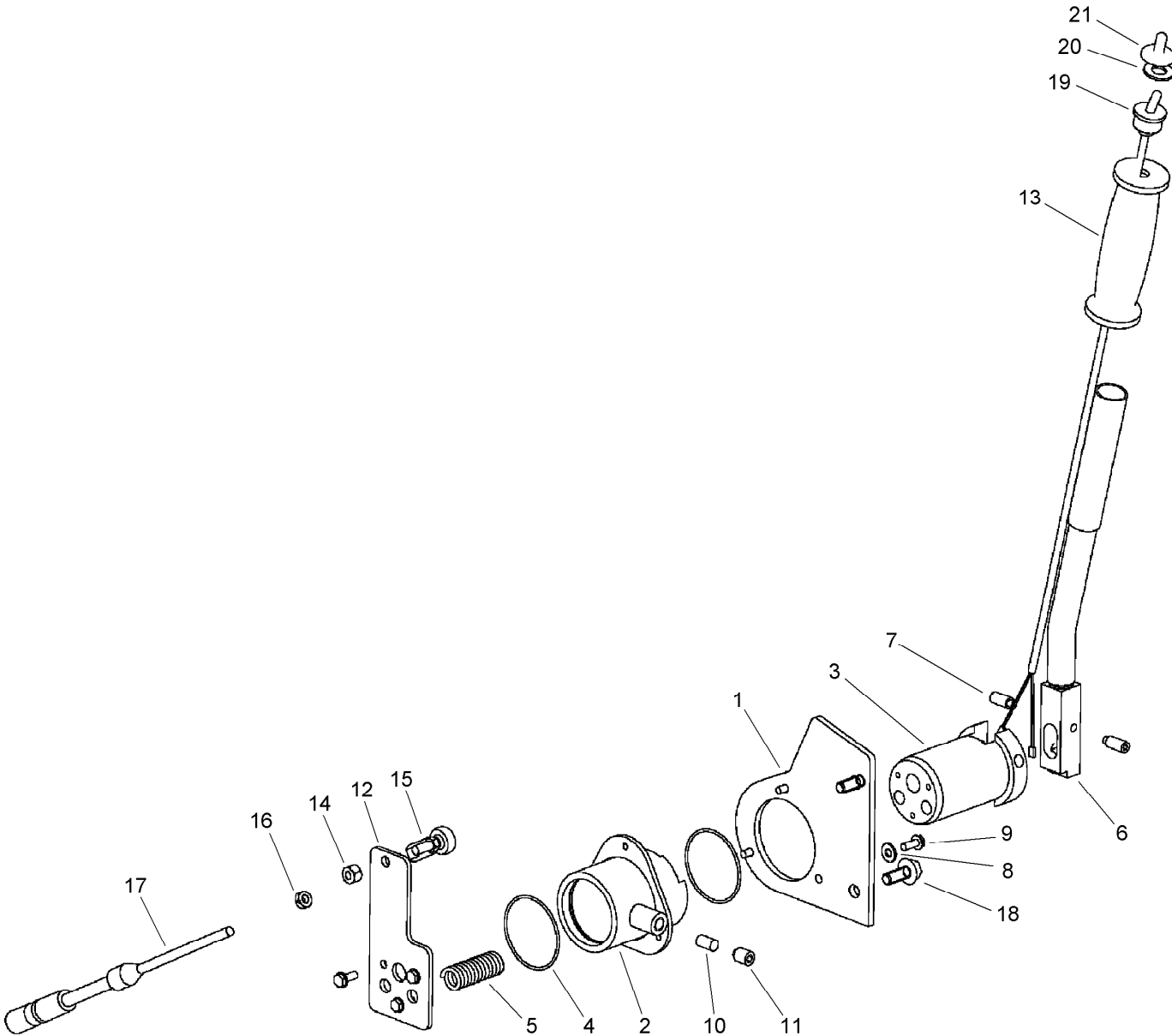


Ground Drive Control Assembly No. 1 (continued)

<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>
	AU125308	1	ASM-Ground Drive Control ●	3	AUH437601	2	Lever-Pump Control
1	AU102691A1	1	Ground Drive Control Cable ASM	4	AU125908	1	Plate-Mount
2	AU232-4114	4	Nut-Prev Trq 1/4 Grc Phc Direct	5	AU126576	1	Stop-Pump Lever
				6	AUH166421	2	Bolt-U

● Not illustrated

Ground Drive Control Assembly No. 2

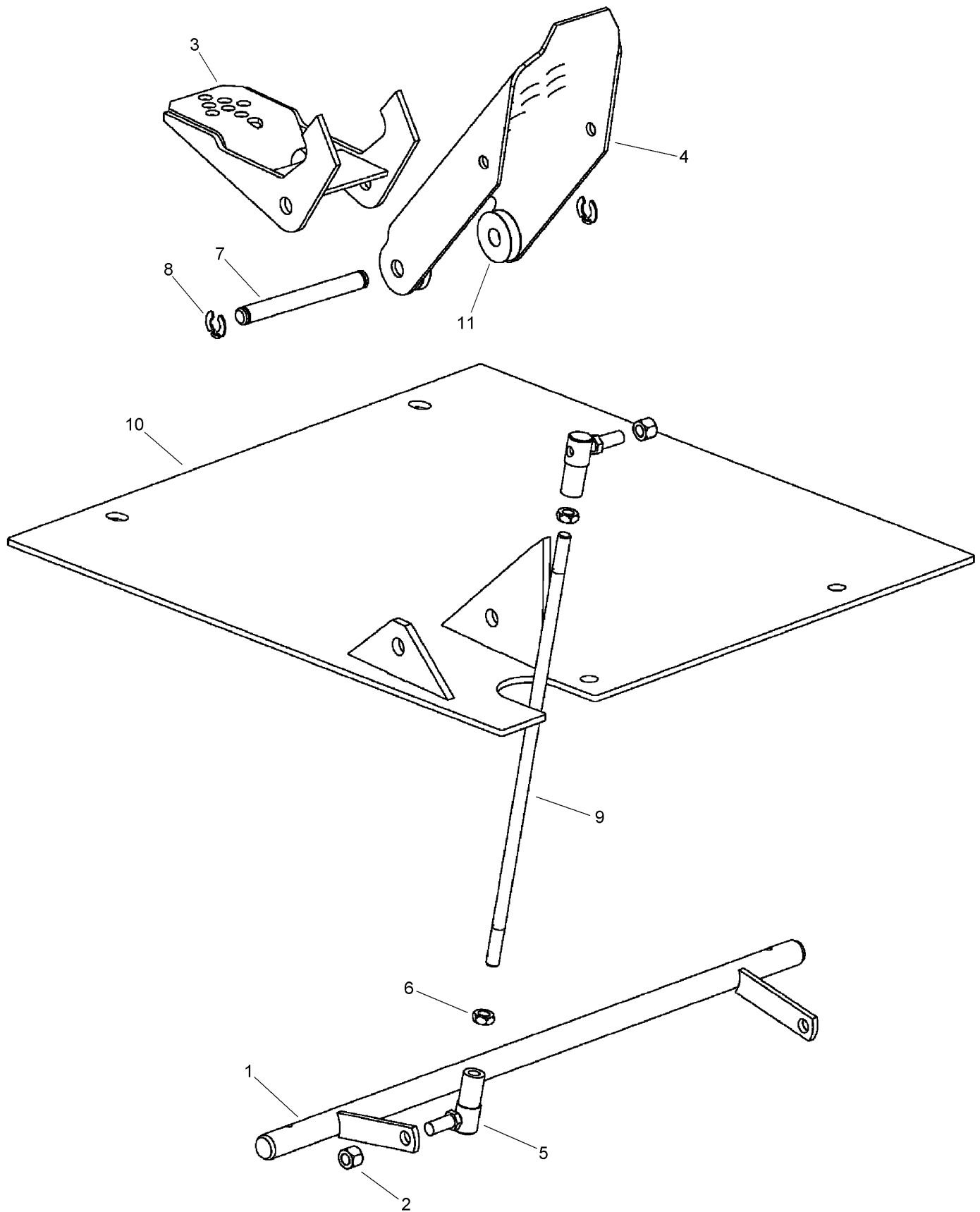


Ground Drive Control Assembly No. 2 (continued)

<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>
	AU125308	1	ASM-Ground Drive Control ●	13	AUD128268	1	Grip-Handle
1	AU125349	1	Plate-Gusset	14	AU230-4114	1	Nut-Prev Trq 1/4 Gra Cad Direct
2	AUH674569	1	Mount	15	AUH358374	1	Rod End-Female
3	AU136779A1	1	Shaft	16	AU425-154	1	Nut-Hex Jam 0.250-28 Unf GR5 Znd
4	AUS5625	2	O-Ring	17	AU102691A1	1	Ground Drive Control Cable ASM
5	AUH438122	1	Spring-Locking	18	AU100872	2	Screw, Metric Flange W/Body - M8 X 20
6	AU125311	1	Handle	19	AUH675066	1	On/Off Toggle Switch ASM
7	AUH438152	2	Screw-Set	20	AU495-11041	1	Washer-0.406 X 0.812 X 0.065 In Cst Znd
8	AU495-31022	3	Washer-0.219 X 0.500 X 0.049 In Cst Znd	21	AU116400A1	1	Boot-Switch, Toggle
9	AUH438153	6	Screw-Hex Flange Hd				
10	AUH438119	1	Plug-Friction				
11	AUH438151	1	Screw-HSH				
12	AU125310	1	Plate-Control				

● Not illustrated

Ground Drive Control Assembly No. 3

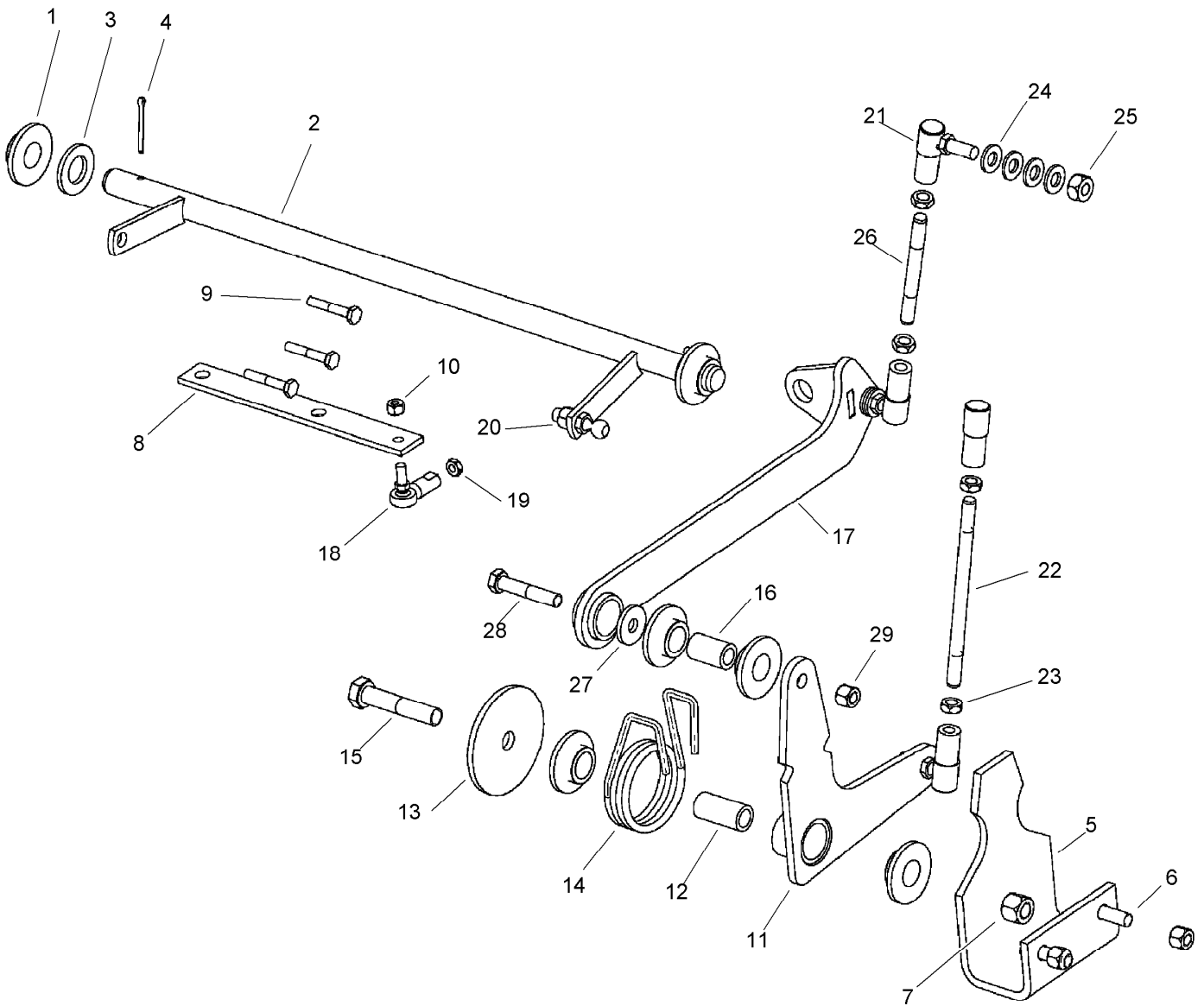


Ground Drive Control Assembly No. 3 (continued)

<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>
	AU125308	1	ASM-Ground Drive Control ●	6	AU425-156	2	Nut-Jam, Hex
1	AU125307	1	Weldment-Control Shaft	7	AU107156A1	1	Pin-Pedal
2	AU232-4616	2	Nut-Hex	8	AUD143415	2	Ring-Klip 1/2 Inch
3	AU107153A1	1	Pedal-Heel	9	AU125321	1	Rod-Control
4	AU107152A1	1	Pdeal-Toe	10	AU125532	1	Weldment-Floor Plate
5	AUD38296	2	Joint-Ball	11	AU126572	4	Washer

● Not illustrated

Ground Drive Control Assembly No. 4

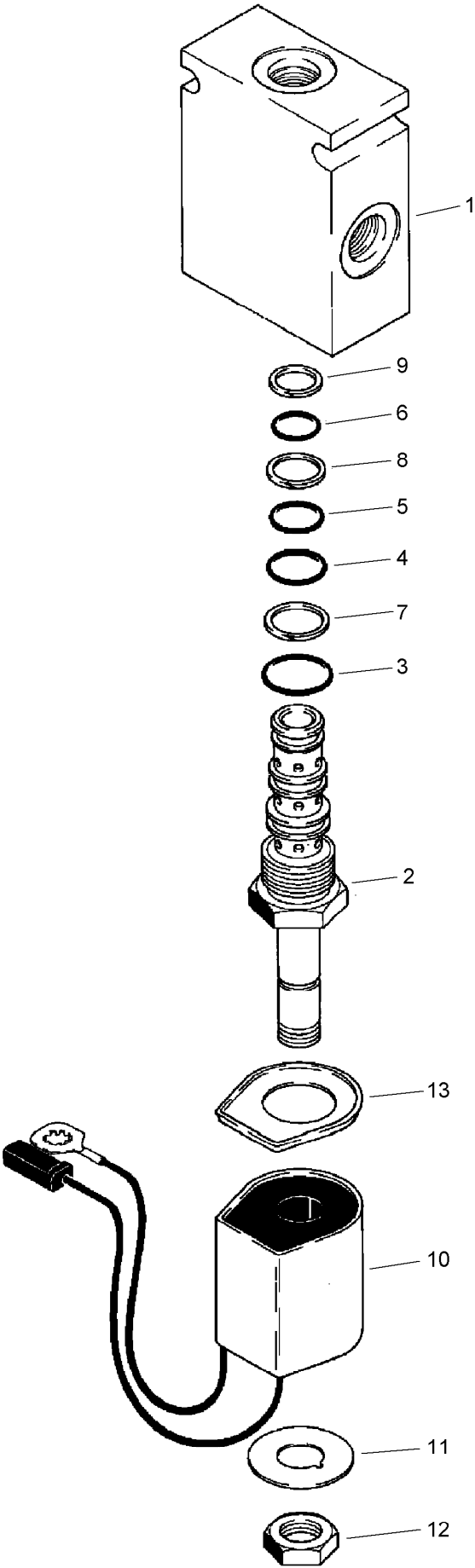


Ground Drive Control Assembly No. 4 (continued)

<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>
	AU125308	1	ASM-Ground Drive Control ●	16	AUH439075	1	Spacer-Pivot, Bellcrank
1	AUD128616	6	Bushing-Insert, Plastic	17	AU125318	1	Link-Mounting, Cable
2	AU125307	1	Weldment-Control Shaft	18	AUH358374	1	Rod End-Female
3	AU495-11081	2	Washer-Flat	19	AU425-154	1	Nut-Hex Jam 0.250-28 Unf GR5 Znd
4	AU432-820	2	Pin-Cotter, 1/8 X 1-1/4 In Zn	20	AU232-4616	3	Nut-Hex
5	AU106411A1	1	Channel-Bellcrank Mounting	21	AUD38296	4	Joint-Ball
6	AU426-620	2	Bolt	22	AU125576	1	Rod-Linkage
7	AU232-4118	1	Nut-Hex	23	AU425-156	4	Nut-Jam, Hex
8	AUH437601	1	Lever-Pump Control	24	AU496-21041	7	Washer-Flat
9	AU326-424	3	Screw-HH	25	AU25-176	1	Nut-Hex Hvy 3/8-24 Unf GR5 Pln
10	AU230-4114	1	Nut-Prev Trq 1/4 Gra Cad Direct	26	AUH436588	1	Rod-Linkage
11	AU125320	1	Pivot-Bellcrank	27	AU496-41041	1	Washer
12	AUH435694	1	Spacer	28	AU426-632	1	Bolt-Hex Hd 3/8 X 2 GR5 Znd
13	AUH436215	1	Washer-Special	29	AU232-4116	3	Nut-Hex
14	AUH436303	1	Spring				
15	AU426-840	1	Screw-HH				

● Not illustrated

Solenoid Valve Assembly



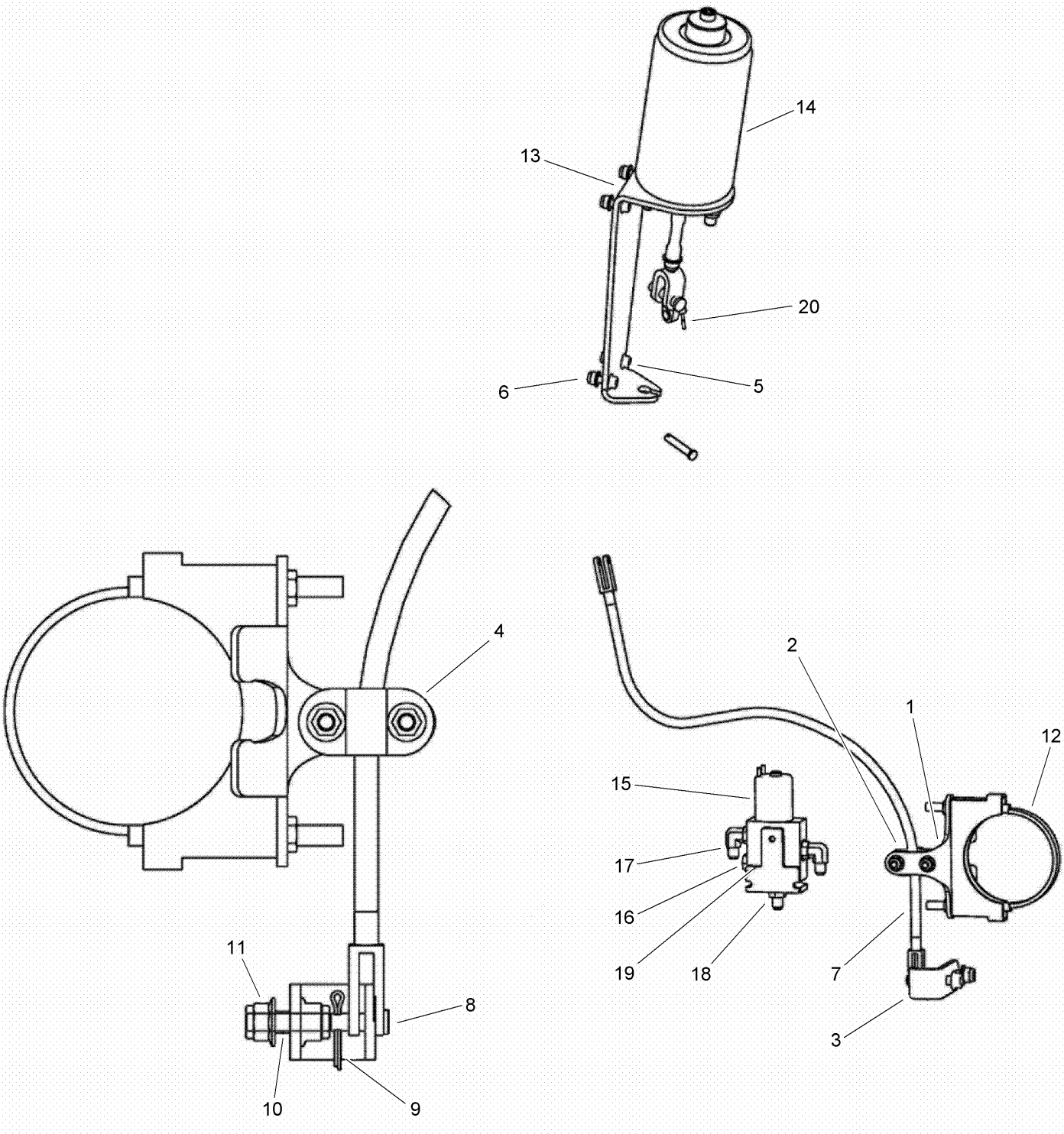
Solenoid Valve Assembly (continued)

<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>
	AU187505C91	1	Solenoid Valve ASM ●	7		1	Ring-Backup, O-Ring ■
1	AU187851C1	1	Body	8		1	Ring-Backup, O-Ring ■
2	AU187849C1	1	Valve	9		1	Ring-Backup, O-Ring ■
	AU187850C1	1	Kit ●		AU187852C1	1	Kit-Solenoid Coil ●
3		1	O-Ring-Valve ■	10		1	Housing-With Coil, Valve ■
4		1	O-Ring-Valve ■	11		1	Plate-Coil ■
5		1	O-Ring-Valve ■	12		1	Nut-Hex, Housing ■
6		1	O-Ring-Valve ■	13		1	Plate-Cover, Housing ■

● Not illustrated

■ Not serviced separately

Emergency Parking Brake Assembly



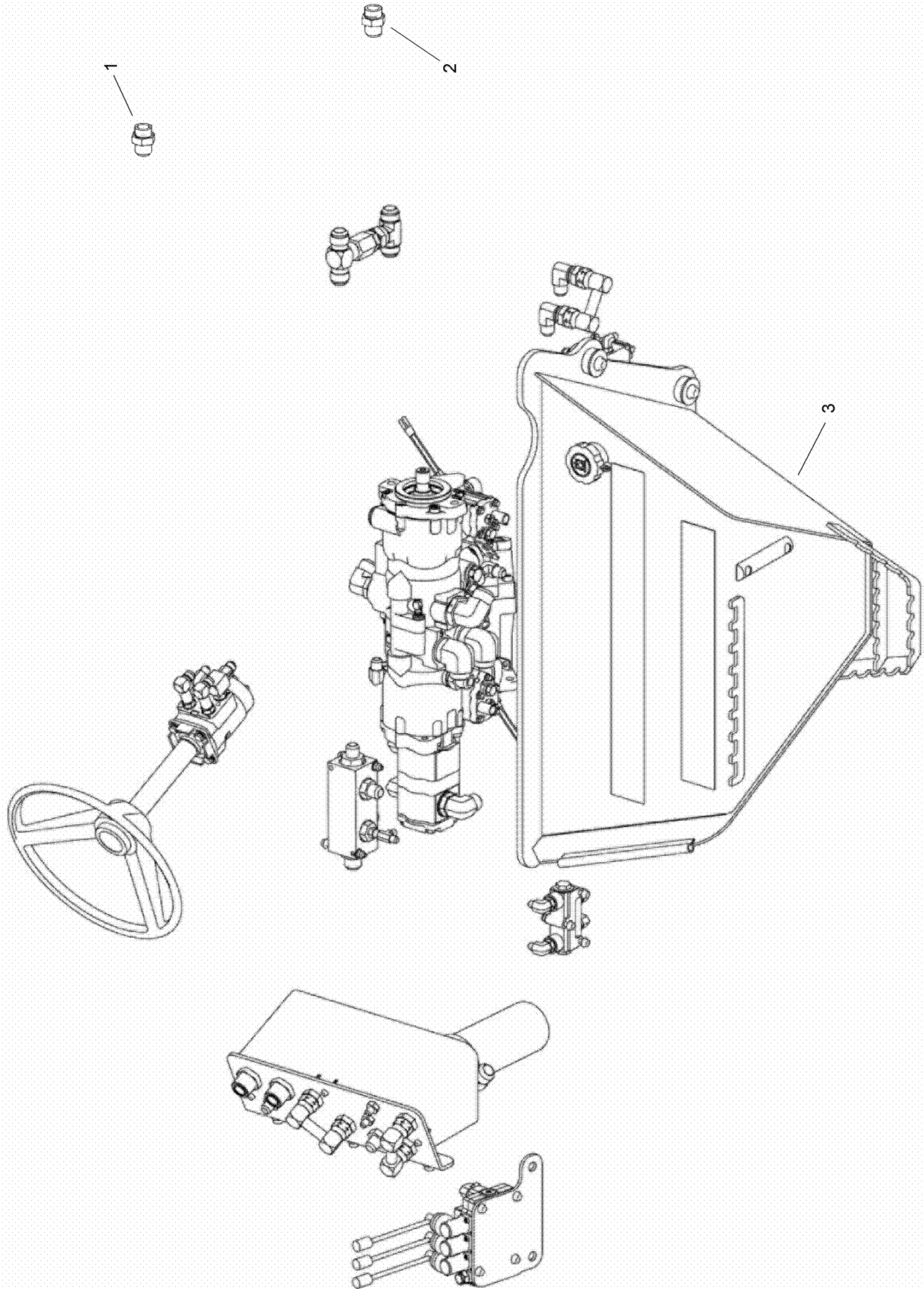
Emergency Parking Brake Assembly (continued)

<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>
	AU125405	1	ASM-Parking Brake ●	11	AU100527	2	Nut-Flange, Nylock
1	AU126600	1	Bracket-Parking Brake Cable	12	AU100772	1	Clamp-4 Muffler
2	AUD129747	1	Spacer	13	AU127784	1	Mount-Parking Brake
3	AU126601	1	Plate-Parking Brake Mount	14	AU126603	1	HYD Release Cylinder ASM
4	AUD121608	1	Clamp-Cable	15	AU187505C91	1	Solenoid Valve ASM
5	AU100873	6	Screw-HH	16	AU218-5155	1	Plug-Hex Hd, ORB 3/8
6	AU100526	6	Nut-Torque, Prevailing	17	AU218-5105	2	Elbow-90 DEG (Adjustable 37 DEG)
7	AU87405607	1	Brake Cable ASM	18	AU218-5057	1	Connector-Str Thd 3/8, 37FI-ORB 3/8
8	AUH44206	2	Pin-Clevis	19	AU100077	1	Plate-Spacer
9	AU432-816	2	Pin-Cotter	20	AU126904	1	Link-Cable, Parking Brake
10	AU100876	2	Screw-Flange				

● Not illustrated

Hydraulic Tank

Hydraulic Component Assembly No. 1



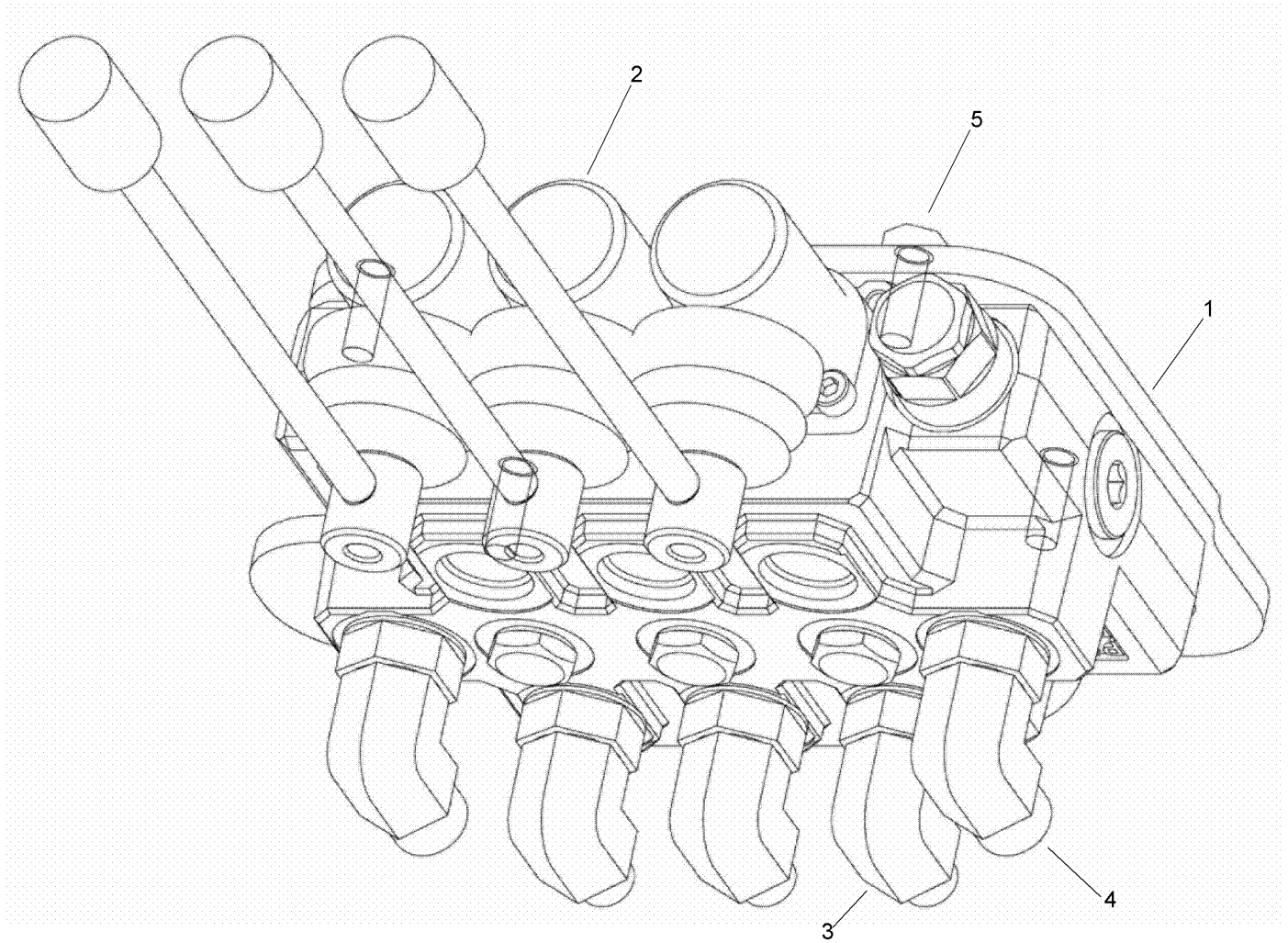
Hydraulic Tank

Hydraulic Component Assembly No. 1 (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>
	AU125330	1	Hydraulics Group ●	2	AU218-5069	1	Fitting-Straight
	AU127045	1	Schematic-Hydraulics ●	3	AU125331	1	ASM-Hydraulic Tank
1	AU218-5069	1	Fitting-Straight				

● Not illustrated

Auxiliary Valve Hydraulic Component Assembly No. 2



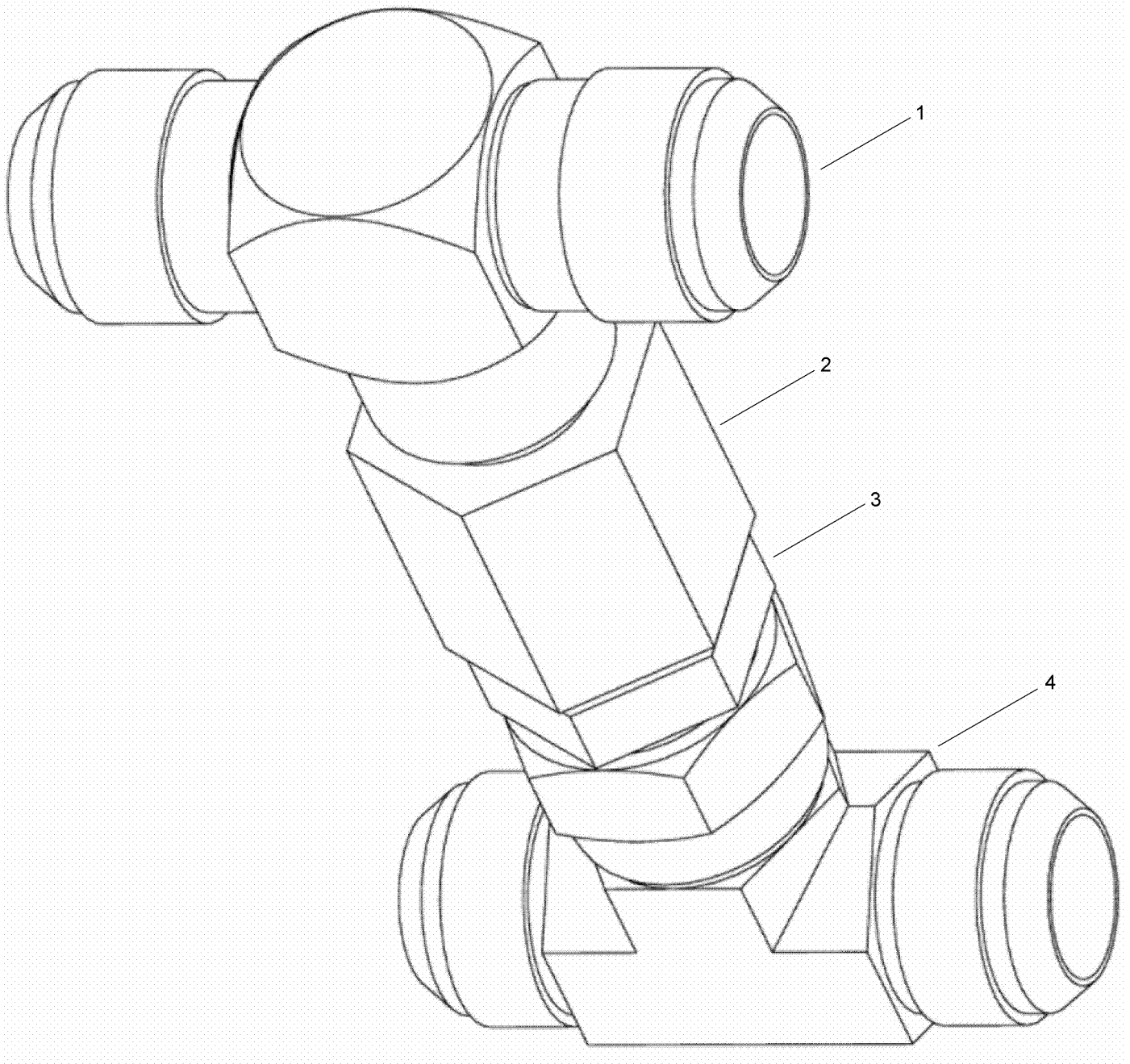
Auxiliary Valve

Hydraulic Component Assembly No. 2 (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>
	AU125330	1	Hydraulics Group ●	4	AU218-5106	2	Fitting-Elb 90
	AU127045	1	Schematic-Hydraulics ●	5	AU100395	4	Screw, Metric Flange
1	AU125529	1	Plate-Valve Mount				Full-M8 X 16
2	AU125531	1	Valve-Auxiliary				
3	AU218-5128	3	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube				

● Not illustrated

Check Valve Hydraulic Component Assembly No. 3



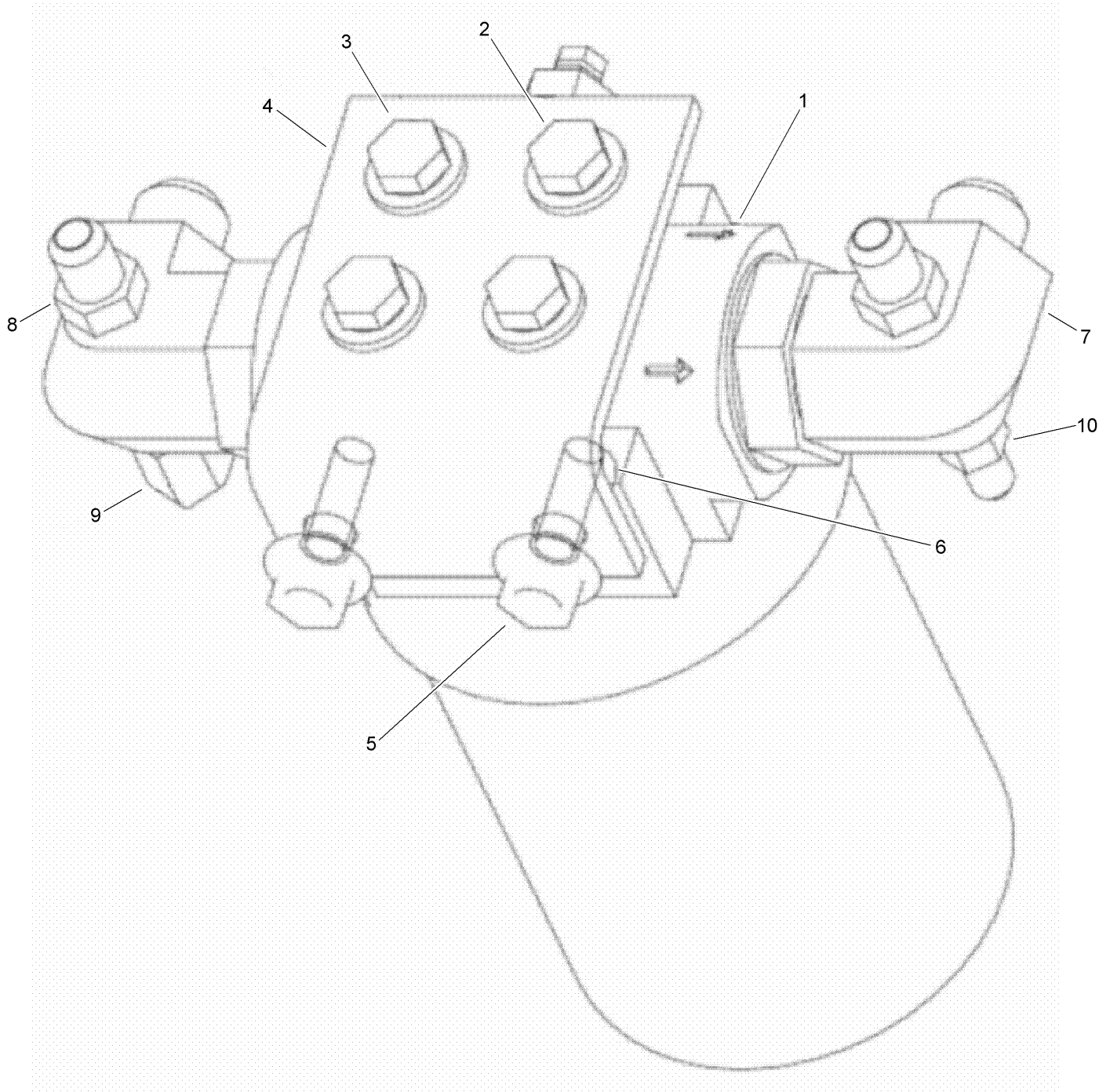
Check Valve

Hydraulic Component Assembly No. 3 (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>
	AU125330	1	Hydraulics Group ●	2	AUH627513	1	Valve-Check
	AU127045	1	Schematic-Hydraulics ●	3	AU218-459	1	Adapter
1	AU218-582	1	Fitting-Tee	4	AU91-203101-16-16S	1	Adapter-Tee, FJIC / MJIC

● Not illustrated

6 Micron Filter Mounting Hydraulic Component Assembly No. 4



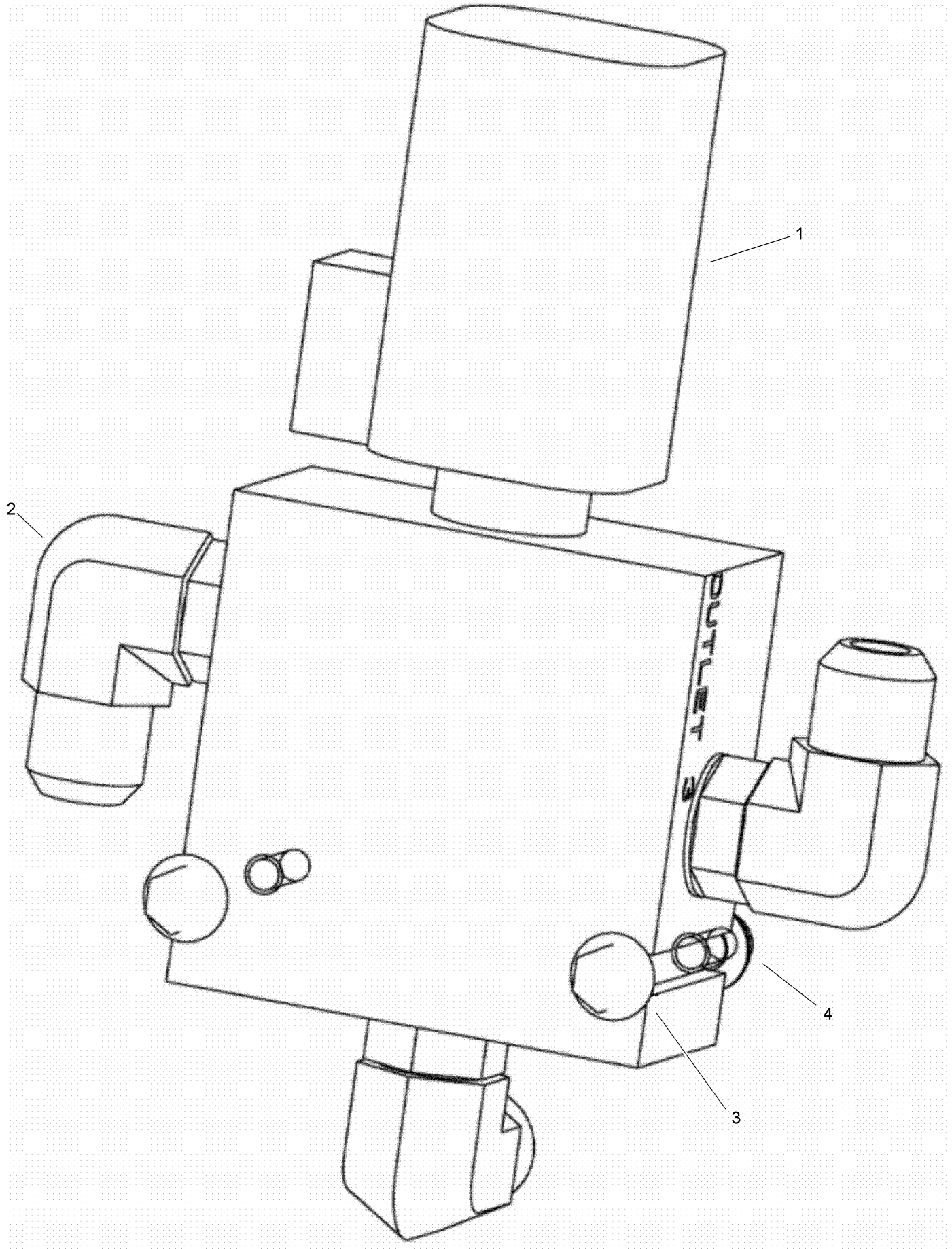
6 Micron Filter Mounting

Hydraulic Component Assembly No. 4 (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>
	AU125330	1	Hydraulics Group ●	6	AU100527	2	Nut-Flange, Nylock
	AU127045	1	Schematic-Hydraulics ●	7	AUH439363	2	Adapter-Special
1	AUD121629	1	Oil Filter ASM	8	AU218-453	2	Connector-37FI 3/8 Tube X 1/8 NPTF
2	AU496-21041	4	Washer-Flat	9	AU218-492	1	Elbow-90
3	AU426-616	4	Screw-HH	10	AU218-441	1	Connector-37FI 1/4 Tube X 1/8 NPTF
4	AU111774A1	1	Bracket-Mounting, Filter				
5	AU100877	2	Screw-HH				

● Not illustrated

Directional Valve Hydraulic Component Assembly No. 5



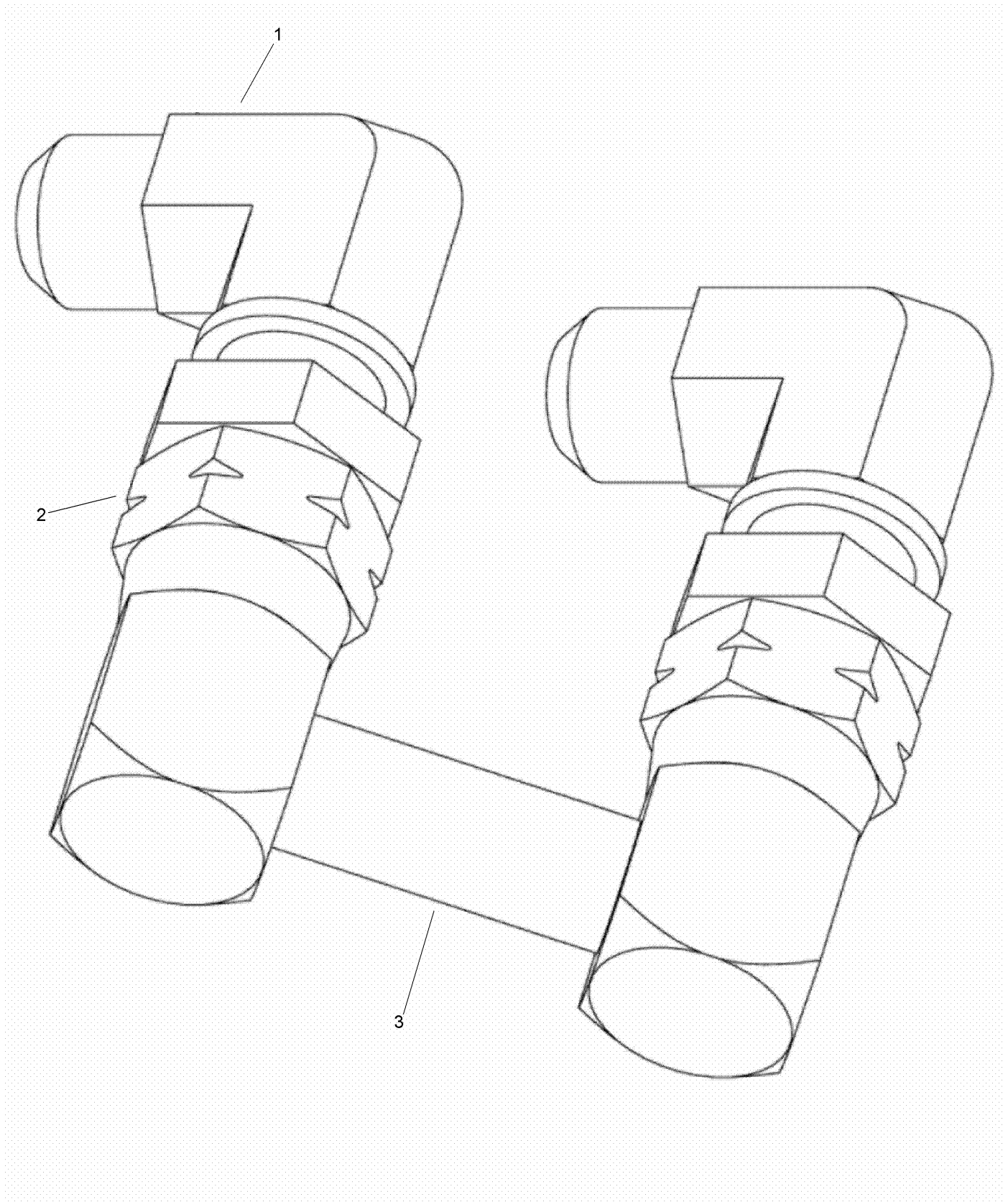
Directional Valve

Hydraulic Component Assembly No. 5 (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>
	AU125330	1	Hydraulics Group ●	3	AU100325	2	Screw-Flange
	AU127045	1	Schematic-Hydraulics ●	4	AU100526	2	Nut-Torque, Prevailing
1	AU8HV80164	1	Directional Valve ASM				
2	AU218-5123	3	Elbow-90 Adj 37FI 3/4 X 5/8 Tube				

● Not illustrated

Loop Connector Hydraulic Component Assembly No. 6

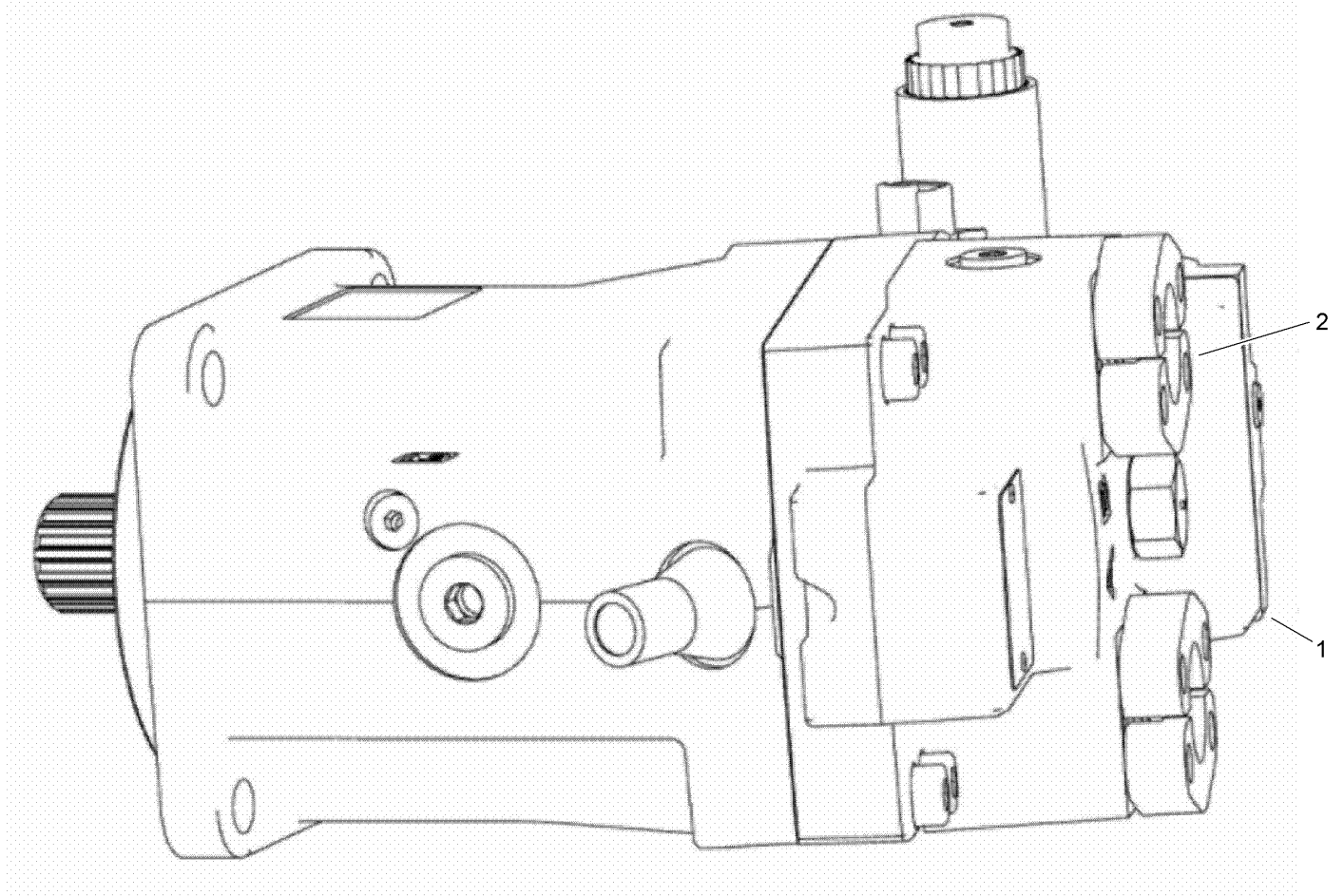


Loop Connector **Hydraulic Component Assembly No. 6 (continued)**

<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>
	AU125330	1	Hydraulics Group ●	2	AU218-1256	2	Nut-Lock, Bulkhead
	AU127045	1	Schematic-Hydraulics ●	3	AUH673212	1	Fitting-Special
1	AU218-696	2	Fitting-Elbow, 90				

● Not illustrated

Ground Drive Motor Hydraulic Component Assembly No. 7



Ground Drive Motor

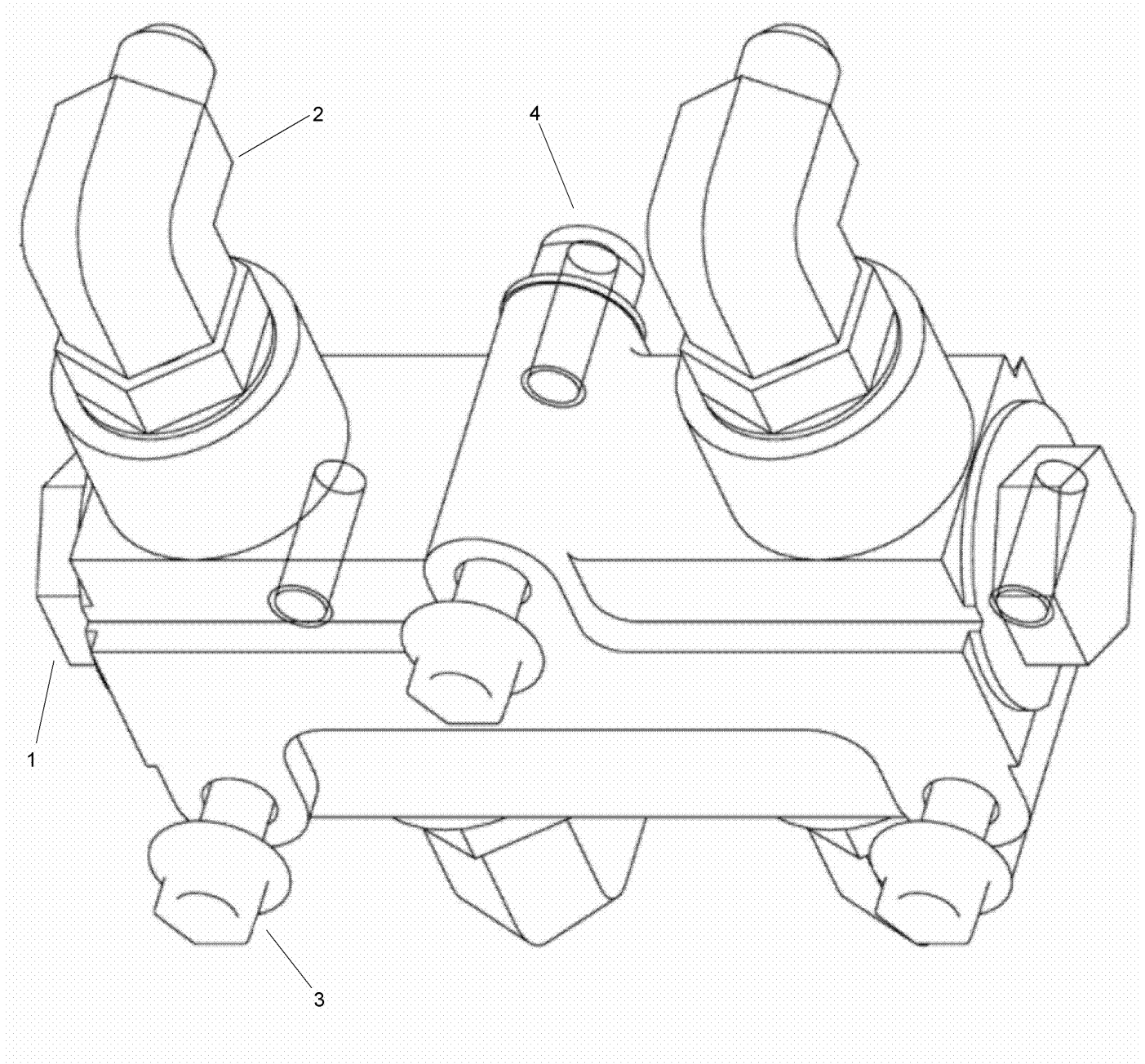
Hydraulic Component Assembly No. 7 (continued)

<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>
	AU125330	1	Hydraulics Group ●	1	AU125010	1	HYD Motor ASM
	AU127045	1	Schematic-Hydraulics ●	2	AU8TS06212	2	3/4 Inch Split Flange Kit

● Not illustrated

Lock Out Valve

Hydraulic Component Assembly No. 8



Lock Out Valve

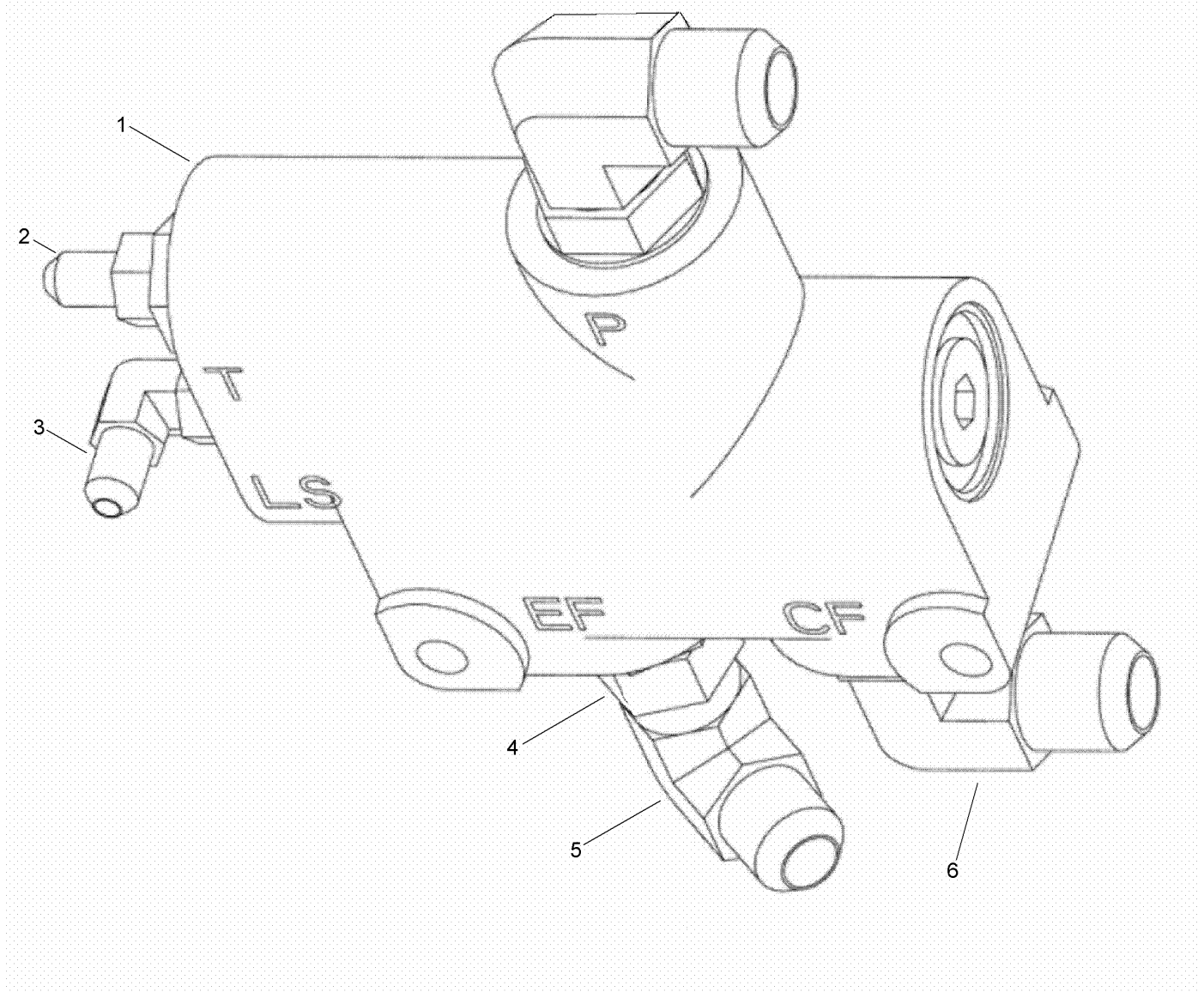
Hydraulic Component Assembly No. 8 (continued)

<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>
	AU125330	1	Hydraulics Group ●	3	AU100323	3	Screw-Flange
	AU127045	1	Schematic-Hydraulics ●	4	AU100526	3	Nut-Torque, Prevailing
1	AUH672547	1	HYD Lockout Valve ASM				
2	AU218-5128	4	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube				

● Not illustrated

Flow Divider Valve

Hydraulic Component Assembly No. 9



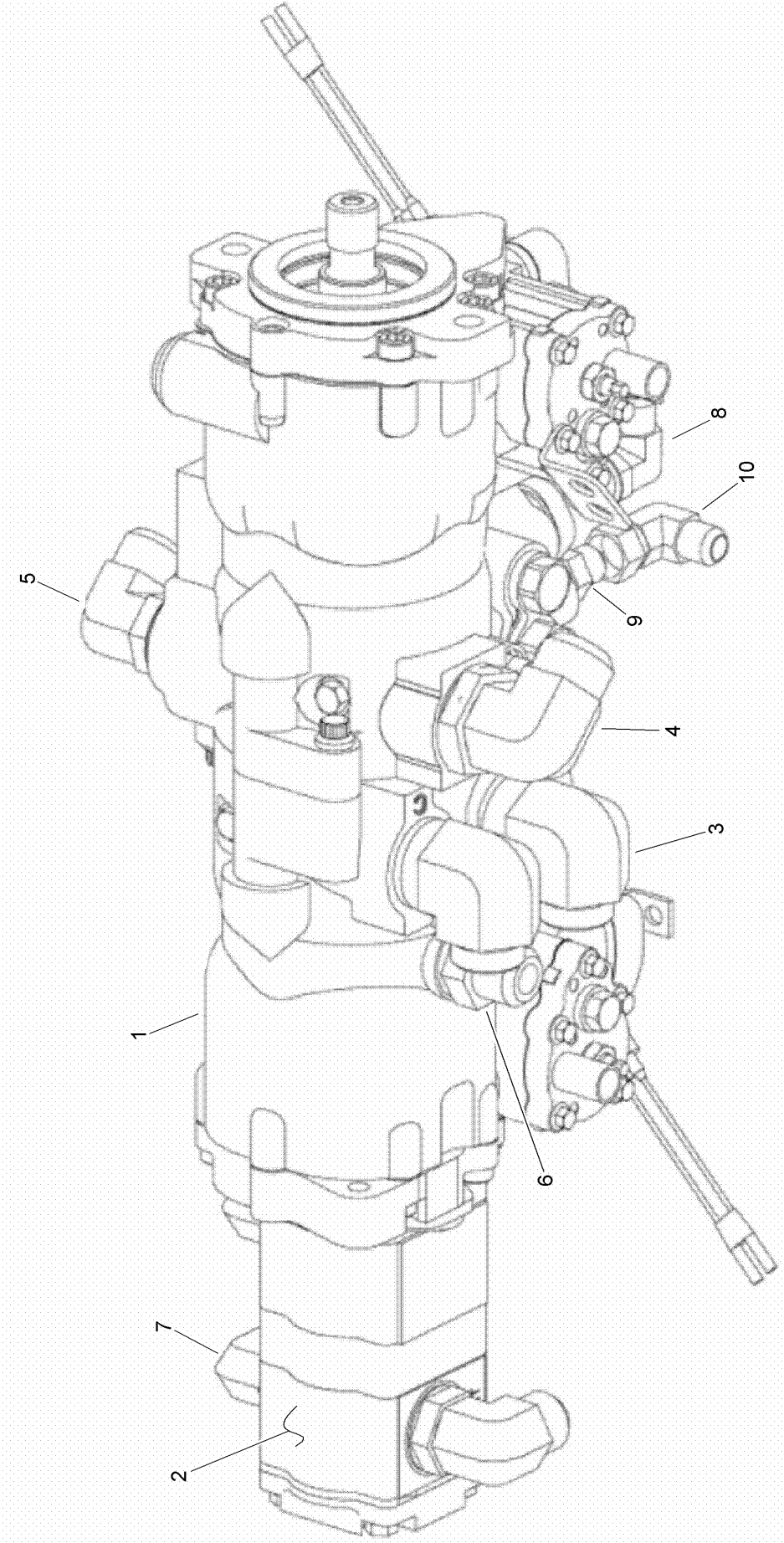
Flow Divider Valve

Hydraulic Component Assembly No. 9 (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>
	AU125330	1	Hydraulics Group ●	3	AU218-5103	1	Elbow-90 Adj 37FI 1/4 Tube
	AU127045	1	Schematic-Hydraulics ●	4	AU218-5059	1	Connector-Str Thd 1/2, 37FI-ORB 1/2
1	AUH672904	1	HYD Priority Flow Divider ASM	5	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube
2	AU218-5053	1	Connector-Str Thd 1/4, 37FI-ORB 1/4	6	AU218-5107	2	Elbow-90 Adj 37FI 5/8 Tube

● Not illustrated

**Tandem Piston Pump
Hydraulic Component Assembly No. 10**



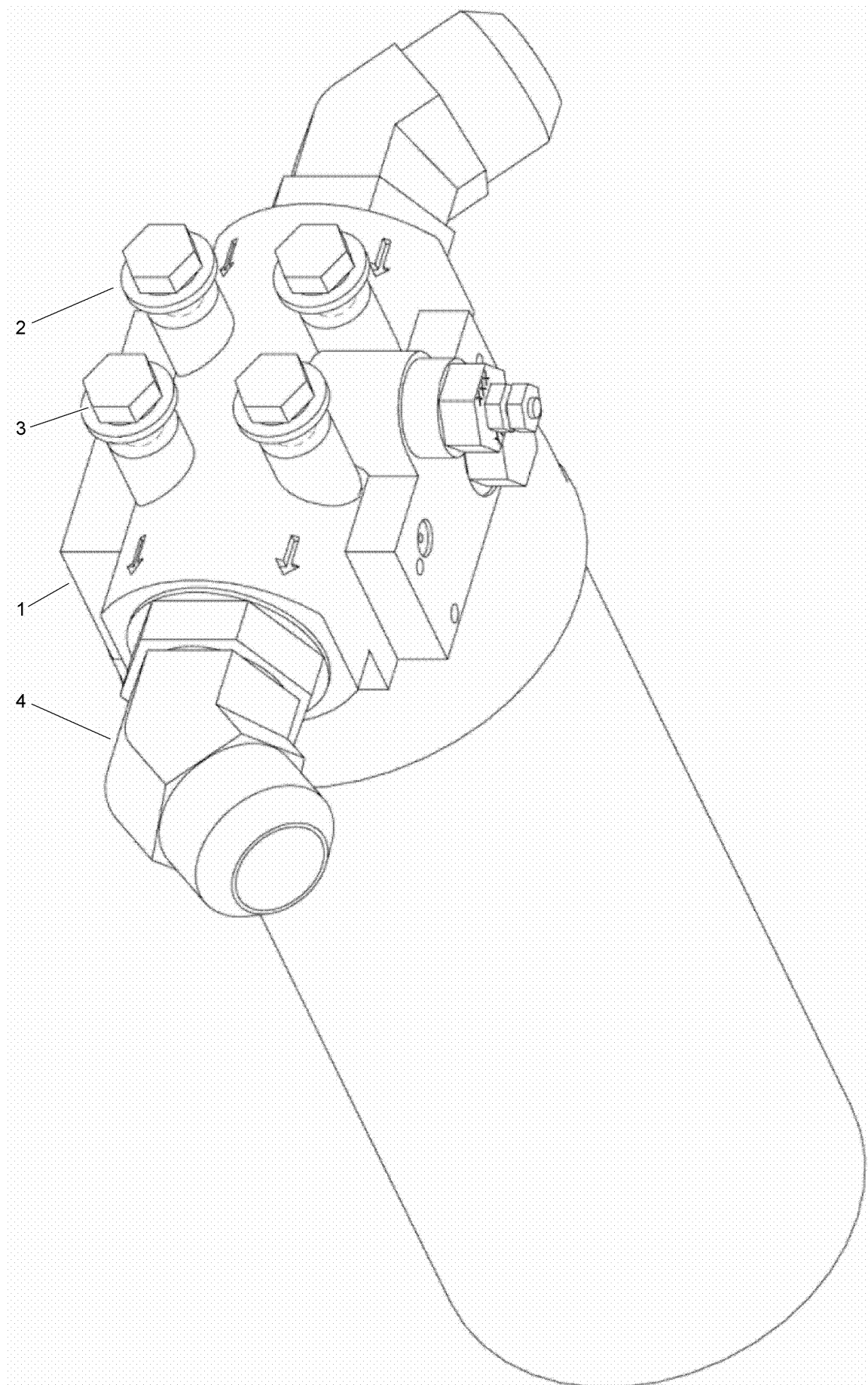
Tandem Piston Pump

Hydraulic Component Assembly No. 10 (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>
	AU125330	1	Hydraulics Group ●	6	AU218-5050	1	Fitting-Straight
	AU127045	1	Schematic-Hydraulics ●	7	AU218-5108	2	Elbow-90 Adj 37FI 3/4 Tube
1	AU125034	1	Tandem Pump ASM	8	AU218-5107	1	Elbow-90 Adj 37FI 5/8 Tube
2	AU105969A1	1	HYD Gear Pump ASM	9	AU218-5062	1	Connector-Str Thd 5/8,
3	AU201-308	2	Elbow-90 Adj 1.0 Orfs-ORB				37FI-ORB 5/8
4	AU218-5112	1	Elbow-90	10	AU218-5232	1	Elbow-90 Swivel 37FI 5/8
5	AU218-5110	3	Elbow-90 DEG				Tube

● Not illustrated

6 Micron Filter Hydraulic Component Assembly No. 11



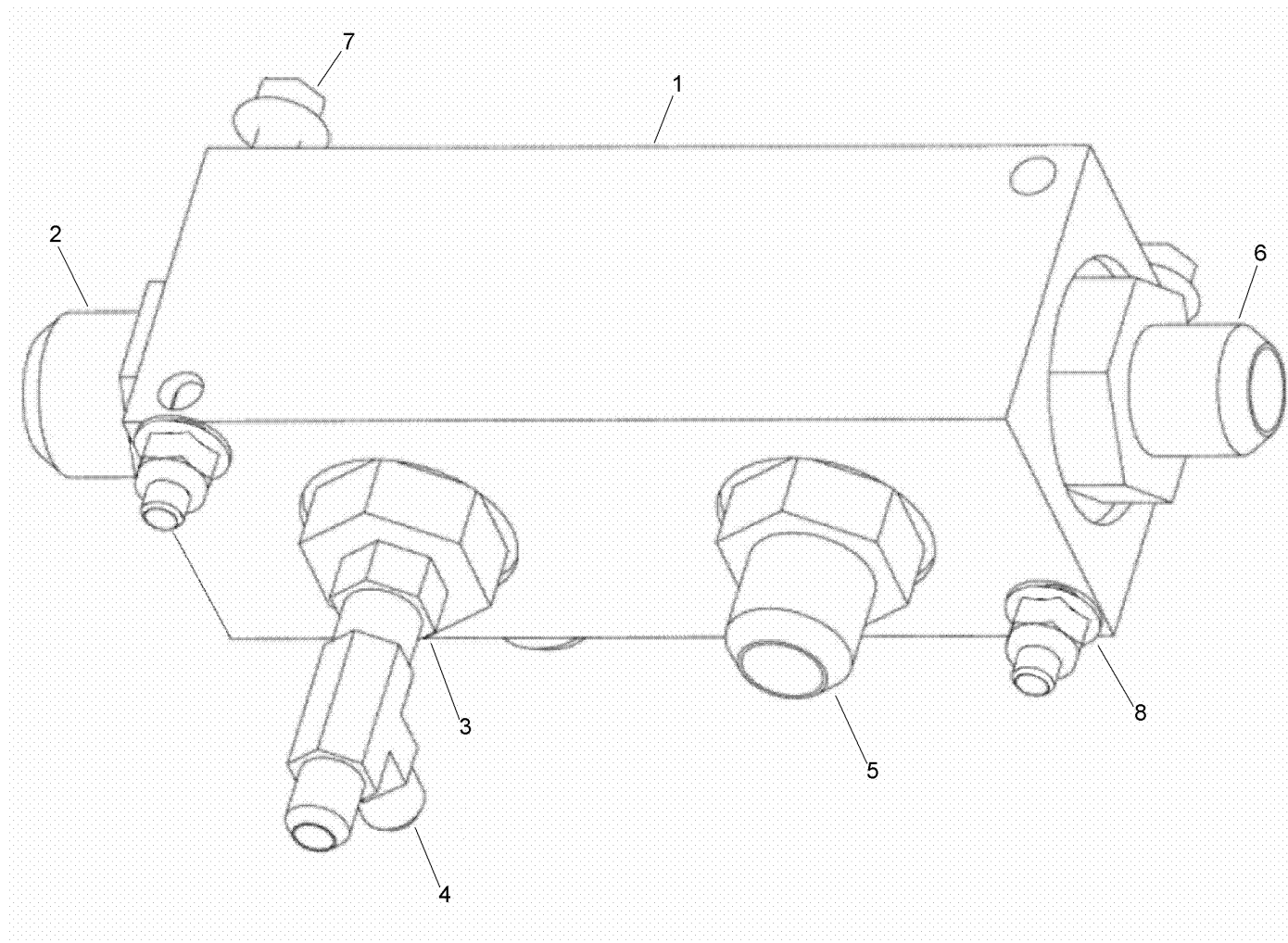
6 Micron Filter

Hydraulic Component Assembly No. 11 (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>
	AU125330	1	Hydraulics Group ●	2	AU496-21041	4	Washer-Flat
	AU127045	1	Schematic-Hydraulics ●	3	AU426-616	4	Screw-HH
1	AUD125507	1	Oil Filter ASM	4	AU218-5140	2	Fitting-Elbow, 45

● Not illustrated

Return Manifold Hydraulic Component Assembly No. 12



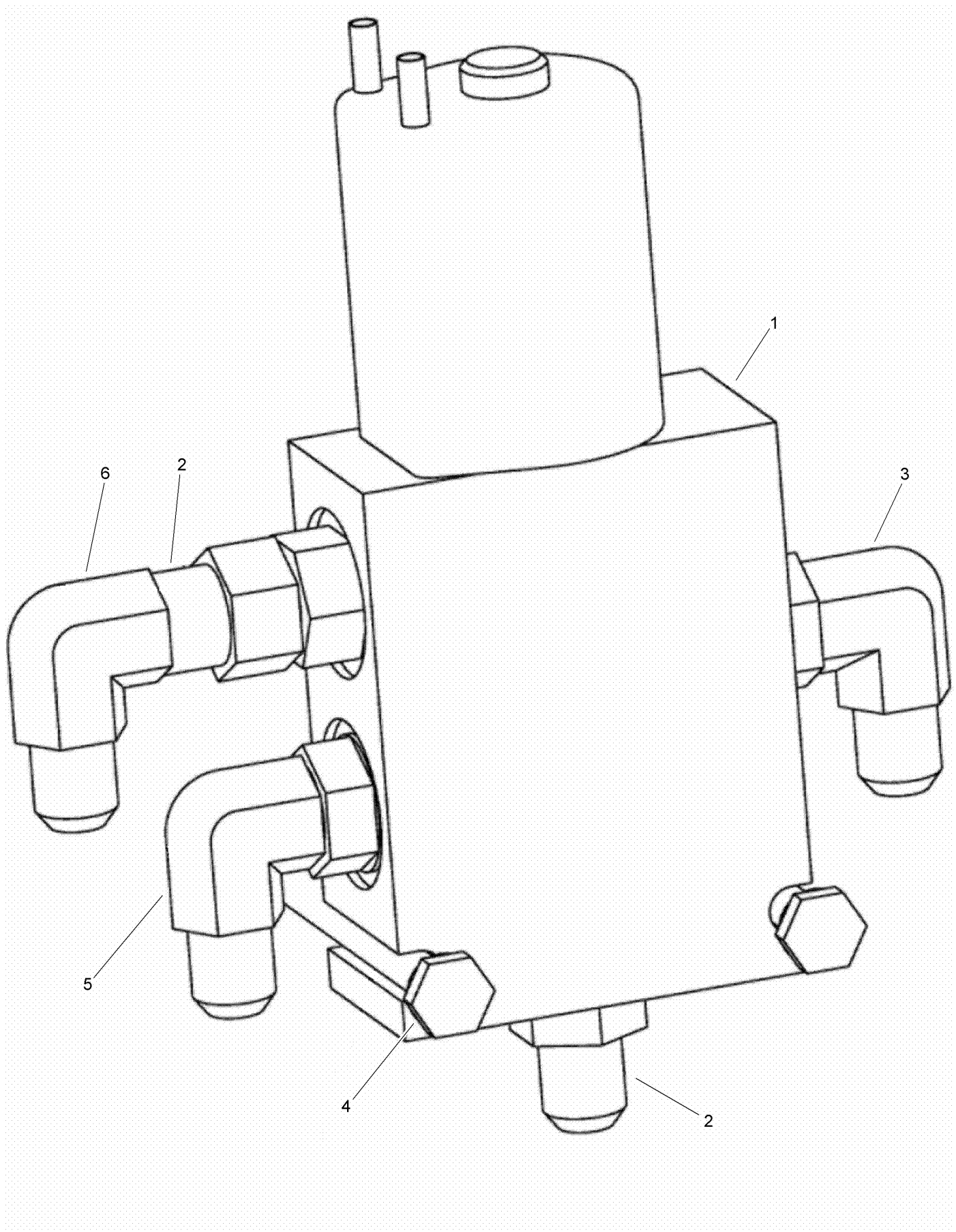
Return Manifold

Hydraulic Component Assembly No. 12 (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>
	AU125330	1	Hydraulics Group ●	5	AU218-5064	2	Fitting-Straight
	AU127045	1	Schematic-Hydraulics ●	6	AU218-5077	1	Connector-Str Thd 3/4, 37FI-ORB 1.0
1	AU106457	1	Manifold-Return, Hydraulic	7	AU100327	2	Screw-Flange
2	AU218-5069	1	Fitting-Straight	8	AU100526	2	Nut-Torque, Prevailing
3	AU218-5044	2	Adapter-Straight				
4	AU218-5222	1	Tee-Swivel Run 37FI, 3/8 X 3/8 X 3/8				

● Not illustrated

Solenoid Valve Hydraulic Component Assembly No. 13



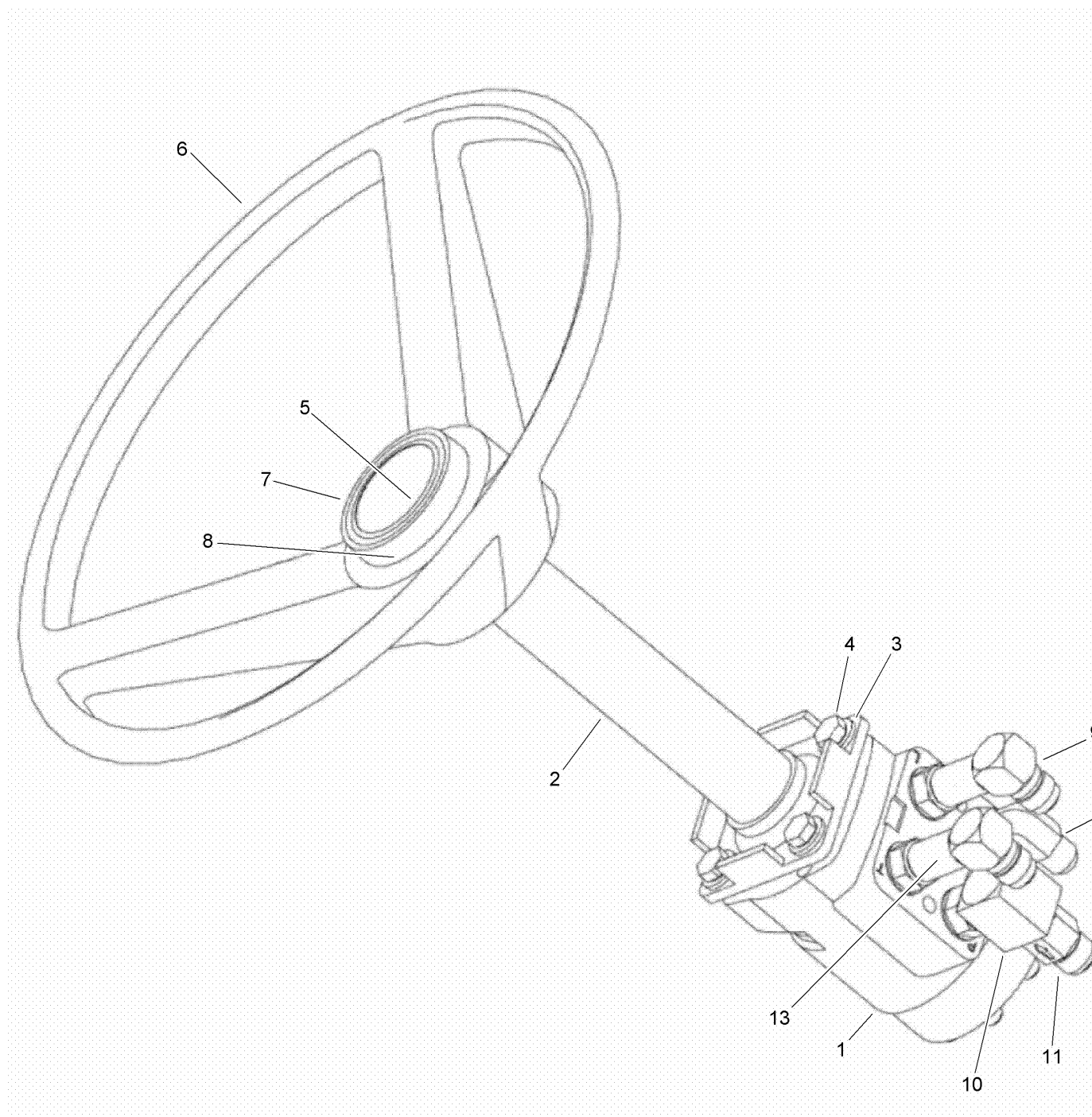
Solenoid Valve

Hydraulic Component Assembly No. 13 (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>
	AU125330	1	Hydraulics Group ●	4	AU426-456	2	Bolt-Hex Hd, 1/4 X 3-1/2 GR8 Znd
	AU127045	1	Schematic-Hydraulics ●	5	AUH426767	2	Washer-Flat
1	AU187505C91	1	Solenoid Valve ASM	6	AU218-980	1	Fitting-Swivel, 90 DEG
2	AU218-5057	2	Connector-Str Thd 3/8, 37FI-ORB 3/8				
3	AU218-5105	2	Elbow-90 DEG (Adjustable 37 DEG)				

