



Form No. 3380-488 Rev B

Count on it.

Parts Catalog

ProCore® SR54 Aerator

Model No. 09931—Serial No. 314000001 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.

Contents

Drive Assembly 4

Gearbox Assembly No. SG507000-03 5

PTO Shaft Assembly No. SG528004 6

Frame and Roller Assembly 7

Hydraulic Cylinder Assembly SG715010 9

LH Crankshaft Assembly..... 10

Center Crankshaft Assembly 11

RH Crankshaft Assembly 12

Idler Assembly 13

Connecting Rod Assembly 14

Hinge Assembly 15

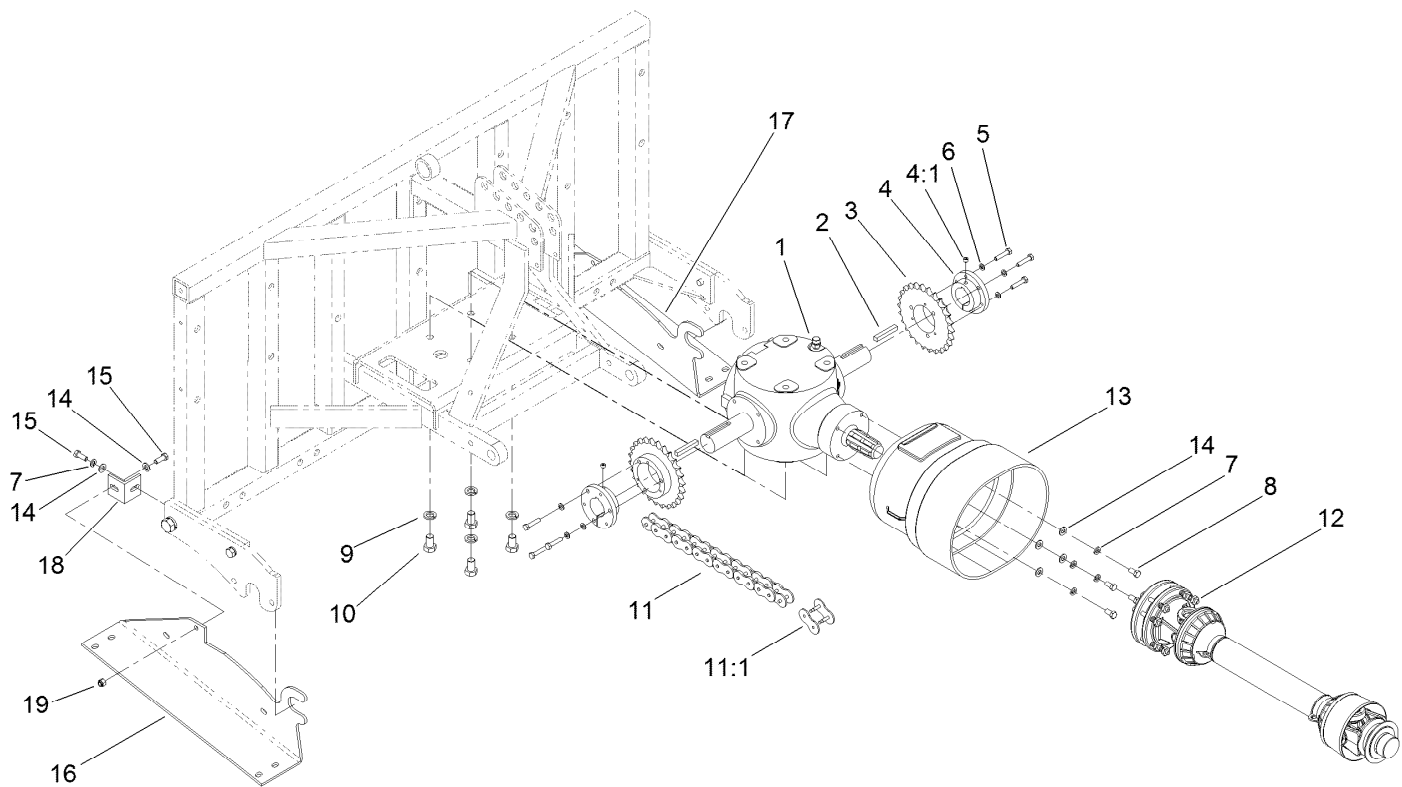
Linkage Arm Assembly 16

Head and Spring Assembly 17

Screen and Hood Assembly 18

Rear Guard Assembly 19

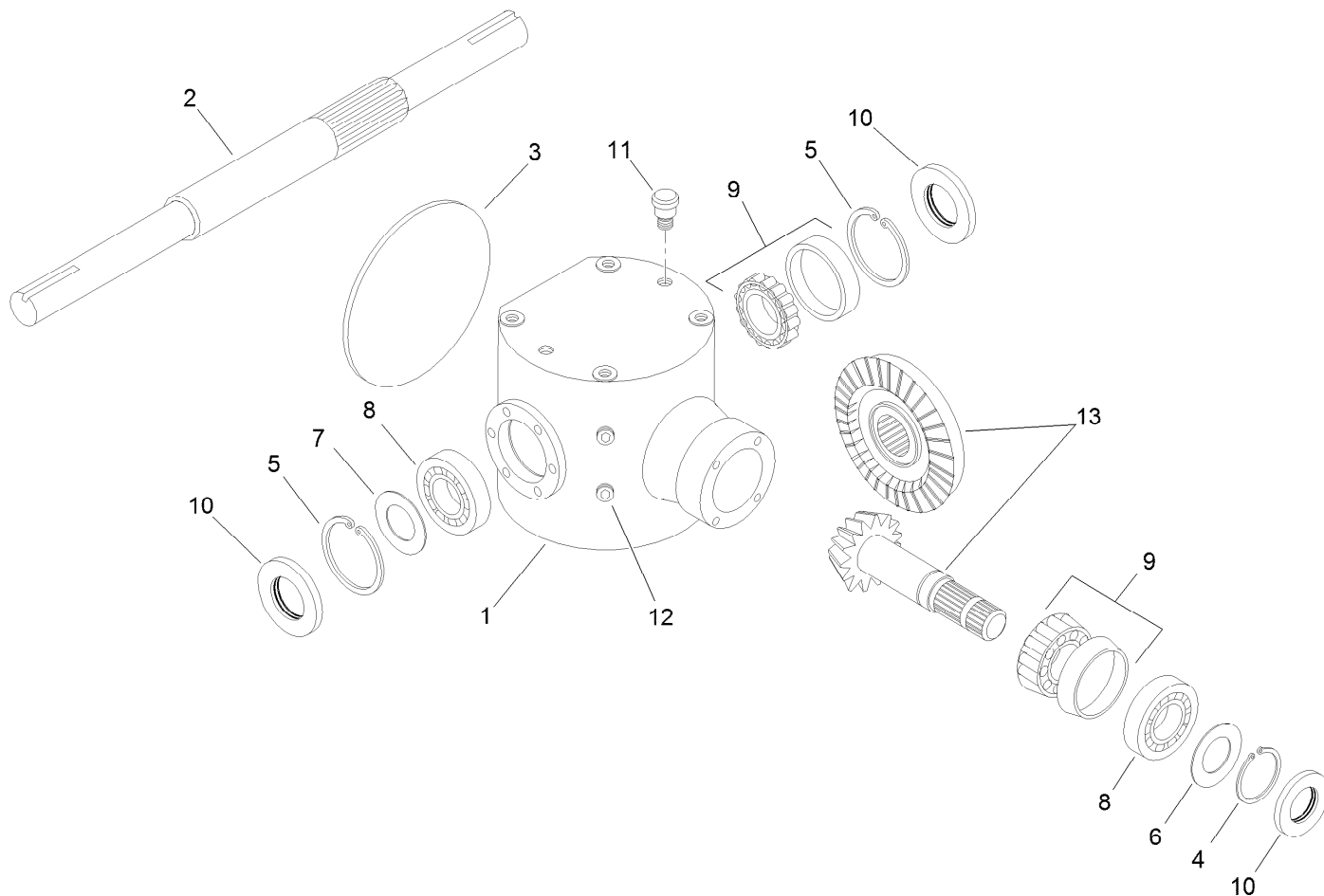
Attachments and Accessories 20



Drive Assembly

Ref.	Part Number	Qty.	Description
1	SG507000-03	1	Gearbox
2	80-6140	2	Key-Square
3	SG517026	2	Gearbox-Sprocket
4	SG527054	2	Sprocket-Hub
4:1	3246-4	1	Screw-Set
5	5-1470	6	Screw-HH
6	3253-4	6	Washer-Lock
7	3253-21	6	Washer-Lock
8	323-4	4	Screw-HH
9	3253-8	4	Washer-Lock
10	327-3	4	Screw-HH

