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Form No. 3389-442 Rev A

Parts Catalog

100in Rear Discharge Deck Groundsmaster® 360 Series Traction Unit

Model No. 31101—Serial No. 315000001 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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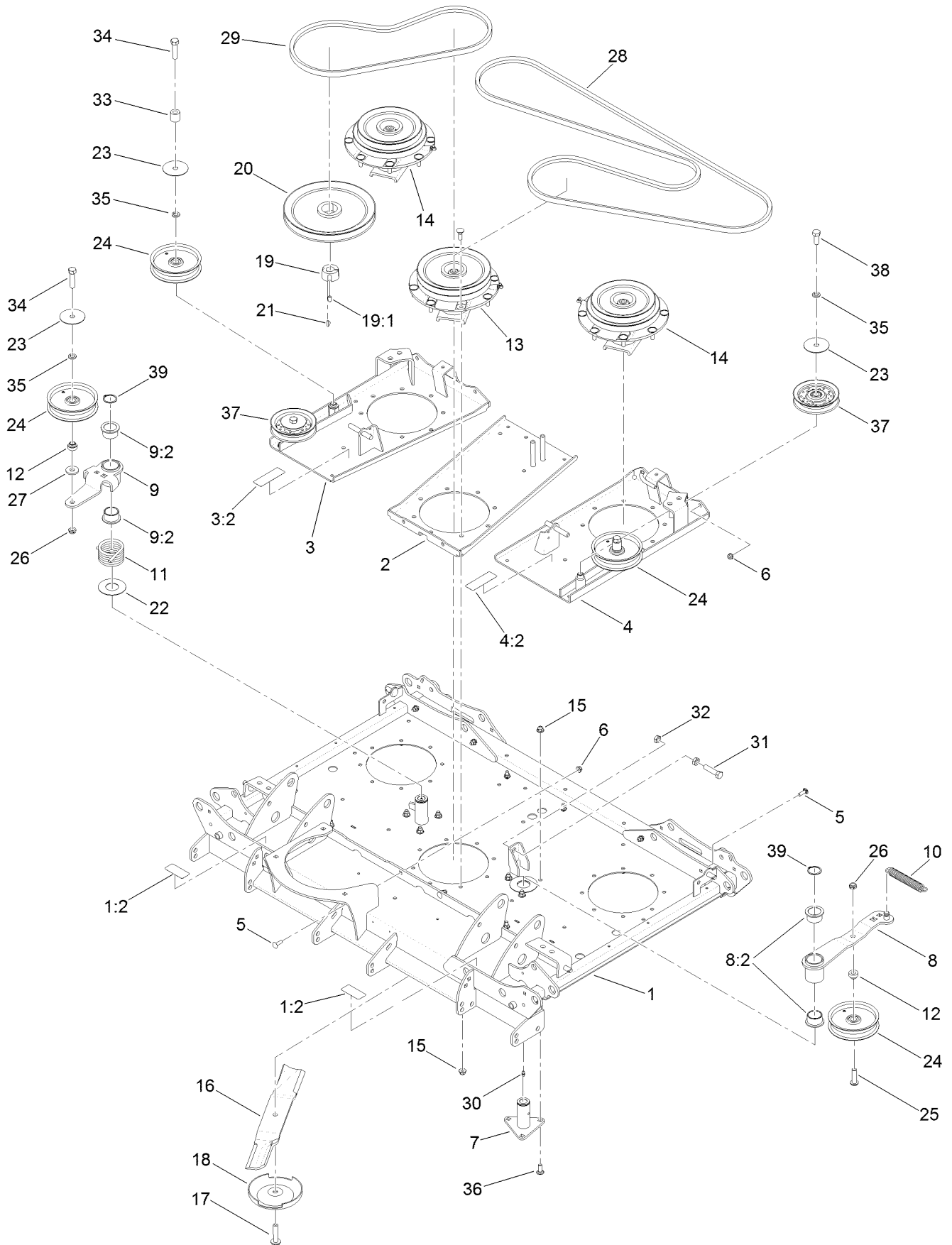
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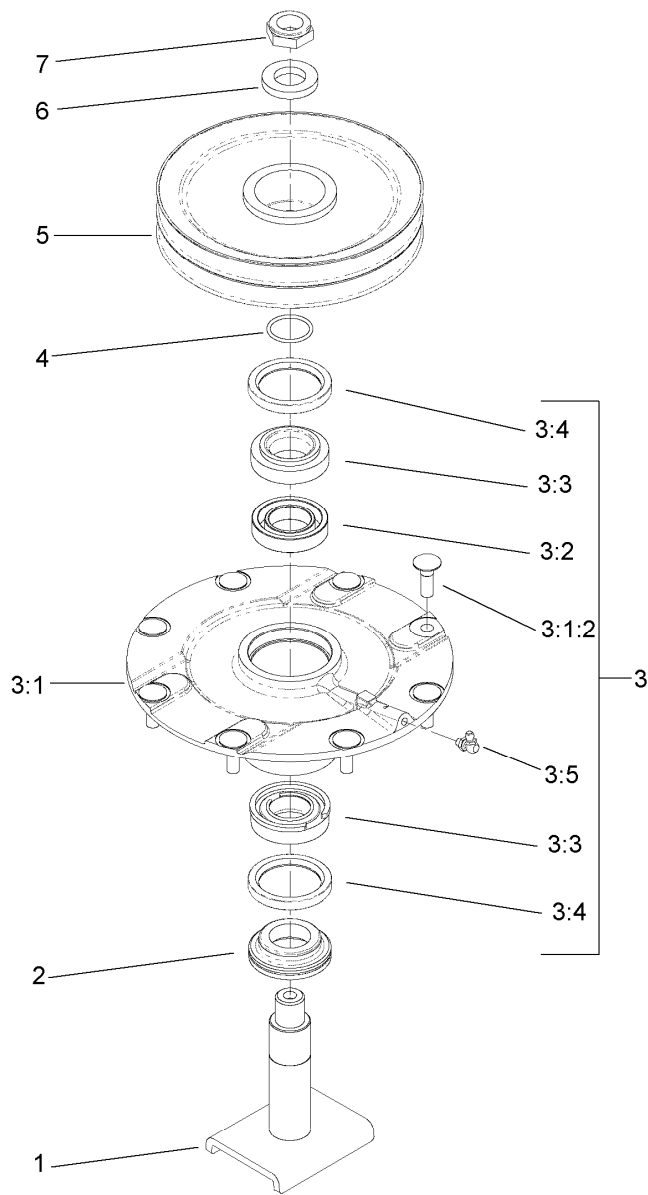
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Center Deck Assembly



