



Count on it.

Form No. 3404-453 Rev A

Parts Catalog

Direct Drive Trencher RT600 Traction Unit

Model No. 25200—Serial No. 316000001 and Up

Model No. 25200E—Serial No. 316000001 and Up



Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HP: high pressure

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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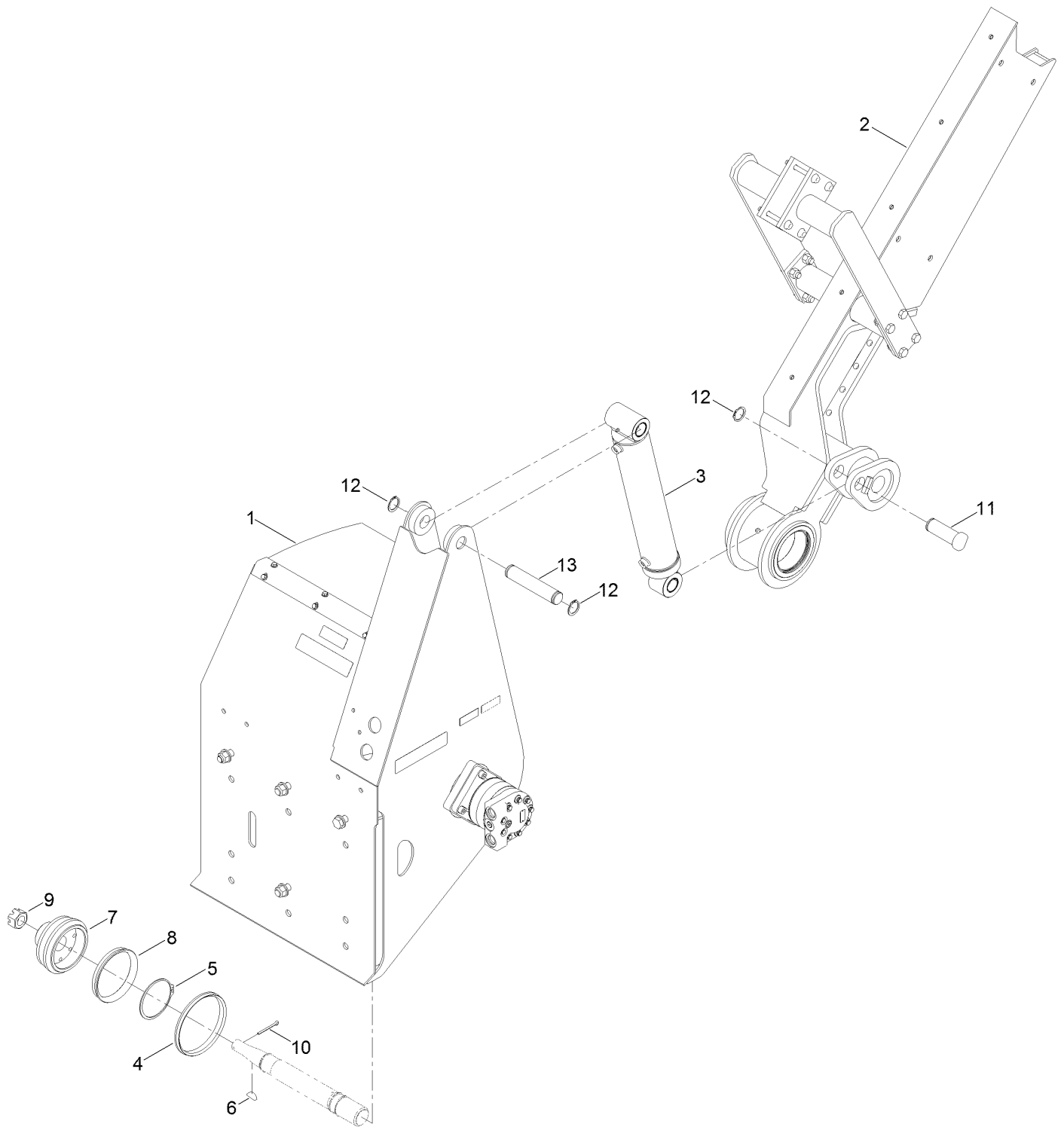
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Frame Assembly

