



Count on it.

Parts Catalog

60in Side Discharge Rotary Mower

**Groundsmaster® 3200 or 3300 Series
Traction Unit**

Model No. 31970—Serial No. 417200000 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.

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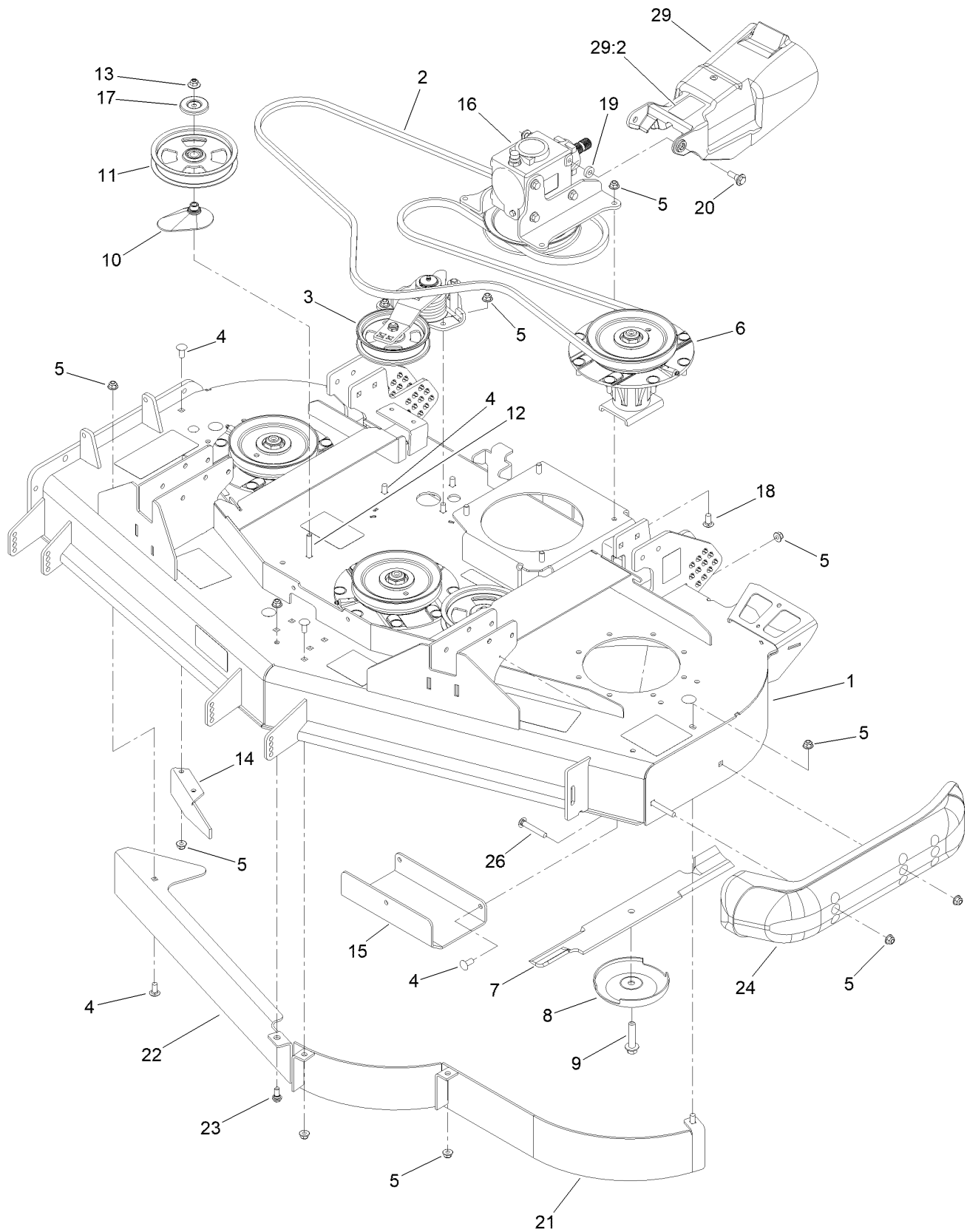
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Deck Assembly