● Not illustrated

Steering Control Unit Hydraulic Component Assembly No. 14



Steering Control Unit

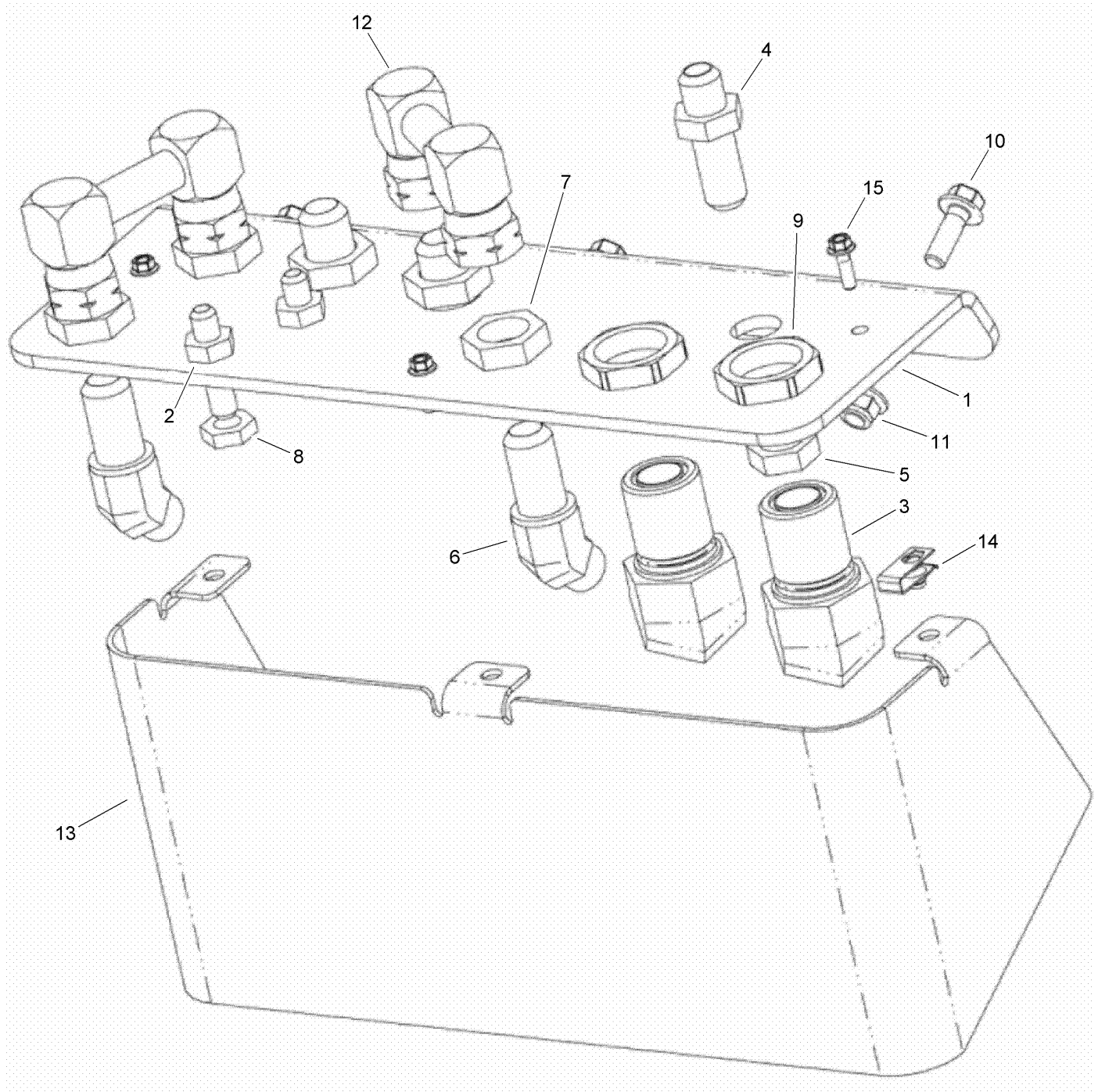
Hydraulic Component Assembly No. 14 (continued)

<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>
	AU125330	1	Hydraulics Group ●	6	AUA65544	1	Wheel-Steering
	AU127045	1	Schematic-Hydraulics ●	7	AU114882A2	1	Cap-Steering Wheel
1	AU141535A1	1	HYD Steering Control Valve ASM	8	AU238-5227	1	O-Ring
2	AUH672220	1	Steering Column ASM	9	AU700701358	2	Elbow
3	AU496-21041	4	Washer-Flat	10	AU111865A1	1	Elbow
4	AU426-624	4	Bolt-Hex, 3/8 NC X 1-1/2 Inch	11	AUL104449	1	Valve-Check
5	AUF19646	1	Nut	12	AU218-5106	1	Fitting-Elb 90
				13	AU218-5103	1	Elbow-90 Adj 37FI 1/4 Tube

● Not illustrated

Bulkhead Plate

Hydraulic Component Assembly No. 15



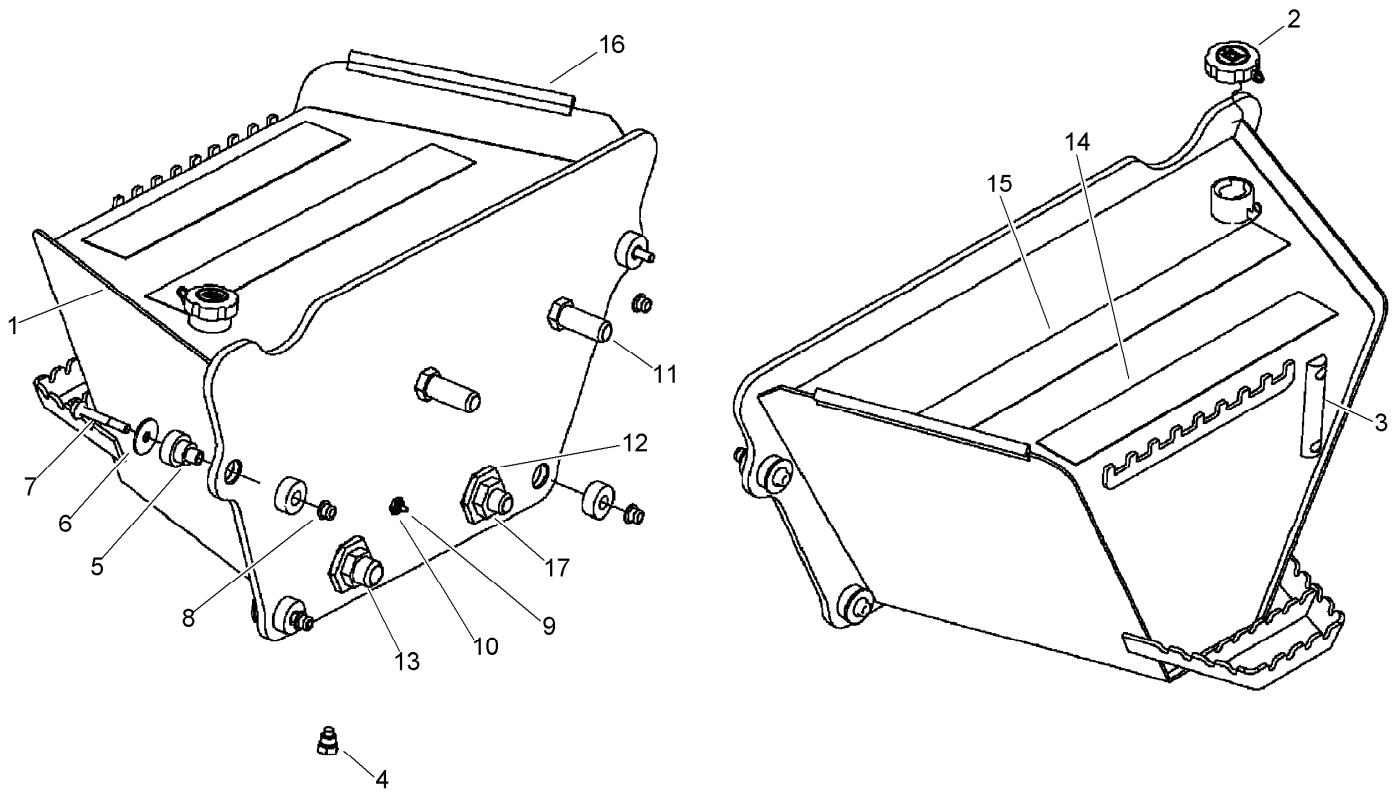
Bulkhead Plate

Hydraulic Component Assembly No. 15 (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>
	AU125330	1	Hydraulics Group ●	8	AU218-1254	2	Nut-Lock, Bulkhead
	AU127045	1	Schematic-Hydraulics ●	9	AU201-908	2	Nut-Lock, Bulkhead
1	AU125425	1	Plate-Bulkhead Mount	10	AU100877	3	Screw-HH
2	AU218-673	2	Union-Bulkhead	11	AU100527	3	Nut-Flange, Nylock
3	AU201-366	2	Elbow-Bulkhead, 45	12	AUH673212	2	Fitting-Special
4	AU218-675	1	Union-Bulkhead	13	AU126562	1	Plate-Cover
5	AU218-1251	1	Nut-Lock, Bulkhead	14	AU100861	3	Nut-U
6	AU218-717	5	Elbow-Bulkhead, 45	15	AU100869	3	Screw-HHF
7	AU218-1256	5	Nut-Lock, Bulkhead				

● Not illustrated

Hydraulic Tank Assembly

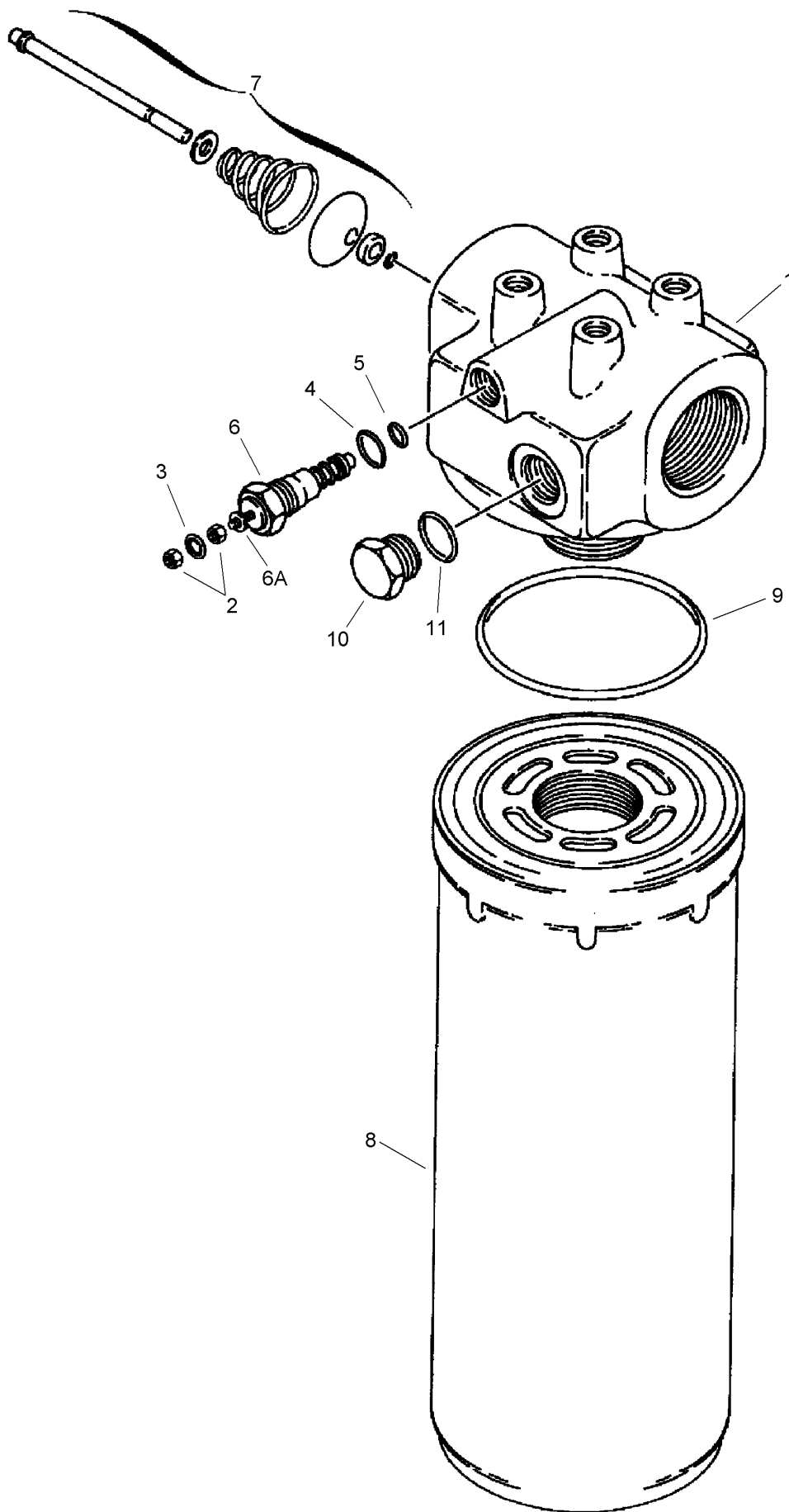


Hydraulic Tank Assembly (continued)

<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>
	AU125331	1	ASM-Hydraulic Tank ●	10	AU637-63153	1	O-Ring
1	AU125335	1	Weldment-Hydraulic Tank	11	AU91-202713-16-16S	2	Connector-Long Str Thkd
2	AU105820	1	Cap-HYD Fluid (W/ Lock)				1.0, 37FI-ORB 1.0
3	AU8PG00005	1	Gauge-Level, Fluid (W/Thermometer)	12	AU118209	2	Strainer-Mounted, Tank
4	AU119908	1	Plug-Hex, Magnetic	13	AU218-5072	1	Fitting-Straight
5	AU8NG28121	4	Isolator-Mounting, Universal	14	AU105912	1	Tape-Anti Skid, Lower Step
6	AU496-81018	4	Washer-Flat	15	AUH433994	1	Strip-Anti Skid
7	AU100353	4	Screw-HHF	16	AU118602	1	Seal-Hood
8	AU100528	4	Nut-HHF, Lock	17	AU218-5086	1	Adapter-Straight
9	AU119493	1	Sensor-Sender, Oil/Water Temp				

● Not illustrated

Hydraulic Oil Charge Filter Assembly



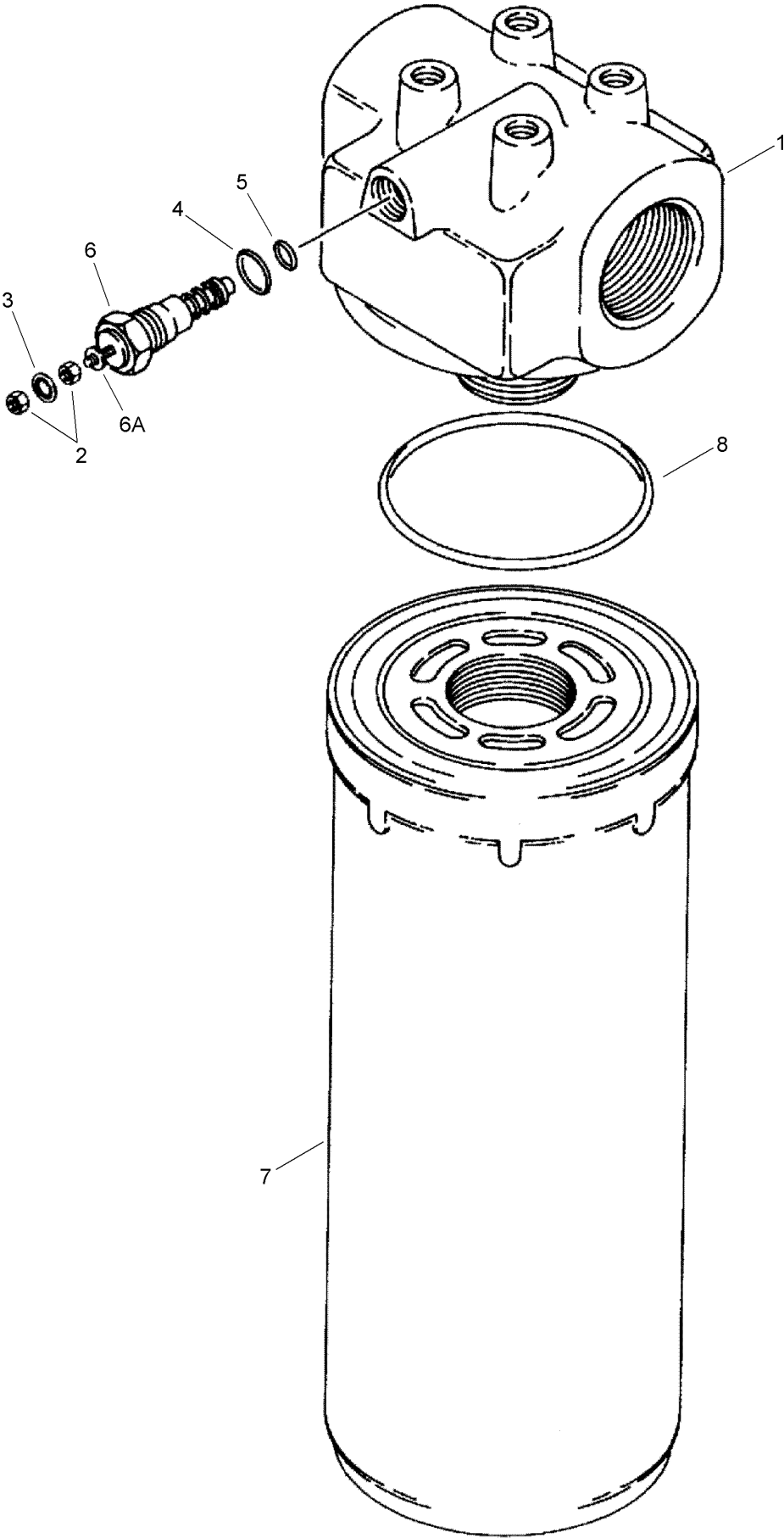
Hydraulic Oil Charge Filter Assembly (continued)

<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	AUD125507	1	Oil Filter ASM ●	6A		1	Washer-Identification,
		1	Head-Filter ■				Red/White Color ■
	AUN13268	1	Indicator ASM-Restriction,	7		1	Valve-Bypass, Filter ■
			Electrical ●		AUD126922	1	Element ASM-Filter ●
2	AU129-667	2	Nut-Hex, Left-Hand Thread,	8		1	Element-Filter ■
			No. 10 Nf	9	AUA28318	1	O-Ring-2-1/2 ID X 1/8 Inch
3	AU493-21020	1	Washer-Internal Tooth Lock,				Wide, Filter Element To
			3/16 Inch				Head
4	AU237-6006	1	O-Ring	10	AU218-5155	1	Plug-Hex Hd, ORB 3/8
5	AU238-5011	1	O-Ring-5/16 ID X 1/16 Inch	11	AU237-6006	1	O-Ring
			Wide, Small				
6		1	Indicator-Restriction,				
			Electric ■				

● Not illustrated

■ Not serviced separately

Hydraulic Oil Return Filter Assembly



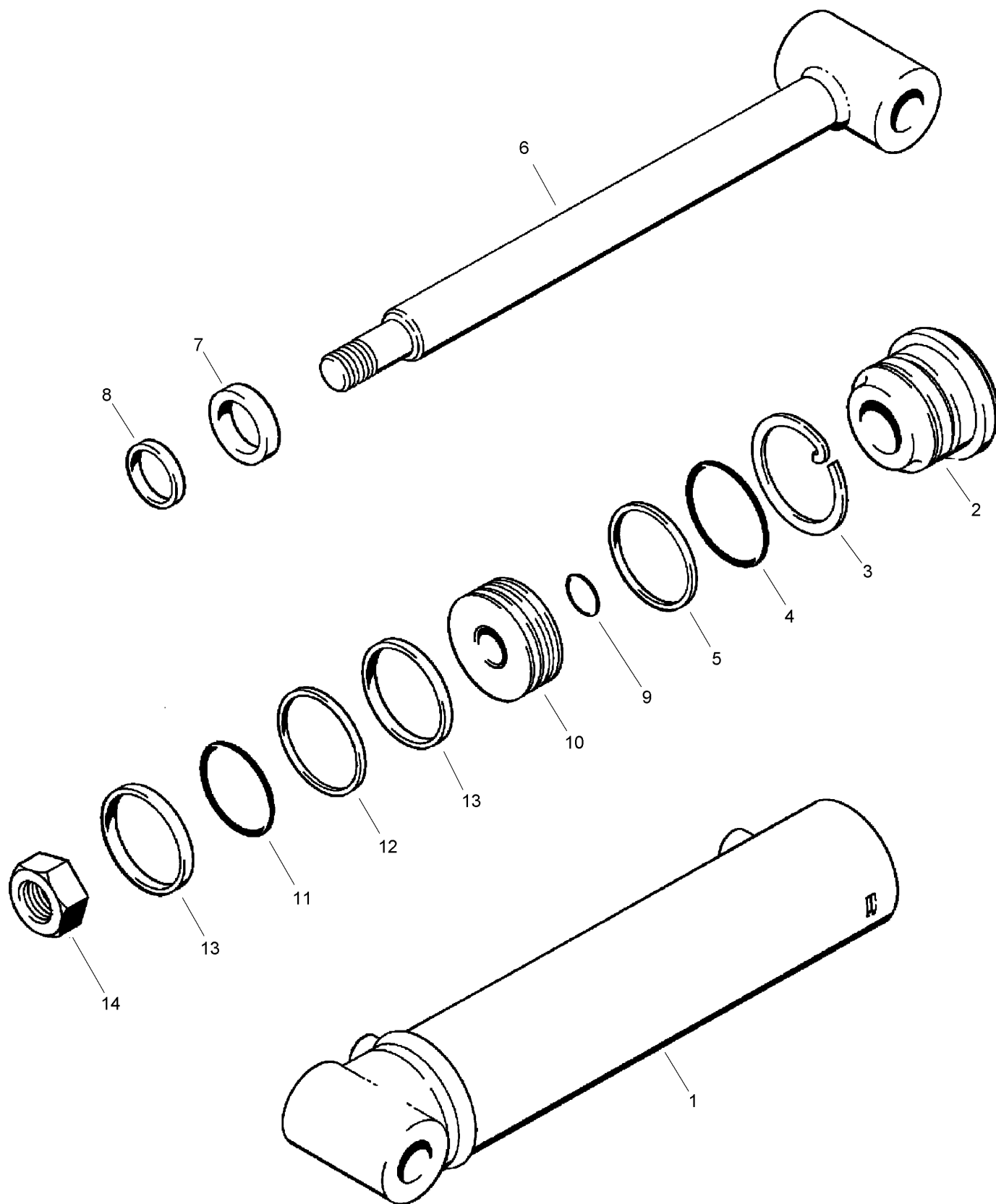
Hydraulic Oil Return Filter Assembly (continued)

<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	AUD121629	1	Oil Filter ASM ●	6		1	Indicator-Restriction, Electric ■
		1	Head-Filter ■	6A		1	Washer-Identification, Red/White Color ■
	AUN13268	1	Indicator ASM-Restriction, Electrical ●		AUD122562	1	Element ASM-Filter ●
2	AU129-667	2	Nut-Hex, Left-Hand Thread, No. 10 Nf	7		1	Element-Filter ■
3	AU493-21020	1	Washer-Internal Tooth Lock, 3/16 Inch	8	AU238-3230	1	O-Ring-Filter Element To Head
4	AU237-6006	1	O-Ring				
5	AU238-5011	1	O-Ring-5/16 ID X 1/16 Inch Wide, Small				

● Not illustrated

■ Not serviced separately

Backfill Blade Lift Cylinder Assembly



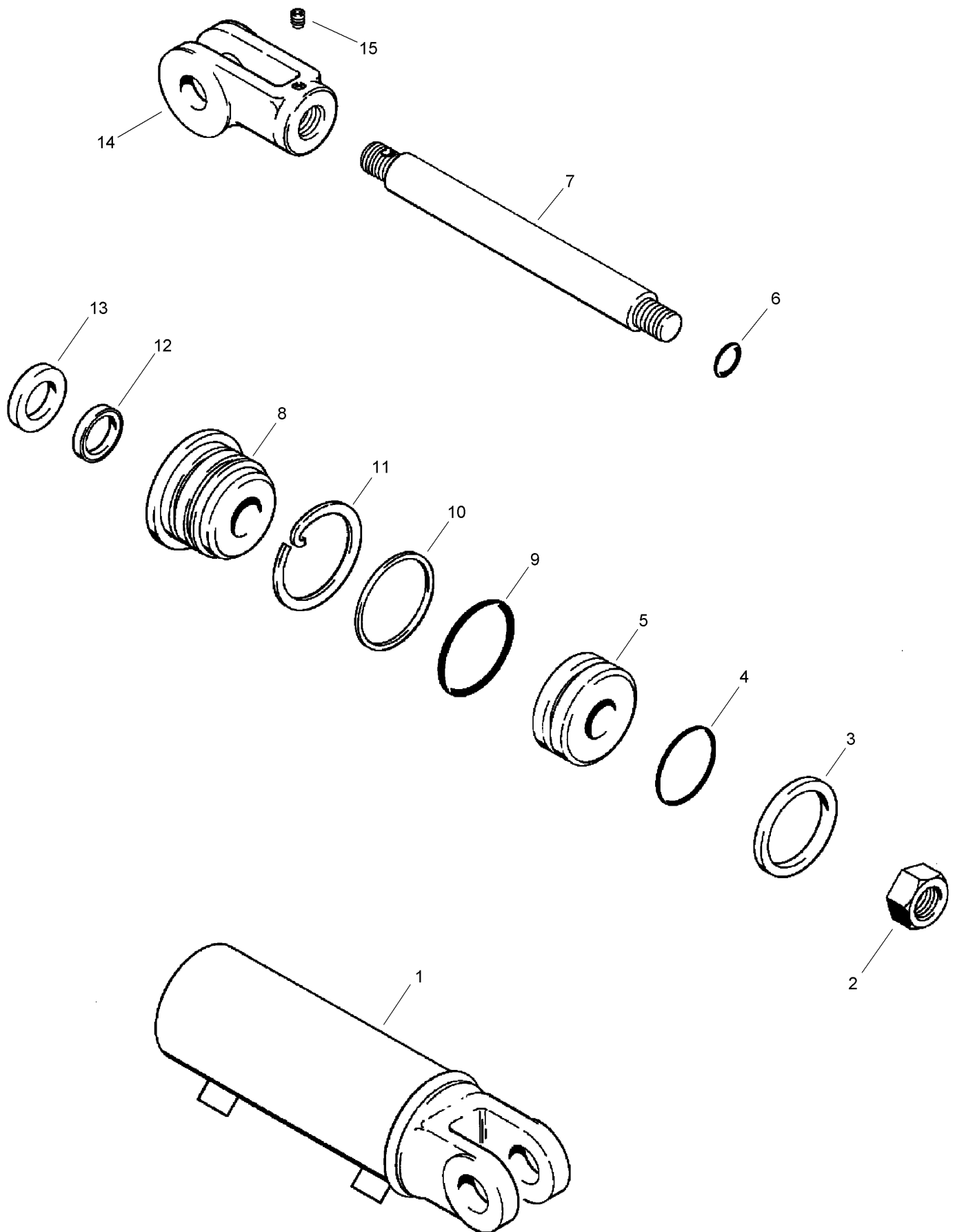
Backfill Blade Lift Cylinder Assembly (continued)

<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>
	AUH674312	1	HYD Cylinder ASM ●	9		1	O-Ring-Piston Rod, Nut End ■
1	AUH674937	1	Case ASM	10	AUH439025	1	Piston
2	AU85260C1	1	Head	11		1	O-Ring-Piston ■
3		1	Wire-Locking, Gland ■	12		1	Ring-Backup, Piston O-Ring ■
4		1	O-Ring-Gland ■	13		2	Ring-Wear, Piston ■
5		1	Ring-Backup, Gland O-Ring ■	14	AU232-46314	1	Nut-Lock
6	AUH674938	1	Rod-Piston		AUH674940	1	Kit-Seal, Includes All Items With An Asterisk ●
7		1	Wiper-Piston Rod ■				
8		1	Seal-U-Cup, Piston Rod ■				

● Not illustrated

■ Not serviced separately

Backfill Blade Tilt Cylinder Assembly



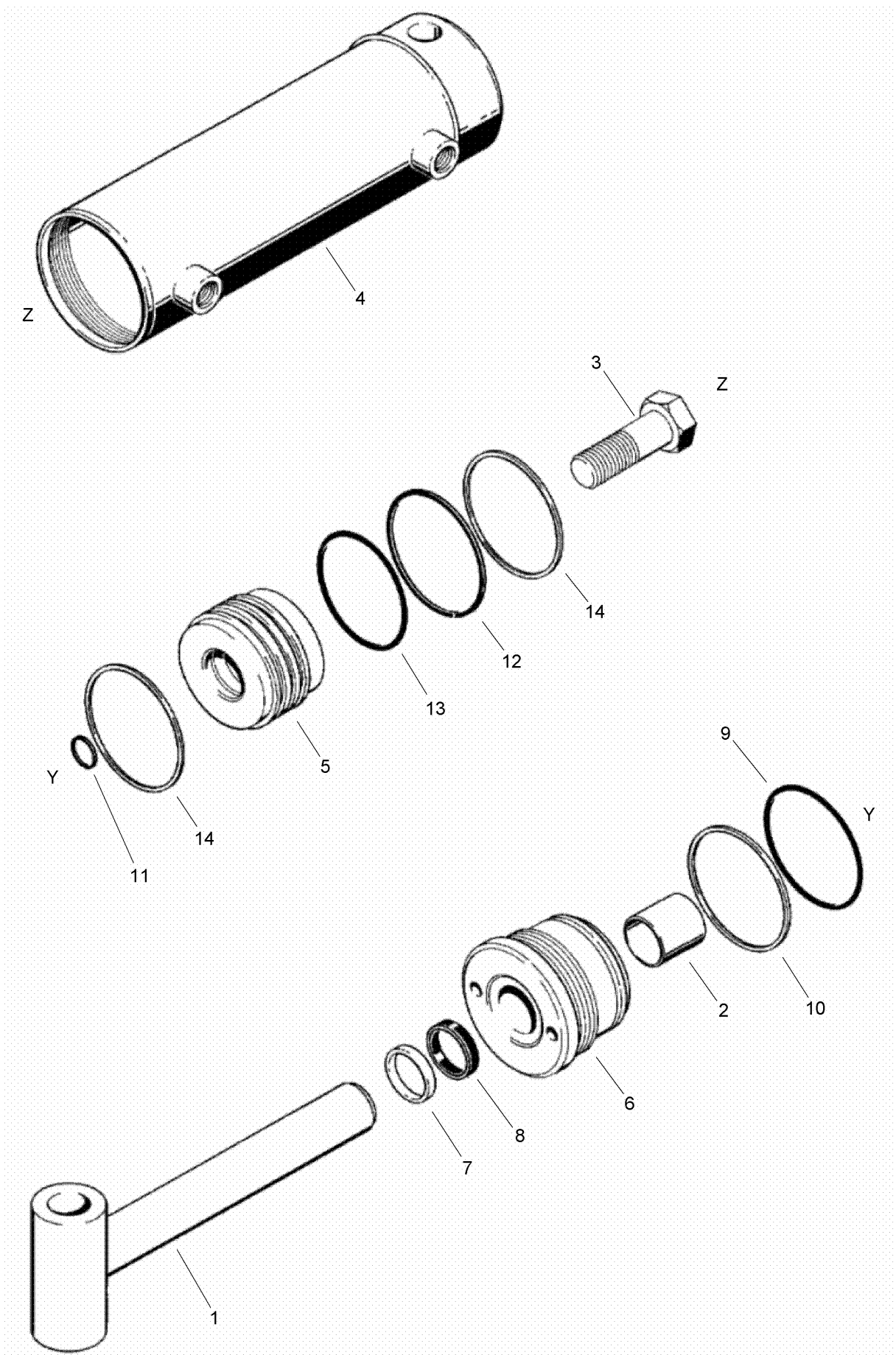
Backfill Blade Tilt Cylinder Assembly (continued)

<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>
	AUH673747	1	Cylinder ASM-63.5 (2-1/2) Id X 89 Mm (3-1/2 Inch) Stroke, Backfill Blade Tilt ●	9		1	O-Ring-Gland ■
				10		1	Ring-Backup, Gland O-Ring ■
1	AU103748A1	1	Tube-Cylinder	11		1	Wire-Locking, Gland ■
2	AU232-46112	1	Nut-Hex, Self-Locking, 3/4 Inch Nf	12		1	Seal-U-Cup, Gland ■
				13		1	Wiper-Piston Rod ■
3		1	Seal-Piston ■	14	AU103750A1	1	Clevis-Piston Rod
4		1	O-Ring-Piston ■	15	AU83-1316	1	Screw-Set, Hex Socket Headless, 5/16 NC X 3/8 Inch, Cup Point
5	AU85261C2	1	Piston-Cylinder				
6		1	O-Ring-Piston Rod ■		AU103751A2	1	Kit-Seal, Includes All Items With An Asterisk ●
7	AU103749A1	1	Rod-Piston				
8	AU103746A1	1	Gland-Cylinder				

● Not illustrated

■ Not serviced separately

Backfill Blade Angle Cylinder Assembly



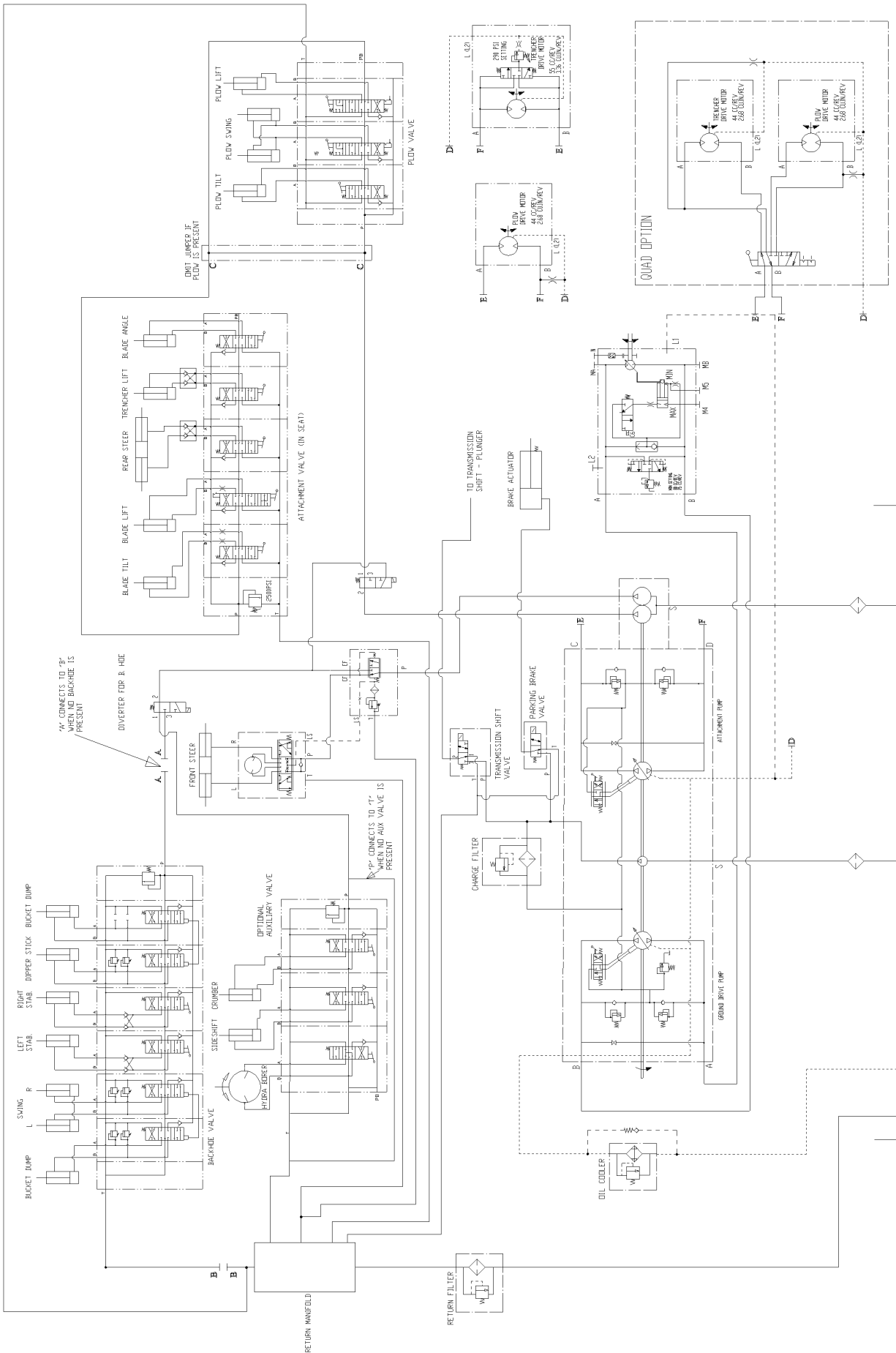
Backfill Blade Angle Cylinder Assembly (continued)

<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>
	AU103989A1	1	HYD Cylinder ASM ●	8		1	Seal-U-Cup ■
1	AU117269A1	1	Rod	9		1	O-Ring-Gland ■
2	AU117271A1	1	Bushing	10		1	Ring-Backup, Gland ■
3	AU328-1441	1	Capscrew, 3/8 Nf X 2-1/2, GR8	11		1	O-Ring-Piston Rod ■
4	AU117268A1	1	Case-A	12		1	Piston Seal ■
5	AU117267A1	1	Piston	13		1	O-Ring-Piston ■
6	AU117270A1	1	Head	14		2	Wear Ring ■
7		1	Wiper-Piston Rod ■	15	AU117272A1	1	Seal Kit ●

● Not illustrated

■ Not serviced separately

Hydraulic Schematic

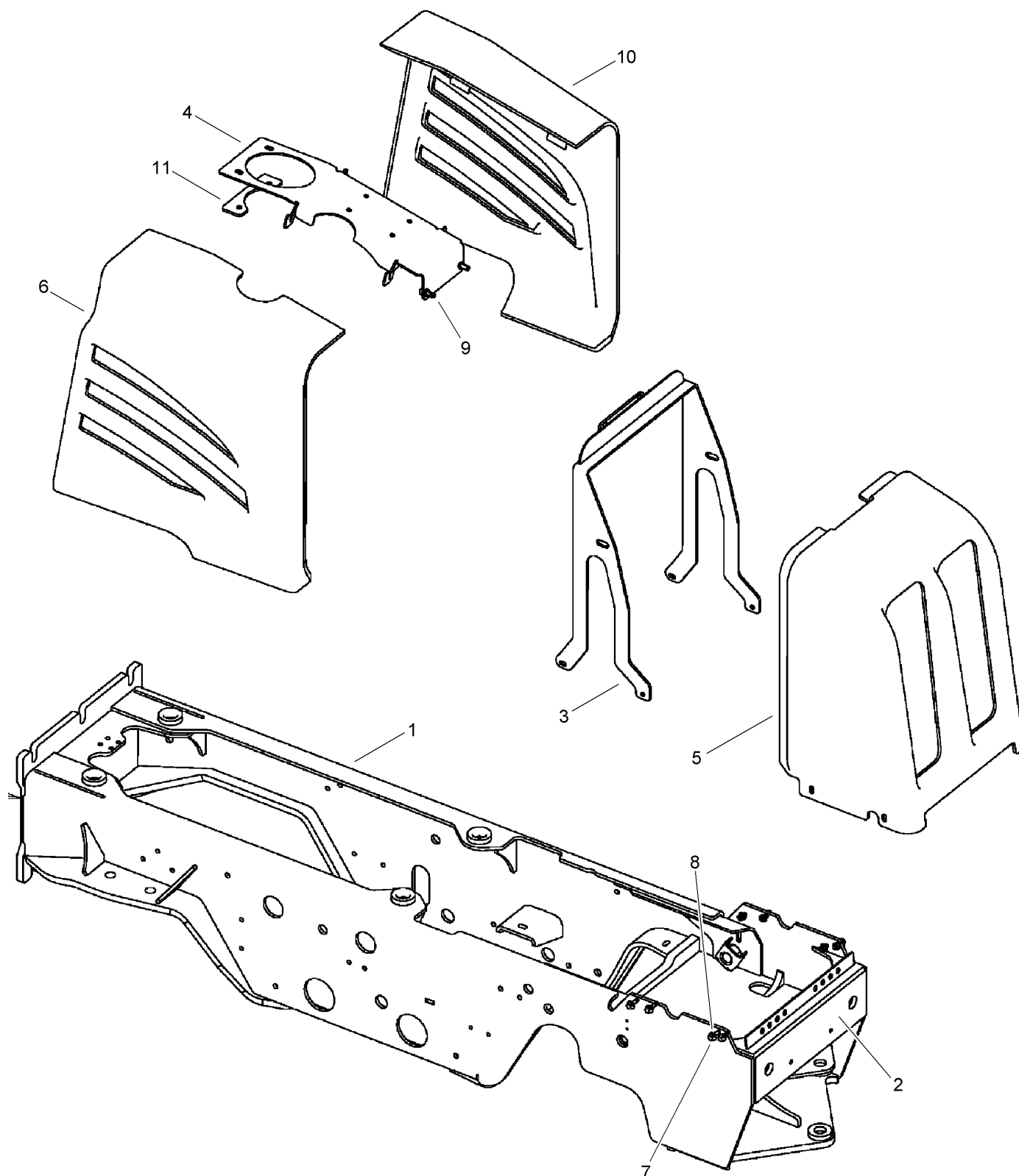


Hydraulic Schematic (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU127045	1	Schematic-Hydraulics •

• Not illustrated

Chassis, Hood and Cover Assembly

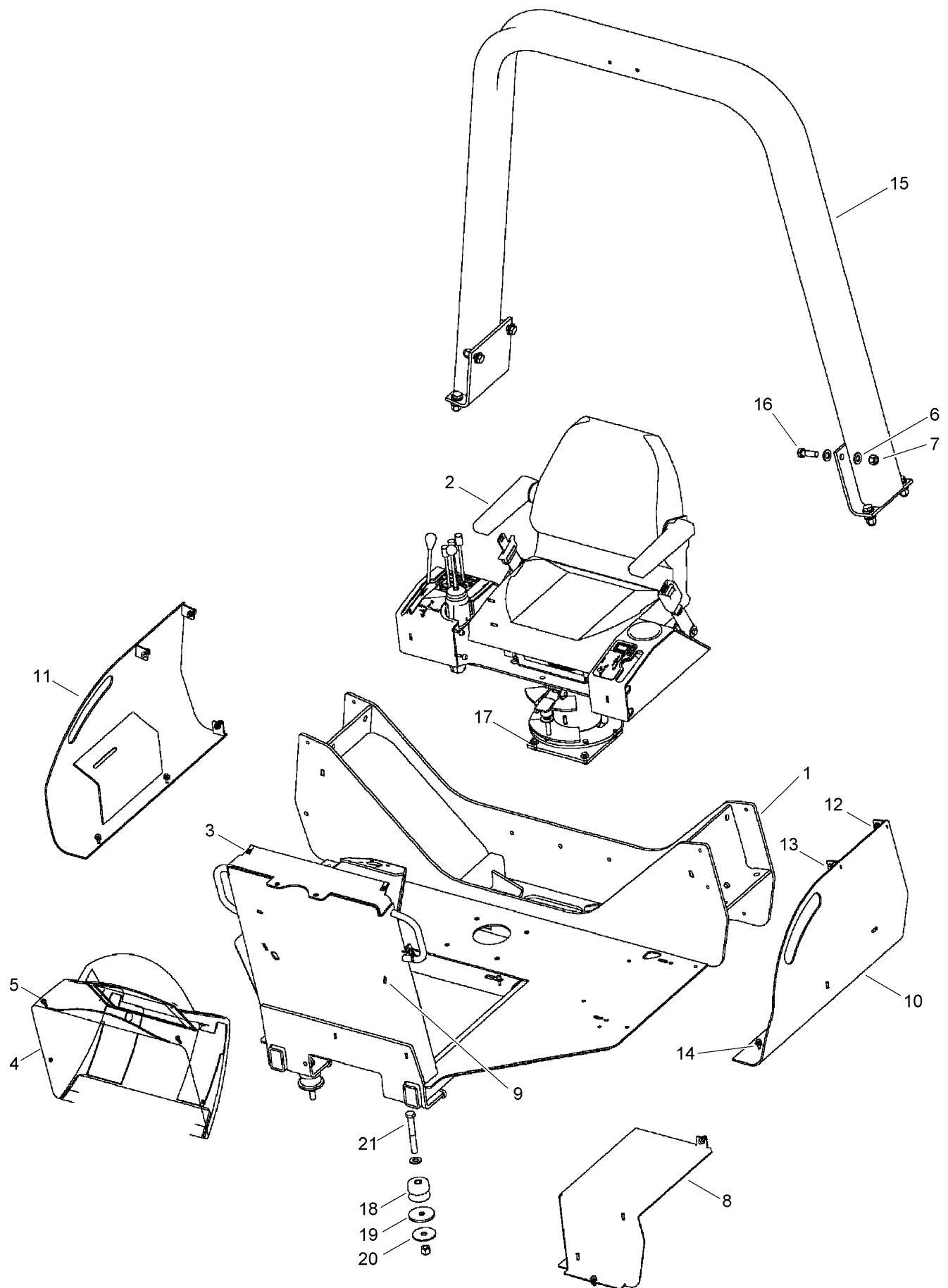


Chassis, Hood and Cover Assembly (continued)

<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>
	AU125304	1	ASM-Chassis, Hood And Covers ●	6	AU125499	1	Hood-RH
1	AU125284	1	Weldment-Chassis	7	AU100877	8	Screw-HH
2	AU232-41120	4	Nut-Hex	8	AU100527	4	Nut-Flange, Nylock
3	AU125441	1	ASM-Hood Support	9	AU101477	2	Screw, Metric Flange W/Body-M12 X 30
4	AU125328	1	Weldment-Hood Support Plate	10	AU125500	1	Hood-LH
5	AU125495	1	Clip-Nose	11	AU125509	1	Plate-Spacer

● Not illustrated

Operator's Station Assembly

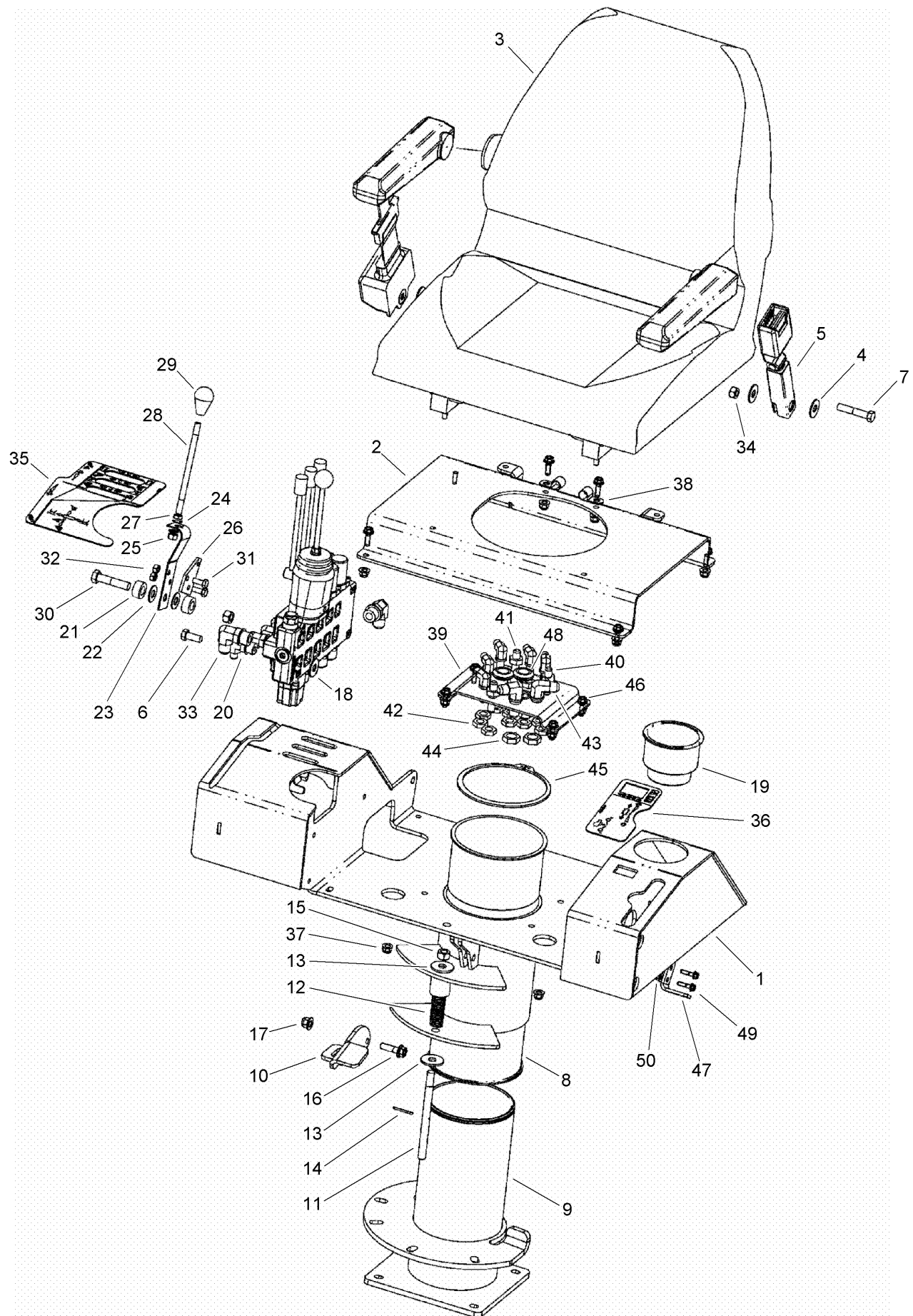


Operator's Station Assembly (continued)

<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>
	AU125144	1	ASM-Operators Station ●	12	AU100873	7	Screw-HH
1	AU125145	1	Weldment-Operators Platform	13	AU100443	14	Nut, Metric Hex Flange - M8, Zinc
2	AU125344	1	ASM-Seat	14	AU100872	7	Screw, Metric Flange W/Body - M8 X 20
3	AU100861	8	Nut-U	15	AU399010A4	1	ROPS
4	AU121459	1	Panel-Dash	16	AU426-1032	8	Bolt-Hex Hd 0.625 X 2.00 GR8 Znd
5	AU100870	8	Screw, Metric Flange W/Body-M6 X 25	17	AU100876	4	Screw-Flange
6	AUH426809	20	Washer-Flat	18	AUA141451	4	Mount-Rear
7	AU232-41110	12	Nut-Lock, Hex	19	AUA141470	4	Washer-Snubbing
8	AU125234	1	Cover-Battery	20	AUD89007	4	Washer
9	AU125397	1	Plate-Kick	21	AU113-2649	4	Screw-HH
10	AU125419	1	Weldment-Fender, LH				
11	AU125424	1	Weldment-Fender, RH				

● Not illustrated

Operator's Seat and Control Assembly

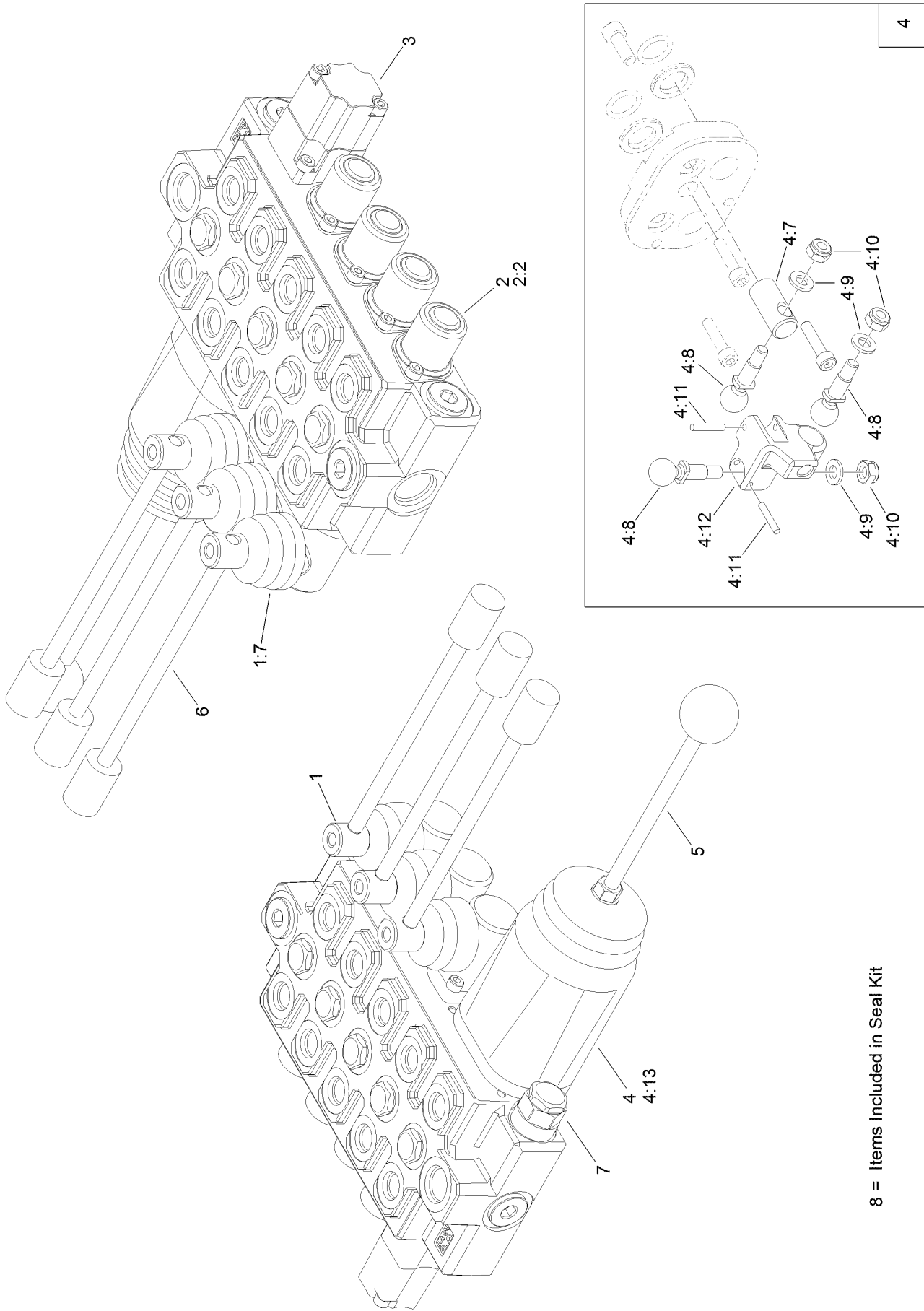


Operator's Seat and Control Assembly (continued)

<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>
	AU125344	1	ASM-Seat ●	28	AU114524A1	1	Rod-Linkage
1	AU125347	1	Weldment-Seat Mount	29	AUA14051	1	Knob-Control
2	AU126446	1	Weldment-Seat Mount	30	AU426-836	1	Bolt-Hex Hd 0.500 X 2.25 GR8 Znd
3	AU126597	1	Seat ASM	31	AU413-512	2	Bolt-Hex Hd 0.312 X 0.75 GR5 Znd
4	AU495-21050	4	Washer-Flat	32	AU425-105	2	Nut-Hex 0.312-18 GR5 Znd
5	AU249116A1	1	Seat Belt ASM	33	AU218-5107	2	Elbow-90 Adj 37FI 5/8 Tube
6	AU428-716	1	Screw-HH	34	AU425-117	2	Nut-Hex 0.438-20 Unf GR5 Znd
7	AU428-736	1	Screw-HH	35	AU125589	1	Decal-Controls, RH
8	AU125246	2	Bearing-Seat Pivot Bushing	36	AU125590	1	Decal-Controls, LH
9	AU125352	1	Mount-Seat	37	AU100526	14	Nut-Torque, Prevailing
10	AU124119	1	Plate-Seat Latch	38	AU515-23159	2	Clamp-R
11	AU108909	1	Rod-Swing, Seat	39	AU126022	1	Plate-Seat Bulkhead
12	AU109011	1	Spring-Pivot Lock, Seat	40	AU218-693	5	Elbow
13	AU495-81163	2	Washer-Flat	41	AU218-673	5	Union-Bulkhead
14	AU432-816	1	Pin-Cotter	42	AU218-1254	10	Nut-Lock, Bulkhead
15	AU425-108	2	Nut-Hex 0.500-13 GR5 Znd	43	AU218-694	2	Elbow
16	AU100878	1	Screw-HHF	44	AU218-1255	2	Nut-Lock
17	AU100527	1	Nut-Flange, Nylock	45	AU126291	1	Ring-Retaining
18	AU125537	1	HYD Control Valve ASM	46	AU100873	10	Screw-HH
19	AU8EO24121	1	Cup-Holder	47	AU126427	1	Plate-Mount
20	AU218-5128	5	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube	48	AU126438	2	Grommet-Rubber
21	AUH428284	2	Spacer-Gearbox	49	AU100870	2	Screw, Metric Flange W/Body-M6 X 25
22	AUH256305	2	Washer-Friction	50	AU100525	2	Nut, Metric Flange Prevailing - M6 Zinc
23	AUH434691	1	Lever-Speed Control				
24	AU196-1	2	Washer-3/8 Ht				
25	AU425-106	1	Nut-Hex 0.375-16 GR5 Znd				
26	AU125544	1	Plate-Cable Mtg				
27	AU425-146	1	Nut-Hex Jam 0.375-16 GR5 Znd				

● Not illustrated

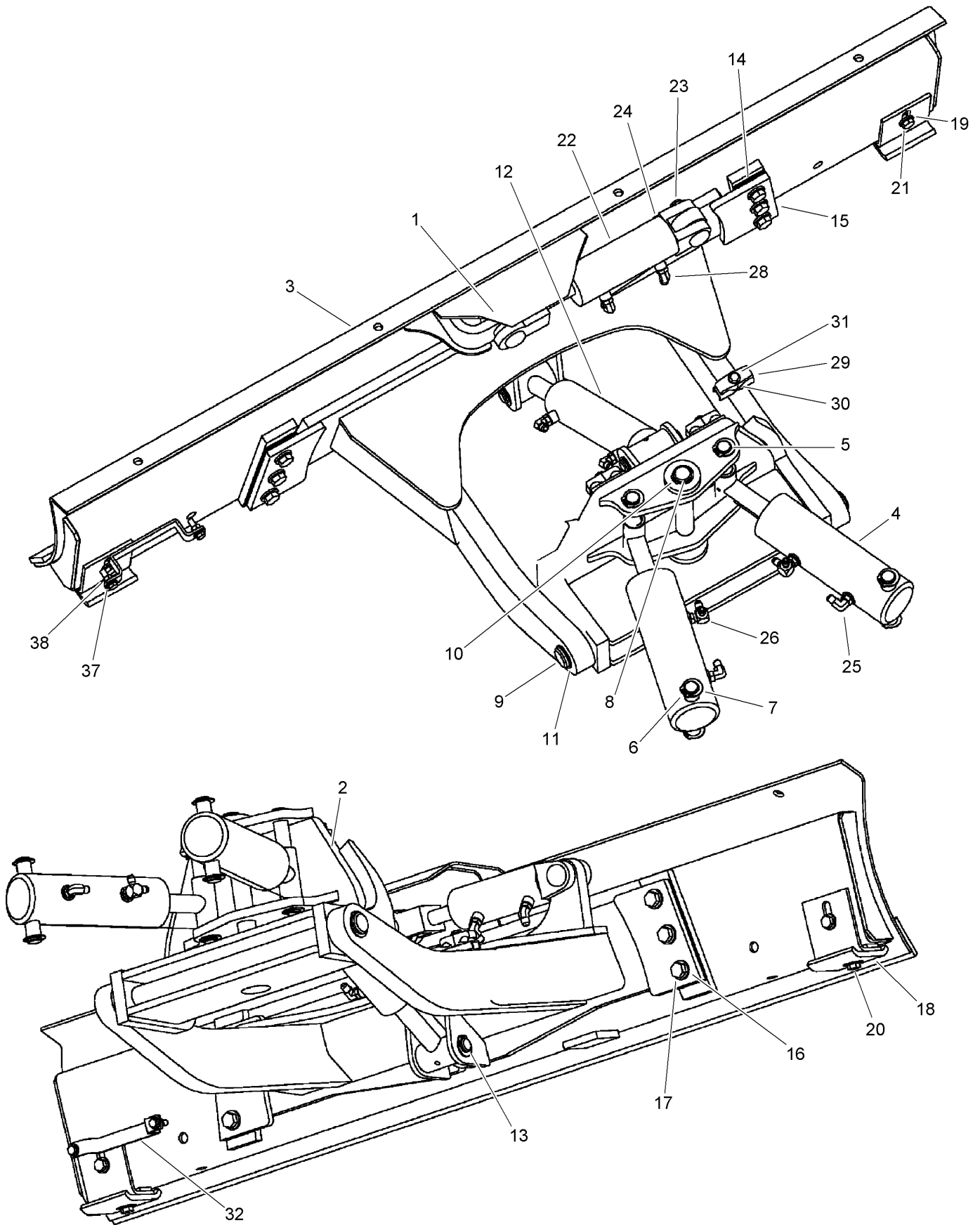
Hydraulic Control Valve Assembly No. AU125537



Hydraulic Control Valve Assembly No. AU125537 (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	130-8866	3	Spool-Control	4:10	33023-00	3	Nut-Lock
1:7	130-8867	1	Boot-Rubber	4:11	110-7192	2	Pin-Roll
2	130-8868	1	Spool-Control	4:12	130-8876	1	Joint-Joystick, RH
2:2	130-8869	1	Cap-Spool, Control	4:13	131-2640	1	Boot-Joystick
3	130-8871	1	Spool-Control	5	136-7652	1	Lever-Long
4	130-8872	1	Joystick-Mechanism, RH	6	136-7653	3	Lever-Short
4:7	130-8873	1	Pin-Foundation, Joint	7	137-4409	1	Valve-Relief
4:8	130-8874	3	Ball-Joystick	8	139-8878	1	Seal Kit
4:9	09472	3	Washer-Plain				

Backfill Blade Assembly



Backfill Blade 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>
	AU125294	1	ASM-Backfill Blade ●	21	AU426-820	2	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd
1	AU103984A1	1	Weldment-Backfill Blade Frame	22	AUH673747	1	Cylinder ASM-63.5 (2-1/2) Id X 89 Mm (3-1/2 Inch) Stroke, Backfill Blade Tilt
2	AU125298	1	Weldment-Backfill Blade Pivot	23	AU439-11648	2	Pin-Headed
3	AUH673758	1	Weldment-Backfill Blade	24	AU432-1632	2	Pin-Cotter 0.25 X 2.00 In Zn
4	AU103989A1	2	HYD Cylinder ASM	25	AU218-5105	5	Elbow-90 DEG (Adjustable 37 DEG)
5	AU125503	2	Pin-Link	26	AUL104616	2	Fitting
6	AU125502	2	Pin-Link	27	AU107623A1	2	ASM-Hose, Angle ●
7	AUH753244	12	Ring-Retainer	28	AU218-5135	1	Elbow-45 Adj 37FI 3/8 Tube
8	AU125547	1	Pin-Pivot	29	AUH438314	3	Clamp
9	AU103993A1	1	Pin-Frame	30	AU224-2206	3	Nut-Square
10	AU103-16125	2	Ring-Retaining	31	AU426-620	5	Bolt
11	AUD25279	2	Ring	32	AUH438472	1	Bracket-Hose
12	AUH674312	1	HYD Cylinder ASM	33	AUH438495	1	ASM-Hose, Tilt ●
13	AUH437684	2	Pin-Cylinder	34	AUH438496	1	ASM-Hose, Tilt ●
14	AUH438278	8	Shim-Retainer	35	AUH438497	2	ASM-Hose, Lift ●
15	AUH438273	2	Retainer-Blade	36	AUH436615	2	Sleeve-Hose Protector ●
16	AUH426809	6	Washer-Flat	37	AU496-21041	5	Washer-Flat
17	AU426-1024	6	Bolt-Hex Hd 5/8 X 1-1/2 GR5 Znd	38	AU231-5146	2	Nut-Serr Flg 3/8-16 Unc GR5 Znd
18	AU128471A1	2	Weldment-Skid Shoe	39	AU7-47610	1	Instructions-Installation ●
19	AU496-21053	12	Washer-Flat				
20	AU426-828	2	Bolt-Hex Hd 1/2 X 1-3/4 GR5 Znd				

● Not illustrated

Spill Guard Assembly

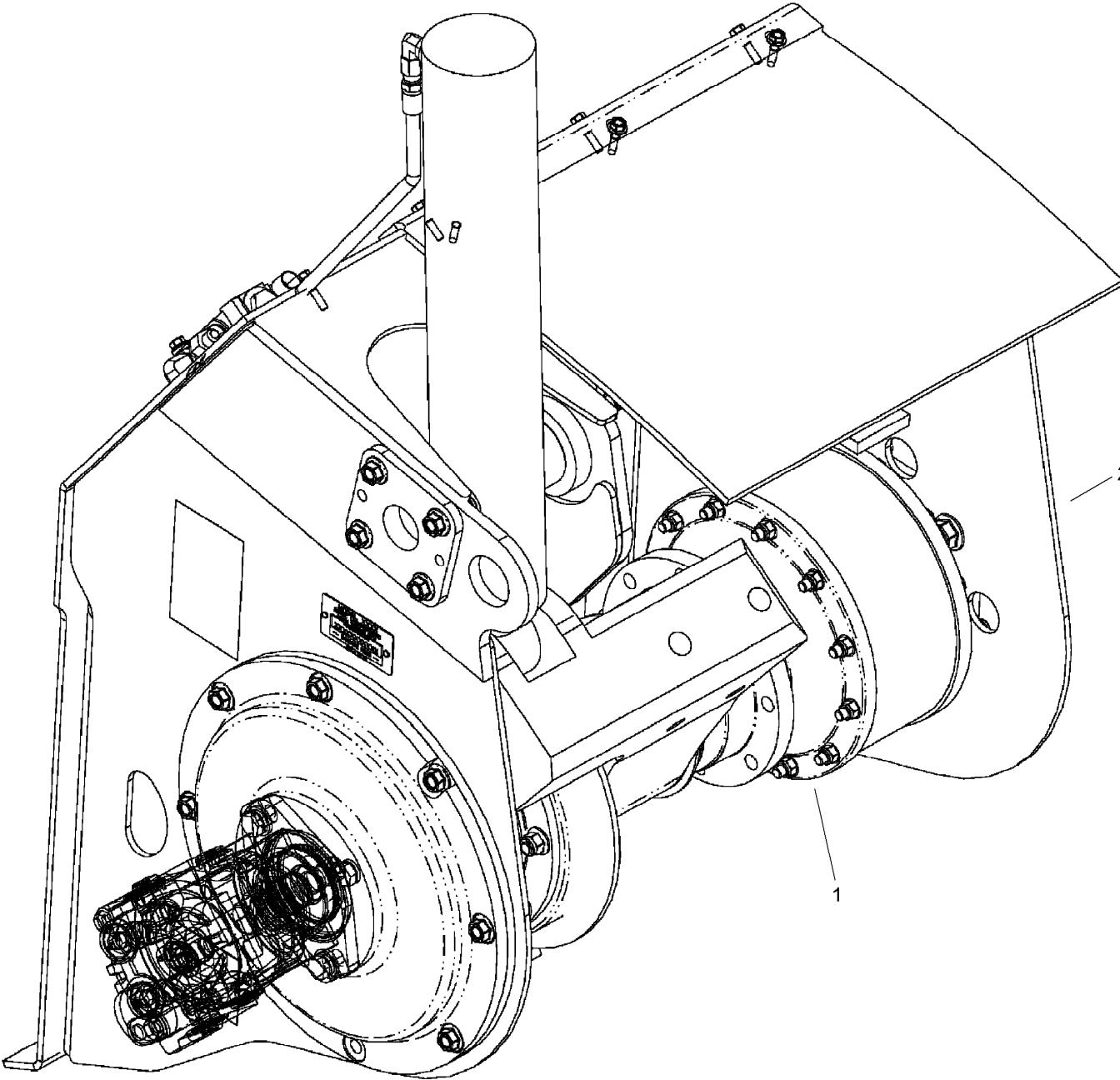
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Spill Guard Assembly (continued)

<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>
	AUH939232	1	ASM-Spill Guard ●	3	AU496-21053	8	Washer-Flat ●
1	AU128305A1	1	Extension-Backfill ●	4	AU232-4118	4	Nut-Hex ●
2	AU426-820	4	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd ●	5	AU8-79162	1	Instructions-Installation ●

● Not illustrated

Trencher - HD Centerline Assembly

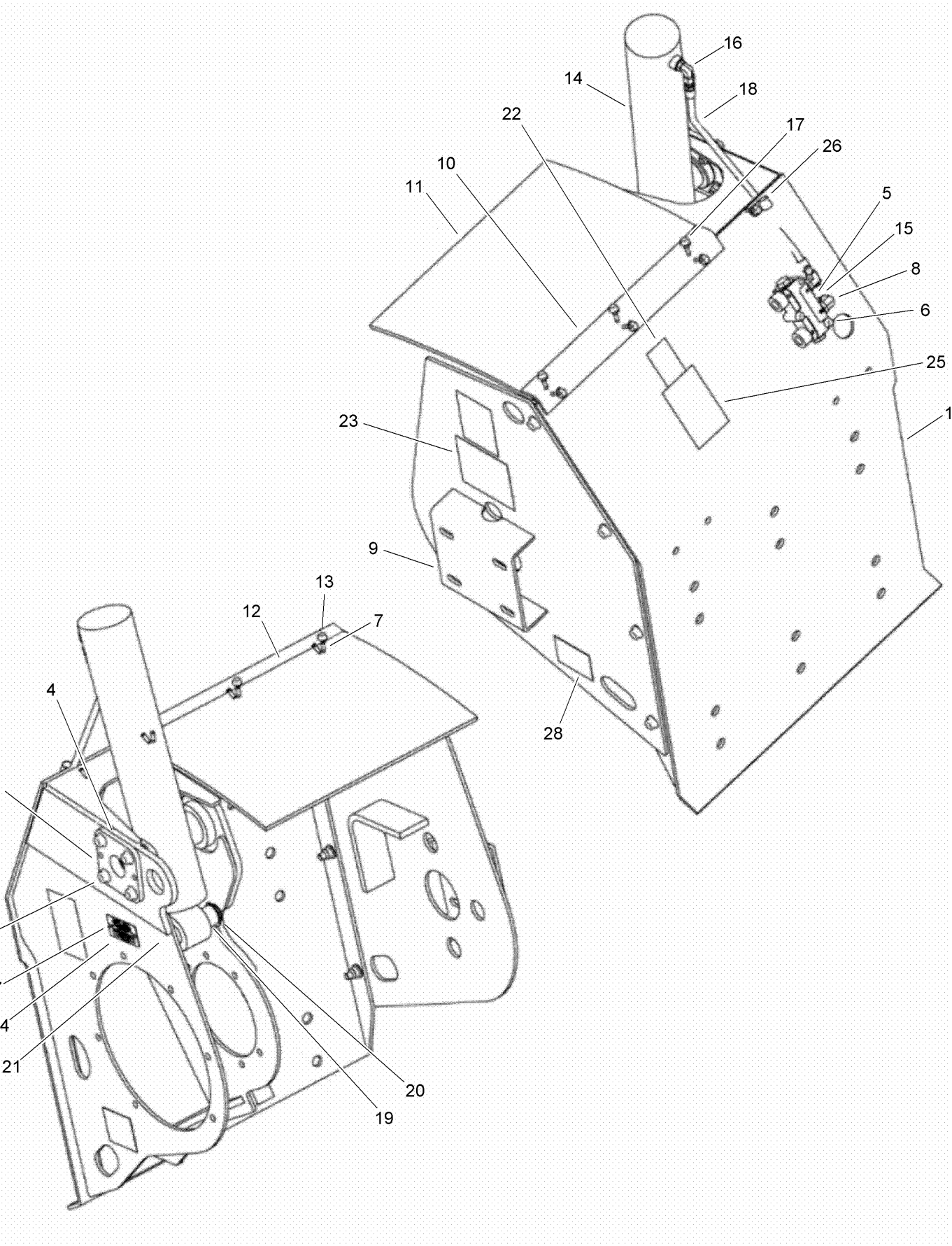


Trencher - HD Centerline Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU125979	1	ASM-HD Centerline Trencher ●
1	AU125975	1	ASM-Trencher Drive
2	AU125985	1	ASM-Trencher Frame

● Not illustrated

Trencher Frame Assembly

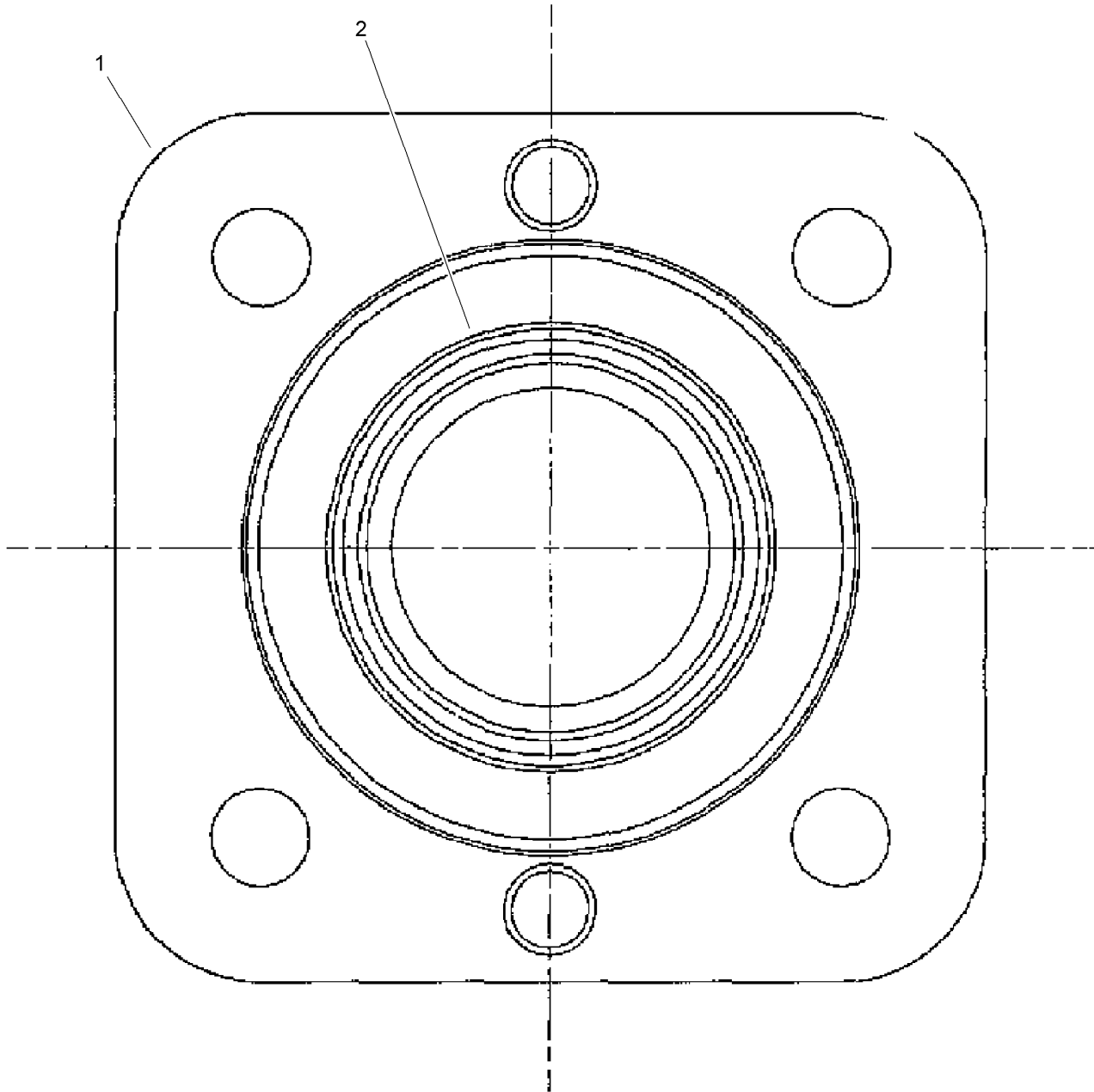


Trencher Frame Assembly (continued)

<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>
	AU125985	1	ASM-Trencher Frame ●	16	AU218-5105	1	Elbow-90 DEG (Adjustable 37 DEG)
1	AU125987	1	Weldment-Trencher Frame	17	AU218-5057	1	Connector-Str Thd 3/8, 37FI-ORB 3/8
2	AU123494A1	1	Pivot Block ASM	18	AU109641A1	1	Hose-Hydraulic
3	AU100830	8	Screw	19	AU221253A1	1	Pin-Pivot
4	AU100528	8	Nut-HHF, Lock	20	AUD25279	2	Ring
5	AUH672547	1	HYD Lockout Valve ASM	21	AU219-1	1	Fitting-Lube 1/8-27 Dryseal Ptf
6	AU100323	2	Screw-Flange	22	AU110578	1	Decal-Warning, Call Before Digging
7	AU100526	9	Nut-Torque, Prevailing	23	AU115196	1	Decal-Planetary Oil / Lube Lever
8	AU218-5128	2	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube	24	AU100572	1	Plate - Serial Number
9	AU125986	1	Weldment-Bearing Support Plate	25	AU419471A1	3	Decal-Danger, Trencher Entanglement Hazard
10	AU117207A1	1	Angle-Dirt Deflector	26	AU515-23159	1	Clamp-R
11	AU117206A1	1	Deflector-Dirt	27	AU104193	2	Tack-Fastener, Steel
12	AU117205A1	1	Strip-Dirt Deflector	28	AU139728A1	2	Decal-Tie Down
13	AU100398	7	Screw, Metric Flange Full - M8 X 25				
14	AU127214	1	Cylinder-Boom Lift				
15	AUD081836	1	Hose-Hydraulic				

● Not illustrated

Pivot Assembly

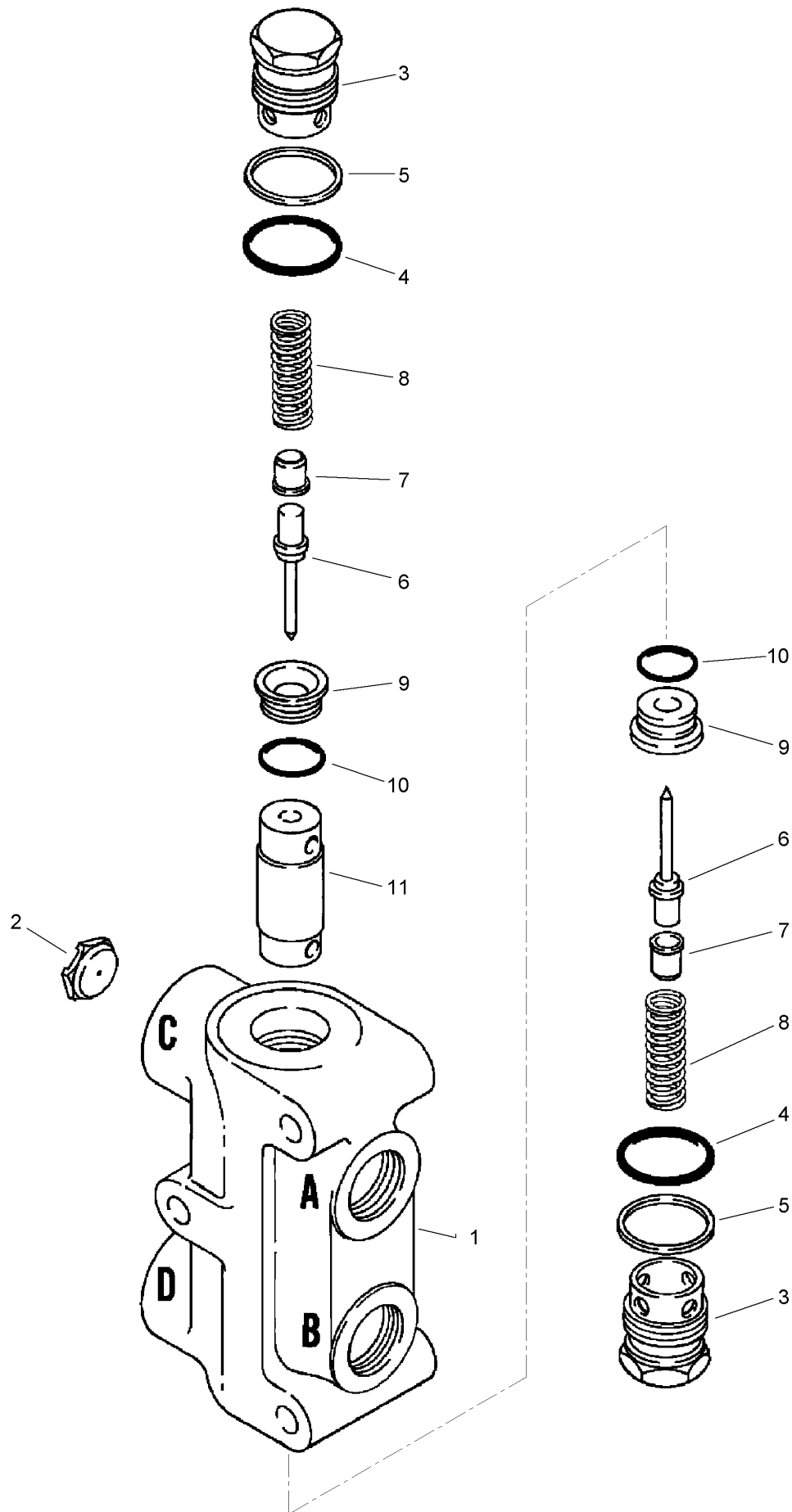


Pivot Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU123494A1	1	Pivot Block ASM ●
1	AU123495A1	1	Pivot-Lift Cylinder
2	AUH436164	1	Bushing

