Form No. 3471-606 Rev B

TORO®

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Parts Catalog

Power Rotating Log Grapple Attachment

Model No. 23138—Serial No. 324000000 and Up

Register at www.Toro.com.
Original Instructions (EN)

3471-606 B

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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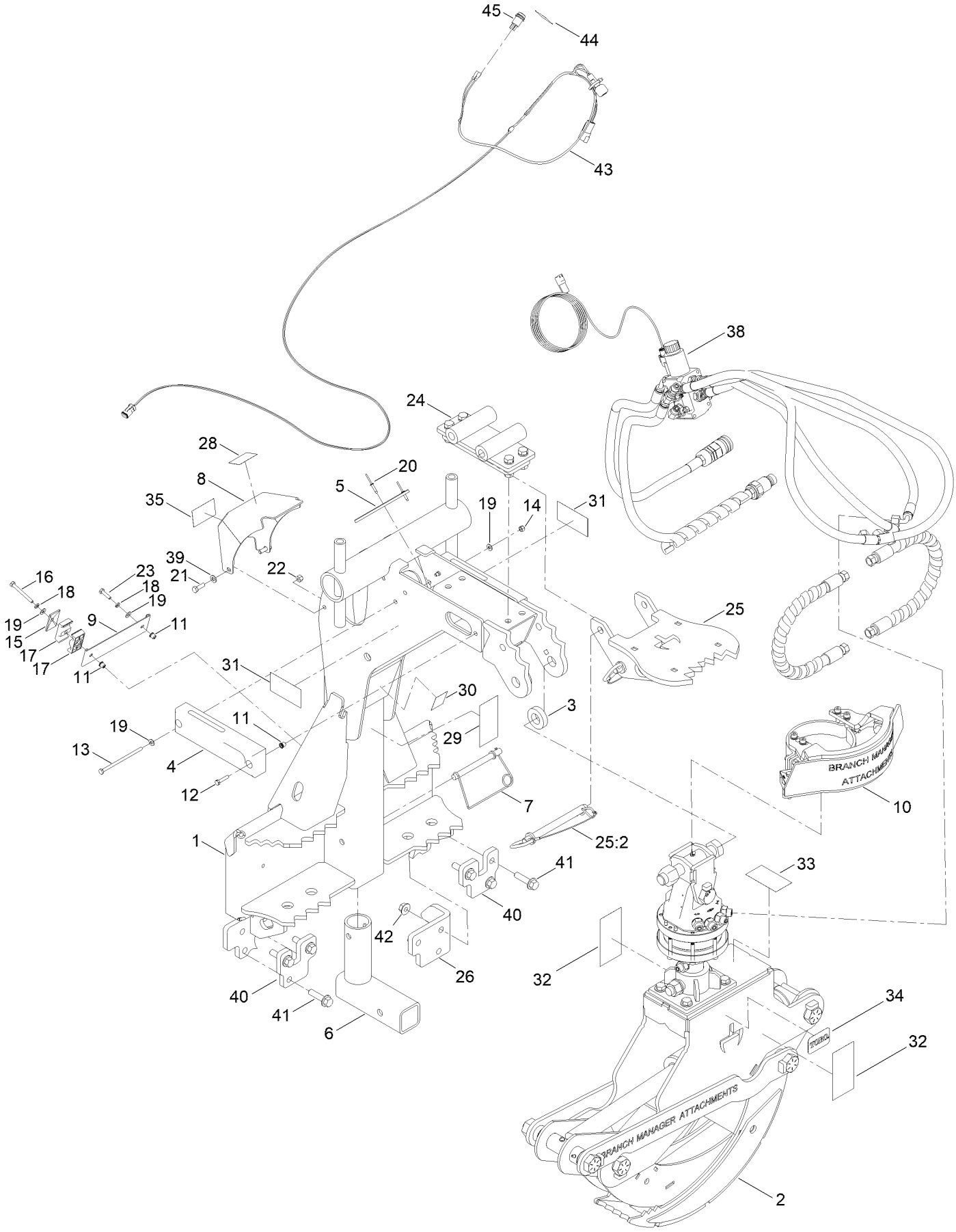
Power Rotating Log Grapple Assembly