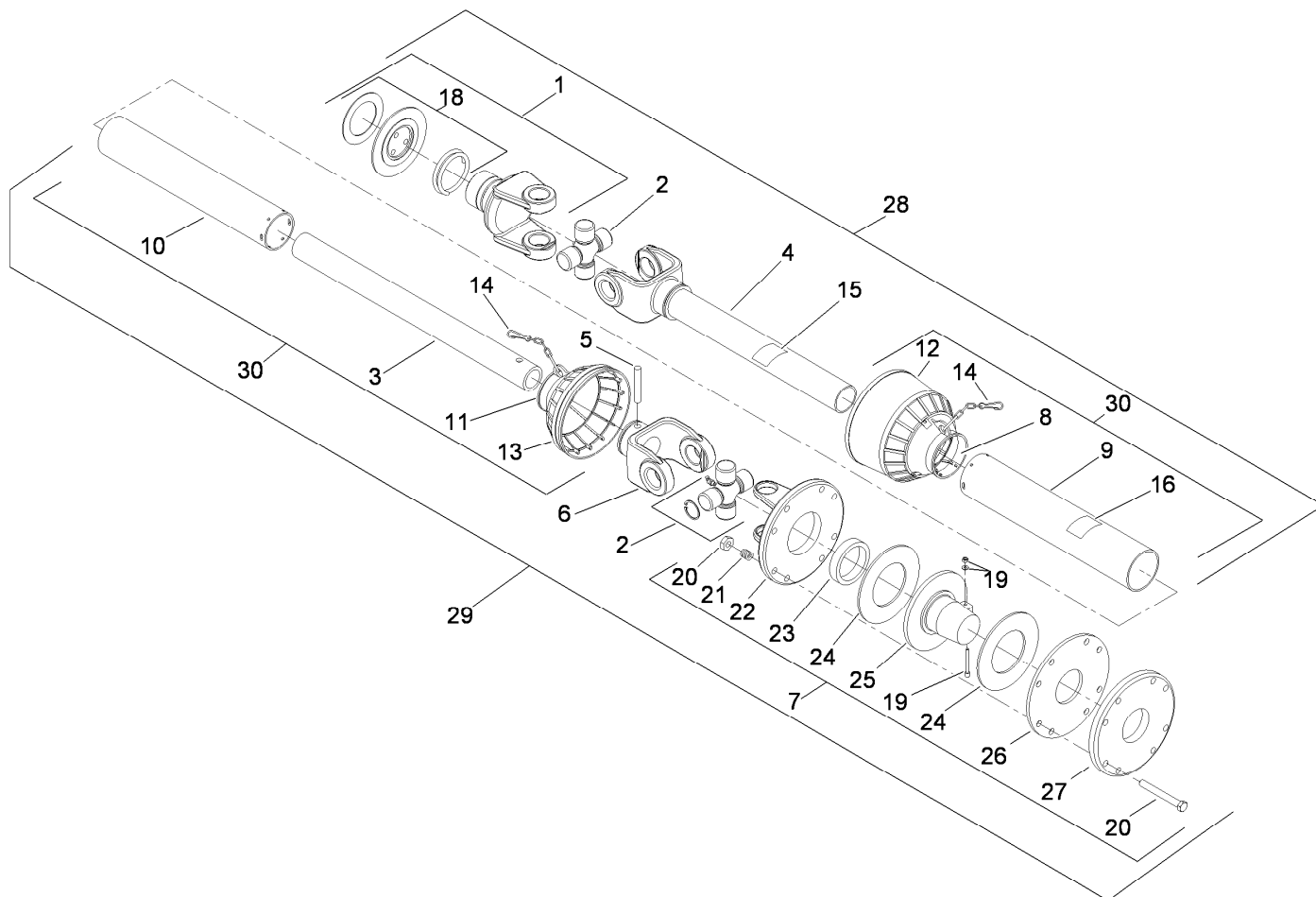
Ref.	Part Number	Qty.	Description
11	SG580154	2	Chain-O-Ring
11:1	SG581083	1	Link-Master
12	SG528004	1	Shaft-PTO
13	SG4170401	1	Cone-Shaft
14	3256-24	8	Washer-Plain
15	323-6	4	Screw-HH
16	117-7138-03	1	Stand-Storage, RH
17	117-7139-03	1	Stand-Storage, LH
18	117-7081-03	2	Angle-Mounting
19	3296-39	2	Nut-Lock, NI



Gearbox Assembly No. SG507000-03

Ref.	Part Number	Qty.	Description
1		1	Housing-Gearbox ●
2	119-3236	1	Shaft-Output
3	119-3222	1	Cover-Housing, Gearbox
4	119-3224	1	Circlip-External
5	119-3225	2	Circlip-External
6	119-3226	1	Shim Kit
7	119-3227	1	Shim Kit
8	119-3228	2	Bearing-Ball
9	119-3230	2	Bearing-Roller Gearbox
10	119-3231	3	Seal-Oil
11	119-3218	1	Plug-Breather
12	119-3219	3	Plug-HSH
13	119-3232	1	Gear-Bevel, Gearbox

● Not serviced separately



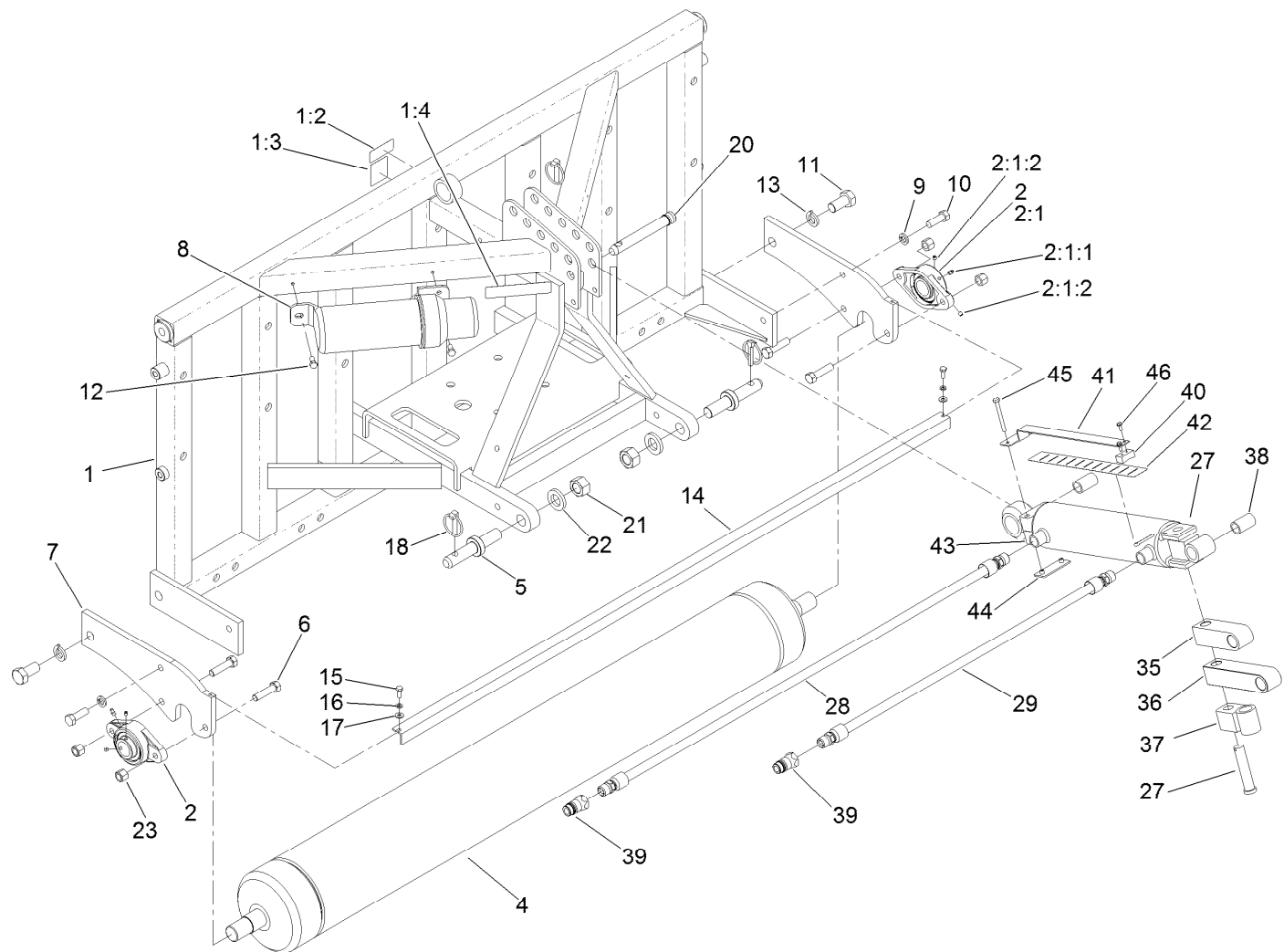
PTO Shaft Assembly No. SG528004

Ref.	Part Number	Qty.	Description
1	119-3100	1	Yoke-Tractor Side
2	119-3101	2	Cross And Bearing Kit
3		1	Tube-Inner (Male PTO #4) ■
4		1	Yoke W/ Tube #4 ■
5	119-3104	1	Pin-Roll
6		1	Tube-Inner, Yoke #4 ■
7	119-3106	1	Clutch ASM
8		1	Support-Shield ■
9		1	Tube-Safety ■
10		1	Tube-Safety ■
11		1	Connector ■
12		1	Cone Sets ■
13		1	Shield-Clutch ■
14	119-3113	2	Chain-Safety
15	119-3114	1	Decal-Danger

Ref.	Part Number	Qty.	Description
16	119-3115	1	Decal-Danger
17	119-3116	1	Booklet-Instruction, Usa ●
18	119-3117	1	Ball And Collar Kit
19	119-3118	1	Screw And Nut ASM
20	119-3119	8	Bolt And Nut ASM
21	119-3120	8	Spring
22		1	Yoke-Flange ■
23		1	Bushing ■
24	119-3123	2	Plate-Clutch
25		1	Hub ■
26	119-3125	1	Plate-Pressure
27	119-3126	1	Plate-Pressure, PTO
28	119-3127	1	Half Shaft ASM
29	119-3128	1	Half Shaft ASM
30	119-3129	1	Complete Shield ASM