● Not illustrated

Lockout Valve Assembly



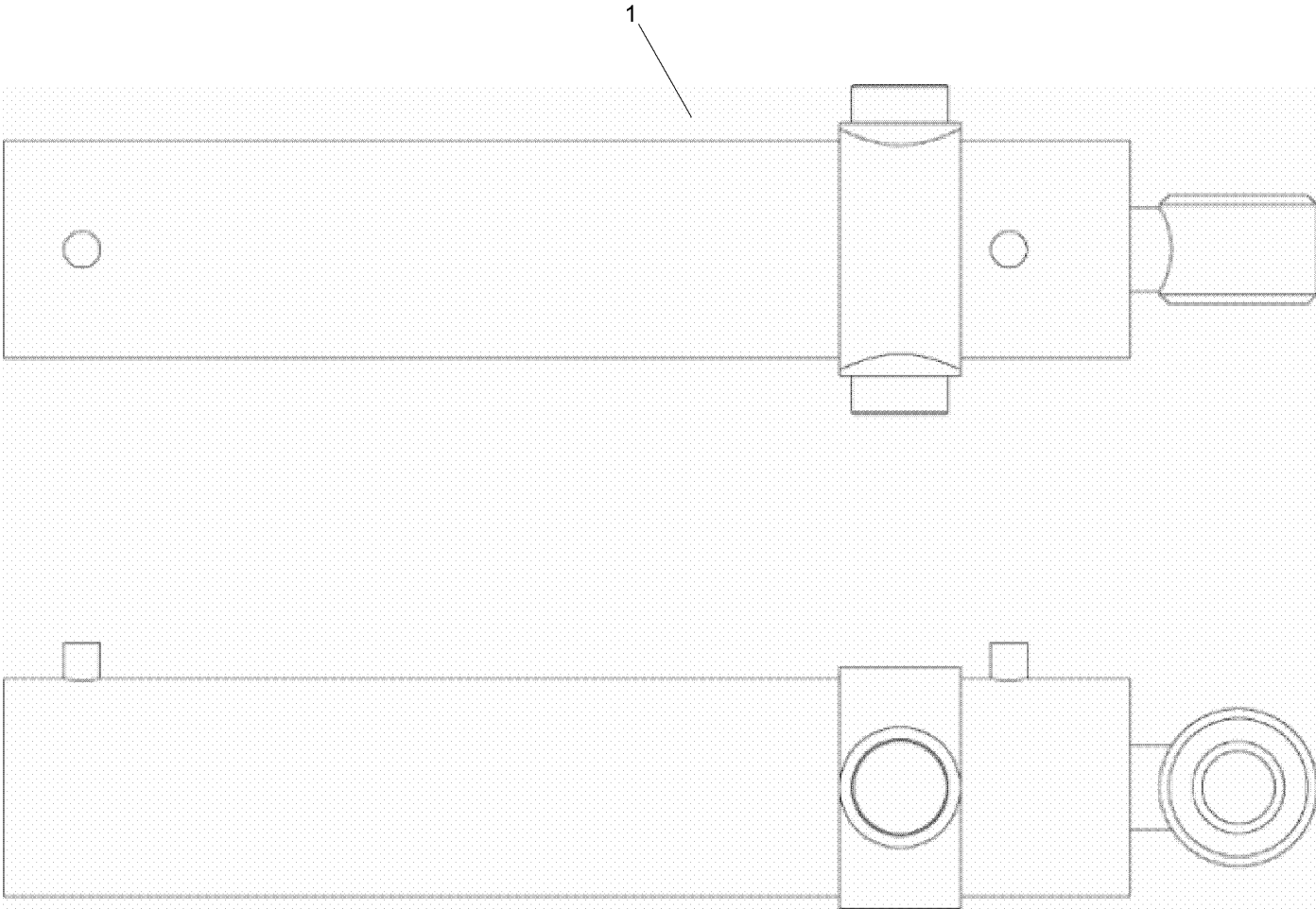
Lockout Valve Assembly (continued)

<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>
	AUH672547	1	HYD Lockout Valve ASM ●	6	AUF88777	2	Poppet
1	AUH267948	1	Housing	7	AUN13488	2	Eyelet-Poppet
2	AUH270603	1	Plate-Orifice	8	AUA43533	2	Spring
	AUA43525	2	Plug ASM ●		AUN13369	2	Seat ASM ●
3		1	Plug ■	9		1	Seat ■
4	AU238-6116	1	O-Ring	10	AU238-6016	1	O-Ring
5	AUS302062	1	Ring	11	AUN13489	1	Plunger

● Not illustrated

■ Not serviced separately

Hydraulic Cylinder Assembly



Hydraulic Cylinder Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU127214	1	Cylinder-Boom Lift
2	AU128067	1	Kit-Gland Seal ●
3	AU128068	1	Kit-Piston Seal ●

● Not illustrated

Hydraulic Cylinder Assembly No. AU114705A2

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Hydraulic Cylinder Assembly No. AU114705A2 (continued)

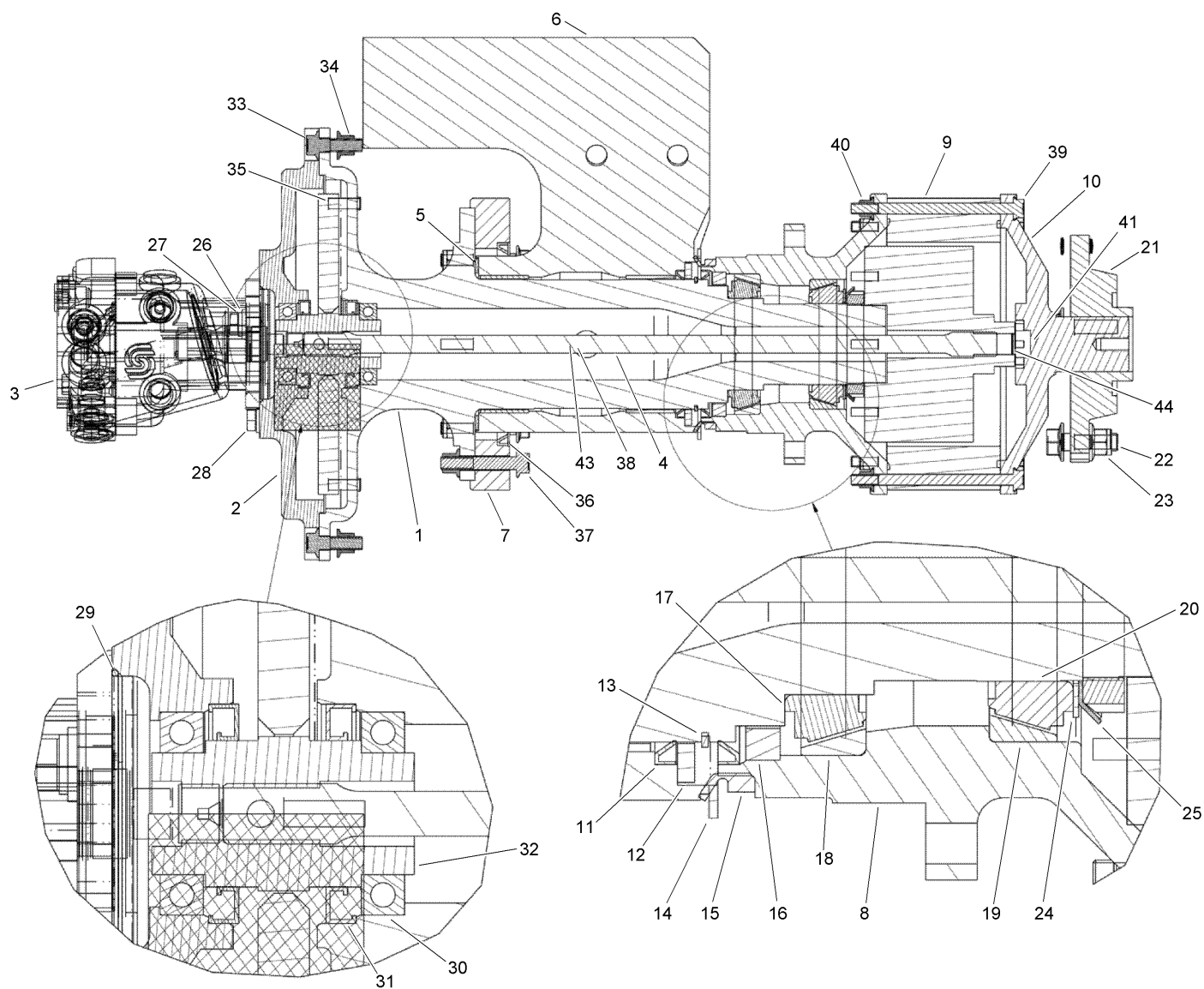
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU114705A2	1	Cylinder-Hydraulic ●
1	AU1332299	2	Ring-Wear ●■
2	AU1332315	1	Seal-Piston ●■
3	AU5102145	1	O-Ring ●■
4	AU1340781	1	Piston ●
5	AU5009128	1	O-Ring ●■
6	AU1340144	1	ASM-Case ●
7	AU1340147	1	ASM-Shaft ●
8	AU1340782	1	Head ●
9	AU5006232	1	O-Ring ●■

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	AU5034232	1	Ring-Backup ●■
11	AU1334749	1	Ring-Wear ●
12	AU1327004	1	U-Cup ●■
13	AU1324909	1	Wiper ●■
14	AU5061001	1	Capscrew ●
15	AU1327445	1	Zerk-Grease ●
16	AU5082428	1	Ring-Snap ●
17	AU5034128	2	Ring-Backup ●■
18	AU1340795	1	Kit-Seal (Contains All Items Noted In Service Kit) ●■

● Not illustrated

■ Included in a service kit or in an assembly

Trencher Drive Assembly Heavy Duty Trencher



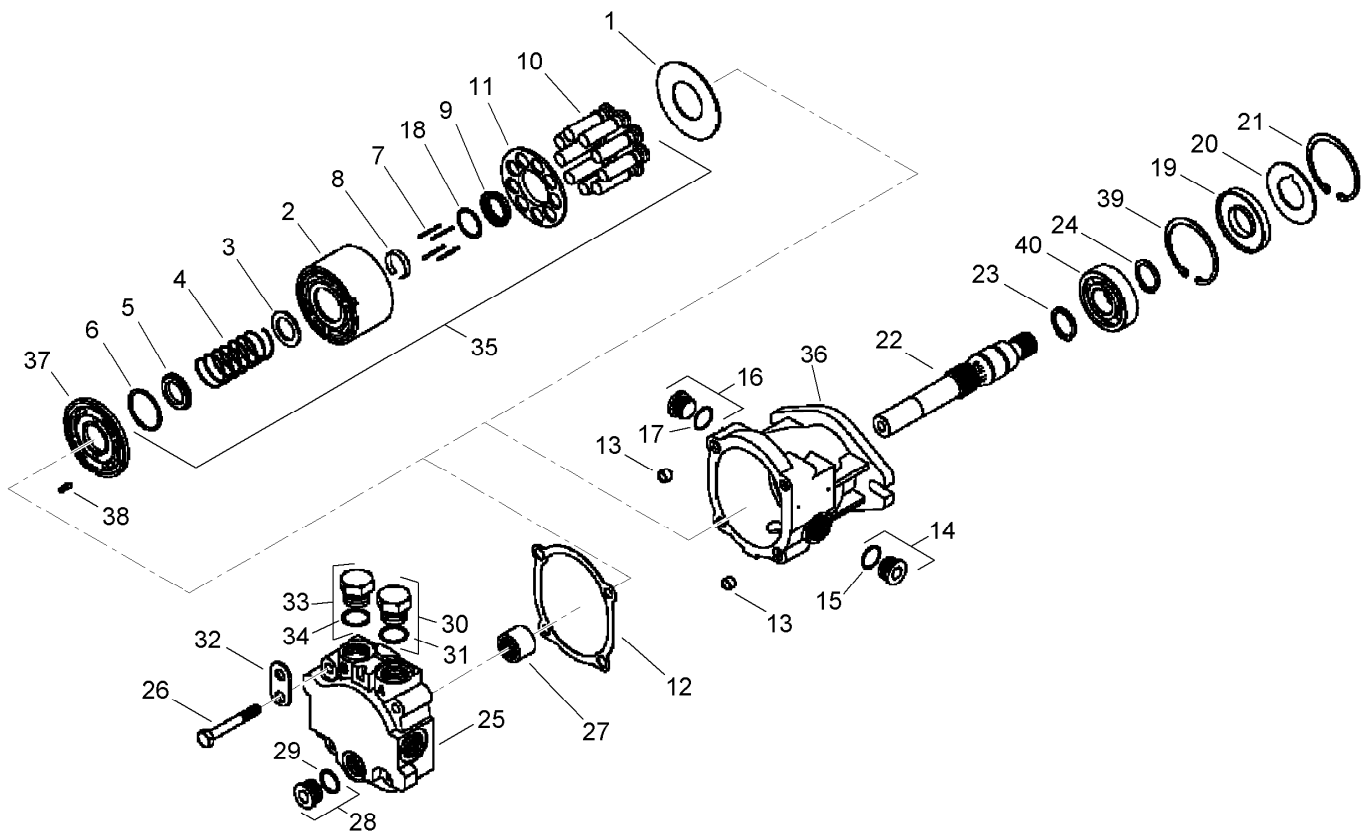
Trencher Drive Assembly

Heavy Duty Trencher (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>
	AU125975	1	ASM-Trencher Drive ●	26	AUH274894	2	Washer
1	AU125974	11	Pivot-Boom	27	AU492-11050	4	Washer-Spring Lock Reg 1/2 Znd
2	AUH434811	1	Cover-Flywheel				
3	AU87430035	1	HYD Motor ASM	28	AU426-820	4	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd
4	AU116461A1	1	Shaft-Drive, Trencher				
5	AUH437581	1	Washer-Thrust, Thin	29	AU238-5155	1	O-Ring
6	AU116743A1	1	Mounting-Boom	30	AUG13075	2	Bearing-Ball
7	AUH437580	1	Spacer-Pivot, Boom	31	AUH438061	2	Seal-Flywheel
8	AU125980	1	Hub-Digging Chain Sprocket	32	AU116343A1	1	Flywheel-Drive, Trencher
9	AU107470	1	Gearbox-Planetary	33	AU100830	2	Screw
10	AUH428714	1	Cover-Planetary	34	AU100528	14	Nut-HHF, Lock
11	AUH437505	2	Seal-Urethane	35	AU100348	5	Screw-HHF
12	AUH437582	1	Washer-Thrust, Thick	36	AUH437506	1	Seal-Urethane
13	AUS64875	1	Ring-Retaining, External	37	AU100352	7	Screw, Metric Flange W/Body-M12 X 70
14	AU103885A1	1	Ring-Wear				
15	AUH433852	1	Seal-Planetary, Urethane	38	AU219-1	1	Fitting-Lube 1/8-27 Dryseal Ptf
16	AUH428839	1	Seal				
17	AUA63185	1	Bearing	39	AU126667	12	Screw-HSH
18	AUA63171	1	Bearing	40	AU100527	12	Nut-Flange, Nylock
19	AUA67327	1	Cup-Bearing	41	AU221-675	2	Plug-Pipe
20	AUA67328	1	Bearing-Cone	42	AU331-70	2	Fluid-1 Lb SAE 90 Ep Transmission Oil ●
21	AUH758292	1	Bearing				
22	AU100832	4	Screw-Flange	43	AU41-1020	2	Plug-Freeze
23	AU100529	4	Nut-HHF	44	AU100-2175	1	Ring-Retaining Int Basic #75 Pln
24	AUL112617	1	Washer-Shim				
25	AU55-1015	1	Washer-Lock, Bearing				

● Not illustrated

Trencher Drive Motor Assembly



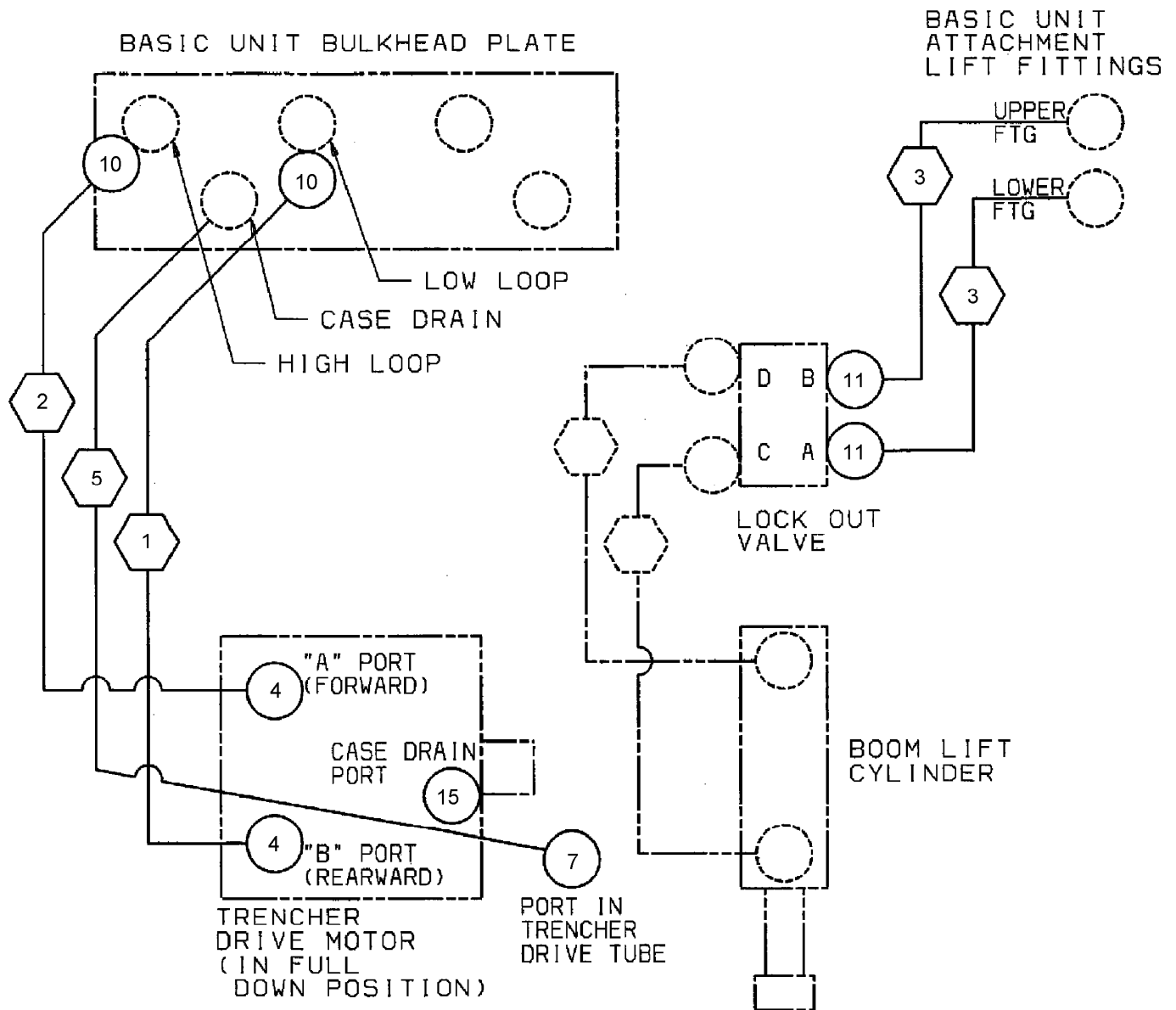
Trencher Drive Motor Assembly (continued)

<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>
	AU87430035	1	HYD Motor ASM ●	20	AU241589A1	1	Washer-Support, Seal
1	AU100700A1	1	Plate-Thrust	21		1	Ring-Retaining ■
2	AU234383A1	1	Cylinder Block Kit	22	AU87431908	1	Shaft
3	AU176372A1	1	Washer	23		1	Ring-Retaining ■
4	AU176373A1	1	Spring-Cylinder Block	24		1	Ring-Retaining ■
5	AU115950A1	1	Retainer-Cylinder Block	25	AU87431909	1	Cap-End
			Spring	26		4	Screw ■
6		1	Ring-Retaining ■	27	AU132391A1	1	Bearing-Needle
7	AU117381A1	4	Pin-Slipper Hold Down	28		1	Plug ■
8	AU117382A1	1	Retainer-Hold Down Pin	29		1	O-Ring ■
9	AU176375A1	1	Guide-Slipper Retainer	30		1	Plug ■
10		9	Asm-Piston ■	31		1	O-Ring ■
11	AU176376A1	1	Retainer-Slipper	32	AU100703A1	1	Bracket-Lifting
12	AU100705A1	1	Washer-Thrust	33		1	Plug ■
13		1	Block-Cylinder ■	34		1	O-Ring ■
14		1	Plug-Socket Head ■	35	AU100701A1	1	Gasket-End Cap
15		1	O-Ring ■	36	AU87431907	1	Housing-Fixed
16		1	Plug-Socket Head ■	37	AU100702A1	1	Plate-Valve
17		1	O-Ring ■	38		1	Pin-Slotted ■
18	AUN13994	2	Pin-Spring	39		1	Ring-Retaining ■
19	AUN14103	1	Seal-Bearing, Carrier	40		1	Bearing-Ball ■

● Not illustrated

■ Not serviced separately

Kit, Trencher Attachment - Rear Centerline Direct Drive Trencher



Kit, Trencher Attachment - Rear Centerline Direct Drive Trencher (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>
	AU120698A1	1	Kit-Direct Drive Trencher Attachment, Rear Centerline ●	9	AUH426817	10	Washer-Flat ●
1	AU127252A2	1	Hose-Low Pressure Loop	10	AU201-147	2	Reducer-16Ff-12Mf
2	AU127253A2	1	Hose-High Pressure Loop	11	AU218-5058	2	Connector
3	AU109605A1	2	Hose-Boom Lift	12	AU426-1296	2	Screw-HH ●
4	AU218-5064	2	Fitting-Straight	13	AU426-1632	2	Bolt ●
5	AU128847A1	1	Hose-Case Drain	14	AUH426833	2	Washer ●
6	AU426-1236	3	Screw-HH ●	15	AU218-5155	1	Plug-Hex Hd, ORB 3/8
7	AU218-5107	1	Elbow-90 Adj 37FI 5/8 Tube	16	AU426-1240	2	Bolt ●
8	AU232-41112	7	Nut-Prev Trq 3/4 Grc Cad Direct ●	17	AU7-47562	1	Instructions-Installation ●

● Not illustrated

Kit, Trencher - Direct Drive Centerline

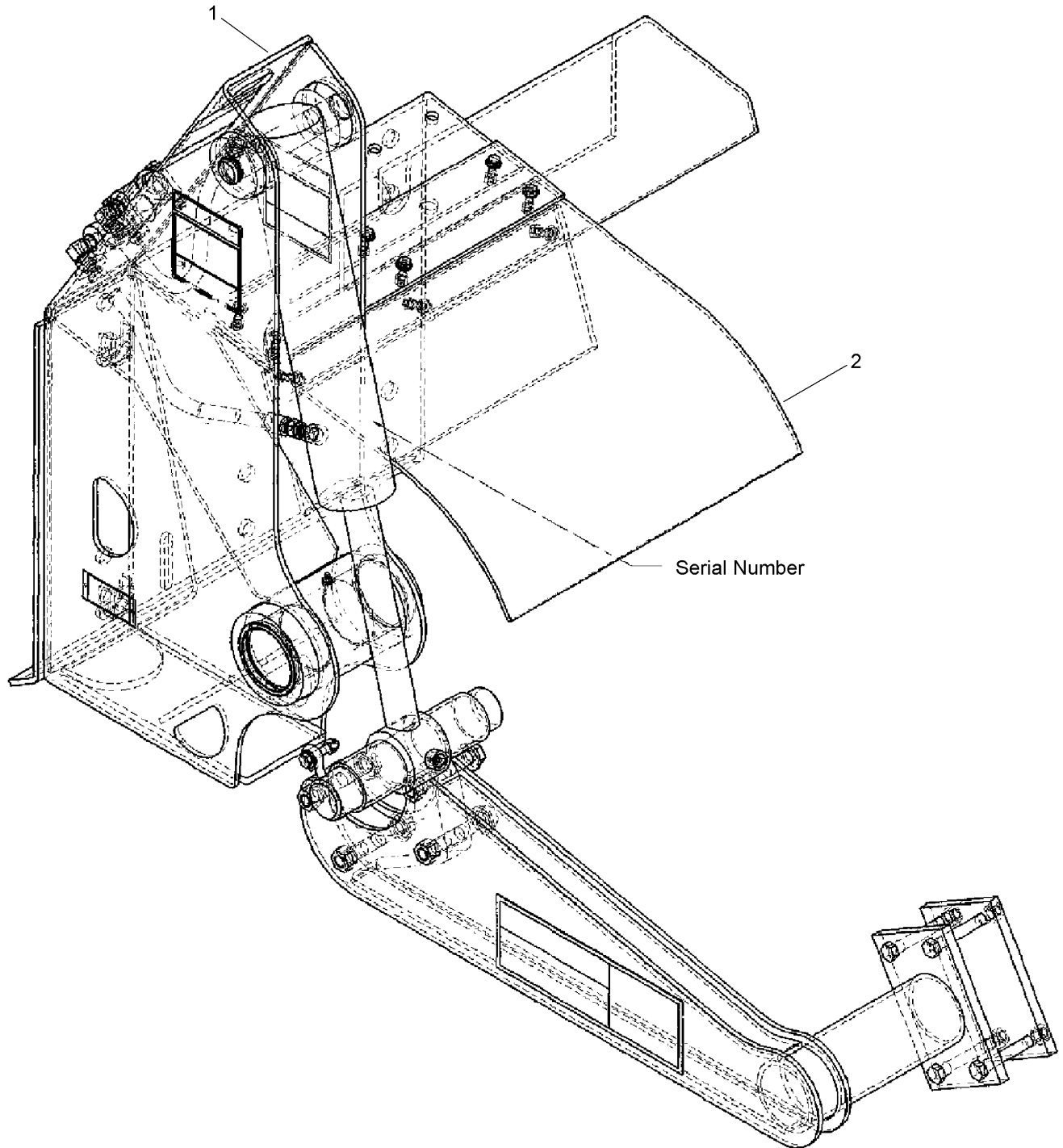
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Kit, Trencher - Direct Drive Centerline (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU120689A1	1	Kit-Direct Drive Trencher, Centerline ●
1	AU121418A1	1	Drive-Trencher ●
2	AU121417A1	1	Frame-Trencher ●

● Not illustrated

Trencher Frame - Direct Drive Centerline

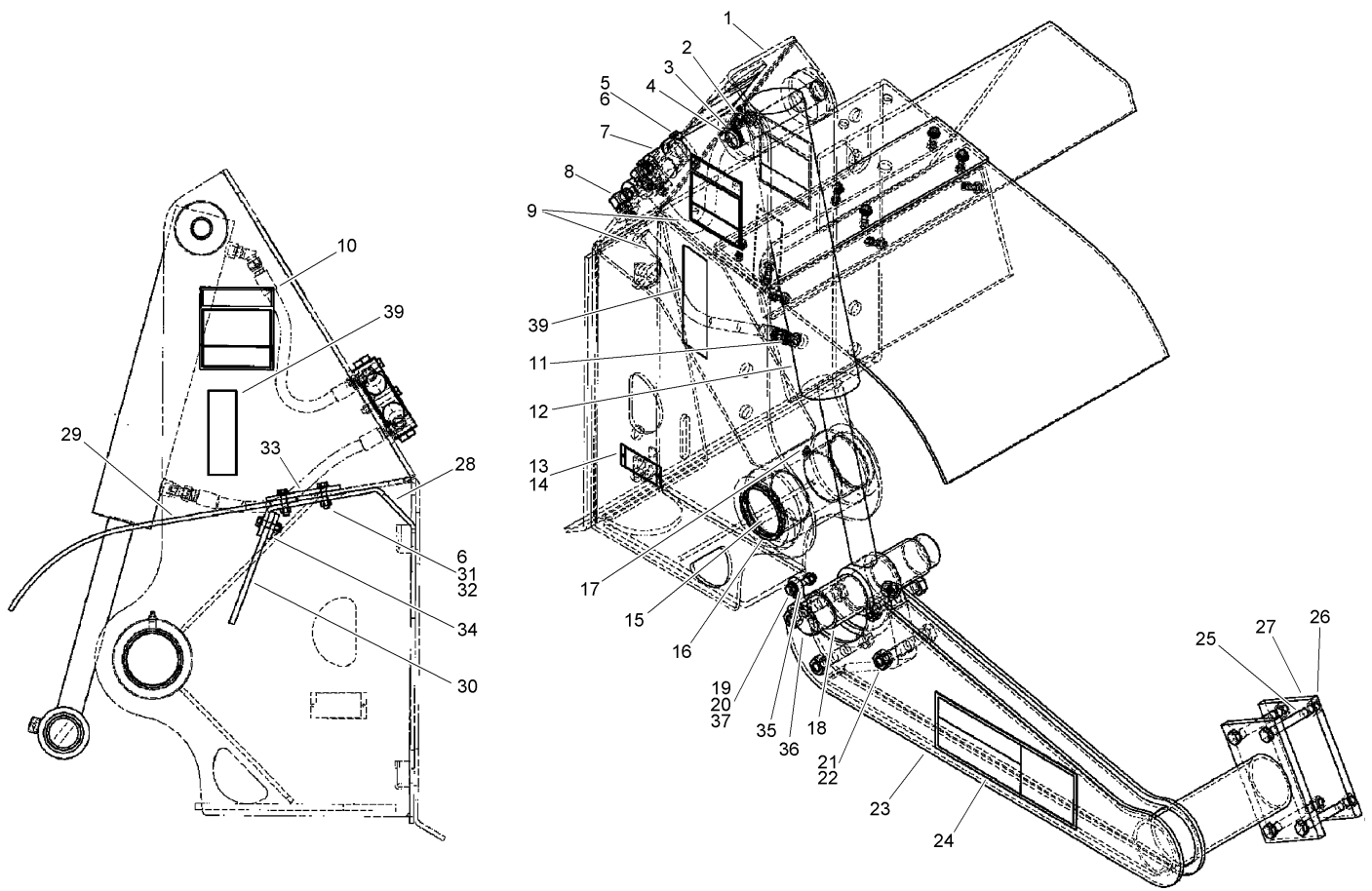


Trencher Frame - Direct Drive Centerline (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU121417A1	1	Frame-Trencher ●
1	AU120690A1	1	Frame-Trencher
2	AU125856A1	1	ASM-Trencher

● Not illustrated

Trencher Frame - Direct Drive Centerline

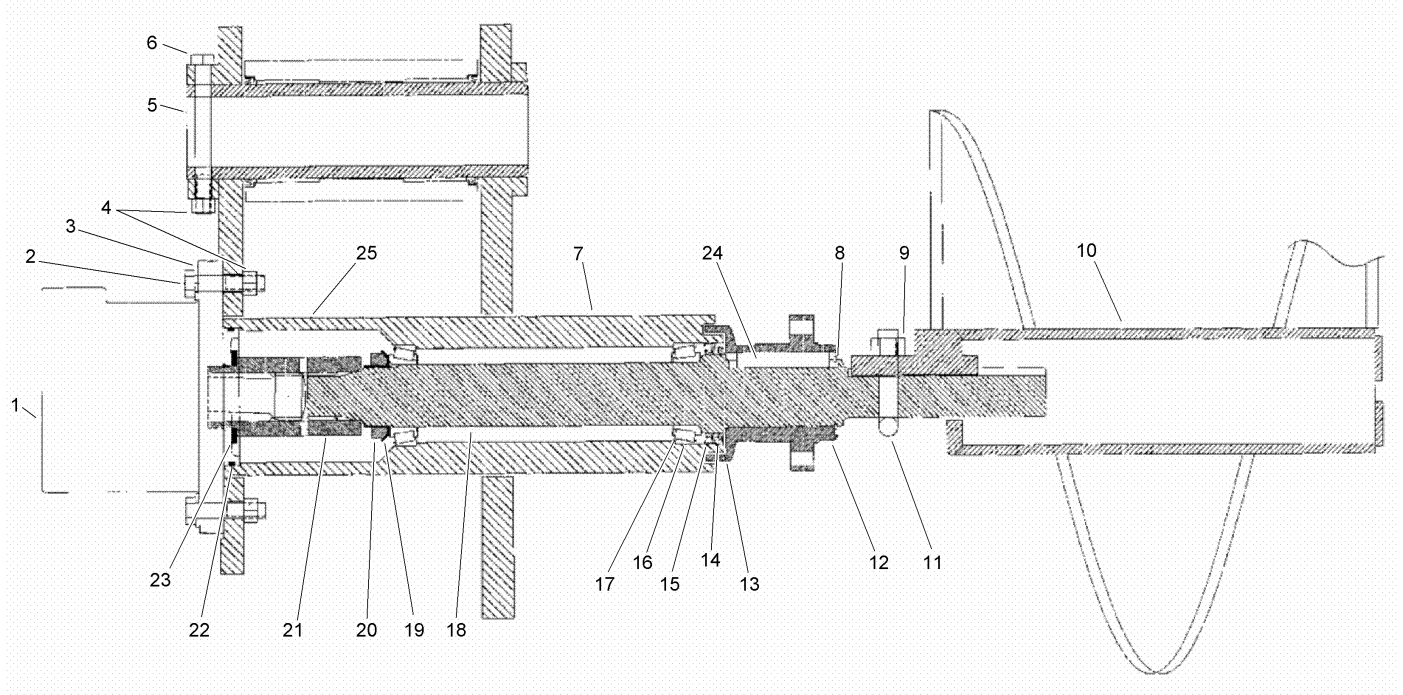


Trencher Frame - Direct Drive Centerline (continued)

<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	AU125856A1	1	ASM-Trencher	20	AU232-4116	1	Nut-Hex
2	AU218-5135	1	Elbow-45 Adj 37FI 3/8 Tube	21	AU426-1060	4	Bolt-Hex Hd 5/8 X 3-3/4 GR8
3	AU103-16125	2	Ring-Retaining	22	AU232-41110	4	Nut-Lock, Hex
4	AU125874A1	1	Pin-Boom Lift, Barrel End	23	AU122434A1	1	Mount-Crumber
5	AU426-536	2	Bolt-Hex Hd 5/16 X 2-1/4	24	AUH438999	1	Decal-Danger, Sharp Parts (Large)
6	AU232-4115	11	Nut-Hex	25	AU426-864	4	Screw-HH
7	AUH672547	1	HYD Lockout Valve ASM	26	AU232-4118	4	Nut-Hex
8	AU218-5128	2	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube	27	AU106807A1	1	Plate-Crumber Mounting
9	AUD81836	2	Hose-Lockout Valve To Lift Cylinder	28	AU130750A2	1	Extension-Dirt
10	AUH438908	3	Decal-Danger, Sharp Parts (Small)	29	AU131782A1	1	Deflector-Dirt
11	AU218-5057	1	Connector-Str Thd 3/8, 37FI-ORB 3/8	30	AU106797A1	1	Deflector-Dirt
12	AU114705A2	1	Cylinder-Hydraulic	31	AU426-520	9	Bolt-Hex, 5/16 NC X 1-1/4 Inch
13	AU100572	1	Plate - Serial Number	32	AUH426775	9	Washer-Flat 5/16 Ht
14	AU104193	2	Tack-Fastener, Steel	33	AU131781A1	1	Plate-Extension
15	AU118548A1	2	Bearing-Boom Pivot	34	AU106798A1	1	Strip-Deflector Washer
16	AUL128724	2	Seal-Pivot Bearing	35	AUH313981	1	Pin-Retainer
17	AU219-86	1	Fitting-Grease, Self Tapping	36	AU126434A1	2	Spacer-Tube
18	AU121475A1	1	Pin-Boom Lift, Rod End	37	AU496-21041	1	Washer-Flat
19	AU426-628	1	Bolt-Hex Hd .375 X 1.75 GR5 Znd	38	AUH746842	1	Plate-Orifice 0.033 Dia ●
				39	AU103837	2	Decal - Utility Contact Hazard

● Not illustrated

Trencher Drive Offset Trencher

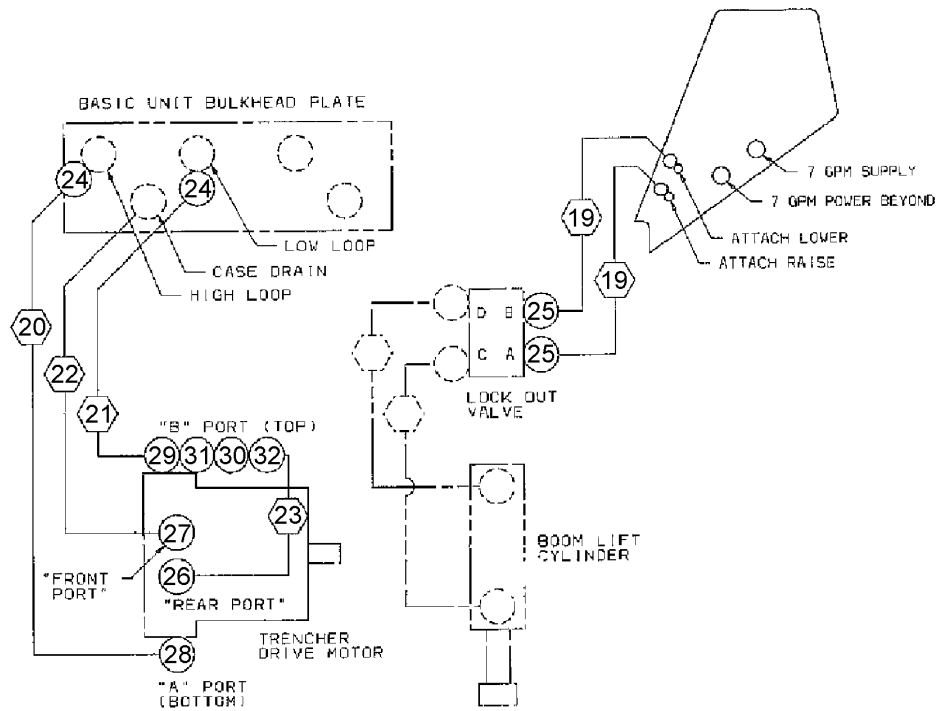
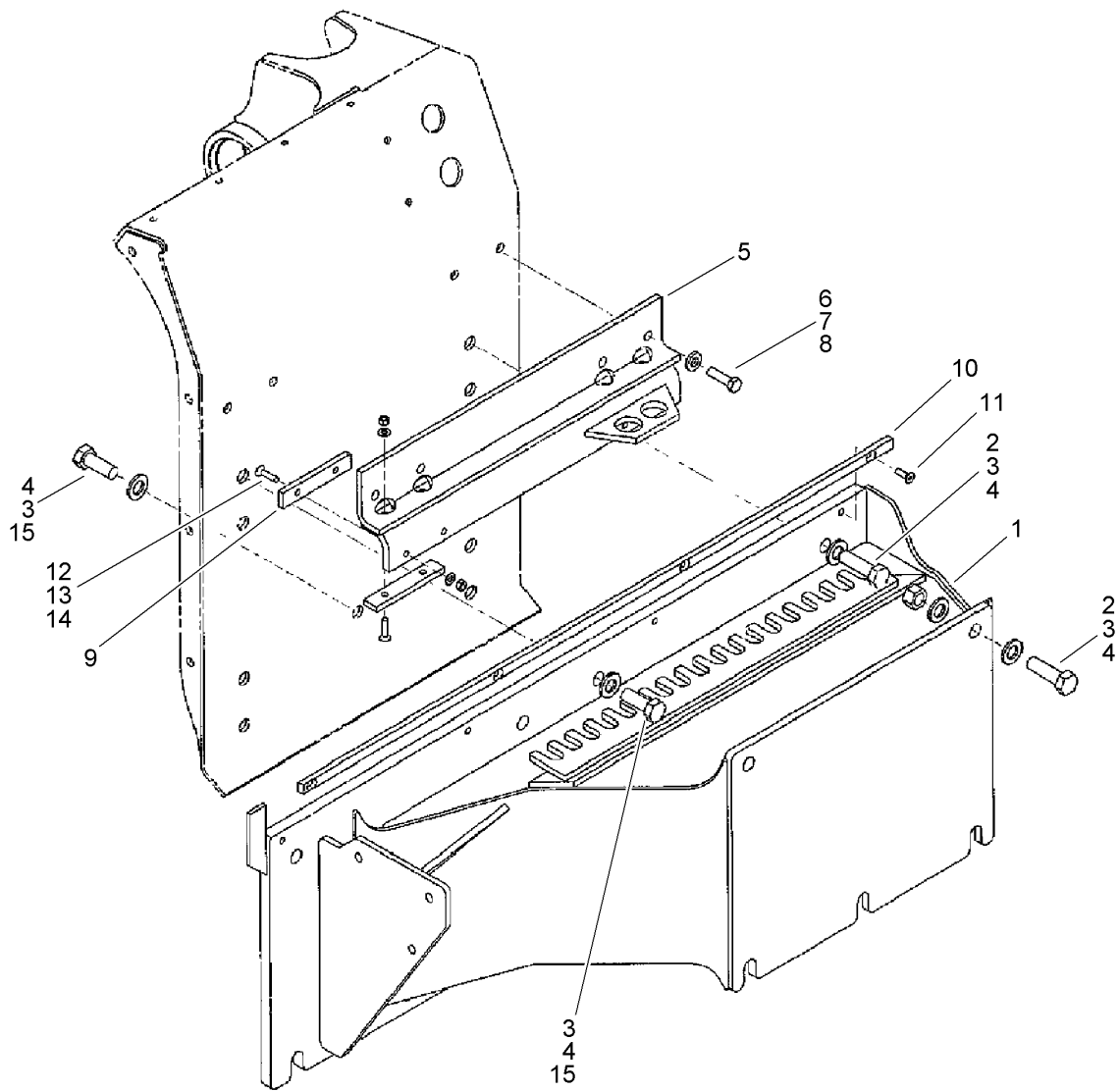


Trencher Drive Offset Trencher (continued)

<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>
	AU121418A1	1	Drive-Trencher ●	13	AUL113522	1	Seal-Urethane Excluder
1	AU106240	1	Motor-Trencher	14	AU122443A1	1	Housing-Seal
2	AU426-836	4	Bolt-Hex Hd 0.500 X 2.25 GR8 Znd	15	AU118155A1	1	Seal-Oil
3	AUH274894	4	Washer	16	AUR32216	2	Cup-Bearing
4	AU232-4118	5	Nut-Hex	17	AUD63653	2	Cone-Bearing
5	AU121474A1	1	Pin-Pivot	18	AU221523A1	1	Shaft-Trencher Drive
6	AU426-876	1	Bolt-Hex Hd 1/2 X 4-3/4 GR8	19	AU55-1010	1	Washer-Bearing Nut
7	AU121467A1	1	Housing-Trencher Drive	20	AU54-1010	1	Nut-Bearing
8	AU100-11212	1	Ring-Retainer	21	AU121216A2	1	Coupler-Trencher Drive
9	AU232-41110	2	Nut-Lock, Hex	22	AU238-5243	1	O-Ring-Motor Seal
10	AUH651523	1	Auger	23	AUH150169	2	Washer-Thrust
11	AUH170241	1	U-Bolt-Auger Retaining	24	AU123506A1	1	Key-Chainline Drive, 1/2 X 3
12	AU123490A2	1	Hub-Sprocket	25	AU353-780	1	Plug-7/8-14 Cap

● Not illustrated

Trencher - Heavy Duty Offset

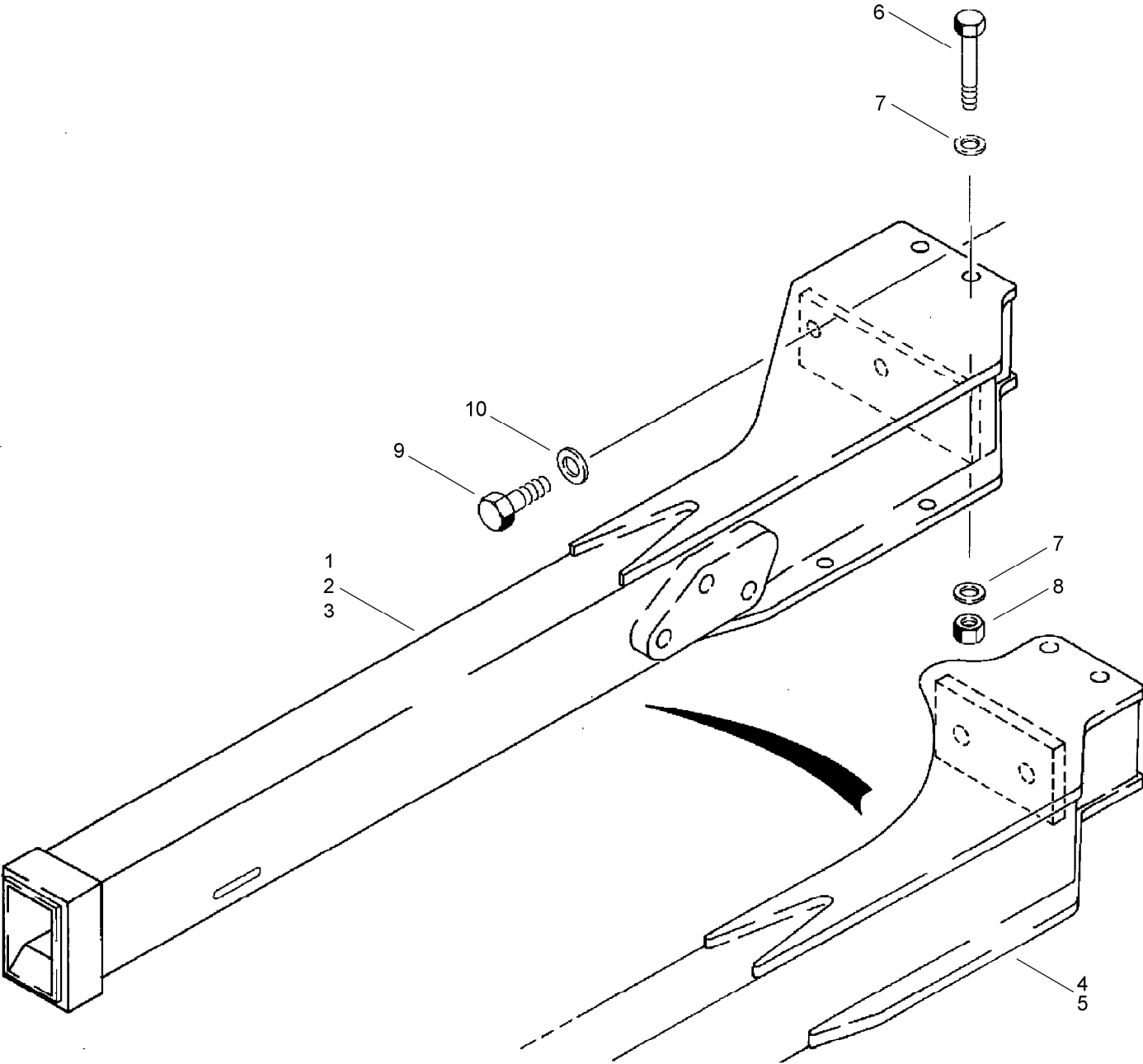


Trencher - Heavy Duty Offset (continued)

<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>
	AU115185A1	1	Kit-Heavy Duty Offset Trencher ●	15	AU426-1236	3	Screw-HH
1	AU115186A1	1	Frame-Offset Trencher Mounting	16	AU426-12104	2	Screw-HH ●
2	AU426-1240	6	Bolt	17	AU426-1632	2	Bolt ●
3	AU232-41112	11	Nut-Prev Trq 3/4 Grc Cad Direct	18	AUH426833	2	Washer ●
4	AUH426817	19	Washer-Flat	19	AU119666A1	2	Hose-Trencher Lift
5	AU115197A1	1	Slide-Offset Trencher	20	AU119667A1	1	Hose-Trencher Hi Loop
6	AU426-828	4	Bolt-Hex Hd 1/2 X 1-3/4 GR5 Znd	21	AU119669A1	1	Hose-Trencher Lo Loop
7	AU232-4118	4	Nut-Hex	22	AU119671A1	1	Hose-Trencher Case Drain
8	AUH274894	8	Washer	23	AUH437953	1	Hose-Trencher Motor Flush
9	AU115201A1	4	Bar-Slider, Short	24	AU201-147	2	Reducer-16Ff-12Mf
10	AU115202A1	1	Bar-Slider, Long	25	AU218-5058	2	Connector
11	AU61-43116	4	Bolt-Hex Socket 5/16-18 NC X 1	26	AU218-5121	1	Elbow-90 Deg, 1/2 To 5/8
12	AU61-43120	8	Bolt-5/16-18 X 1-1/4 Hs Flat Csk Hd	27	AU218-5062	1	Connector-Str Thd 5/8, 37FI-ORB 5/8
13	AU232-4115	8	Nut-Hex	28	AU218-5064	1	Fitting-Straight
14	AUH426775	8	Washer-Flat 5/16 Ht	29	AU91-203003-12-16S	1	Adapter-Tee, ORB / JIC
				30	AU111975A1	1	Fitting-Straight Restrictor
				31	AU218-5382	1	Elbow-Swivel, 90 DEG
				32	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube
				33	AU7-45540	1	Instructions-Installation ●

● Not illustrated

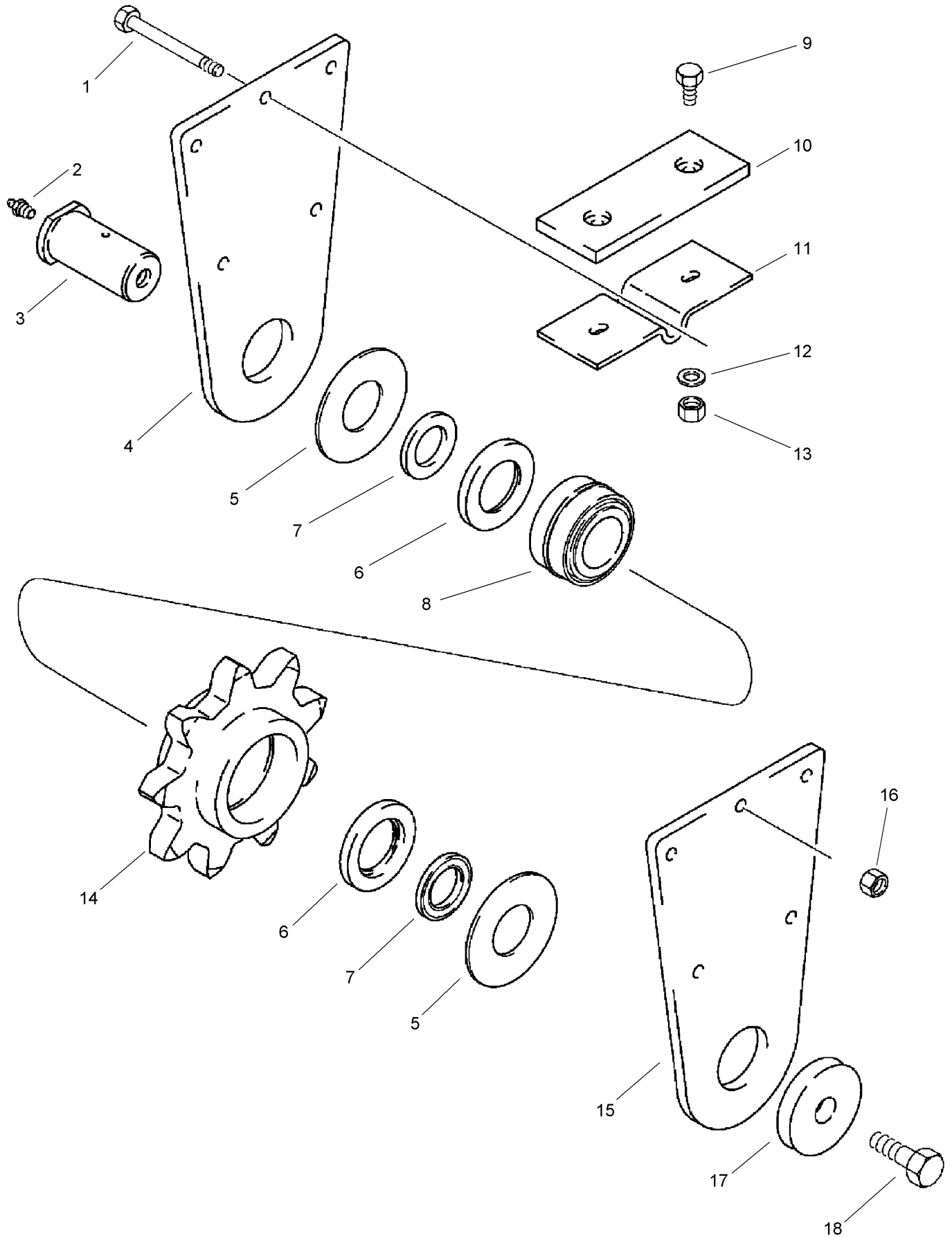
Trencher Sprocket Booms and Mounting Assembly



Trencher Sprocket Booms and Mounting 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	AU135212A1	1	Boom-Trencher, 4 Foot, Heavy Duty Planetary Drive Trencher	5	AU135204A1	1	Boom-Trencher, 5 Foot, Direct Drive Trencher
2	AU135213A1	1	Boom-Trencher, 5 Foot, Heavy Duty Planetary Drive Trencher	6	AU426-12104	2	Screw-HH
3	AU135214A1	1	Boom-Trencher, 6 Foot, Heavy Duty Planetary Drive Trencher	7	AUD34666	4	Washer-Flat, Special, 3/4 Inch
4	AU135203A1	1	Boom-Trencher, 4 Foot, Direct Drive Trencher	8	AU232-41112	2	Nut-Prev Trq 3/4 Grc Cad Direct
				9	AU426-1632	2	Bolt
				10	AUD36505	2	Washer-Flat, Special, 1-1/16 X 1-7/8 X 9/64 Inch

Idler Sprocket and Mounting Assembly

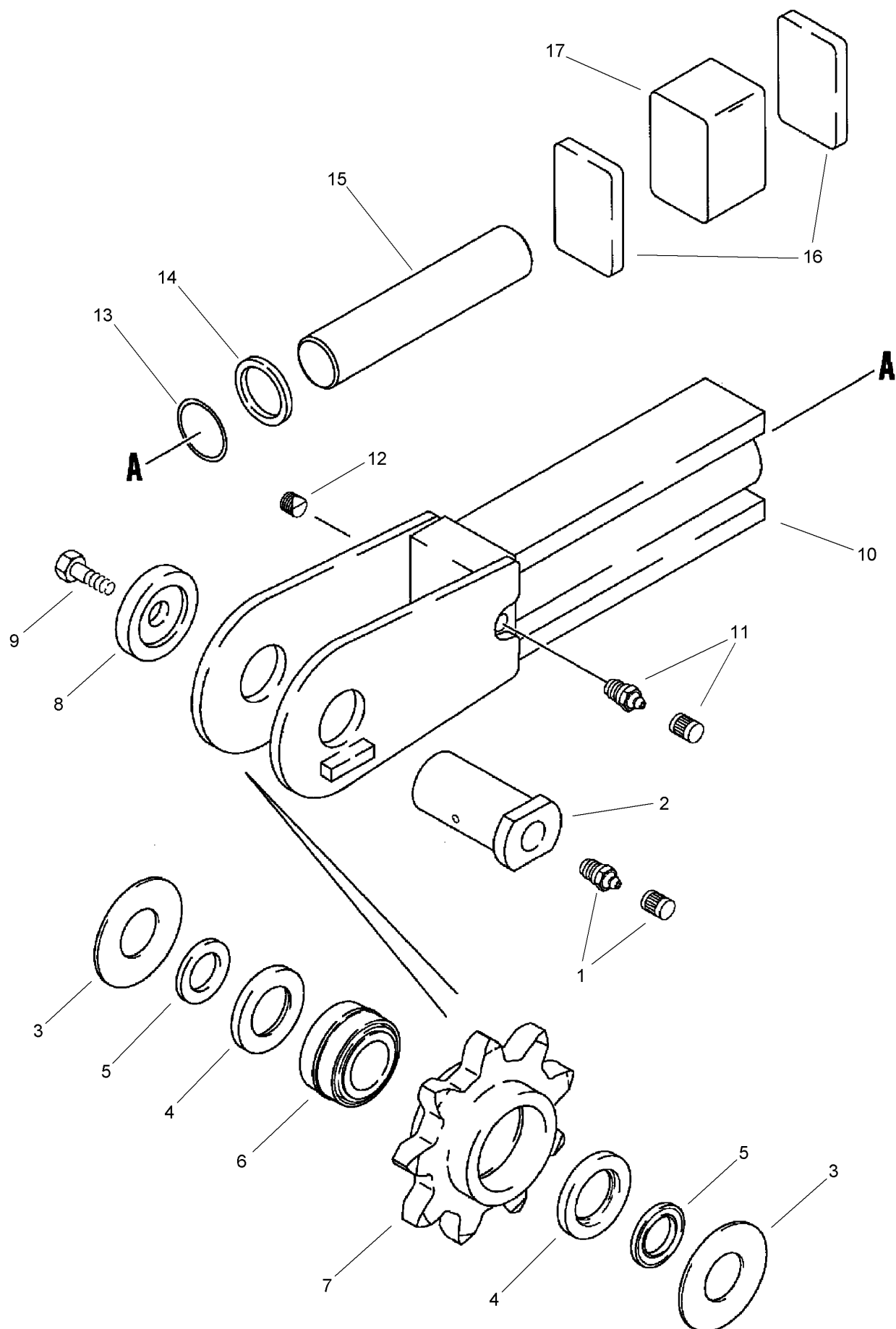


Idler Sprocket and Mounting Assembly (continued)

<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	AU426-872	5	Bolt-Hex, 1/2 NC X 4-1/2 Inch	10	AUH439388	1	Pad-Wear, Trencher Boom
2	AU219-66	1	Fitting-Lube, Straight	11	AUH439387	1	Plate-Mounting, Wear Pad
3	AU140371A1	1	Pin-Sprocket	12	AU496-21041	2	Washer-Flat
4	AU139931A2	1	Plate-Idler Sprocket Mounting, Left-Hand	13	AU232-4116	2	Nut-Hex
5	AUH435229	2	Washer-Boom, End (Roller)	14	AU113306A2	1	Sprocket-Boom Idler
6	AUH435218	4	Seal-Roller	15	AU139797A2	1	Plate-Idler Sprocket Mounting, Right-Hand
7	AUH438569	2	Spacer-Bearing	16	AU232-4118	5	Nut-Hex
8	AUH759118	1	Bearing Kit	17	AU139027A1	1	Washer
9	AU426-616	2	Screw-HH	18	AU426-1224	1	Bolt

Trencher Boom End and Sprocket Assembly

Sprocket Boom

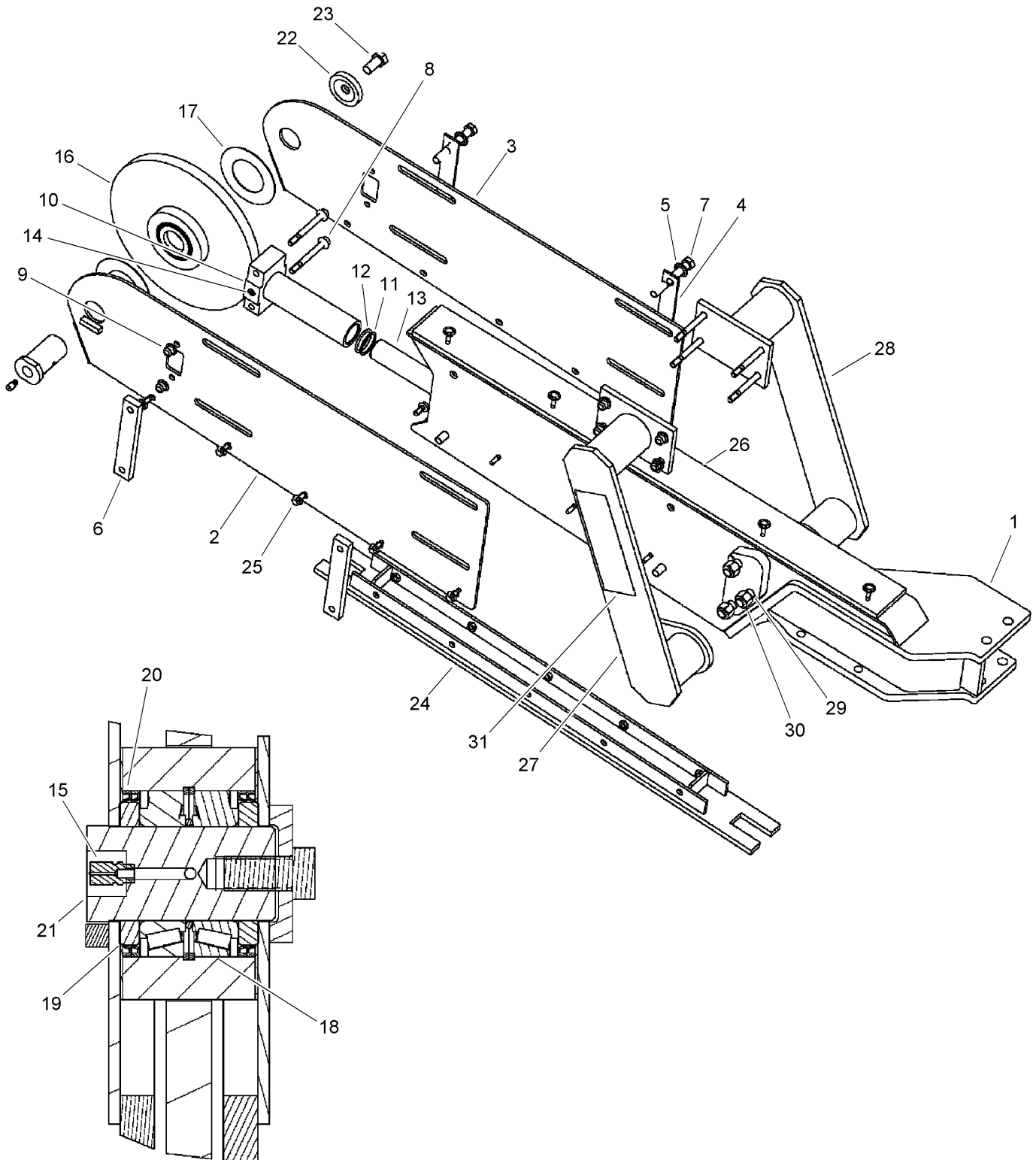


Trencher Boom End and Sprocket Assembly

Sprocket Boom (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	AU219-66	1	Fitting-Lube, Straight	8	AU139027A1	1	Washer
2	AU140371A1	1	Pin-Sprocket	9	AU426-1224	1	Bolt
3	AUH435229	2	Washer-Boom, End (Roller)	10	AU139792A2	1	End-Boom
4	AUH435218	4	Seal-Roller	11	AU219-66	1	Fitting-Lube, Straight
5	AUH438569	2	Spacer-Bearing	12	AUH114728	1	Plug-Bleed
6	AUH759118	1	Bearing Kit	13	AU238-6327	1	O-Ring
7	AU135202A2	1	Sprocket-Boom End (Used With 4 Foot Boom)	14	AUH755009	1	Washer-Backup
7	AUH830637	1	Sprocket-Boom End (Used With 5 And 6 Foot Booms)	15	AUH434551	1	Rod-Boom, End (Cylinder)
				16	AU135193A1	2	Plate-Cushion
				17	AU135194A1	1	Block-Cushion, Boom End

Trencher Boom and Mounting Assembly Rock Boom - 4 Foot Integral Quad Trencher



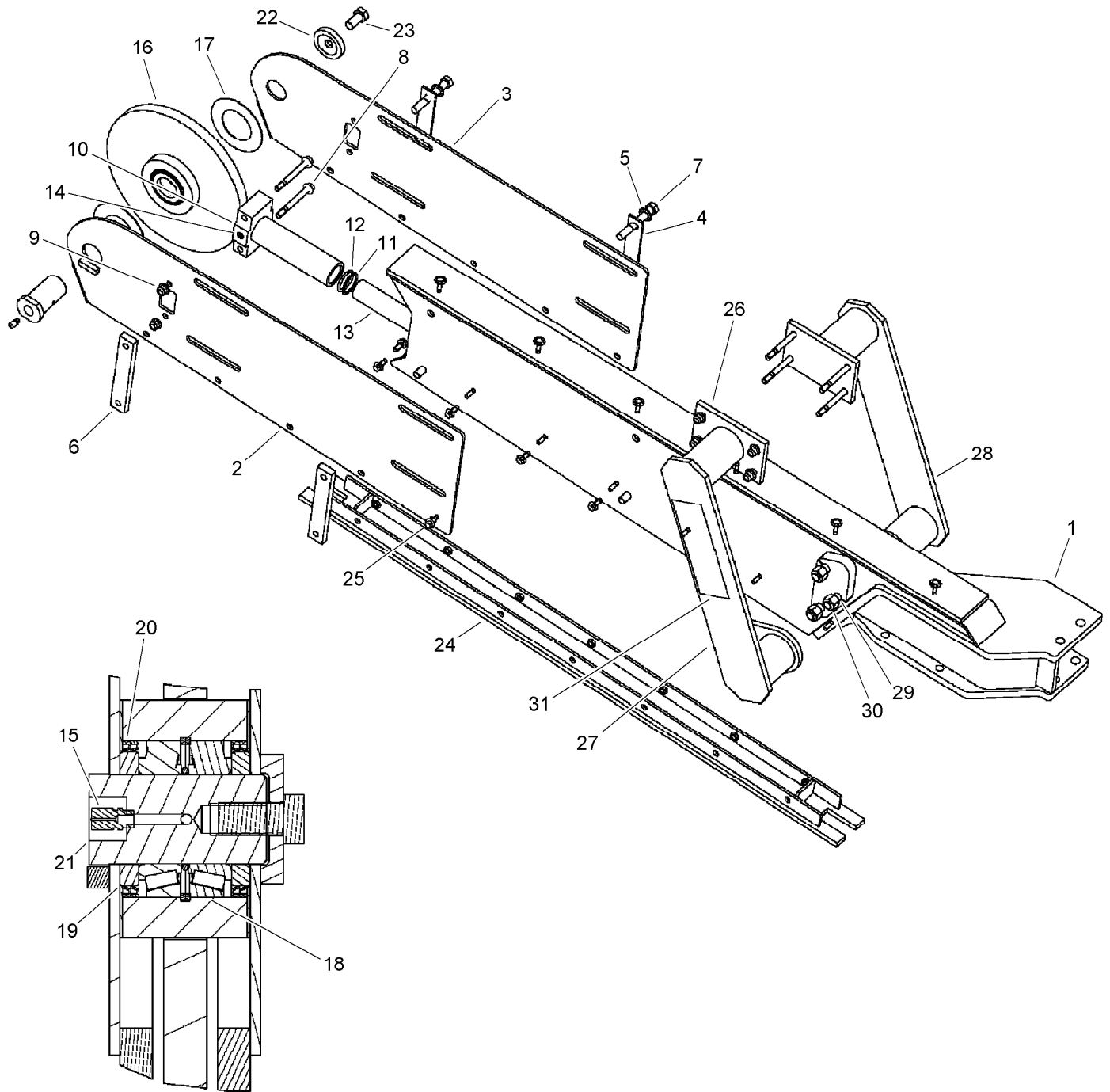
Trencher Boom and Mounting Assembly

Rock Boom - 4 Foot Integral Quad Trencher (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>
	AU126223	1	Kit-Rock Boom 4\ ●	18	AUH759118	1	Bearing Kit
1	AU126224	1	Boom-Rock, 4\	19	AUH438569	2	Spacer-Bearing
2	AU112665A1	1	Plate-Boom End (RH)	20	AUH435218	4	Seal-Roller
3	AU121502A1	1	Plate-Boom End (LH)	21	AUH438570	1	Pin-Boom
4	AU101563A1	2	Bar-Clamp	22	AU139027A1	1	Washer
5	AUH434670	4	Washer-Lock	23	AU426-1224	1	Bolt
6	AU101562A1	2	Bar-Tapped	24	AU126640	1	Channel-Wear Pad, 4\ Boom
7	AU426-1072	4	Bolt	25	AU100876	18	Screw-Flange
8	AU100356	6	Bolt-HHF	26	AU117591A1	1	Bar-Wear Pad, Upper, 4\ Boom
9	AU100528	6	Nut-HHF, Lock	27	AU117778A1	1	Mount-Crumber RH
10	AUH674743	1	Cylinder-Boom End	28	AU117777A1	1	Mount-Crumber LH
11	AUH755009	1	Washer-Backup	29	AU426-12112	3	Bolt
12	AU238-6327	1	O-Ring	30	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct
13	AUH434551	1	Rod-Boom, End (Cylinder)	31	AU419475A1	2	Decal-Danger, Trencher Entanglement Hazard
14	AUH114728	1	Plug-Bleed				
15	AU219-66	2	Fitting-Lube, Straight				
16	AUH675070	1	Boller-Boom End				
17	AUH435229	2	Washer-Boom, End (Roller)				

● Not illustrated

Trencher Boom and Mounting Assembly Rock Boom - 5 Foot Integral Quad Trencher



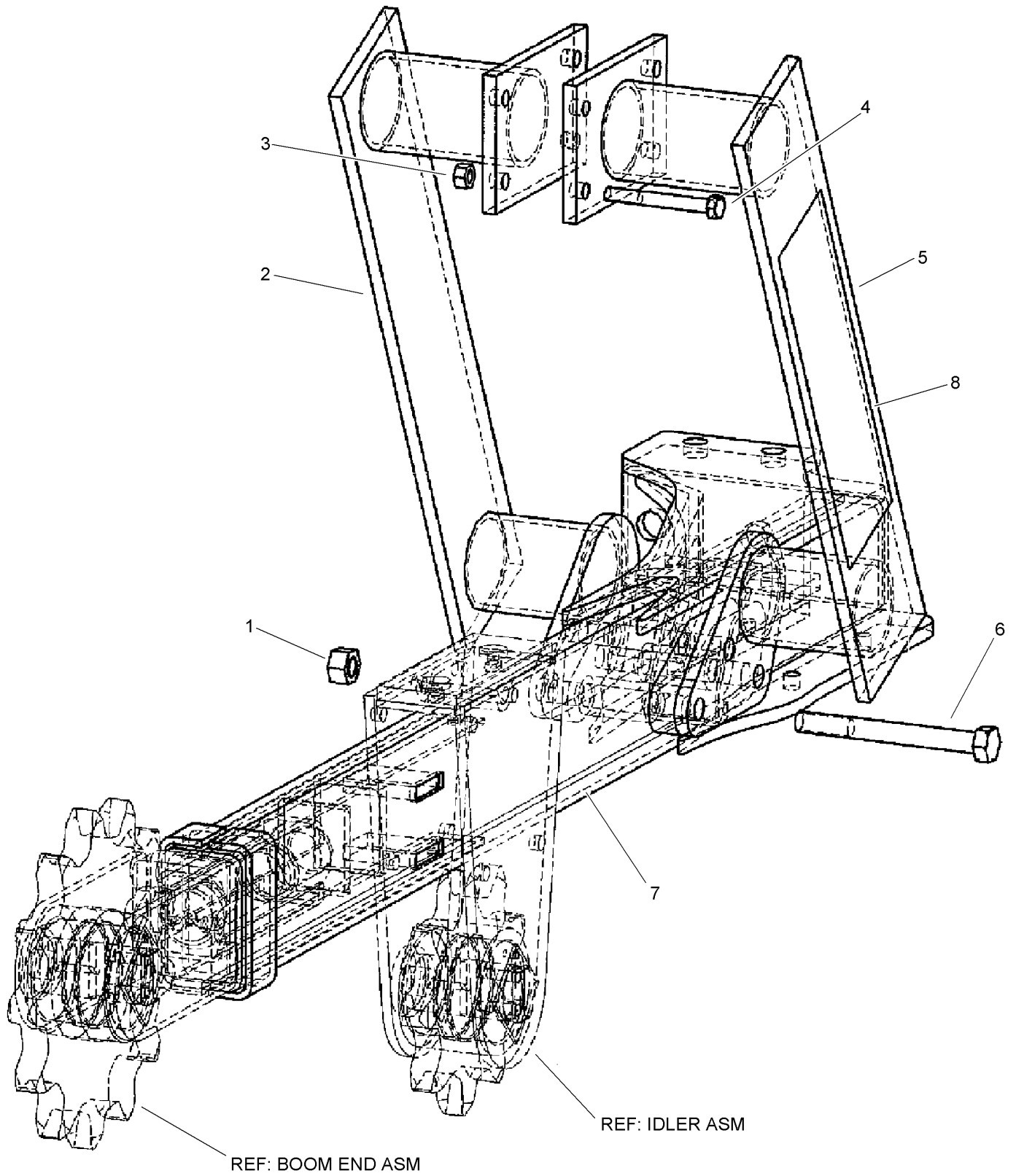
Trencher Boom and Mounting Assembly

Rock Boom - 5 Foot Integral Quad Trencher (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>
	AU126225	1	Kit-Rock Boom 5 Foot ●	18	AUH759118	1	Bearing Kit
1	AU126226	1	Boom-Rock, 5 Foot	19	AUH438569	2	Spacer-Bearing
2	AU112665A1	1	Plate-Boom End (RH)	20	AUH435218	4	Seal-Roller
3	AU121502A1	1	Plate-Boom End (LH)	21	AUH438570	1	Pin-Boom
4	AU101563A1	2	Bar-Clamp	22	AU139027A1	1	Washer
5	AUH434670	4	Washer-Lock	23	AU426-1224	1	Bolt
6	AU101562A1	2	Bar-Tapped	24	AU126641	1	Channel-Wear Pad, 5\ Boom
7	AU426-1072	4	Bolt	25	AU100876	18	Screw-Flange
8	AU100356	6	Bolt-HHF	26	AU112357A1	1	Bar-Wear Pad, Upper, 5\ Boom
9	AU100528	6	Nut-HHF, Lock	27	AU117778A1	1	Mount-Crumber RH
10	AUH674743	1	Cylinder-Boom End	28	AU117777A1	1	Mount-Crumber LH
11	AUH755009	1	Washer-Backup	29	AU426-12112	3	Bolt
12	AU238-6327	1	O-Ring	30	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct
13	AUH434551	1	Rod-Boom, End (Cylinder)	31	AU419475A1	2	Decal-Danger, Trencher Entanglement Hazard
14	AUH114728	1	Plug-Bleed				
15	AU219-66	2	Fitting-Lube, Straight				
16	AUH675070	1	Boller-Boom End				
17	AUH435229	2	Washer-Boom, End (Roller)				

● Not illustrated

Boom, 4 Foot Sprocket Heavy Duty Planetary Trencher

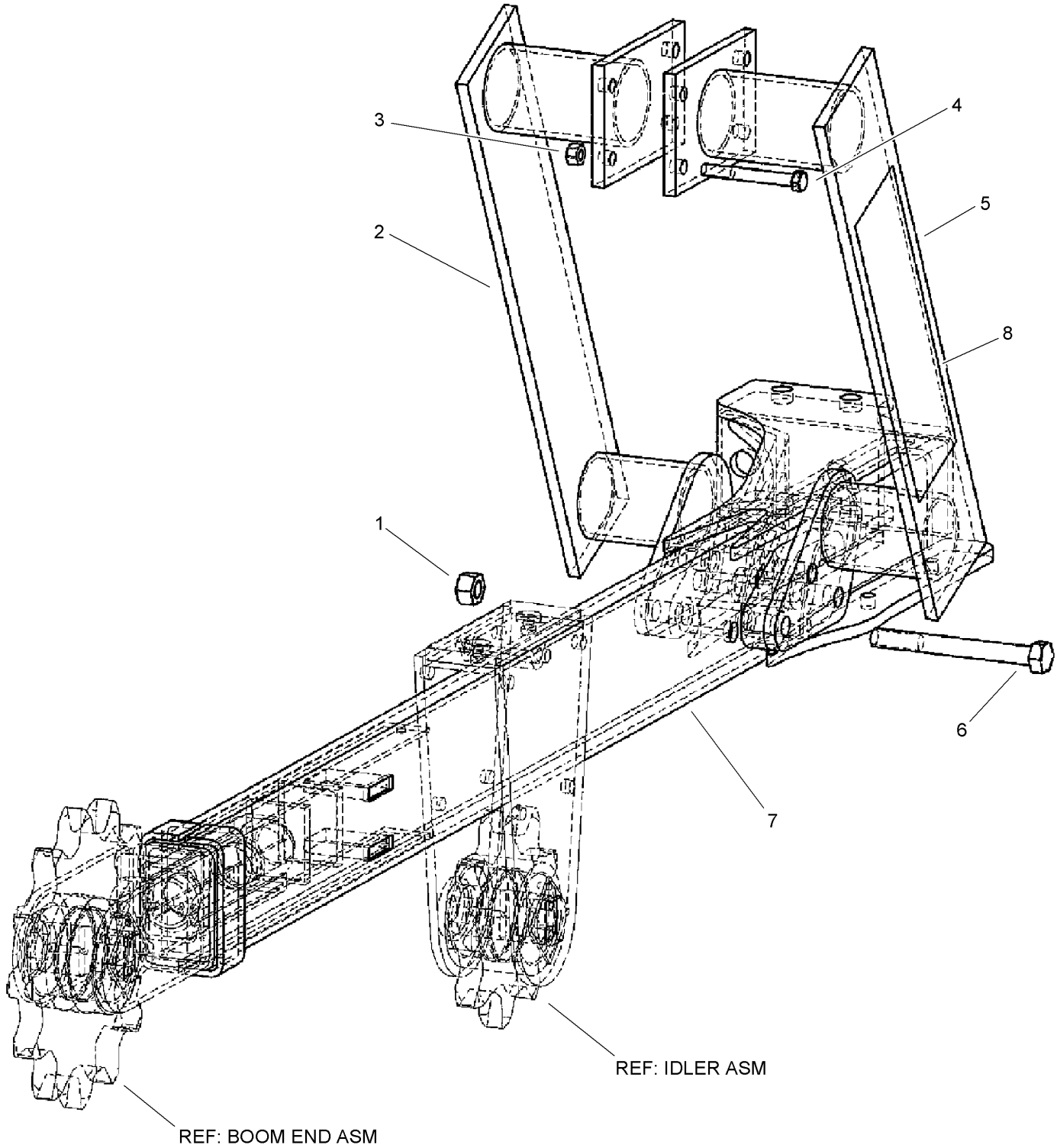


Boom, 4 Foot Sprocket Heavy Duty Planetary Trencher (continued)

<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>
	AU135209A2	1	ASM-Sprocket Boom, 4 Foot ●	5	AU224363A1	1	Mount-Crumber, RH
1	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct	6	AU426-12112	3	Bolt
2	AU224364A1	1	Mount-Crumber, LH	7	AU135212A1	1	Boom-Trencher, 4 Foot, Heavy Duty Planetary Drive Trencher
3	AU232-4118	4	Nut-Hex	8	AUH438999	2	Decal-Danger, Sharp Parts (Large)
4	AU426-864	4	Screw-HH				

● Not illustrated

Boom, 5 Foot Sprocket Heavy Duty Planetary Trencher

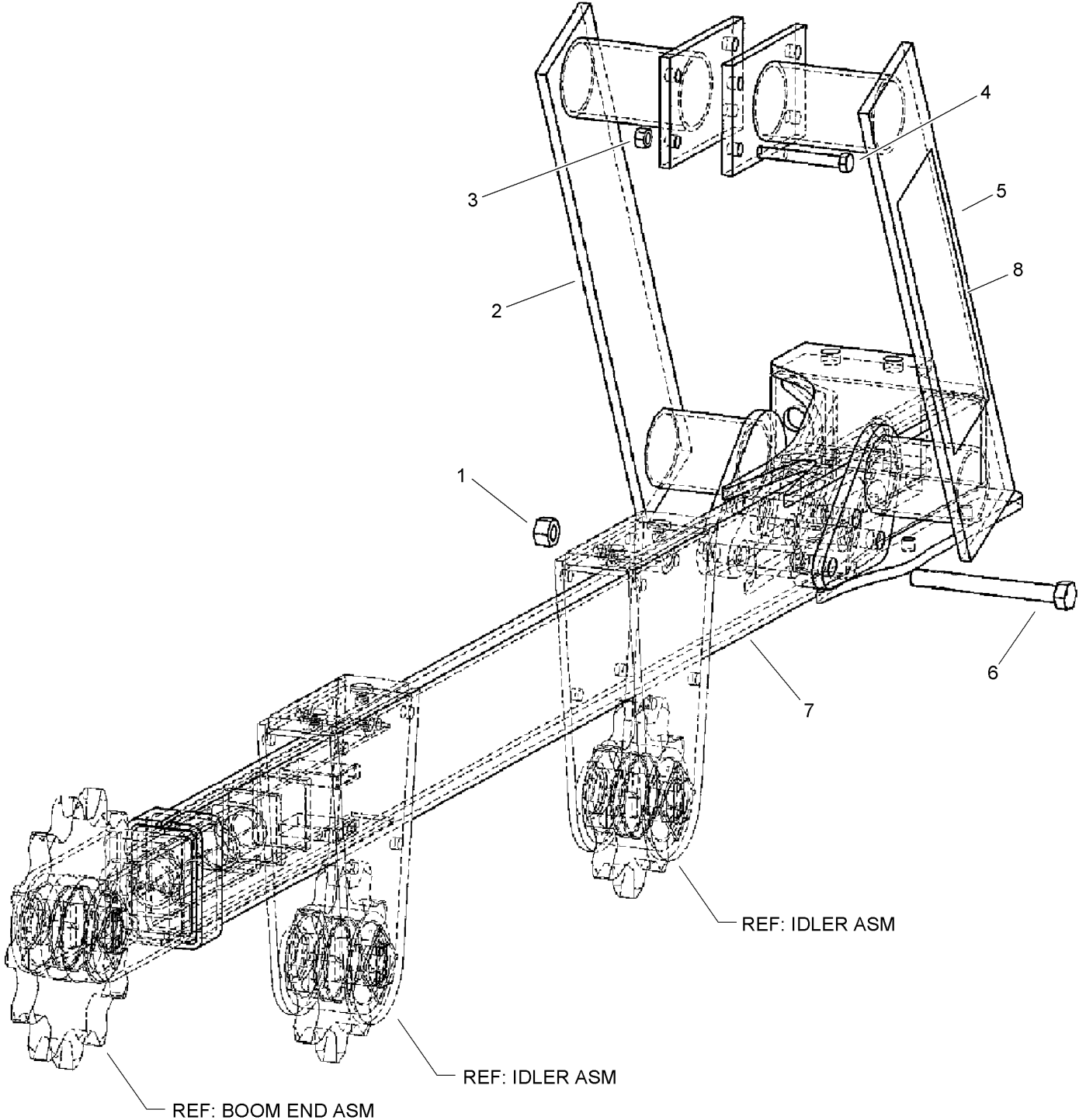


Boom, 5 Foot Sprocket Heavy Duty Planetary Trencher (continued)

<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>
	AU135210A2	1	ASM-Sprocket Boom, 5 Foot ●	5	AU224363A1	1	Mount-Crumber, RH
1	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct	6	AU426-12112	3	Bolt
2	AU224364A1	1	Mount-Crumber, LH	7	AU135213A1	1	Boom-Trencher, 5 Foot, Heavy Duty Planetary Drive Trencher
3	AU232-4118	4	Nut-Hex	8	AUH438999	2	Decal-Danger, Sharp Parts (Large)
4	AU426-864	4	Screw-HH				