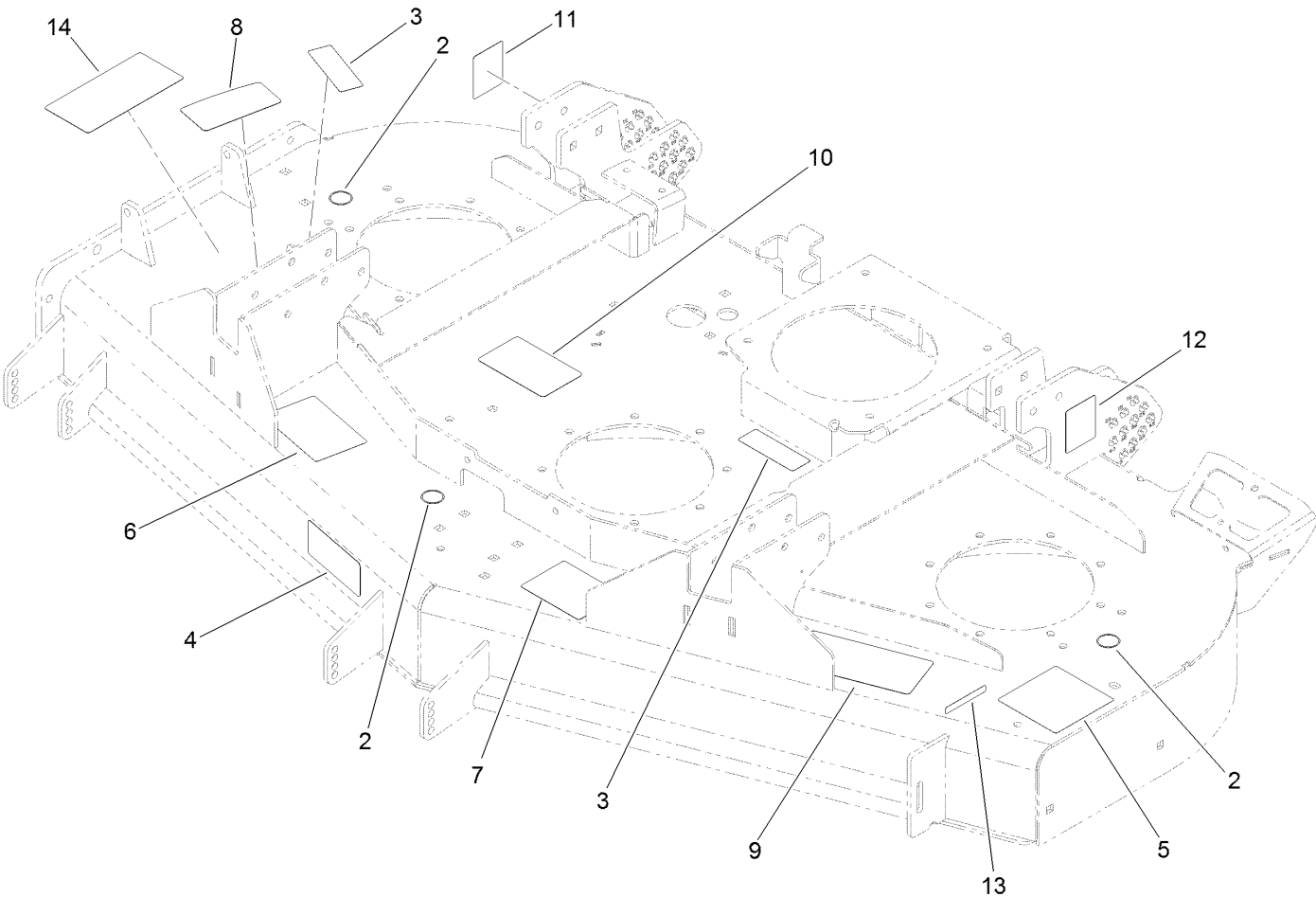


Deck Assembly (continued)

<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	138-4441SP	1	Deck W/Decals 60Sd	15	137-5918-01	1	Bracket-Skid
2	139-6342	1	Belt-V	16		1	Gearbox ASM ●
3	138-0266	1	Tensioner ASM	17	126-8043	2	Shield-Dust
4	3231-27	12	Screw-CARR	18	3231-22	4	Screw-CARR
5	104-8301	43	Nut-HF, NI	19	5-0652	2	Spacer
6	138-7310	3	Spindle ASM	20	109-9840	2	Screw-Shoulder, HHF
7	110-4702-03	3	Blade-Rotary, High Flow (20.5)	21	138-7322-01	1	Front-Baffle
8	72-9361	3	Cup-Scalp, Anti	22	138-6051-01	1	Plate-Baffle
9	92-5816	3	Bolt-Blade	23	94-7582	1	Bolt-Shoulder
10	109-2872	2	Spacer-Pulley	24	112-1479	1	Skid-Bumper, Deck
11	132-9424	2	Pulley-Idler, Flat	26	3231-44	2	Screw-CARR
12	3231-40	2	Bolt-CARR	29	139-6301	1	PTO Guard W/Decals
13	109-6658	2	Nut-Flange, NI	29:2	139-6303	1	Decal-Danger, Entanglement
14	106-3216-01	1	Baffle-Discharge				

● Not serviced separately

Deck Decal Assembly No. 138-4441SP



Deck Decal Assembly No. 138-4441SP (continued)