● Not illustrated

■ Not serviced separately

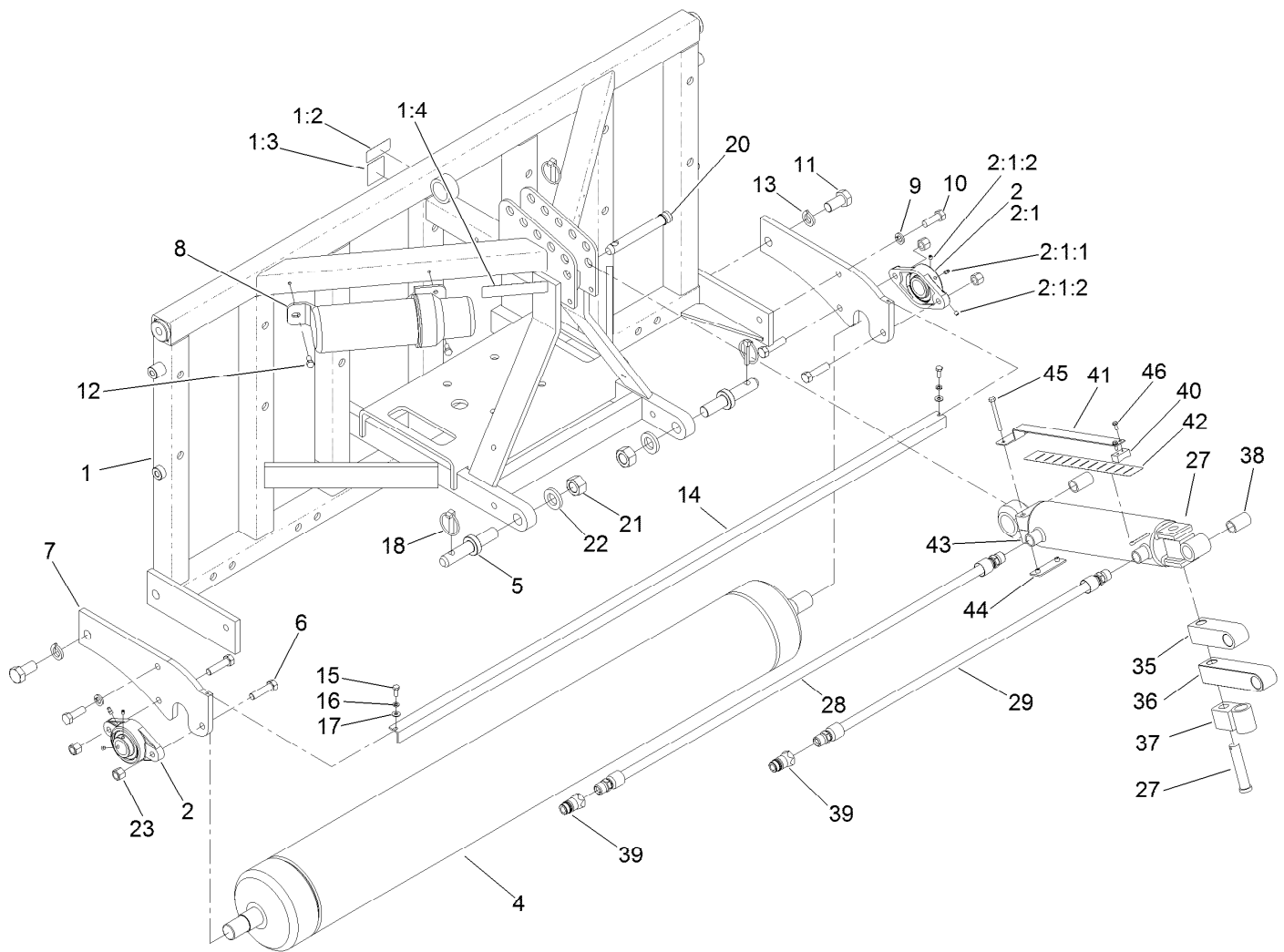


Frame and Roller Assembly

Ref.	Part Number	Qty.	Description
1	120-1055	1	Frame ASM
1:2	117-7052	1	Decal-No Oil
1:3	100-3612	1	Decal-Warning
1:4	110-4668	1	Decal-Warning, PTO
2	SG637070-03	2	Bearing-Roller
2:1		1	Bearing-Flange ●
2:1:1	3245-35	2	Screw-Set, HSH
2:1:2	302-19	1	Fitting-Grease
4	SG627054-03	1	Roller-Main
5	110-4314	2	Pin-Link, Cat 2
5	110-4315	2	Pin-Link, Cat 1
6	SG271517	4	Screw-HH
7	SG639072-01	2	Boot-Roller, Single
8	SG999018	1	Canister-Manual, Operators
9	3253-7	2	Washer-Lock
10	325-6	2	Screw-HH
11	328-26	2	Screw-HH
12	322-3	2	Screw-HH

Ref.	Part Number	Qty.	Description
13	3253-9	2	Washer-Lock
14	SG678908-03	1	Scraper
15	321-4	2	Screw-HH
16	3253-3	2	Washer-Lock
17	3256-22	2	Washer-Flat
18	100-5389	3	Pin-Lynch
20	SG715450	1	Pin-Link, Top
21	3219-18	2	Nut-Hex
22	104-8322	2	Washer-Hardened
23	3296-23	4	Nut-Lock, NI
27	SG715010	1	HYD Cylinder ASM
28	SG795250	1	Hose ASM (Long)
29	SG795245	1	Hose ASM (Short)
35	SG795554-03	1	Extension-Adapter, 3.50 Inch
36	SG795551-03	1	Extension-Adapter, 5.50 Inch
37	117-7124-03	1	Mount-Adapter, 90 DEG

● Not serviced separately

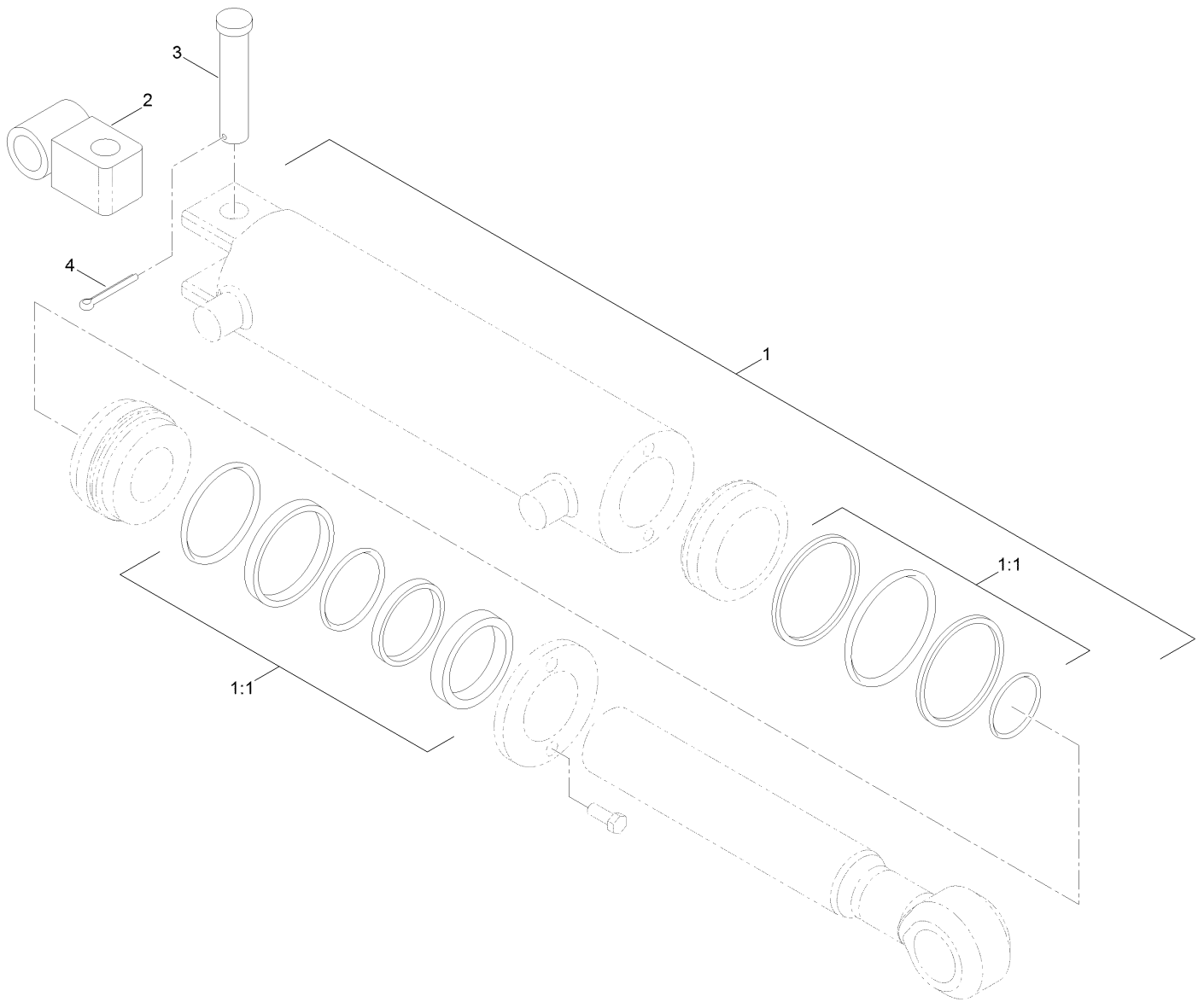


Frame and Roller Assembly (continued)