Center Deck Assembly (continued)

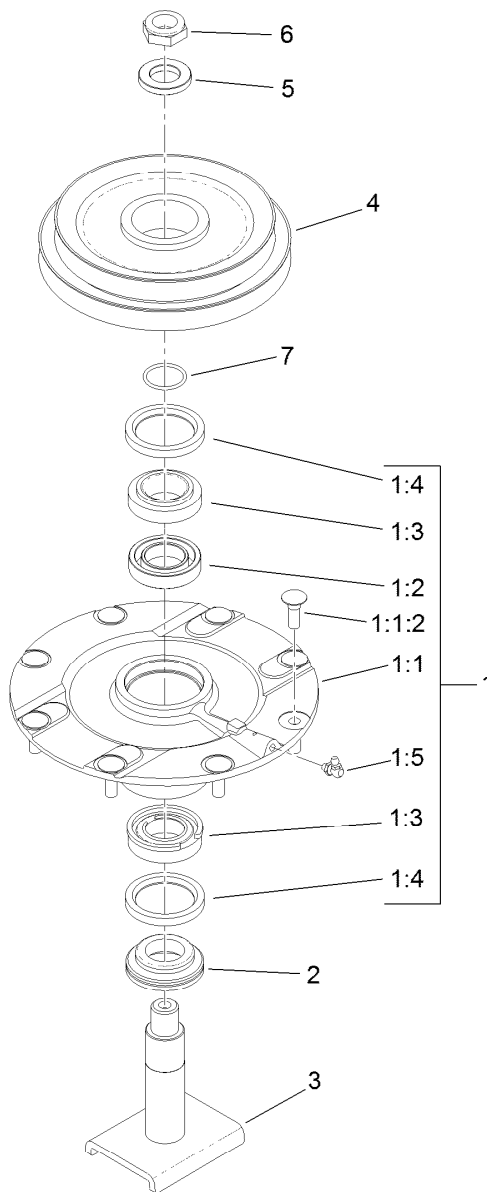
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-4840	1	Deck ASM	18	72-9361	3	Cup-Scalp, Anti
1:2	93-6696	2	Decal-Warning	19	23-1640	1	Bushing-Taperlock
2	121-5481-01	1	Plate-Spindle	19:1	3247-4	2	Screw-Set
3	127-4843	1	RH Plate ASM	20	93-4871	1	Gearbox Pulley ASM
3:2	117-4979	1	Decal-Warning, Shields	21	3257-5	1	Key-Woodruff
4	127-4844	1	LH Plate ASM	22	108-1926	2	Washer
4:2	117-4979	1	Decal-Warning, Shields	23	100-3102	5	Washer-Flat
5	3230-22	12	Screw-CARR	24	1-613098	4	Pulley-Idler
6	104-8300	12	Nut-Flange, NI	25	108-1993	1	Screw-HSBH
7	114-0997	2	Idler Pivot ASM	26	3296-45	2	Nut-Lock, NI
8	125-9433	1	Idler Arm ASM	27	92-2651	1	Washer
8:2	93-4510	2	Bushing-Caster	28	121-5253	1	Belt-V
9	117-9176	1	Idler Arm ASM	29	121-5254	1	Belt-V
9:2	93-4510	2	Bushing-Caster	30	302-5	2	Fitting-Grease
10	127-4911	1	Spring-Extension	31	01-182-0816	1	TAP Bolt-HH
11	108-1921	1	Spring-Torsion	32	3218-5	2	Nut-Jam
12	121-5274	2	Spacer-Idler	33	42257	2	Spacer-Tubular
13	119-4548	1	Double Driven Spindle ASM	34	SG271517	3	Screw-HH
14	121-5255	2	Double Spindle ASM	35	3253-7	5	Washer-Lock
15	104-8301	30	Nut-Flange, NI	36	3231-22	6	Screw-CARR
16	106-7166-03	3	Blade-Combination (19 Inch)	37	63-1540-03	2	Pulley-Idler
17	92-5816	3	Bolt-Blade	38	117-3266	2	Screw-HH
				39	32120-84	2	Ring-Snap, External



Double Driven Spindle Assembly No. 119-4548

Ref.	Part Number	Qty.	Description
1	104-3554	1	Shaft-Spindle
2	69-6950	1	Spacer-Shaft, Spindle
3	119-4775	1	Spindle Housing ASM
3:1		1	Spindle ASM ●
3:1:2	114-8195	8	Bolt-Ribbed Neck
3:2	120-5577	1	Bearing Spacer Set
3:3	110-8297	1	Bearing ASM
3:4	253-154	2	Seal-Oil
3:5	302-60	1	Fitting-Grease
4	106-7159	1	O-Ring
5	104-3547	1	Pulley-Driven, Double
6	120-5576	1	Washer-Hardened
7	3296-60	1	Nut-Lock, NI