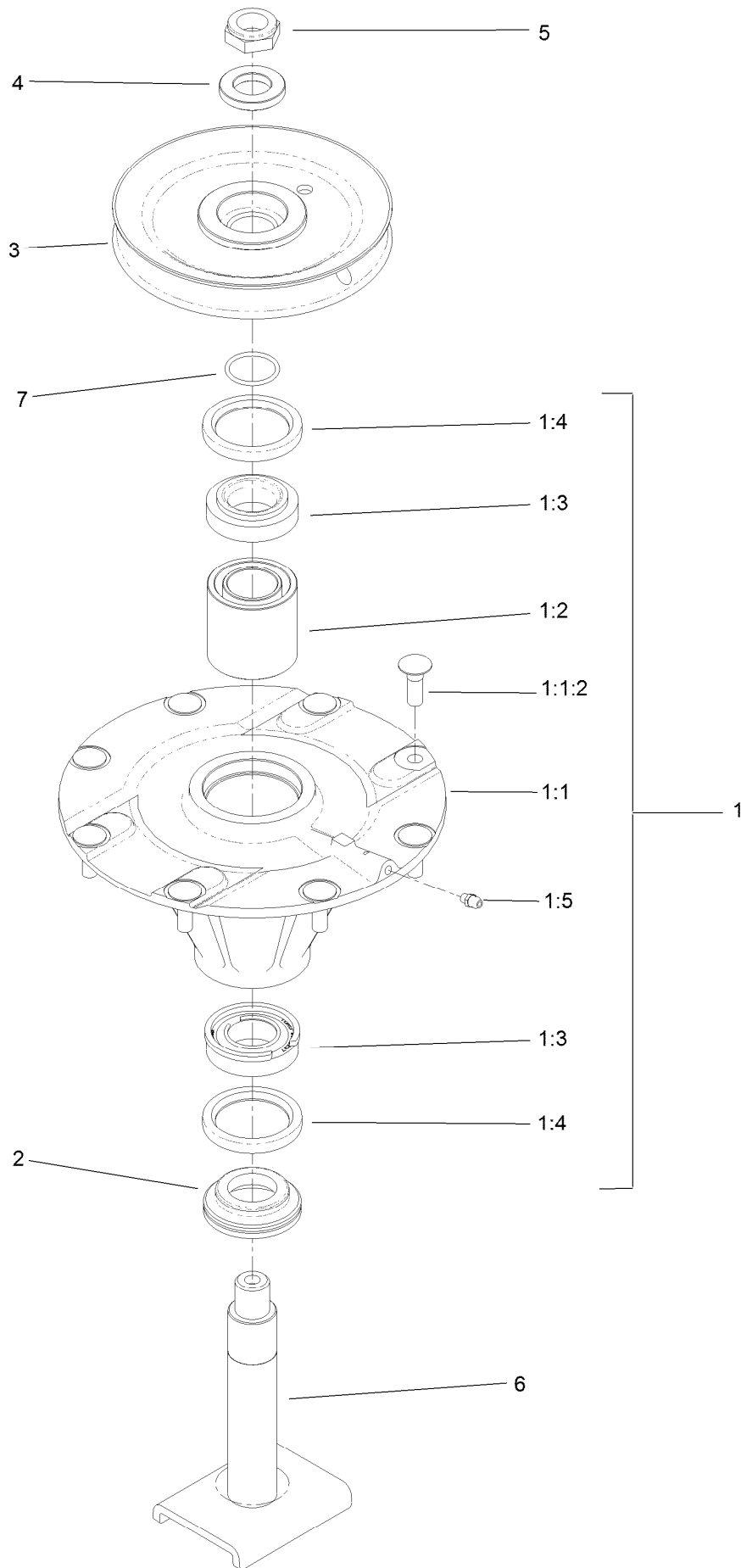
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	58-6520	3	Decal-Grease	9	137-5949	1	Decal-HOC
3	117-4979	3	Decal-Warning	10	138-7359	1	Decal-Routing, Belt
4	93-7818	1	Decal-Torque, Blade Bolt	11	137-5946	1	Decal-HOC, RH
5	120-6604	1	Decal-Danger	12	137-5945	1	Decal-HOC, LH
6	108-1990	1	Decal	13	133-8061	1	Decal-Warning
7	127-0326	1	Decal-Scalp, Anti	14	140-3073	1	Decal-Danger, CE
8	131-1180	1	Decal-Adjustment, Baffle				

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The components are numbered 1 through 13. The assembly is shown in a disassembled state, with dashed lines indicating the alignment and sequence of assembly. Key components include a main housing (1), a central shaft (12), a diaphragm (7), a piston (8), a valve seat (9), a spring (11), and a cover (10). The diagram also shows a separate assembly of a flange (5) with a central hub and four mounting tabs, which is connected to the main housing via a flange (2) and a nut (3). A separate assembly of a flange (13) and a nut (6) is also shown, which is connected to the main housing via a flange (1:2) and a nut (6). The main housing (1) has a complex shape with multiple ports and a central opening. The central shaft (12) is a long, thin rod with a threaded section. The diaphragm (7) is a flat, circular disc. The piston (8) is a cylindrical component with a hexagonal base. The valve seat (9) is a small, circular component. The spring (11) is a coiled wire. The cover (10) is a circular disc with a central hole. The flange (5) is a large, circular component with a central hub and four mounting tabs. The flange (2) is a small, circular component. The nut (3) is a small, hexagonal nut. The flange (13) is a small, circular component. The nut (6) is a small, hexagonal nut. The flange (1:2) is a small, circular component. The nut (6) is a small, hexagonal nut.

Tensioner Assembly No. 138-0266 (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	144-0503	1	High Idler Arm ASM	7	108-1926	1	Washer
1:2	93-4510	2	Bushing-Caster	8	100-6116	1	Screw-HHF
2	106-9888	1	Washer-Flat	9	104-8301	1	Nut-HF, NI
3	108-1924	1	Spacer-Idler	10	32120-84	1	Ring-Snap, External
4	139-0903	1	Pivot-Idler	11	302-5	1	Fitting-Grease
5	136-5405	1	Pulley-Idler, Flat	12	112-7395	1	Spring-Torsion
6	3296-45	1	Nut-Hex	13	112-3977	1	Bolt-Shoulder