Ref.	Part Number	Qty.	Description
38	SG555013	2	Bushing
39	120-1032	2	Fitting-HYD
40	121-2189	1	Block-Slide
41	121-6918-01	1	Gauge-Depth
42	121-6926	1	Decal-Depth

Ref.	Part Number	Qty.	Description
43	121-6949	1	Clamp-Tube
44	125-3301	1	Plate-Weld
45	321-15	2	Screw-HH
46	3290-321	2	Screw-HWH

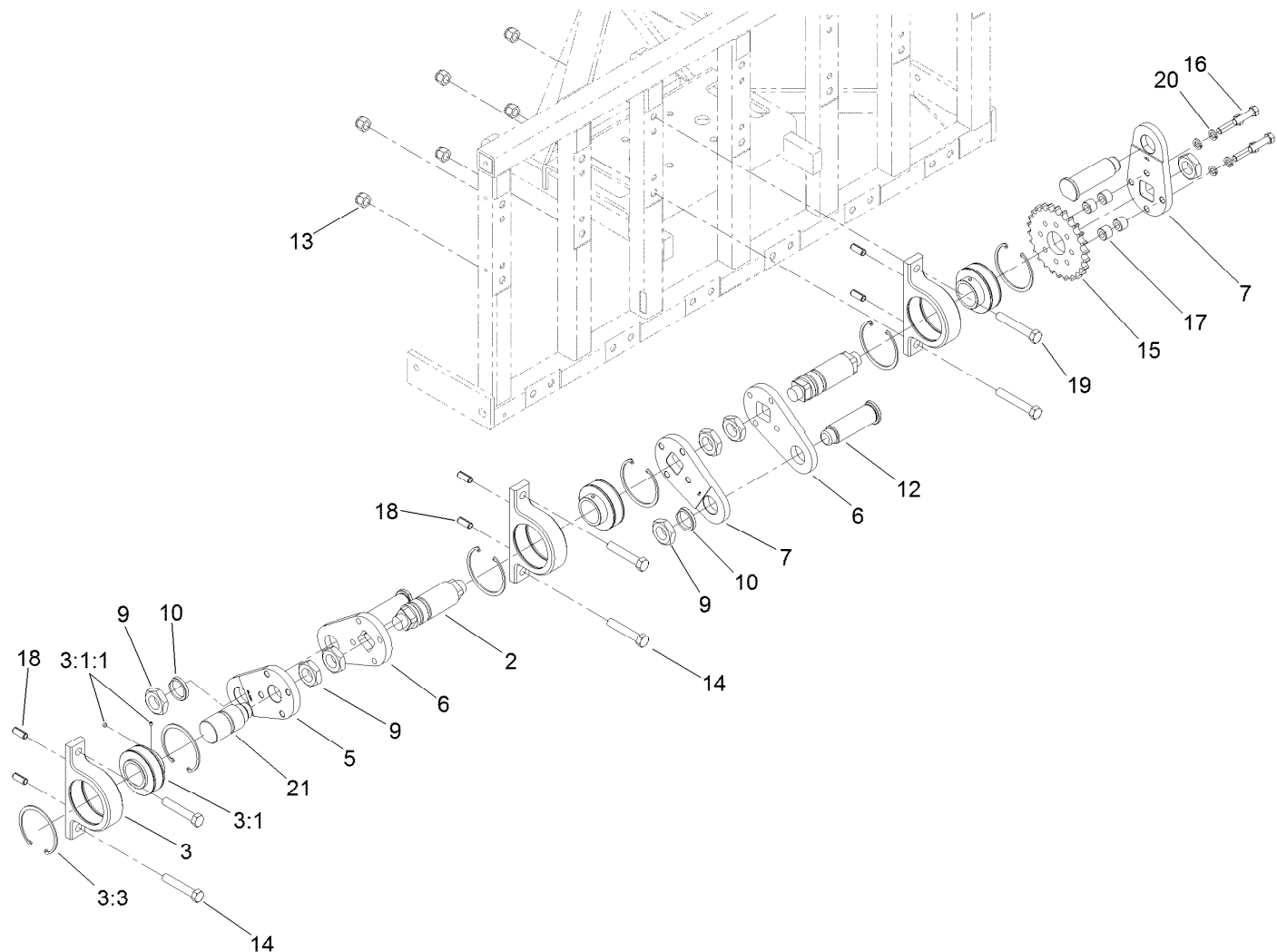
● Not serviced separately



Hydraulic Cylinder Assembly SG715010

Ref.	Part Number	Qty.	Description
1		1	Cylinder-HYD ●
1:1	117-7175	1	Seal Kit
2	117-7182-03	1	Pivot-End, Cylinder
3	108-2800	1	Pin-Clevis
4	3272-23	1	Pin-Cotter

● Not serviced separately

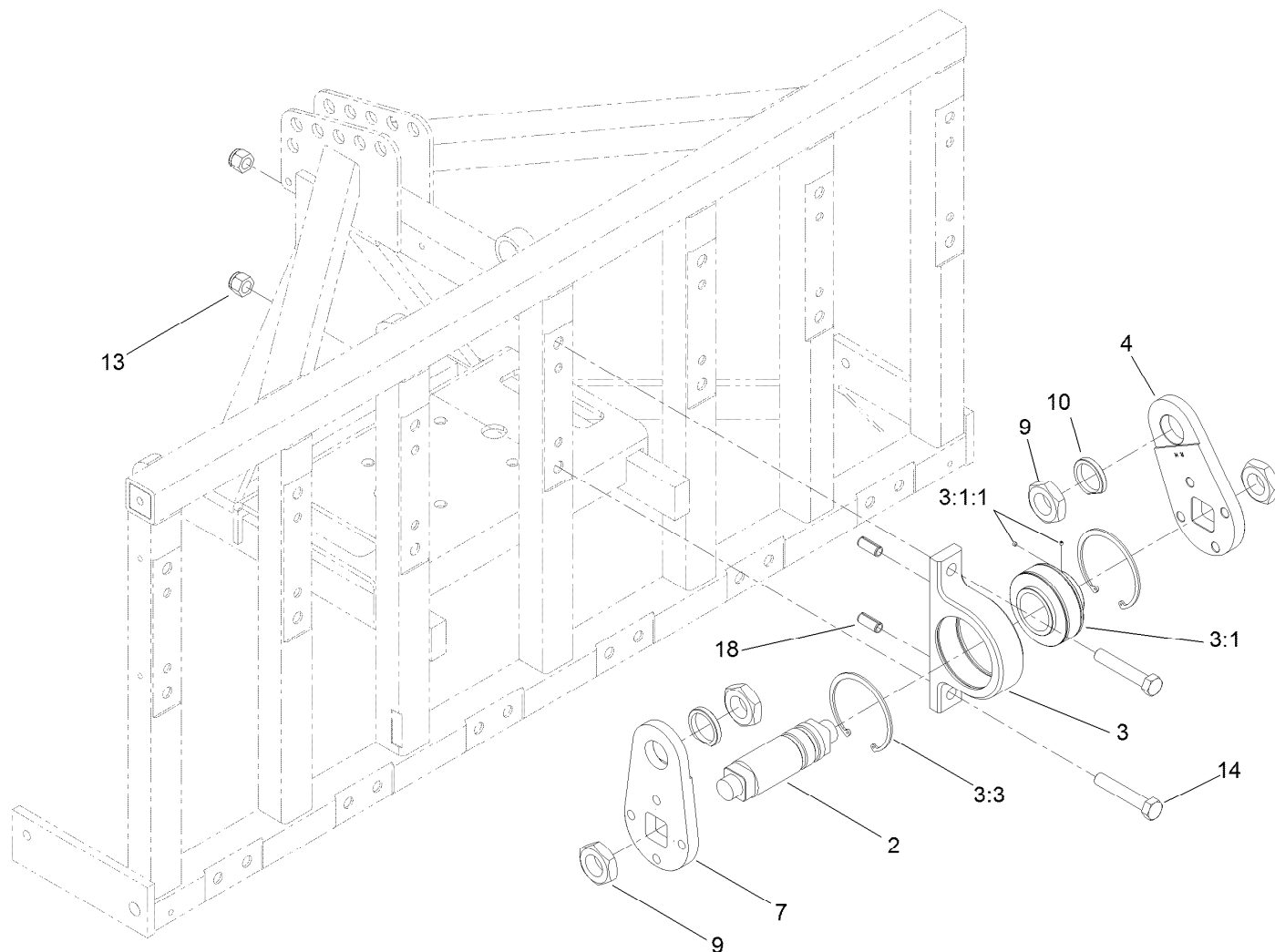


LH Crankshaft Assembly

Ref.	Part Number	Qty.	Description
2	SG217354	2	Crankshaft
3	121-6905	3	Main Bearing Housing ASM
3:1		1	Bearing-Ball ●
3:1:1	99-0195	2	Screw-Set, HSH
3:3	SG427540	2	Ring-Retaining
5	SG207054	1	Arm-Crank
6	SG217254	2	Arm-Crank, Left
7	SG217054	2	Arm-Crank
9	SG267200	7	Nut-Hex
10	SG247540	2	Washer-Clipped

Ref.	Part Number	Qty.	Description
12	SG257054	3	Pin-Crank
13	3296-53	6	Nut-Lock, NI
14	327-14	4	Screw-HH
15	SG217026	1	Sprocket-Crank
16	SG271517	4	Screw-HH
17	SG267500	4	Spacer
18	105-1041	6	Pin-Spring
19	327-16	2	Screw-HH
20	3253-7	4	Washer-Lock
21	SG217557	1	Shaft-Stub, Outside