● Not illustrated

Boom, 6 Foot Sprocket Heavy Duty Planetary Trencher



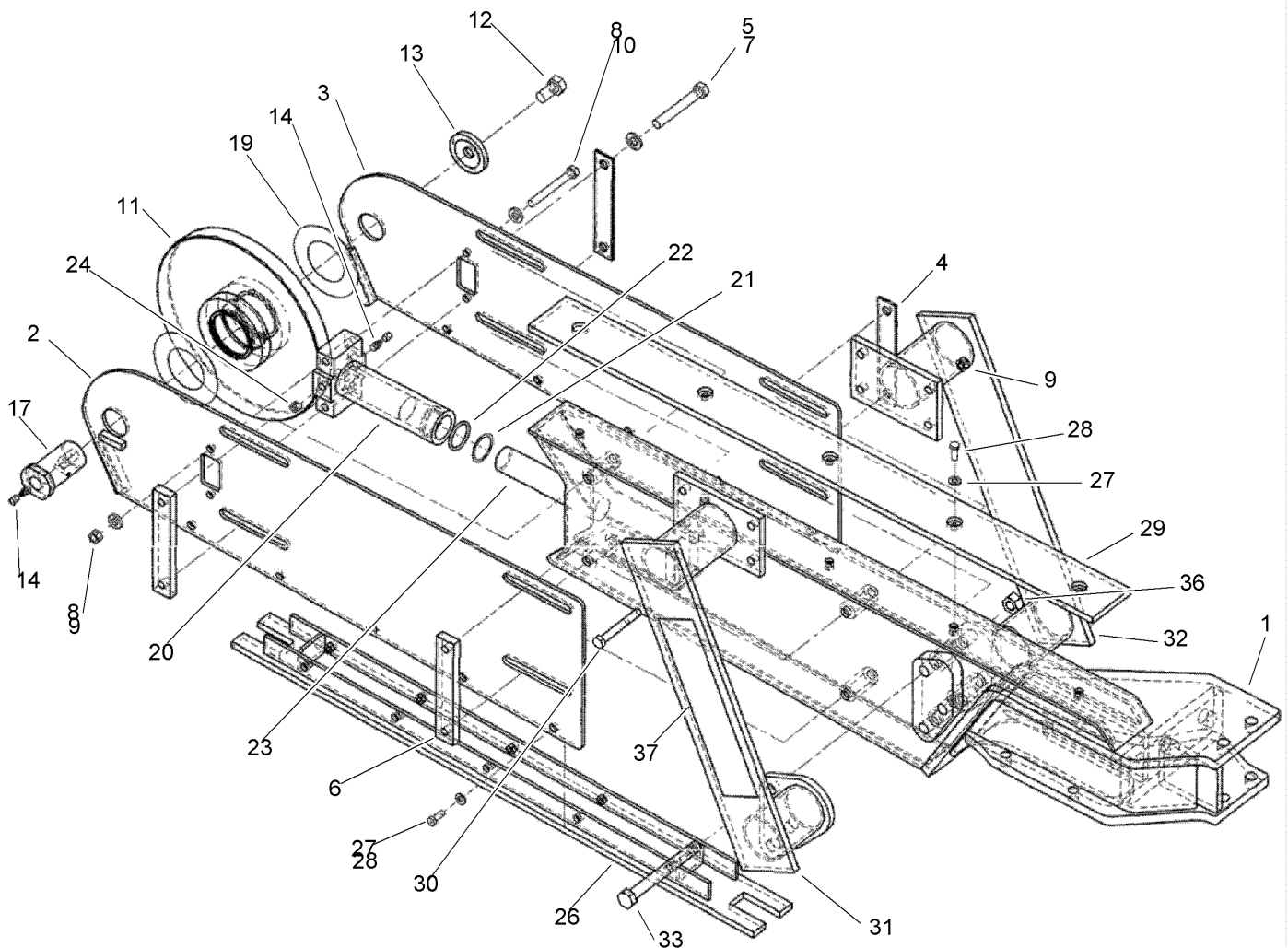
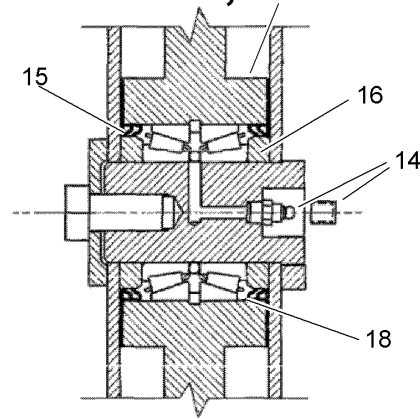
Boom, 6 Foot Sprocket Heavy Duty Planetary Trencher (continued)

<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>
	AU135211A2	1	ASM-Sprocket Boom, 6 Foot ●	5	AU224363A1	1	Mount-Crumber, RH
1	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct	6	AU426-12112	3	Bolt
2	AU224364A1	1	Mount-Crumber, LH	7	AU135214A1	1	Boom-Trencher, 6 Foot, Heavy Duty Planetary Drive Trencher
3	AU232-4118	4	Nut-Hex	8	AUH438999	2	Decal-Danger, Sharp Parts (Large)
4	AU426-864	4	Screw-HH				

● Not illustrated

Trencher Boom and Mounting Assembly

Heavy Duty Planetary Trencher Rock Boom - 4 Foot 50,000 Pound and 75,000 Pound Chainline



Trencher Boom and Mounting Assembly

Heavy Duty Planetary Trencher Rock Boom - 4 Foot 50,000 Pound and 75,000 Pound Chainline (continued)

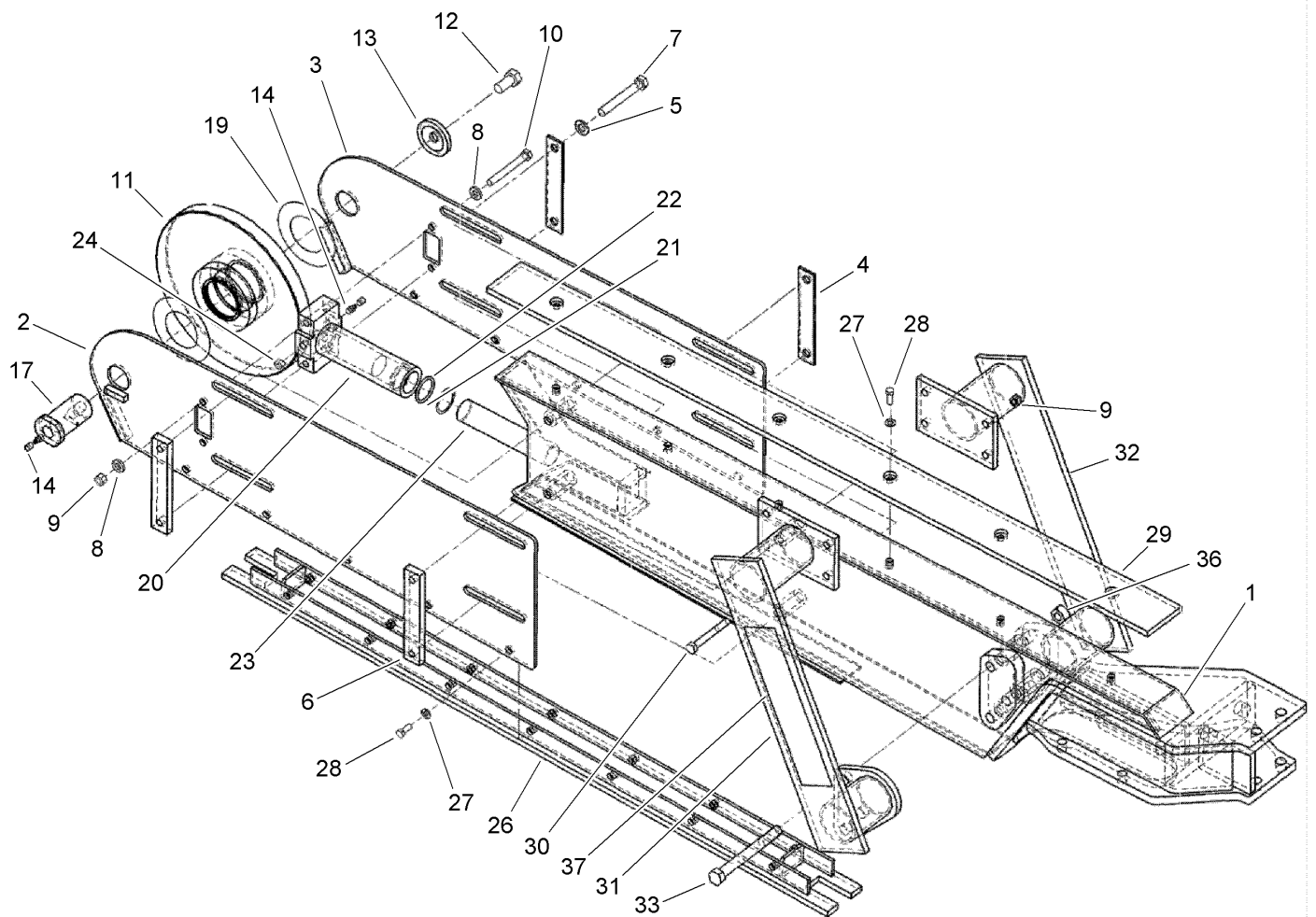
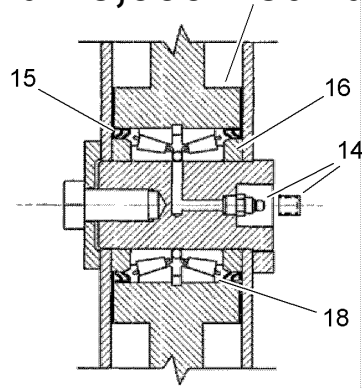
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
	AU112407A1	1	ASM-4 Foot Rock Boom ●	17	AUH438570	1	Pin-Boom
1	AU108698A1	1	Boom-Trencher, 4 Foot, Rock	18	AUH759118	1	Bearing Kit
2	AU112665A1	1	Plate-Boom End (RH)	19	AUH435229	2	Washer-Boom, End (Roller)
3	AU121502A1	1	Plate-Boom End (LH)	20	AUH674743	1	Cylinder-Boom End
4	AU101563A1	2	Bar-Clamp	21	AUH755009	1	Washer-Backup
5	AUH434670	4	Washer-Lock	22	AUH748871	1	O-Ring
6	AU101562A1	2	Bar-Tapped	23	AUH434551	1	Rod-Boom, End (Cylinder)
7	AU426-1072	4	Bolt	24	AUH114728	1	Plug-Bleed
8	AUH274894	4	Washer	26	AU101725A1	1	Channel-Wear Pad, Lower
9	AU232-4118	6	Nut-Hex	27	AU196-1	15	Washer-3/8 Ht
10	AU426-868	2	Bolt-Hex, 1/2 NC X 4-1/4 Inch	28	AU426-616	15	Screw-HH
11	AUH675070	1	Boller-Boom End	29	AU117591A1	1	Bar-Wear Pad, Upper, 4\ Boom
12	AU426-1224	1	Bolt	30	AU426-864	4	Screw-HH
13	AU139027A1	1	Washer	31	AU117778A1	1	Mount-Crumber RH
14	AU219-66	2	Fitting-Lube, Straight	32	AU117777A1	1	Mount-Crumber LH
		2	Cap-Grease Fitting, Order 219-66 Grease Fitting ●■	33	AU426-12112	3	Bolt
15	AUH435218	4	Seal-Roller	36	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct
16	AUH438569	2	Spacer-Bearing	37	AU419474A1	2	Decal-Danger, Trencher Entanglement Hazard

● Not illustrated

■ Not serviced separately

Trencher Boom and Mounting Assembly

Heavy Duty Planetary Trencher Rock Boom - 5 Foot 50,000 Pound and 75,000 Pound Chainline



Trencher Boom and Mounting Assembly

Heavy Duty Planetary Trencher Rock Boom - 5 Foot 50,000 Pound and 75,000 Pound Chainline (continued)

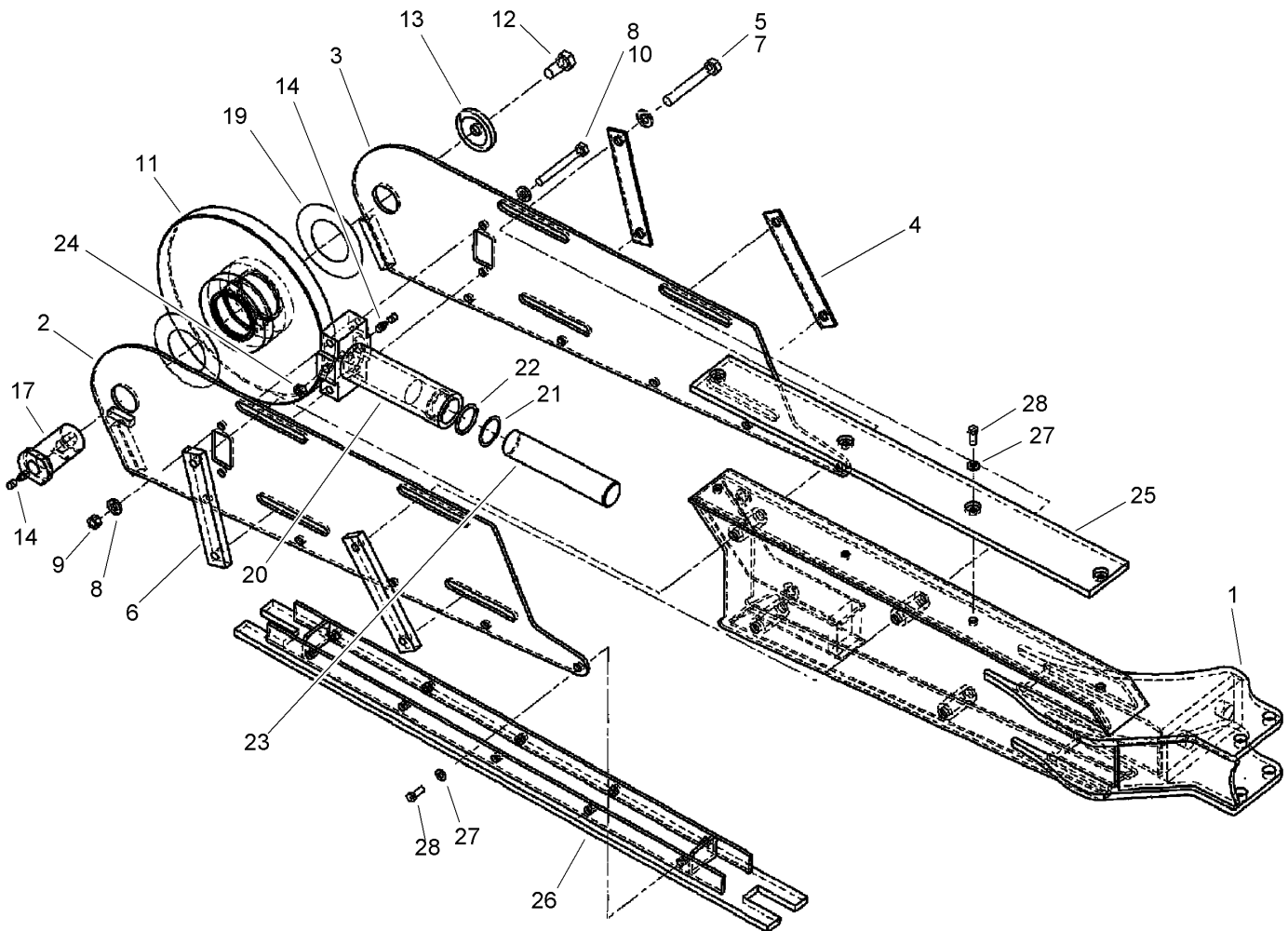
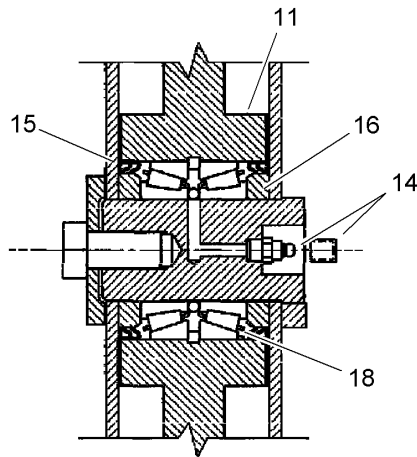
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
	AU112360A1	1	ASM-5 Foot Rock Boom ●	17	AUH438570	1	Pin-Boom
1	AU112356A1	1	Boom-Trencher, 5 Foot, Rock	18	AUH759118	1	Bearing Kit
2	AU112665A1	1	Plate-Boom End (RH)	19	AUH435229	2	Washer-Boom, End (Roller)
3	AU121502A1	1	Plate-Boom End (LH)	20	AUH674743	1	Cylinder-Boom End
4	AU101563A1	2	Bar-Clamp	21	AUH755009	1	Washer-Backup
5	AUH434670	4	Washer-Lock	22	AUH748871	1	O-Ring
6	AU101562A1	2	Bar-Tapped	23	AUH434551	1	Rod-Boom, End (Cylinder)
7	AU426-1072	4	Bolt	24	AUH114728	1	Plug-Bleed
8	AUH274894	4	Washer	26	AU101570A1	1	Channel-Wear Pad, Lower
9	AU232-4118	6	Nut-Hex	27	AU196-1	16	Washer-3/8 Ht
10	AU426-868	2	Bolt-Hex, 1/2 NC X 4-1/4 Inch	28	AU426-616	16	Screw-HH
11	AUH675070	1	Boller-Boom End	29	AU112357A1	1	Bar-Wear Pad, Upper, 5\ Boom
12	AU426-1224	1	Bolt	30	AU426-864	4	Screw-HH
13	AU139027A1	1	Washer	31	AU117778A1	1	Mount-Crumber RH
14	AU219-66	2	Fitting-Lube, Straight	32	AU117777A1	1	Mount-Crumber LH
		2	Cap-Grease Fitting, Order 219-66 Grease Fitting ●■	33	AU426-12112	3	Bolt
15	AUH435218	4	Seal-Roller	36	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct
16	AUH438569	2	Spacer-Bearing	37	AU419474A1	2	Decal-Danger, Trencher Entanglement Hazard

● Not illustrated

■ Not serviced separately

Trencher Boom and Mounting Assembly

Direct Drive Trencher Rock Boom - 4 Foot 50,000 Pound and 75,000 Pound Chainline



Trencher Boom and Mounting Assembly

Direct Drive Trencher Rock Boom - 4 Foot 50,000 Pound

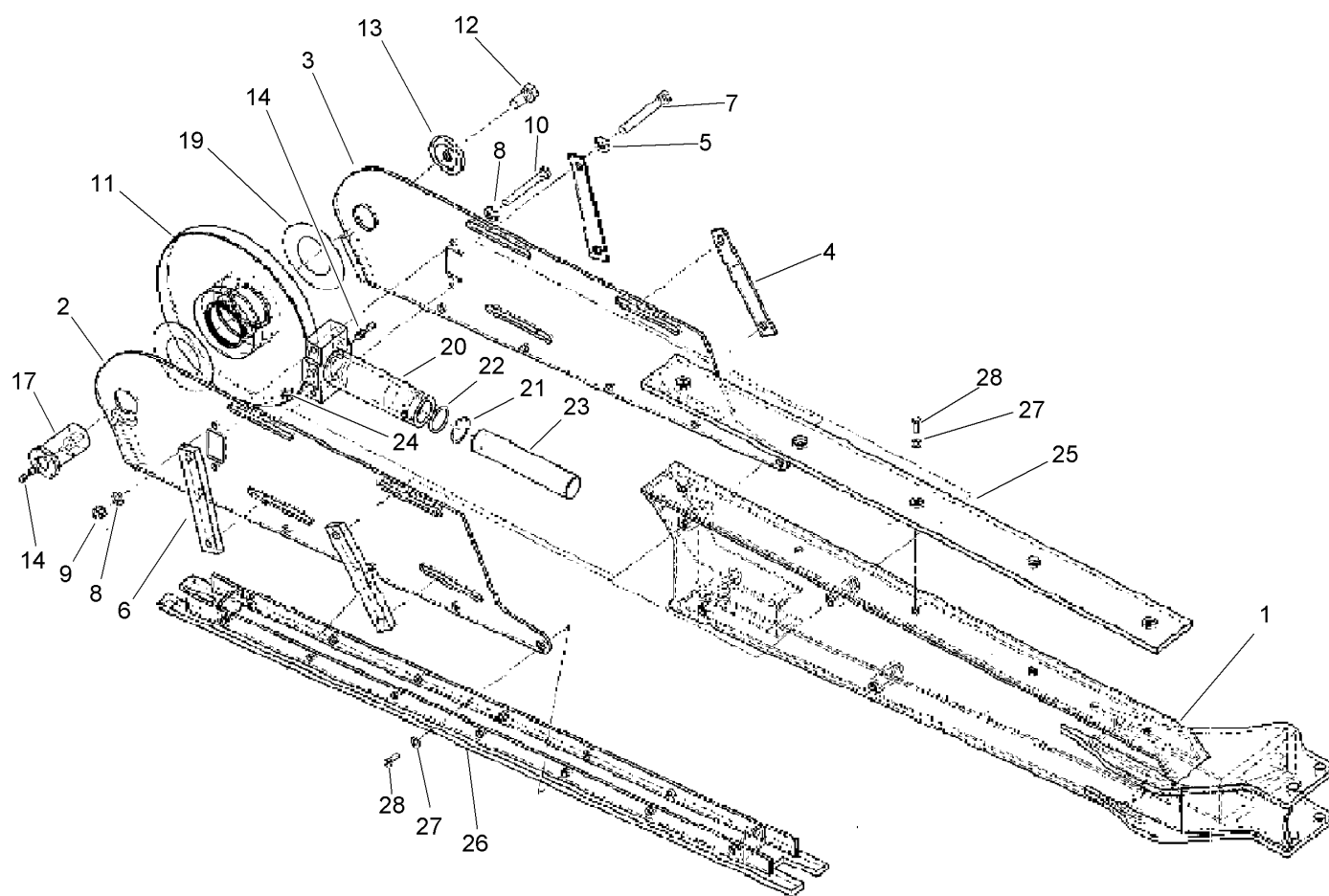
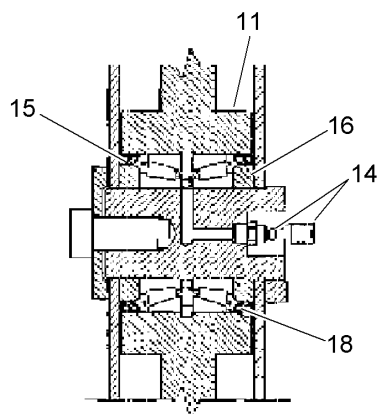
and 75,000 Pound Chainline (continued)

Ref.	Part Number	Description	Ref.	Part Number	Description
	AU123932A1	1 ASM-4 Foot Direct Drive Trencher Boom ●	14	AU219-66	2 Fitting-Lube, Straight
1	AU123859A1	1 Boom-Rock, 4 Foot, Direct Drive Trencher			2 Cap-Grease Fitting, Order 219-66 Grease Fitting ●■
2	AU123874A1	1 Plate-Rock Boom End, Right-Hand	15	AUH435218	4 Seal-Roller
3	AU123873A1	1 Plate-Rock Boom End, Left Hand	16	AUH438569	2 Spacer-Bearing
4	AU101563A1	2 Bar-Clamp	17	AUH438570	1 Pin-Boom
5	AUH434670	4 Washer-Lock	18	AUH759118	1 Bearing Kit
6	AU101562A1	2 Bar-Tapped	19	AUH435229	2 Washer-Boom, End (Roller)
7	AU426-1072	4 Bolt	20	AUH674743	1 Cylinder-Boom End
8	AUH274894	4 Washer	21	AUH755009	1 Washer-Backup
9	AU232-4118	2 Nut-Hex	22	AUH748871	1 O-Ring
10	AU426-868	2 Bolt-Hex, 1/2 NC X 4-1/4 Inch	23	AUH434551	1 Rod-Boom, End (Cylinder)
11	AUH675070	1 Boller-Boom End	24	AUH114728	1 Plug-Bleed
12	AU426-1224	1 Bolt	25	AU124202A1	1 Pad-Wear, Upper
13	AU139027A1	1 Washer	26	AU101725A1	1 Channel-Wear Pad, Lower
			27	AU196-1	14 Washer-3/8 Ht
			28	AU426-616	14 Screw-HH

● Not illustrated

■ Not serviced separately

Trencher Boom and Mounting Assembly Direct Drive Trencher Rock Boom - 5 Foot 50,000 Pound and 75,000 Pound Chainline



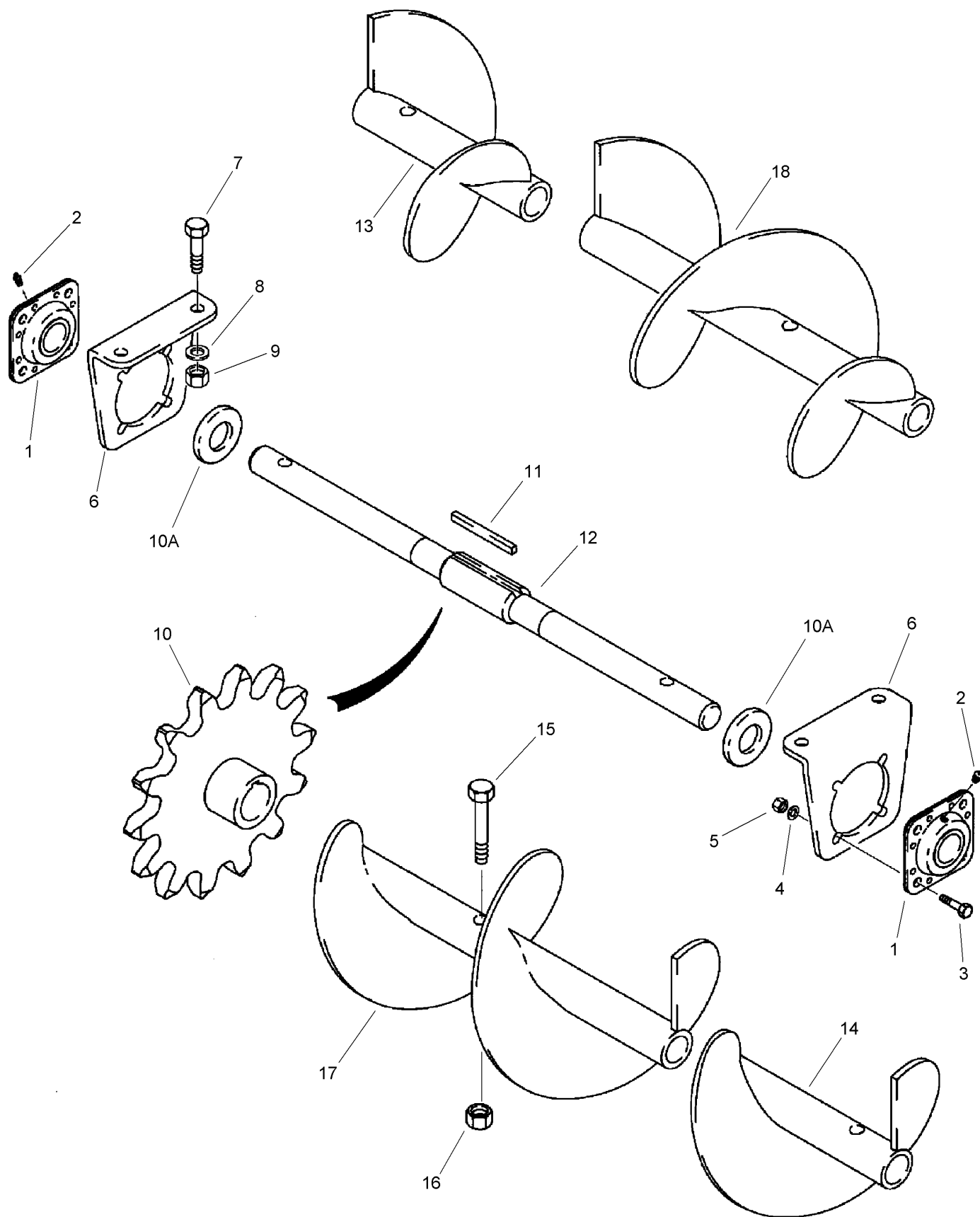
Trencher Boom and Mounting Assembly Direct Drive

Trencher Boom - 5 Foot, 50,000 Pound and 75,000 Pound Chainline (continued)					
Ref.	Part Number	Description	Ref.	Part Number	Description
	AU123933A1	1 ASY-5 Foot Direct Drive Trencher Boom	14	AU1219-66	2 Fitting-Lube, Straight
1	AU123860A1	1 Boom-Rock, 5 Foot, Direct Drive Trencher	2		2 Cap-Grease Fitting, Order 219-66 Grease Fitting ●■
2	AU123874A1	1 Plate-Rock Boom End, Right-Hand	15	AUH435218	4 Seal-Roller
3	AU123873A1	1 Plate-Rock Boom End, Left Hand	16	AUH438569	2 Spacer-Bearing
4	AU101563A1	2 Bar-Clamp	17	AUH438570	1 Pin-Boom
5	AUH434670	4 Washer-Lock	18	AUH759118	1 Bearing Kit
6	AU101562A1	2 Bar-Tapped	19	AUH435229	2 Washer-Boom, End (Roller)
7	AU426-1072	4 Bolt	20	AUH674743	1 Cylinder-Boom End
8	AUH274894	4 Washer	21	AUH755009	1 Washer-Backup
9	AU232-4118	2 Nut-Hex	22	AUH748871	1 O-Ring
10	AU426-868	2 Bolt-Hex, 1/2 NC X 4-1/4 Inch	23	AUH434551	1 Rod-Boom, End (Cylinder)
11	AUH675070	1 Boller-Boom End	24	AUH114728	1 Plug-Bleed
12	AU426-1224	1 Bolt	25	AU117591A1	1 Bar-Wear Pad, Upper, 4\ Boom
13	AU139027A1	1 Washer	26	AU101570A1	1 Channel-Wear Pad, Lower
			27	AU196-1	15 Washer-3/8 Ht
			28	AU426-616	15 Screw-HH

● Not illustrated

■ Not serviced separately

Auger and Mounting Assembly Planetary Drive Trencher

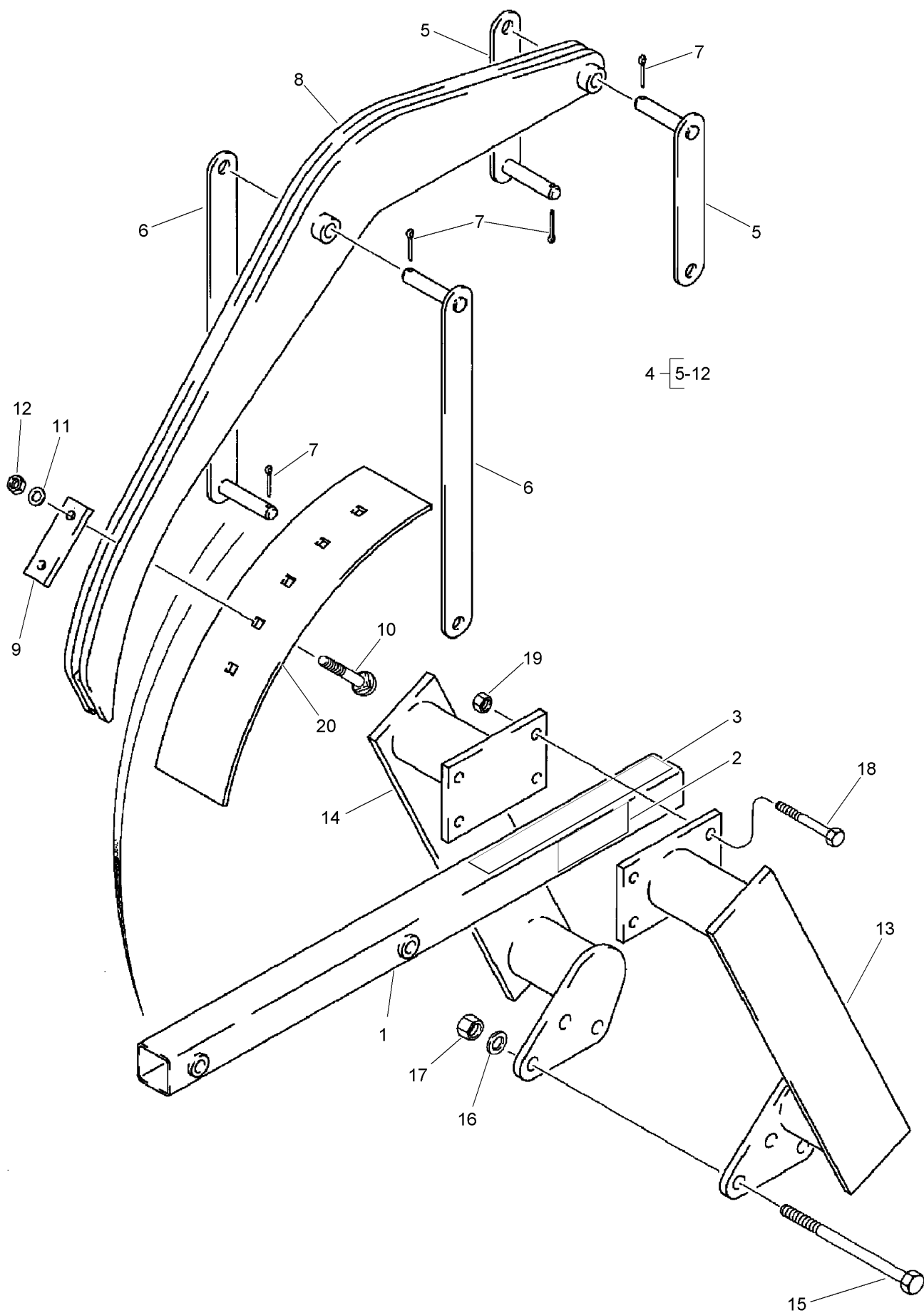


Auger and Mounting Assembly Planetary Drive Trencher (continued)

<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	AUST491A	2	Bearing	12	AU108700A1	1	Shaft-Auger
2	AU219-1	1	Fitting-Lube 1/8-27 Dryseal Ptf	13	AU108704A1	1	Auger-Spoil Removal, Left-Hand
3	AU426-820	8	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd	14	AU108705A1	1	Auger-Spoil Removal, Right-Hand
4	AUH274894	8	Washer	15	AU426-1248	2	Bolt-Hex, 3/4 NC X 3 Inch, Grade 8
5	AU232-4118	8	Nut-Hex	16	AU232-41112	2	Nut-Prev Trq 3/4 Grc Cad Direct
6	AU108699A1	2	Plate-Mounting, Auger Bearing		AU123130A1	1	Augers-Long, 24 (Contains Items 17 And 18)●
7	AU426-1032	4	Bolt-Hex Hd 0.625 X 2.00 GR8 Znd	17	AU116368A1	1	Auger-Spoil Removal, Right-Hand, Used Instead Of Item 14, If Used
8	AUT53567	4	Washer-Flat, Special, Hardened	18	AU116367A1	1	Auger-Spoil Removal, Left-Hand, Used Instead Of Item 13, If Used
9	AU232-41110	4	Nut-Lock, Hex				
10	AU126170A1	1	Sprocket-Auger Drive, 14 Teeth				
10A	AU126436A1	2	Washer				
11	AUH433528	1	Key-Square				

● Not illustrated

Crumber, Digger Chain Guard and Mounting Assembly Heavy Duty Planetary Drive Trencher

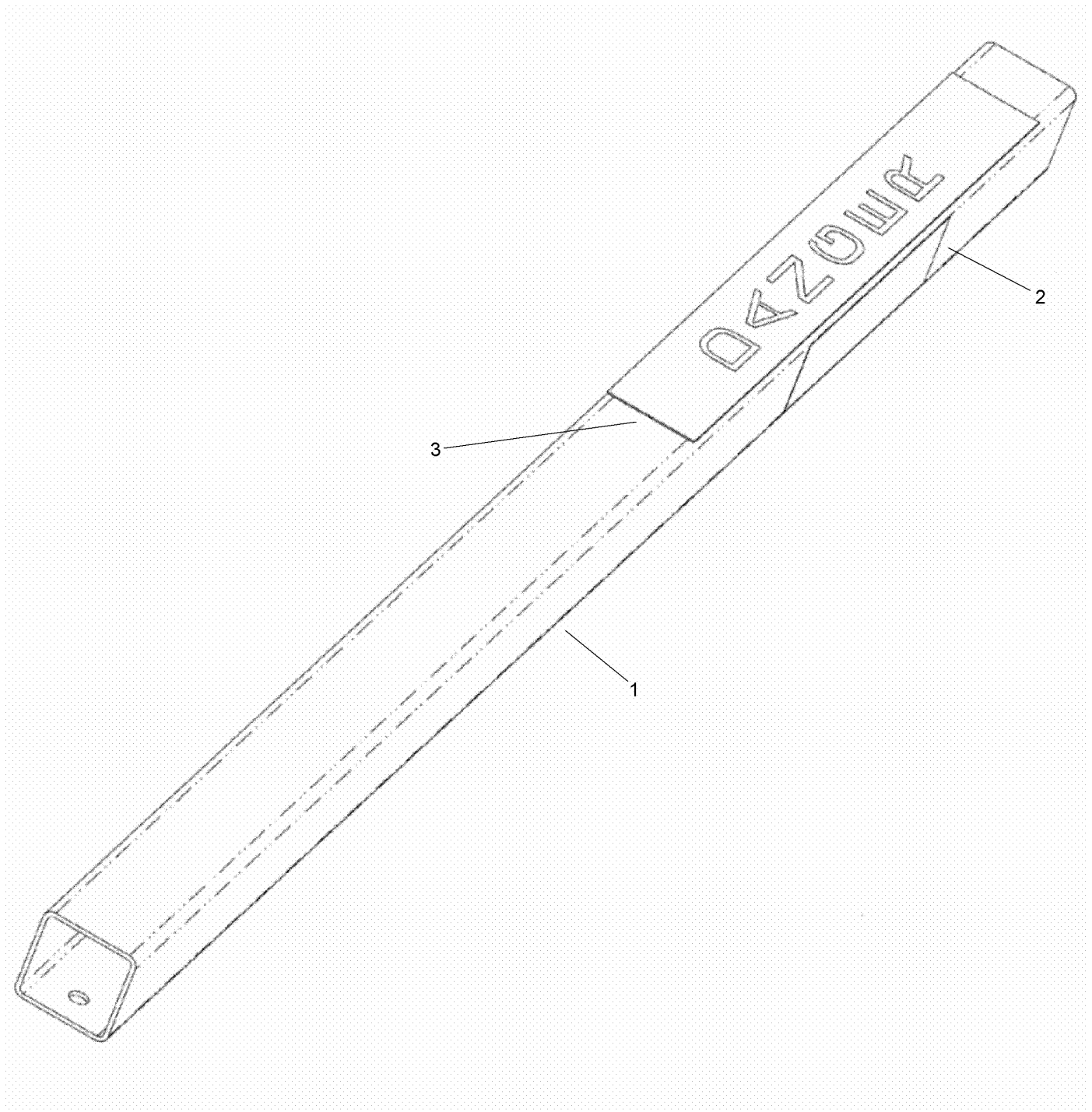


Crumber, Digger Chain Guard and Mounting Assembly Heavy Duty Planetary Drive Trencher (continued)

<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>
	AU113589A1	1	ASM-Crumber, 4 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4) ●	5	AU113587A1	2	Link-Boom To Crumber, Short
	AU115639A1	1	ASM-Crumber, 5 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4) ●	6	AUH659151	2	Link-Boom To Crumber, Long
	AU115640A1	1	ASM-Crumber, 6 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4) ●	7	AU432-1220	4	Pin-Cotter, 3/16 X 1-1/4 Inch
1	AU113586A1	1	Boom-Crumber, 4 Foot, Heavy Duty Planetary Trencher	8	AUH673071	1	Bracket-Crumber Blade
1	AU115637A1	1	Boom-Crumber, 5 Foot, Heavy Duty Planetary Trencher	9	AUH309450	1	Plate-Spacer, Bracket To Blade
1	AU115638A1	1	Boom-Crumber, 6 Foot, Heavy Duty Planetary Trencher	10	AU411-864	2	Bolt-CARR
1	AU120625A1	1	Guard-Digging Chain, 4 Foot, Units Without Crumber, If Used	11	AUH274894	2	Washer
1	AUH672675	1	Guard-Digging Chain, 5 Foot, Units Without Crumber, If Used	12	AU232-4118	2	Nut-Hex
1	AU111499A1	1	Guard-Digging Chain, 6 Foot, Units Without Crumber, If Used	13	AU224363A1	1	Mount-Crumber, RH
2	AU126332	2	Decal-Danger, Entanglement Hazard	13	AU117777A1	1	Mount-Crumber LH
3	AUH438910	1	Decal-Danger	14	AU224364A1	1	Mount-Crumber, LH
4	AU113588A1	1	I / Basic Crumber ASM	14	AU117778A1	1	Mount-Crumber RH
				15	AU426-12112	3	Bolt
				16	AUH426817	3	Washer-Flat
				17	AU232-41112	3	Nut-Prev Trq 3/4 Grc Cad Direct
				18	AU426-864	4	Screw-HH
				19	AU232-4118	4	Nut-Hex
				20	AUH127480	1	Blade-Crumber, 6 Inch Wide, If Used
				20	AUH60087	1	Blade-Crumber, 8 Inch Wide, If Used
				20	AUH60103	1	Blade-Crumber, 10 Inch Wide, If Used
				20	AUH60129	1	Blade-Crumber, 11 Inch Wide, If Used
				20	AUH60145	1	Blade-Crumber, 13 Inch Wide, If Used
				20	AUH60160	1	Blade-Crumber, 16 Inch Wide, If Used

● Not illustrated

Restraint Bar - 3 Foot



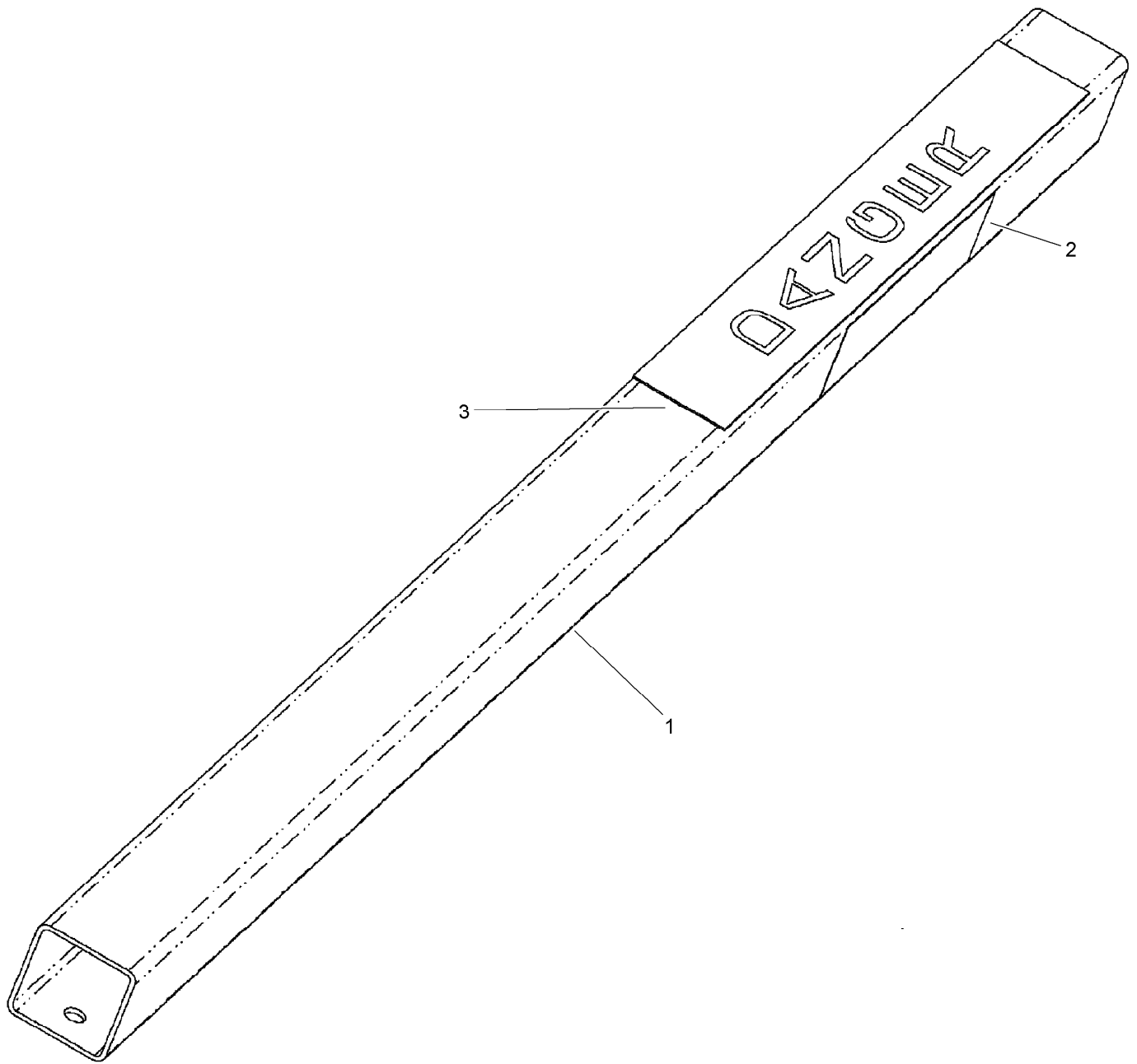
Restraint Bar - 3 Foot (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AUH672302	1	Bar-Restraint, 3 Foot ●
1	AUH429092	1	Tube-Restraint Bar

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	AU126332	2	Decal-Danger, Entanglement Hazard
3	AUH438910	1	Decal-Danger

● Not illustrated

Restraint Bar - 4 Foot

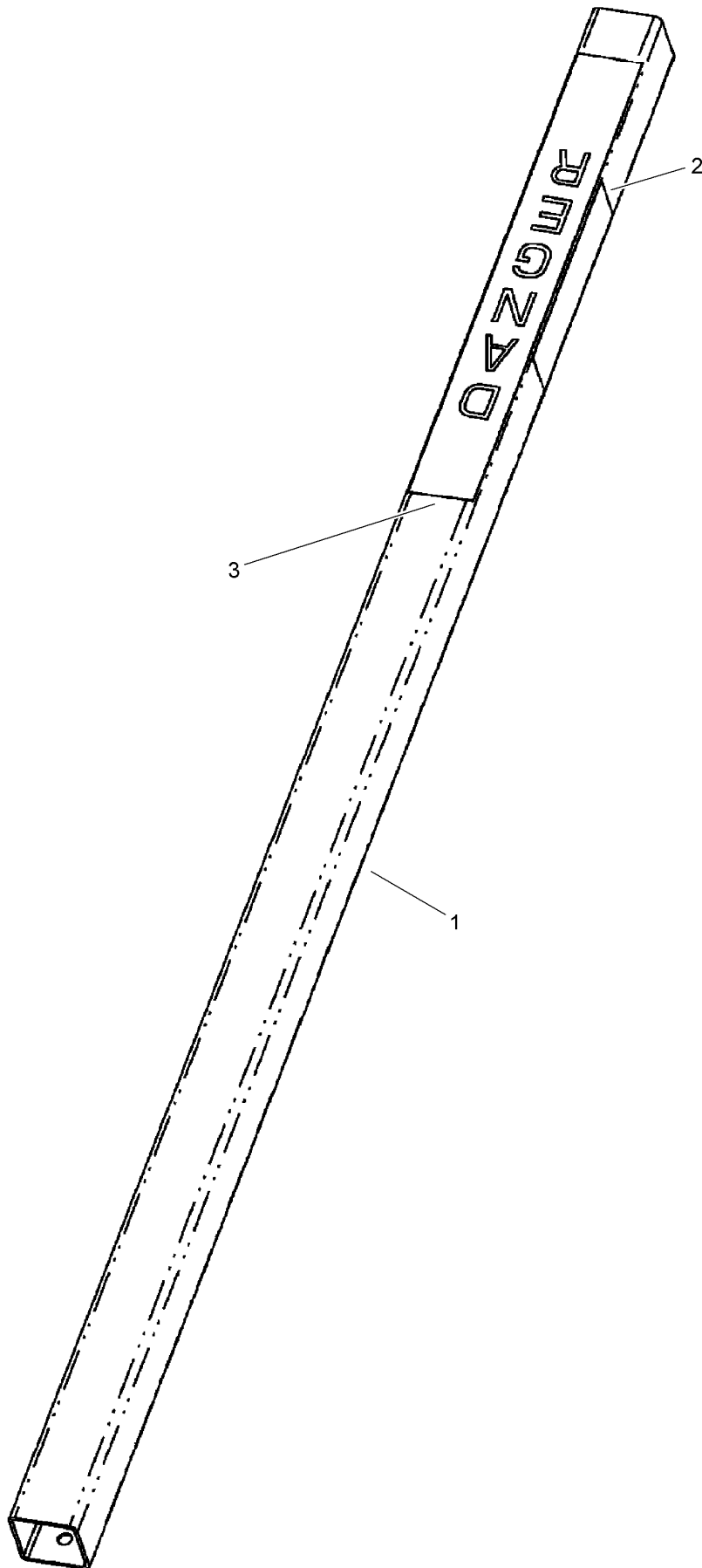


Restraint Bar - 4 Foot (continued)

<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>
	AU120625A1	1	Guard-Digging Chain, 4 Foot, Units Without Crumber, If Used ●	2	AU126332	2	Decal-Danger, Entanglement Hazard
1	AU120627A1	1	Tube-Restraint Bar	3	AUH438910	1	Decal-Danger

● Not illustrated

Restraint Bar - 5 Foot



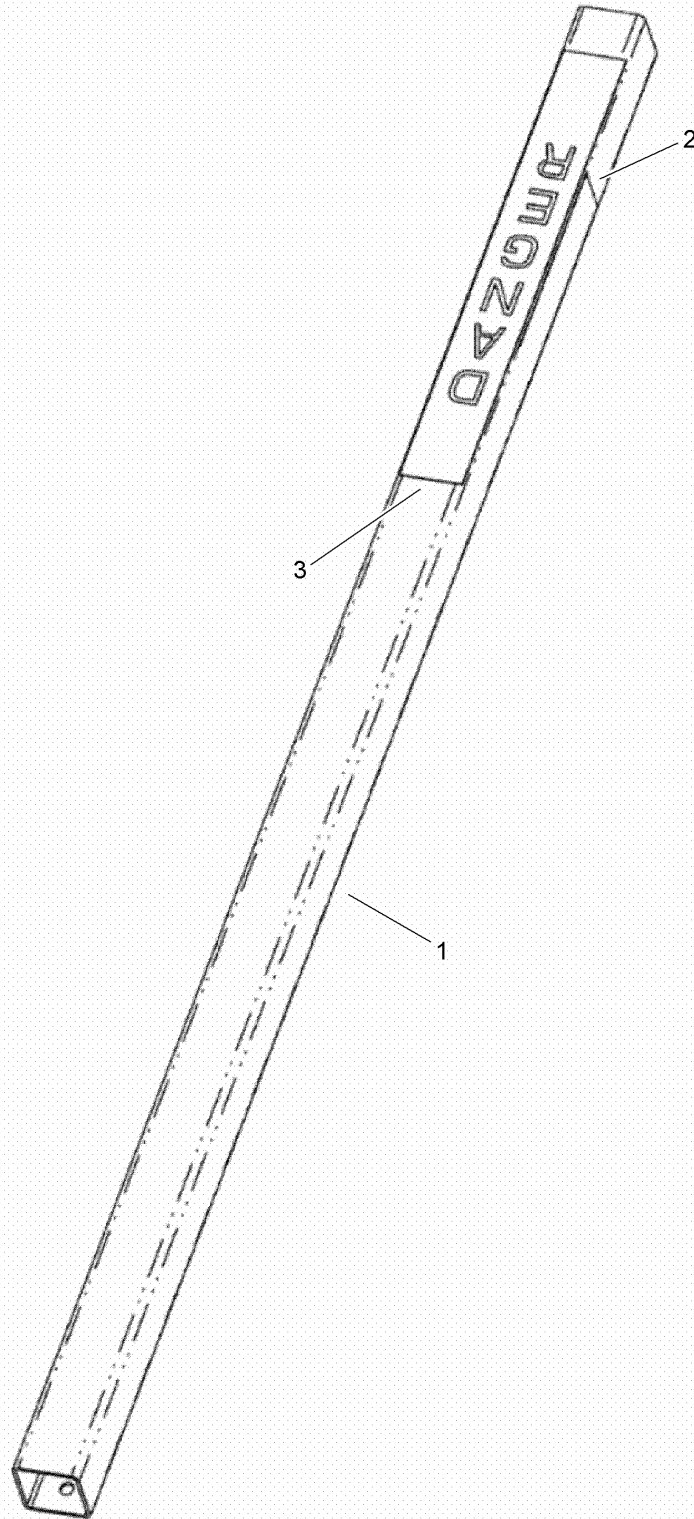
Restraint Bar - 5 Foot (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AUH672675	1	Guard-Digging Chain, 5 Foot, Units Without Crumber, If Used ●
1	AUH434498	1	Tube-Restraint Bar

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	AU126332	2	Decal-Danger, Entanglement Hazard
3	AUH438910	1	Decal-Danger

● Not illustrated

Restraint Bar - 6 Foot

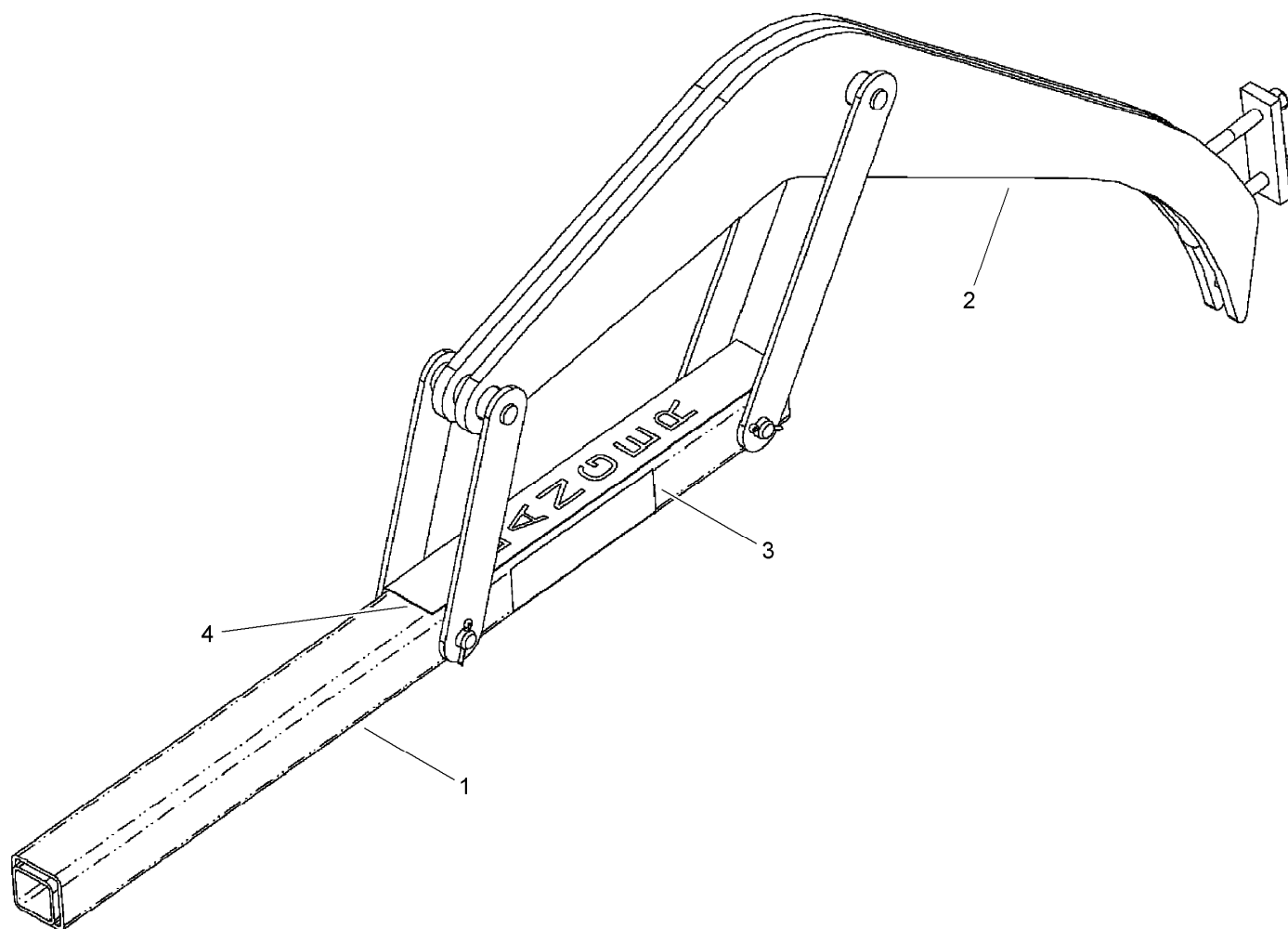


Restraint Bar - 6 Foot (continued)

<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>
	AU111499A1	1	Guard-Digging Chain, 6 Foot, Units Without Curmber, If Used ●	2	AU126332	2	Decal-Danger, Entanglement Hazard
1	AU120628A1	1	Tube-Restraint Bar	3	AUH438910	1	Decal-Danger

● Not illustrated

Crumber - 4 Foot

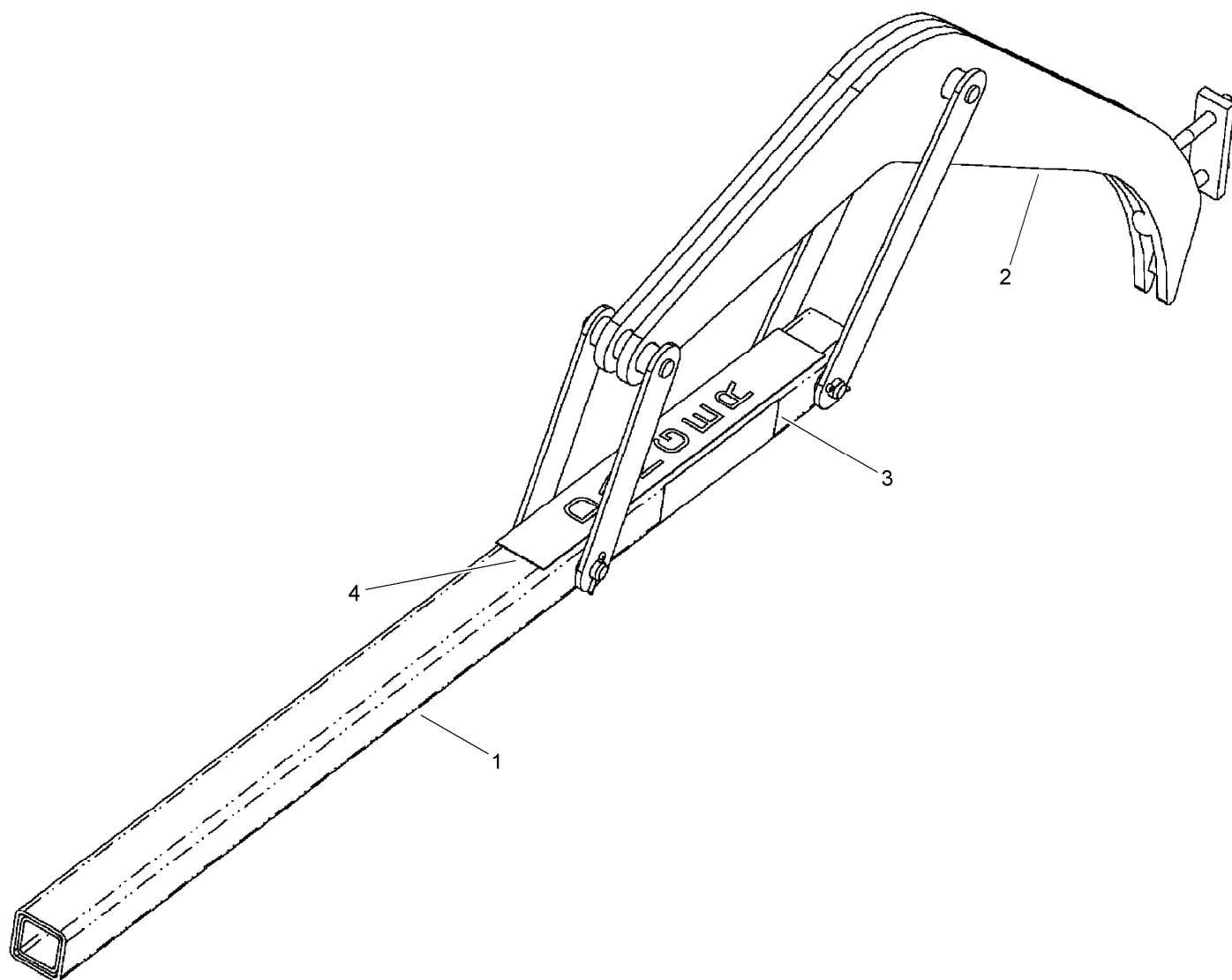


Crumber - 4 Foot (continued)

<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>
	AU113589A1	1	ASM-Crumber, 4 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4)●	2	AU113588A1	1	I / Basic Crumber ASM
				3	AU126332	2	Decal-Danger, Entanglement Hazard
1	AU113586A1	1	Boom-Crumber, 4 Foot, Heavy Duty Planetary Trencher	4	AUH438910	1	Decal-Danger

● Not illustrated

Crumber - 5 Foot

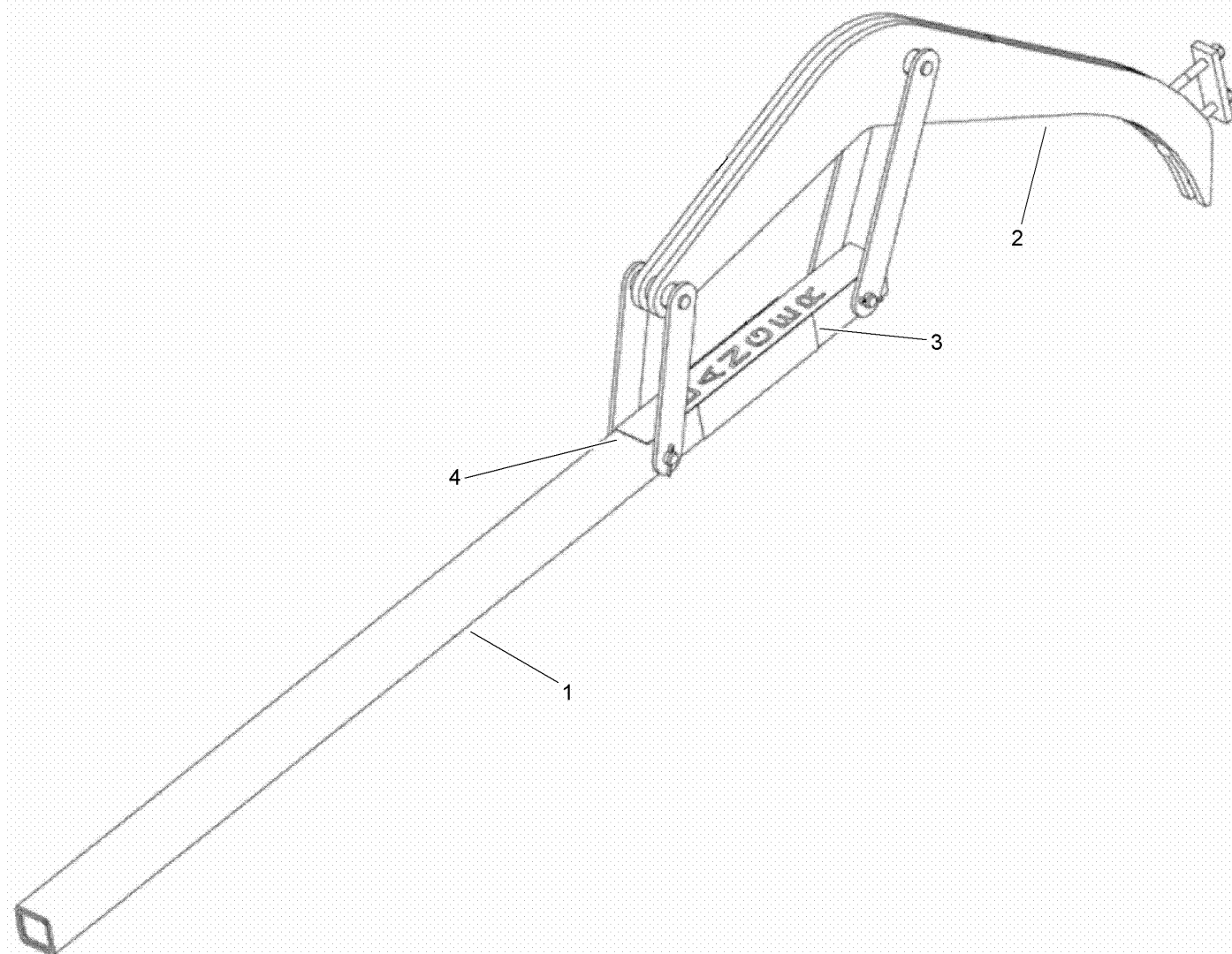


Crumber - 5 Foot (continued)

<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>
	AU115639A1	1	ASM-Crumber, 5 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4)●	2	AU113588A1	1	I / Basic Crumber ASM
				3	AU126332	2	Decal-Danger, Entanglement Hazard
1	AU115637A1	1	Boom-Crumber, 5 Foot, Heavy Duty Planetary Trencher	4	AUH438910	1	Decal-Danger

● Not illustrated

Crumber - 6 Foot

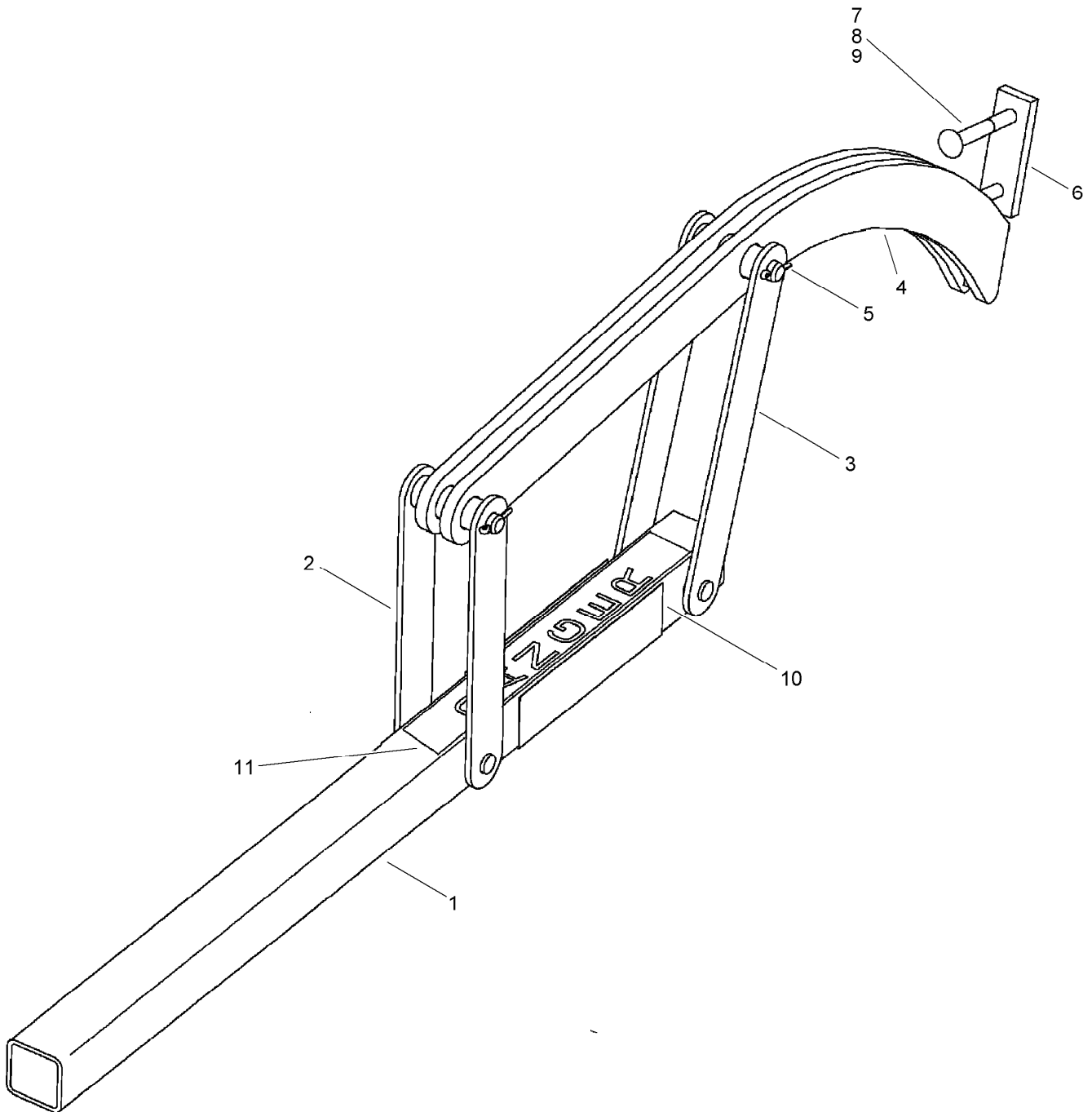


Crumber - 6 Foot (continued)

<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>
	AU115640A1	1	ASM-Crumber, 6 Foot, Heavy Duty Planetary Trencher (Consists Of Items 1-4)●	2	AU113588A1	1	I / Basic Crumber ASM
				3	AU126332	2	Decal-Danger, Entanglement Hazard
1	AU115638A1	1	Boom-Crumber, 6 Foot, Heavy Duty Planetary Trencher	4	AUH438910	1	Decal-Danger

● Not illustrated

Crumber - 4 Foot Direct Drive Trencher

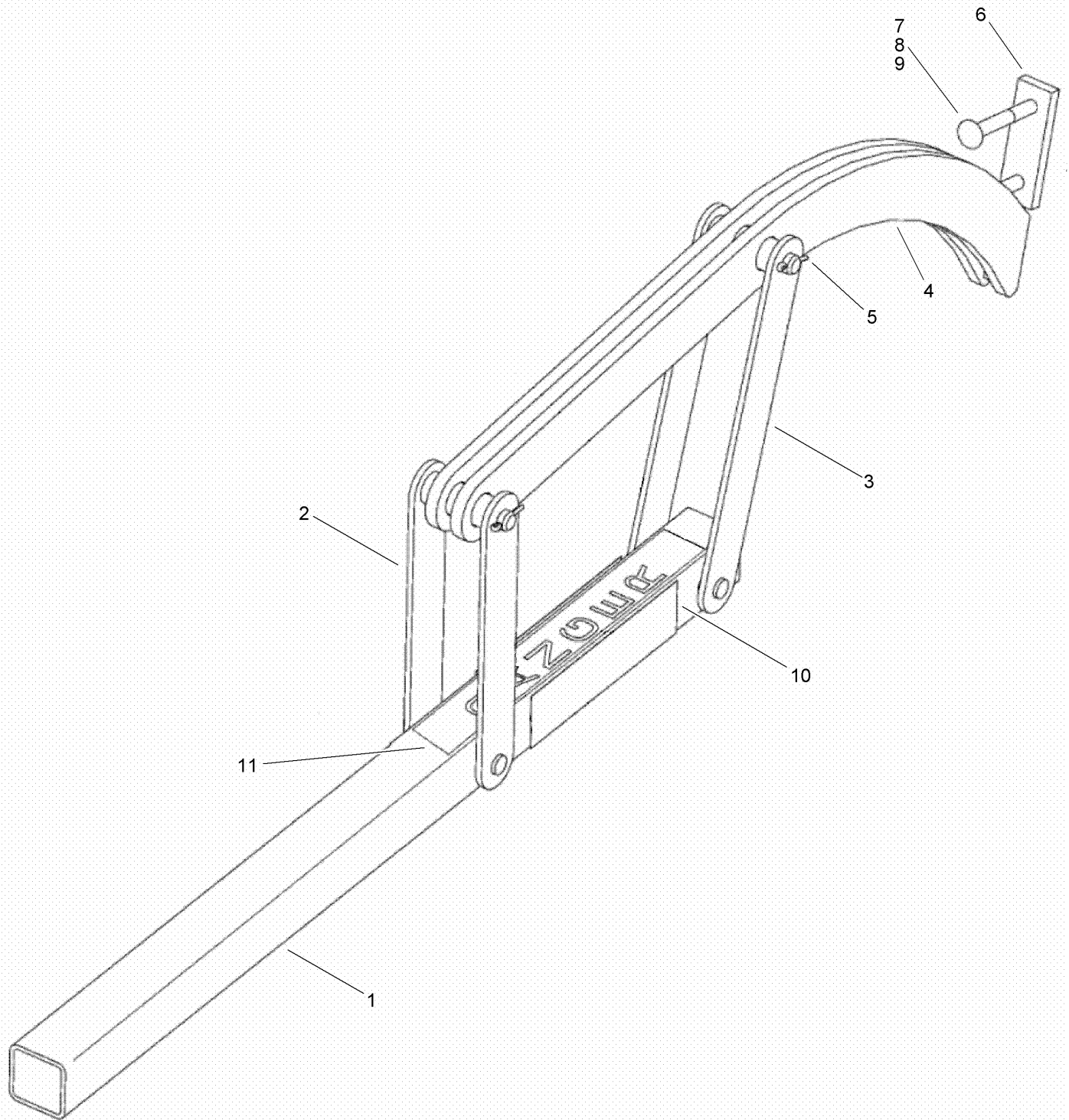


Crumber - 4 Foot Direct Drive Trencher (continued)

<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>
	AUH938795	1	ASM-Crumber, 4 Foot ●	7	AU411-864	2	Bolt-CARR
1	AUH659177	1	Tube-4 Foot Crumber	8	AU495-11053	2	Washer-0.531 X 1.062 X 0.092 In Cst Znd
2	AUH659144	2	Link-Crumber	9	AU230-4218	2	Nut-Hex
3	AUH659151	2	Link-Boom To Crumber, Long	10	AU428652A1	2	Decal-Danger, Entanglement Hazard
4	AUH659201	1	Blade-Crumber	11	AUH438910	1	Decal-Danger
5	AU432-1220	4	Pin-Cotter, 3/16 X 1-1/4 Inch				
6	AUH309450	1	Plate-Spacer, Bracket To Blade				

● Not illustrated

Crumber - 5 Foot Direct Drive Trencher

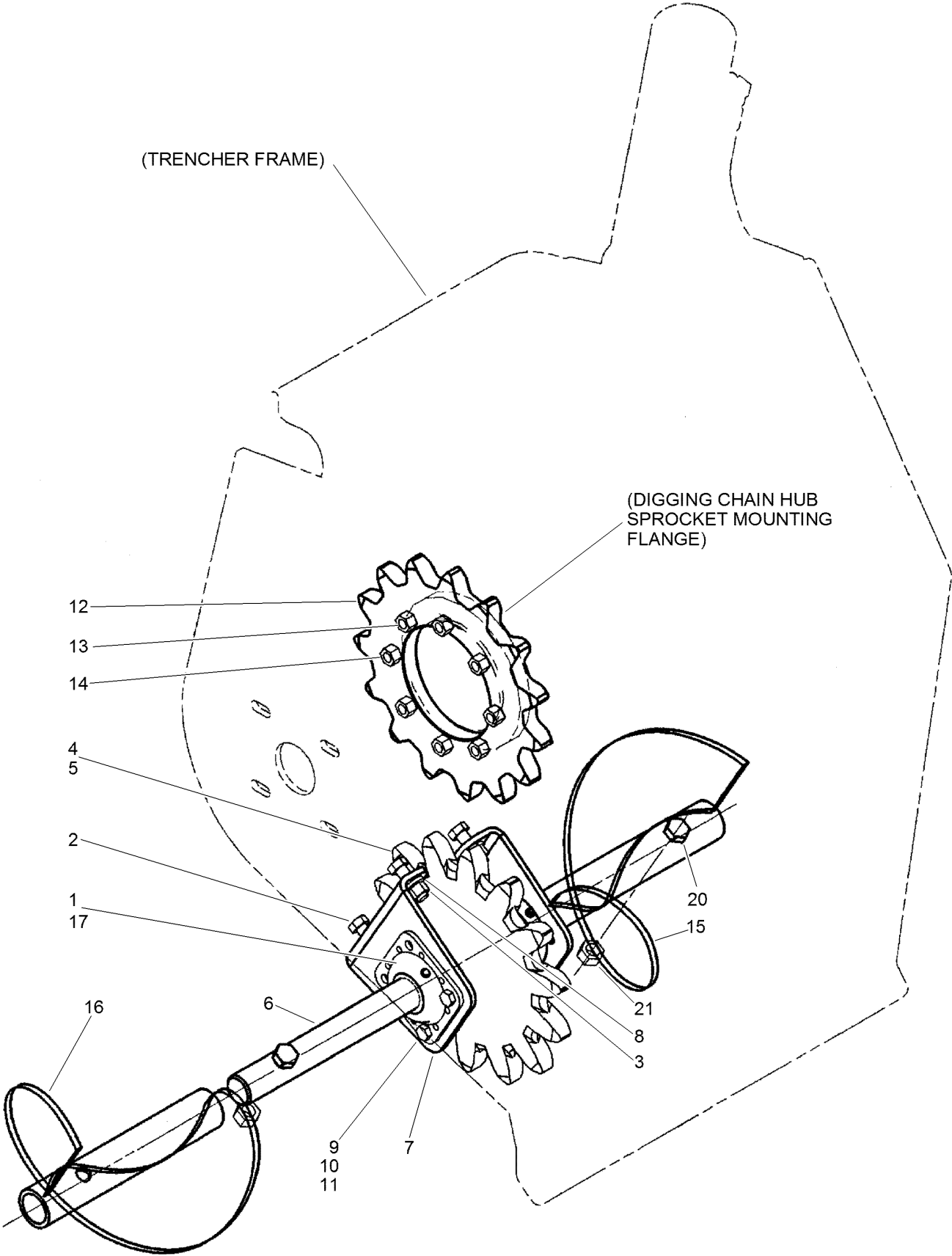


Crumber - 5 Foot Direct Drive Trencher (continued)

<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>
	AUH938803	1	ASM-Crumber, 5 Foot ●	7	AU411-864	2	Bolt-CARR
1	AUH659185	1	Tube-5 Foot Crumber	8	AU495-11053	2	Washer-0.531 X 1.062 X 0.092 In Cst Znd
2	AUH659144	2	Link-Crumber	9	AU230-4218	2	Nut-Hex
3	AUH659151	2	Link-Boom To Crumber, Long	10	AU428652A1	2	Decal-Danger, Entanglement Hazard
4	AUH659201	1	Blade-Crumber	11	AUH438910	1	Decal-Danger
5	AU432-1220	4	Pin-Cotter, 3/16 X 1-1/4 Inch				
6	AUH309450	1	Plate-Spacer, Bracket To Blade				

● Not illustrated

Auger and Mounting

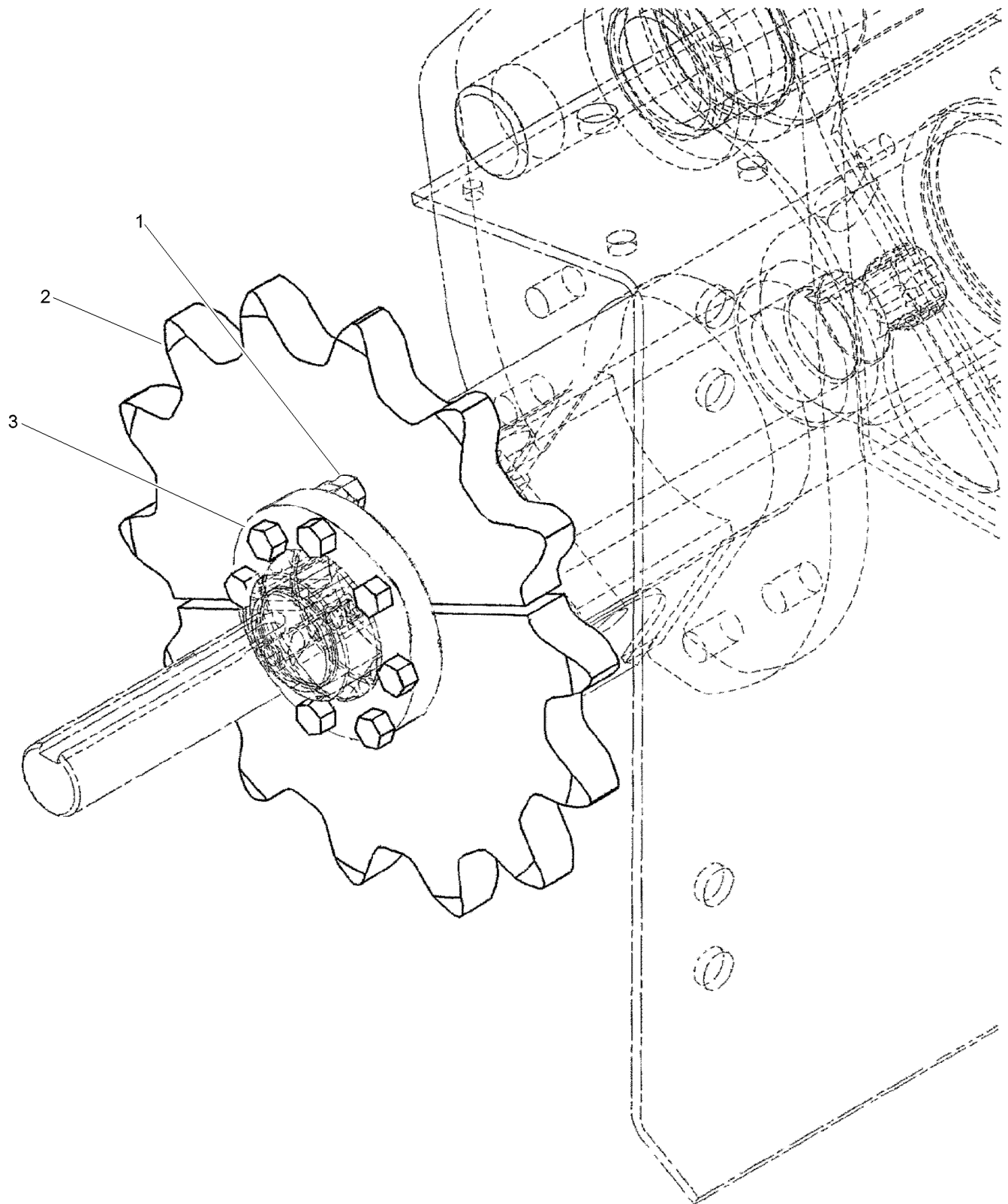


Auger and Mounting (continued)