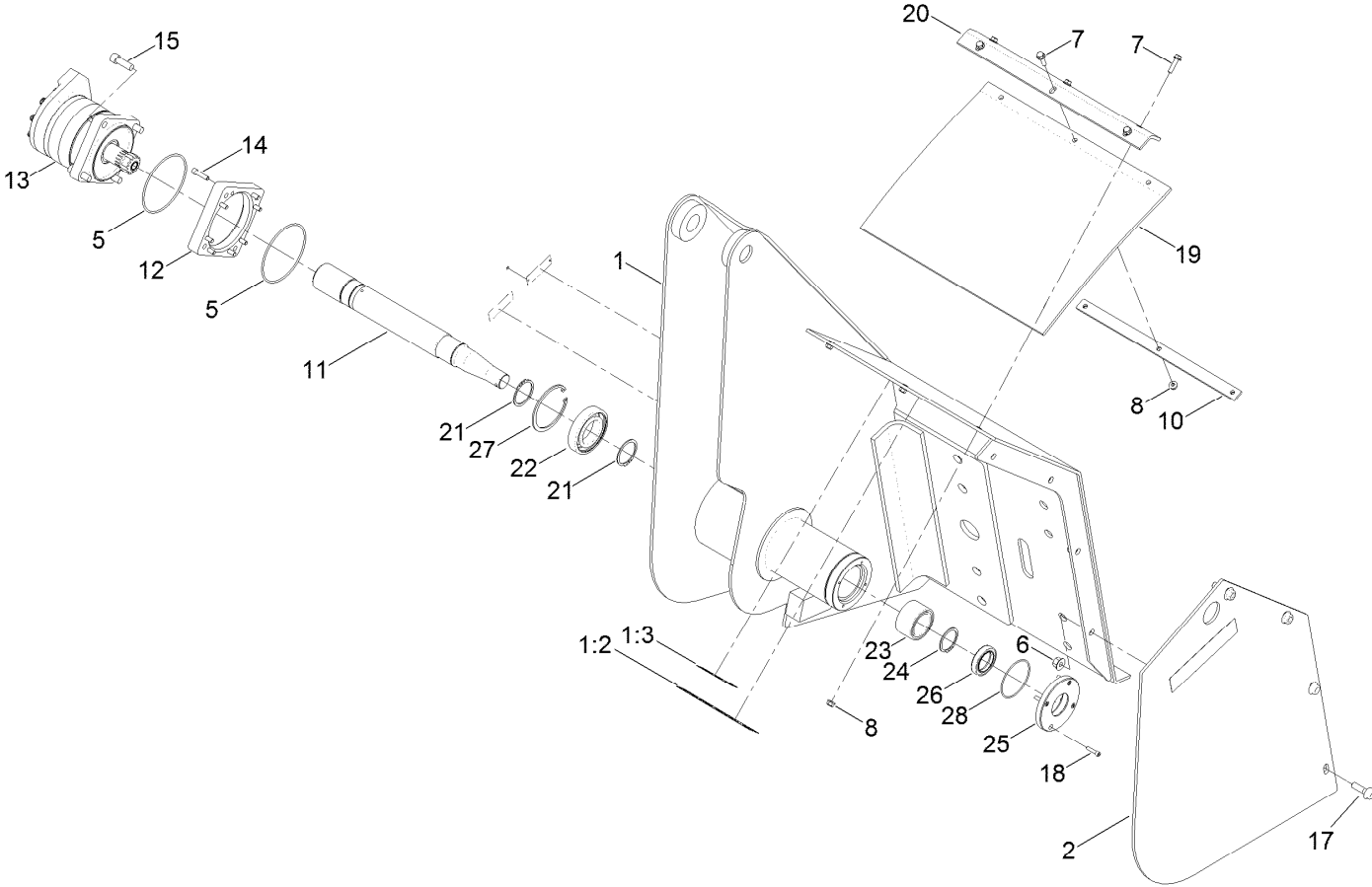


Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-2520	1	Trencher Frame ASM	8	AUH433852	1	Seal-Planetary, Urethane
2	130-8886	1	Direct Drive Boom ASM	9	32136-9	1	Nut-Hex, Slotted
3	131-2471	1	Cylinder-Hydraulic	10	3272-37	1	Pin-Cotter
4	131-2528	1	Seal	11	131-2886	1	Pin-Headed
5	AUS64875	1	Ring-Retaining, External	12	AUD25279	3	Ring
6	131-2529	1	Key-Woodruff	13	131-2887	1	Pin-Plain
7	131-2508	1	Hub-Trencher, Drive				