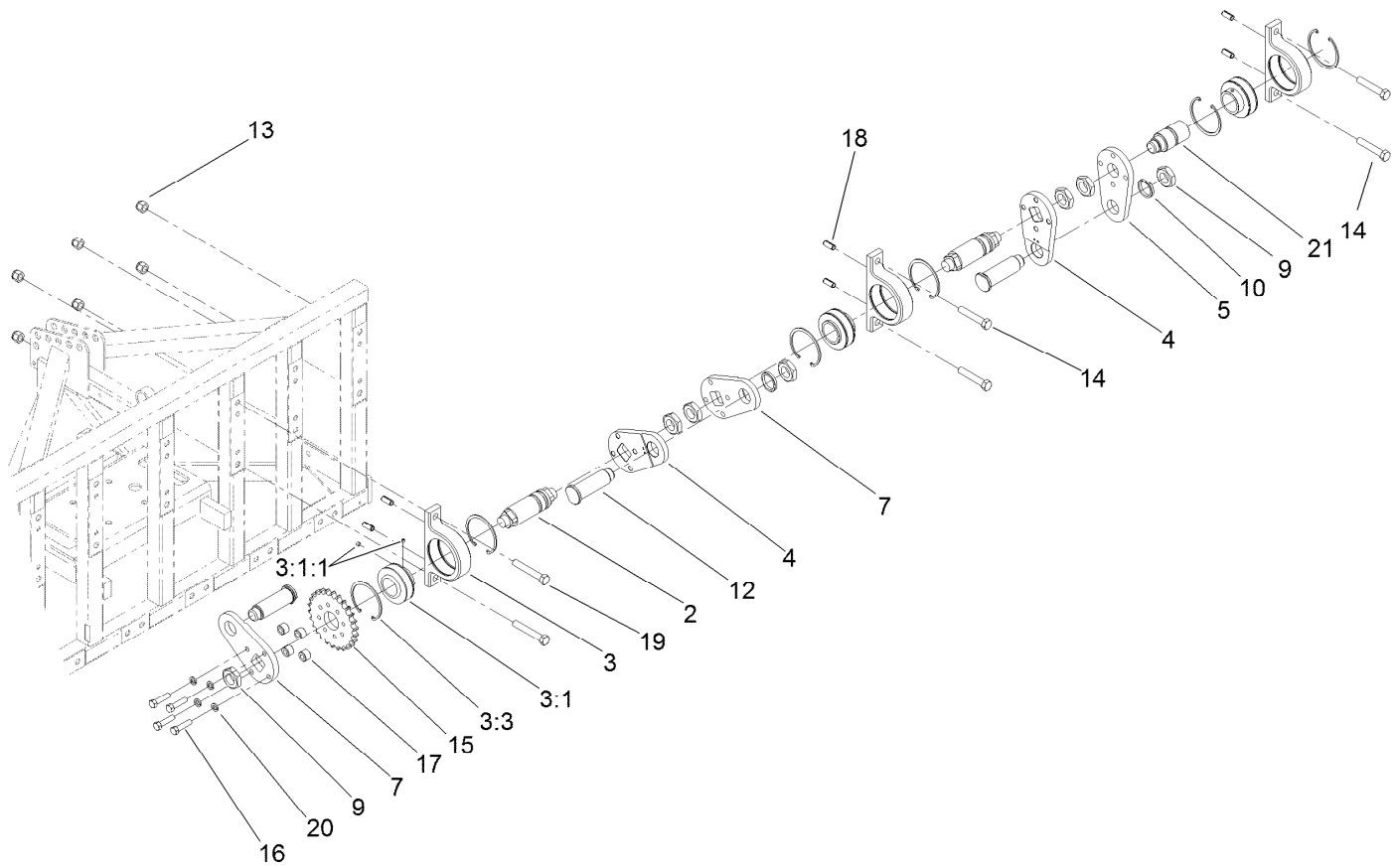
● Not serviced separately



Center Crankshaft Assembly

Ref.	Part Number	Qty.	Description
2	SG217354	1	Crankshaft
3	121-6905	1	Main Bearing Housing ASM
3:1		1	Bearing-Ball ●
3:1:1	99-0195	2	Screw-Set, HSH
3:3	SG427540	2	Ring-Retaining
4	SG217154	1	Arm-Crank, Right
7	SG217054	1	Arm-Crank
9	SG267200	4	Nut-Hex
10	SG247540	2	Washer-Clipped
13	3296-53	2	Nut-Lock, NI
14	327-14	2	Screw-HH
18	105-1041	2	Pin-Spring

● Not serviced separately

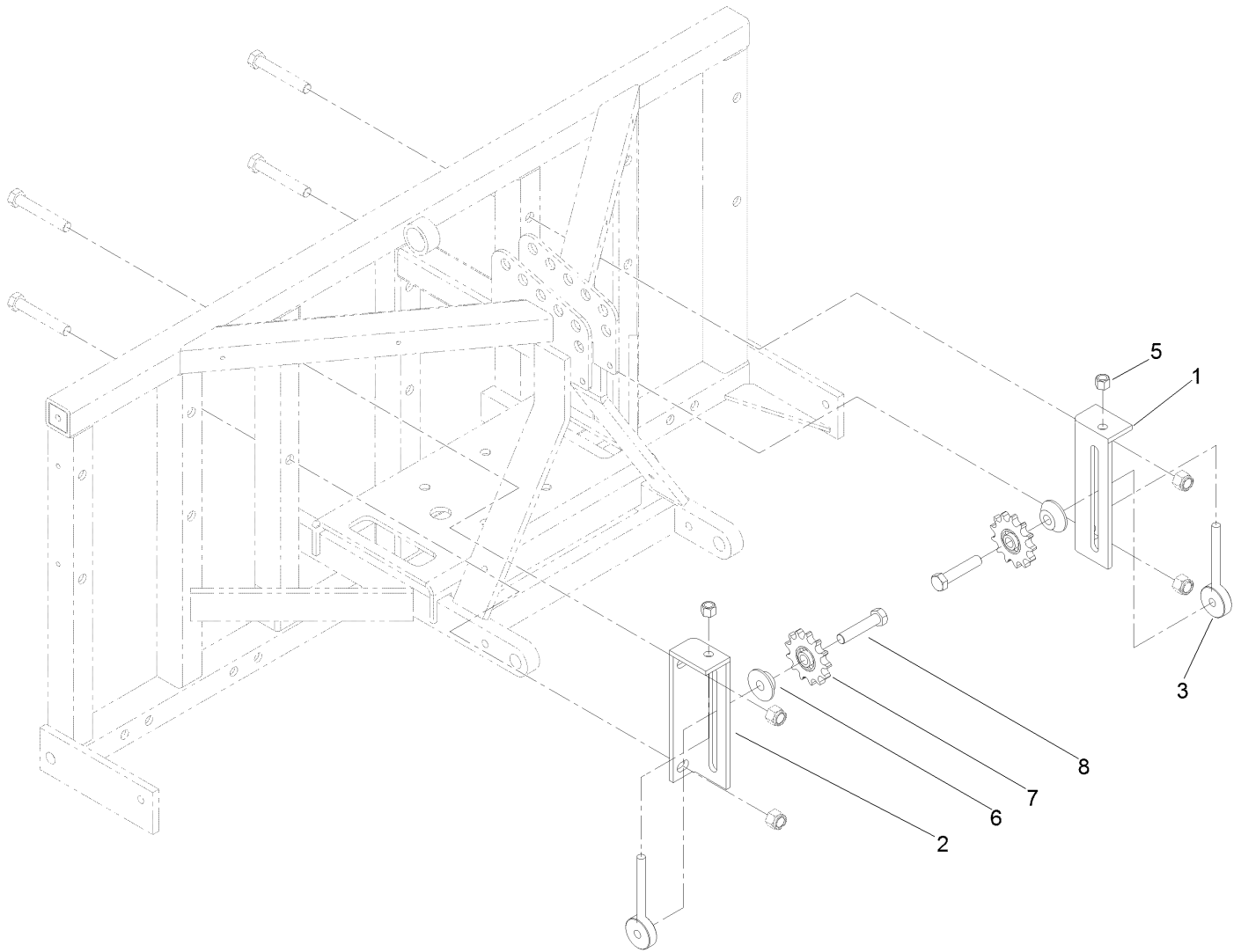


RH Crankshaft Assembly

Ref.	Part Number	Qty.	Description
2	SG217354	2	Crankshaft
3	121-6905	3	Main Bearing Housing ASM
3:1		1	Bearing-Ball ●
3:1:1	99-0195	2	Screw-Set, HSH
3:3	SG427540	2	Ring-Retaining
4	SG217154	2	Arm-Crank, Right
5	SG207054	1	Arm-Crank
7	SG217054	2	Arm-Crank
9	SG267200	7	Nut-Hex
10	SG247540	2	Washer-Clipped