<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>
	AU121485A1	1	ASM-Chain And Auger Drive ●	10	AUH274894	8	Washer
1	AUST491A	2	Bearing	11	AU232-4118	8	Nut-Hex
2	AU426-1032	4	Bolt-Hex Hd 0.625 X 2.00 GR8 Znd	12	AU104152A1	1	Sprocket-Split 50/75K
3	AU232-41110	4	Nut-Lock, Hex	13	AU428-944	8	Screw-HH
4	AU126170A1	1	Sprocket-Augur Drive, 14 Teeth	14	AU131-1249	8	Nut-Hex, 1/2 Nf
5	AUH433528	1	Key-Square	15	AU108704A1	1	Auger-Spoil Removal, Left-Hand
6	AU108700A1	1	Shaft-Augur	16	AU108705A1	1	Auger-Spoil Removal, Right-Hand
7	AU108699A1	2	Plate-Mounting, Augur Bearing	17	AU126436A1	2	Washer
8	AUH426809	4	Washer-Flat	18	AU7-47421	1	Instructions-Installation ●
9	AU426-820	8	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd	20	AU426-1248	2	Bolt-Hex, 3/4 NC X 3 Inch, Grade 8
				21	AU232-41112	2	Nut-Prev Trq 3/4 Grc Cad Direct

● Not illustrated

Direct Drive Trencher

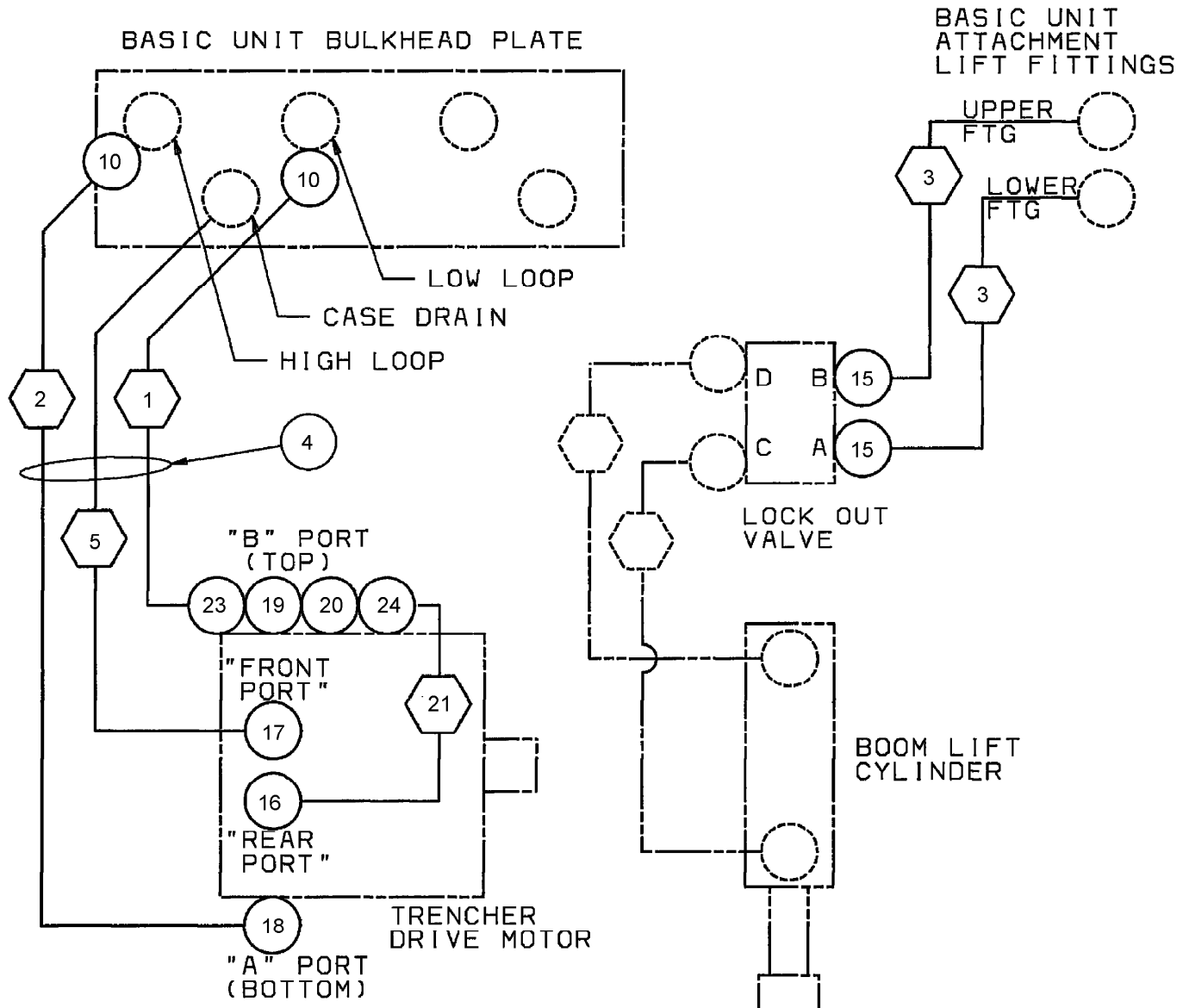


Direct Drive Trencher (continued)

<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>
	AU129702A1	1	Sprocket-Split, Direct Drive Trencher ●	2	AU122432A1	1	Sprocket-Chainline Drive
1	AU232-4617	8	Nut-Hex	3	AU428-736	8	Screw-HH

● Not illustrated

Kit, Trencher Attachment - Rear Centerline Heavy Duty Trencher



Kit, Trencher Attachment - Rear Centerline Heavy Duty Trencher (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>
	AU109609A1	1	Kit-Heavy Duty Trencher Attachment, Rear Centerline ●	13	AU426-1632	2	Bolt ●
1	AU109608A1	1	Hose-Low Pressure Loop	14	AUH426833	2	Washer ●
2	AU109607A1	1	Hose-High Pressure Loop	15	AU218-5058	2	Connector
3	AU109605A1	2	Hose-Boom Lift	16	AU218-5121	1	Elbow-90 Deg, 1/2 To 5/8
4	AUL18331	1	Strap-Tie	17	AU218-5062	1	Connector-Str Thd 5/8, 37FI-ORB 5/8
5	AU109606A1	1	Hose-Case Drain	18	AU218-5064	1	Fitting-Straight
6	AU426-1240	2	Bolt ●	19	AU91-203003-12-16S	1	Adapter-Tee, ORB / JIC
7	AU426-1236	4	Screw-HH ●	20	AUH439323	1	Fitting-Restrictor
8	AU232-41112	8	Nut-Prev Trq 3/4 Grc Cad Direct ●	21	AUH437953	1	Hose-Trencher Motor Flush
9	AUH426817	13	Washer-Flat ●	22	AU7-47343	1	Instructions-Installation ●
10	AU201-147	2	Reducer-16Ff-12Mf	23	AU218-5382	1	Elbow-Swivel, 90 DEG
12	AU426-12104	2	Screw-HH ●	24	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube

● Not illustrated

Kit, Trencher Attachment - Offset

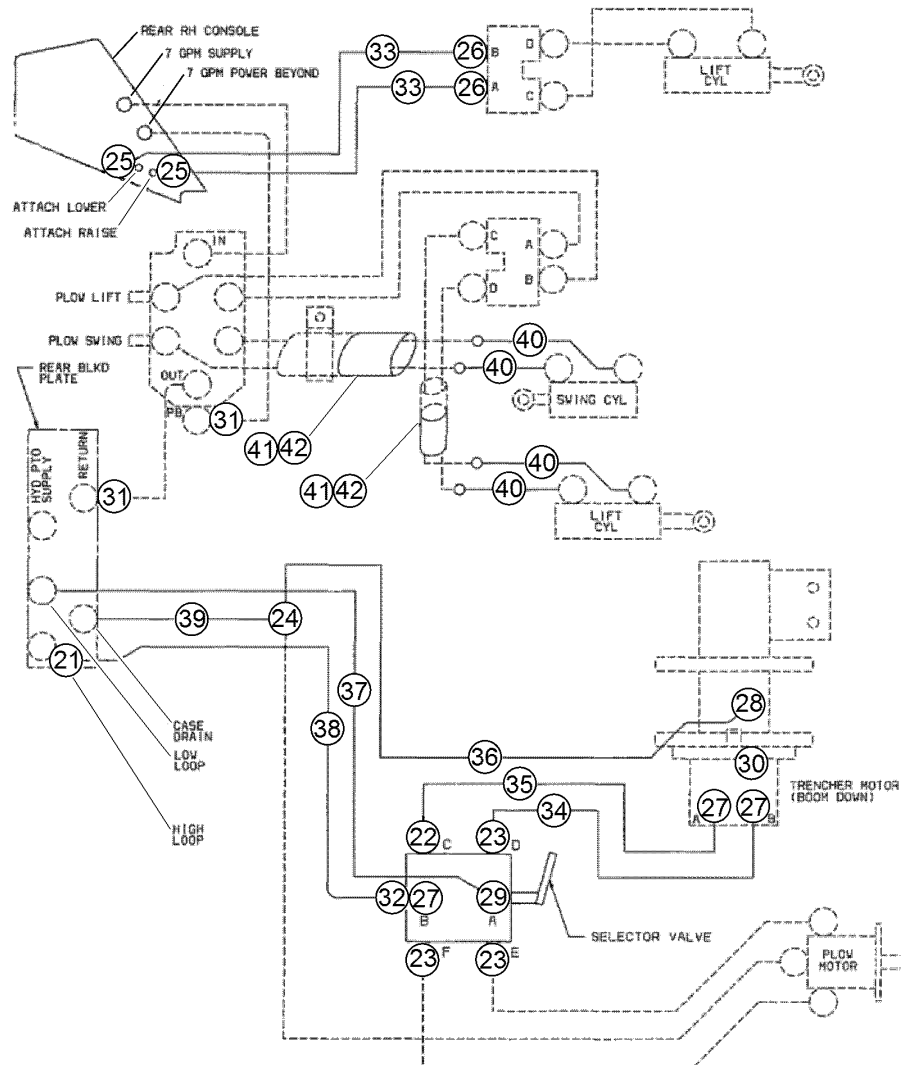
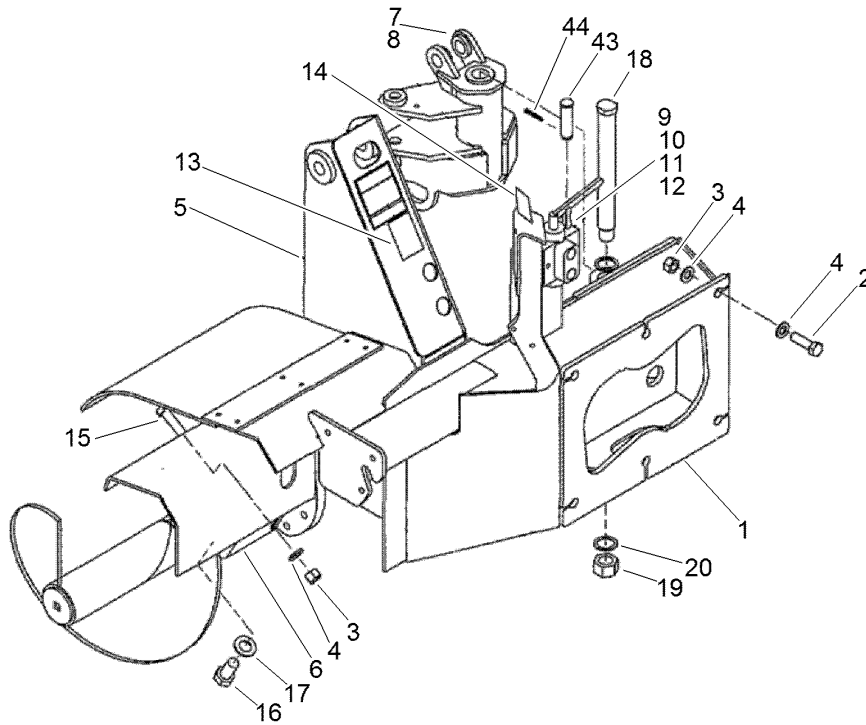
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Kit, Trencher Attachment - Offset (continued)

<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>
	AUH830224	1	Kit-Trencher Attachment, Offset ●●	17	AU119666A1	2	Hose-Trencher Lift ●
1	AU426-1240	6	Bolt ●●	18	AU119667A1	1	Hose-Trencher Hi Loop ●
2	AU232-41112	11	Nut-Prev Trq 3/4 Grc Cad Direct ●	19	AU119669A1	1	Hose-Trencher Lo Loop ●
3	AUH426817	19	Washer-Flat ●	20	AU119671A1	1	Hose-Trencher Case Drain ●
4	AU115197A1	1	Slide-Offset Trencher ●	21	AUH437953	1	Hose-Trencher Motor Flush ●
5	AU426-828	4	Bolt-Hex Hd 1/2 X 1-3/4 GR5 Znd ●	22	AU201-147	2	Reducer-16Ff-12Mf ●
6	AU232-4118	4	Nut-Hex ●	23	AU218-5058	2	Connector ●
7	AUH274894	8	Washer ●	24	AU218-5121	1	Elbow-90 Deg, 1/2 To 5/8 ●
8	AU115201A1	4	Bar-Slider, Short ●	25	AU218-5062	1	Connector-Str Thd 5/8, 37FI-ORB 5/8 ●
9	AU61-43116	4	Bolt-Hex Socket 5/16-18 NC X 1 ●	26	AU218-5064	1	Fitting-Straight ●
10	AU61-43120	8	Bolt-5/16-18 X 1-1/4 Hs Flat Csk Hd ●	27	AU91-203003-12-16S	1	Adapter-Tee, ORB / JIC ●
11	AU232-4115	8	Nut-Hex ●	28	AU111975A1	1	Fitting-Straight Restrictor ●
12	AU496-11034	8	Washer-Flat ●	29	AU7-45540	1	Instructions-Installation ●
13	AU426-1236	3	Screw-HH ●	31	AU218-5382	1	Elbow-Swivel, 90 DEG ●
14	AU426-12104	2	Screw-HH ●	32	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube ●
15	AU426-1632	2	Bolt ●		AU115186A1	1	Frame-Offset Trencher Mounting ●●
16	AUH426833	2	Washer ●		AU115202A1	1	Bar-Slider, Long ●●

● Not illustrated

Kit, Quad Attachment



Kit, Quad Attachment (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>
	AU125855A1	1	Kit-Quad Attachment ●	24	AU218-595	2	Tee-10Mj X 10Mj X 10Mj
1	AU125857A1	1	Frame-Quad	25	AU218-980	2	Fitting-Swivel, 90 DEG
2	AU426-1240	6	Bolt	26	AU218-5058	3	Connector
3	AU232-4112	8	Nut-3/4 TI Grd C	27	AU218-5064	1	Fitting-Straight
4	AUH426817	14	Washer-Flat	28	AU218-5107	1	Elbow-90 Adj 37FI 5/8 Tube
5	AU125856A1	1	ASM-Trencher	29	AU218-5108	1	Elbow-90 Adj 37FI 3/4 Tube
6	AU121418A1	1	Drive-Trencher	30	AU218-5155	2	Plug-Hex Hd, ORB 3/8
7	AU120818A1	1	Plow-Basic P75	31	AU218-5175	1	Elbow-45 Deg 12Mj X 12Fj
8	AU127219A2	1	Plumbing-P75 Plow	32	AU218-5231	2	Fitting-Elbow, 90
9	AUH672979	2	Valve-Selector, 6 Port	33	AU109605A1	1	Hose-Boom Lift
10	AU426-648	2	Bolt-Hex, 3/8 NC X 3 Inch	34	AU127252A2	1	Hose-Low Pressure Loop
11	AU232-4116	4	Nut-Hex	35	AU127253A2	1	Hose-High Pressure Loop
12	AU496-21041	1	Washer-Flat	36	AU128847A1	1	Hose-Case Drain
13	AU180467A1	1	Decal-Quad Selector	37	AU129589A1	1	Hose-Selector Valve Lo Loop
14	AU127447A1	2	Decal-Plow Control Pattern, Lift/Swing	38	AU129590A1	1	Hose-Selector Valve Hi Loop
15	AU426-1296	2	Screw-HH	39	AU129591A1	4	Hose-Case Drain
16	AU426-1632	2	Bolt	40	AU129592A1	2	Hose-Extension
17	AUH426833	1	Washer	41	AU128775A1	2	Sleeve-Nylon
18	AU120727A1	1	Pin-Pivot, Plow	42	AUL11541	2	Strap-Tie
19	AU232-41120	2	Nut-Hex	43	AU427-16350	1	Pin-Clevis, 1 X 3-1/2 Inch, Hardened
20	AU495-81293	1	Washer-Flat, 1-17/32 X 2-1/16 X 1/8 Inch	44	AU432-1028	1	Pin-Cotter, 5/32 X 1-3/4 Inch
21	AU201-147	1	Reducer-16Ff-12Mf	45	AU7-47660	1	Instructions-Installation ●
22	AU201-307	3	Elbow-90 Deg 12Mo X 12Mf				
23	AU201-317	1	Elbow-45 Deg 12Mo X 12Mf				

● Not illustrated

Selector Valve, Quad Assembly

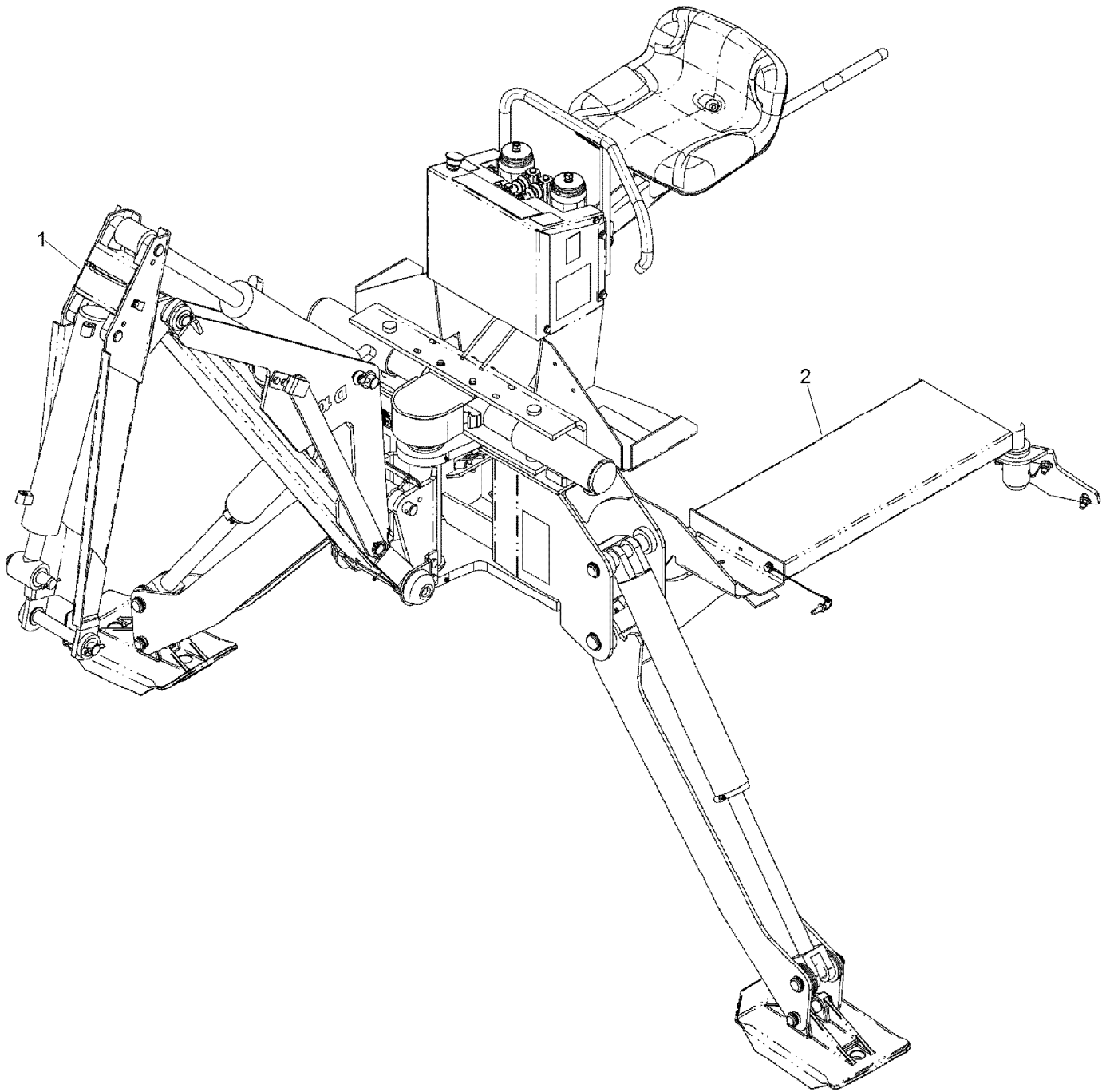
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Selector Valve, Quad Assembly (continued)

<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>
	AUH939288	1	ASM-Selector Valve, Quad ●●	8	AU218-5135	2	Elbow-45 Adj 37FI 3/8 Tube ●
1	AUH672689	1	HYD Control Valve ASM ●	9	AU102179A1	2	Hose-Front Bulkhead Ports To Rear Selector Valve Ports ●
2	AU426-564	2	Bolt-5/16 X 4 Grd 5 ●	10	AU102180A1	2	Hose-Rear Console Bulkhead Fittings To Front Valve Ports ●
3	AU231-5145	2	Nut-Hex Serrated Flange, 5/16 Inch NC ●	11	AU7-51920	1	Instructions-Installation ●
4	AU496-11034	4	Washer-Flat ●	12	AU218-5552	2	Elbow-90 Deg ●
5	AUD36488	6	Spacer-5/16 Long ●				
6	AU180466A1	1	Decal-Selector ●				
7	AU218-5105	2	Elbow-90 DEG (Adjustable 37 DEG) ●				

● Not illustrated

D100 Backhoe Assembly No. 1

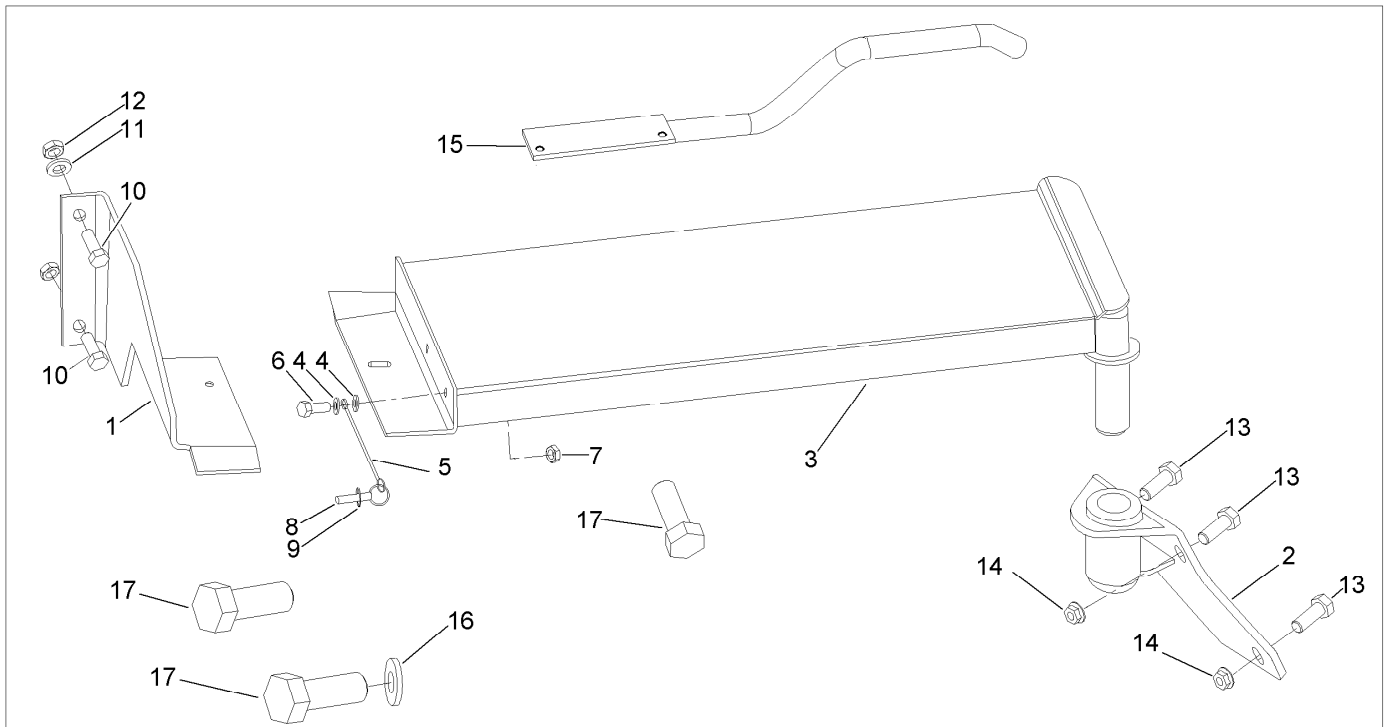


D100 Backhoe Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU125293	1	ASM-D100 Backhoe ●
1	AU125584	1	ASM-Basic Backhoe, D100
2	AU125587	1	Kit-D100 Backhoe Attachment

● Not illustrated

Kit - D100 Backhoe Attachment

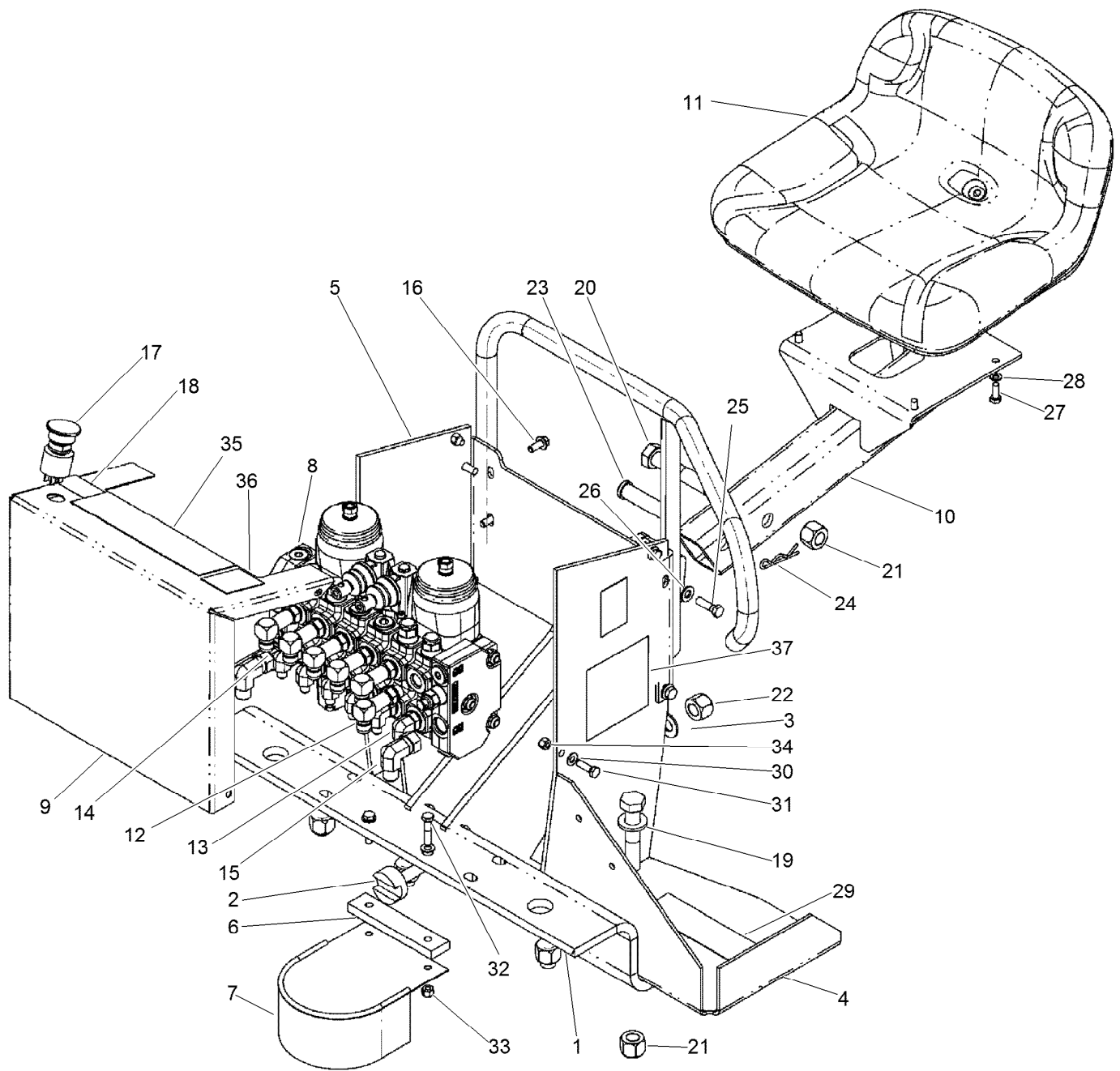


Kit - D100 Backhoe Attachment (continued)

<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>
	AU125587	1	Kit-D100 Backhoe Attachment ●	9	AU495-11041	1	Washer-0.406 X 0.812 X 0.065 In Cst Znd
1	AU116559A1	1	Bracket-Walkway Support	10	AU426-832	2	Bolt
2	AU125301	1	Weldment-Walkway Mounting Bracket	11	AUH274894	2	Washer
3	AU125300	1	Walkway-Backhoe	12	AU232-4118	2	Nut-Hex
4	AU496-21041	2	Washer-Flat	13	AU100830	3	Screw
5	AUL78786	1	Retainer-Rope, Wire	14	AU100528	3	Nut-HHF, Lock
6	AU426-616	1	Screw-HH	15	AU125510	1	Weldment-Handrail, Backhoe
7	AU232-4116	1	Nut-Hex	16	AUD43536	4	Washer-Flat, Special
8	AUD94535	1	Pin-Cotterless	17	AU426-2048	4	Bolt

● Not illustrated

D100 Backhoe Assembly No. 2

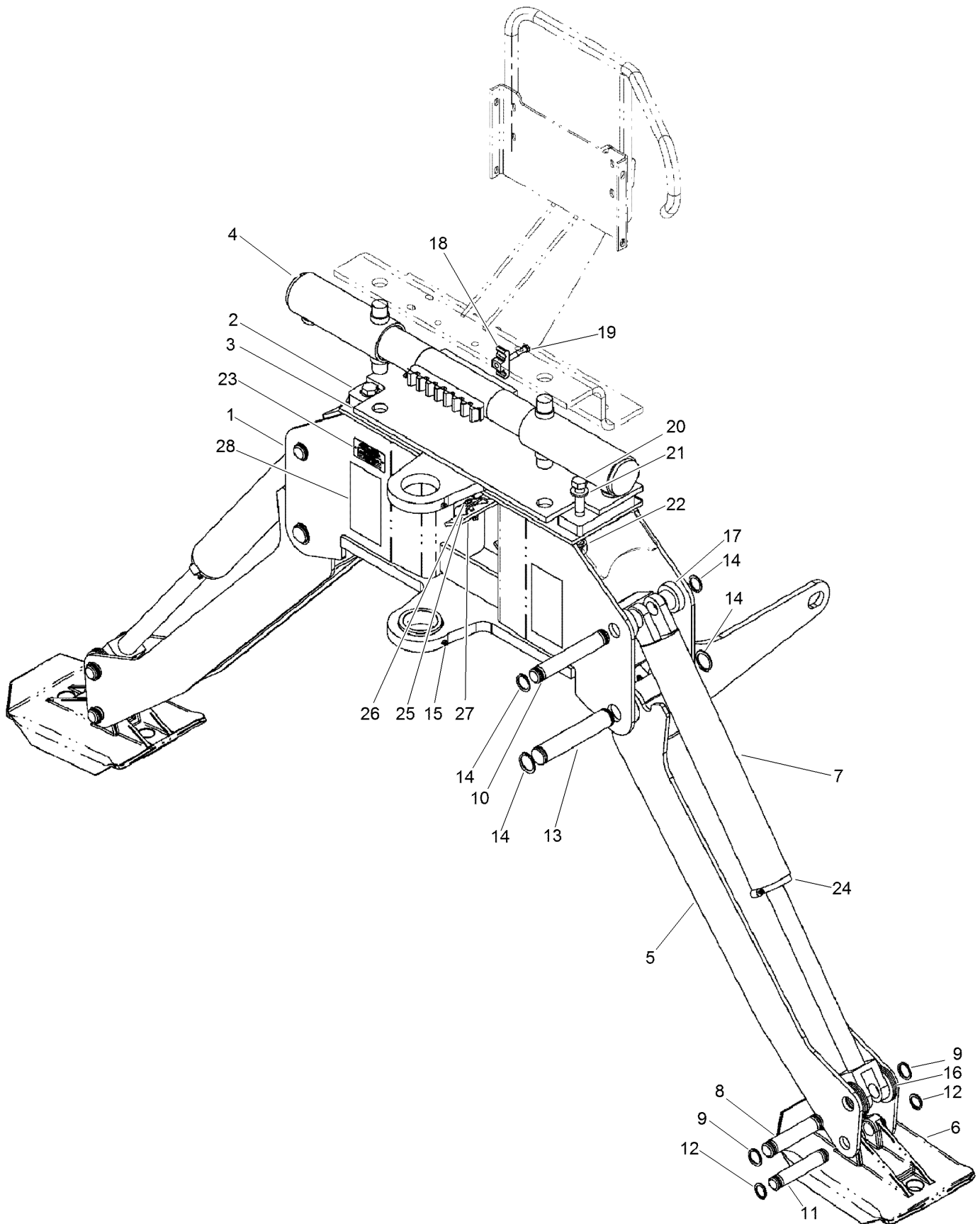


D100 Backhoe Assembly No. 2 (continued)

<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>
	AU125584	1	ASM-Basic Backhoe, D100 ●	20	AU426-1260	5	Bolt-Hex Hd 0.750 X 3.75 GR8 Znd
1	AU125585	1	Weldment-Angle, Swg Cyl Mtg	21	AU232-41112	5	Nut-Prev Trq 3/4 Grc Cad Direct
2	AUH434525	1	Guide-Rack.	22	AU230-47110	1	Nut-Hex Lock 5/8-18 Cad Grd A
3	AU495-11066	1	Washer-Flat	23	AUS010839	1	Pin-Seat Lock
4	AU116164A1	1	Weldment-Guard, LH Foot	24	AU136-164	1	Pin-Hair Cotter, Int
5	AU116165A1	1	Weldment-Guard, RH Foot	25	AU426-620	4	Bolt
6	AU139121A1	1	Bar-Spacer	26	AU496-21041	4	Washer-Flat
7	AUH672647	1	Weldment-Cover, Swing Gear	27	AU426-512	4	Bolt
8	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools	28	AU492-11031	4	Washer-Lock, 5/16 Inch
9	AU125588	1	Cover-Valve	29	AUH386334	2	Strip-Anti-Skid, Backhoe Access Steps
10	AU121896	1	Post-Seat, Backhoe	30	AUH426775	6	Washer-Flat 5/16 Ht
11	AU116536	1	Seat-Black, Low-Back	31	AU426-516	4	Screw-HH
12	AU700701358	6	Elbow	32	AU426-524	2	Bolt-Hex, 5/16 NC X 1-1/2 Inch
13	AU218-5128	6	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube	33	AU230-4215	2	Nut-Prev Trq 5/16 Gra Cad Nondir
14	AU218-5062	2	Connector-Str Thd 5/8, 37FI-ORB 5/8	34	AU232-4115	4	Nut-Hex
15	AU218-5232	2	Elbow-90 Swivel 37FI 5/8 Tube	35	AU179079A1	1	Decal-Backhoe Control Pattern
16	AU100872	4	Screw, Metric Flange W/Body - M8 X 20	36	AU391265A1	3	Decal-Read Operators Manual
17	AU445945A1	1	Button-E-Stop	37	AU419487A1	2	Decal-Warning, Lifting With Backhoe
18	AU429180A1	1	Decal-Engine Shut-Off				
19	AUH426817	4	Washer-Flat				

● Not illustrated

D100 Backhoe Assembly No. 3

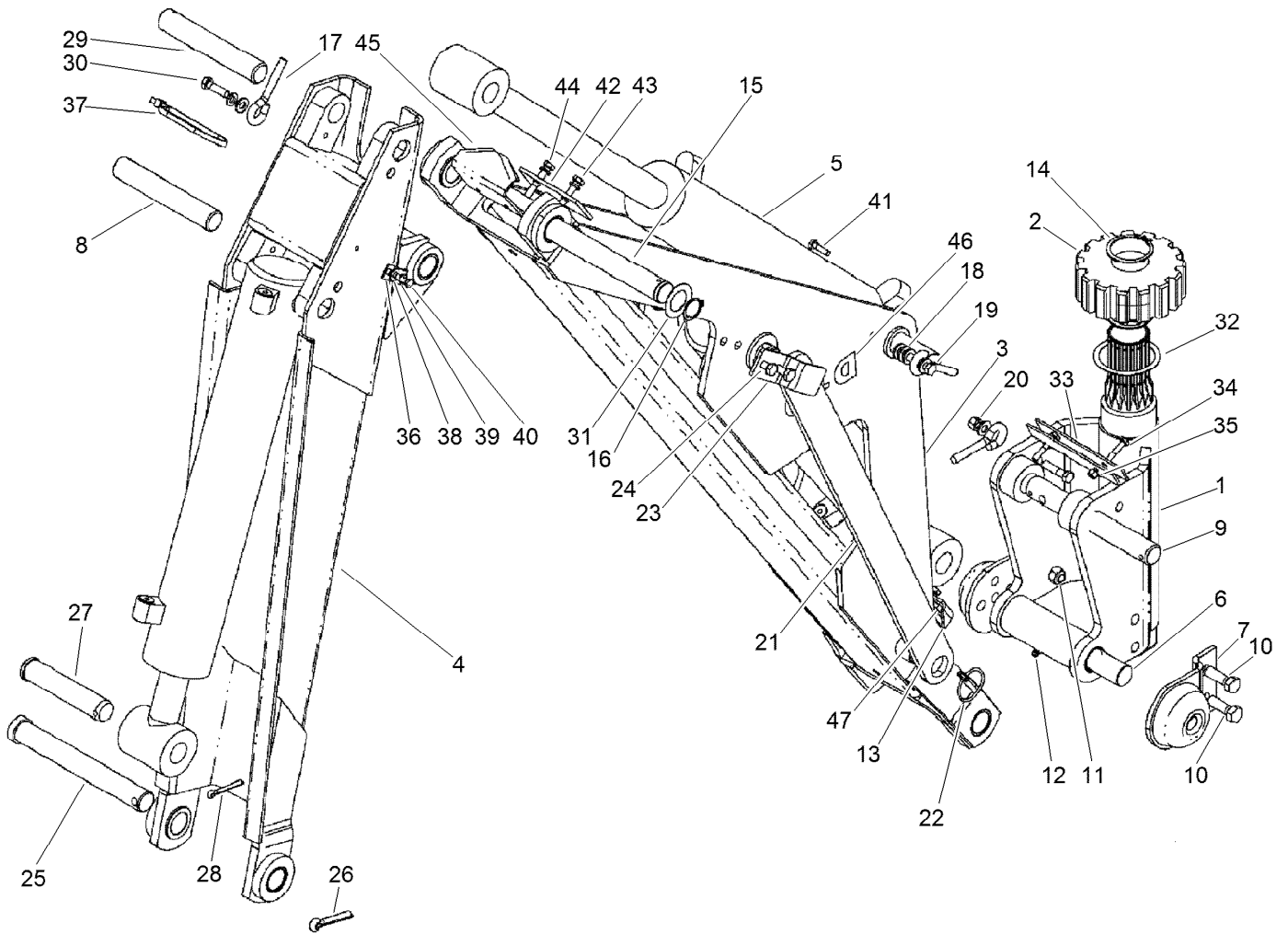


D100 Backhoe Assembly No. 3 (continued)

<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>
	AU125584	1	ASM-Basic Backhoe, D100 ●	16	AU495-21138	12	Washer-Flat (Hardened)
1	AU116156A1	1	Weldment-Frame, Backhoe	17	AU103502A1	4	Bushing
2	AUH672652	1	ASM-Plate, Upper	18	AUD120613	1	Clamp-Tube
3	AUH434386	1	Plate-Mounting	19	AU426-632	1	Bolt-Hex Hd 3/8 X 2 GR5 Znd
4	AU113539	1	Cylinder-Hydraulic	20	AU426-1240	2	Bolt
5	AU116999A1	2	Weldment-Stabilizer	21	AUH426817	2	Washer-Flat
6	AUH434430	2	Pad-Stabilizer Cast	22	AU232-41112	2	Nut-Prev Trq 3/4 Grc Cad Direct
7	AU123115	2	HYD Cylinder ASM	23	AU100572	1	Plate - Serial Number
8	AUH434380	2	Pin-Stabilizer (Cylinder Rod End)	24	AU214-1456	2	Clamp-Hose #56
9	AU103-16125	8	Ring-Retaining	25	AUH046888	2	Clamp-Tube, 7/8
10	AUH434381	2	Pin-Stabilizer Cylinder To Arm	26	AU426-524	2	Bolt-Hex, 5/16 NC X 1-1/2 Inch
11	AUH434379	2	Pin (Stabilizer Pad End)	27	AU230-4215	2	Nut-Prev Trq 5/16 Gra Cad Nondir
12	AU103-16112	4	Ring-Retaining	28	AU419481A1	2	Decal-Danger, Bh Crush Hazard
13	AUH434382	2	Pin-Stabilizer Arm				
14	AUD25279	3	Ring				
15	AU219-8	4	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long				

● Not illustrated

D100 Backhoe Assembly No. 4

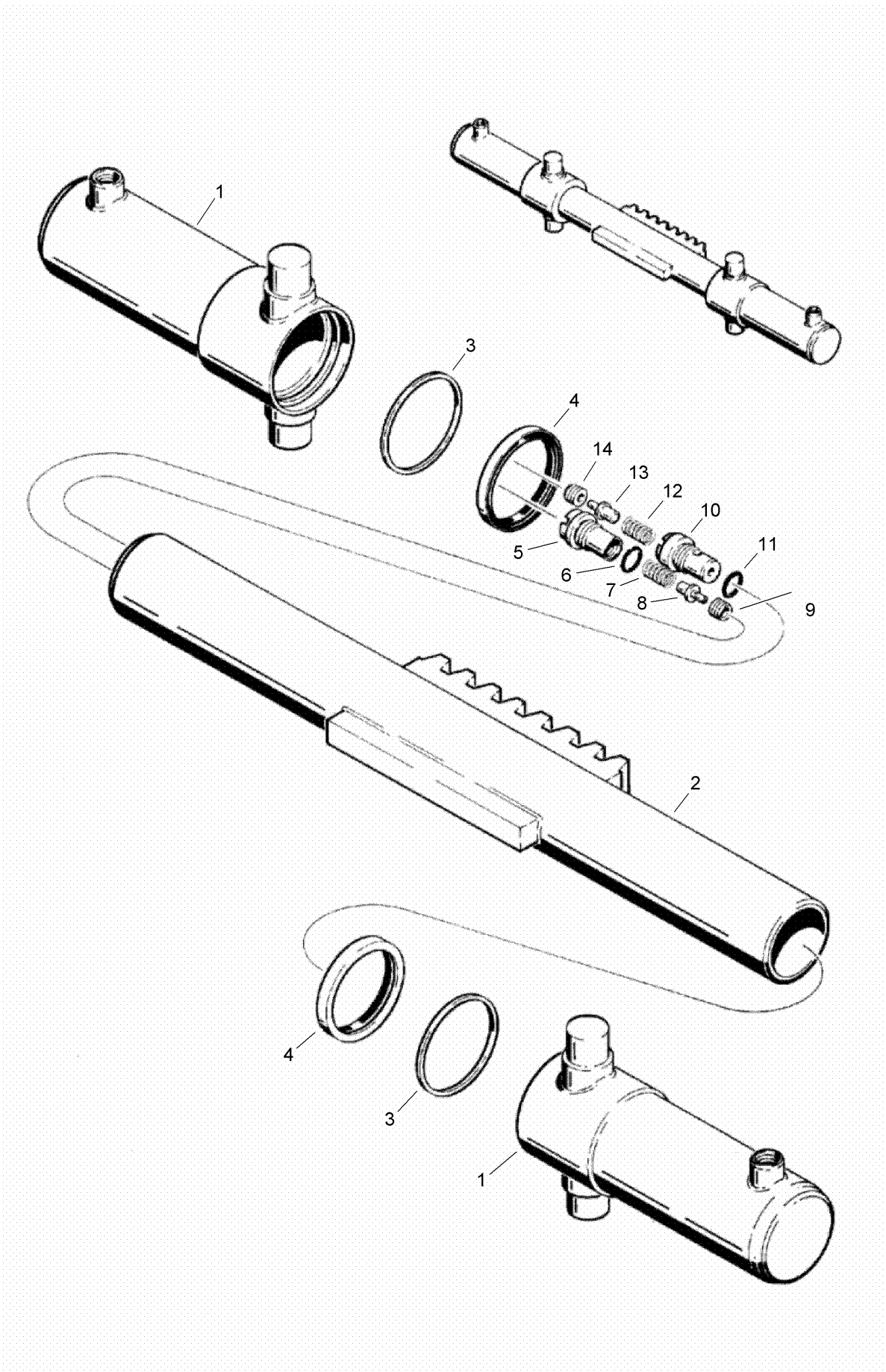


D100 Backhoe Assembly No. 4 (continued)

<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>
	AU125584	1	ASM-Basic Backhoe, D100 ●	26	AU432-2432	1	Pin-Cotter 0.375 X 2.00 In Zn
1	AUH672641	1	Weldment-Backhoe King Post	27	AUH257048	1	Pin
2	AUH434489	1	Gear-Driven	28	AU432-1628	1	Pin-Cotter
3	AU102024	1	Weldment-Backhoe Boom	29	AU426-620	2	Bolt
4	AUH514687	1	Weldment-Dipper Stick	30	AU492-11038	2	Washer-Spring Lock, Reg 3/8 Znd
5	AUG100936	3	Cylinder-Backhoe	31	AU195-81016	2	Washer-Flat 1-9/16 Cad
6	AUH50526	1	Pin-Boom Pivot	32	AUH434429	1	Shim-Kingpost
7	AUH625756	2	Bumper-Rubber, Swing	33	AUH434415	1	Bracket-Hose Mtg
8	AUH50690	4	Pin-Backhoe	34	AU426-424	2	Bolt-Hex Hd 0.250 X 1.50 GR8 Znd
9	AUH56945	1	Pin-King Post Pivot	35	AU230-4214	3	Nut-Prev Trq 1/4 Gra Cad Nondir
10	AU426-824	4	Screw-HH	36	AUH51763	3	Clamp-Tube
11	AU230-4218	4	Nut-Hex	37	AUL18331	1	Strap-Tie
12	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long	38	AU495-11028	4	Washer-Flat
13	AU105441	1	Bracket-Hose Retainer	39	AU492-11025	2	Washer-Spring Lock Reg 0.250 In Znd
14	AU100-11212	2	Ring-Retainer	40	AU426-412	2	Bolt
15	AUH50658	1	Pin-Dipper Pivot	41	AU426-416	1	Bolt-Hex Hd 0.250 X 1.00 GR8 Znd
16	AU103-11112	2	Ring-Retaining Ext Basic #112 Pltd	42	AUH61069	1	Cushion-Anti-Wear
17	AUH313981	4	Pin-Retainer	43	AU492-11031	3	Washer-Lock, 5/16 Inch
18	AU496-21041	7	Washer-Flat	44	AU426-532	3	Bolt-Hex Hd 0.312 X 2.00 GR8 Znd
19	AU426-624	2	Bolt-Hex, 3/8 NC X 1-1/2 Inch	45	AUH051755	1	Clamp-Tube
20	AU232-4116	6	Nut-Hex	46	AU103190	2	Decal-D100 Backhoe-Model Number
21	AUH56952	2	Link-Transport	47	AUH051748	2	Clamp-Tube
22	AUA30338	2	Pin-Klik				
23	AU102103	2	Bracket-Pin Retainer				
24	AU426-616	4	Screw-HH				
25	AUH50682	1	Pin-Bucket Hinge				

● Not illustrated

D100 Backhoe Swing Cylinder Assembly



D100 Backhoe Swing Cylinder Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU113539	1	Cylinder-Hydraulic ●
1	AU113528	2	Tube-Swing Cylinder, D100 Backhoe
2	AU113540	1	Rod-Piston, Swing Cylinder, D100 Backhoe
3		2	Seal-Lip ▲ ■
4		2	Seal-Dust, Tube To Piston Rod ▲ ■
	AUH53033	1	Valve ASM-Relief ●
5		1	Body-Relief Valve ■
6	AU238-5116	1	O-Ring-3/4 ID X 3/32 Inch Wide ▲
7	AUF37883	1	Spring-Relief Valve

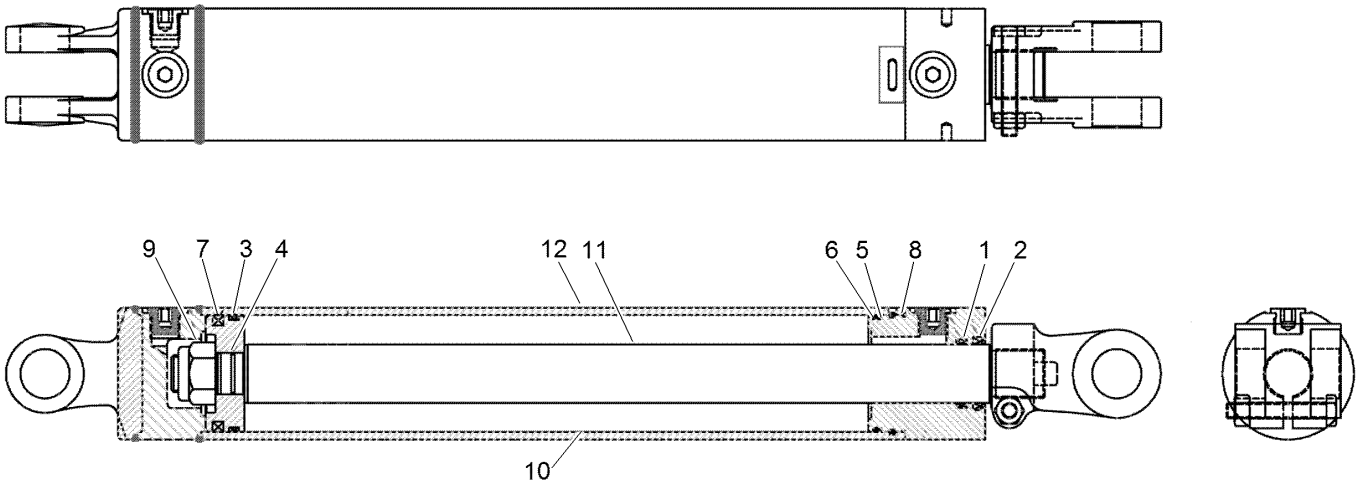
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	AUH138362	1	Poppet-Relief Valve
9		1	Seat-Relief Valve ■
	AUH53025	1	Valve ASM-Relief ●
10		1	Body-Relief Valve ■
11	AU238-5116	1	O-Ring-3/4 ID X 3/32 Inch Wide ▲
12	AUF37883	1	Spring-Relief Valve
13	AUH138362	1	Poppet-Relief Valve
14		1	Seat-Relief Valve ■
	AUH53041	1	Kit, Seal (Includes Noted Seals And O-Ring Above) ●

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Backhoe Stabilizer Cylinder Assembly



Backhoe Stabilizer Cylinder Assembly (continued)

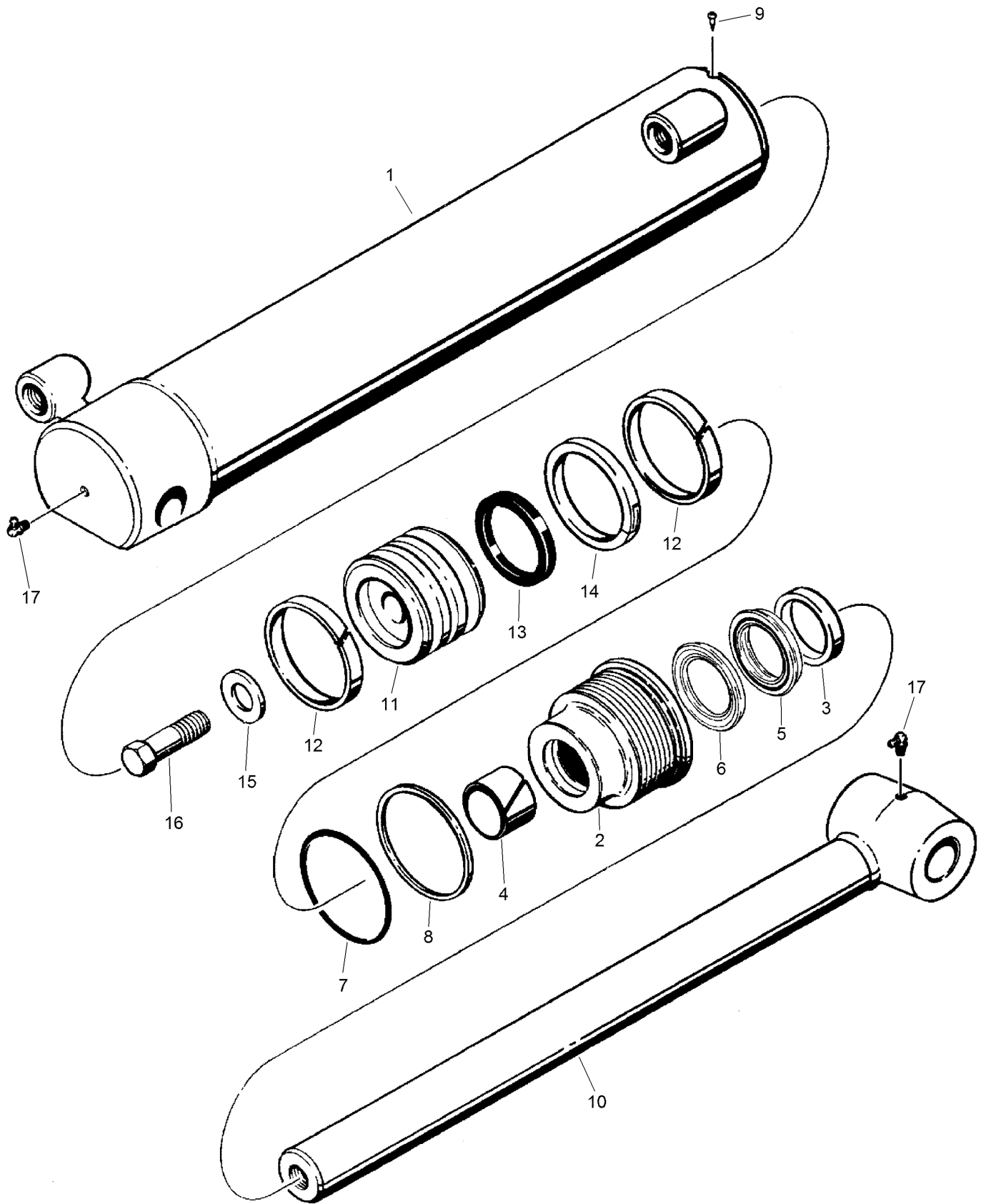
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU123115	2	HYD Cylinder ASM ●	9	AU122531	1	Nut-Cylinder Piston
1	AU123149	1	Seal-Rod	10	AU122529	1	Piston-Cylinder
2	AU123148	1	Seal-Wiper	11	AU122526	1	Rod-Piston
3	AU123147	1	Seal-Piston ▲	12	AU122525	1	Tube-Cylinder
4	AU123146	1	O-Ring ▲	13		1	Gland-Cylinder End ■●
5	AU123145	1	Ring-Backup	14	AU122530	1	Seal Kit-Piston (Consists Of Items 3, 4 And 7) ▲●
6	AU123144	1	O-Ring	15		1	Seal Kit-Gland ■●
7	AU123143	1	Ring-Wear, Piston ▲				
8	AU123142	1	O-Ring				

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Boom, Dipper, and Bucket Cylinder Assemblies



Boom, Dipper, and Bucket Cylinder Assemblies (continued)

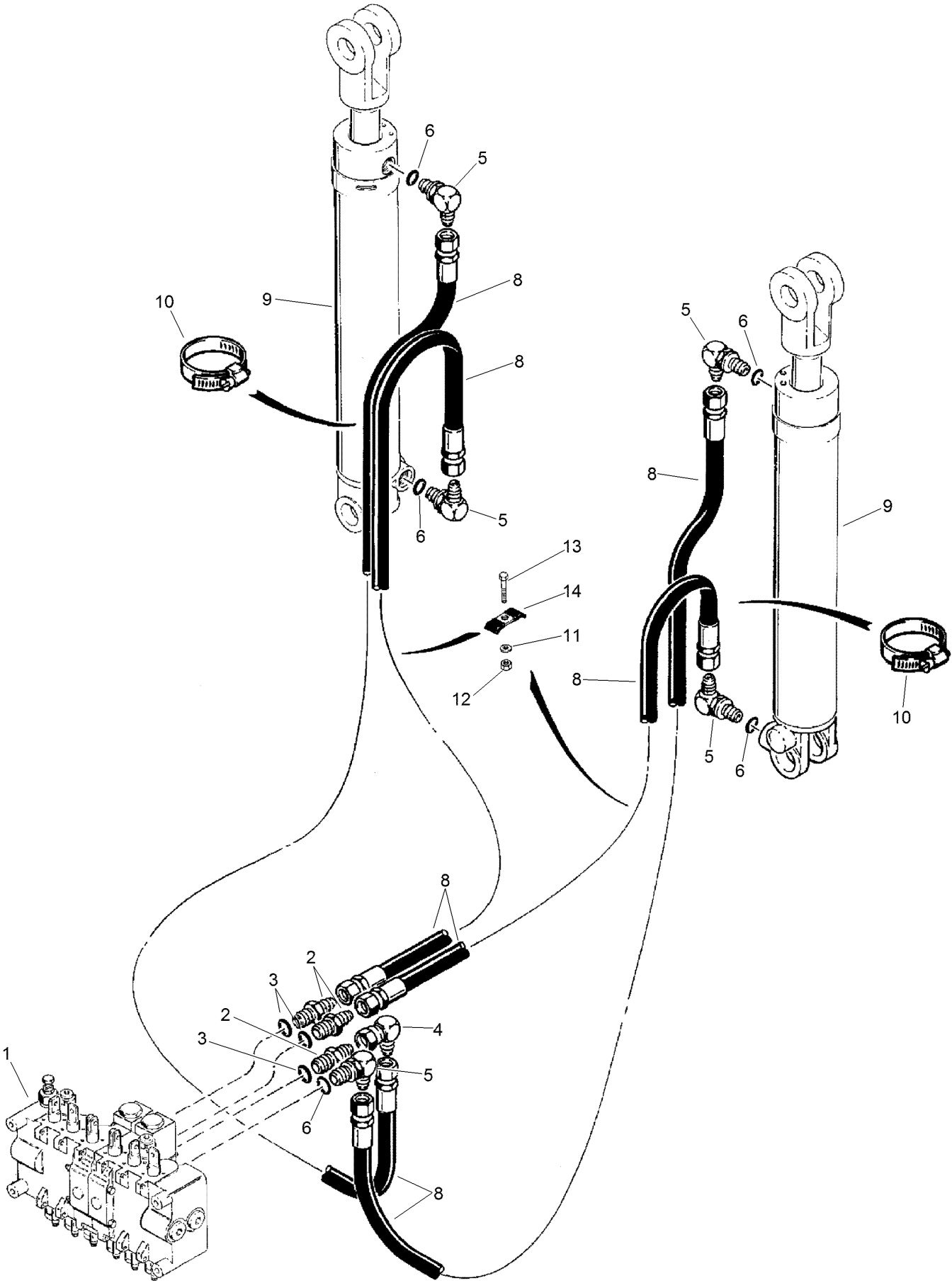
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AUG100936	3	Cylinder-Backhoe ●	8	AUG32122	1	Ring-Backup, Gland O-Ring ▲
	AUG100937	1	Tube-Cylinder	9	AU276-2446	1	Screw
		1	Gland ASM-Cylinder, Has Identification Groove On Outer Lip ● ■	10	AUG101357	1	Rod-Piston, 38 Mm (1-1/2 Inch) Diameter
2	AU1542962C1	1	Gland-Cylinder	11	AUG100442	1	Piston-Cylinder
3	AUD95142	1	Wiper-Rod ▲	12	AUG100449	2	Ring-Wear ▲
4	AUG102424	1	Bearing-Rod ▲	13	AUG100444	1	Ring-Loader ▲
	AU1542874C1	1	Kit-Seal, Nss, Order 1543256C1 Kit, See Below ● ▲	14	AUG102288	1	Seal-Piston ▲
5	AU1542997C1	1	Seal-Rod, Nss, Order 1543256C1 Kit, See Below ▲	15	AUS94643	1	Washer-Flat, Special, Hardened
6	AU1542996C1	1	Seal-Buffer, Nss, Order 1543256C1 Kit, See Below ▲	16	AU25863R1	1	Bolt-Hex, 3/4 Nf X 2-1/2 Inch, Grade 8
7	AU238-5234	1	O-Ring-3 ID X 1/8 Inch Wide, Gland ▲	17	AU219-55	2	Fitting-Grease, 90 Degree, 1/8 Pt X 27/32 Inch
					AU1543252C1	1	Kit-Seal, Includes All Items With An Asterisk, A Buffer Seal Not Used ● ▲

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

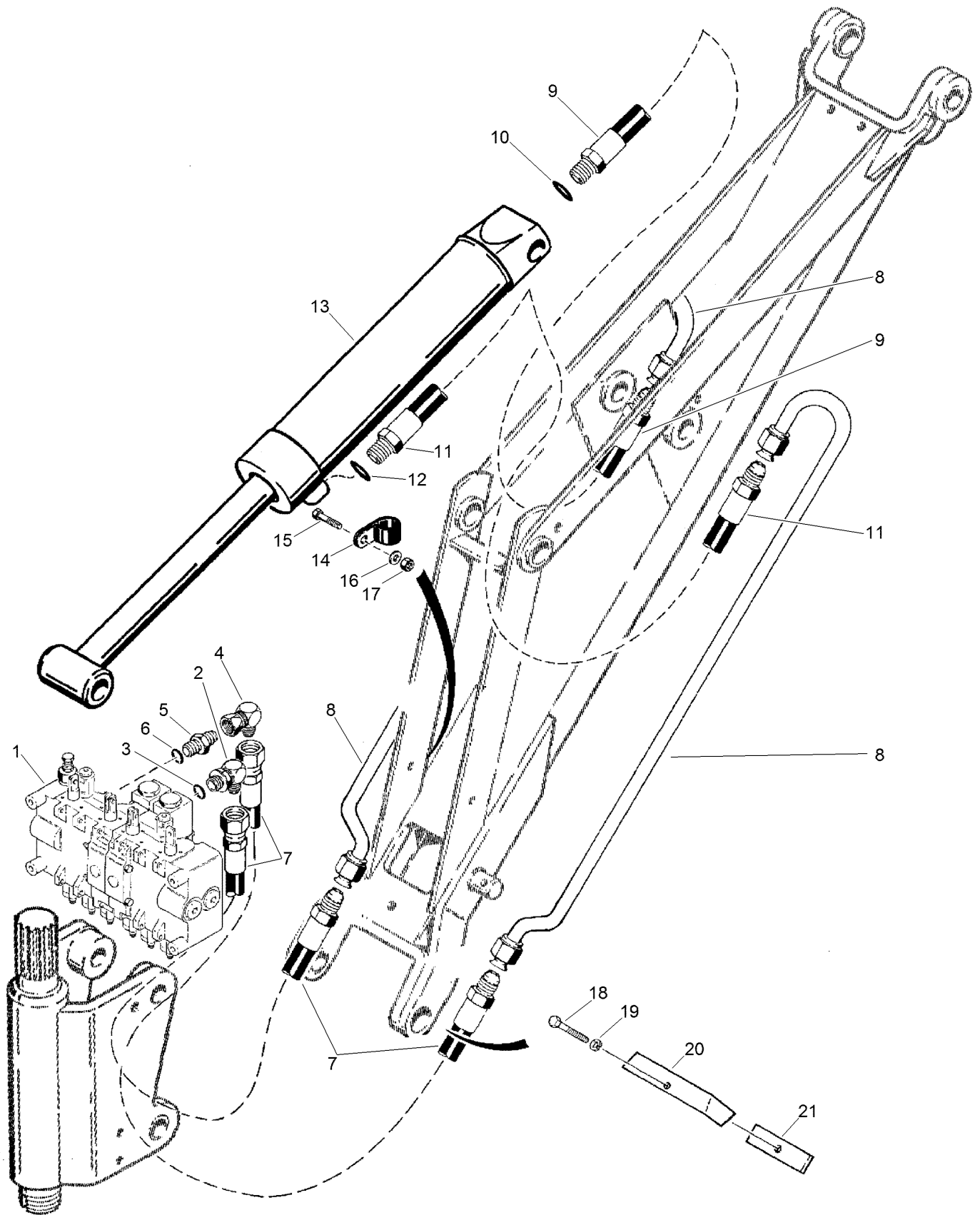
Backhoe Stabilizer Cylinder Hydraulic Circuit



Backhoe Stabilizer Cylinder Hydraulic Circuit (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	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools	9	AU123115	2	HYD Cylinder ASM
2	AU218-5058	3	Connector	10	AU214-1456	2	Clamp-Hose #56
3	AU237-6008	1	O-Ring	11	AUH426775	2	Washer-Flat 5/16 Ht
4	AU218-980	1	Fitting-Swivel, 90 DEG	12	AU230-4215	2	Nut-Prev Trq 5/16 Gra Cad Nondir
5	AU218-5128	5	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube	13	AU426-524	2	Bolt-Hex, 5/16 NC X 1-1/2 Inch
6	AU237-6008	1	O-Ring	14	AUH46888	2	Clamp
8	AUH437862	4	Hose-1800 Mm (70-7/8 Inch) Long, To Stabilizer Cylinders				

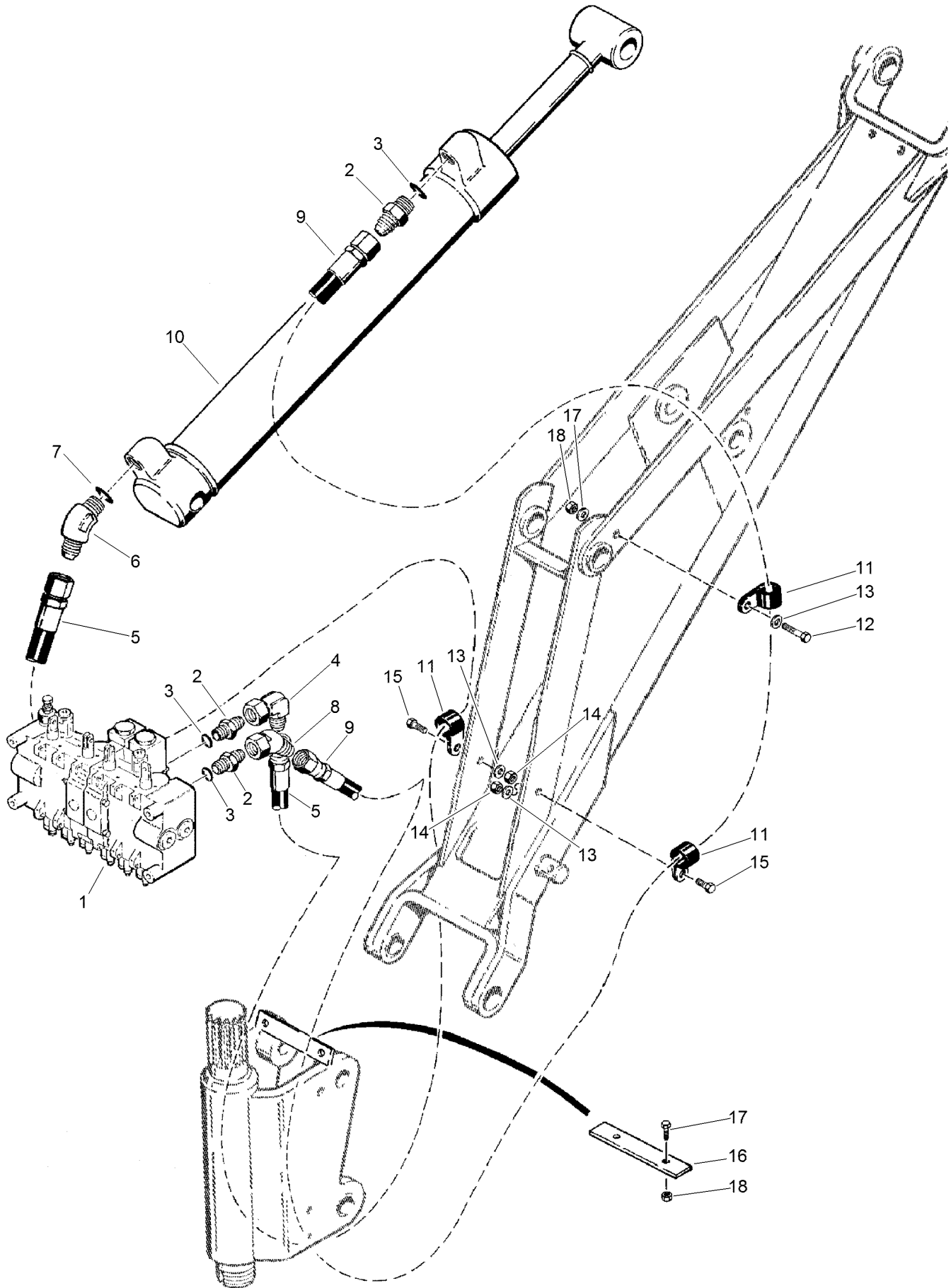
Backhoe Boom Cylinder Hydraulic Circuit



Backhoe Boom Cylinder Hydraulic Circuit (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	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools	10	AU237-6008	1	O-Ring
2	AU218-5106	1	Fitting-Elb 90	11	AUH268540	1	Hose-889 Mm (35 Inch) Long, To Rod End Of Boom Cylinder
3	AU237-6008	1	O-Ring	12	AU237-6008	1	O-Ring
4	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube	13	AUG100936	1	Cylinder-Backhoe
5	AU218-5059	1	Connector-Str Thd 1/2, 37FI-ORB 1/2	14	AUH51763	2	Clamp-Tube
6	AU237-6008	1	O-Ring	15	AU426-412	2	Bolt
7	AUH434463	2	Hose-1225 Mm (48-1/4 Inch) Long, Control Valve To Tube	16	AU495-11028	2	Washer-Flat
8	AUH593392	2	Tube-Intermediate, To Boom Cylinder	17	AU230-4214	2	Nut-Prev Trq 1/4 Gra Cad Nondir
9	AUH244921	1	Hose-381 Mm (15 Inch) Long, To Closed End Of Boom Cylinder	18	AU426-532	1	Bolt-Hex Hd 0.312 X 2.00 GR8 Znd
				19	AU492-11031	1	Washer-Lock, 5/16 Inch
				20	AU105441	1	Bracket-Hose Retainer
				21	AUH51748	2	Spacer-Tube

Backhoe Dipper Cylinder HyDraulic Circuit D100 Backhoe

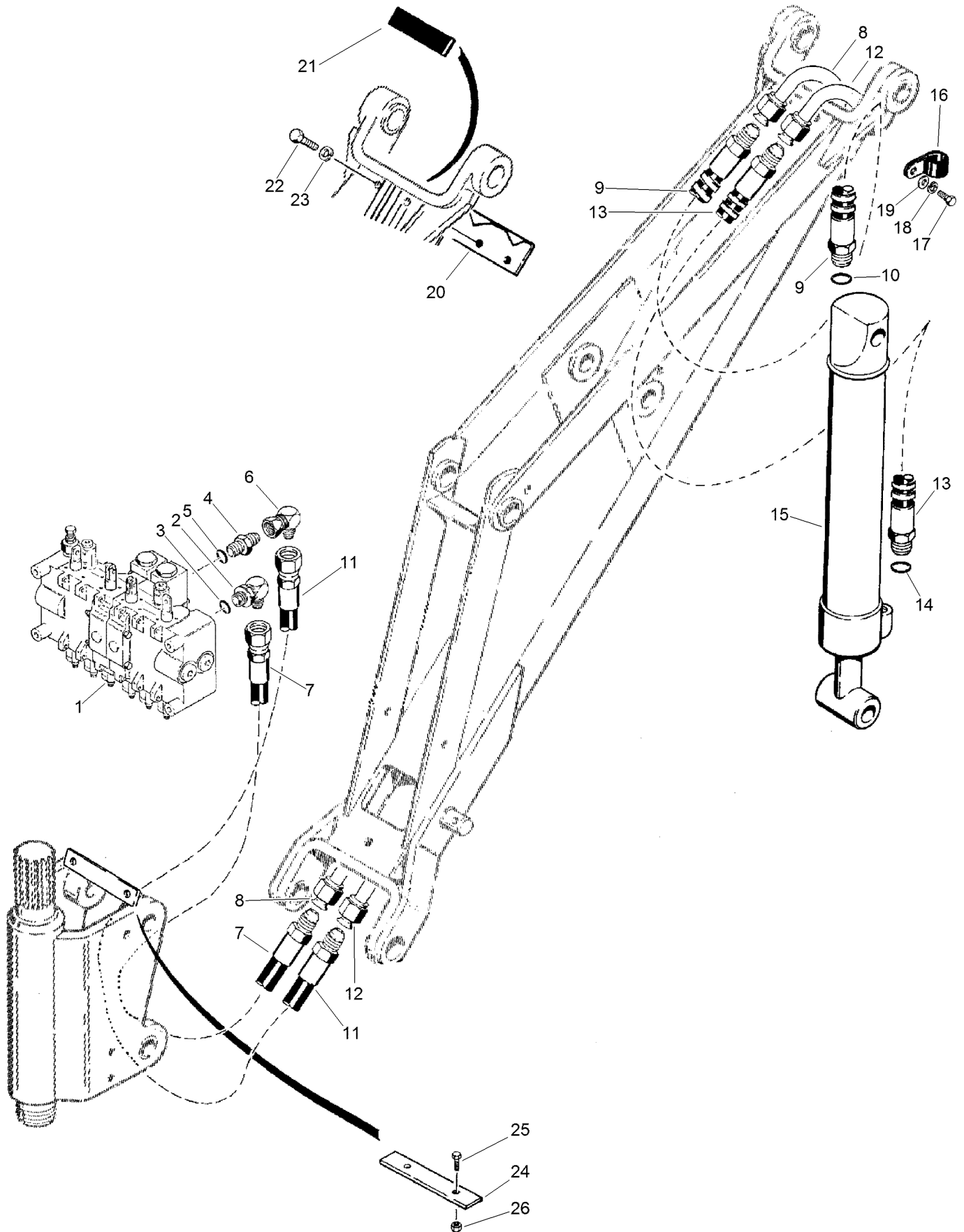


Backhoe Dipper Cylinder HyDraulic Circuit

D100 Backhoe (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	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools	9	AUH434464	1	Hose-2200 Mm (86-5/8 Inch) Long, To Rod End Of Dipper Cylinder
2	AU218-5059	3	Connector-Str Thd 1/2, 37FI-ORB 1/2	10	AUG100936	1	Cylinder-Backhoe
3	AU237-6008	1	O-Ring	11	AUH51763	3	Clamp-Tube
4	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube	12	AU426-416	1	Bolt-Hex Hd 0.250 X 1.00 GR8 Znd
5	AUH434465	1	Hose-1600 Mm (63 Inch) Long, To Closed End Of Dipper Cylinder	13	AU495-11028	4	Washer-Flat
6	AU218-5136	1	Elbow-45 Degree, 3/4-16 Inch Flare X Adj O-Ring Boss	14	AU230-4214	3	Nut-Prev Trq 1/4 Gra Cad Nondir
7	AU237-6008	1	O-Ring	15	AU426-412	2	Bolt
8	AU218-5173	1	Elbow-45 Degree, 3/4-16 Inch Flare X Swivel	16	AUH434415	1	Bracket-Hose Mtg
				17	AU426-424	2	Bolt-Hex Hd 0.250 X 1.50 GR8 Znd
				18	AU230-4214	2	Nut-Prev Trq 1/4 Gra Cad Nondir

Backhoe Bucket Cylinder Hydraulic Circuit D100 Backhoe

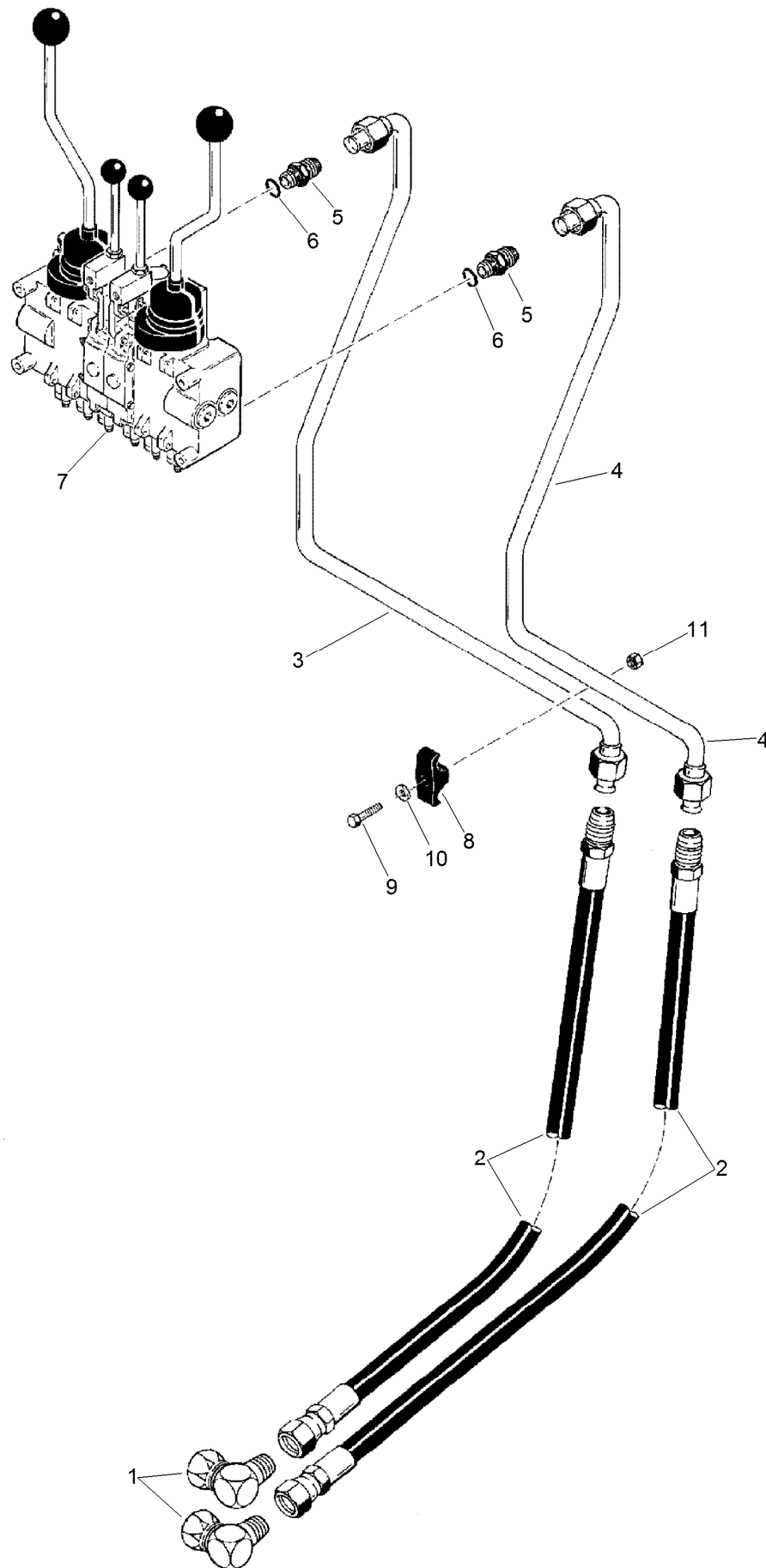


Backhoe Bucket Cylinder Hyraulic Circuit

D100 Backhoe (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	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools	12	AUH593384	1	Tube-Intermediate, To Rod End Of Bucket Cylinder
2	AU218-5106	1	Fitting-Elb 90	13	AUH357863	1	Hose-1549 Mm (61 Inch) Long, At Rod End Of Bucket Cylinder
3	AU237-6008	1	O-Ring	14	AU237-6008	1	O-Ring
4	AU218-5059	1	Connector-Str Thd 1/2, 37FI-ORB 1/2	15	AUG100936	1	Cylinder-Backhoe
5	AU237-6008	1	O-Ring	16	AUH51763	2	Clamp-Tube
6	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube	17	AU426-412	2	Bolt
7	AUH434463	1	Hose-1225 Mm (48-1/4 Inch) Long, Control Valve To Tube	18	AU492-11025	2	Washer-Spring Lock Reg 0.250 In Znd
8	AUH593376	1	Tube-Intermediate, To Closed End Of Bucket Cylinder	19	AU495-11028	2	Washer-Flat
9	AUH268565	1	Hose-1067 Mm (42 Inch) Long, At Closed End Of Bucket Cylinder	20	AUH51755	1	Clamp-Tube, At Boom
10	AU237-6008	1	O-Ring	21	AUH61069	1	Cushion-Anti-Wear
11	AUH434463	1	Hose-1225 Mm (48-1/4 Inch) Long, Control Valve To Tube	22	AU426-532	1	Bolt-Hex Hd 0.312 X 2.00 GR8 Znd
				23	AU492-11031	1	Washer-Lock, 5/16 Inch
				24	AUH434415	1	Bracket-Hose Mtg
				25	AU426-424	2	Bolt-Hex Hd 0.250 X 1.50 GR8 Znd
				26	AU230-4214	2	Nut-Prev Trq 1/4 Gra Cad Nondir