Trencher Frame Assembly

No. 131-2520



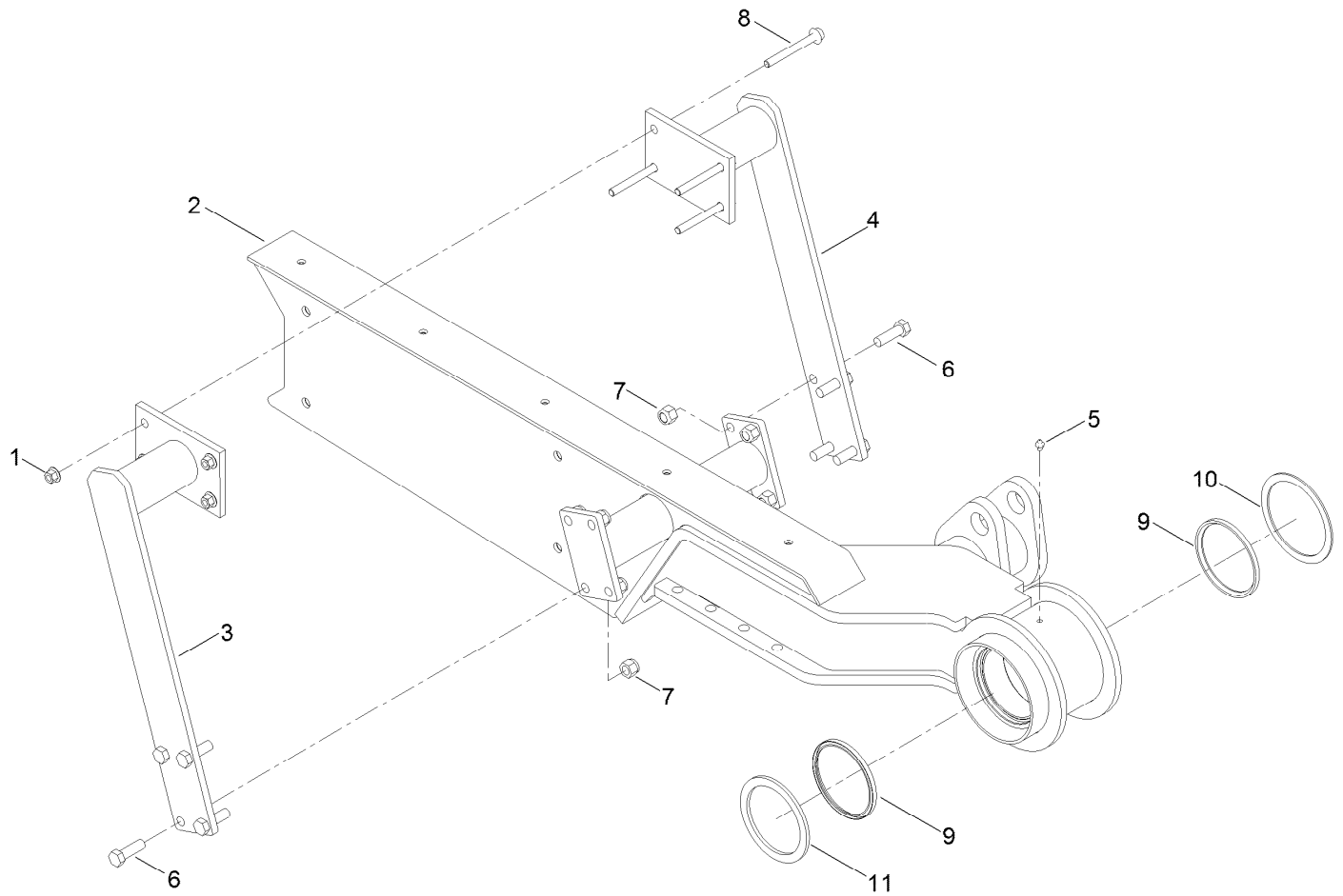
Trencher Frame Assembly No. 131-2520 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Frame-Trencher ●	15	3274-4	4	Screw-HSH
1:2	125-6670	2	Decal-Danger, Entanglement	17	AU100830	4	Screw
1:3	125-6671	1	Decal-Danger	18	3274-9	4	Screw-HSH
2	131-2521	1	Side Plate	19	AU117206A1	1	Deflector-Dirt
5	104-1920	2	O-Ring	20	AU117207A1-03	1	Angle-Dirt Deflector
6	115-1115	4	Nut-Lock, HHF	21	131-2562	2	Ring-Retaining, Snap
7	119-4036	6	Screw-HHF	22	131-2563	1	Bearing-Ball, 55Mm
8	119-4041	6	Nut-Flange, NI	23	131-2564	1	Bearing-Carb, 50Mm
10	131-2522-03	1	Strip-Deflector, Dirt	24	131-2565	1	Ring-Snap, 50Mm
11	131-2524	1	Shaft-Drive	25	131-2566-03	1	Plate-Holder, Seal
12	131-2526-03	1	Flange-Motor	26	131-2567	1	Seal-Crwa5, 2.50
13	131-2527	1	Motor-Hydraulic, Vis 40	27	131-2568	1	Ring-Snap, 100Mm
14	3274-18	8	Screw-HSH	28	237-161	1	O-Ring