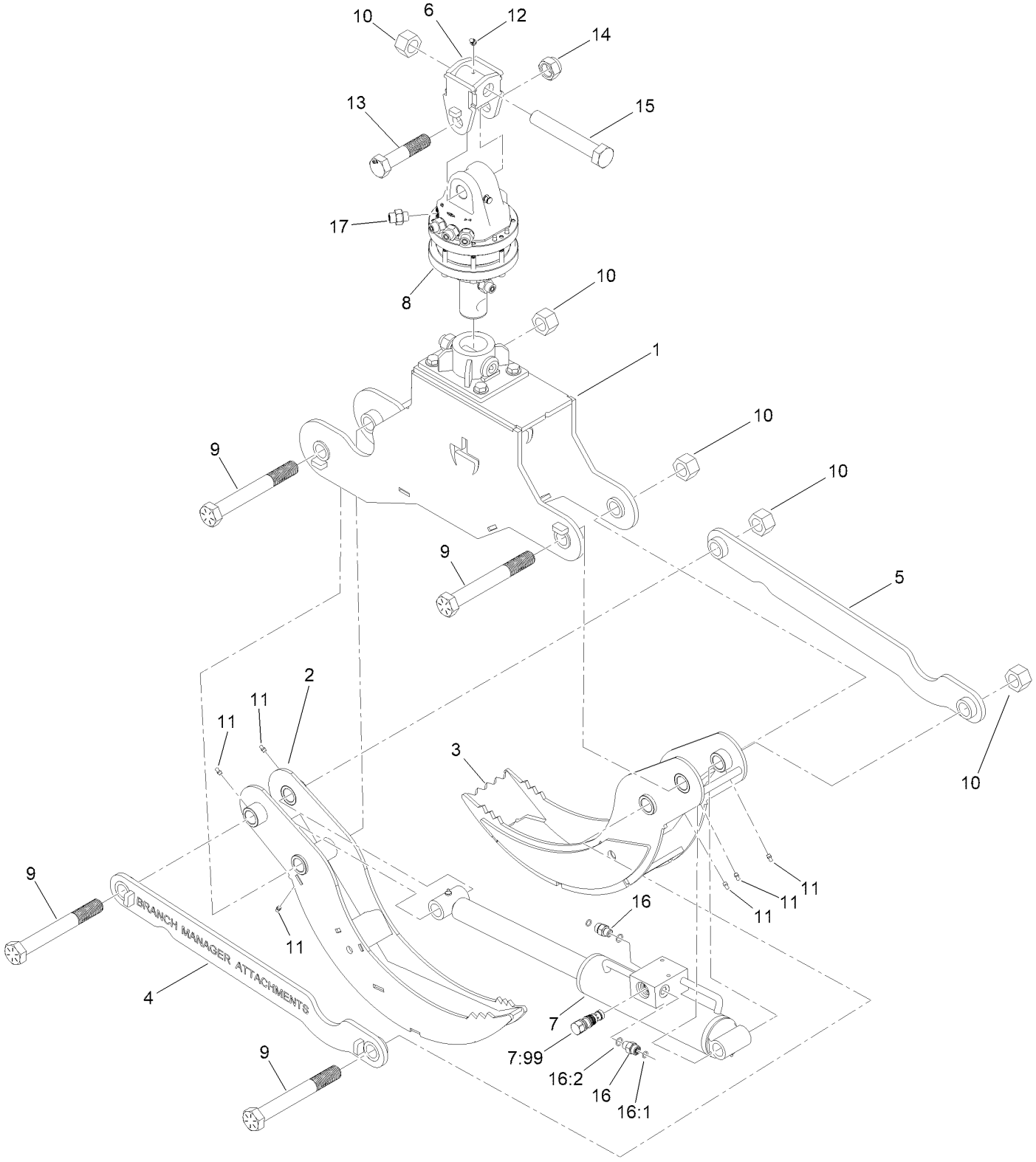


Power Rotating Log Grapple Assembly (continued)