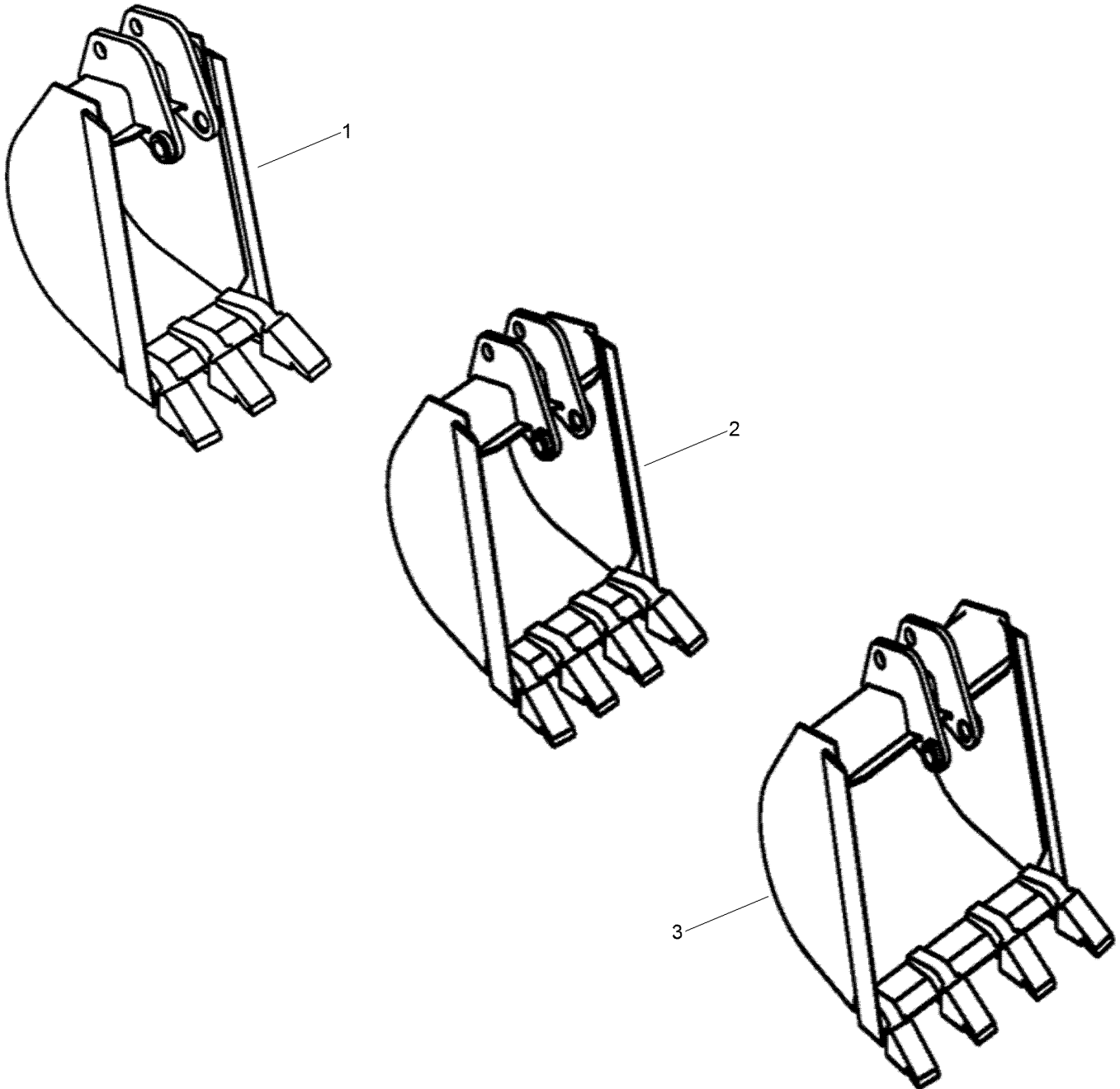
Backhoe Control Valve Supply and Return Lines



Backhoe Control Valve Supply and Return Lines (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	AU218-5231	2	Fitting-Elbow, 90	6	AU237-6010	1	O-Ring
2	AUH439339	2	Hose-1028 Mm (40-1/2 Inch) Long, Backhoe Control Valve Supply And Return	7	AU125583	1	Valve-Backhoe, W/Special Low Leak Spools
3	AUH674807	1	Tube-Backhoe Control Valve Supply	8	AUD120613	1	Clamp-Tube
4	AUH675124	1	Tube-Backhoe Control Valve Return	9	AU426-632	1	Bolt-Hex Hd 3/8 X 2 GR5 Znd
5	AU218-5065	2	Connector-Str Thd 3/4, 37FI-ORB 5/8	10	AU496-21041	1	Washer-Flat
				11	AU232-4116	1	Nut-Hex

Backhoe Buckets Standard Buckets D100 Backhoe



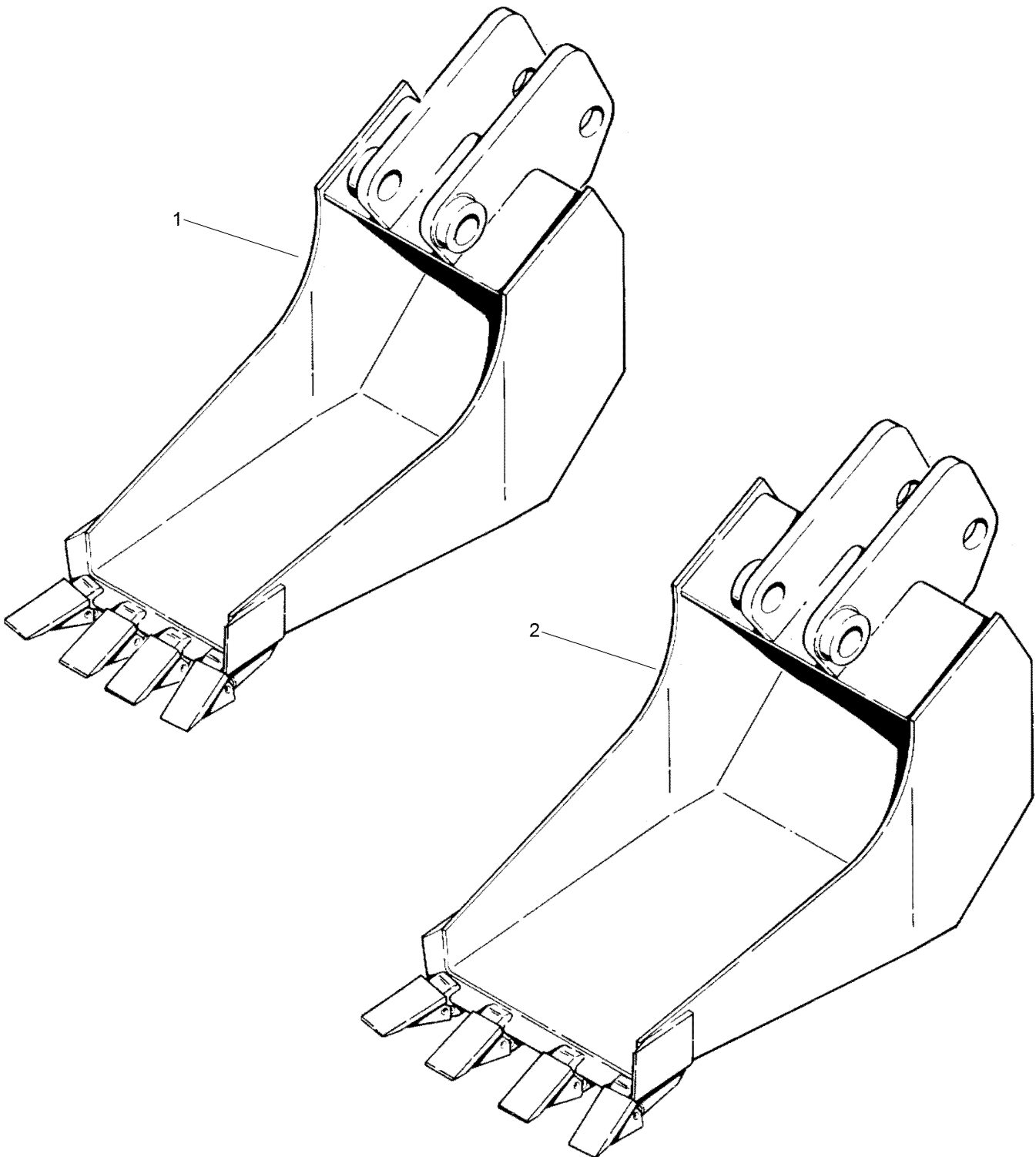
Backhoe Buckets

Standard Buckets D100 Backhoe (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU134114A1	1	Bucket-Standard, 344 Mm (13-1/2 Inch)
2	AU134115A1	1	Bucket-Standard, 458 Mm (18 Inch)
3	AU134116A1	1	Bucket-Standard, 610 Mm (24 Inch)

Backhoe Buckets

Bellhole Buckets D100 Backhoe

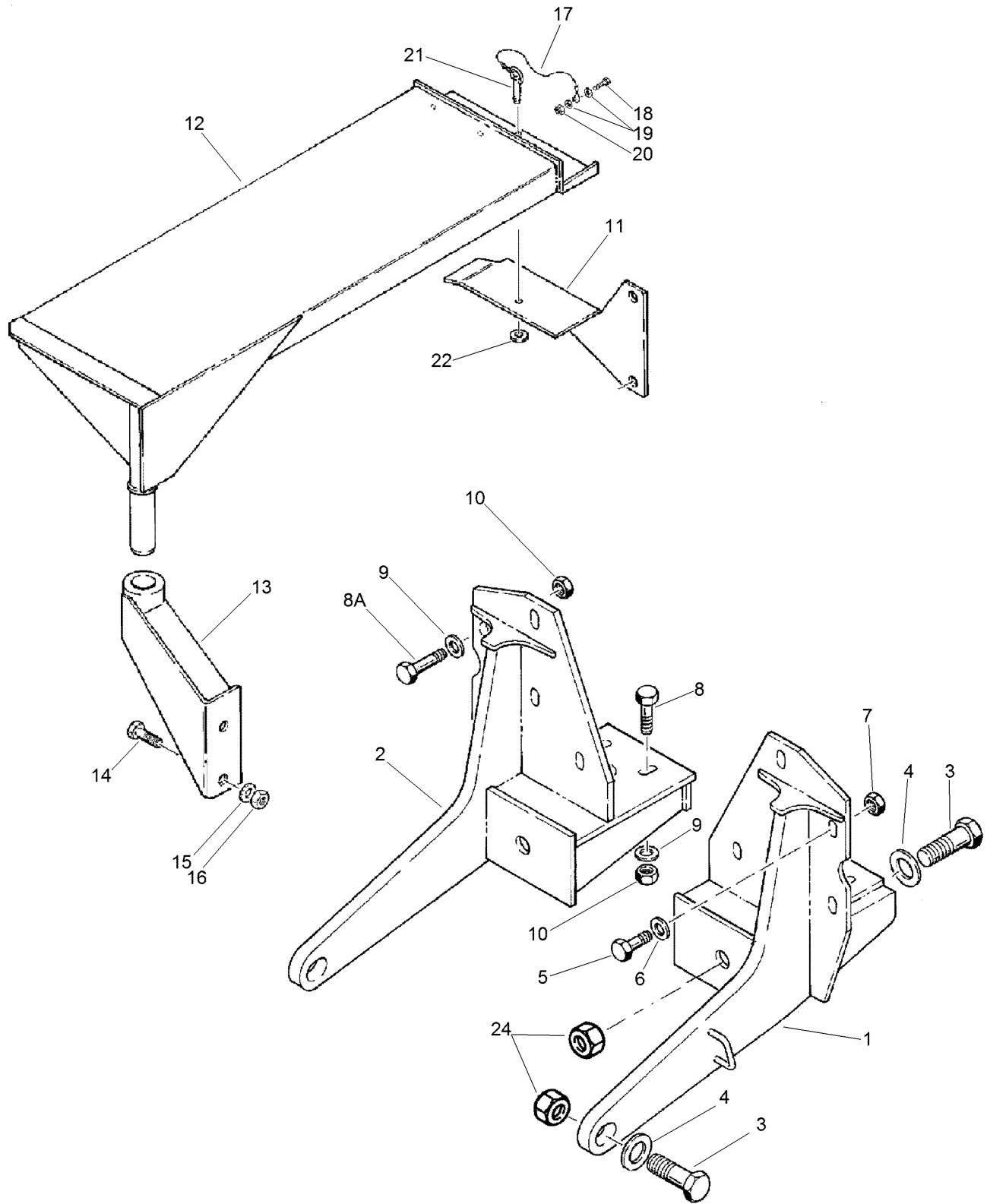


Backhoe Buckets

Bellhole Buckets D100 Backhoe (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AUH905109	1	Bucket-Bellhole, 305 Mm (12 Inch)
2	AUH905117	1	Bucket-Bellhole, 457 Mm (18 Inch)

Backhoe to Chassis Mounting Brackets and Walkway HD125 Backhoe



Backhoe to Chassis Mounting Brackets and Walkway

HD125 Backhoe (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>
	AUH939390	1	Kit-Backhoe Attach ●	12	AU116560A1	1	Walkway-Backhoe
1	AU110522A1	1	Bracket-Backhoe Mounting RH	13	AU102362A1	1	Pivot-Walkway Mounting
2	AU116278A1	1	Bracket-Backhoe Mounting LH	14	AU426-1228	2	Bolt-Hex Hd 3/4 X 1-3/4 GR8 Znd
3	AU426-2056	4	Bolt	15	AUH426817	2	Washer-Flat
4	AUH426858	4	Washer	16	AU232-41112	2	Nut-Prev Trq 3/4 Grc Cad Direct
5	AU426-1232	8	Bolt	17	AUL78786	1	Retainer-Rope, Wire
6	AUH426817	8	Washer-Flat	18	AU426-616	1	Screw-HH
7	AU232-41112	10	Nut-Prev Trq 3/4 Grc Cad Direct	19	AU496-21041	2	Washer-Flat
8	AU426-1240	4	Bolt	20	AU232-4116	1	Nut-Hex
8A	AU426-1236	2	Screw-HH	21	AUD94535	1	Pin-Cotterless
9	AUH426817	6	Washer-Flat	22	AU495-11041	1	Washer-0.406 X 0.812 X 0.065 In Cst Znd
10	AU232-41112	6	Nut-Prev Trq 3/4 Grc Cad Direct	23	AU104292	1	Shim-Backhoe To Frame ●
11	AU116558A1	1	Bracket-Walkway Support	24	AU230-41120	4	Nut-Hex, Self-Locking, 1-1/4 Inch NC

● Not illustrated

Backhoe - HD125

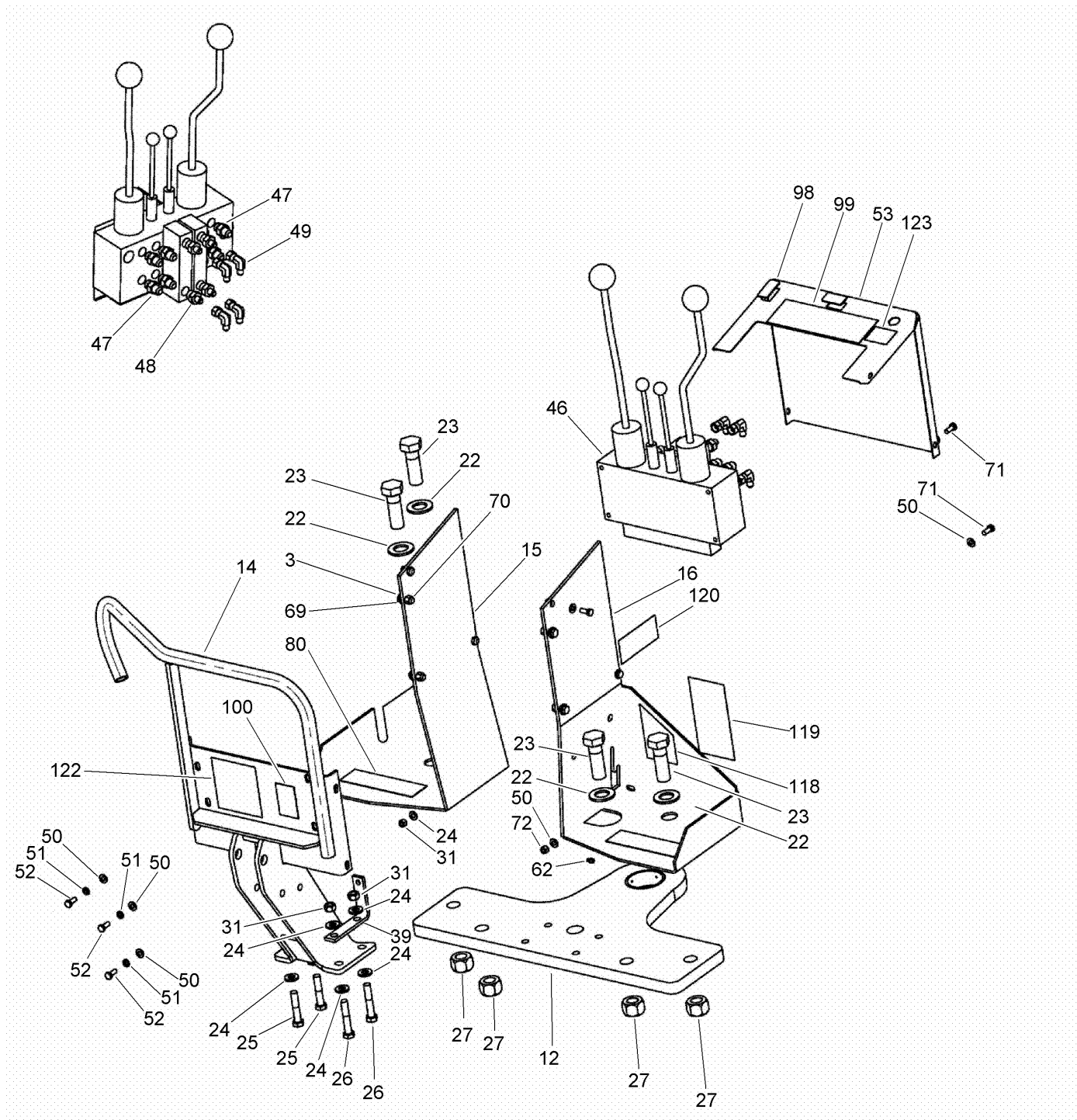
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Backhoe - HD125 (continued)

<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>
	AU102657	1	ASM-HD125 Backhoe ●●	3	AU102655	1	Kit-Front Attach, HD125
1	AU102128	1	ASM-Basic Backhoe ●				Backhoe ●
2	AU102457	1	Kit-HD125	4	AUH939262	1	Kit-Stabilizers, HD125
			Attach-Seat/Bucket ●				Backhoe ●

● Not illustrated

Backhoe - HD125

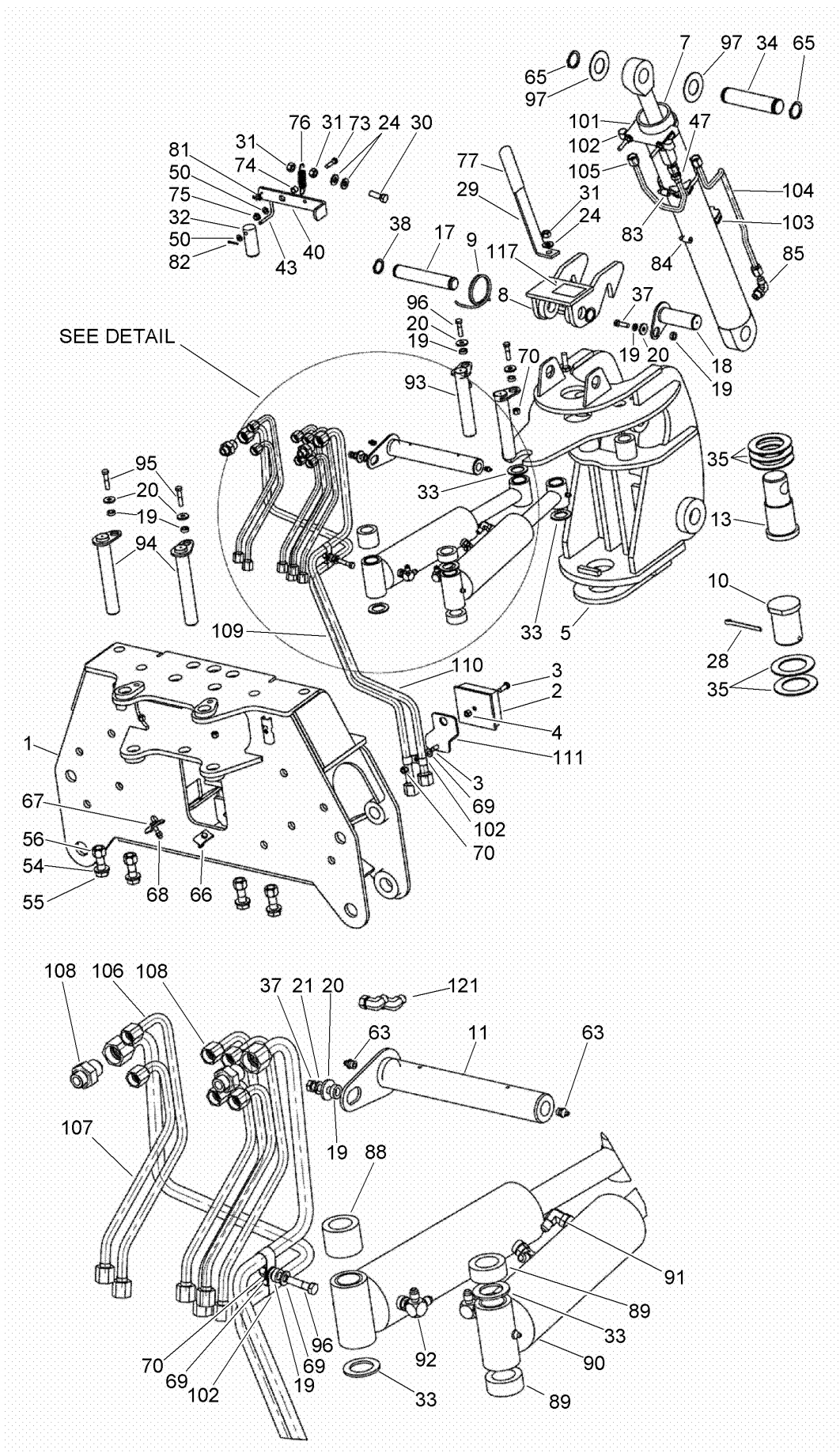


Backhoe - HD125 (continued)

<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>
	AU102128	1	ASM-Basic Backhoe ●	72	AU232-4115	6	Nut-Hex
3	AU426-616	4	Screw-HH	78	AU102094	1	Hose-Hydraulic, Swing Cylinder ●
12	AU101287	1	Plate ASM-Top Pivot	79	AU102093	1	Hose-Hydraulic, Swing Cylinder ●
14	AU102257	1	Console-Valve Mounting	80	AUH386334	2	Strip-Anti-Skid, Backhoe Access Steps
15	AUH674622	1	Guard-Foot, Left-Hand	98	AU382892A1	1	Blank-Switch, Rocker
16	AUH674623	1	Guard-Foot, Right-Hand	99	AU179079A1	1	Decal-Backhoe Control Pattern
22	AUH426833	4	Washer	100	AU391265A1	1	Decal-Read Operators Manual
23	AU426-1648	4	Bolt	112	AU117408	1	Hose-Hydraulic, Dipper Cylinder, Back ●
24	AU496-21053	8	Washer-Flat	113	AU117410	1	Hose-Hydraulic, Dipper Cylinder, Front ●
25	AU426-840	2	Screw-HH	114	AU117409	1	Hose-Hydraulic, Bucket Cylinder ●
26	AU426-844	2	Bolt-Hex, 1/2 NC X 2-3/4 Inch	115	AU117411	1	Hose-Hydraulic, Bucket Cylinder ●
27	AU230-42116	4	Nut-Hex Lock	116	AU117406	2	Hose-Back Boom Cylinder ●
31	AU230-4218	4	Nut-Hex	118	AUH439359	1	Decal-Swing Lock
39	AUH438354	1	Angle-Handle Spt	119	AU419481A1	2	Decal-Danger, Bh Crush Hazard
46	AU87400034	1	HYD Control Valve ASM	120	AU419484A1	2	Decal-Danger, Bh Crush Hazard
47	AU218-5059	7	Connector-Str Thd 1/2, 37FI-ORB 1/2	122	AU419487A1	1	Decal-Warning, Lifting With Backhoe
48	AU218-5058	5	Connector	123	AU429180A1	1	Decal-Engine Shut-Off
49	AU218-980	4	Fitting-Swivel, 90 DEG	125	AUH439225	2	Hose ●
50	AU496-11034	8	Washer-Flat				
51	AU492-11031	3	Washer-Lock, 5/16 Inch				
52	AU414-512	3	Bolt-Hex, 5/16 Nf X 3/4 Inch				
53	AU257301A1	1	Cover-Backhoe Valve, With Opening At Bottom				
62	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long				
69	AU496-21041	4	Washer-Flat				
70	AU232-4116	6	Nut-Hex				
71	AU426-512	6	Bolt				

● Not illustrated

Backhoe - HD125 Assembly No. 1

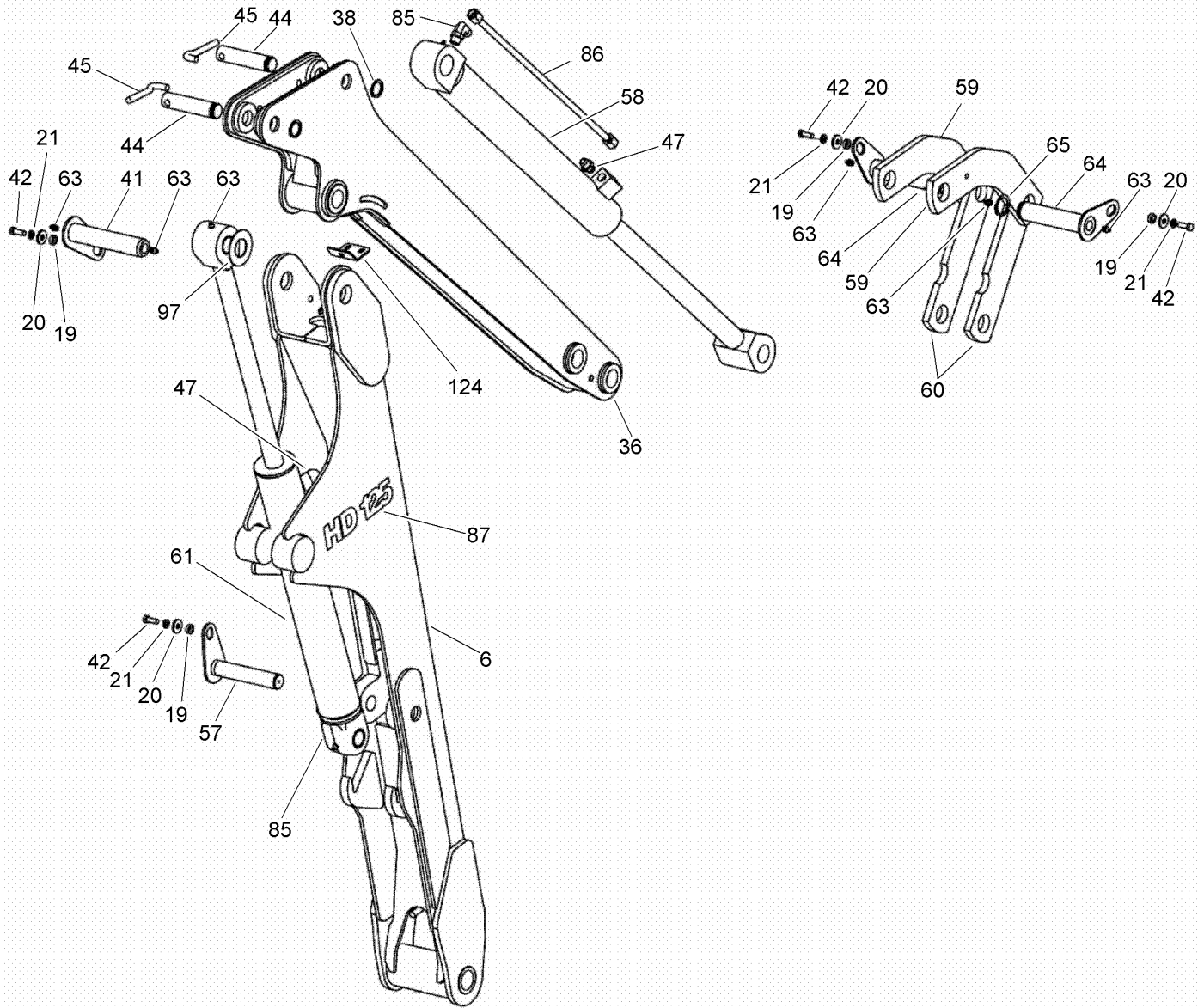


Backhoe - HD125 Assembly No. 1 (continued)

<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>
	AU102128	1	ASM-Basic Backhoe ●	73	AU426-520	1	Bolt-Hex, 5/16 NC X 1-1/4 Inch
1	AU101281	1	Frame-Backhoe Attachment	74	AUH93971	1	Bushing
2	AUD90990	2	Bumper	75	AU231-5145	1	Nut-Hex Serrated Flange, 5/16 Inch NC
3	AU426-616	2	Screw-HH		AU102128	1	ASM-Basic Backhoe ●
4	AU230-4216	2	Nut	76	AUD124939	1	Spring
5	AU112321	1	Weldment-Frame, Pivot	77	AUH33332	1	Grip-Handle
7	AU305352A1	1	HYD Cylinder ASM	81	AU495-11028	2	Washer-Flat
8	AUH674110	1	Latch-Boom Lock	82	AU432-812	2	Pin-Cotter, 1/8 X 3/4 Inch
9	AU353055A1	1	Spring-Torsion	83	AU214-1472	1	Clamp-Hose Type F #72
10	AU101367	1	Pin-Pivot, Lower	84	AU214-1460	1	Clamp-Hose Type F #60
11	AU111363	1	Pin-Boom Pivot	85	AUH439269	85	Elbow-90 DEG
13	AU101377	1	Pin-Pivot, Upper	88	AU102603	1	Boss-Pin (40Mm)
17	AUH436746	1	Pin-Pivot	89	AU102604	2	Boss-Pin (20.5Mm)
18	AU111293	1	Pin-Boom Cylinder	90	AU103336	2	HYD Cylinder ASM
19	AU349192A1	5	Spacer	91	AU218-5105	2	Elbow-90 DEG (Adjustable 37 DEG)
20	AU496-41041	5	Washer	92	AUL104616	2	Fitting
21	AU492-11038	1	Washer-Spring Lock, Reg 3/8 Znd	93	AU111425	2	Pin-Pivot W/Flag
24	AU496-21053	3	Washer-Flat	94	AU111339	2	Pin-Pivot W/ Flag
28	AU432-2456	1	Pin-Cotter	95	AU426-628	2	Bolt-Hex Hd .375 X 1.75 GR5 Znd
29	AUH436021	1	Handle-Control	96	AU426-624	2	Bolt-Hex, 3/8 NC X 1-1/2 Inch
30	AU426-824	2	Screw-HH	97	AUH426437	3	Washer
31	AU230-4218	3	Nut-Hex	101	AU304650A1	1	Clamp
32	AU101473	1	Pin-Control Lever	102	AU515-23190	6	Clamp-Insul 19.0 Mm 3/8 In Bolt Znd
33	AU495-81203	4	Washer	103	AUD38648	2	Saddle-Support, Tube
34	AUH437348	12	Pin	104	AU116462	1	Cylinder-Hydraulic Tube (Base End)
35	AU101543	5	Washer-Thrust Pivot	105	AU116464	1	Cylinder-Hydraulic Tube (Rod End)
37	AU426-620	1	Bolt	106	AU116466	3	Valve-Top Port, Hydraulic Tube
38	AU103-16125	2	Ring-Retaining	107	AU116461	3	Valve-Bottom Port, Hydraulic Tube
40	AUH438352	1	Lever-Control	108	AU218-5065	2	Connector-Str Thd 3/4, 37FI-ORB 5/8
43	AUH438351	1	Link-C	109	AU116465	1	Tube-Hydraulic, Backhoe Supply
47	AU218-5059	11	Connector-Str Thd 1/2, 37FI-ORB 1/2	110	AU116463	1	Tube-Hydraulic, Backhoe Return
50	AU496-11034	1	Washer-Flat	111	AU116460	1	Plate-Tube Bracket
54	AUH426817	4	Washer-Flat	117	AU433783A1	1	Decal-Bh Transport Lock
55	AU426-1240	4	Bolt	121	AU218-5231	2	Fitting-Elbow, 90
56	AU230-42112	4	Nut-Hex Lock				
63	AU219-1	2	Fitting-Lube 1/8-27 Dryseal Ptf				
65	AUD25279	4	Ring				
66	AUH434900	2	Clamp-Tube				
67	AU426-524	2	Bolt-Hex, 5/16 NC X 1-1/2 Inch				
68	AU230-4215	2	Nut-Prev Trq 5/16 Gra Cad Nondir				
69	AU496-21041	8	Washer-Flat				
70	AU232-4116	2	Nut-Hex				

● Not illustrated

Backhoe - HD125 Assembly No. 2

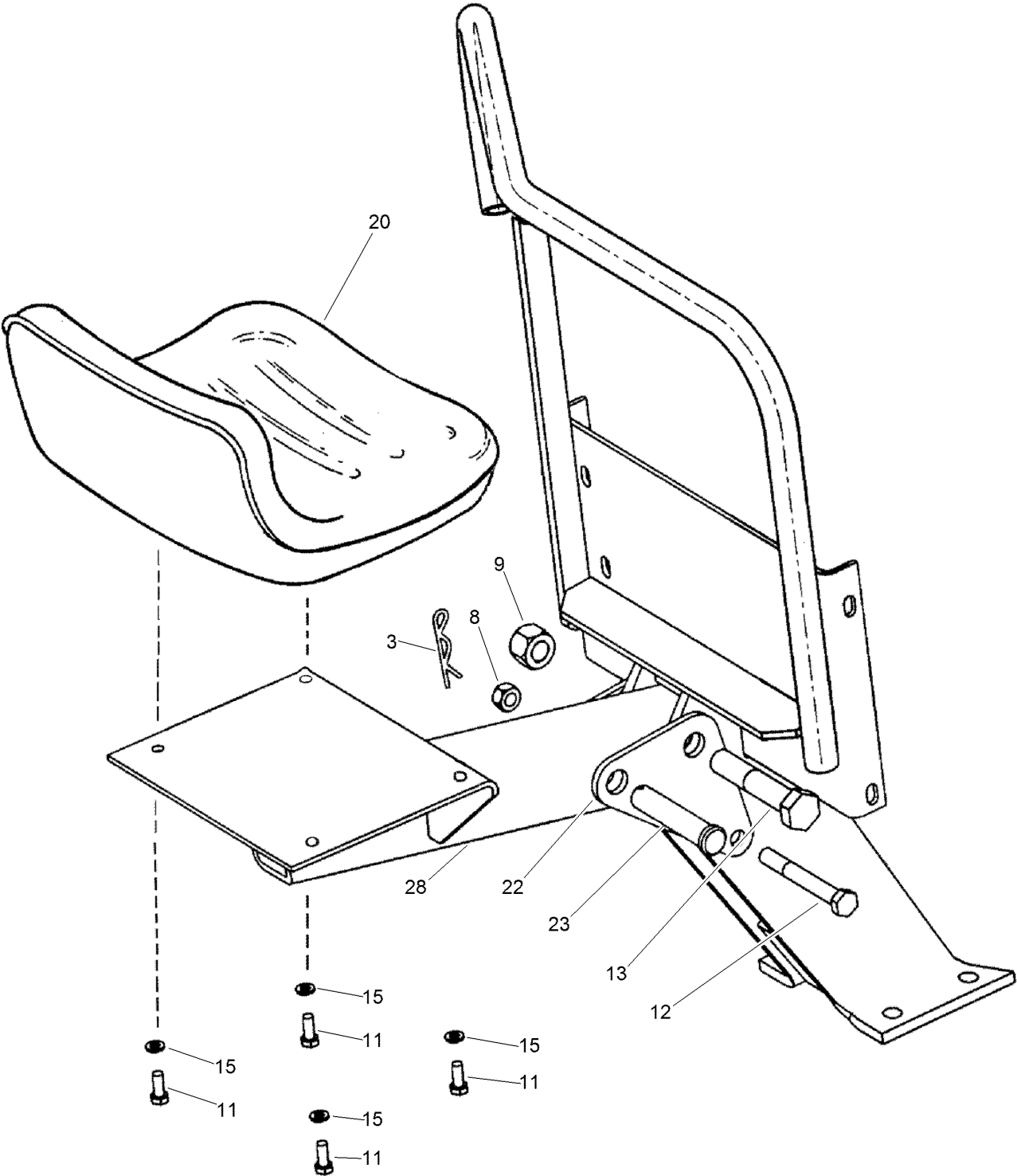


Backhoe - HD125 Assembly No. 2 (continued)

<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>
	AU102128	1	ASM-Basic Backhoe ●	58	AU402216A1	1	HYD Cylinder ASM (Bucket)
6	AU101354	1	ASM-Boom	59	AUH437315	2	Link-Curved, Dipper To Bucket
19	AU349192A1	3	Spacer	60	AUH437313	2	Link-Straight, Dipper To Bucket
20	AU496-41041	3	Washer	61	AU1346411C3	1	Cylinder-76 (3) ID X 498 Mm (19-5/8 Inch) Stroke, Dipper
21	AU492-11038	3	Washer-Spring Lock, Reg 3/8 Znd	63	AU219-1	3	Fitting-Lube 1/8-27 Dryseal Ptf
36	AUH674676	1	Dipper ASM-Backhoe	64	AU349180A1	2	Pin
38	AU103-16125	2	Ring-Retaining	65	AUD25279	2	Ring
41	AU111270	1	Pin-Retaining	85	AUH439269	2	Elbow-90 DEG
42	AU326-616	3	Bolt-Hex, 3/8 NC X 1-1/4 Inch	86	AUH674567	1	Tube-Hydraulic, Bucket
44	AUH437349	2	Pin	87	AU103191	2	Decal-HD125
45	AUH433937	2	Pin-Retainer	97	AUH426437	1	Washer
47	AU218-5059	2	Connector-Str Thd 1/2, 37FI-ORB 1/2	124	AU253977A1	1	Bracket-Boom End, Hose
57	AU111271	1	Pin-Dipper Cylinder To Boom				

● Not illustrated

Kit - HD125 Seat and Bucket Attach

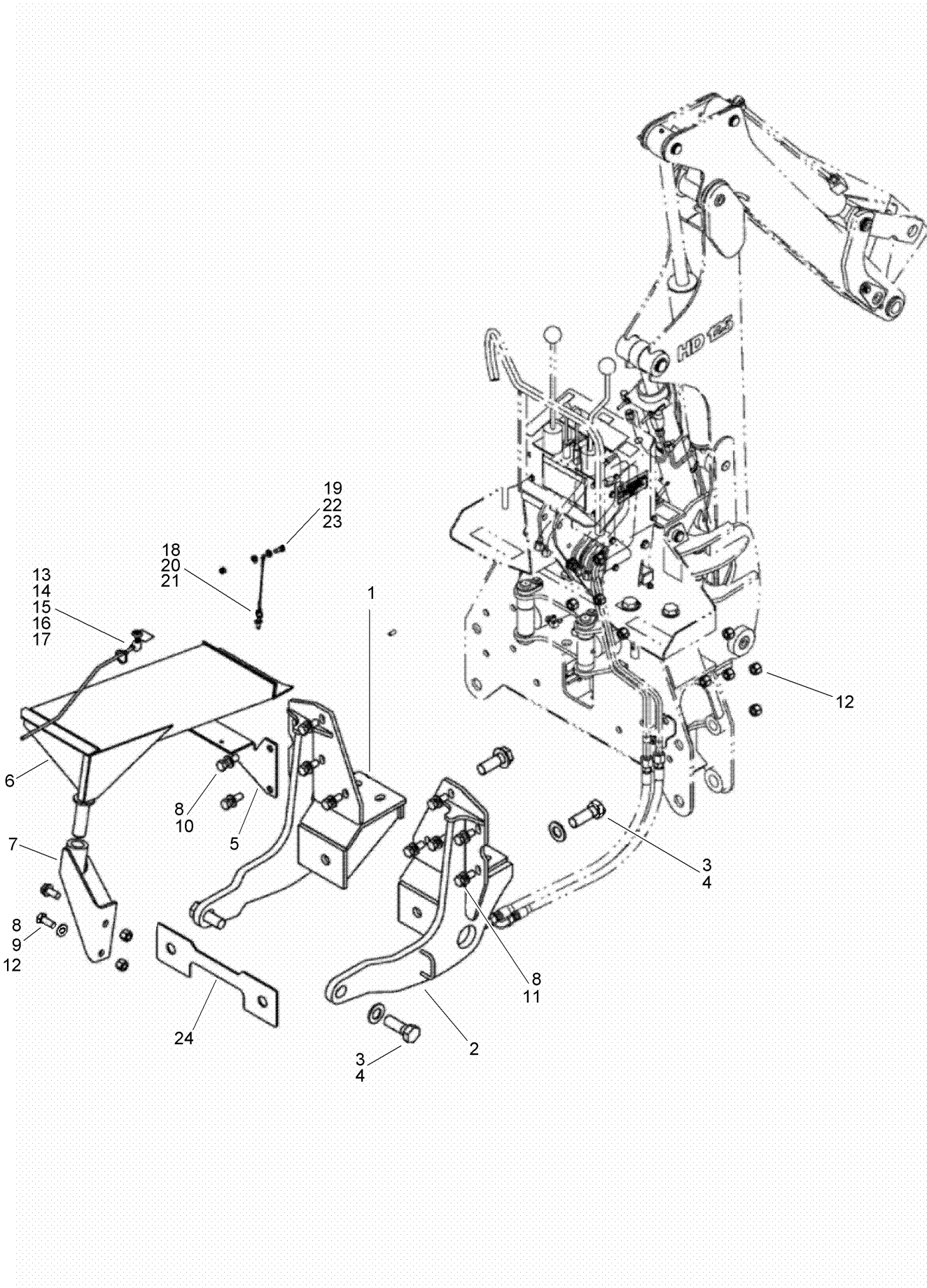


Kit - HD125 Seat and Bucket Attach (continued)

<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>
	AU102457	1	Kit-HD125 Attach-Seat/Bucket ●●	15	AU492-11031	4	Washer-Lock, 5/16 Inch
1	AU100-16150	2	Ring-Retaining ●	16	AU492-11038	2	Washer-Spring Lock, Reg 3/8 Znd ●
2	AU103-16125	4	Ring-Retaining ●	17	AU496-41041	2	Washer ●
3	AU136-164	1	Pin-Hair Cotter, Int	18	AU349180A1	2	Pin ●
4	AU218-980	4	Fitting-Swivel, 90 DEG ●	19	AU349192A1	2	Spacer ●
5	AU218-5058	4	Connector ●	20	AU116536	1	Seat-Black, Low-Back
6	AU219-1	4	Fitting-Lube 1/8-27 Dryseal Ptf ●	22	AU102292	1	Plate-Seat Mounting
7	AU230-4216	2	Nut ●	23	AU102336	1	Pin-Mount, Seat
8	AU230-4218	1	Nut-Hex	24	AUD25279	4	Ring ●
9	AU230-42112	1	Nut-Hex Lock	25	AUH434381	2	Pin-Stabilizer Cylinder To Arm ●
10	AU231-4146	2	Nut-Lock 3/8-16 Grd B Znd ●	26	AUH434382	2	Pin-Stabilizer Arm ●
11	AU426-514	2	Bolt	27	AUH437316	1	Spacer-Bucket Links ●
12	AU426-864	1	Screw-HH	28	AU121896	1	Post-Seat, Backhoe
13	AU426-1264	1	Bolt	29	AU120837A1	2	ASM-Hose ●
14	AU426-628	2	Bolt-Hex Hd .375 X 1.75 GR5 Znd ●	30	AU218-736	2	Fitting-Union ●

● Not illustrated

Kit - Front Attach - HD125 Backhoe

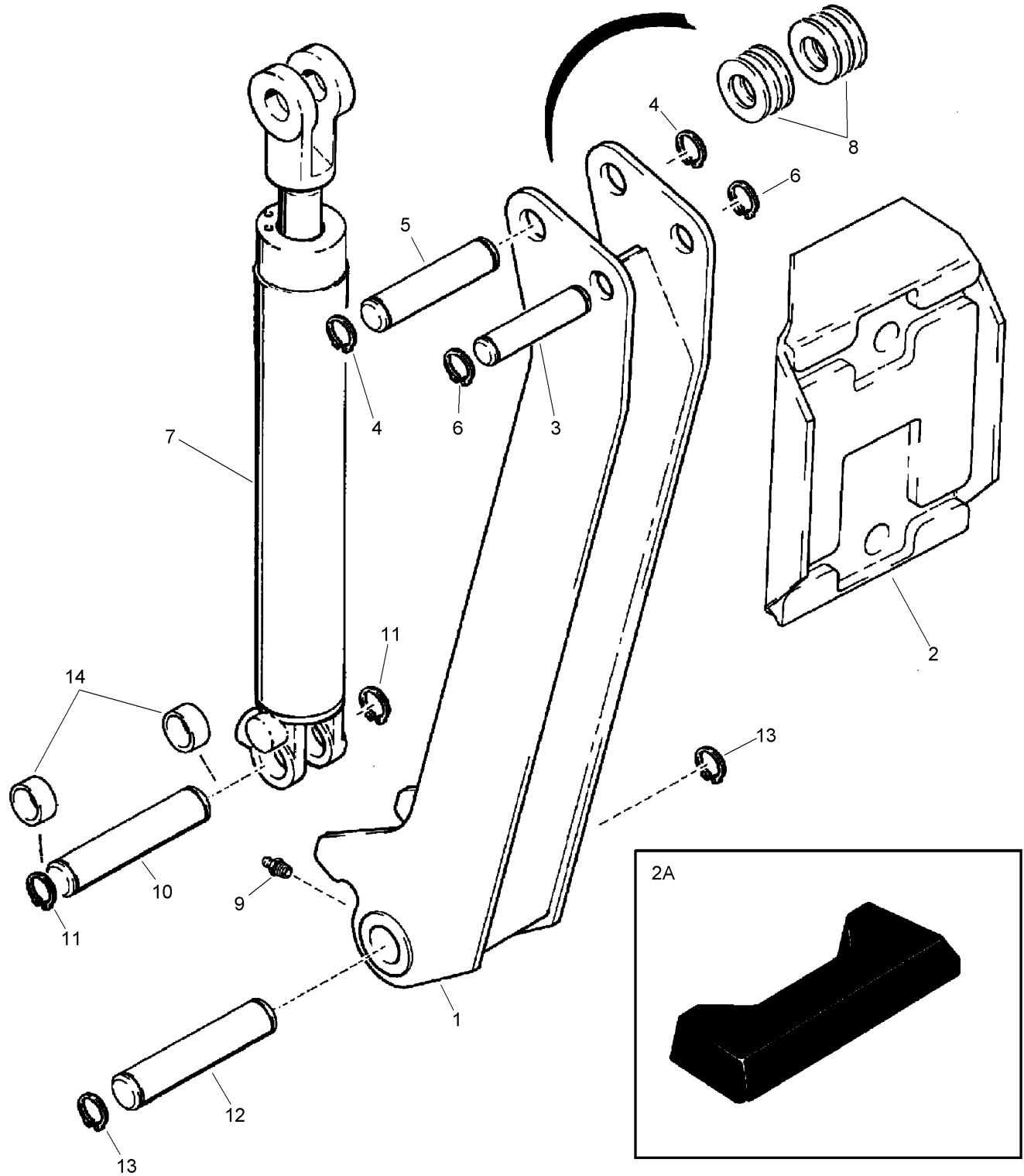


Kit - Front Attach - HD125 Backhoe (continued)

<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>
	AU102655	1	Kit-Front Attach, HD125 Backhoe ●	12	AU232-41112	12	Nut-Prev Trq 3/4 Grc Cad Direct
1	AU116278A1	1	Bracket-Backhoe Mounting LH	13	AUD74330	1	Switch-Light
2	AU110522A1	1	Bracket-Backhoe Mounting RH	14	AU188194A1	1	Decal-Backhoe E-Stop
3	AUH426858	4	Washer	15	AUD91273	1	Knob-Fuel Shut-Off
4	AU426-2056	4	Bolt	16	AUH434267	1	Harness-Backhoe E-Stop
5	AU116558A1	1	Bracket-Walkway Support	17	AUL11541	2	Strap-Tie
6	AU116560A1	1	Walkway-Backhoe	18	AU495-11041	1	Washer-0.406 X 0.812 X 0.065 In Cst Znd
7	AU102362A1	1	Pivot-Walkway Mounting	19	AU496-21041	2	Washer-Flat
8	AUH426817	12	Washer-Flat	20	AUD94535	1	Pin-Cotterless
9	AU426-1228	2	Bolt-Hex Hd 3/4 X 1-3/4 GR8 Znd	21	AUL78786	1	Retainer-Rope, Wire
10	AU426-1236	2	Screw-HH	22	AU426-616	1	Screw-HH
11	AU426-1232	8	Bolt	23	AU232-4116	1	Nut-Hex
				24	AU104292	1	Shim-Backhoe To Frame
				25	AU102656	1	Instructions-Installation ●

● Not illustrated

Backhoe Stabilizers

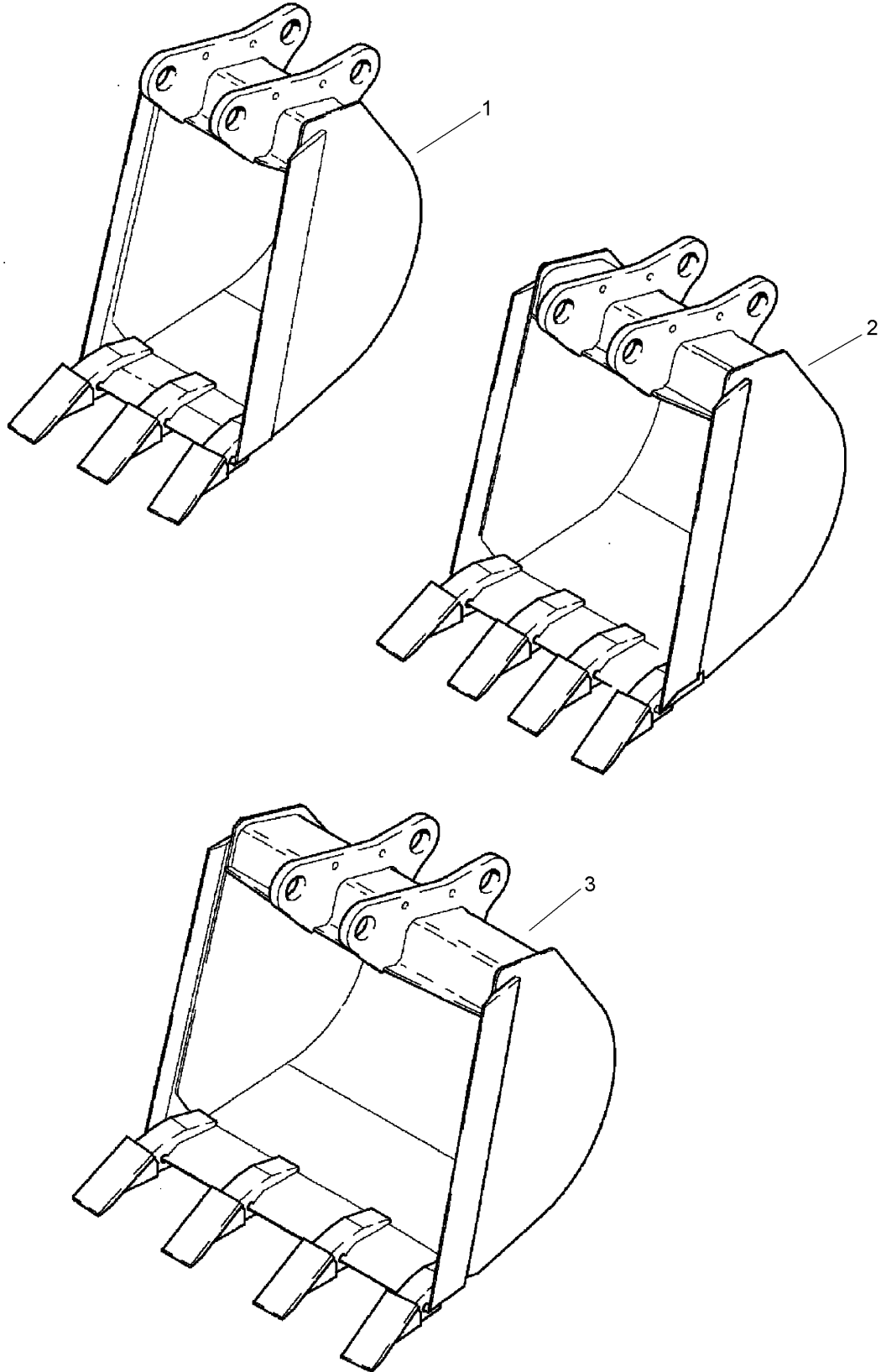


Backhoe Stabilizers (continued)

<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	AUH674650	2	Stabilizer-Backhoe, Fold Down	10	AUH434381	2	Pin-Stabilizer Cylinder To Arm
2	AUH434430	2	Pad-Stabilizer Cast	11	AU103-16125	4	Ring-Retaining
2A	AUR31222	2	Pad-Track, Rubber (If Used)	12	AUH434382	2	Pin-Stabilizer Arm
3	AUH434379	2	Pin (Stabilizer Pad End)	13	AUD25279	4	Ring
4	AU103-16125	4	Ring-Retaining	14	AU103502A1	4	Bushing
5	AUH434380	2	Pin-Stabilizer (Cylinder Rod End)	15	AU214-1456	2	Clamp-Hose #56 ●
6	AU103-16112	4	Ring-Retaining	16	AU218-5128	4	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube ●
7	AU123115	2	HYD Cylinder ASM	17	AU139517C1	4	Hose ●
8	AU495-21138	12	Washer-Flat (Hardened)				
9	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long				

● Not illustrated

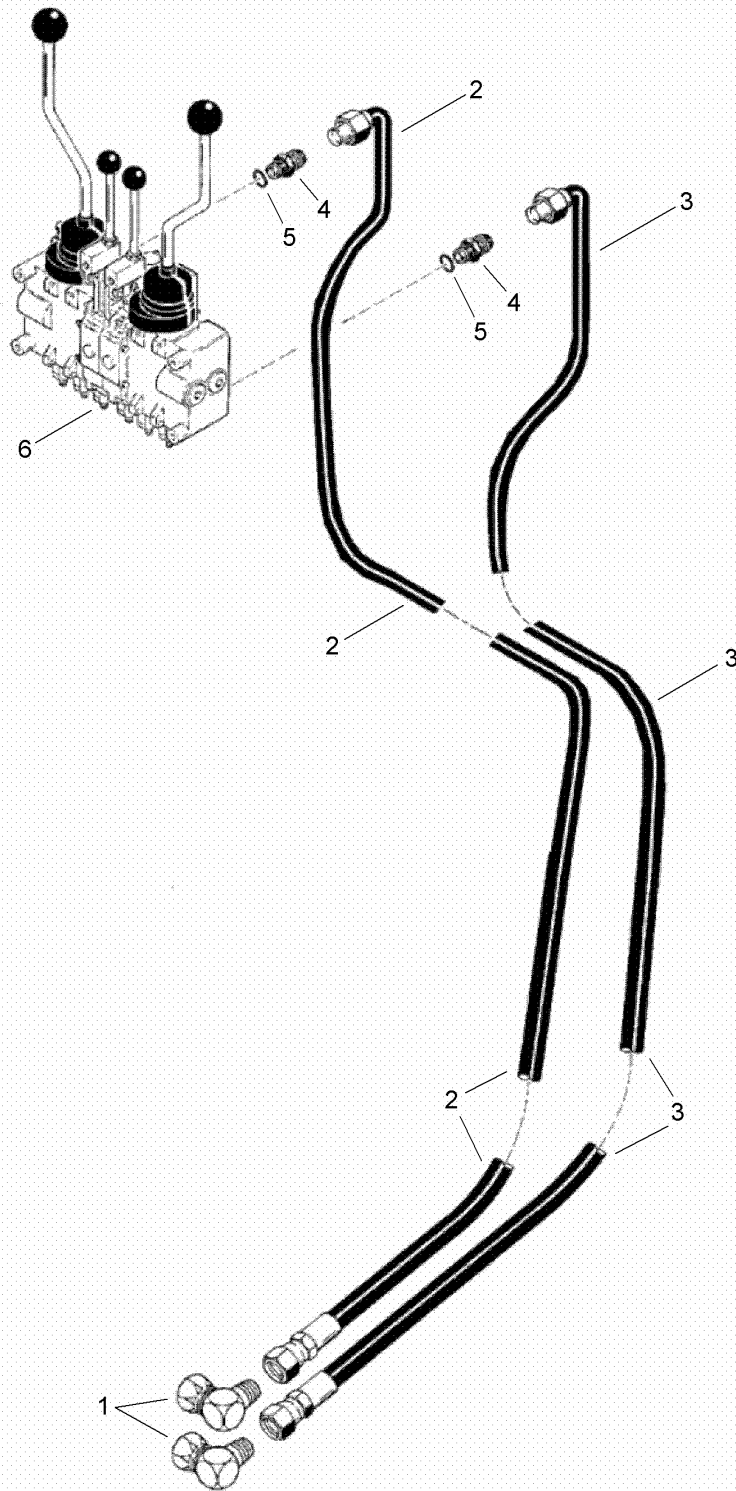
HD125 Backhoe Buckets



HD125 Backhoe Buckets (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AUH674115	1	Bucket ASM-Backhoe, 344 Mm (13-1/2 Inch) Wide
2	AUH674116	1	Bucket ASM-Backhoe, 458 Mm (18 Inch) Wide
3	AUH674117	1	Bucket ASM-Backhoe, 610 Mm (24 Inch) Wide

Backhoe Control Valve Supply and Return Lines HD125 Backhoe

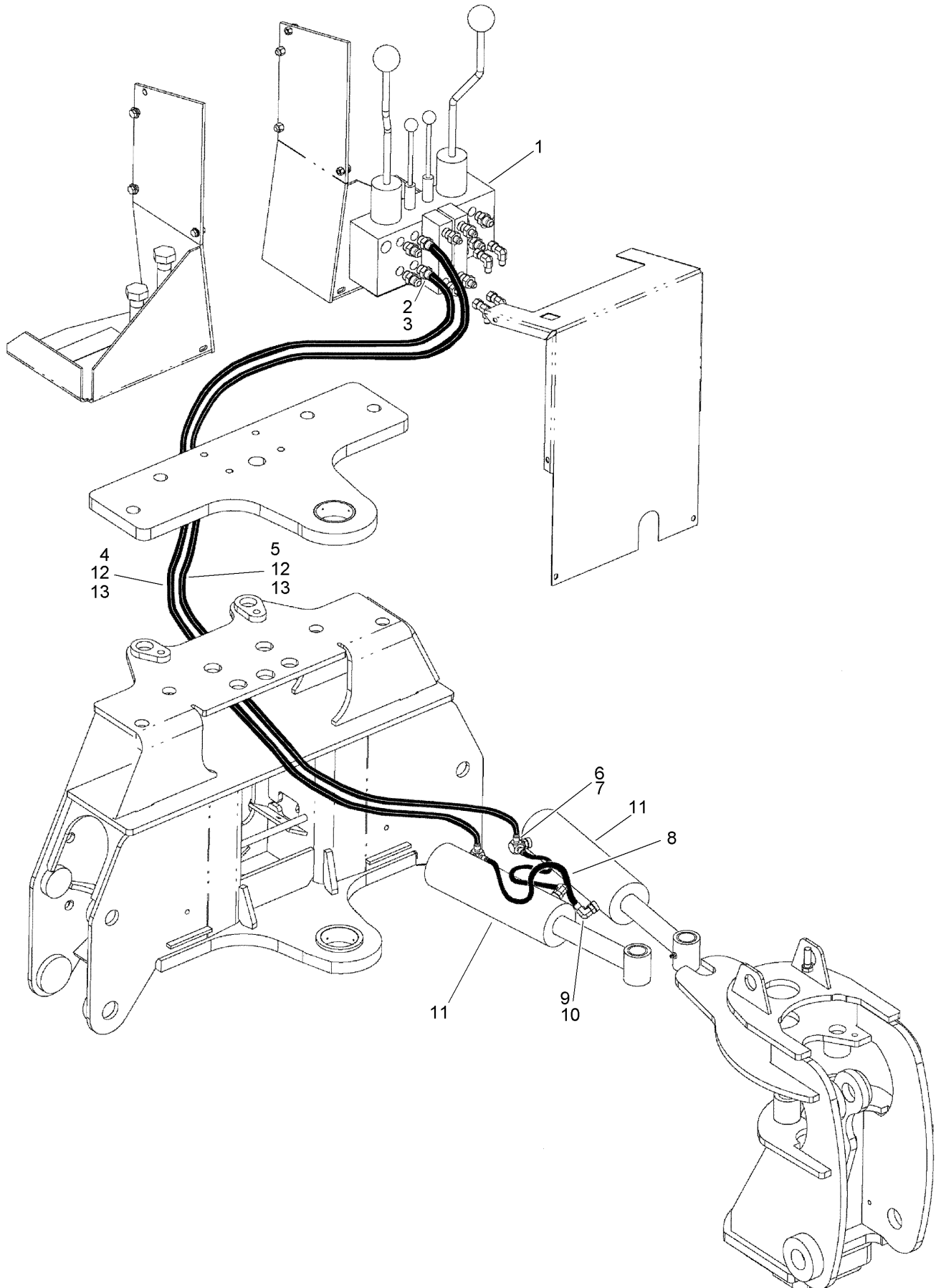


Backhoe Control Valve Supply and Return Lines

HD125 Backhoe (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	AU218-5231	2	Fitting-Elbow, 90	4	AU218-5065	2	Connector-Str Thd 3/4,
2	AU102097	1	Hose-Backhoe Control				37FI-ORB 5/8
			Valve Supply	5	AU237-6010	1	O-Ring
3	AU102098	1	Hose-Backhoe Control	6	AU87400034	1	HYD Control Valve ASM
			Valve Return				

Backhoe Swing Cylinder Hydraulic Circuit HD125 Backhoe

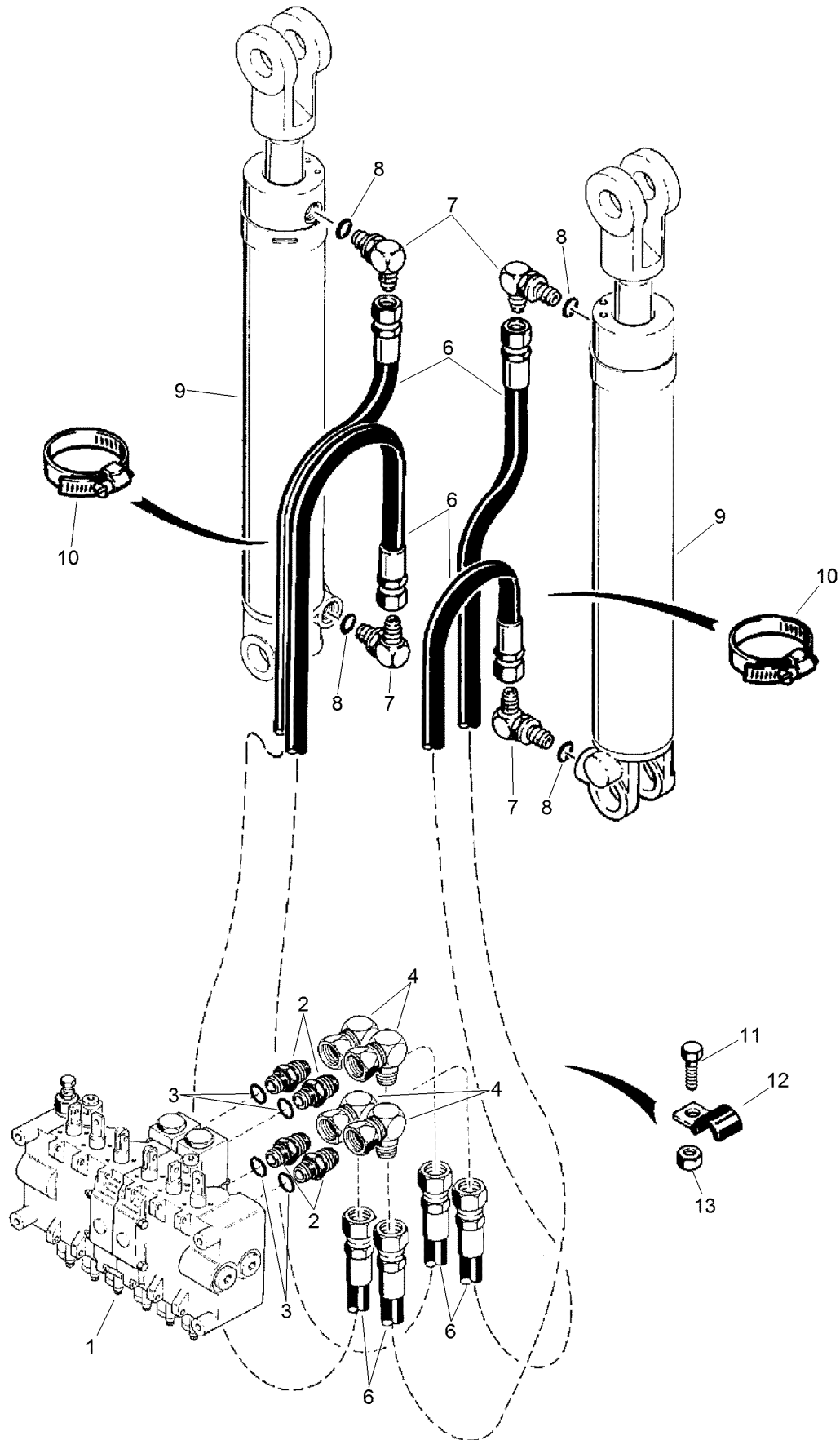


Backhoe Swing Cylinder Hydraulic Circuit HD125 Backhoe (continued)

<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	AU87400034	1	HYD Control Valve ASM	7	AU237-6008	1	O-Ring
2	AU218-5059	2	Connector-Str Thd 1/2, 37FI-ORB 1/2	8	AUH439225	2	Hose
3	AU237-6008	1	O-Ring	9	AU218-5105	2	Elbow-90 DEG (Adjustable 37 DEG)
4	AU102094	1	Hose-Hydraulic, Swing Cylinder	10	AU237-6008	1	O-Ring
5	AU102093	1	Hose-Hydraulic, Swing Cylinder	11	AU103336	2	HYD Cylinder ASM
6	AUL104616	2	Fitting	12	AUH438500	2	Hose Protector
				13	AUL18331	1	Strap-Tie

Backhoe Stabilizer Cylinder Hydraulic Circuit

HD125 Backhoe

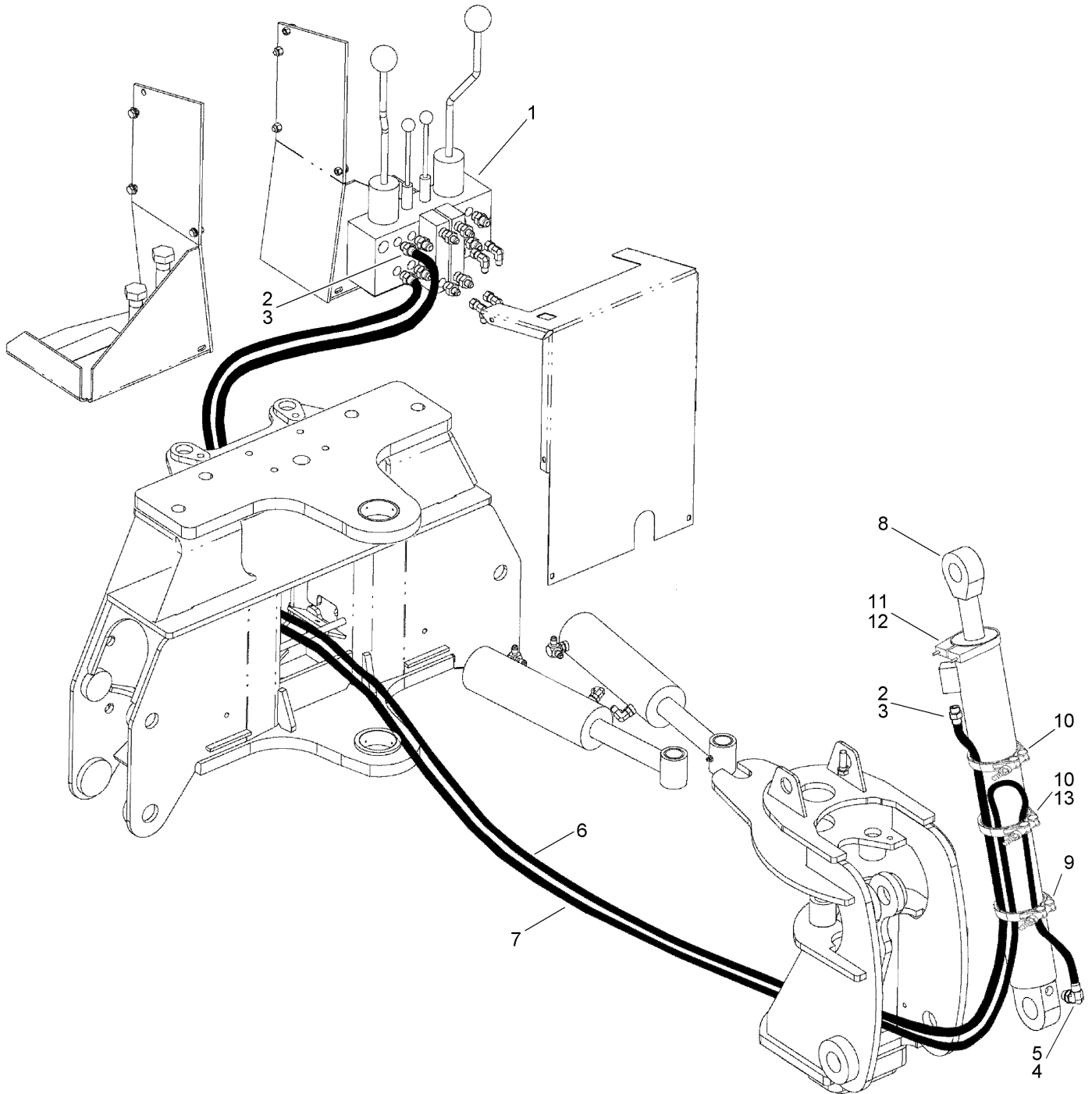


Backhoe Stabilizer Cylinder Hydraulic Circuit

HD125 Backhoe (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	AU87400034	1	HYD Control Valve ASM	9	AU123115	2	HYD Cylinder ASM
2	AU218-5058	4	Connector	10	AU214-1456	2	Clamp-Hose #56
3	AU237-6008	1	O-Ring	11	AU426-524	2	Bolt-Hex, 5/16 NC X 1-1/2 Inch
4	AU218-980	4	Fitting-Swivel, 90 DEG	12	AUH434900	2	Clamp-Tube
6	AU139517C1	4	Hose	13	AU231-5145	2	Nut-Hex Serrated Flange, 5/16 Inch NC
7	AU218-5128	4	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube				
8	AU237-6008	1	O-Ring				

Backhoe Boom Cylinder Hydraulic Circuit HD125 Backhoe

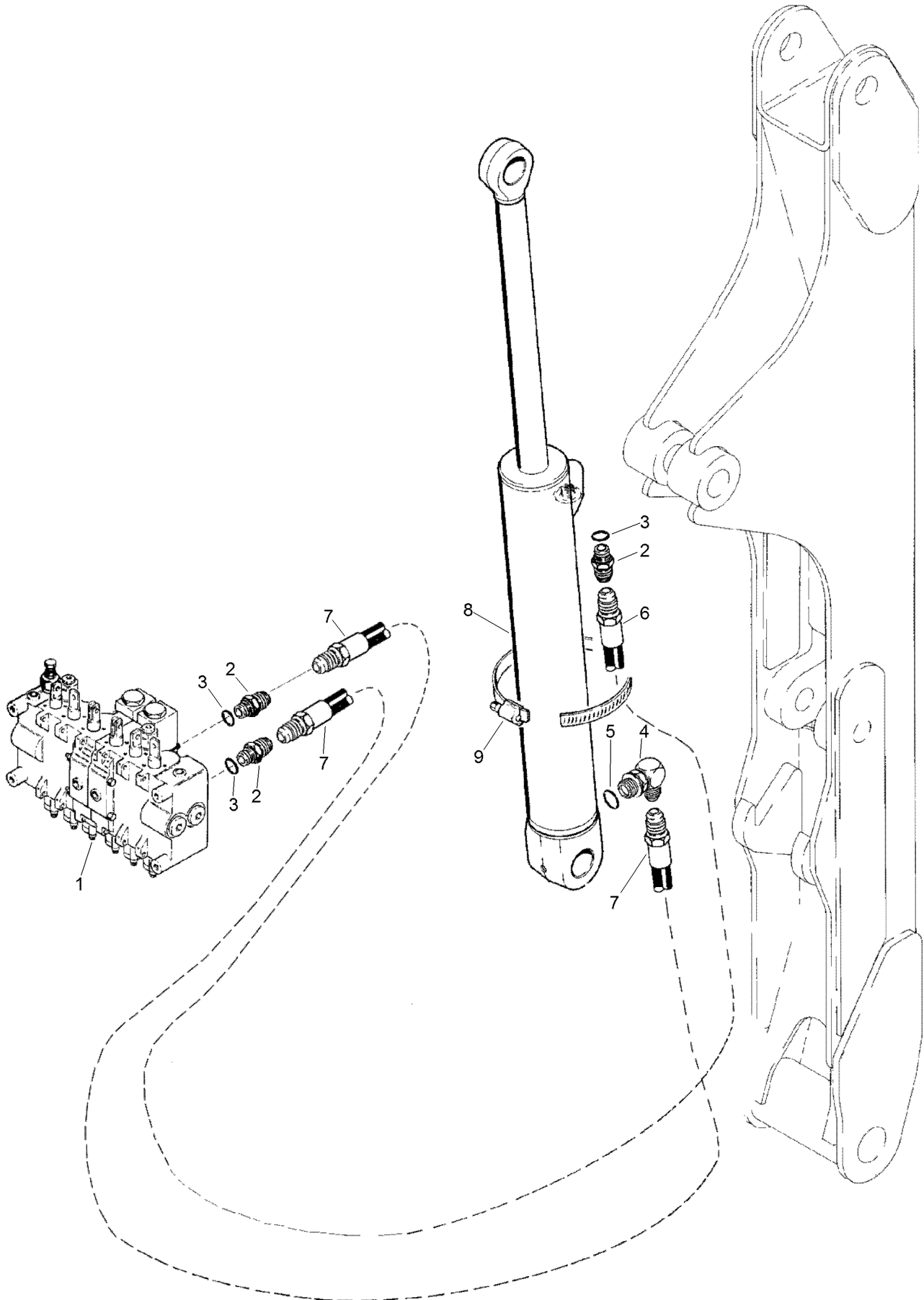


Backhoe Boom Cylinder Hydraulic Circuit HD125 Backhoe (continued)

<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	AU87400034	1	HYD Control Valve ASM	8	AU305352A1	1	HYD Cylinder ASM
2	AU218-5059	3	Connector-Str Thd 1/2, 37FI-ORB 1/2	9	AU214-1460	1	Clamp-Hose Type F #60
3	AU237-6008	1	O-Ring	10	AU214-1488	1	Clamp-Hose
4	AUH439269	1	Elbow-90 DEG	11	AU304650A1	1	Clamp
5	AU237-6008	1	O-Ring	12	AU515-23190	2	Clamp-Insul 19.0 Mm 3/8 In Bolt Znd
6	AU113717	1	Hose-To Rod End Of Boom Cylinder	13	AUD38648	3	Saddle-Support, Tube
7	AU113718	1	Tube-To Closed End Of Boom Cylinder				

Backhoe Dipper Cylinder Hydraulic Circuit

HD125 Backhoe



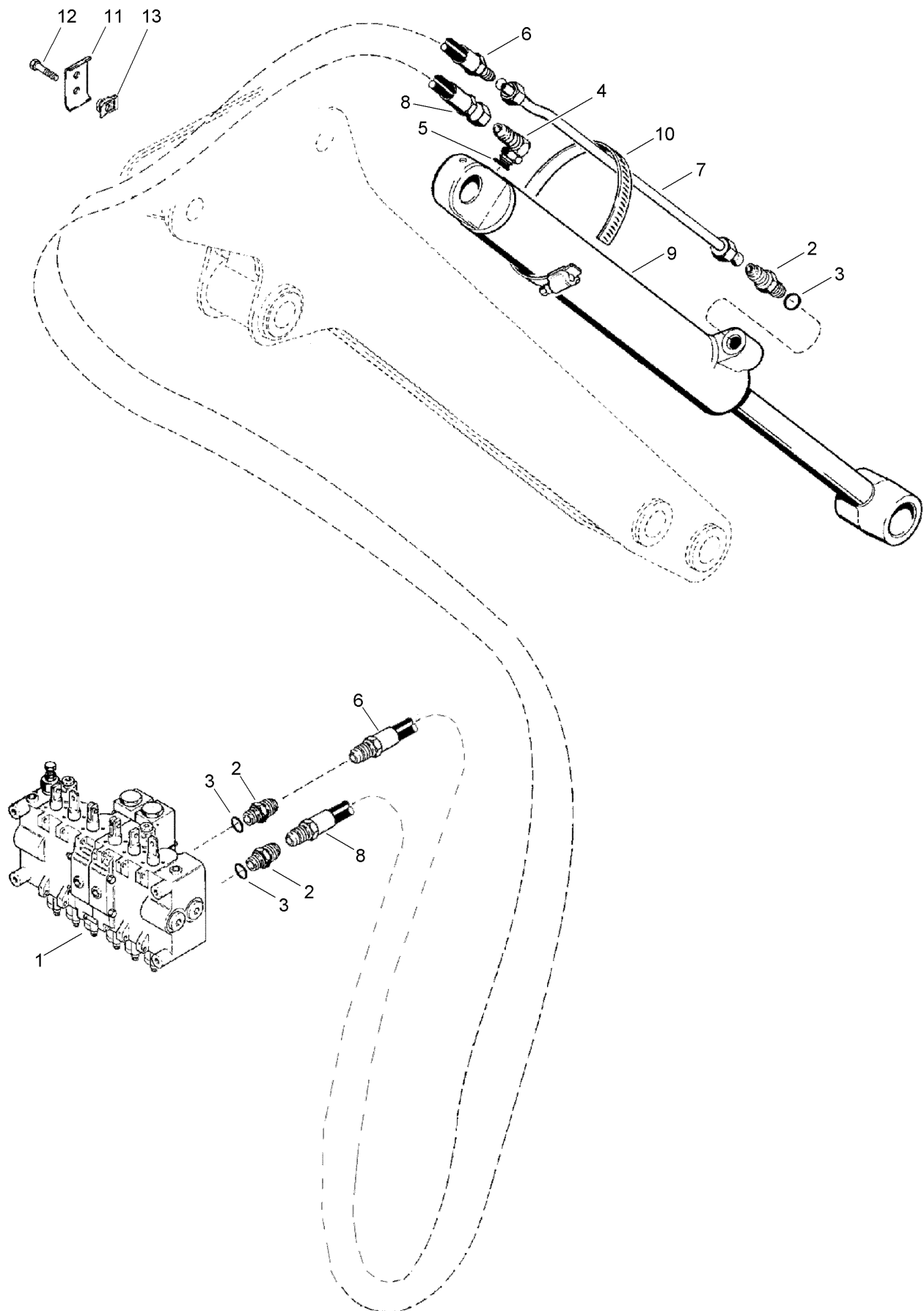
Backhoe Dipper Cylinder Hydraulic Circuit

HD125 Backhoe (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	AU87400034	1	HYD Control Valve ASM	7	AUH438193	1	Hose-To Closed End Of Dipper Cylinder
2	AU218-5059	3	Connector-Str Thd 1/2, 37FI-ORB 1/2	8	AU1346411C3	1	Cylinder-76 (3) ID X 498 Mm (19-5/8 Inch) Stroke, Dipper
3	AU237-6008	1	O-Ring	9	AU214-1460	1	Clamp-Hose Type F #60
4	AUH439269	1	Elbow-90 DEG				
5	AU237-6008	1	O-Ring				
6	AUH438194	1	Hose-To Rod End Of Dipper Cylinder				

Backhoe Bucket Cylinder Hydraulic Circuit

HD125 Backhoe

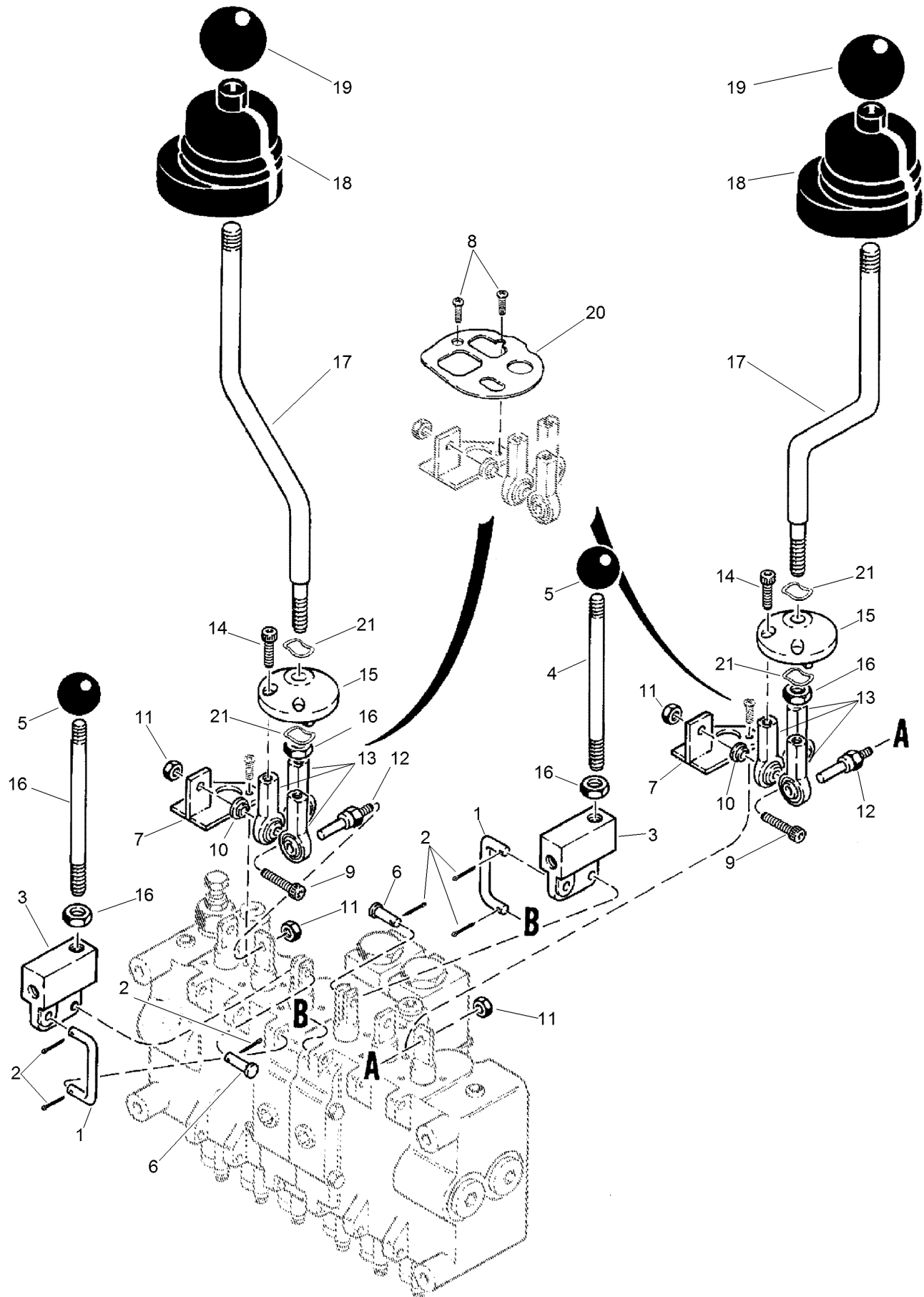


Backhoe Bucket Cylinder Hydraulic Circuit

HD125 Backhoe (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	AU87400034	1	HYD Control Valve ASM	8	AUH438227	1	Hose-3310 Mm (130-5/16
2	AU218-5059	3	Connector-Str Thd 1/2, 37FI-ORB 1/2				Inch) Long, To Tube At Rod End Of Bucket Cylinder
3	AU237-6008	1	O-Ring	9	AU402216A1	1	HYD Cylinder ASM (Bucket)
4	AUH439269	1	Elbow-90 DEG	10	AU214-1460	1	Clamp-Hose Type F #60
5	AU237-6008	1	O-Ring	11	AUH434900	2	Clamp-Tube
6	AUH438685	1	Hose-3330 Mm (131-1/8 Inch) Long, To Closed End Of Bucket Cylinder	12	AU426-524	4	Bolt-Hex, 5/16 NC X 1-1/2 Inch
7	AUH674567	1	Tube-Hydraulic, Bucket	13	AU230-4215	4	Nut-Prev Trq 5/16 Gra Cad Nondir