● Not serviced separately

Direct Drive Boom Assembly

No. 130-8886



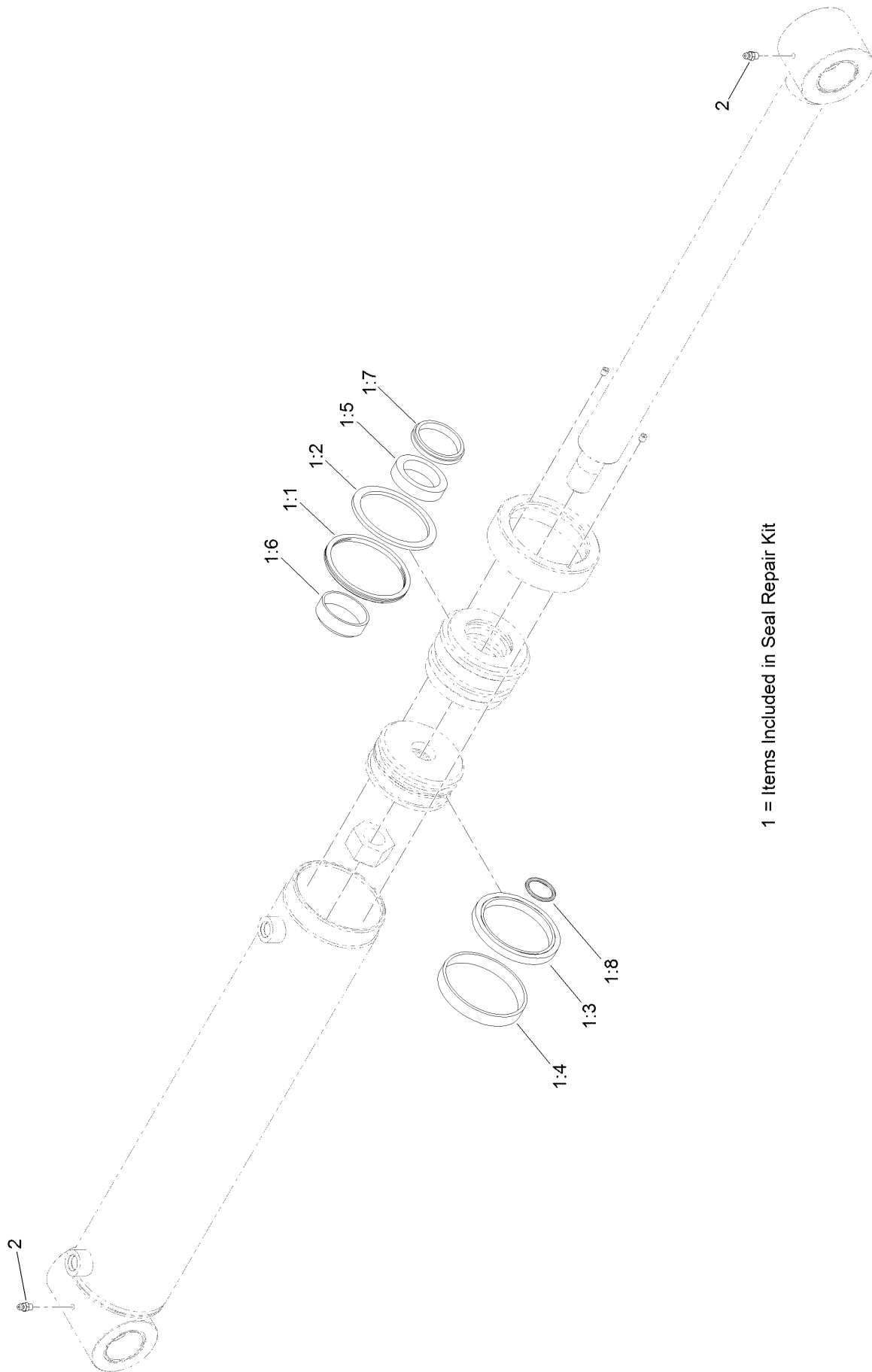
Direct Drive Boom Assembly

No. 130-8886 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-1115	4	Nut-Lock, HHF
2	131-2692	1	Direct Drive Boom ASM
3	131-2487-03	1	Mount-Crumber, Left
4	131-2488-03	1	Mount-Crumber, Right
5	302-2	1	Fitting-Grease
6	327-26	8	Screw-HH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	3296-53	8	Nut-Lock, NI
8	AU100356	4	Bolt-HHF
9	AUH437505	2	Seal-Urethane
10	AUH437581	1	Washer-Thrust, Thin
11	AUH437582	1	Washer-Thrust, Thick