Ref.	Part Number	Qty.	Description
1	163-3577	1	Frame-Hanger, Pwr Log Grapple
2	163-3580	1	Powered Grapple Head
3	163-3555	2	Spacer, Hanger
4	163-3557	2	Scabbard-Saw
5	163-3558	1	Protector-Hose, Rear
6	163-3556	1	Hitch-Receiver
7	127-0897	1	Pin-Lynch
8	163-3578	1	Cover-Diverter
9	163-3565	1	Bracket-Hose Mount
10	163-3579	1	Hose Guard ASM
11	163-3562	6	Nut-Insert
12	321-8	4	Screw-HH
13	321-36	1	Screw-HH
14	3296-42	1	Nut-Lock, NI
15	163-3581	1	Top, Hose Clamp
16	321-15	1	Screw-HH
17	163-3582	2	Clamp-Hose, Plastic
18	1-805004	2	Washer-Lock
19	3256-1	6	Washer-Flat
20	3269-28	2	Rivet-Pop
21	322-5	2	Screw-HH
22	3296-29	2	Nut-Lock, NI
23	321-6	1	Screw-HH
24	163-3616	1	Protector-Hose, Mount ASM
25	163-3595	1	Protector-Hose, Front ASM
25:2	163-3615	2	Pin/Lanyard ASM
26	163-8873	1	Bracket, LH
28	163-3626	1	Decal-Bollard Capacity
29	163-3625	1	Decal-Collision Hazard
30	163-3628	1	Decal-Hitch Capacity
31	163-3629	2	Decal-Crushing Warning
32	147-5649	2	Decal-Warning Moving Parts
33	163-3630	1	Decal-Moving Parts ISO
34	138-4105	1	Decal-Logo
35	163-3627	1	Decal-Rated Capacity
38		1	Hoses And Diverter ASM ●
39	3256-23	2	Washer-Plain
40	163-8874	2	Bracket, Backstop
41	133-0041	6	Screw-HF
42	32128-49	6	Nut-HHF
43	122-4258	1	Harness-Wire, Grapple Kit Tx1300
44	163-5347	1	Decal-Grapple Attachment
45	131-0040	1	Lamp-Indicator, LED