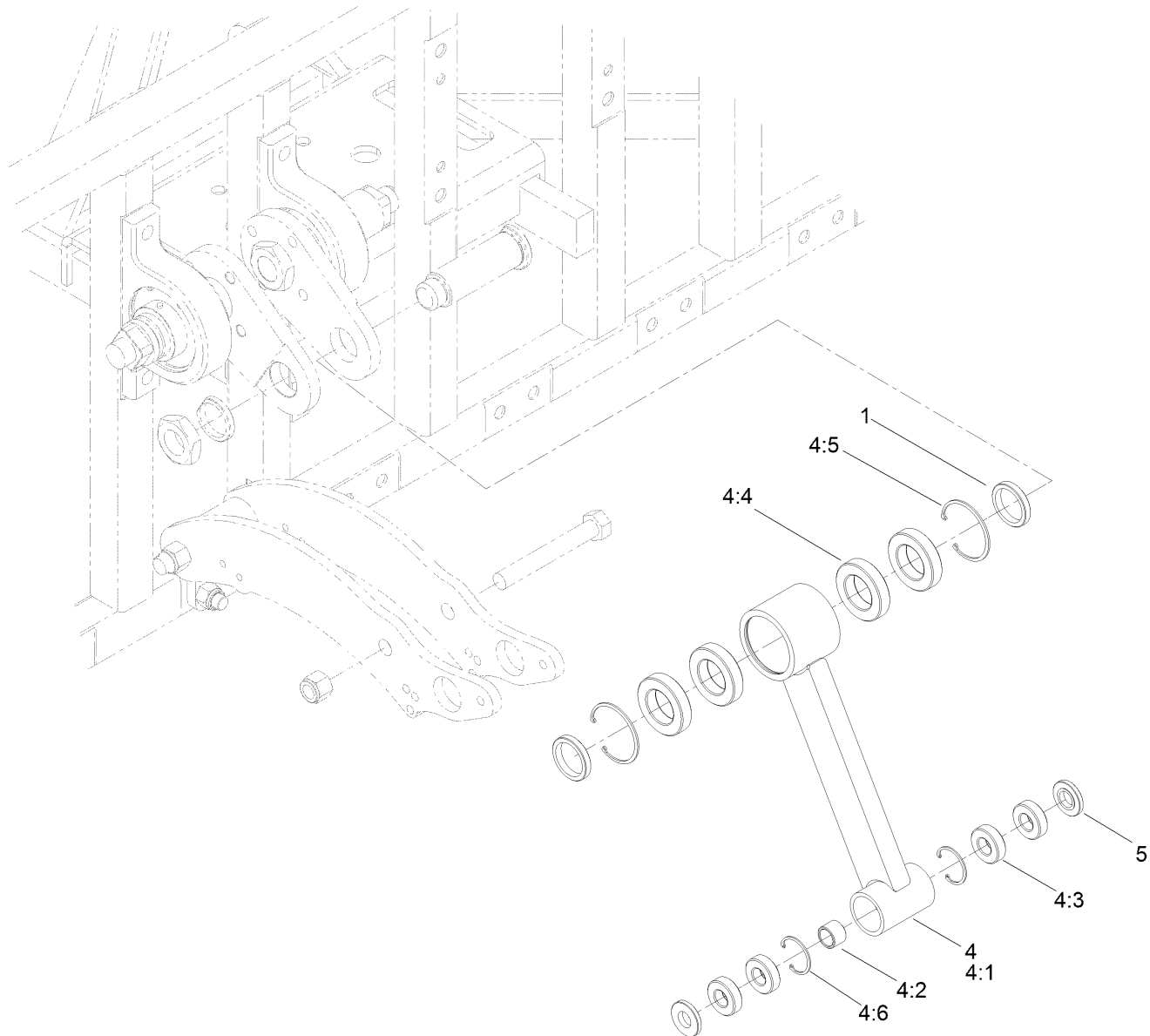
Ref.	Part Number	Qty.	Description
12	SG257054	3	Pin-Crank
13	3296-53	6	Nut-Lock, NI
14	327-14	4	Screw-HH
15	SG217026	1	Sprocket-Crank
16	SG271517	4	Screw-HH
17	SG267500	4	Spacer
18	105-1041	6	Pin-Spring
19	327-16	2	Screw-HH
20	3253-7	4	Washer-Lock
21	SG217557	1	Shaft-Stub, Outside

● Not serviced separately



Idler Assembly

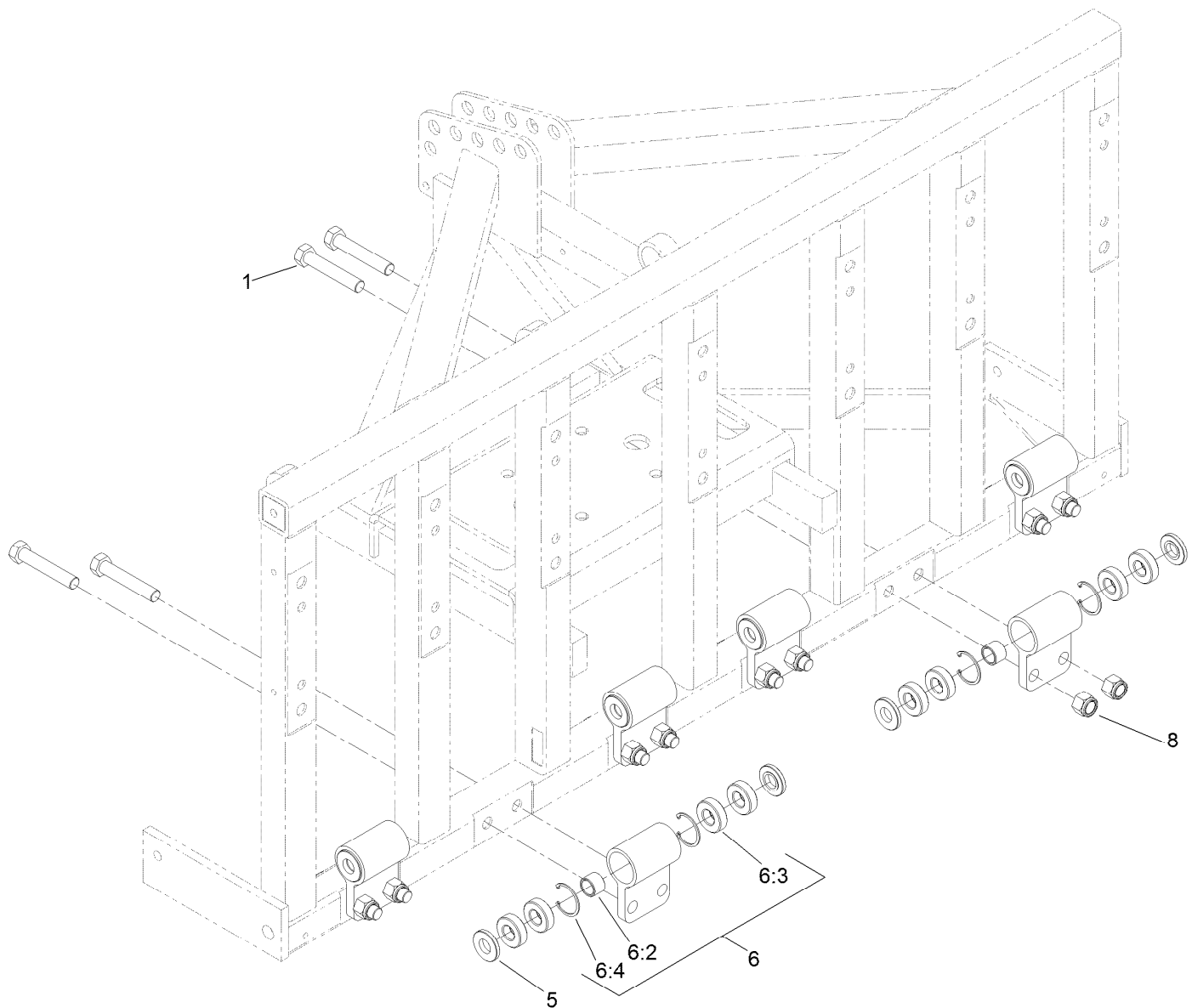
Ref.	Part Number	Qty.	Description
1	SG587054-03	1	Bracket-Idler
2	SG597054-03	1	Bracket-Idler
3	SG587202	2	Rod-Idler
5	3296-23	2	Nut-Lock, NI
6	SG537500	2	Spacer-Offset
7	SG517054	2	Sprocket-Idler
8	327-9	2	Screw-HH