Hydraulic Cylinder Assembly No. 131-2471



1 = Items Included in Seal Repair Kit

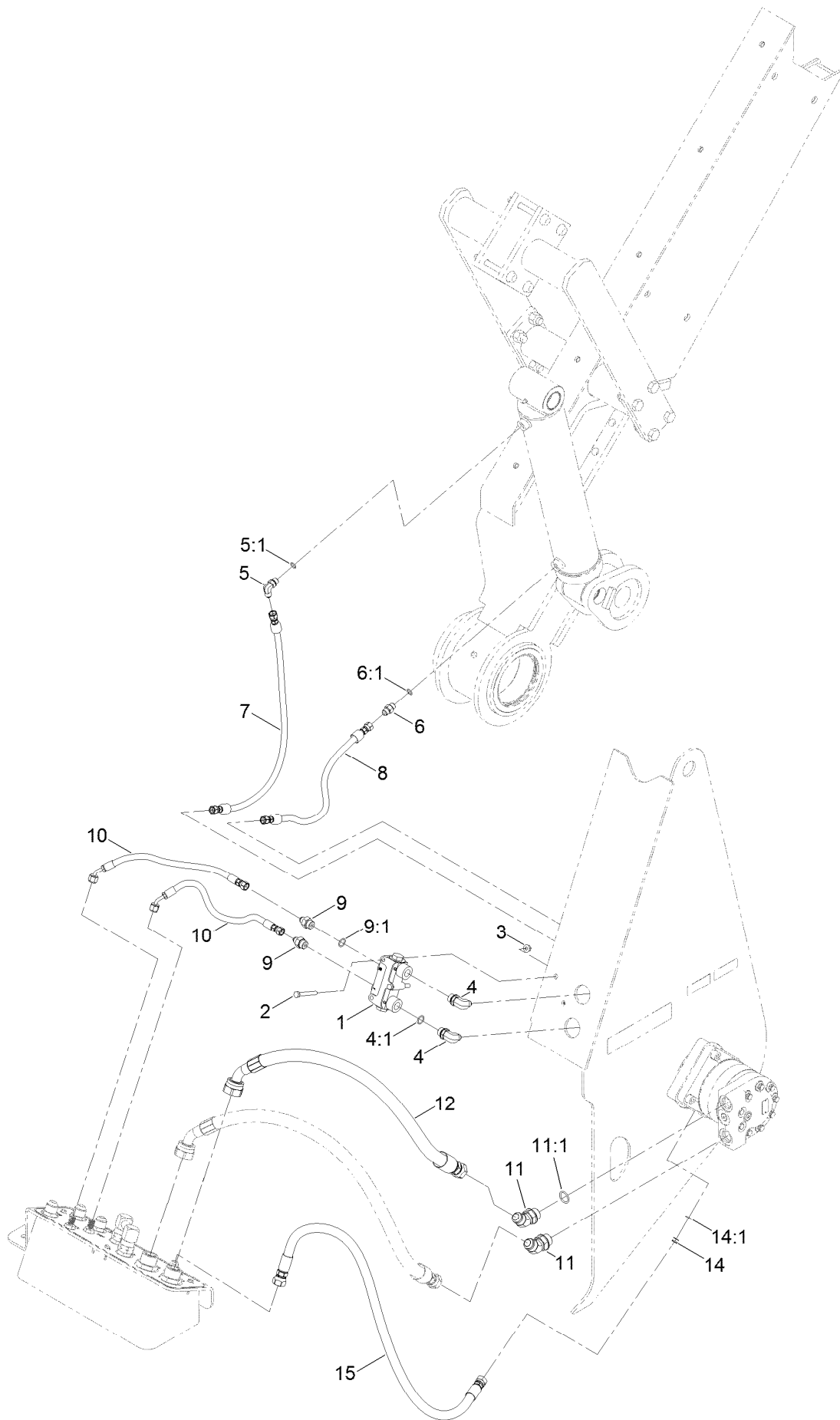
Hydraulic Cylinder Assembly No. 131-2471 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-2627	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Backup ●
1:3		1	Seal-Psp ●
1:4		1	Ring-Wear ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	Seal-Bt ●
1:6		1	Ring-Wear ●
1:7		1	Seal-Dust ●
1:8		1	O-Ring ●
2	302-2	2	Fitting-Grease