Spindle Assembly No. 138-7310



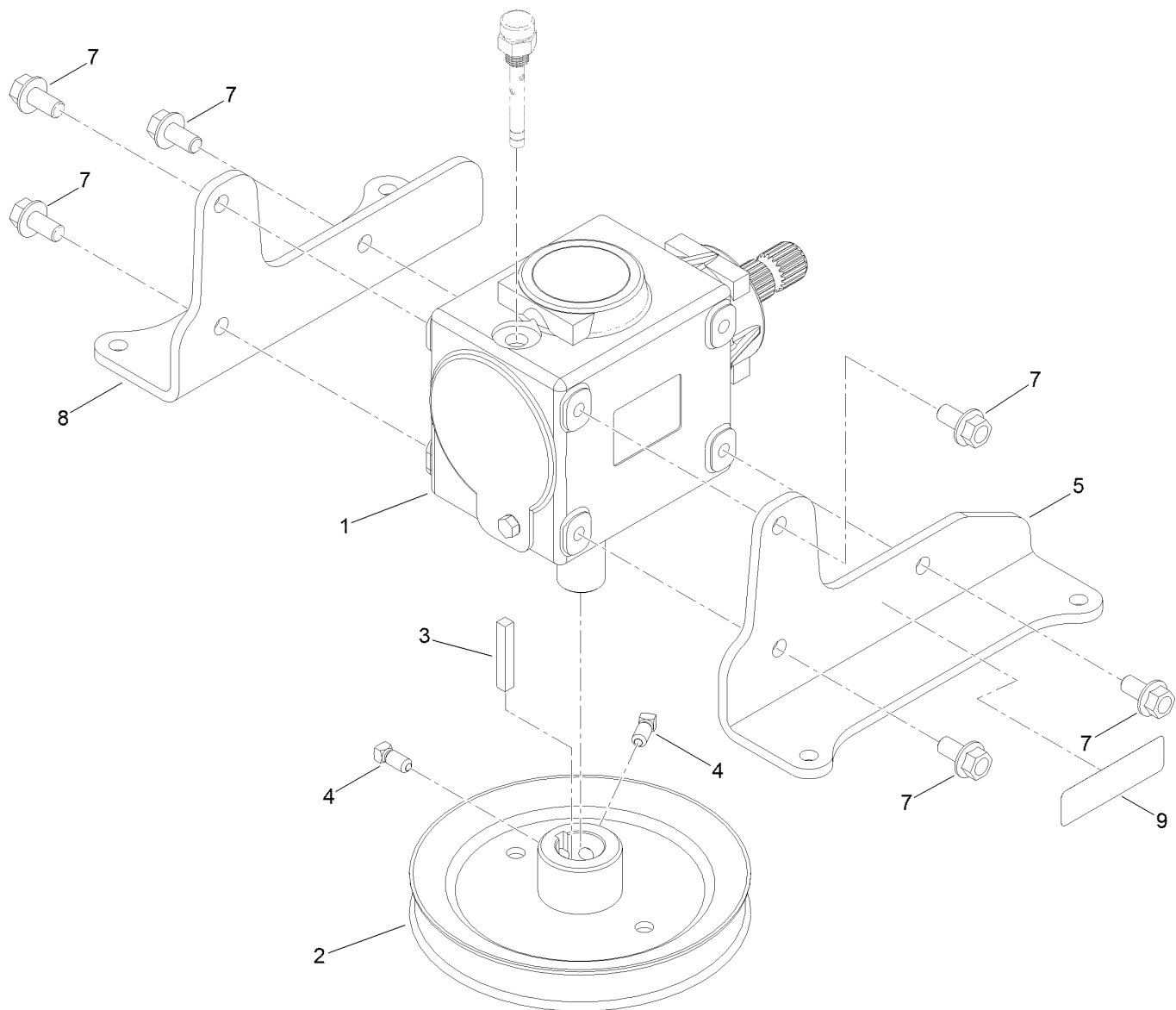
Spindle Assembly No. 138-7310 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-6338	1	Spindle Housing ASM
1:1		1	Spindle ASM ●
1:1:2	114-8195	8	Bolt-Neck, Ribbed
1:2	108-1954	1	Bearing Spacer Set
1:3	110-8297	1	Bearing ASM
1:4	253-154	2	Seal-Oil
1:5	302-5	1	Fitting-Grease

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	138-6416	1	Spacer-Spindle, Shaft
3	139-6339	1	Pulley
4	120-5576	1	Washer-Hardened
5	3296-60	1	Nut-Lock, NI
6	139-1042	1	Spindle-Shaft
7	106-7159	1	O-Ring