● Not serviced separately

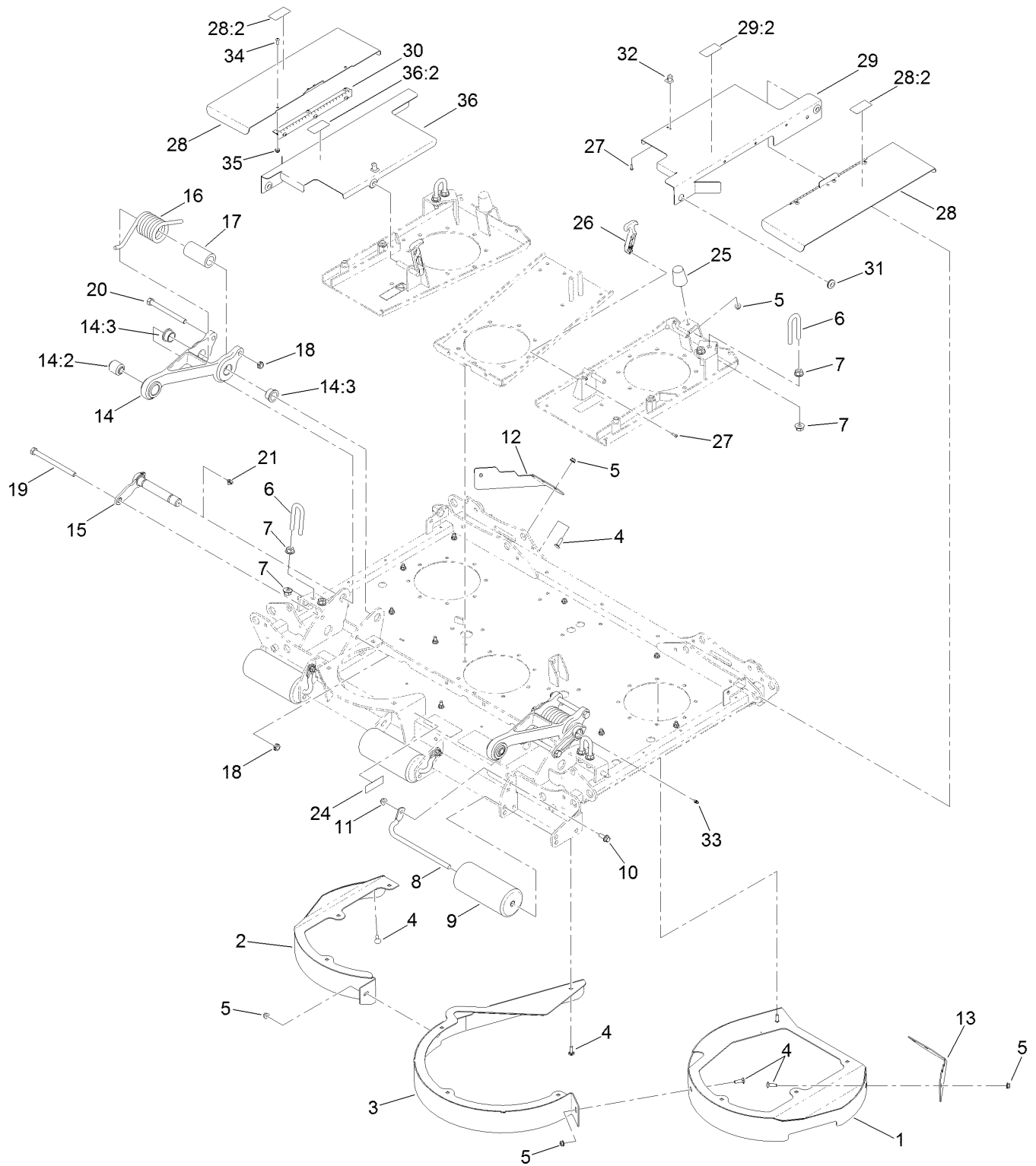


Double Spindle Assembly No. 121-5255

Ref.	Part Number	Qty.	Description
1	119-4775	1	Spindle Housing ASM
1:1		1	Spindle ASM ●
1:1:2	114-8195	8	Bolt-Ribbed Neck
1:2	120-5577	1	Bearing Spacer Set
1:3	110-8297	1	Bearing ASM
1:4	253-154	2	Seal-Oil
1:5	302-60	1	Fitting-Grease
2	69-6950	1	Spacer-Shaft, Spindle
3	104-3554	1	Shaft-Spindle
4	121-5256	1	Pulley-Driven, Double
5	120-5576	1	Washer-Hardened
6	3296-60	1	Nut-Lock, NI
7	106-7159	1	O-Ring