Connecting Rod Assembly

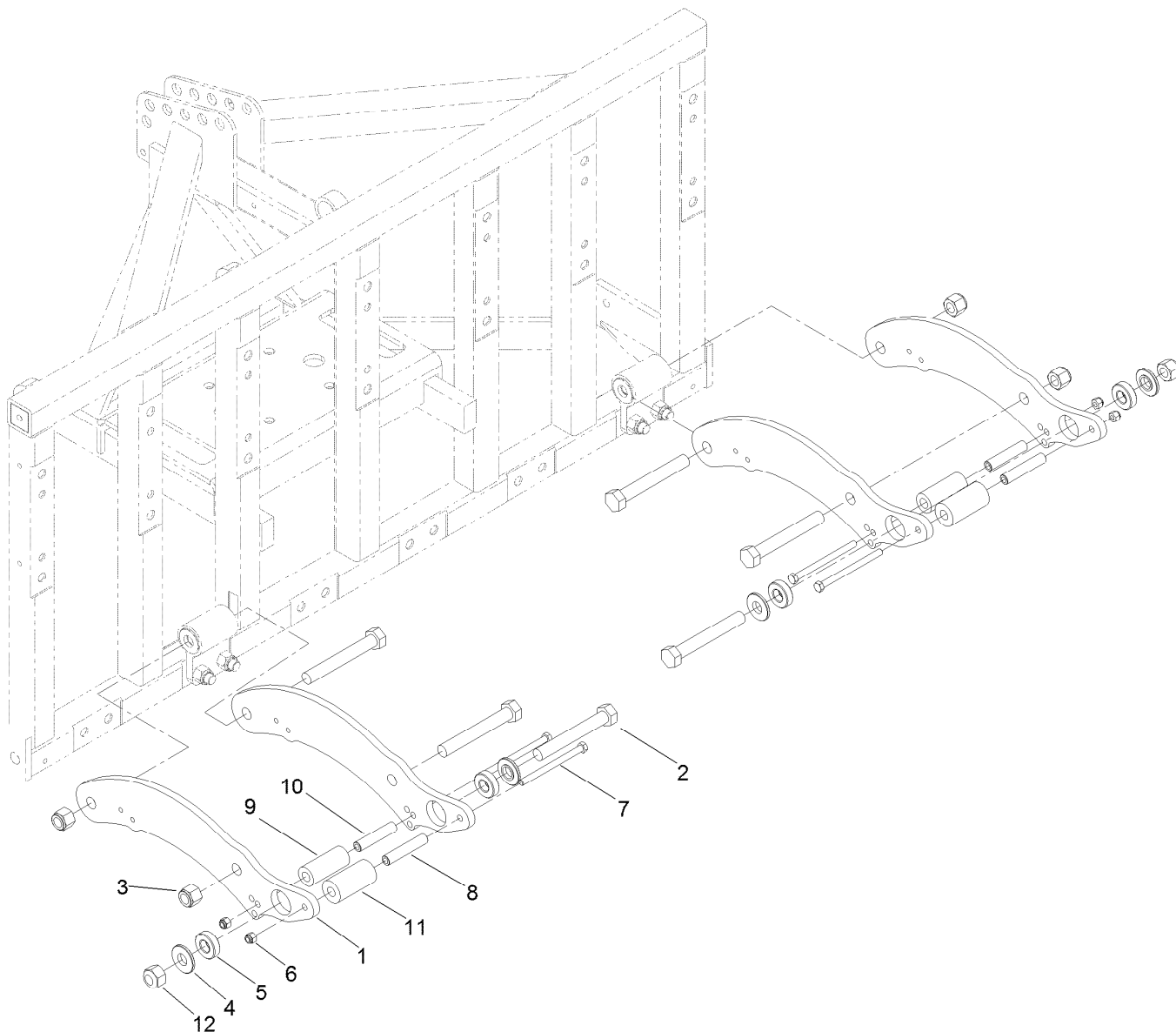
Ref.	Part Number	Qty.	Description
1	SG337100	12	Bushing-Outer
4	SG135154	6	Connecting Rod ASM
4:1		1	Rod-Connecting ●
4:2	SG337010	1	Bushing-Inner
4:3	SG337075	4	Bearing-Ball
4:4	SG337590	4	Bearing-Ball
4:5	SG427541	2	Ring-Retaining, Internal
4:6	SG427625	2	Ring-Retaining, Internal
5	SG337050	12	Bushing-Outer

● Not serviced separately



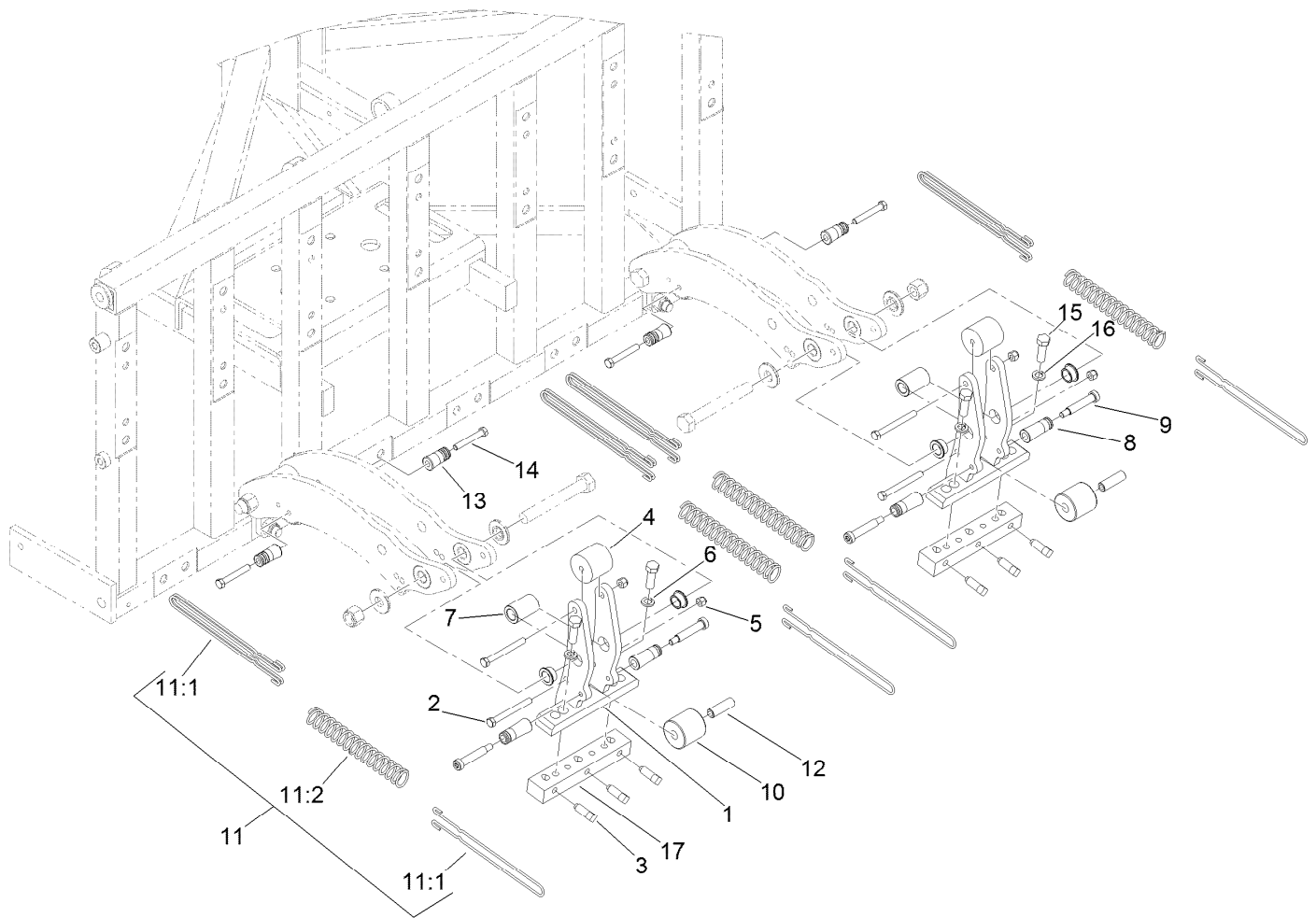
Hinge Assembly

Ref.	Part Number	Qty.	Description
1	327-14	12	Screw-HH
5	SG337050	12	Bushing-Outer
6	125-3312	6	Hinge ASM
6:2	SG337010	1	Bushing-Inner
6:3	SG337075	4	Bearing-Ball
6:4	SG427625	2	Ring-Retaining, Internal
8	3296-53	12	Nut-Lock, NI