● Not serviced separately

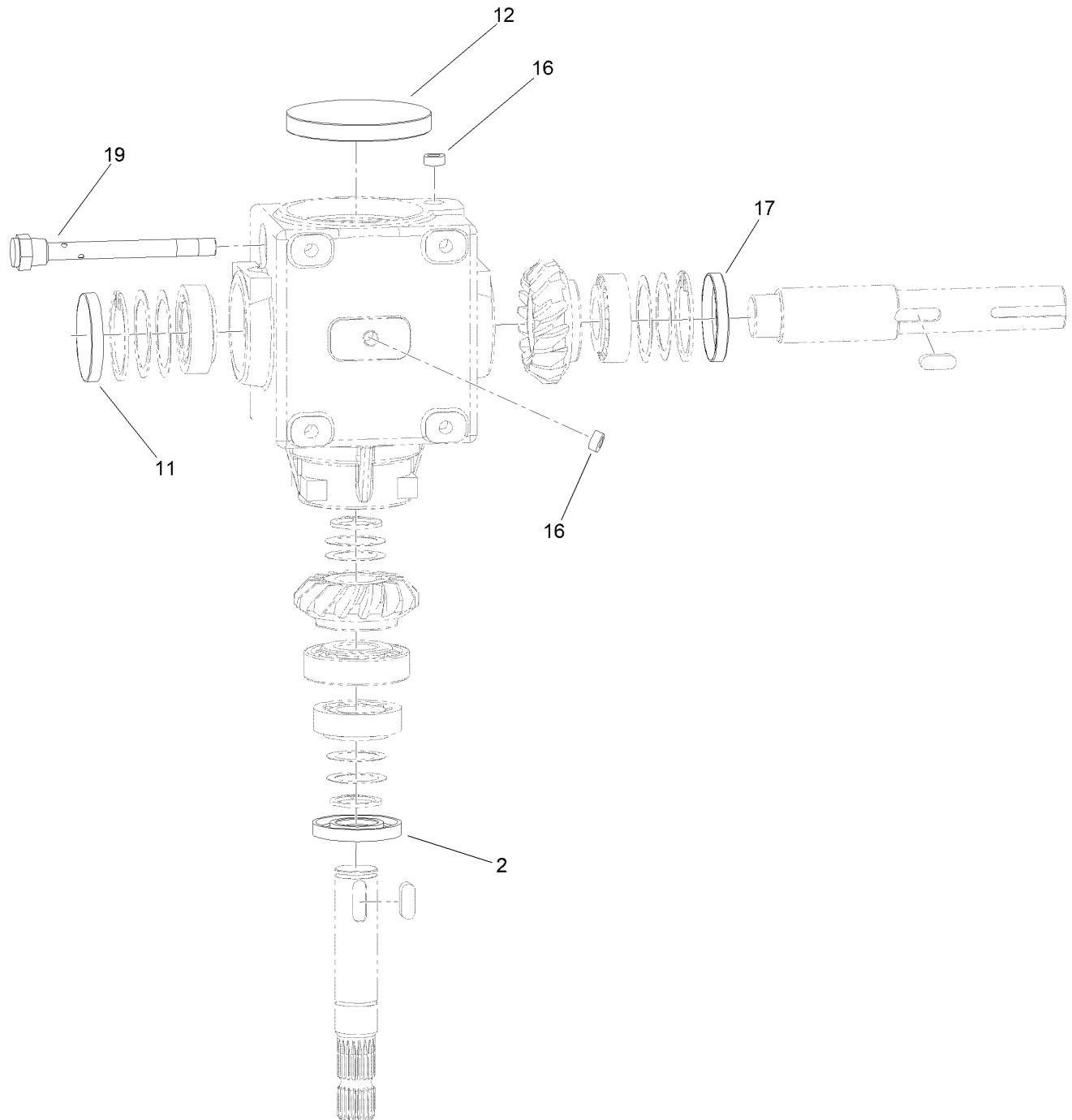
Gearbox Assembly



Gearbox 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	145-5990	1	Gearbox	5	144-0494-03	1	Bracket-Gearbox, LH
2	138-0263	1	Pulley	7	139-6300	6	Screw-HHF, Patch
3	94-2425	1	Key-Square	8	144-0495-03	1	Bracket-Gearbox, RH
4	1-803022	2	Screw-Set	9	93-6697	1	Decal-Lube