Backhoe Control Valve Controls Section HD125 Backhoe



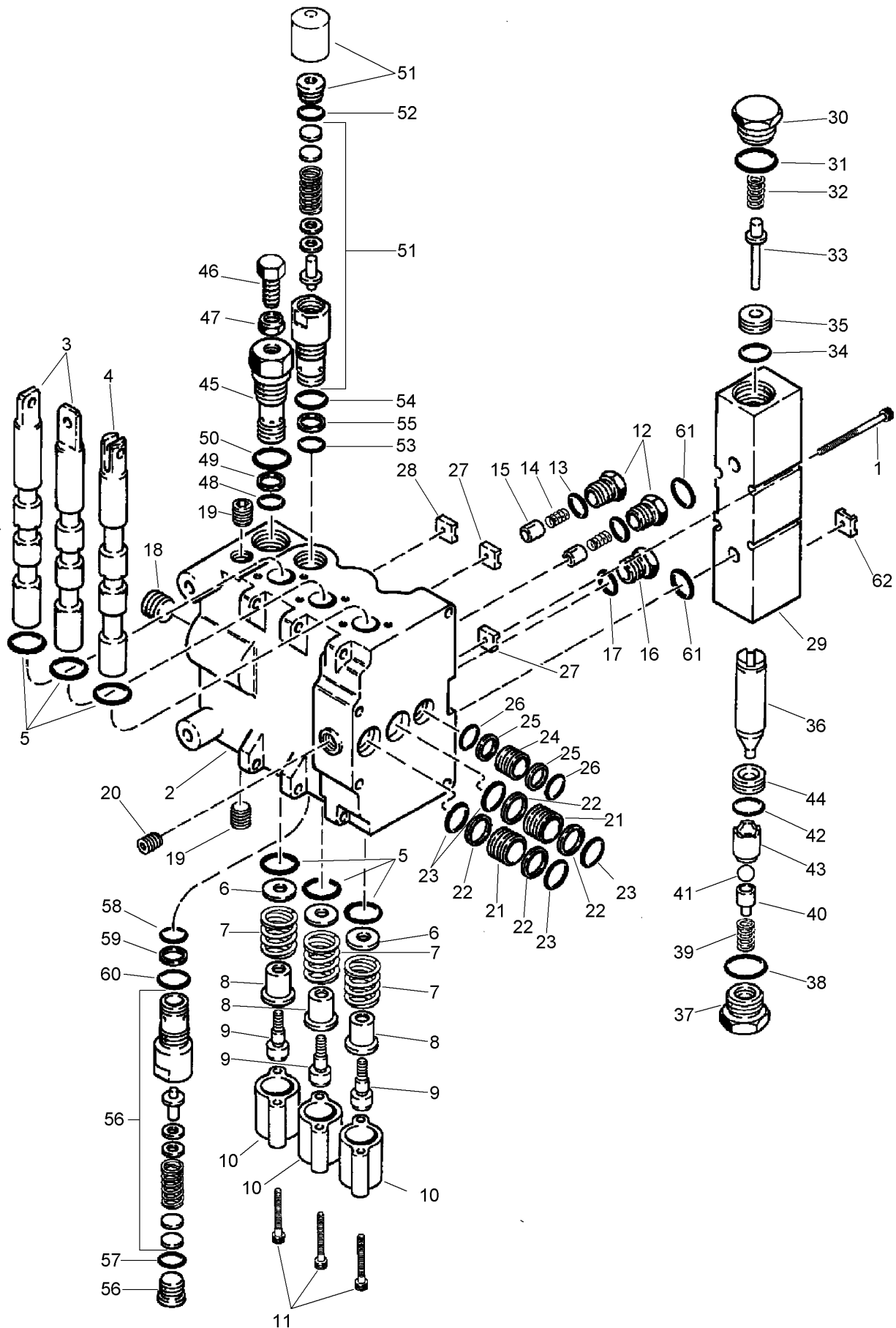
Backhoe Control Valve

Controls Section HD125 Backhoe (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>
	AU87400034	1	HYD Control Valve ASM ●	11	AUH438943	6	Nut-Jam
1	AUH438042	2	Hook-C	12	AUH438038	2	Stud
2	AU432-412	6	Pin-Cotter 0.062 X 0.75 In Zn	13	AUH438025	6	End-Rod
3	AUH438043	2	Block	14	AU62-32512	6	Screw
4	AU100406A1	2	Rod	15	AUH438944	2	Adapter
5	AUH152207	2	Knob	16	AU425-146	4	Nut-Hex Jam 0.375-16 GR5 Znd
6	AU427-4077	2	Pin-Clevis	17	AUH438022	2	Handle
7	AUH438950	2	Bracket	18	AUH438946	2	Boot
8	AU62-31010	4	Screw	19	AUA23885	2	Ball
9	AU62-32516	4	Screw	20	AUH438951	2	Plate
10	AUH438035	4	Spacer	21	AUH438956	4	Washer

● Not illustrated

Backhoe Control Valve Inlet Section HD125 Backhoe



Backhoe Control Valve

Inlet Section HD125 Backhoe (continued)

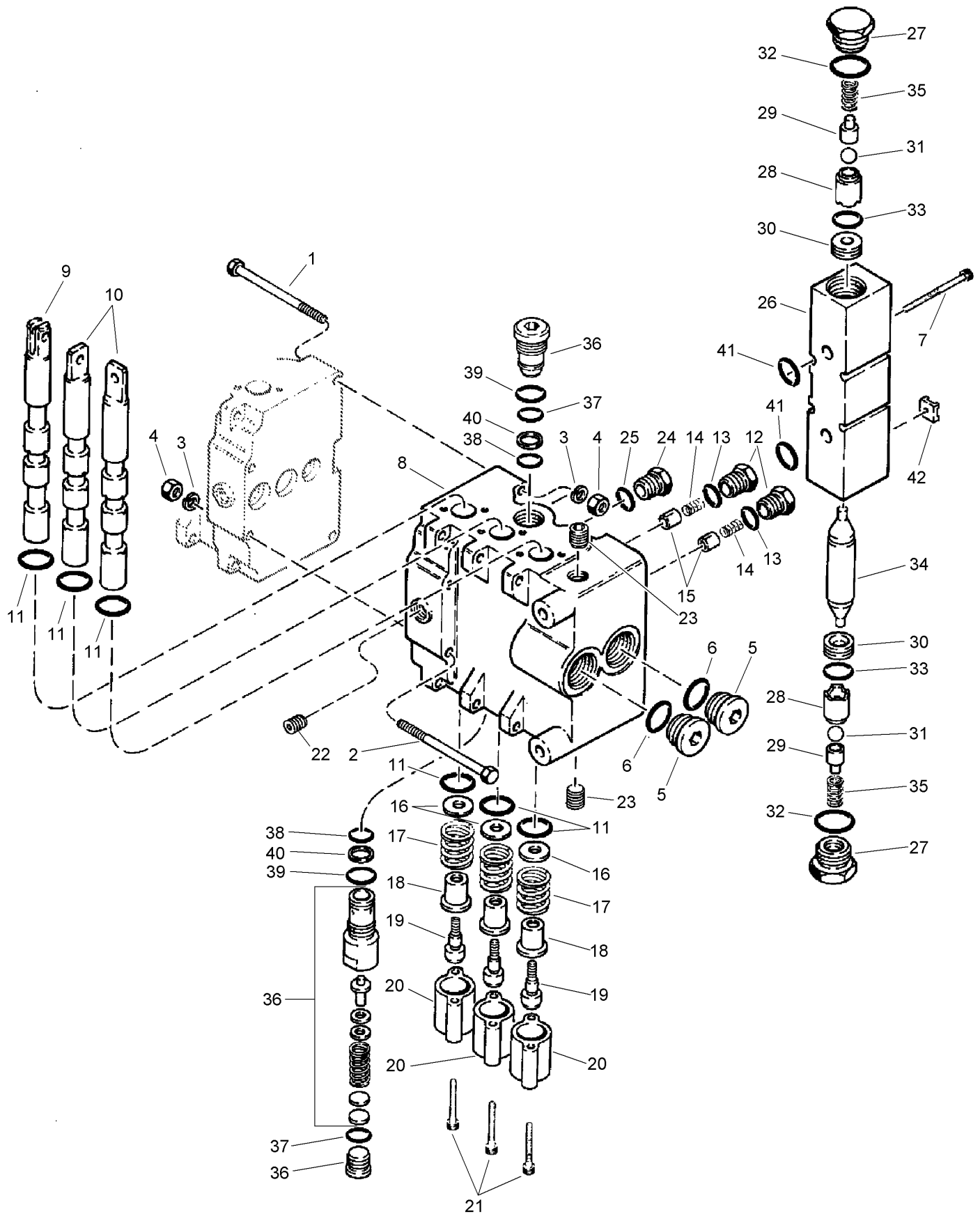
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	AU87400034	1	HYD Control Valve ASM ●	34	AU238-6016	1	O-Ring ▲
1	AU62-31040	4	Screw	35	AU113750A1	1	Seat-Pilot ▲
	AU87407874	1	Section ASM-Inlet ●	36	AU113749A1	1	Plunger ▲
2		1	Body-Inlet Section ■	37	AUH438031	1	Plug
3		2	Spool-Dual Control ■	38	AU237-6010	1	O-Ring
4		1	Spool-Stabilizer ■	39	AU102712A1	1	Spring
5	AUH438030	6	O-Ring	40	AUH438032	1	Sleeve
	AUH438021	3	Kit-Spring Centering ●	41	AU113748A1	1	Ball-Steel ▲
6	AU495-11034	1	Washer-Flat	42	AU238-6016	1	O-Ring
7	AUN9539	1	Spring-Return	43	AUH438033	1	Retainer
8		1	Spacer-Spring ■	44	AU113746A1	1	Seat-Pilot
9		1	Bolt-Shoulder, Special ■		AUH438940	1	Valve ASM-Relief ●
10		1	Cap-End ■	45		1	Valve-Relief ■
11	AU62-31024	2	Screw		AUH674535	1	Kit-Seal, Main Relief Valve ●
	AU87407876	2	Kit-Load Check ●	46	AUH438229	1	Bolt
12	AUH438231	1	Plug ASM	47	AUH438228	1	Nut
13	AU237-6006	1	O-Ring	48	AU238-6015	1	O-Ring
14		1	Spring-Poppet ■	49	AUH438044	1	Ring-Backup
15		1	Poppet-Load Check ■	50	AU238-6017	1	O-Ring
16	AUH438024	1	Load Check Kit		AUH438952	1	Valve ASM-Circuit Relief, 1800-1900 Psi ●
17	AU237-6006	1	O-Ring	51		1	Valve-Relief ■
18	AU217-436	1	Plug-Hex Socket, Pipe		AUH674536	1	Kit-Seal, Circuit Relief Valve ●
19	AU217-433	2	Plug	52	AU237-6006	1	O-Ring
20	AUH438960	1	Plug-Seal	53	AU238-6014	1	O-Ring
21	AUH438028	2	Tube	54	AU237-6008	1	O-Ring
22		2	Ring-Backup, Sleeve	55		1	Ring-Backup ■
			O-Ring ■		AUH438947	1	Valve ASM-Circuit Relief, 4500-4600 Psi ●
23	AU238-6211	2	O-Ring	56		1	Valve-Relief ■
24	AUH438029	1	Tube		AUH674536	1	Kit-Seal, Circuit Relief Valve ●
25	AUH438044	2	Ring-Backup	57	AU237-6006	1	O-Ring
26	AU238-6015	2	O-Ring	58	AU238-6014	1	O-Ring
27	AU100403A1	2	Plate	59		1	Ring-Backup ■
28	AUH438041	1	Plate	60	AU237-6008	1	O-Ring
	AU87400034	1	HYD Control Valve ASM ●	61	AU238-6113	2	O-Ring
	AU100405A2	1	Valve ASM-Pilot Check ●	62	AUH438941	1	Orifice
29		1	Body-Pilot Check ■				
30	AU113751A1	1	Plug				
31	AU237-6010	1	O-Ring ▲				
32	AU113747A1	1	Spring ▲				
33	AUH438334	1	Poppet ▲				

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Backhoe Control Valve Outlet Section HD125 Backhoe



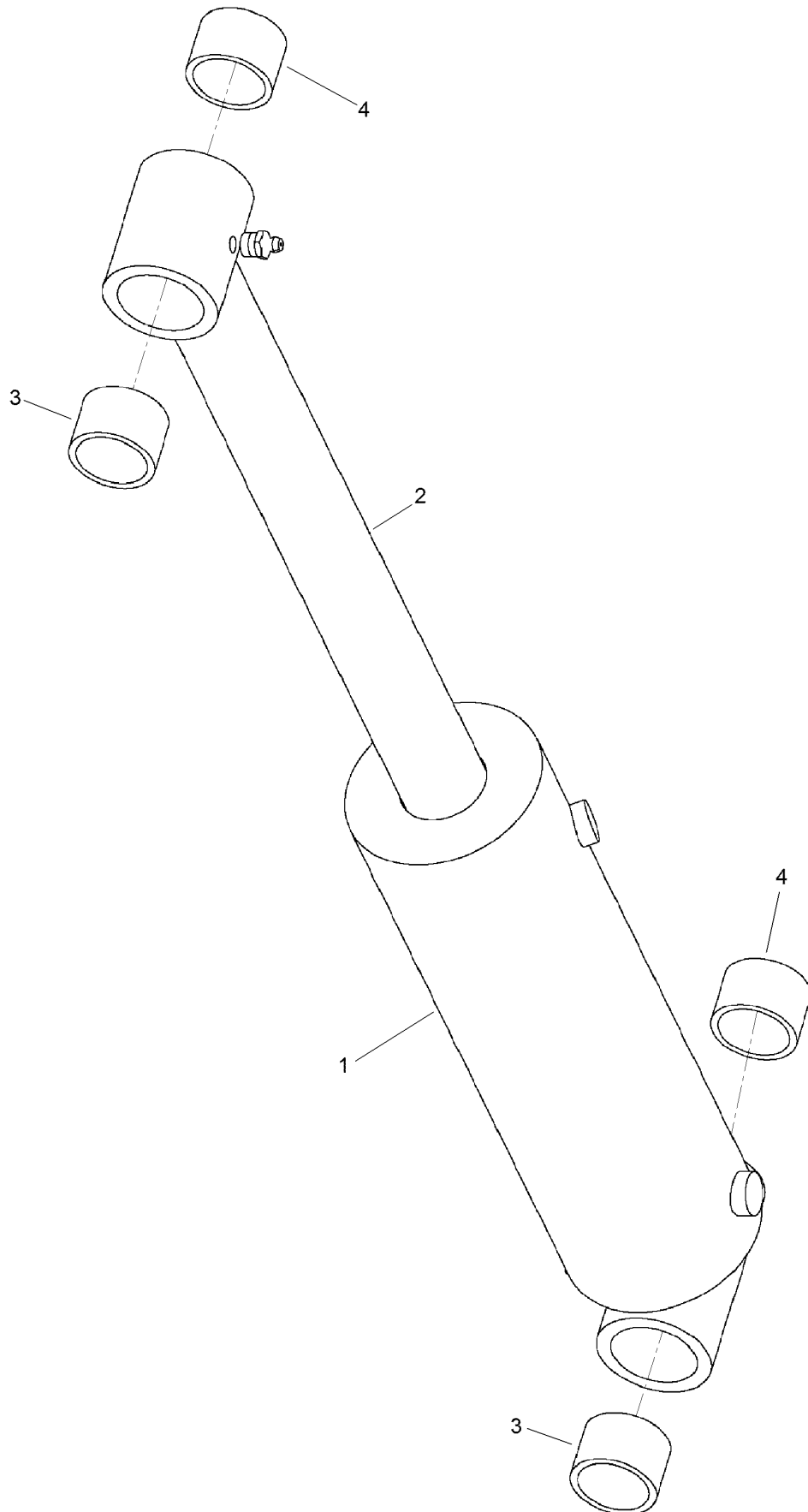
Backhoe Control Valve Outlet Section HD125 Backhoe (continued)

<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>
	AU111935A1	1	Kit-Plunger, Includes All Items Noted Above ●	23	AU221-841	2	Plug
1	AU414-448	2	Screw-Cap	24	AUH438231	1	Plug ASM
2	AU414-436	2	Screw-HH	25	AU237-6006	1	O-Ring
3	AU495-11028	4	Washer-Flat		AU100405A2	1	Valve ASM-Pilot Check ●
4	AU425-114	4	Nut	26		1	Body-Pilot Check ■
5	AU218-5211	2	Plug-Socket Head	27		2	Plug-Pilot Check ■
6	AU237-6010	1	O-Ring	28		2	Sleeve-Pilot Check ■
7	AU62-31040	4	Screw	29		2	Retainer-Ball ■
	AU87407875	1	Section ASM-Outlet ●		AUH674531	1	Kit-Pilot Check ●
8		1	Body-Outlet Section ■	30		2	Seat-Pilot Check ■
9		1	Spool-Stabilizer ■	31		2	Ball-Pilot Check ■
10		2	Spool-Dual Control ■	32	AU237-6010	2	O-Ring
11	AUH438030	6	O-Ring	33	AUG33686	2	O-Ring-5/8 ID X 1/16 Inch Wide
	AU87407876	2	Kit-Load Check ●	34		1	Plunger-Pilot Check ■
12	AUH438231	1	Plug ASM	35		2	Spring-Pilot Check ■
13	AU237-6006	1	O-Ring		AUH438945	2	Valve ASM-Circuit Relief, 3000 Psi ●
14		1	Spring-Poppet ■			1	Valve-Relief ■
15		1	Poppet-Load Check ■	36		1	Kit-Seal, Circuit Relief Valve ●
	AUH438021	3	Kit-Spring Centering ●		AUH674536	1	Kit-Seal, Circuit Relief Valve ●
16	AU495-11034	1	Washer-Flat	37	AU237-6006	1	O-Ring
17	AUN9539	1	Spring-Return	38	AU238-6014	1	O-Ring
18		1	Spacer-Spring ■	39	AU237-6008	1	O-Ring
19		1	Bolt-Shoulder, Special ■	40		1	Ring-Backup ■
20		1	■	41	AU238-6113	2	O-Ring
21	AU62-31024	2	Screw	42	AUH438941	1	Orifice
22	AUH438960	1	Plug-Seal				

● Not illustrated

■ Not serviced separately

Backhoe Swing Cylinder HD125 Backhoe



Backhoe Swing Cylinder

HD125 Backhoe (continued)

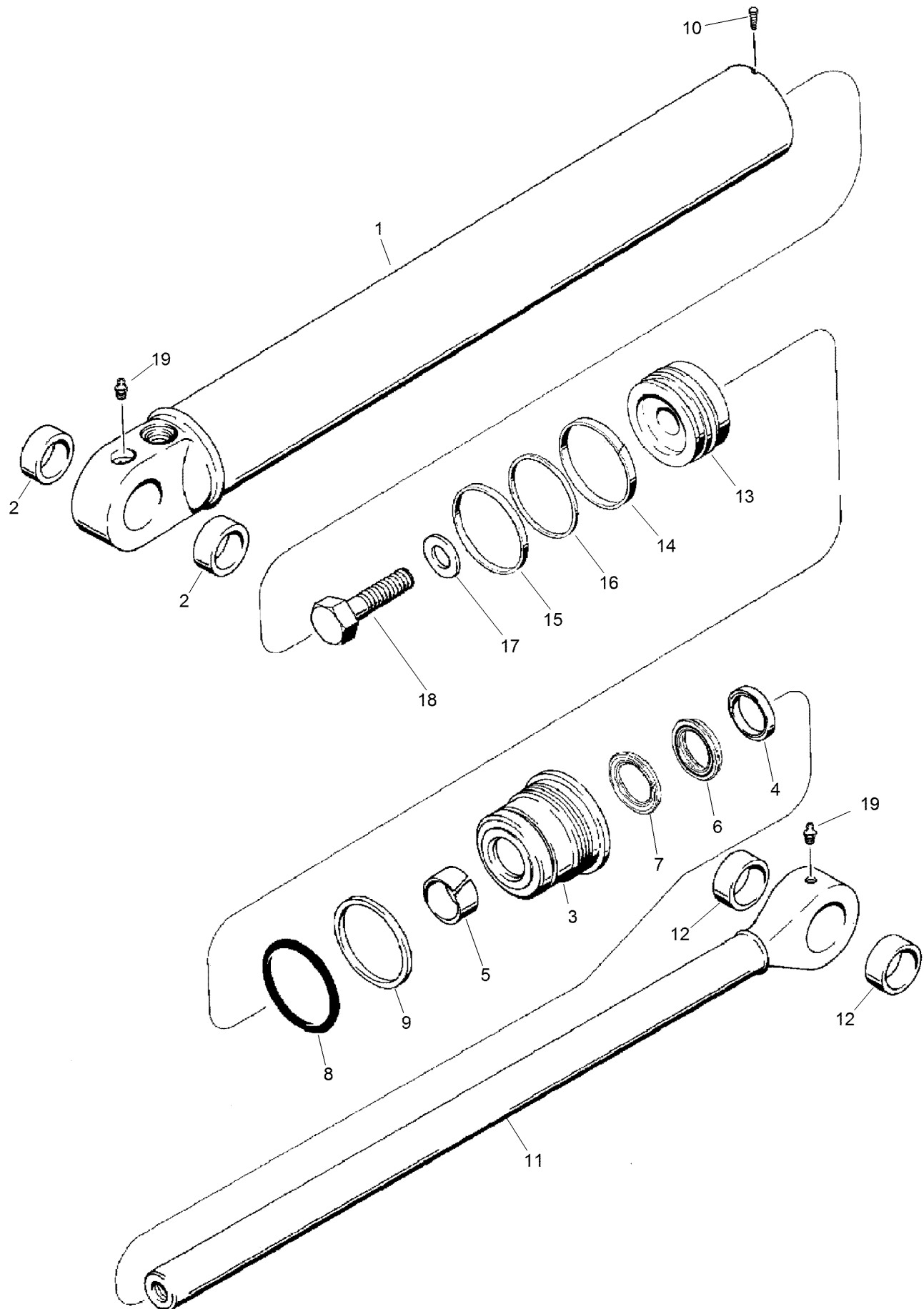
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU103336	1	HYD Cylinder ASM ●
2		2	Tube-Swing Cylinder ■
3	AU103337	1	Rod-Piston ■
		4	Bushing-Rod End, Cylinder

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU210-1	2	Fitting-Lube, 1/8-27 Dryseal Ptf
5	AU103444	1	Seal Kit ●

● Not illustrated

■ Not serviced separately

Backhoe Boom Cylinder Assembly HD125 Backhoe



Backhoe Boom Cylinder Assembly

HD125 Backhoe (continued)

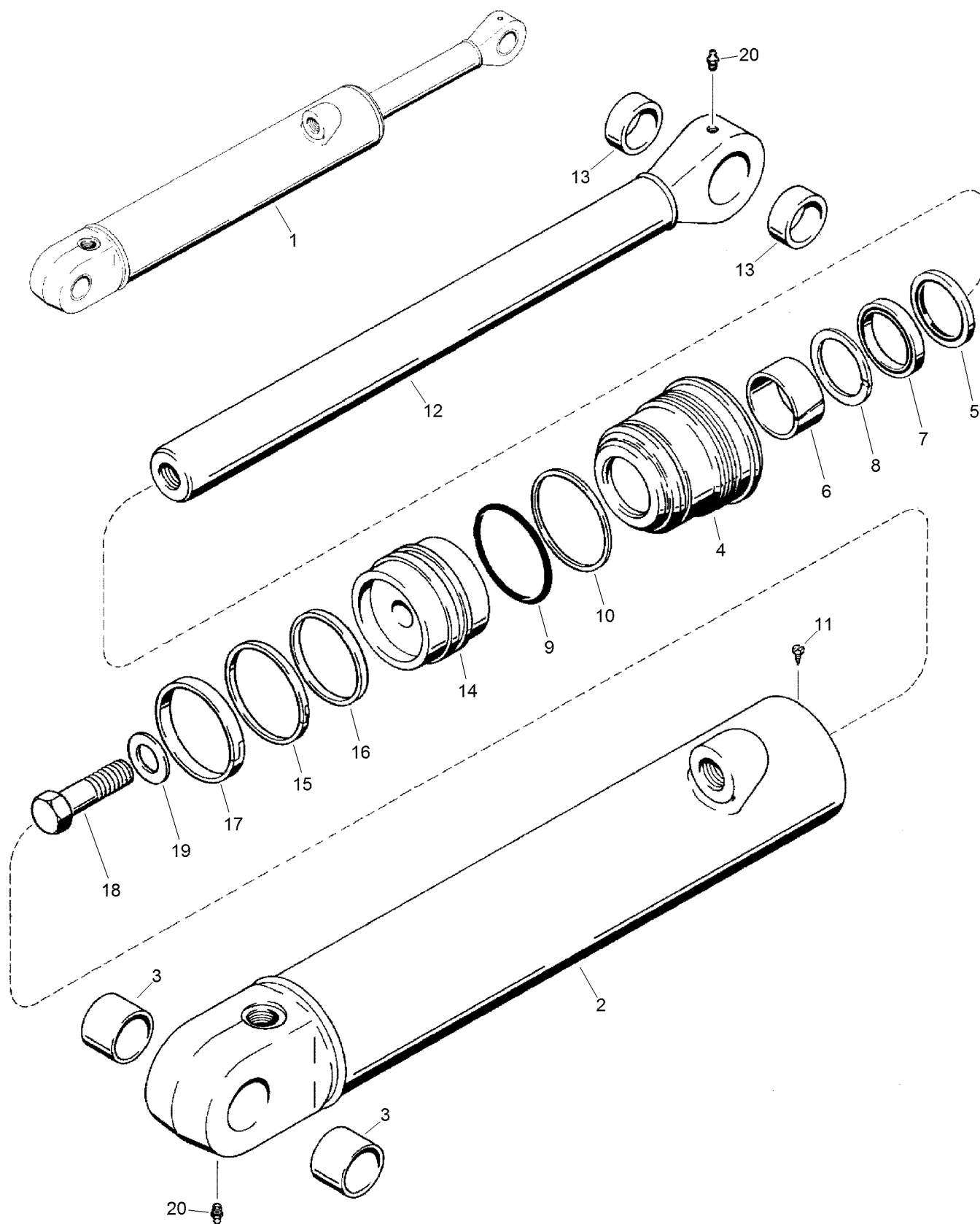
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	AU305352A1	1	HYD Cylinder ASM ●	8	AU238-5231	1	O-Ring ▲
	AU1346451C1	1	Tube ASM-Cylinder ●	9	AUG109298	1	Ring-Backup ▲
1		1	Tube-Cylinder ■	10	AU276-2446	1	Screw
2	AUD30930	2	Bushing		AU305353A1	1	Rod ASM-Piston, 38 Mm (1-1/2 Inch) Diameter ●
		1	Gland ASM-Cylinder, Has Identification Groove On Outer Lip. ●■	11		1	Rod-Piston, 38 Mm Diameter ■
3	AU1346417C1	1	Gland	12	AUD30930	2	Bushing
4	AUD95142	1	Wiper-Rod ▲	13	AU305356A1	1	Piston
5	AUG102424	1	Bearing-Rod ▲	14	AUG100449	1	Ring-Wear ▲
	AU1542874C1	1	Kit-Seal, Nss, Order 1543256C1 Kit, See Below ●▲	15	AUG102288	1	Seal-Piston ▲
6	AU1542997C1	1	Seal-Rod, Nss, Order 1543256C1 Kit, See Below ▲	16	AUG100444	1	Ring-Loader ▲
7	AU1542996C1	1	Seal-Buffer, Nss, Order 1543256C1 Kit, See Below ▲	17	AUG32317	1	Washer
				18	AU28-1440	1	Bolt
				19	AU219-1	2	Fitting-Lube 1/8-27 Dryseal Ptf
					AU1543256C1	1	Seal Kit ●▲

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Backhoe Dipper Cylinder HD125 Backhoe



Backhoe Dipper Cylinder HD125 Backhoe (continued)

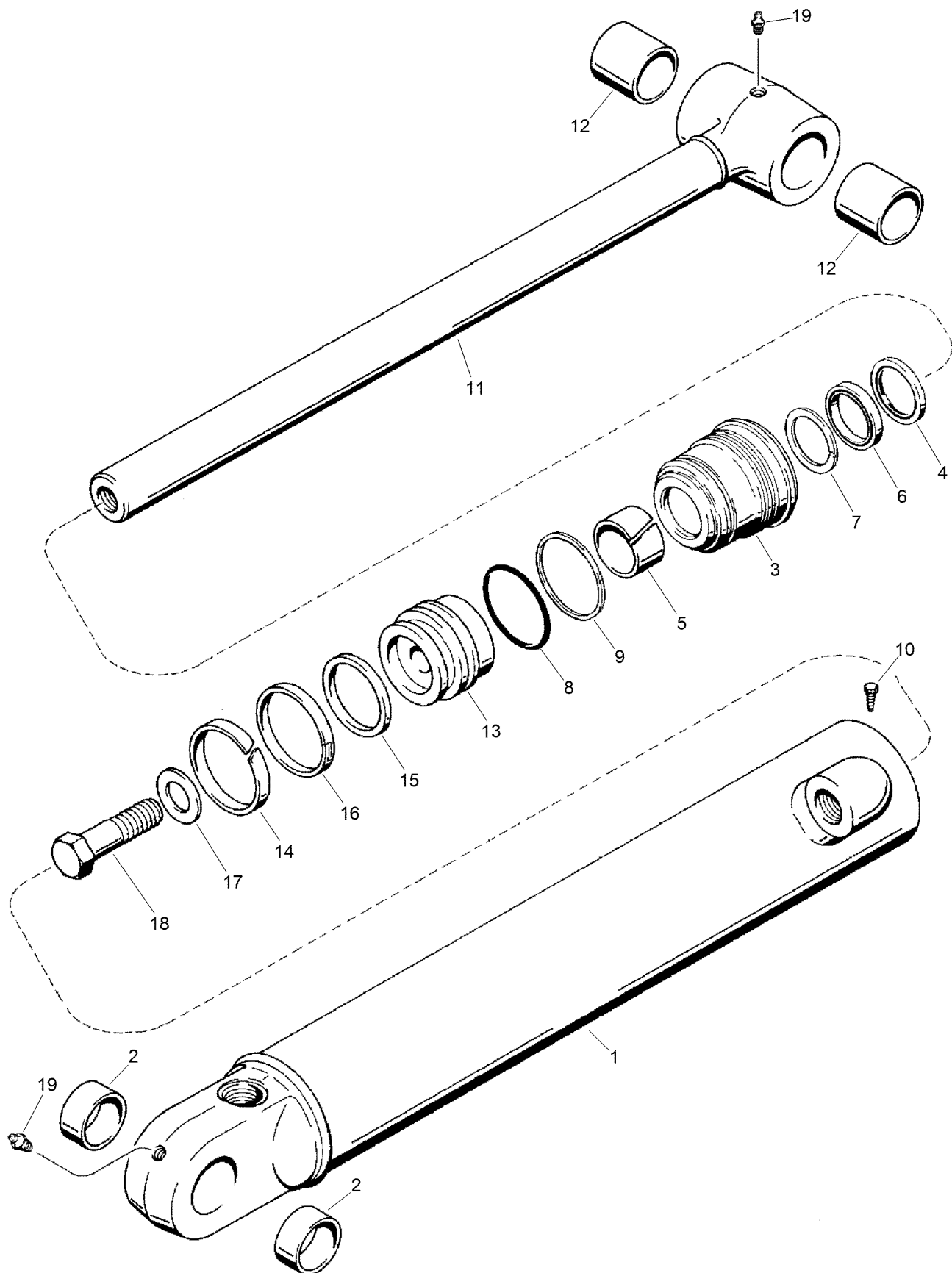
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU1346411C3	1	Cylinder-76 (3) ID X 498 Mm (19-5/8 Inch) Stroke, Dipper	11	AU276-2446	1	Screw
2	AU1346412C1	1	Tube ASM-Cylinder	12	AU1346414C3	1	Rod ASM-Piston, 38 Mm (1-1/2 Inch) Diameter
3	AUR10754	2	Bushing-Cylinder Tube	13	AU30634	1	Bushing
	AU1346429C1	1	Gland ASM-Cylinder ●	14	AU1543369C1	1	Piston-Cylinder
4		1	Gland-Cylinder ■	15	AUG102288	1	Seal-Piston ▲
5	AUD95142	1	Wiper-Rod ▲	16	AUG100444	1	Ring-Loader ▲
6	AUG102424	1	Bearing-Rod ▲	17	AUG100449	1	Ring-Wear ▲
7	AUG107921	1	Seal-U-Cup, Piston Rod, Wide, With O-Ring ▲	18	AU25974R1	1	Bolt-Hex, 1 Nf X 2-1/2 Inch, Grade 8
7	AUG100776	1	Seal-U-Cup, Piston Rod, Service Option-Severe Heat Or Cold	19	AUG32303	1	Washer-Flat, Special, Hardened
8	AUG109093	1	Seal-Piston Rod, Narrow, Grooved ▲	20	AU219-1	1	Fitting-Lube 1/8-27 Dryseal Ptf
9	AU238-5231	1	O-Ring ▲		AUG110050	1	Kit-Seal, Cylinder Repair, Includes All Items With An Asterisk ●▲
10	AUG109298	1	Ring-Backup ▲				

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Backhoe Bucket Cylinder HD125 Backhoe



Backhoe Bucket Cylinder HD125 Backhoe (continued)

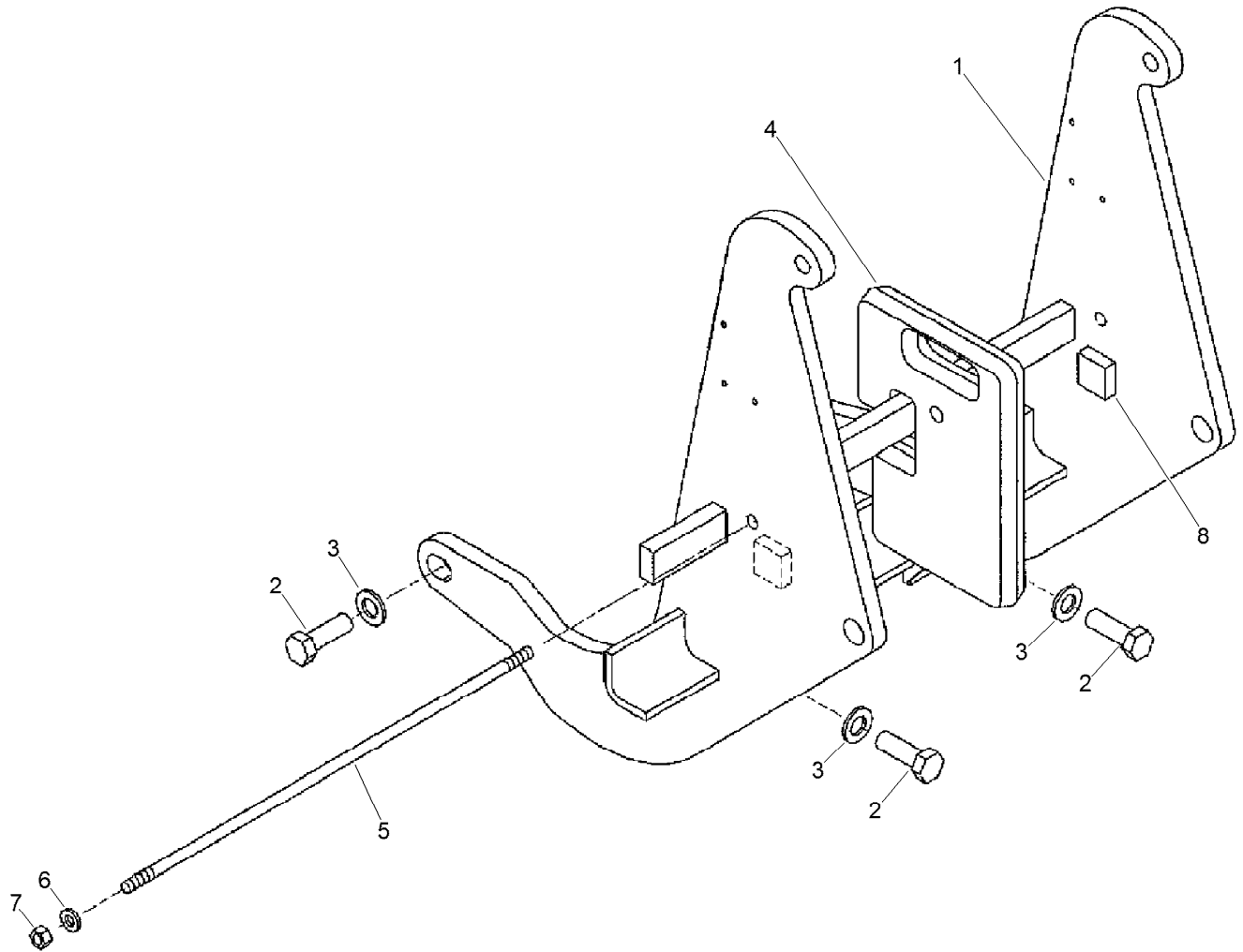
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU402216A1	1	HYD Cylinder ASM (Bucket)		AU431590A1	1	Shaft ASM ●
			●	11		1	Rod-Piston ■
	AU431589A1	1	Tube ASM-Cylinder ●	12	AUD31141	2	Bushing
1		1	Tube-Cylinder ■	13	AU431591A1	1	Piston
2	AU30634	2	Bushing	14	AU431602A1	1	Ring-Wear ▲
3	AU431592A1	1	Head	15	AU431604A1	1	Expander ▲
4	AU431607A1	1	Wiper ▲	16	AU431605A1	1	Seal-Piston ▲
5	AU431597A1	1	Ring-Wear ▲	17	AU431594A1	1	Washer-Flat
6	AU431595A1	1	Cup-U ▲	18	AU431593A1	1	Bolt-Hex
7	AU431598A1	1	Seal-Buffer ▲	19	AU219-1	2	Fitting-Lube 1/8-27 Dryseal Ptf
8	AU431606A1	1	O-Ring ▲		AU433774A1	1	Seal Kit ● ▲
9	AU431596A1	1	Ring-Back-Up ▲				
10	AU431600A1	1	Screw-Self-Tapping, Hex Head				

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

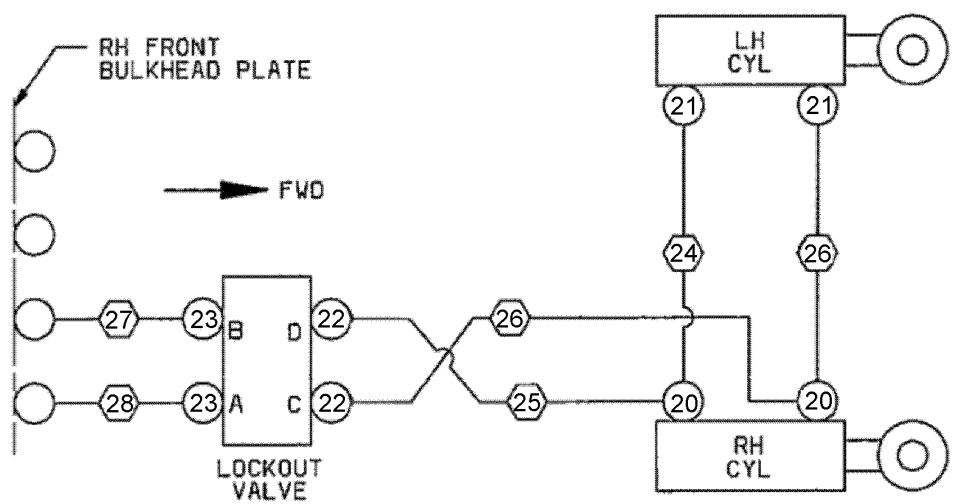
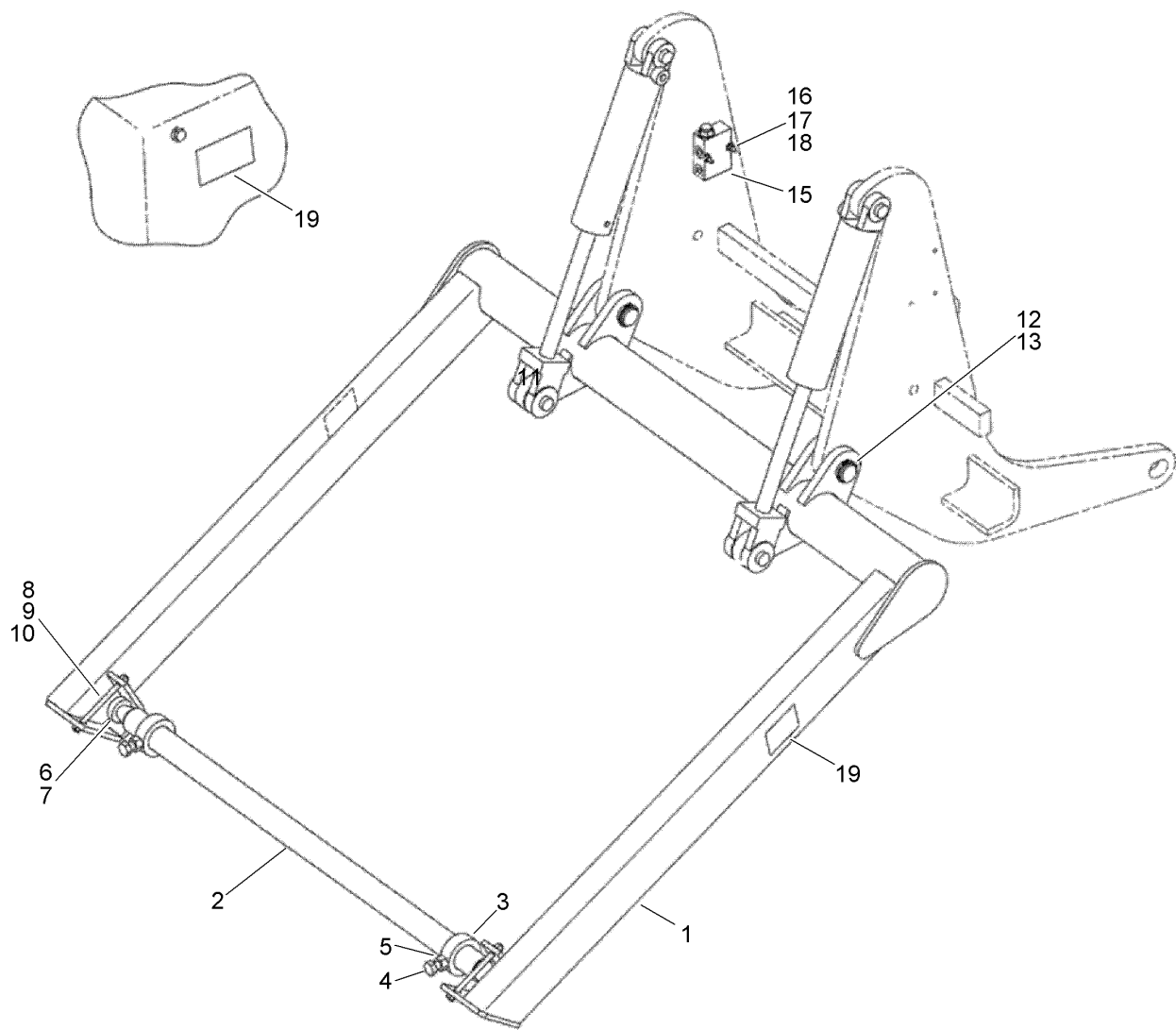
Front Counterweights



Front Counterweights (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	AU113154A1	1	ASM-Frame - Mounting (Also Used To Mount Counter Weights On Models So Equipped.)	4	AU109364A1	13	Counterweight-60Lb
2	AU426-2056	4	Bolt	5	AUH379339	1	Rod-Counterweight Retaining
3	AUH426858	4	Washer	6	AU495-11066	2	Washer-Flat
				7	AU232-41110	2	Nut-Lock, Hex
				8	AUD79692	2	Pad-Strut, Safety

Reel Carrier - 1000 LB



HYDRAULIC
SCHEMATIC

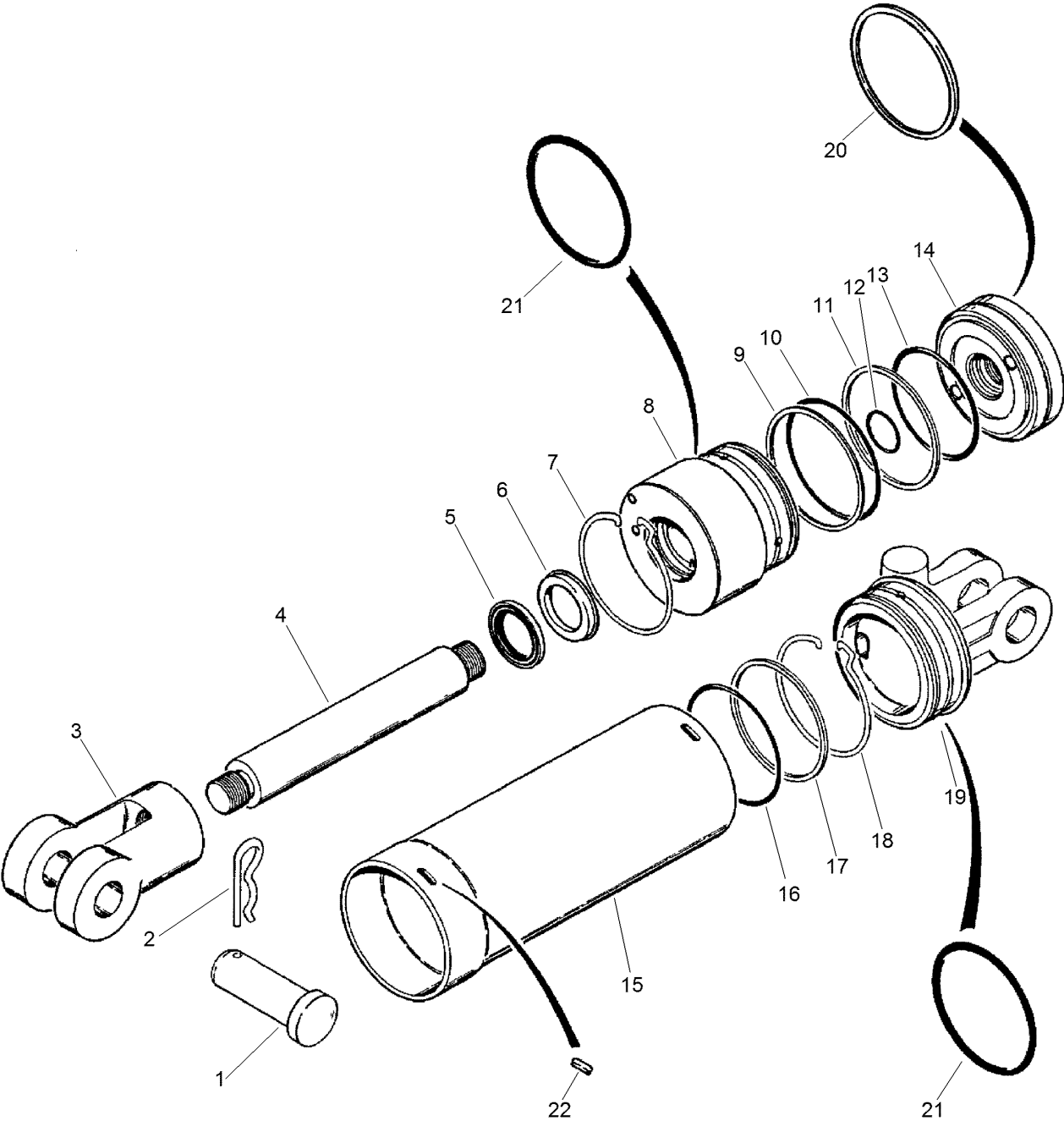
LEGEND:
○ FITTING
⬡ HOSE

Reel Carrier - 1000 LB (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>
	AUH939216	1	Reel Carrier-1000 Lb ●	15	AUH672547	1	HYD Lockout Valve ASM
	AUH673990	1	ASM-Reel Carrier, 1000 Lb ●	16	AU426-448	2	Bolt-Hex, 1/4 NC X 3 Inch GR5
1	AUH673992	1	Frame-Reel Carrier	17	AUH426767	2	Washer-Flat
2	AUH673993	2	Shaft-Reel Carrier	18	AU232-4114	2	Nut-Prev Trq 1/4 Grc Phc Direct
3	AUH342519	2	Collar-Reel Carrier Shaft	19	AU190334A1	2	Decal-Lift Rating (1000 Lbs)
4	AU426-1024	2	Bolt-Hex Hd 5/8 X 1-1/2 GR5 Znd	20	AU218-5243	2	Fitting-Tee
5	AU425-1410	2	Nut-Hex, Jam	21	AU218-5057	2	Connector-Str Thd 3/8, 37FI-ORB 3/8
6	AU537290R91	2	Bearing-Ball, Reel Carrier Shaft	22	AU218-5128	2	Elbow-90 Adj 37FI, 3/8 X 1/2 Tube
7	AUA33531	2	Ring-3/4, Bearing Retaining	23	AU218-5148	2	Elbow-8Mo X 6Mj 45 Deg Adapter
8	AU426-684	2	Bolt-Hex Hd, 3/8 NC X 5-1/4 Inch GR5	24	AUH438080	1	Hose-Hydraulic
9	AU496-21041	2	Washer-Flat	25	AUH438085	1	Hose-Hydraulic
10	AU232-4116	2	Nut-Hex	26	AUH438086	2	Hose-Hydraulic
11	AU101645A1	2	Cylinder-64 (2-1/2) ID X 203 Mm (8 Inch) Stroke, Lift	27	AU117279A1	1	Hose-Hydraulic
12	AUH434262	2	Pin	28	AU117280A1	1	Hose-Hydraulic
13	AUD25279	4	Ring				
14	AU113154A1	1	ASM-Frame - Mounting (Also Used To Mount Counter Weights On Models So Equipped.) ●				

● Not illustrated

Reel Carrier Lift Cylinder Assembly



Reel Carrier Lift Cylinder Assembly (continued)

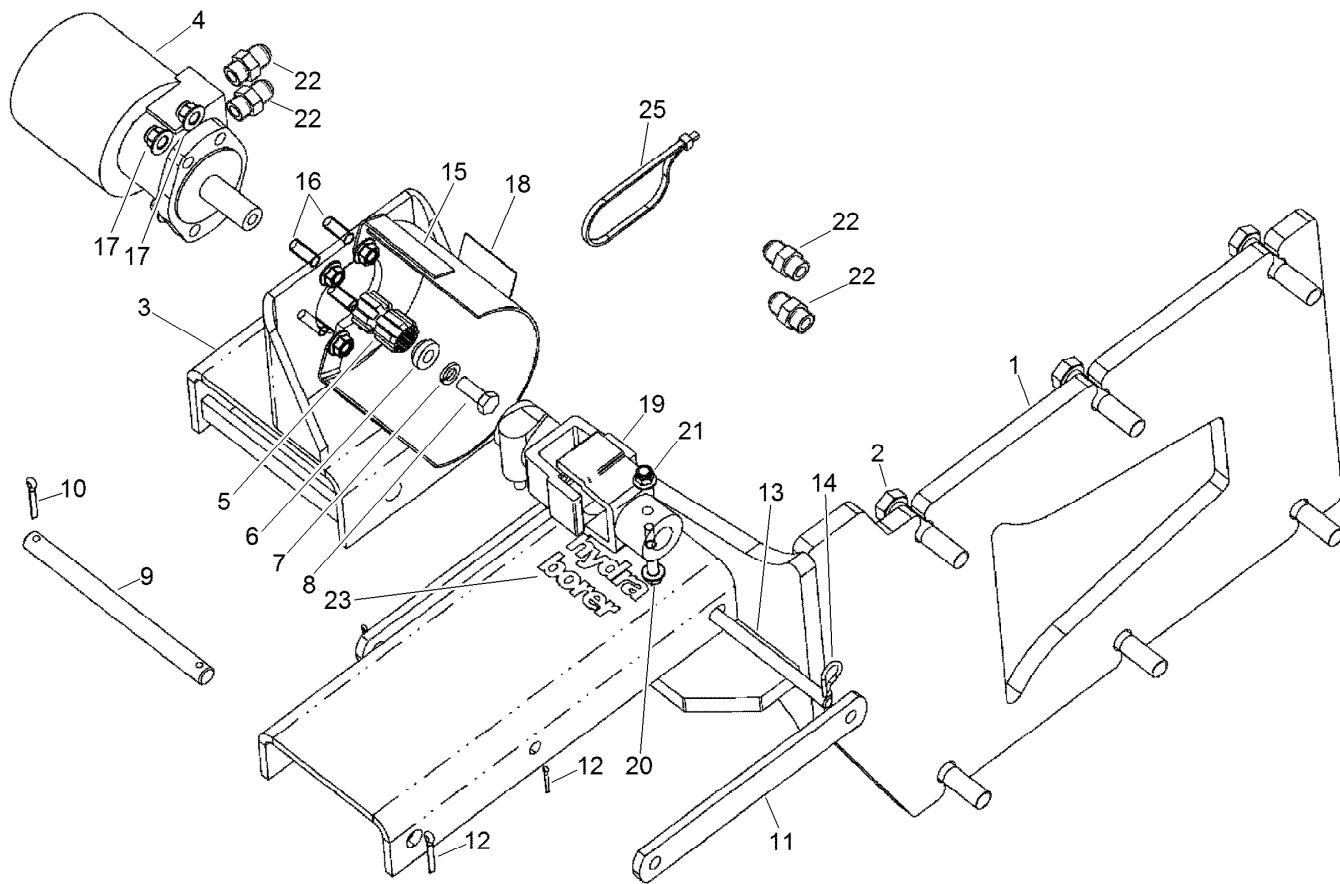
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU101645A1	1	Cylinder-64 (2-1/2) ID X 203 Mm (8 Inch) Stroke, Lift ●	13		1	O-Ring-Piston ▲■
1	AU102910A1	2	Pin-Upset Clevis	14	AU102905A1	1	Piston-Cylinder
2	AU1978738C1	2	Pin-Cotter, Quick Attach	15	AU102906A1	1	Tube-Cylinder
3	AU102908A1	1	End-Piston Rod	16		1	O-Ring-Cylinder Tube ▲■
4	AU102907A1	1	Rod-Piston	17		1	Ring-Backup, Cylinder Tube O-Ring ▲■
5		1	Wiper-Piston Rod ▲■	18		1	Ring-Locking ▲■
6		1	Seal-U-Cup, Piston Rod ▲■	19	AU102904A1	1	Head-Cylinder
7		1	Ring-Locking ▲■	20		1	Ring-Wear, Piston ▲■
8	AU102909A1	1	Gland-Cylinder	21		2	O-Ring-Tube To Gland And Head ▲■
9		1	Ring-Backup, Gland O-Ring ▲■	22		2	Cover-Slot, Locking Ring ▲■
10		1	O-Ring-Gland ▲■		AUH673838	1	Kit-Cylinder Seal Repair (Includes Items Noted Above) ●▲
11		1	Seal-Piston, Outer ▲■				
12		1	O-Ring-Piston Rod ▲■				

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Hydra-Borer Assembly Heavy Duty/Direct Drive Centerline Trencher



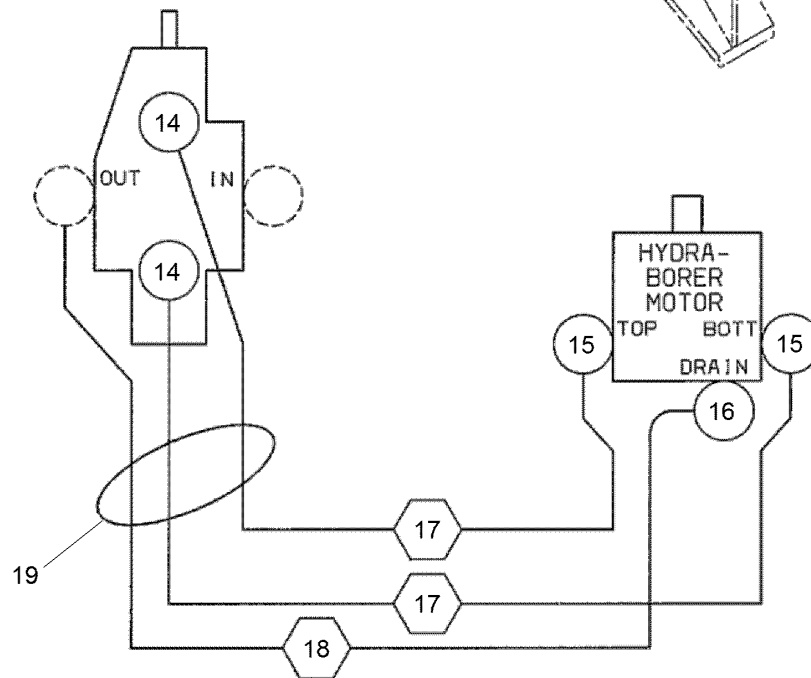
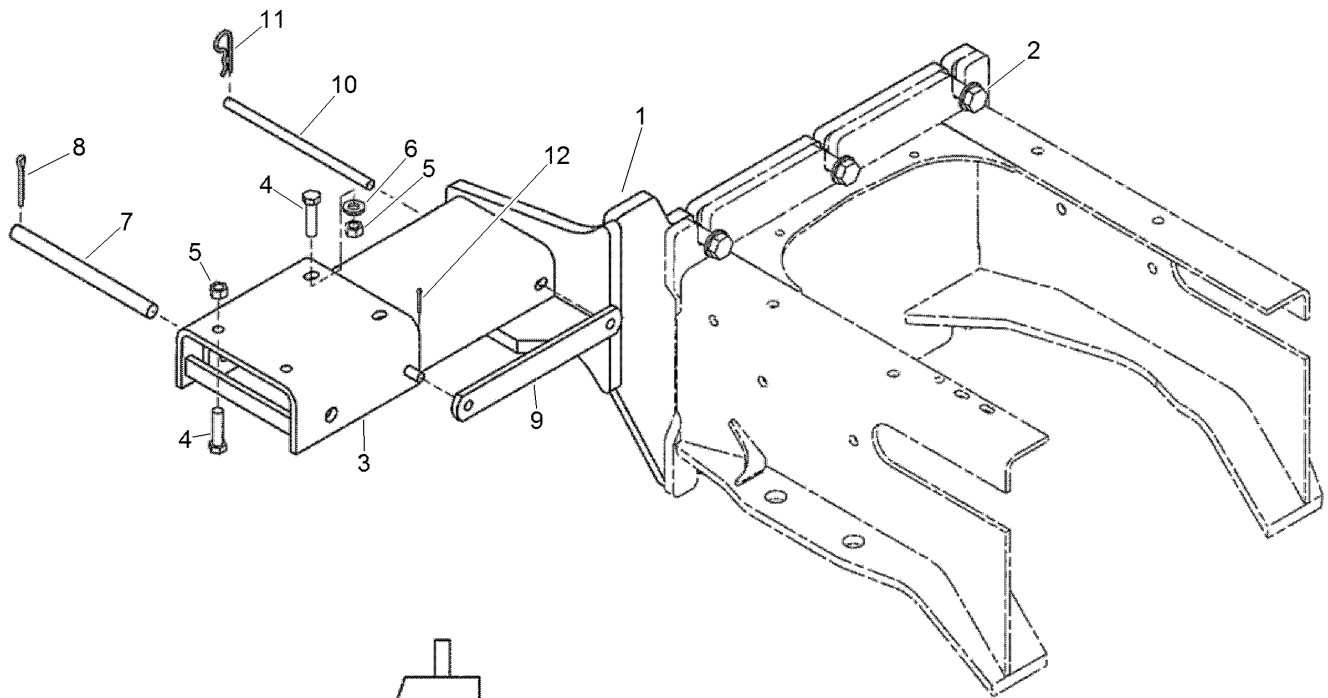
Hydra-Borer Assembly

Heavy Duty/Direct Drive Centerline Trencher (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>
	AU122135	1	ASM-Hydra-Borer ●	13	AUH175414	1	Pin-Pivot
1	AU229183A1	1	Weldment-Frame, Mounting	14	AUH32292	2	Pin-Hair
2	AU426-1256	6	Screw-HH	15	AUH645838	1	Weldment-Shield, Hydra-Borer Shaft
3	AU122136	1	Weldment-Hydra-Borer Mount	16	AU100348	4	Screw-HHF
4	AUH673156	1	HYD Motor ASM	17	AU100528	4	Nut-HHF, Lock
5	AUH312314	1	Adapter	18	AU283607A2	1	Decal-Entanglement
6	AUH435886	1	Retainer-Adapter	19	AUH511113	1	U-Joint ASM
7	AU492-11050	1	Washer-Spring Lock Reg 1/2 Znd	20	AU100336	1	Screw-HHF
8	AU414-820	1	Bolt-Hex Hd, 0.500 Unf X 1.25 GR5 Znd	21	AU100527	1	Nut-Flange, Nylock
9	AUH434278	1	Pin-Pivot	22	AU218-5062	4	Connector-Str Thd 5/8, 37FI-ORB 5/8
10	AU432-1624	2	Pin-Cotter, 0.25 X 1.50 In Zn	23	AU103192	1	Decal-Model Name
11	AUH434194	2	Link-Hydra-Borer Support	24	AUD20358	2	Hose-Hydraulic ●
12	AU432-816	2	Pin-Cotter	25	AUL18331	2	Strap-Tie

● Not illustrated

Hydra-Borer Attach Kit Heavy Duty/Direct Drive Centerline Trencher



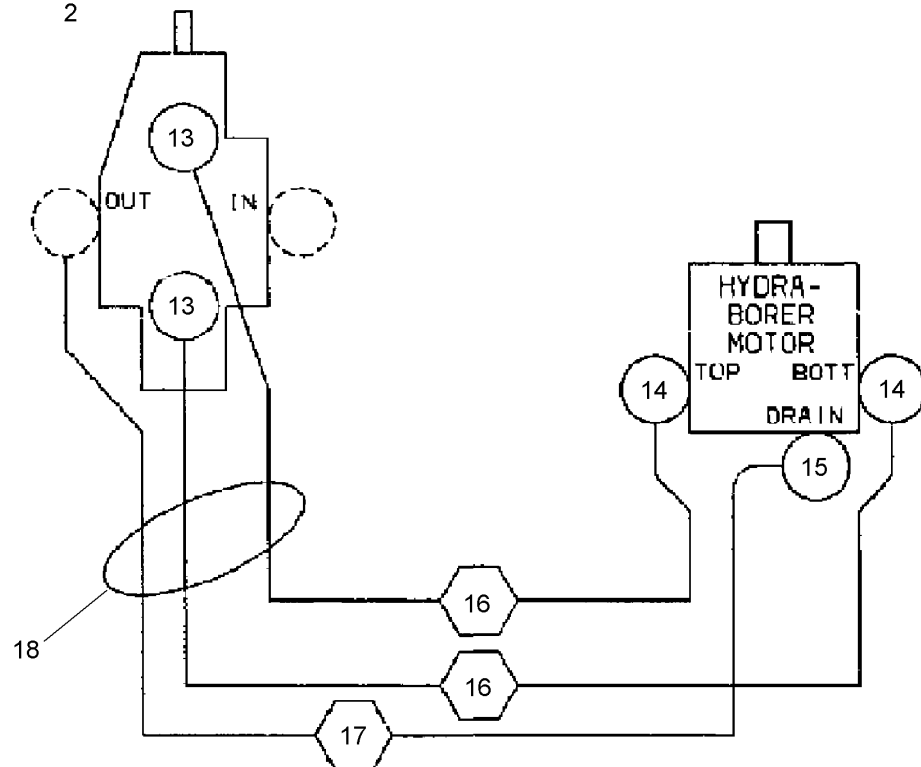
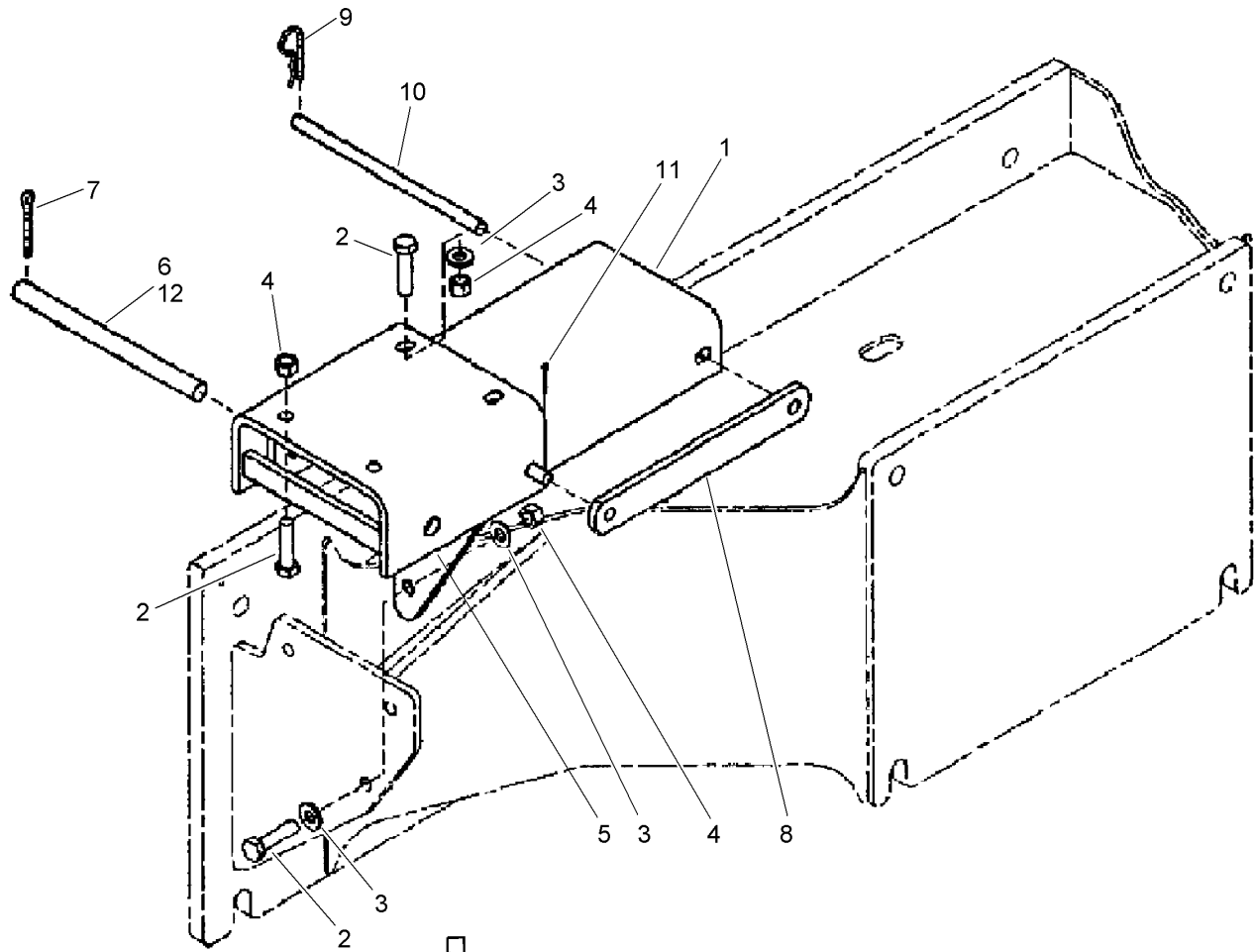
Hydra-Borer Attach Kit

Heavy Duty/Direct Drive Centerline Trencher (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>
	AU235008A1	1	Attach Kit-Hydra-Borer ●	12	AU432-816	2	Pin-Cotter
1	AU229183A1	1	Weldment-Frame, Mounting	13	AU495-11081	2	Washer-Flat ●
2	AU426-1256	6	Screw-HH	14	AU218-5062	2	Connector-Str Thd 5/8, 37FI-ORB 5/8
3	AUH672537	1	Weldment-Hydra-Borer Mount	15	AU218-5107	2	Elbow-90 Adj 37FI 5/8 Tube
4	AU426-832	4	Bolt	16	AU218-483	1	Elbow-90 Deg
5	AU232-4118	4	Nut-Hex	17	AUD20358	2	Hose-Hydraulic
6	AUH274894	2	Washer	18	AUH438496	1	ASM-Hose, Tilt
7	AUH434278	1	Pin-Pivot	20	AUH434251	2	Decal-Hydra-Borer Control ●
8	AU432-1624	2	Pin-Cotter, 0.25 X 1.50 In Zn	19	AUL18331	1	Strap-Tie
9	AUH434194	2	Link-Hydra-Borer Support	21	AU131784A1	1	Angle-Deflector Mounting ●
10	AUH175414	1	Pin-Pivot	22	AU7-51760	1	Instructions-Installation ●
11	AUH32292	2	Pin-Hair				

● Not illustrated

Hydra-Borer Attach Kit Direct Drive Offset Trencher



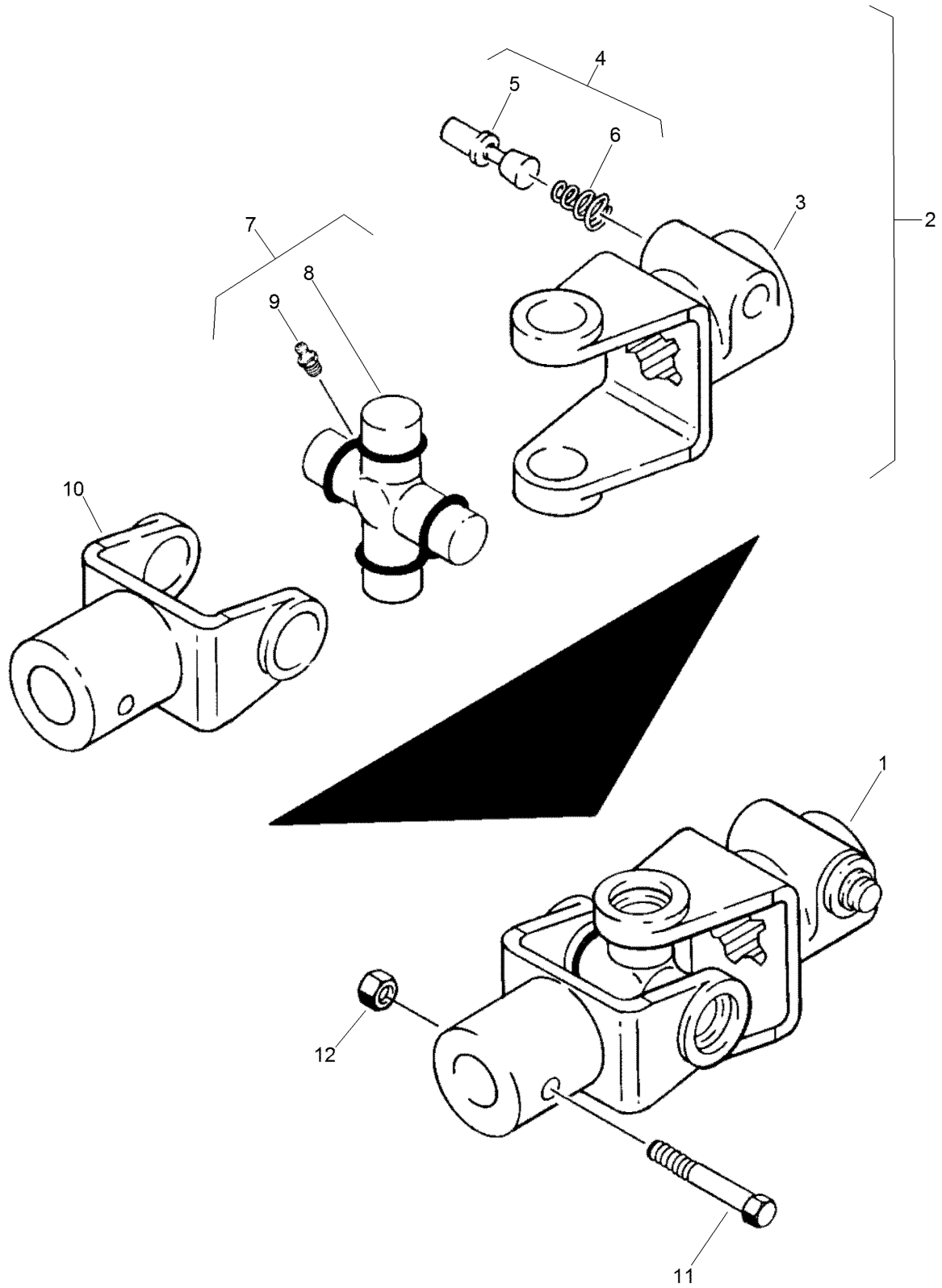
Hydra-Borer Attach Kit

Direct Drive Offset Trencher (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>
	AUH939320	1	Attach Kit-Hydra-Borer ●	11	AU432-816	2	Pin-Cotter
1	AU138645A1	1	Weldment-Frame, Mounting	12	AU495-11081	2	Washer-Flat
2	AU426-832	7	Bolt	13	AU218-5062	2	Connector-Str Thd 5/8, 37FI-ORB 5/8
3	AU496-21053	8	Washer-Flat	14	AU218-5107	2	Elbow-90 Adj 37FI 5/8 Tube
4	AU232-4118	7	Nut-Hex	15	AU218-483	1	Elbow-90 Deg
5	AUH672537	1	Weldment-Hydra-Borer Mount	16	AUD20358	2	Hose-Hydraulic
6	AUH434278	1	Pin-Pivot	17	AUH438496	1	ASM-Hose, Tilt
7	AU432-1624	2	Pin-Cotter, 0.25 X 1.50 In Zn	18	AUL18331	2	Strap-Tie
8	AUH434194	2	Link-Hydra-Borer Support	19	AUH434251	1	Decal-Hydra-Borer Control ●
9	AUH175414	1	Pin-Pivot	20	AU131784A1	1	Angle-Deflector Mounting ●
10	AUH32292	2	Pin-Hair	21	AU7-47363	1	Instructions-Installation ●

● Not illustrated

Hydra-Borer Attachment Universal Joint

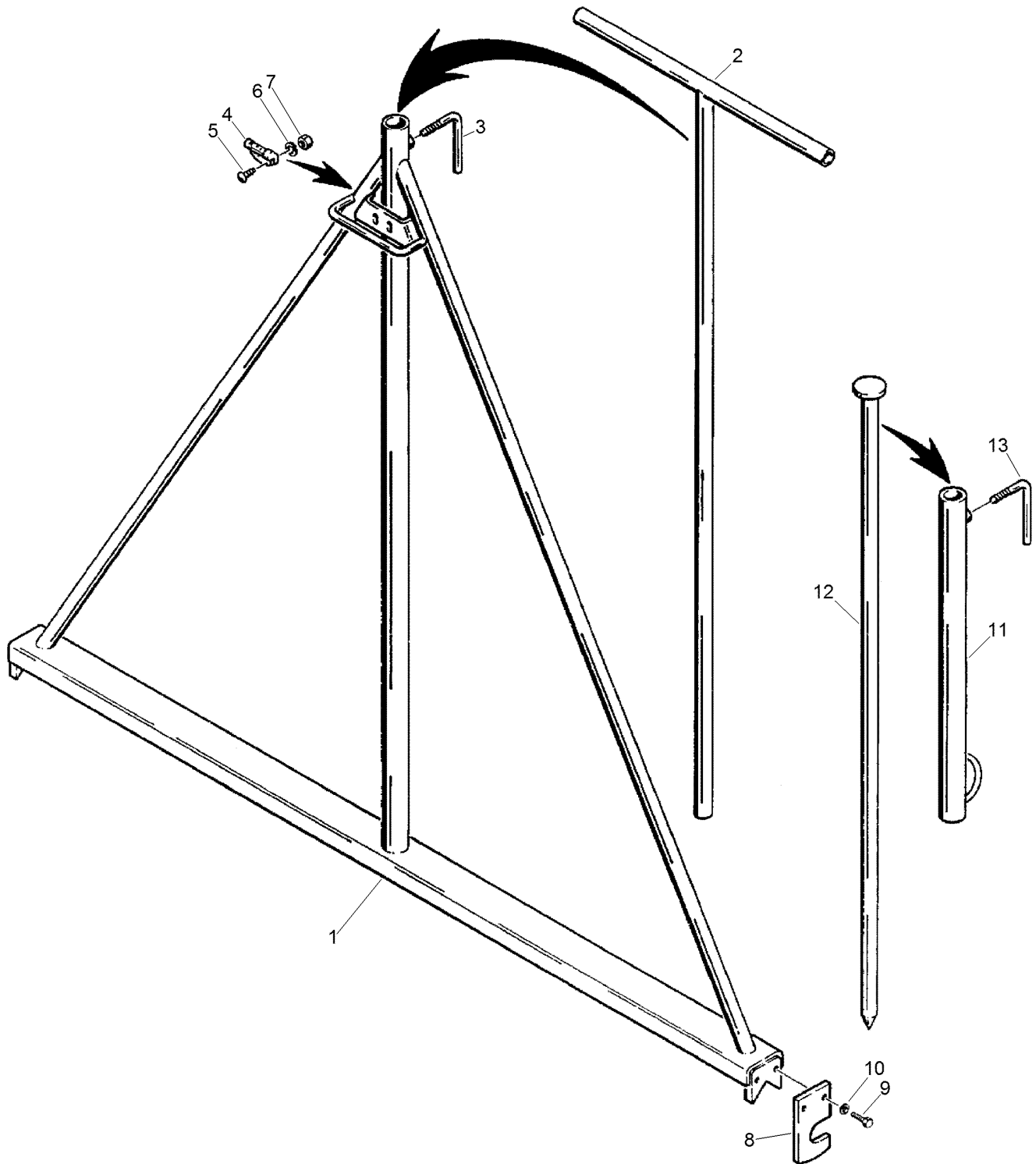


Hydra-Borer Attachment Universal Joint (continued)

<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	AUH511113	1	U-Joint ASM	7	AUH71167	1	Cross ASM-Universal Joint
2	AUH71142	1	Yoke ASM-Splined, Mounts To Gearbox	8		1	Cross-U-Joint ●
3		1	Yoke-Splined, Mounts To Gearbox ●	9	AU219-11	1	Fitting-Grease, Straight, 1/4-28 Taper X 15/16 Inch
4	AUH658179	1	Kit-Universal Joint Retaining	10	AUH71159	1	Yoke-Boring Attachments
5		1	Pin-Retaining ●	11	AU424-640	1	Bolt-Hex, 3/8 NC X 2-1/2 Inch, Grade 2
6		1	Spring-Special ●	12	AU230-4216	1	Nut

● Not serviced separately

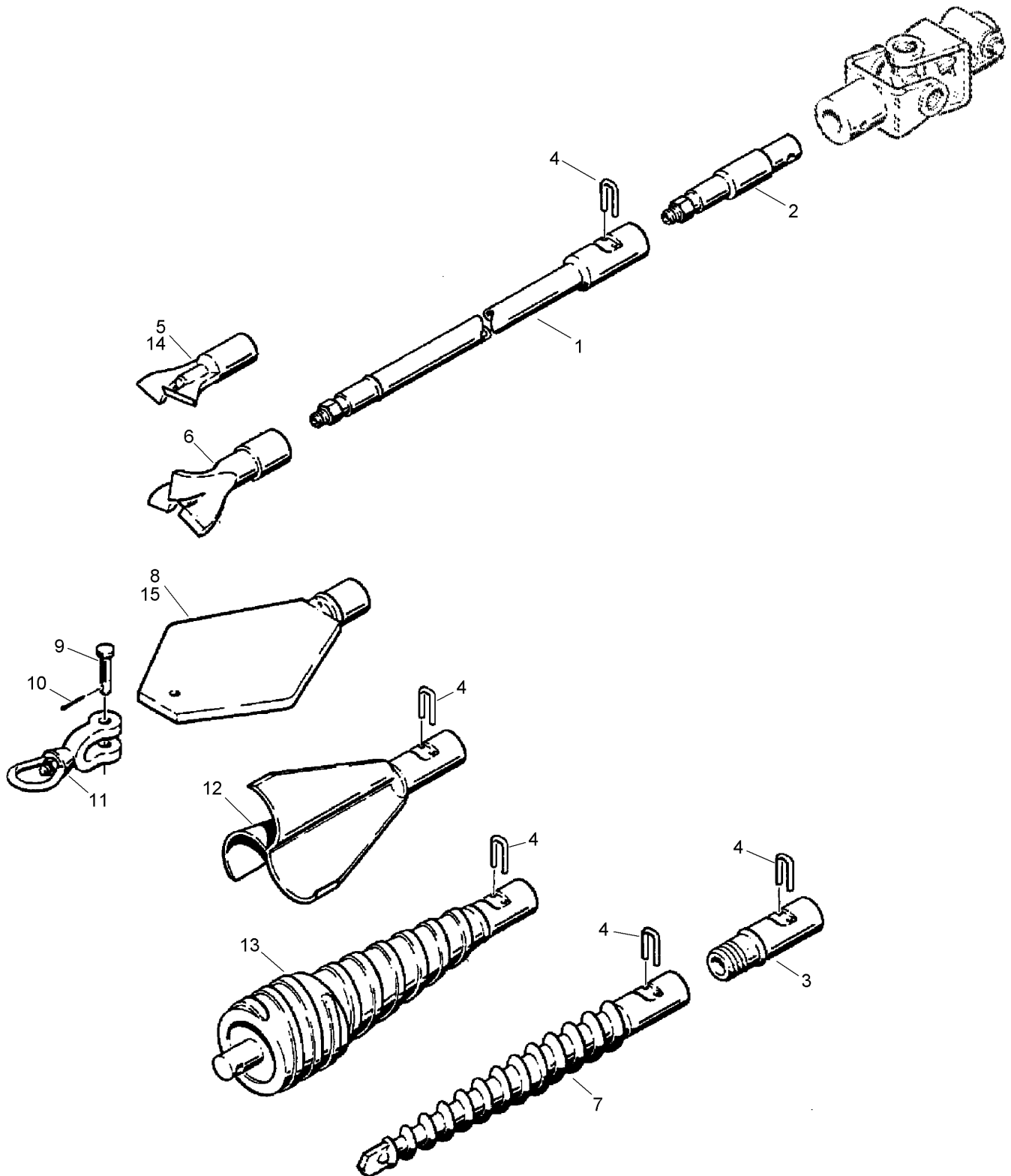
Hydra-Borer Drill Stem Level Frame



Hydra-Borer Drill Stem Level Frame (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	AUH521377	1	Frame-Drill Stem Level	10	AU492-11031	4	Washer-Lock, 5/16 Inch
2	AUH521385	1	Handle-Frame	11	AUH511139	2	Tube-Guide Anchor (Components Of 185583A1 Hydra-Borer Basic Application Kit)
3	AUH71472	1	Lock-Handle Adjustment				
4	AUH346015	1	Level-Frame	12	AUH511121	2	Shaft-Guide Anchor (Components Of 185583A1 Hydra-Borer Basic Application Kit)
5	AU182-8	2	Screw-Machine, Pan Head Slotted, No. 4 NC X 5/8 Inch				
6	AU492-11004	2	Washer-Lock, No. 4	13	AUH71472	2	Lock-Handle Adjustment
7	AU225-14104	2	Nut-Hex, No. 4 NC				
8	AUH92544	2	Guide-Drill Stem				
9	AU426-516	4	Screw-HH				