Linkage Arm Assembly

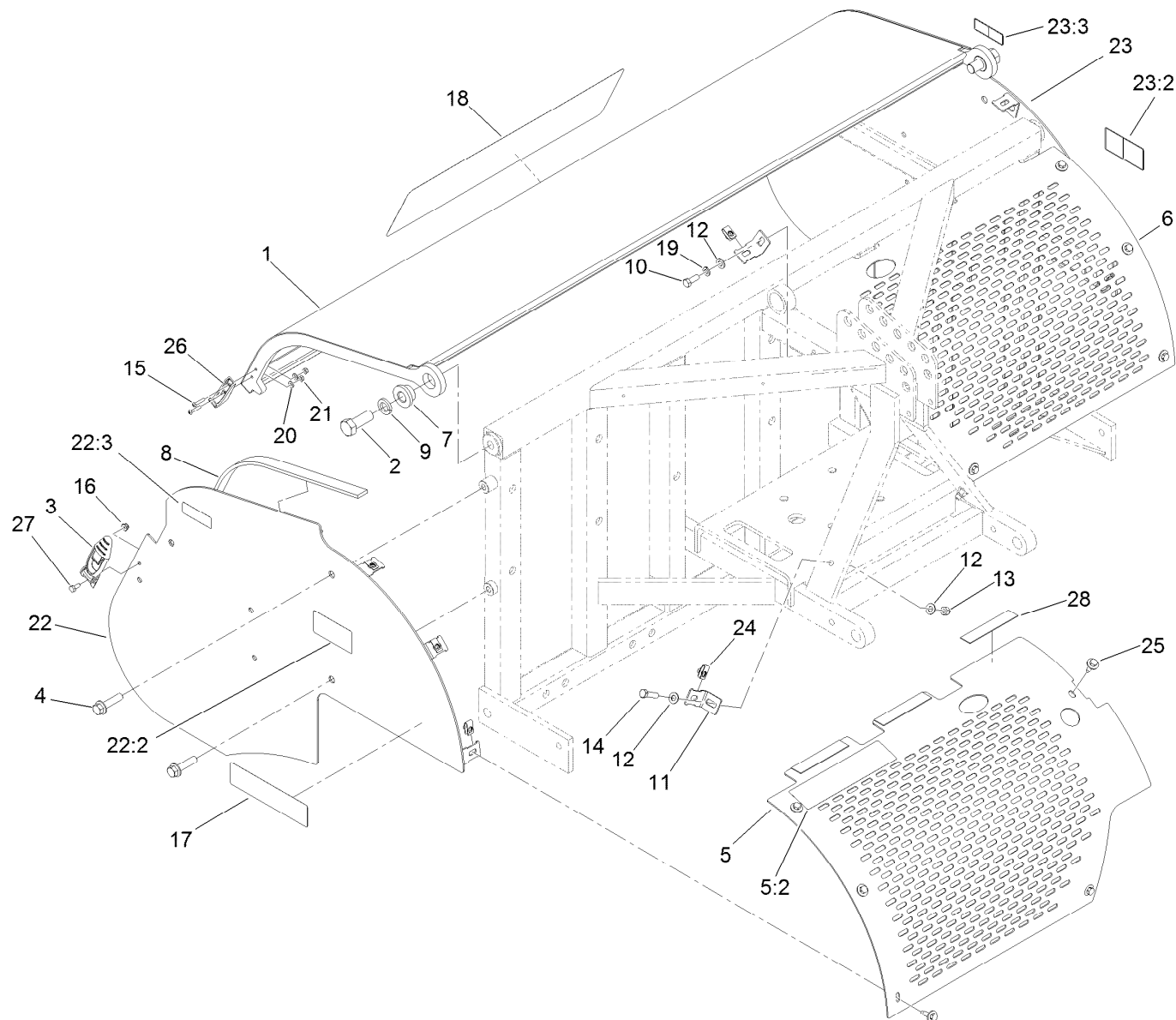
Ref.	Part Number	Qty.	Description
1	SG387055-03	12	Arm-Linkage, Arched
2	328-12	18	Screw-HH
3	3296-51	12	Nut-Lock, NI
4	SG437125	12	Bushing-Outer
5	SG337075	12	Bearing-Ball
6	3296-39	12	Nut-Lock, NI
7	323-21	12	Screw-HH
8	SG337300	6	Spacer-Linkage
9	SG487125	6	Bumper-Rubber
10	SG486312	6	Spacer-Arm, Linkage
11	SG487126	6	Bumper-Rubber
12	120-7252	6	Nut-Lock



Head and Spring Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	SG404070-03	6	Head-Tine	11		12	Spring ASM ●
2	323-15	12	Screw-HH	11:1	SG487256	3	Wire-Draw, Spring
3	SG477125	18	Screw-Set, SQH	11:2	SG487257	1	Spring-Compression
4	SG487200	6	Bumper-Head	12	SG486311	6	Tube-Metal, Head Bumper
5	3296-39	12	Nut-Lock, NI	13	SG449126-03	12	Post-Spring
6	SG447080	12	Bushing-Flanged	14	323-12	12	Screw-HH
7	SG437100-03	6	Spacer-Head	15	325-6	12	Screw-HH
8	SG449127-03	12	Post-Spring	16	3253-7	12	Washer-Lock
9	SG449129	12	Bolt-Shoulder	17	SGH08704-03	6	Head-Tine, Adapter
10	SG487201	6	Spacer-Plastic				

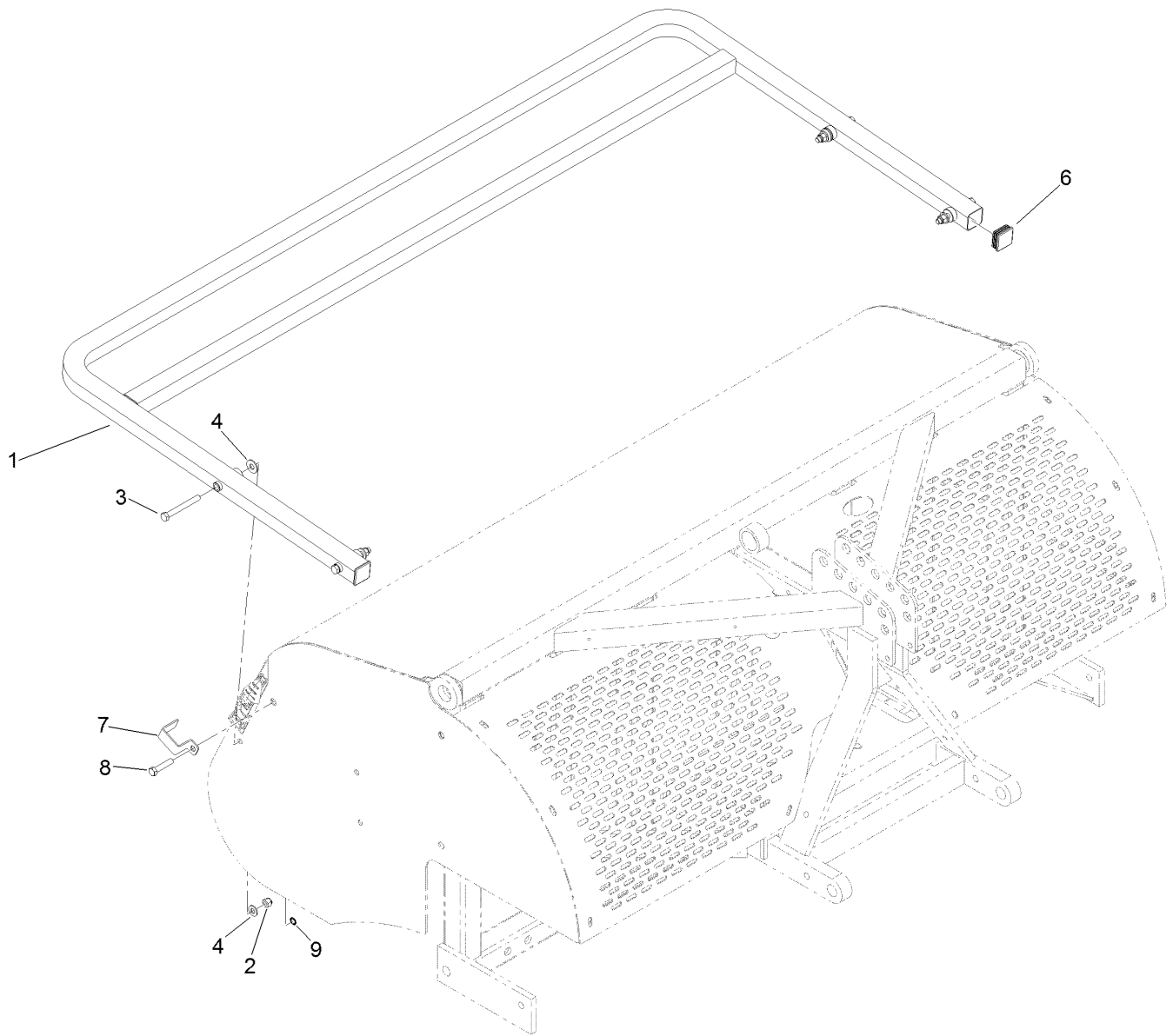
● Not serviced separately



Screen and Hood Assembly

Ref.	Part Number	Qty.	Description
1	119-3293-03	1	Hood ASM
2	328-24	2	Screw-HH
3	103-2898	2	Latch-Rubber
4	3234-27	4	Screw-HHF
5	120-7255	1	Front Right Guard ASM
5:2	117-7050	1	Decal-Warning, CE
6	117-7034-03	1	Guard-Front. LH
7	120-1021	2	Bushing-Hood
8	120-7273	2	Strip-Rubber
9	3253-9	2	Washer-Lock
10	323-6	2	Screw-HH
11	120-1011-03	4	Bracket-Shield
12	3256-24	6	Washer-Plain
13	3296-39	2	Nut-Lock, NI
14	323-8	2	Screw-HH
15	108-3153	4	Screw-HSBH
16	104-7201	2	Nut-HF, NI
17	117-7083	2	Decal

Ref.	Part Number	Qty.	Description
18	117-7054	1	Decal
19	3253-21	2	Washer-Lock
20	3256-14	4	Washer-Flat
21	3296-2	4	Nut-Lock, NI
22	120-7256	1	RH Shield ASM
22:2	117-7051	1	Decal-Danger, Keep Away CE
22:3	120-0625	1	Decal-Warning
23	120-7257	1	LH Shield ASM
23:2	117-7051	1	Decal-Danger, Keep Away CE
23:3	120-0625	1	Decal-Warning
24	94-2413	10	Nut-U
25	114-8418	10	Screw-HWH, Sems
26	103-2897	2	Latch-Catch
27	321-3	2	Screw-HH
28	120-1087	6	Strip-Rubber



Rear Guard Assembly

Ref.	Part Number	Qty.	Description
1	120-7266-03	1	Rear Guard ASM
2	3296-39	4	Nut-Lock, NI
3	323-20	4	Screw-HH
4	80-6990	12	Washer-Hardened
6	120-7261	2	Cap-End, Square
7	110-4673	2	Lock-Latch, CE
8	323-53	2	Screw-HH
9	32151-72	2	Ring-Retaining

Attachments and Accessories

For 09931 ProCore SR54 Aerator

Product Name	Model/Part
Rear Roller Kit	09952
2x18mm Tine Head Adapter Kit	117-7194
2x12mm or 2x5/16-inch Tine Head Adapter Kit.....	117-7195
4x3/8-inch or 4x5/16-inch Tine Head Adapter Kit	117-7196
8x3/8-inch Tine Head Adapter Kit	117-7199

Notes:

Notes:

Notes:



Count on it.