Gearbox Assembly No. 145-5990

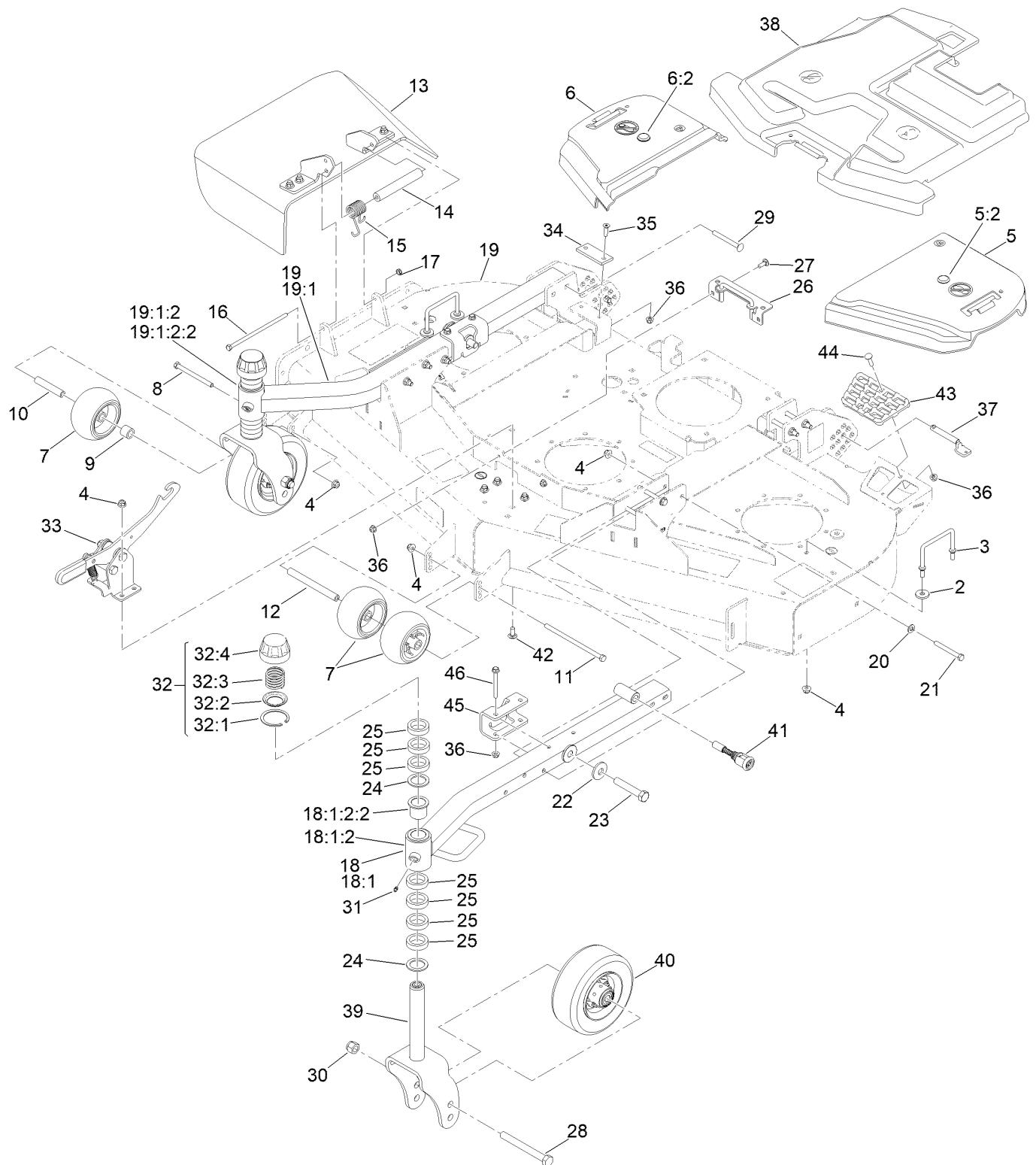


Gearbox Assembly No. 145-5990 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	140-7133	1	Seal-Oil
11	140-7129	1	Plug-Cap
12	140-7131	1	Plug-Cap

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
16	140-7132	3	Plug
17	145-5989	1	Seal-Oil
19	140-7130	1	Dipstick

Belt Cover, Arm Caster and Wheel Assembly

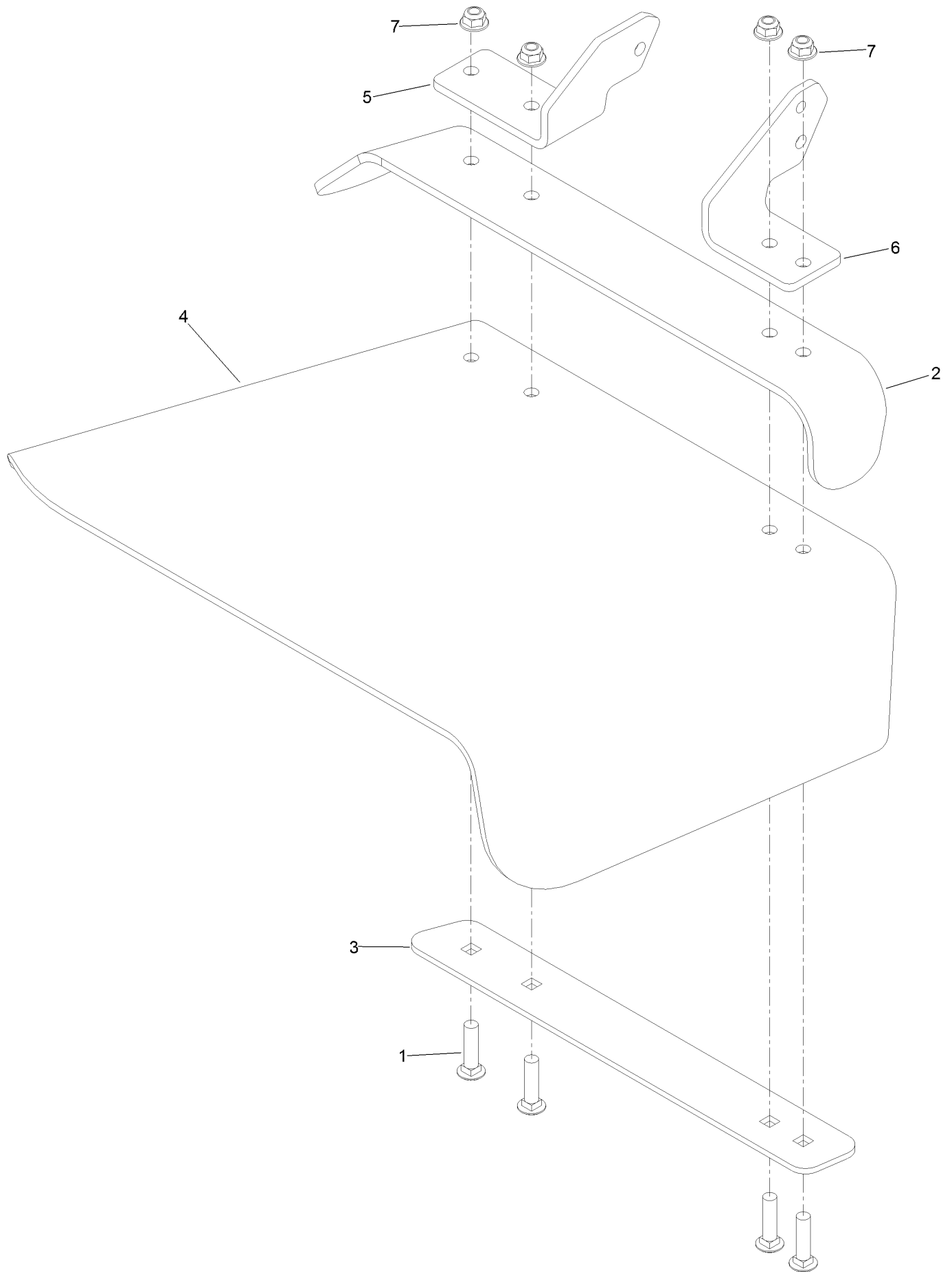


Belt Cover, Arm Caster and Wheel Assembly (continued)