● Not serviced separately

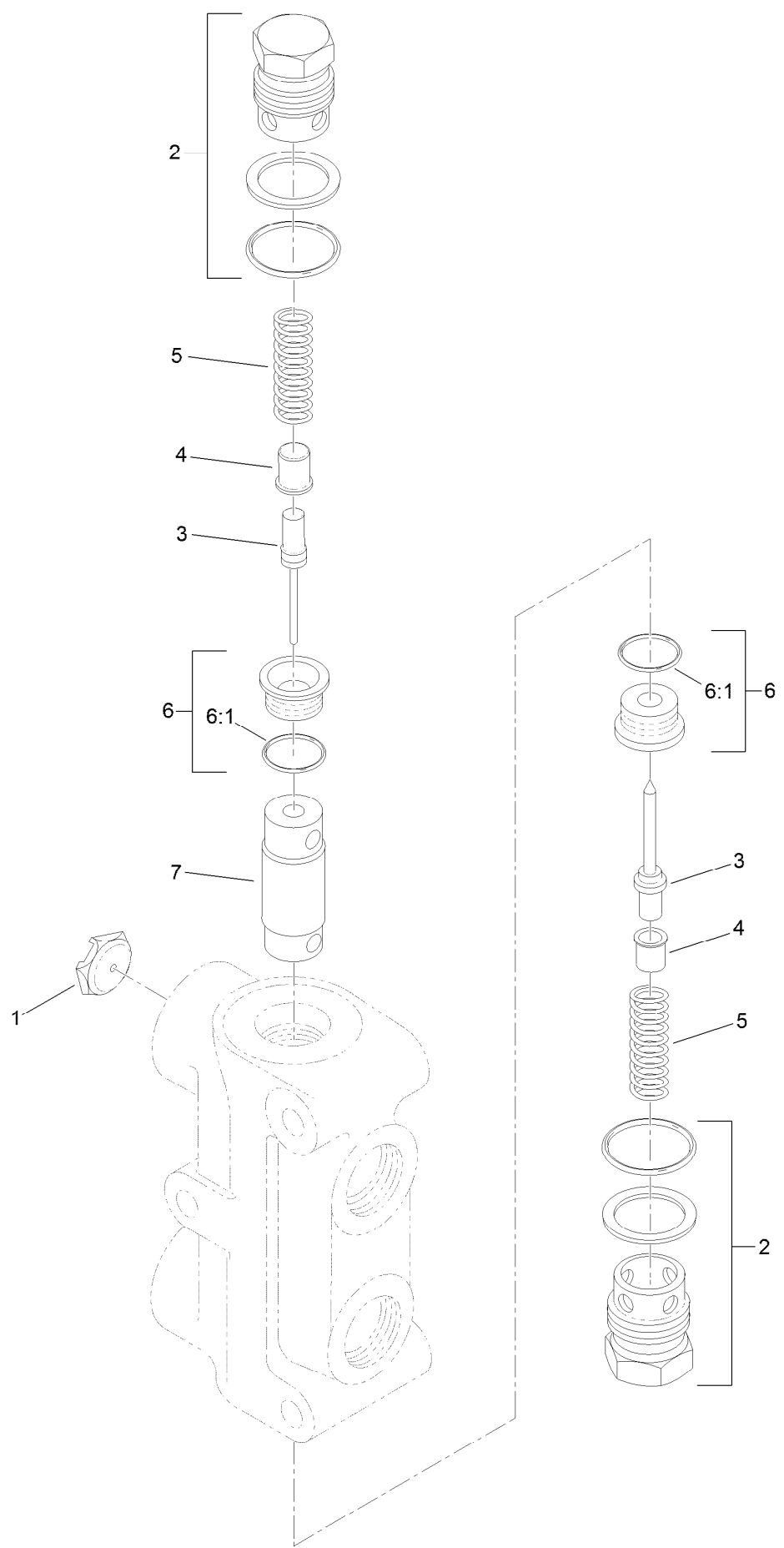
Hydraulic Hose Assembly



Hydraulic Hose 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	AUH672547	1	HYD Lockout Valve ASM	8	127-1015	1	Hose ASM
2	322-12	2	Screw-HH	9	AU218-5058	2	Connector
3	119-4041	2	Nut-Flange, NI	9:1	237-79	1	O-Ring
4	353-537	2	Fitting-Elbow, 90 DEG	10	127-1206	2	Hose ASM HYD
4:1	237-79	1	O-Ring	11	131-2606	2	Fitting-Jic 37
5	353-374	1	Fitting-Elbow, 90 DEG	11:1	237-81	1	O-Ring
5:1	237-42	1	O-Ring	12	131-2605	2	Hose ASM
6	353-384	1	Fitting-Straight	14	AU218-5529	1	Fitting-Elbow, 45
6:1	237-42	1	O-Ring	14:1	237-42	1	O-Ring
7	125-6778	1	Hose ASM	15	131-2867	1	Hose ASM-HYD HP