● Not serviced separately

Powered Grapple Assembly No. 163-3580

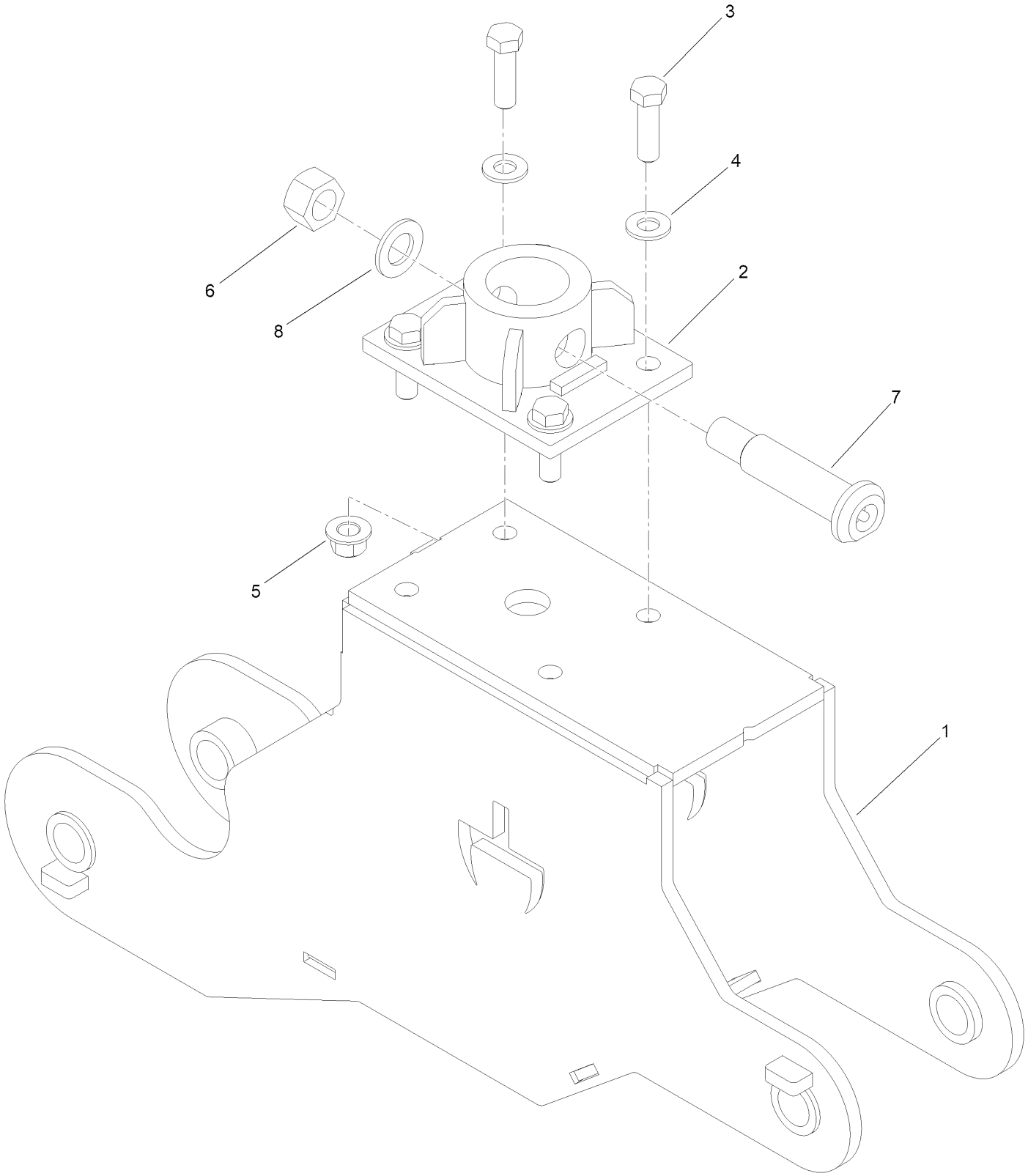


Powered Grapple Assembly No. 163-3580 (continued)

Ref.	Part Number	Qty.	Description
1	163-3596	1	Body-Rotator ASM
2	163-3567	1	Arm-Grapple, Small
3	163-3568	1	Arm-Grapple, Large
4	163-3569	1	Arm-Transfer, Front
5	163-3570	1	Arm-Transfer, Rear
6	163-3597	1	Knuckle-Rotator
7	163-3572	1	Cylinder
7:99	163-3612	1	Kit-Seal Cylinder ●
7:99	163-3613	1	Valve-Check
8	163-3598	1	Rotator-HYD
8:99	163-3611	1	Kit-Seal Rotator ●
9	163-3575	4	Screw-HH
10	HDW07704	5	Nut
11	302-19	6	Fitting-Grease
12	302-61	1	Fitting-Grease
13	163-3599	1	Screw-HH
14	136-4832	1	Nut-Hex
15	120-0887	1	Screw-HH
16	340-2	2	Fitting-Straight
16:1	237-22	1	O-Ring
16:2	237-42	1	O-Ring
17	163-3600	6	Fitting-Straight, Washer