<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	1-373034	4	Washer	23	139-6203	2	Screw-HH
3	109-6982	2	Wireform-Cover	24	69-6860	4	Washer-Thrust
4	104-8301	20	Nut-HF, NI	25	69-1510	14	Spacer
5	138-7379	1	LH Belt Cover ASM	26	139-0932	1	Bracket-Cover, Belt
5:2	117-3824	1	Plug-Plastic	27	3230-10	2	Bolt-CARR
6	138-7362	1	RH Belt Cover ASM	28	327-24	2	Screw-HH
6:2	117-3824	1	Plug-Plastic	29	3231-11	4	Screw-CARR
7	1-603299	3	Roller-Scalp, Anti	30	3296-53	2	Nut-Lock, NI
8	323-23	1	Screw-HH	31	302-5	2	Fitting-Grease
9	98-7913	1	Tube-Spacer	32	92-9727	2	HOC Cap ASM
10	98-7912	1	Tube-Spanner	32:1	92-5581	1	Ring-Rtng, Snap, Int, Flat
11	108-5388	1	Screw-HH	32:2	92-5583	1	Washer-Cap
12	98-5967	1	Spacer-Wheel	32:3	92-9726	1	Spring-Compression
13	108-2792	1	Rubber Deflector ASM	32:4	92-8861	1	Cap-HOC
14	105-4622	1	Spacer	33	147-0070	1	Latch ASM
15	108-4052	1	Spring-Torsion	34	138-4452	2	Pad-Stop, Deck
16	322-50	1	Screw-HH	35	133-4543	4	Screw
17	3296-47	1	Nut-Lock, NI	36	104-8300	11	Nut-HF, NI
18	145-5901-01	1	LH Caster Arm ASM	37	140-3064	2	Pin-HOC ASM
18:1		1	Arm-Caster, LH ●	38	138-7373	1	Cover-Belt, Center
18:1:2		1	Hub ASM ●	39	140-6304-01	2	Caster Fork ASM
18:1:2:2	69-6470	2	Bushing-Caster	40	137-5529	2	Wheel ASM
19	145-5902-01	1	RH Caster Arm ASM	41	139-6345	1	Spring-Pin
19:1		1	Arm-Caster, RH ●	42	3231-27	4	Screw-CARR
19:1:2		1	Hub ASM ●	43	126-4781	1	Step-Deck
19:1:2:2	69-6470	2	Bushing-Caster	44	3230-3	1	Screw-CARR
20	3256-24	6	Washer-Plain	45	144-4048-01	2	Channel-Deck Mount
21	323-20	6	Screw-HH	46	126-4687	4	Screw-HHF
22	103-0865	2	Washer-Blade Bolt, Heavy				

● Not serviced separately

Rubber Deflector Assembly No. 108-2792

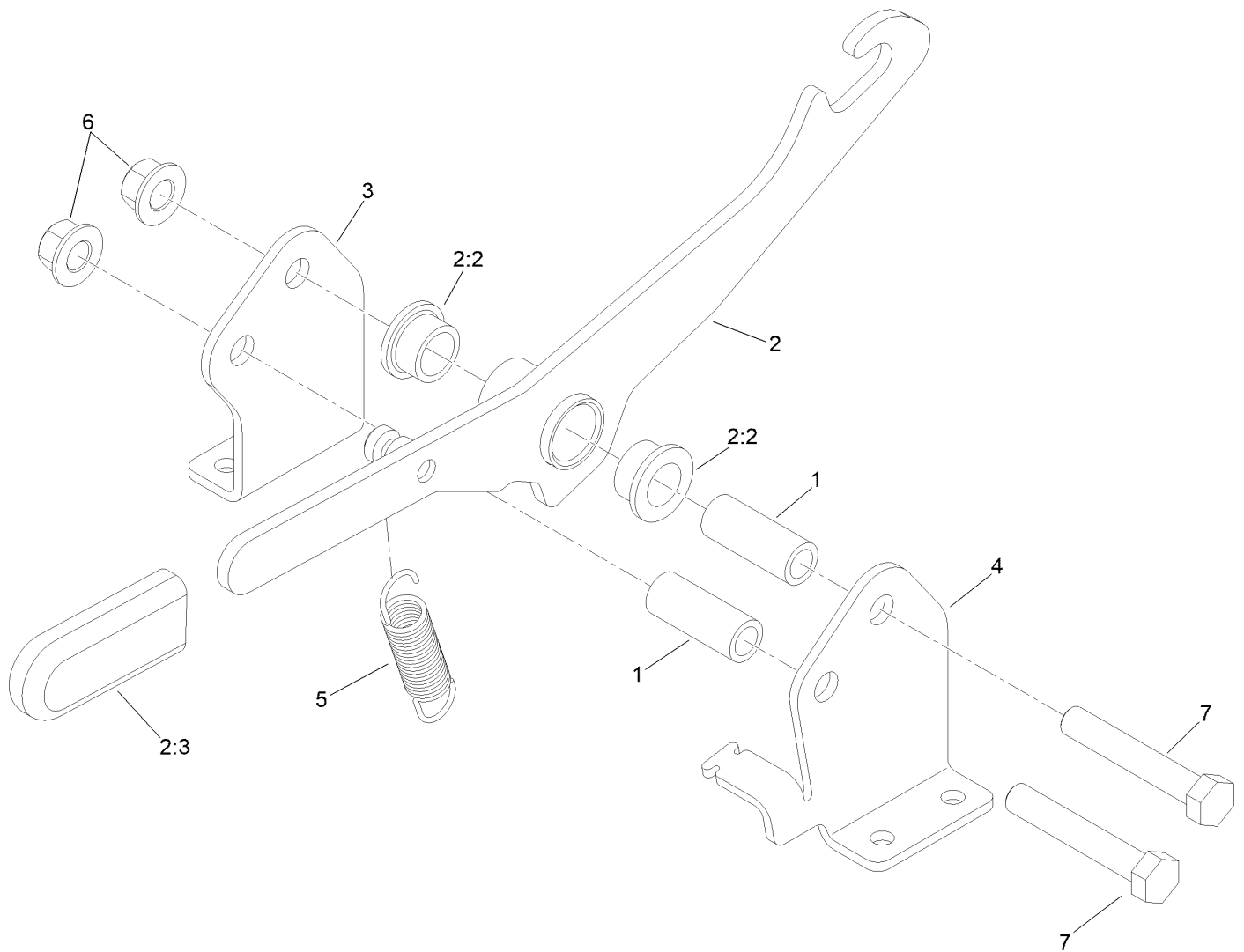


Rubber Deflector Assembly No. 108-2792 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3231-4	4	Screw-CARR
2	106-3246-01	1	Deflector
3	106-3248-03	1	Strap-Discharge
4	108-5029	1	Deflector-Rubber