Lockout Valve Assembly No. AUH672547

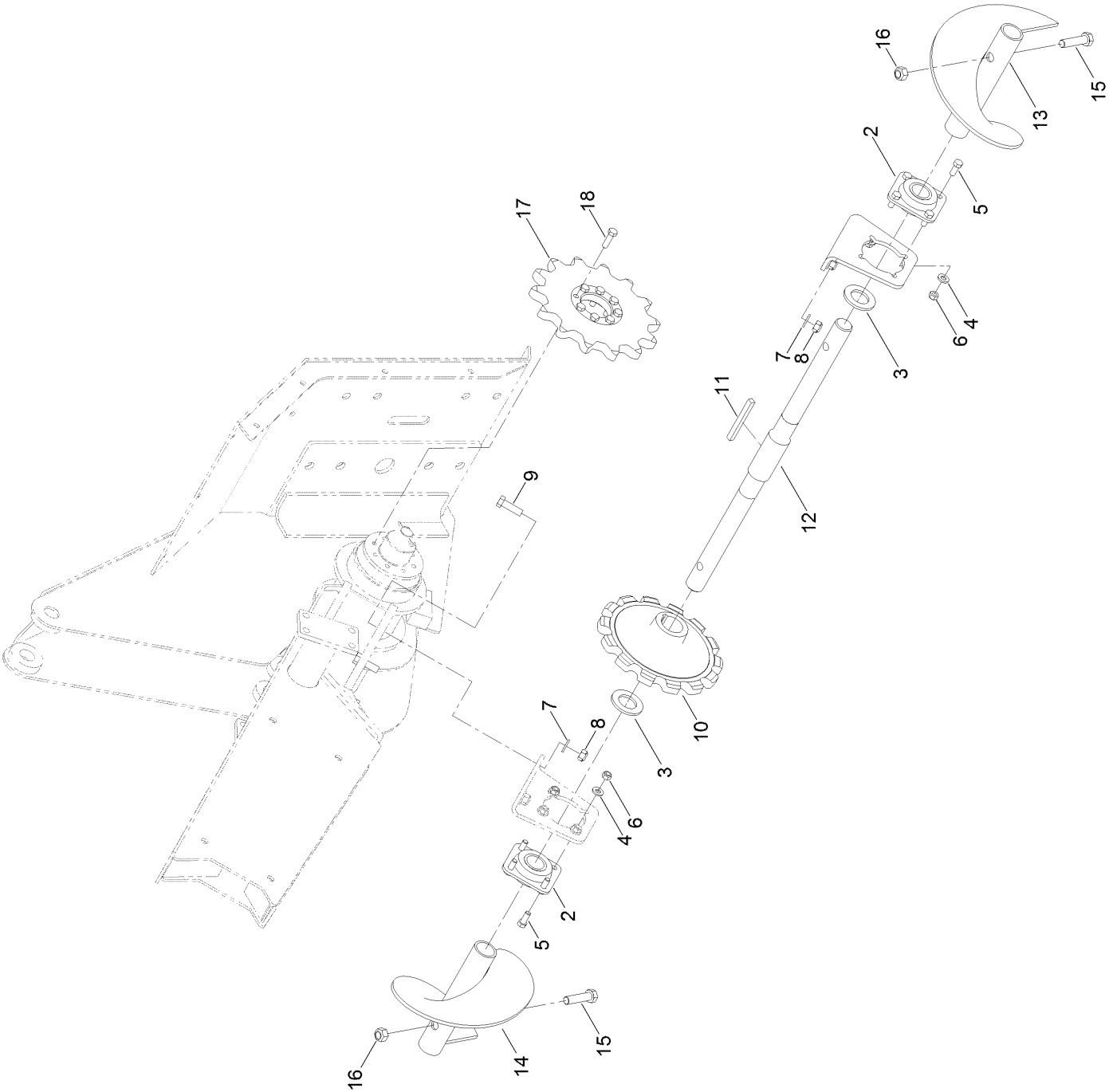


Lockout Valve Assembly No. AUH672547 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AUH270603	1	Plate-Orifice
2	AUA43525	2	Plug ASM
3	AUF88777	2	Poppet
4	AUN13488	2	Eyelet-Poppet

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	AU85069C1	2	Spring
6	AUN13369	2	Seat ASM
6:1	AUL33213	1	O-Ring
7	AUN13489	1	Plunger

Auger Assembly



Auger Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	AUST491A	2	Bearing	11	AUH433528	1	Key-Square
3	AU126436A1	2	Washer	12	AU108700A1	1	Shaft-Auger
4	AUH274894	8	Washer	13	AU108705A1-03	1	Auger-RH
5	117-3266	8	Screw-HH	14	AU108704A1-03	1	Auger-LH
6	97-1206	8	Locknut	15	328-25	2	Screw-HH
7	AUH426809	4	Washer-Flat	16	120-7252	2	Nut-Lock
8	105-0369	4	Nut-Crownlock	17	131-2643-03	1	Sprocket-14 Teeth
9	327-26	4	Screw-HH	18	121-1524	8	Screw-HH
10	AU126170A1-03	1	Sprocket-Auger, 14T				

Notes:

Notes:



Count on it.