Hydra-Borer Start-Up Kit



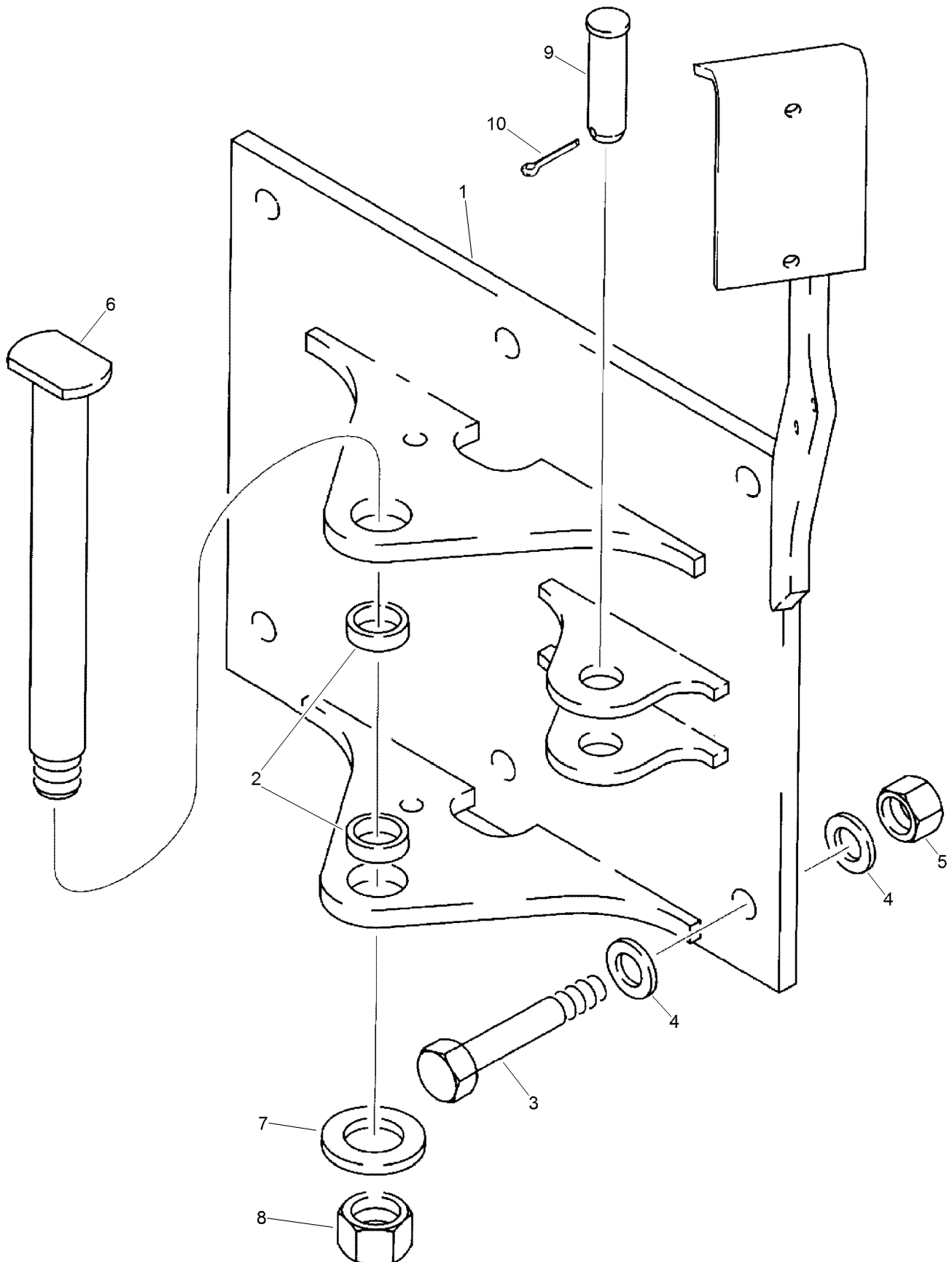
Hydra-Borer Start-Up Kit (continued)

<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>
	AU108128	1	Kit - Hydra-Borer Start-Up ●	8	AUH528497	1	Reamer-Fish Plate, 8 Inch ■
1	AUH672562	5	Stem-Drill, Quick Lock, 10 Ft Drill	9	AUH32284	1	Pin-Clevis, 3/8 X 1-3/4 Inch Long, Special ■
2	AUH646901	1	Adapter-Quick Lock Male	10	AU432-816	1	Pin-Cotter ■
3	AUH522375	2	Coupler-1 In Npt To Female	11	AUH88195	1	Swivel-Reamer ■
4	AUH94961	10	Clip-Retainer	12	AUH522441	1	Backreamer-Quick Lock Female, 8 Inch ■
5	AUH518837	1	Bit-Drill, Two Blade, 2 In Blade Dia X 1 In Female Pt	12	AUH522466	1	Backreamer-Quick Lock Female, 12 Inch ●■
6	AUH519249	1	Bit-Drill, Three Blade, 3 In Blade Dia X 1 In Female Pt	13	AUH522409	1	Reamer-Compaction, Quick Lock Female, 3-3/4 Inch ■
7	AUM505105	1	Mole-2 In Clip Type	14	AUH518910	1	Bit-Drill, Two Blade, 3 In Blade Dia X 1 In Female Pt ■
8	AUH519504	1	Reamer-Fish Plate, 4 Inch ●■	15	AUH672563	1	Stem-Drill, Quick Lock, 5 Ft Drill ■
8	AUH519652	1	Reamer-Fish Plate, 6 Inch ●■				

● Not illustrated

■ Optional Equipment

Plow Mounting Bracket P75 Plow

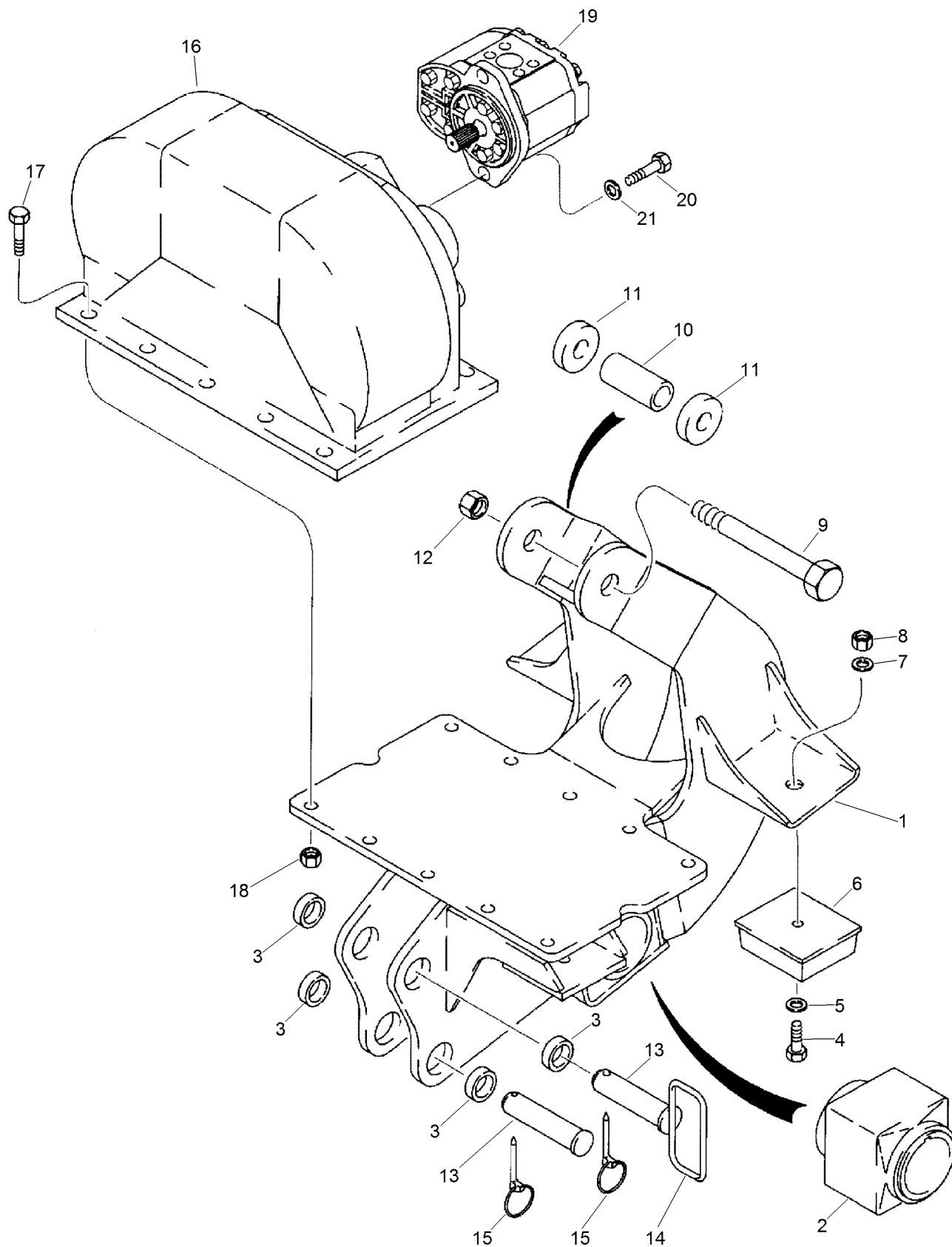


Plow Mounting Bracket P75 Plow (continued)

<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	AU120714A1	1	Bracket-Mounting, Plow To Basic Machine	7	AU495-81293	2	Washer-Flat, 1-17/32 X 2-1/16 X 1/8 Inch
2	AUD33127	2	Bushing-Pivot Plate	8	AU232-41120	1	Nut-Hex
3	AU426-1240	6	Bolt	9	AU427-16350	1	Pin-Clevis, 1 X 3-1/2 Inch, Hardened
4	AUD34666	12	Washer-Flat, Special, 3/4 Inch	10	AU432-1028	1	Pin-Cotter, 5/32 X 1-3/4 Inch
5	AU232-41112	6	Nut-Prev Trq 3/4 Grc Cad Direct	11	AU127447A1	1	Decal-Plow Control Pattern, Lift/Swing ●
6	AU120727A1	1	Pin-Pivot, Plow				

● Not illustrated

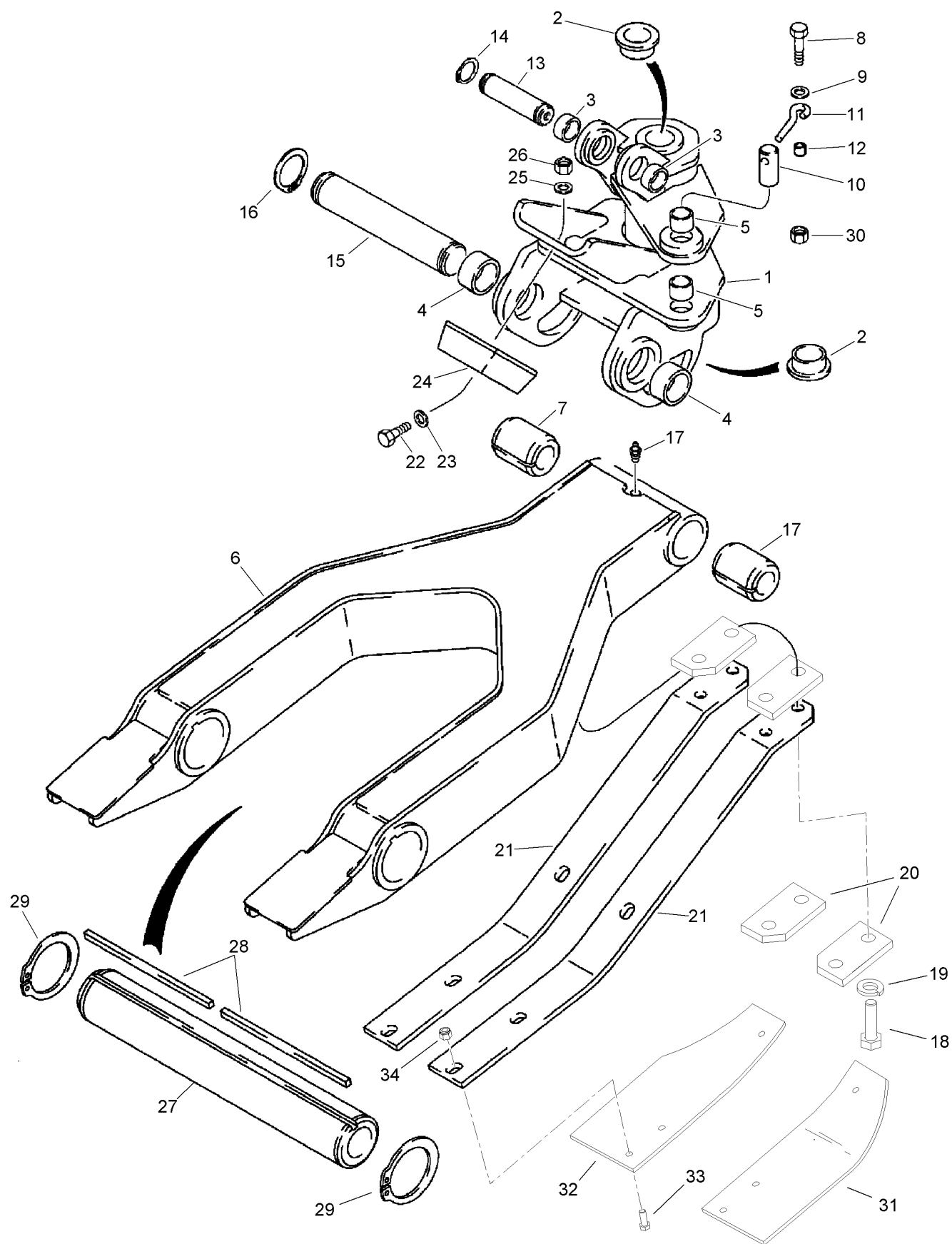
Plow Motor, Gearbox, and Blade Mounting



Plow Motor, Gearbox, and Blade Mounting (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	AU133628A1	1	Frame-Plow Gearbox Mounting	11	AU139015A1	2	Bushing-Cylinder Mounting
2	AUH230862	2	Joint-Center, Bonded Rubber	12	AU232-41116	1	Nut-Hex
3	AUH131102	4	Bushing-Plow Frame	13	AUH79293	1	Pin-Clevis, 1-1/8 X 4-7/8 Inch Long
4	AU426-620	5	Bolt	14	AUH531830	1	Pin-With Handle, 28 X 114 Mm, Plow Blade
5	AU496-21041	4	Washer-Flat	15	AUA30338	2	Pin-Klik
6	AUD90990	4	Bumper	16	AUH563619	1	Box-Shaker
7	AU496-21041	4	Washer-Flat	17	AU426-832	10	Bolt
8	AU232-4116	4	Nut-Hex	18	AU232-4118	10	Nut-Hex
9	AU426-16112	1	Bolt-Hex, 1 NC X 7 Inch	19	AU133530A1	1	Motor ASM-Plow
10	AUD90422	1	Spacer-Bushing, 38 Mm OD X 87 Mm Long	20	AU426-824	2	Screw-HH
				21	AUH274894	2	Washer

Plow Swing Tower, Lower Link, and Skid Shoes P75 Plow

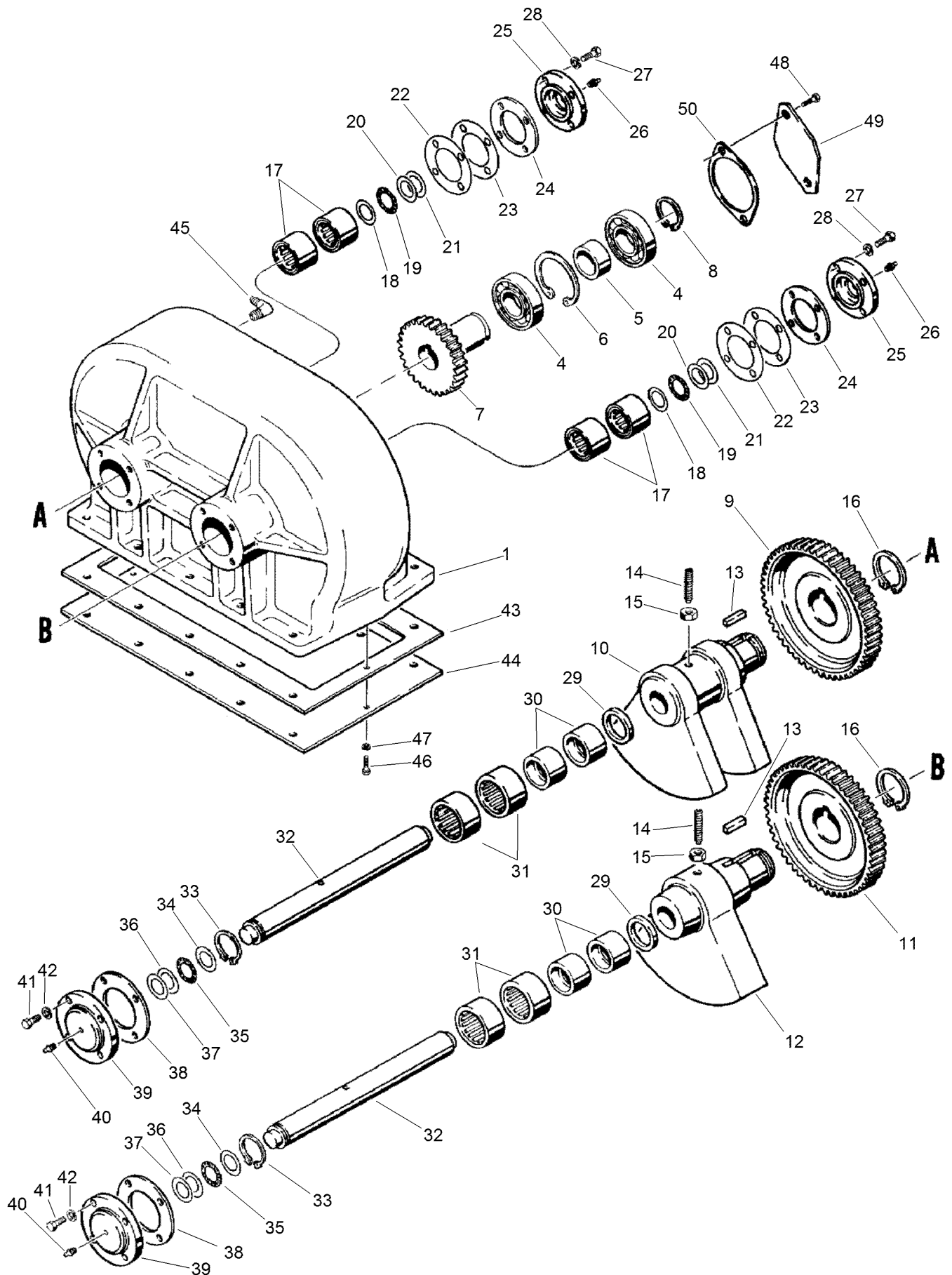


Plow Swing Tower, Lower Link, and Skid Shoes

P75 Plow (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	AU120718A1	1	Tower-Plow Swing	18	AU426-828	4	Bolt-Hex Hd 1/2 X 1-3/4 GR5 Znd
2	AUH433624	2	Bushing-Pivot, Bucket	19	AU492-11050	4	Washer-Spring Lock Reg 1/2 Znd
3	AUD36333	2	Bushing-Plow Swing Tower, Upper Pivot	20	AU367436A1	4	Plate-Skid Shoe Support
4	AUD33024	2	Bushing-25 Mm (1 Inch) Long, Plow Swing Tower, Lower Pivot	21	AU127336A1	2	Shoe-Skid, Plow
5	AUD51608	2	Bushing-Arm, 25 Mm (1 Inch) ID, Plow Swing Tower, Swing Cylinder Pivot	22	AU426-620	1	Bolt
6	AU120729A1	1	Arm-Plow Lift	23	AU496-21041	1	Washer-Flat
7	AU248445A1	2	Bushing-Arm, Plow	24	AUD90990	1	Bumper
8	AU426-528	2	Bolt-Hex, 5/16 NC X 1-3/4 Inch	25	AU496-21041	1	Washer-Flat
9	AU496-11034	2	Washer-Flat	26	AU232-4116	1	Nut-Hex
10	AU127396A1	2	Pin-Pivot	27	AU120745A1	1	Pin-Pivot, Rear
11	AUH313981	2	Pin-Retainer	28	AU120746A1	2	Key-Square, 9.5 X 250 Mm, Plow Pivot Pin, Rear
12	AUH53959	2	Spacer-13 Mm (1/2 Inch) Long	29	AU103-11300	2	Ring-External Retaining, No. 300, Rear Plow Pivot Pin Retaining
13	AUD32933	1	Pin-Pivot, Swing Tower, Small	30	AU232-4115	2	Nut-Hex
14	AU103-16125	2	Ring-Retaining	31	AUH149666	1	Plate-Skid Shoe, Right-Hand
15	AUD45523	1	Pin-Pivot, 10-7/8 Inch Long, Swing Tower, Large	32	AUH149674	1	Plate-Skid Shoe, Left-Hand
16	AU103-16200	2	Ring-Retaining, External	33	AU164-152	6	Bolt-Hex Socket Head, 3/8 Nf X 1 Inch, Grade 8
17	AU219-89	1	Fitting-Grease, 45 Degree, 1/8 Pt Self-Tap X 25/32 Inch	34	AU131-1326	6	Nut-Hex Jam, Self-Locking, 3/8 Inch Nf

Plow Gearbox Assembly P75 PLow

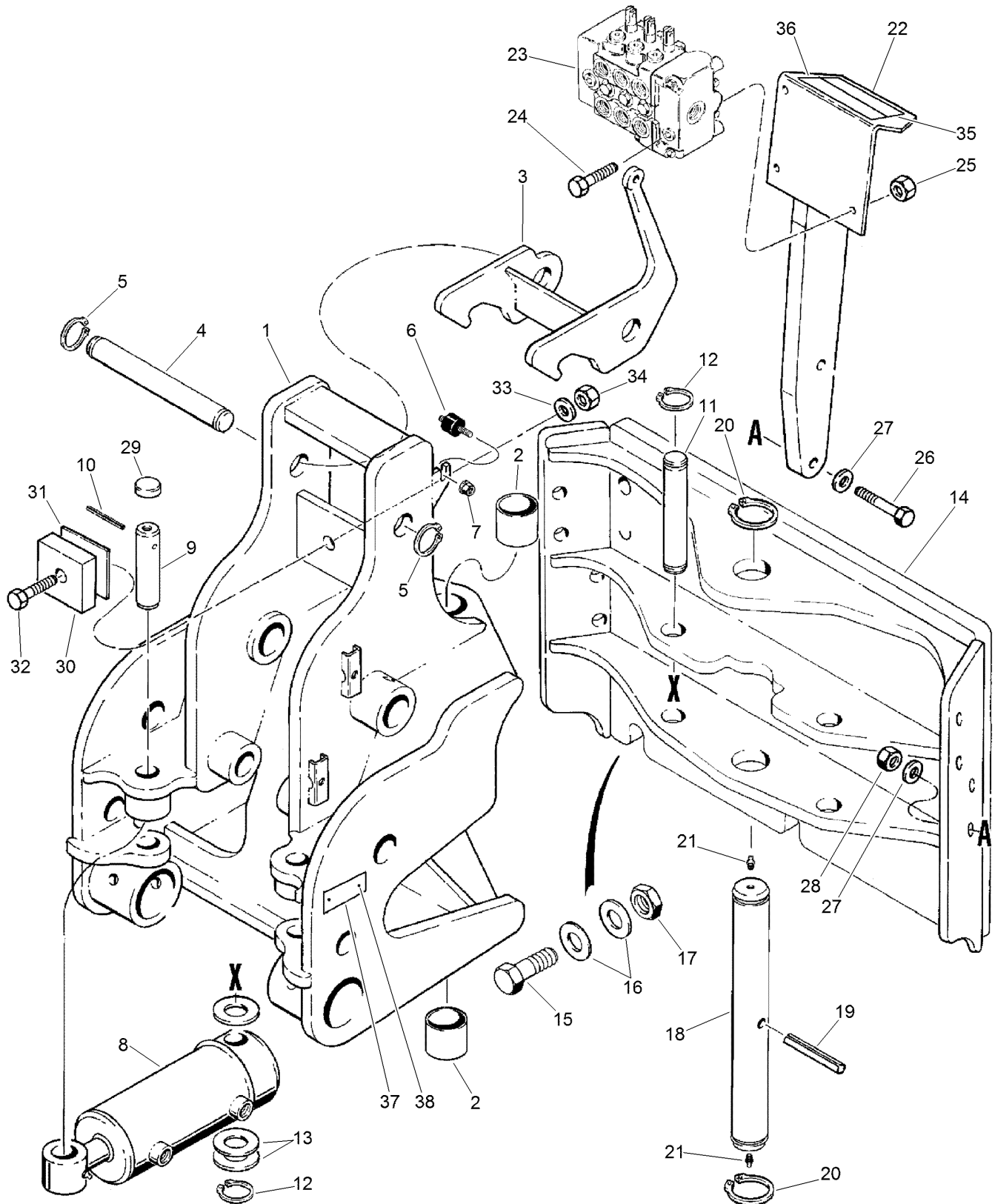


Plow Gearbox Assembly P75 PLow (continued)

<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>
	AUH563619	1	Box-Shaker ●	28	AU492-11031	8	Washer-Lock, 5/16 Inch
1	AUH205559	1	Housing-Gearbox	29	AUH189803	2	Spacer
4	AUH753194	2	Bearing	30	AUH753160	4	Bearing
5	AUH189795	1	Spacer	31	AUH753152	4	Bearing
6	AU100-21315	1	Ring-Internal Retaining, No. 315, Bearing And Shaft Retaining	32	AUH189761	2	Shaft-Bearing
				33	AU100-11150	2	Ring-External Retaining, No. 150, Shaft
7	AU86993944	1	Gear-Drive, Plow	34	AUG46081	2	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing
8	AU100-16156	1	Ring-Snap				
9	AUH189753	1	Gear	35	AUG13609	2	Bearing
10	AUH189514	1	Weight-Counter	36	AUT38017	1	Washer-Thrust
11	AUH189746	1	Gear	37	AUG46081	1	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing
12	AUH189506	1	Weight-Counter				
13	AUH380030	2	Key-Square	38	AUH189852	2	Gasket
14	AU83-65032	2	Screw-Set, HSH	39	AUH189811	2	Cap-Bearing
15	AU425-148	2	Nut-Jam	40	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long
16	AU103-11225	2	Ring-Retaining	41	AU426-520	8	Bolt-Hex, 5/16 NC X 1-1/4 Inch
17	AUH753145	4	Bearing	42	AU492-11031	8	Washer-Lock, 5/16 Inch
18	AUG46081	2	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing	43	AUH189910	1	Gasket-Gearcase
				44	AUH202176	1	Plate-Cover
19	AUG13609	2	Bearing	45	AU222-762	1	Fitting-Elbow, 90
20	AUT38017	1	Washer-Thrust	46	AU426-612	2	Screw-HH
21	AUG46081	1	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing	47	AU492-11038	2	Washer-Spring Lock, Reg 3/8 Znd
				48	AU426-816	2	Screw-HH
22	AUH189878	1	Gasket-Shim	49	AUH137844	1	Plate-Discard To Mount Plow Motor
23	AUH189886	1	Gasket-Shim	50	AUH44727	1	Gasket-124 X 146 X 0.8 Mm, Motor
24	AUH189860	2	Gasket				
25	AU135587A1	2	Cap-Bearing				
26	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long				
27	AU426-520	8	Bolt-Hex, 5/16 NC X 1-1/4 Inch				

● Not illustrated

Plow Swing Tower and Mounting BracketP85 Plow



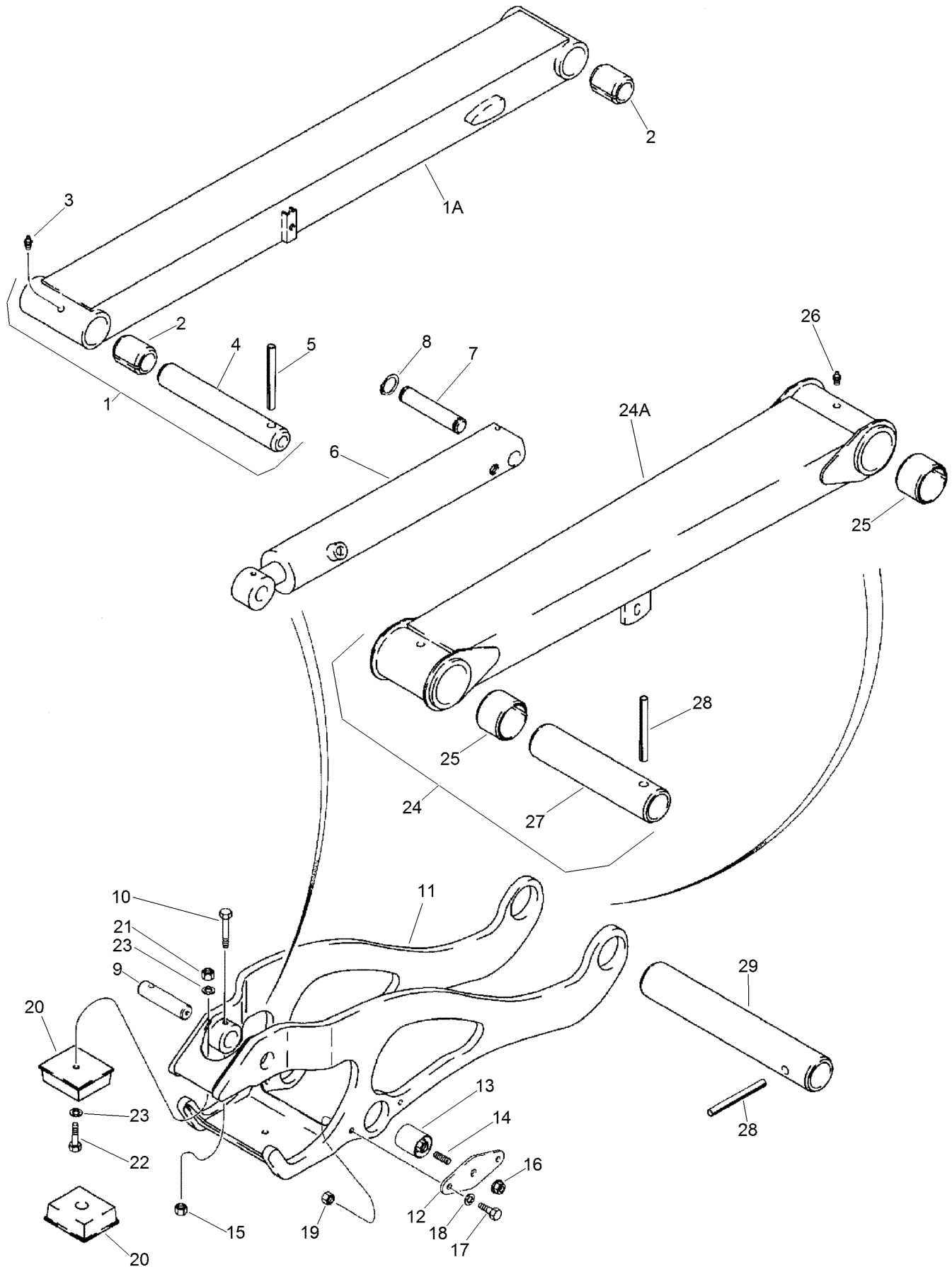
Plow Swing Tower and Mounting Bracket

P85 Plow (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>
	AU112861A1	1	ASM-P85 Cable Plow ●	19	AU38-34064	1	Pin-Spiral
	AU112862A1	1	Plow-P85, Basic ●	20	AU103-16200	2	Ring-Retaining, External
1	AUH673803	1	Tower-Plow Swing	21	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long
2	AUH433644	2	Bearing-Pivot	22	AU118447A1	1	Bracket-Mounting, Plow Control Valve
3	AUH673804	1	Latch-Transport, Plow Lift Arm	23	AU106520	1	Valve-3-Bank Control, Plow
4	AUH434493	1	Pin-Plow	24	AU100873	2	Screw-HH
5	AU103-16125	2	Ring-Retaining	25	AU100526	2	Nut-Torque, Prevailing
6	AUH359216	1	Mount-Radiator	26	AU426-1044	2	Bolt-Hex, 5/8 NC X 2-3/4 Inch, Grade 8
7	AU231-5145	1	Nut-Hex Serrated Flange, 5/16 Inch NC	27	AUH426809	4	Washer-Flat
8	AUH673704	2	Cylinder ASM-102 (4) ID X 152Mm (6) Stroke, Plow Swing	28	AU232-41110	2	Nut-Lock, Hex
9	AUH436865	2	Pin-Rod	29	AU41-1020	2	Plug-Freezer
10	AU138-2068	2	Pin-Roll	30	AUD90990	1	Bumper
11	AUH434801	2	Pin	31	AUH438536	1	Shim-Bumper
12	AU103-16125	4	Ring-Retaining	32	AU426-620	1	Bolt
13	AU495-81209	6	Washer-Flat	33	AU496-21041	1	Washer-Flat
14	AU112759A1	1	Bracket-Mounting	34	AU232-4116	1	Nut-Hex
15	AU426-1240	5	Bolt	35	AUH434977	1	Decal-Plow Control
16	AUH426817	10	Washer-Flat	36	AU178939A1	1	Decal-Plow Float
17	AU232-41112	5	Nut-Prev Trq 3/4 Grc Cad Direct	37	AU100572	1	Plate - Serial Number
18	AUH436866	1	Pin-Plow Swing	38	AU104193	2	Tack-Fastener, Steel
				39	AU144169C2	1	Gasket-HYD Pump ●

● Not illustrated

Plow Lift Arms and Mounting P85 Plow



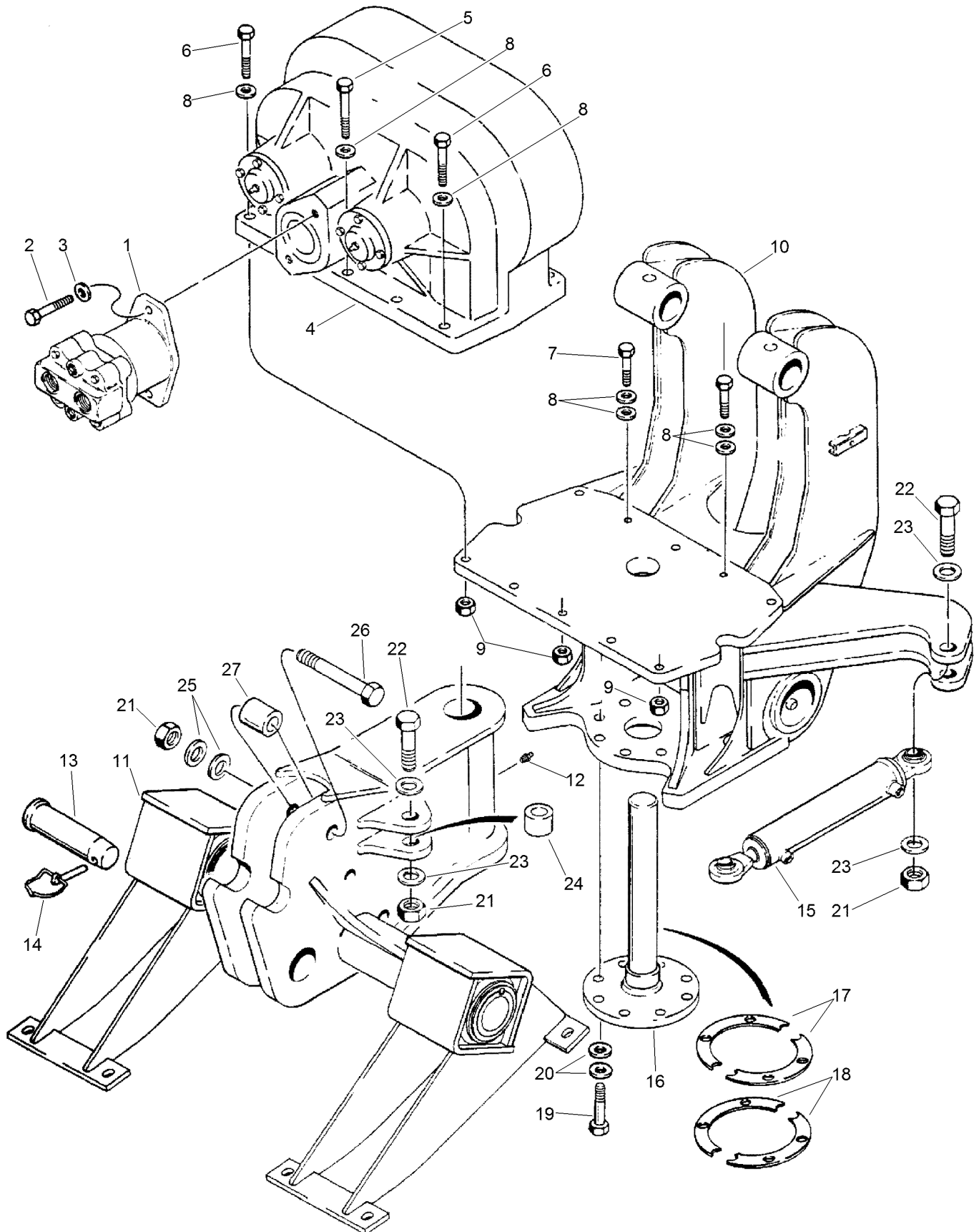
Plow Lift Arms and Mounting P85 Plow (continued)

<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>
	AU112861A1	1	ASM-P85 Cable Plow ●	16	AU231-5148	4	Nut-Hex Serrated Flange, 1/2 Inch NC
1	AU112862A1	1	Plow-P85, Basic ●	17	AU426-624	4	Bolt-Hex, 3/8 NC X 1-1/2 Inch
1A	AUH673808	1	Arm ASM-Plow Lift, Upper ■	18	AU496-21041	4	Washer-Flat
2	AUH434904	4	Bushing-Plow Lift Arm	19	AU232-4116	4	Nut-Hex
3	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long	20	AUD90990	2	Bumper
4	AUH436862	2	Pin-Plow Arm, Upper	21	AU232-4116	2	Nut-Hex
5	AU38-34064	2	Pin-Spiral	22	AU426-620	2	Bolt
6	AU121737	1	Cylinder-Plow Lift	23	AU496-21041	2	Washer-Flat
7	AUH434493	1	Pin-Plow	24	AUH673809	1	Arm ASM-Plow Lift, Lower
8	AU103-16125	2	Ring-Retaining	24A		1	Arm-Plow Lift, Lower ■
9	AUH436865	1	Pin-Rod	25	AUH434903	4	Bushing
10	AU426-648	1	Bolt-Hex, 3/8 NC X 3 Inch	26	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long
11	AU116328A1	1	Cradle-Plow Lift	27	AUH436864	1	Pin-Plow Arm, Lower Rear
12	AU116158A1	2	Plate-Bumper Mounting	28	AU38-34064	2	Pin-Spiral
13	AUH438533	2	Mount-Isolator	29	AUH436863	1	Pin-Lower Plow Lift Arm, Front
14	AUH438537	4	Stud				
15	AU232-4116	1	Nut-Hex				

● Not illustrated

■ Not serviced separately

Plow Motor, Gearbox and Blade MountingP85 Plow



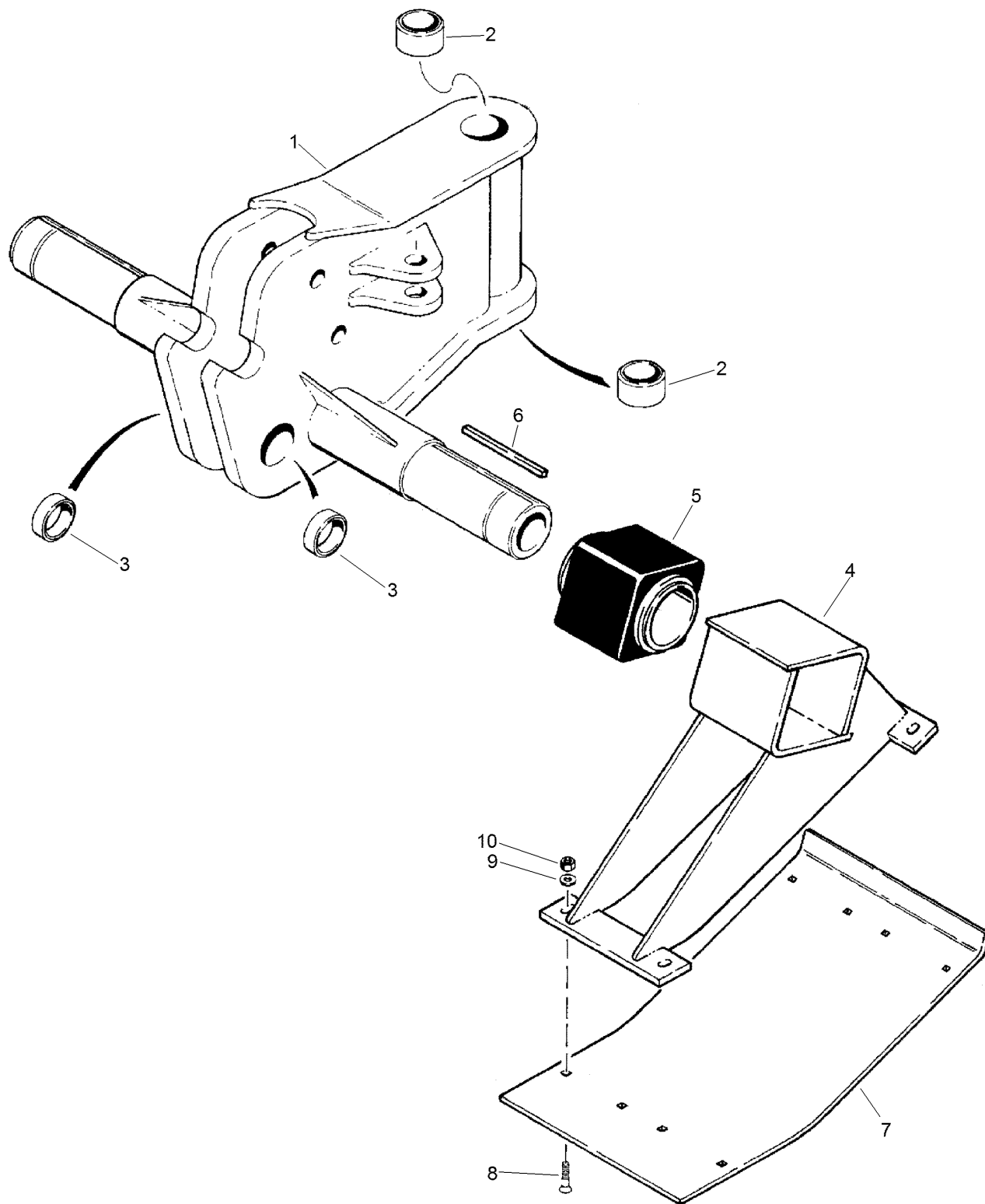
Plow Motor, Gearbox and Blade Mounting

P85 Plow (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>
	AU112861A1	1	ASM-P85 Cable Plow ●	12	AU219-8	1	Fitting-Lube 1/4-28 Tpr
	AU112862A1	1	Plow-P85, Basic ●				SAE-Lt .54 Long
1	AU87430034	1	Motor ASM-Hydrostatic Drive, Plow	13	AUH437057	2	Pin-Plow Blade Retaining
2	AU426-820	2	Bolt-Hex Hd 1/2 X 1-1/4 GR5 Znd	14	AUD130037	2	Pin-Klik
3	AUH274894	2	Washer	15	AU123872	1	Cylinder-Blade
4	AUH563619	1	Box-Shaker	16	AU104797A2	1	Axle-Pivot, Blade Mounting
5	AU426-840	1	Screw-HH	17	AU104799A2	1	Shim-Plow Pivot
6	AU426-836	7	Bolt-Hex Hd 0.500 X 2.25 GR8 Znd	18	AU105866A2	1	Shim-Plow Pivot (Thick)
7	AU426-824	2	Screw-HH	19	AU426-1028	4	Screw-HH
8	AUH274894	12	Washer	20	AU495-11066	16	Washer-Flat
9	AU232-4118	8	Nut-Hex	21	AU232-41116	4	Nut-Hex
10	AU114981A1	1	Frame-Plow Gearbox Mounting	22	AU426-1660	2	Bolt-HH
11	AU105966A1	1	Bracket-Plow Blade Mounting	23	AUH426833	4	Washer
				24	AU114879A1	1	Tube-Rod End Spacer
				25	AUH435357	6	Washer-Lock
				26	AU426-1696	3	Bolt-HH
				27	AUH435475	1	Tube-Spacer, Sod Cutter

● Not illustrated

Plow Blade Mounting Bracket and Plow Skid Shoes P85 PLow



Plow Blade Mounting Bracket and Plow Skid Shoes

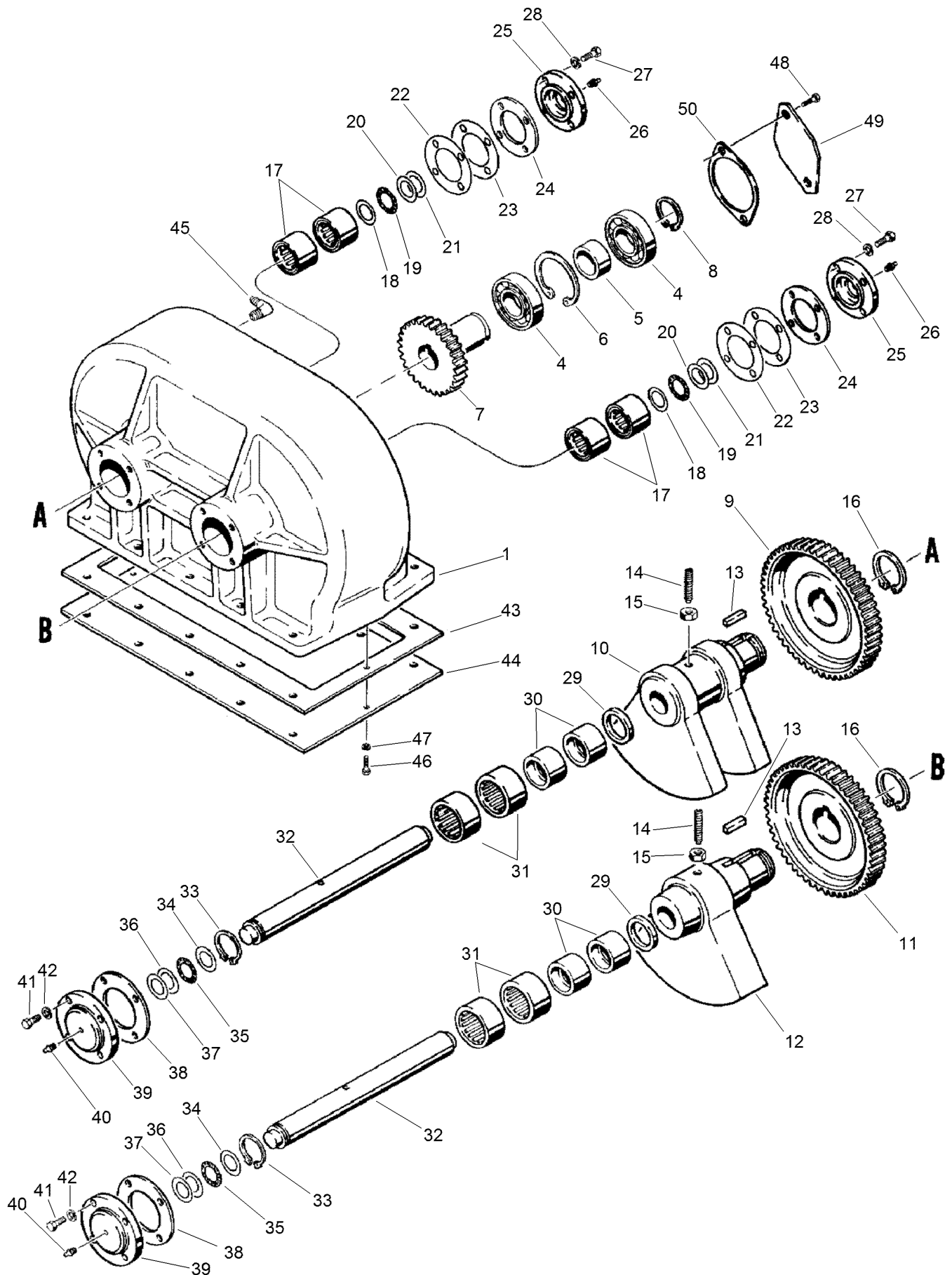
P85 PLow (continued)

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	AU112861A1	1	ASM-P85 Cable Plow ●		AUH674486	1	Shoe-Plow ●
	AU112862A1	1	Plow-P85, Basic ●	5	AUH230862	1	Joint-Center, Bonded Rubber
1	AU105966A1	1	Bracket-Plow Blade Mounting	6	AUH386482	1	Bar
1A		1	Bracket-Plow Blade Mounting ■●	7	AUH437946	2	Plate-Skid Shoe, 12 Inch Wide
2	AU105870A1	2	Bushing	8	AU419-2624	4	Screw-Plow
3	AUH437099	2	Bushing	9	AU496-21041	4	Washer-Flat
4	AUH674485	2	Plow-Shoe ASM	10	AU232-4116	4	Nut-Hex

● Not illustrated

■ Not serviced separately

Plow Gearbox Assembly P85 Plow



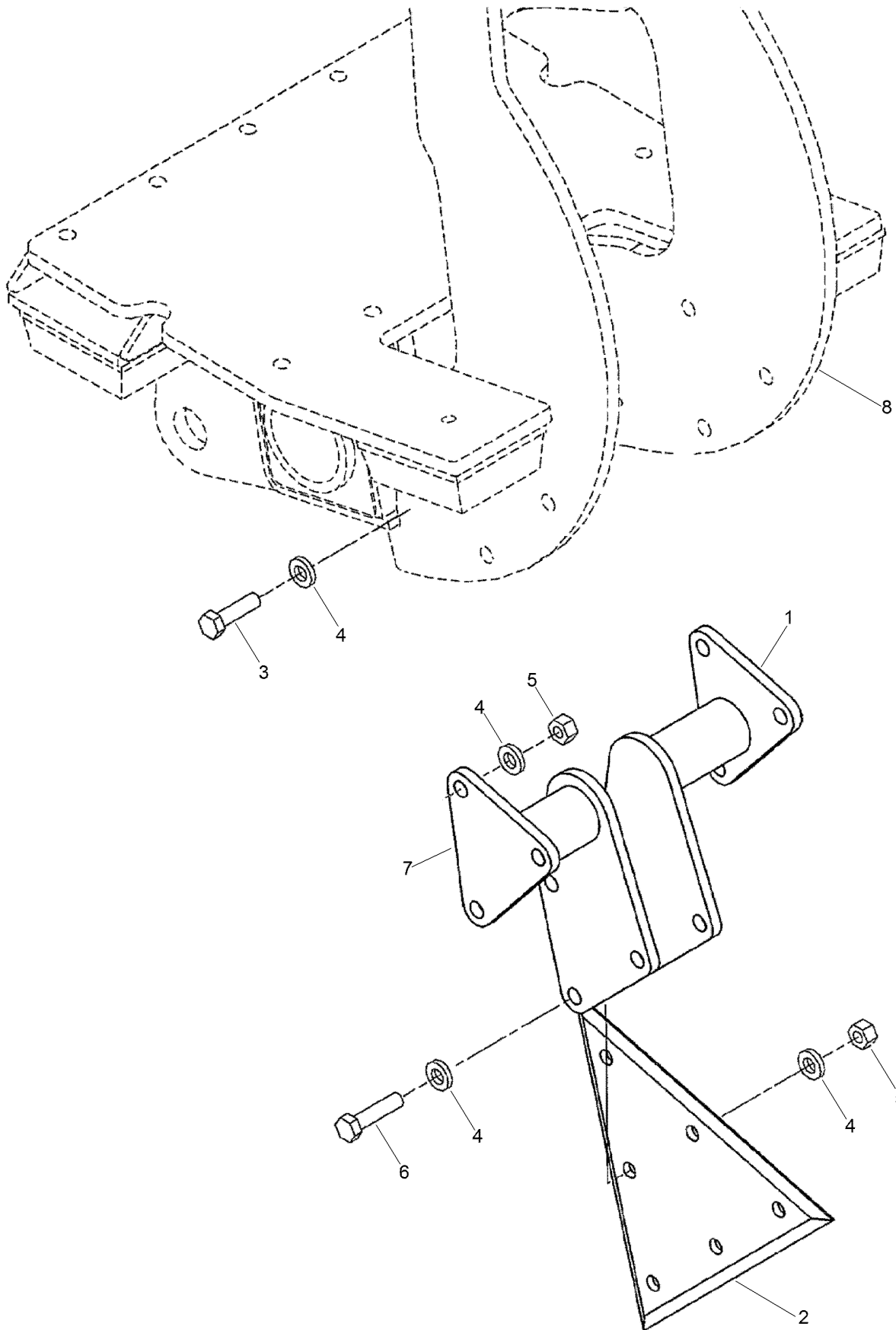
Plow Gearbox Assembly

P85 Plow (continued)

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	AU112861A1	1	ASM-P85 Cable Plow ●	28	AU492-11031	8	Washer-Lock, 5/16 Inch
	AU112862A1	1	Plow-P85, Basic ●	29	AUH189803	2	Spacer
	AUH563619	1	Box-Shaker ●	30	AUH753160	4	Bearing
1	AUH205559	1	Housing-Gearbox	31	AUH753152	4	Bearing
4	AUH753194	2	Bearing	32	AUH189761	2	Shaft-Bearing
5	AUH189795	1	Spacer	33	AU100-11150	2	Ring-External Retaining, No. 150, Shaft
6	AU100-21315	1	Ring-Internal Retaining, No. 315, Bearing And Shaft Retaining	34	AUG46081	2	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing
7	AU86993944	1	Gear-Drive, Plow	35	AUG13609	2	Bearing
8	AU100-16156	1	Ring-Snap	36	AUT38017	1	Washer-Thrust
9	AUH189753	1	Gear	37	AUG46081	1	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing
10	AUH189514	1	Weight-Counter	38	AUH189852	2	Gasket
11	AUH189746	1	Gear	39	AUH189811	2	Cap-Bearing
12	AUH189506	1	Weight-Counter	40	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long
13	AUH380030	2	Key-Square	41	AU426-520	8	Bolt-Hex, 5/16 NC X 1-1/4 Inch
14	AU83-65032	2	Screw-Set, HSH	42	AU492-11031	8	Washer-Lock, 5/16 Inch
15	AU425-148	2	Nut-Jam	43	AUH189910	1	Gasket-Gearcase
16	AU103-11225	2	Ring-Retaining	44	AUH202176	1	Plate-Cover
17	AUH753145	4	Bearing	45	AU222-762	1	Fitting-Elbow, 90
18	AUG46081	2	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing	46	AU426-612	2	Screw-HH
19	AUG13609	2	Bearing	47	AU492-11038	2	Washer-Spring Lock, Reg 3/8 Znd
20	AUT38017	1	Washer-Thrust	48	AU426-816	2	Screw-HH
21	AUG46081	1	Washer-Thrust, 0.81 Mm (0.032 Inch) Thick, Shaft Bearing	49	AUH137844	1	Plate-Discard To Mount Plow Motor
22	AUH189878	1	Gasket-Shim	50	AUH44727	1	Gasket-124 X 146 X 0.8 Mm, Motor
23	AUH189886	1	Gasket-Shim				
24	AUH189860	2	Gasket				
25	AU135587A1	2	Cap-Bearing				
26	AU219-8	2	Fitting-Lube 1/4-28 Tpr SAE-Lt .54 Long				
27	AU426-520	8	Bolt-Hex, 5/16 NC X 1-1/4 Inch				

● Not illustrated

Sod Cutter

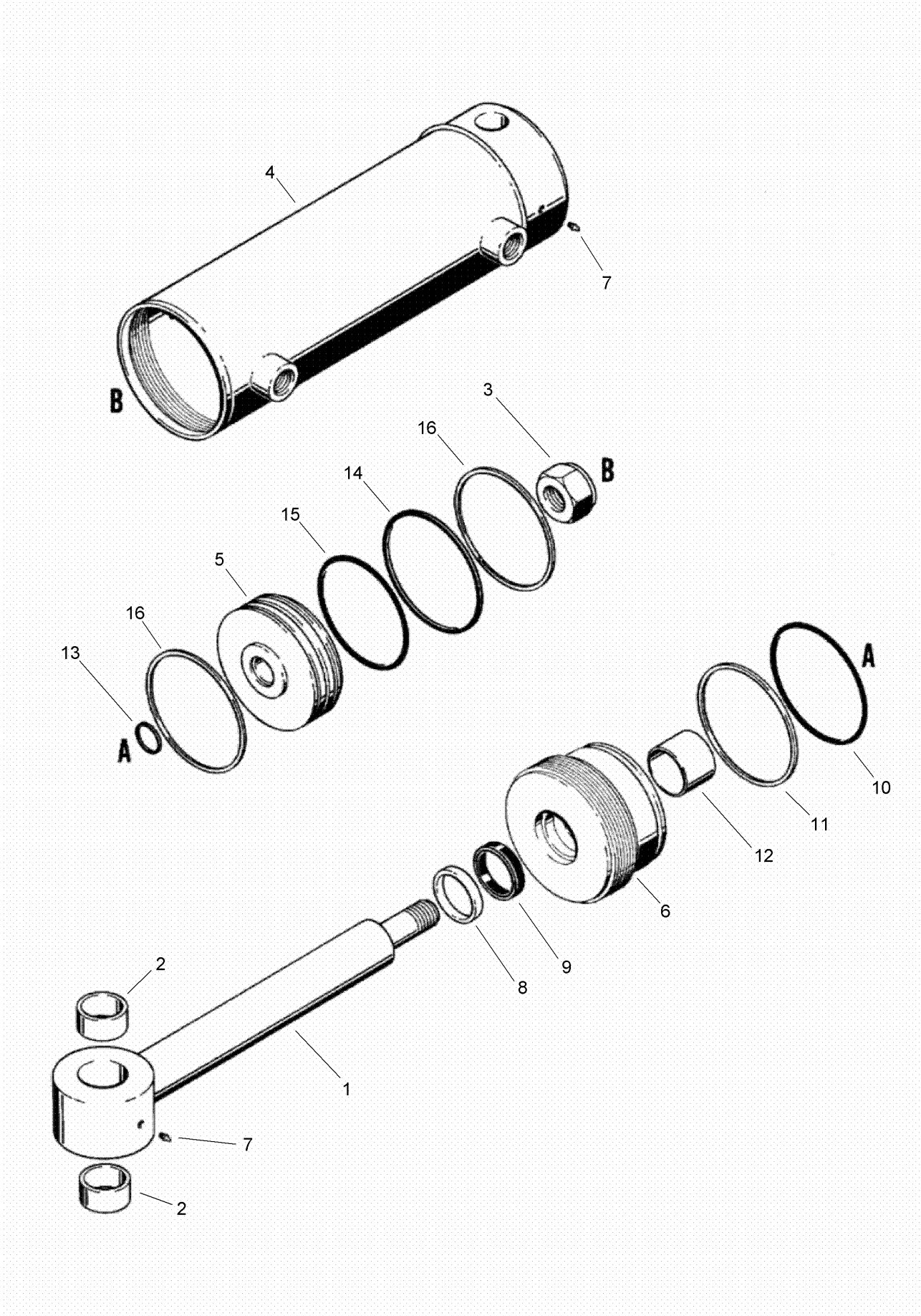


Sod Cutter (continued)

<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>
	AU127217A1	1	ASM-Sod Cutter, P75 Plow ●	4	AUH274894	18	Washer
1	AU128637A1	1	Bracket-Mounting, Sod Cutter Blade	5	AU232-4118	9	Nut-Hex
2	AUH434907	1	Blade-Sod Cutter	6	AU426-832	3	Bolt
3	AU426-828	6	Bolt-Hex Hd 1/2 X 1-3/4 GR5 Znd	7	AU128638A1	1	Bracket-Mounting, Sod Cutter Blade
				8	AU133628A1	1	Frame-Plow Gearbox Mounting

● Not illustrated

Plow Swing Cylinder



Plow Swing Cylinder (continued)

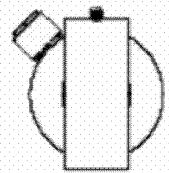
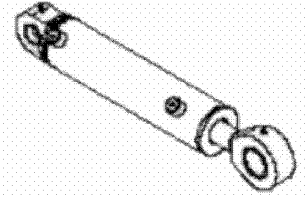
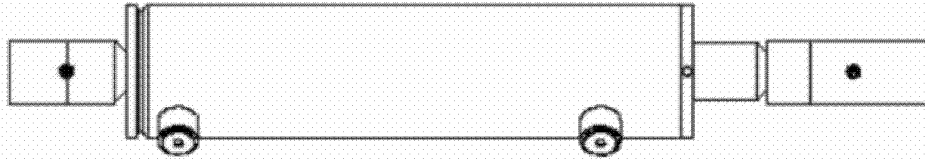
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AUH673704	1	Cylinder ASM-102 (4) ID X 152Mm (6) Stroke, Plow Swing ●	8		1	Wiper-Piston Rod ▲■
1	AUN14835	1	Rod-Piston	9		1	Seal-U-Cup ▲■
2	AU107115A1	2	Bushing-Cylinder Rod	10		1	O-Ring-Gland ▲■
3	AU131-190	1	Nut-Hex, Self-Locking, 1-1/4 Inch Nf	11		1	Ring-Backup, Gland ▲■
4	AUH436771	1	Tube-Cylinder	12		1	Ring-Wear, Gland ▲■
5	AUN14850	1	Piston-Cylinder	13		1	O-Ring-Piston Rod ▲■
6	AUN14836	2	Gland-Cylinder	14		1	Seal-Piston ▲■
7	AU219-20	1	Fitting-Grease, Straight, 1/4-28 Special Threads X 1/2 Inch	15		1	O-Ring-Piston ▲■
				16	AUN14838	2	Ring-Wear, Piston ▲■
						1	Kit-Cylinder Seal Repair, Includes All Items With An Asterisk ●▲

● Not illustrated

▲ Included in a service kit or in an assembly

■ Not serviced separately

Plow Blade Steering Cylinder



Plow Blade Steering Cylinder (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
	AU123872	1	Cylinder-Blade ●
1	AU124045	1	Gland ●
2	AU124046	1	Gland Seal Kit ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	AU124047	1	Piston ●
4	AU124048	1	Piston Seal Kit ●
5	AU124049	1	Nut ●

● Not illustrated

Tow Valve Kit - Backhoe

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Tow Valve Kit - Backhoe (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>
	AU127267	1	Kit-Tow Valve, Backhoe ●	10	AUH433293	2	Hose ●
1	AU426-48	2	Screw-1/4-20 X 1/2 ●●	11	AU106859	1	Bracket-Mount, Switch ●
2	AU218-5351	1	Connector ●	12	AU106877	1	Switch-Tow Valve ●
3	AU106864	1	Valve-Poppet, Tow ●	13	AU127266	1	Harness-Wiring ●
4	AU218-5529	1	Fitting-Elbow, 45 ●	14	AU218-5230	1	Elbow-90 Swivel 37FI 1/2 Tube ●
5	AUL18331	4	Strap-Tie ●	15	AU426-516	2	Screw-HH ●
6	AU218-5280	2	Elbow-90 Deg ●	16	AU232-4115	2	Nut-Hex ●
7	AU106862	1	Bracket-Tow Valve ●	17	AU895-15008	2	Washer-5/16 ●
8	AU426-432	2	Bolt-1/4-20 X 2 ●	18	AUL11541	4	Strap-Tie ●
9	AU231-5144	2	Nut-1/4-20 Flange Head ●				

● Not illustrated

Tow Valve Kit - Backhoe

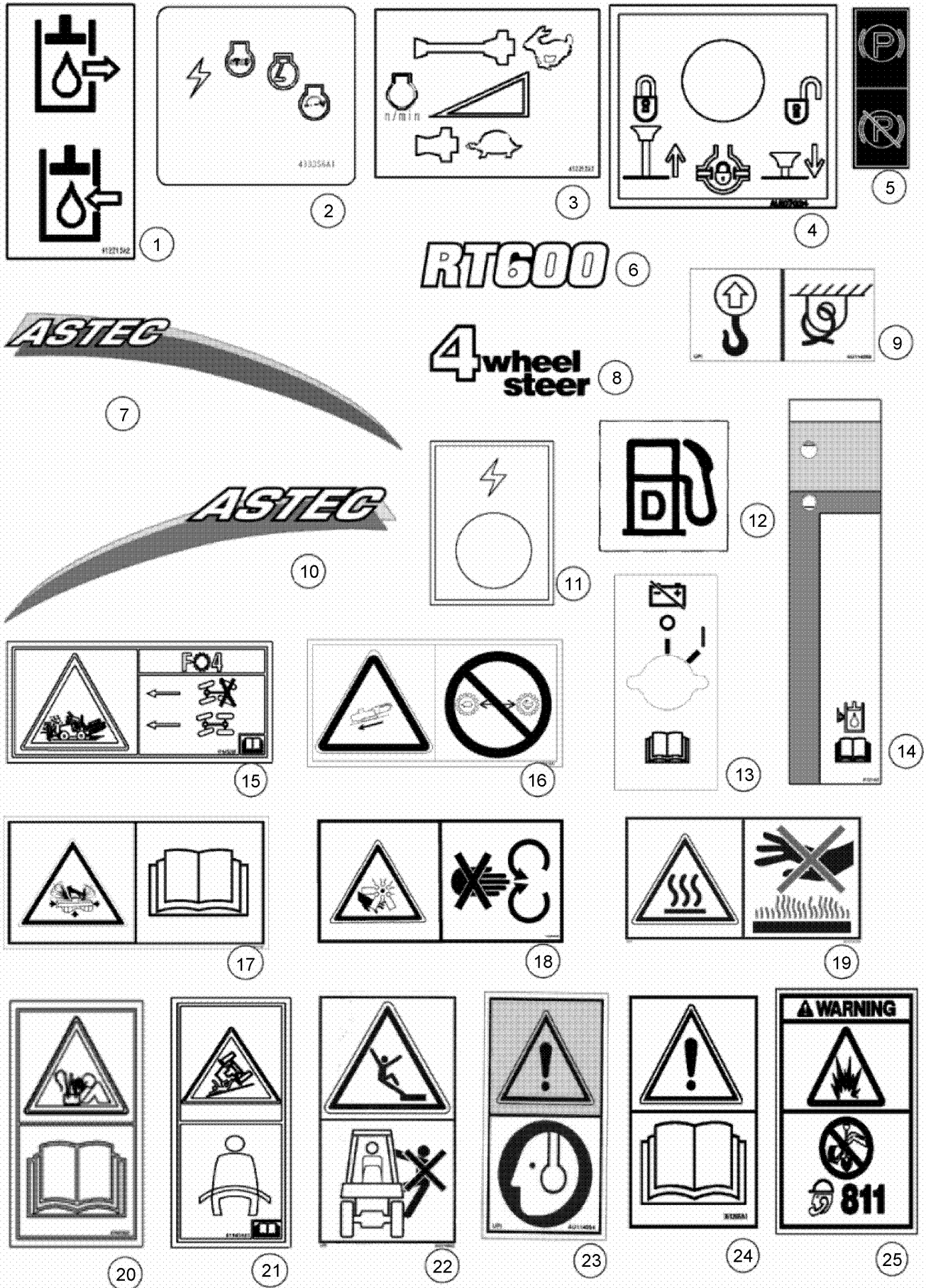
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Tow Valve Kit - Backhoe (continued)

<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>
	AUH939220	1	Kit-Electrical Accessory Power ●	6	AU440-1088	2	Screw ●
1	AUH674547	1	Harness-Accessory Power ●	7	AU193-1002	2	Nut-#8-32 Keps ●
2	AU363-31012	3	Screw-#10-24 X 3/4 ●	8	AU245860C1	1	Bar-Buss ●
3	AU193-1004	3	Nut-#10-24 Keps ●	9	AUD128310	1	Relay-Power ●
4	AUA22877	1	Breaker-40 Amp ●	10	AUA149801	2	Fuse-15 Amp (Blade Style) ●
5	AU193-1000	2	Nut-Keps Ext T Washer #10-32 Unf Zp ●	11	AU8-80772	1	Instructions-Installation ●

● Not illustrated

Decals No. 1



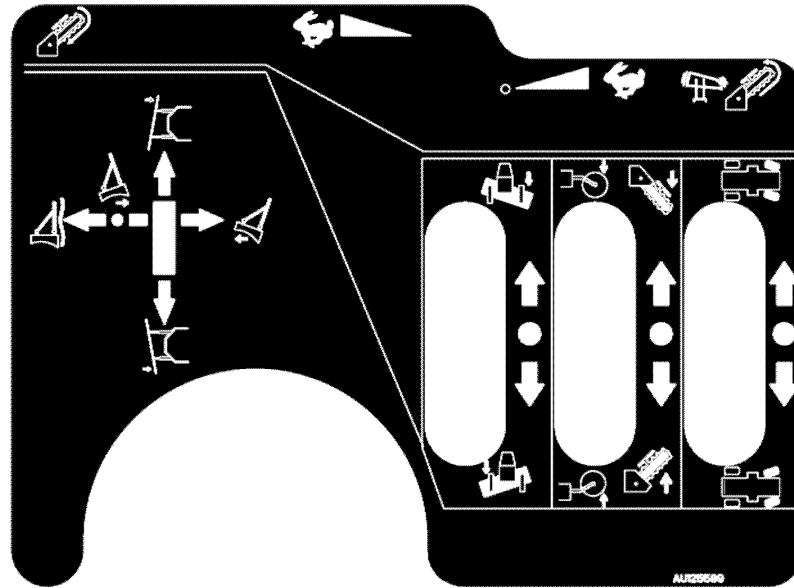
Decals No. 1 (continued)

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	AU125554	1	Decals Group ●	21	AU419430A1	2	Decal-Warning, Fasten Seat Belt
1	AU412215A2	2	Decal-Hydraulic Oil, Supply / Return	22	AU114622	1	Decal-No Riders
2	AU433356A1	1	Decal-Key Switch	23	AU114054	1	Decal-Warning, Hearing Protection Required
3	AU412212A2	1	Decal-Throttle	24	AU391265A1	1	Decal-Read Operators Manual
4	AU107034	1	Decal-Instrument Panel, RH	25	AU110578	1	Decal-Warning, Call Before Digging
5	AU117335	1	Decal-Parking Brake	26	AUH434210	3	Strip-Anti-Skid ●
6	AU125343	2	Decal-Rt600	27	AUH431171	1	Strip-Anti-Skid ●
7	AU108118	1	Decal-Astec	28	AU110418	1	Strip-Anti-Skid ●
8	AU103156	2	Decal-4 Wheel Steering	29	AU110419	2	Strip-Anti-Skid ●
9	AU114258	2	Decal-Tie Down / Lift Hook	30	AU100572	1	Plate - Serial Number ●
10	AU110442	1	Decal-Astec	31	AU104193	2	Tack-Fastener, Steel ●
11	AU107035	1	Decal-Instrument Panel, RH	32	AU125997	1	Kit-Rt600 Manual Packet ●
12	AU139879A1	1	Decal-Diesel Fuel	33	AU352-24	1	Bag, Plastic ●
13	AU329019A1	1	Decal-Master Disconnect Switch	34	AU103157	1	Tag - Do Not Operate ●
14	AU412214A2	1	Decal-Hydraulic Oil Level	35	AU103158	1	Tag - Cooling ●
15	AU419452A1	1	Decal-Front Steering	36	AU9-71525	1	Tag-Battery ●
16	AU121433	2	Decal-Unexpected Movement	37	AU104416A1	1	Manual-Trencher Safety ●
17	AU329045A1	1	Decal-Fluid Pressure	38	AU103121	1	Cd - Parts Catalog ●
18	AU175504A1	2	Decal-Fan Entanglement	39	AU125990	1	Manual-Rt600 Operators ●
19	AU114219	1	Decal-Hot Surface				
20	AU419459A1	1	Decal-Battery Explosion				

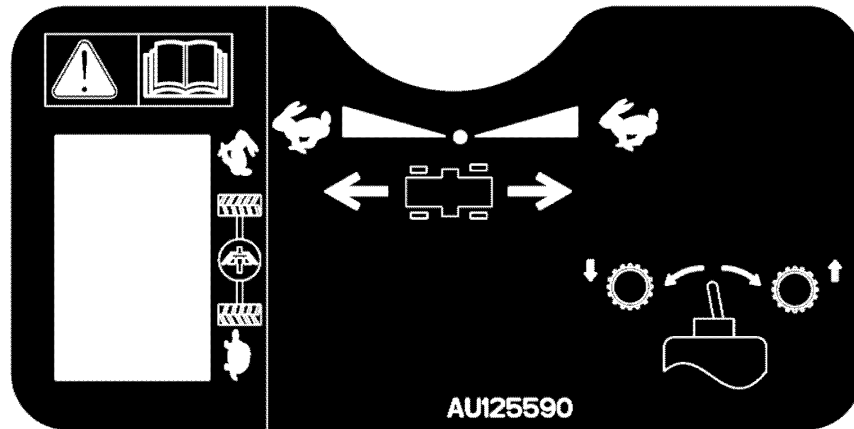
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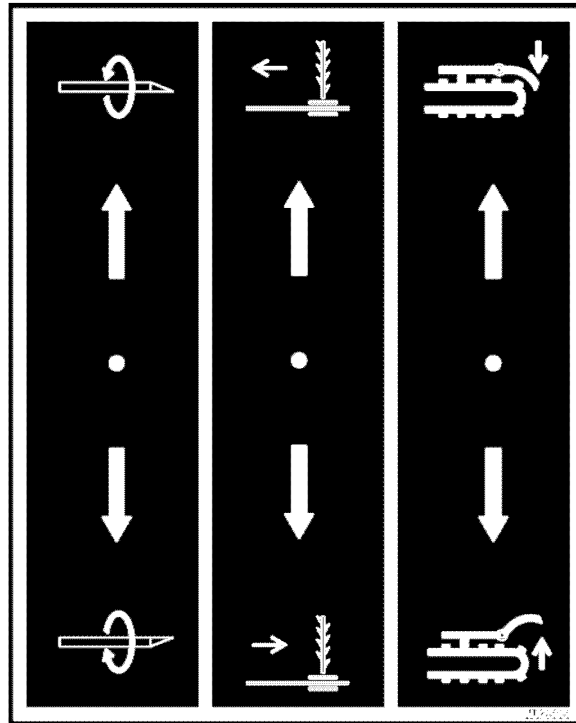
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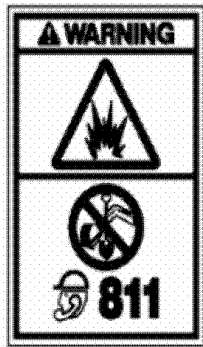


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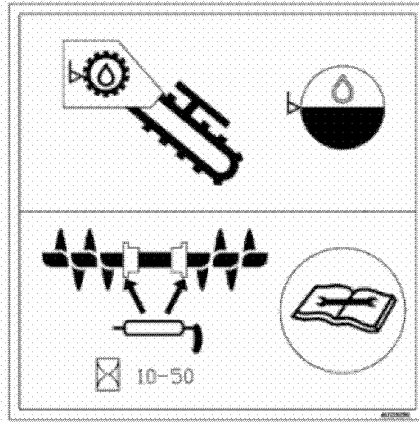
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	AU125554	1	Decals Group ●	41	AU125590	1	Decal-Controls, LH
40	AU125589	1	Decal-Controls, RH	42	AU125951	1	Decal-Auxiliary Valve

● Not illustrated

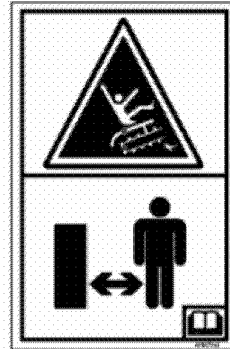
Decals - Equipment



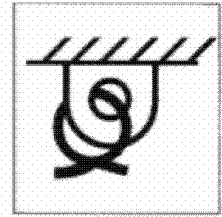
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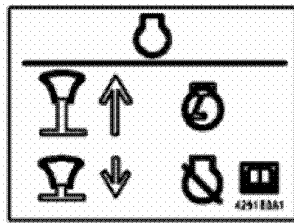
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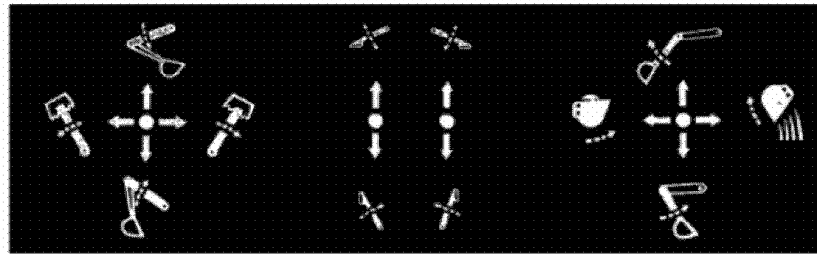
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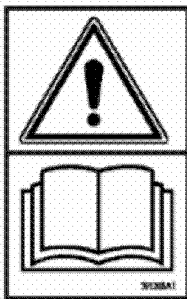
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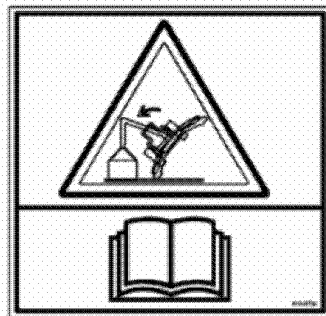
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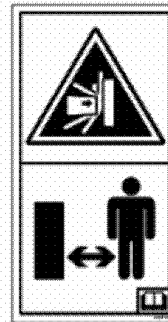
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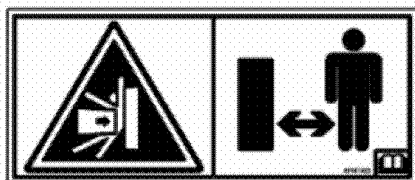
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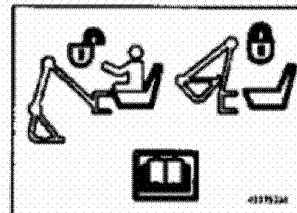
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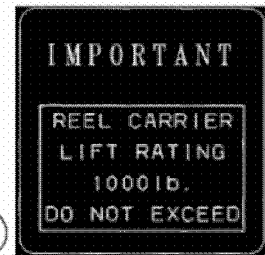
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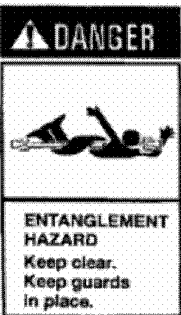
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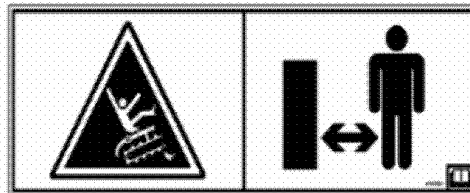
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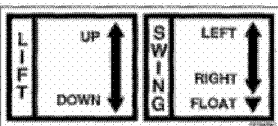
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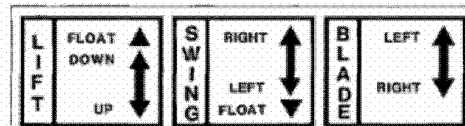


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Decals - Equipment (continued)

<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	AU110578	1	Decal-Warning, Call Before Digging	11	AUH439359	1	Decal-Swing Lock
2	AU115196	1	Decal-Planetary Oil / Lube Lever	12	AU419484A1	1	Decal-Danger, Bh Crush Hazard
3	AU419471A1	3	Decal-Danger, Trencher Entanglement Hazard	13	AU433783A1	1	Decal-Bh Transport Lock
4	AU139728A1	2	Decal-Tie Down	14	AU103191	2	Decal-HD125
5	AU429180A1	1	Decal-Engine Shut-Off	15	AU190334A1	2	Decal-Lift Rating (1000 Lbs)
6	AU179079A1	1	Decal-Backhoe Control Pattern	16	AU283607A2	2	Decal-Entanglement
7	AU391265A1	3	Decal-Read Operators Manual	17	AU103192	1	Decal-Model Name
8	AU419487A1	2	Decal-Warning, Lifting With Backhoe	18	AU419475A1	2	Decal-Danger, Trencher Entanglement Hazard
9	AU419481A1	2	Decal-Danger, Bh Crush Hazard	19	AU126332	1	Decal-Danger, Entanglement Hazard
10	AU103190	2	Decal-D100 Backhoe-Model Number	20	AUH438910	1	Decal-Danger
				21	AU127447A1	1	Decal-Plow Control Pattern, Lift/Swing
				22	AUH434977	1	Decal-Plow Control



Count on it.