● Not illustrated

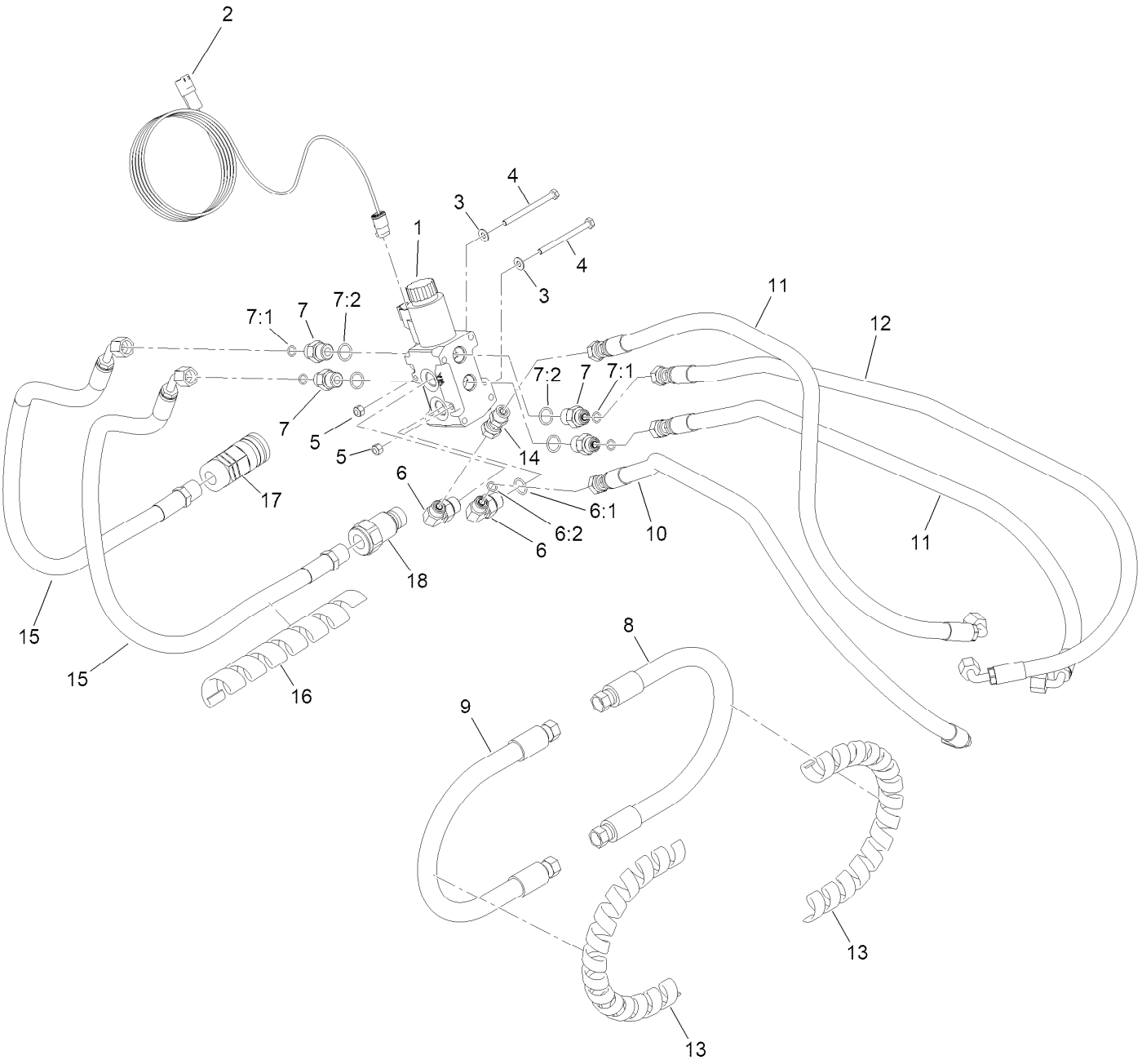
Rotator Body Assembly No. 163-3596



Rotator Body Assembly No. 163-3596 (continued)

Ref.	Part Number	Qty.	Description
1	163-3601	1	Body-Head
2	163-3602	1	Bracket-Rotator
3	121-1524	4	Screw-HH
4	3256-26	4	Washer-Flat
5	139-1689	4	Nut-HF
6	33029-00	1	Nut-Lock, NI
7	163-3603	1	Pin-Rotator
8	33099-00	1	Washer-Flat

Hoses and Diverter Assembly



Hoses and Diverter Assembly (continued)

Ref.	Part Number	Qty.	Description
1	163-3592	1	Valve-Diverter
2	163-3593	1	Harness-Diverter
3	3256-1	2	Washer-Flat
4	321-20	2	Screw-HH
5	3296-42	2	Nut-Lock, NI
6	340-18	2	Fitting-HYD, 90 DEG
6:1	237-79	1	O-Ring
6:2	237-22	1	O-Ring
7	340-3	4	Fitting-Straight
7:1	237-22	1	O-Ring
7:2	237-79	1	O-Ring
8	163-3583	1	Hose ASM
9	163-3584	1	Hose ASM
10	163-3585	1	Hose ASM
11	163-3586	2	Hose ASM
12	163-3587	1	Hose ASM
13	163-3589	2	Wrap-Spiral
14	163-3591	1	Fitting-Straight, Restrictor
15	163-3588	2	Hose ASM
16	163-3590	1	Wrap-Spiral
17	163-3560	1	Coupler-Female, Flat Face
18	163-3559	1	Coupler-Male, Flat Face
99	163-3622	2	Sleeve-Hose, 74 In ●
99	163-3621	1	Sleeve-Hose, 51 In ●
99	163-3620	2	Sleeve-Hose, 45 In ●
99	163-3619	1	Sleeve-Hose, 43 In ●

● Not illustrated

Count on it.