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	108-4059-01	1	Plate-Hinge, Rear
6	106-3253-01	1	Plate-Hinge, Front
7	104-8301	4	Nut-HF, NI

Latch Assembly No. 147-0070

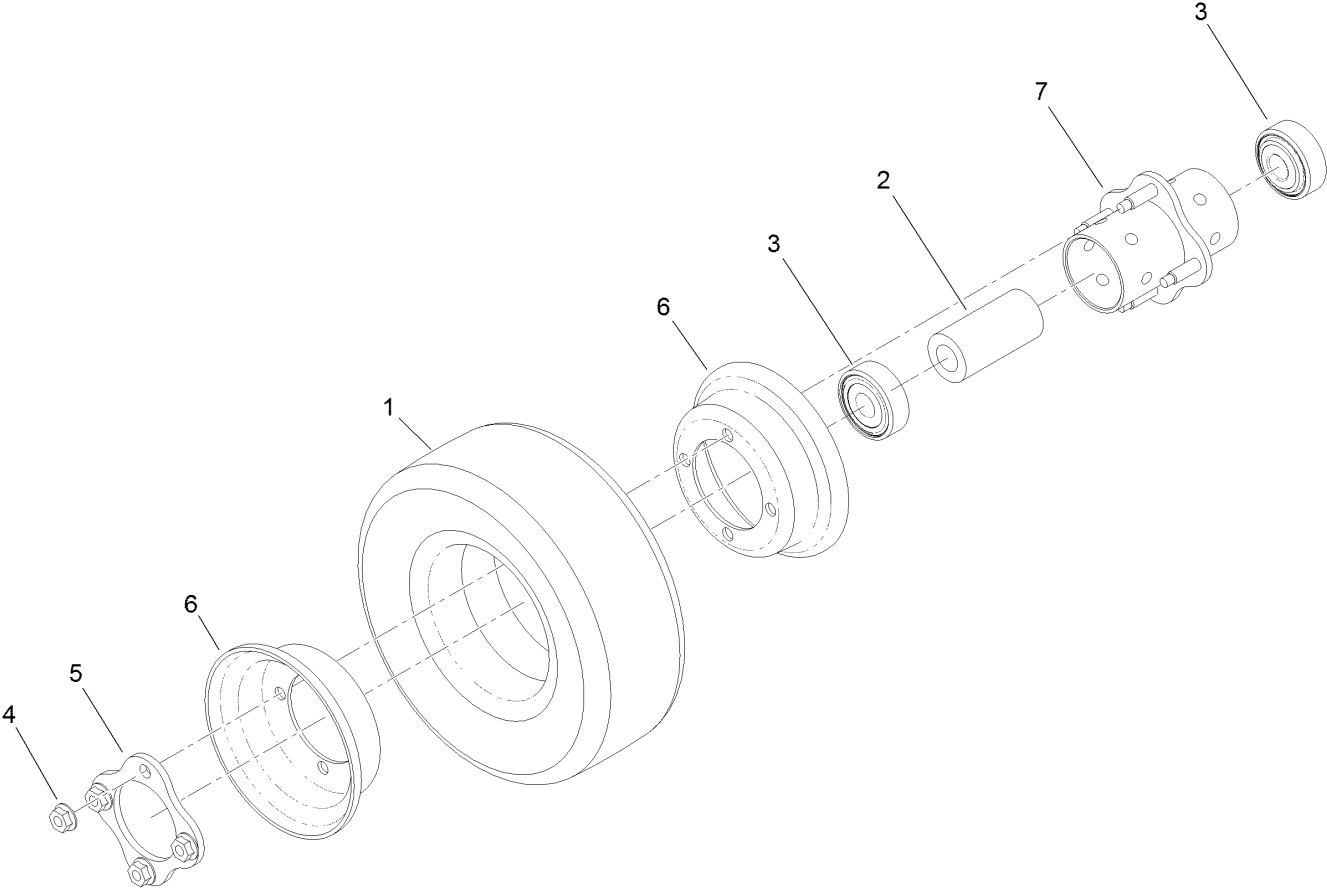


Latch Assembly No. 147-0070 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-0380	2	Spacer
2	147-0066	1	Latch Arm ASM
2:2	93-2877	2	Bushing
2:3	119-1846	1	Grip
3	139-0889	1	Bracket-Latch, Mount (RH)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	139-0887	1	Bracket-Latch, Mount (LH)
5	130-9645	1	Spring-Extension
6	99-5107	2	Nut-Lock
7	325-12	2	Screw-HH

Wheel Assembly No. 137-5529



Wheel Assembly No. 137-5529 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-4424	1	Tire-Pneumatic, Semi
2	93-4241	1	Spacer-Bearing, Inner
3	120-3366	2	Bearing
4	32128-16	4	Nut-HHF

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	93-4242	1	Plate
6	137-5552	2	Rim-Wheel, Half
7	93-5980	1	Hub



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