● Not serviced separately

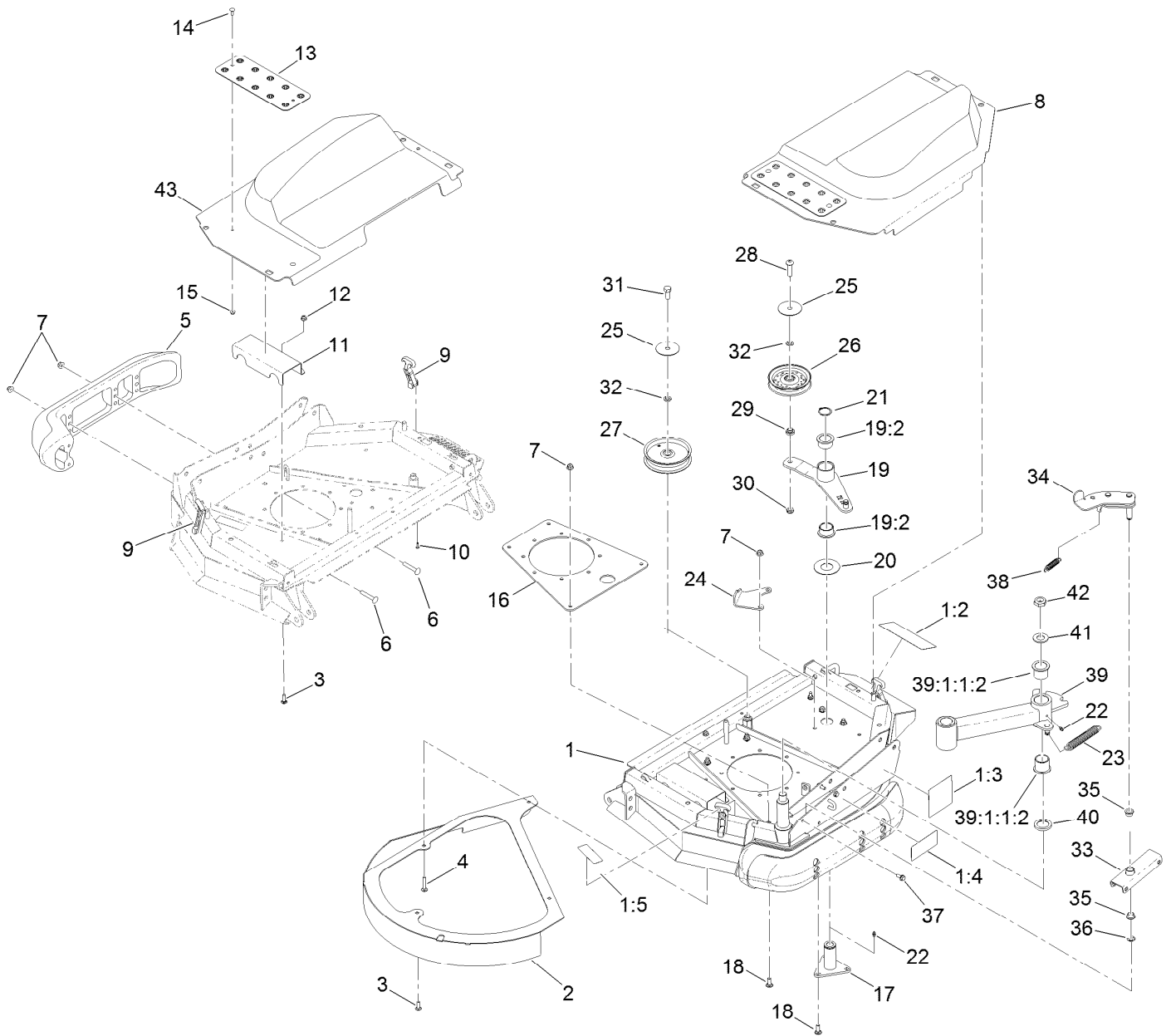
Center Deck Chamber and Cover Assembly



Center Deck Chamber 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>
1	121-5268-01	1	LH Center Chamber ASM	18	3296-45	4	Nut-Lock, NI
2	121-5267-01	1	RH Outer Center Chamber ASM	19	325-33	2	Screw-HH
3	121-5266-01	1	Center Chamber ASM	20	325-22	2	Screw-HH
4	3230-22	19	Screw-CARR	21	302-60	2	Fitting-Grease
5	104-8300	21	Nut-Flange, NI	24	125-9436	1	Decal-Regulatory
6	104-0108	4	U-Bolt	25	110-5070	2	Bumper
7	32128-49	16	Nut-HHF	26	103-4080	2	Latch-Rubber
8	68-6840	5	Shaft-Roller	27	3274-39	6	Screw-HSBH
9	68-6710	5	Roller	28	127-4957	2	Cover ASM
10	3234-42	5	Screw-HHF	28:2	119-6807	1	Decal-Warning
11	104-8301	5	Nut-Flange, NI	29	127-4959	1	LH Cover ASM
12	121-5473-01	1	Shield-RH	29:2	119-6807	1	Decal-Warning
13	121-5474-01	1	Shield-LH	30	75-5780	2	Hinge-Steel
14	112-1625	2	Pull Link ASM	31	240-9	6	Grommet
14:2	107-2328	1	Bushing	32	103-4081	2	Latch-Keeper
14:3	114-5680	2	Bushing-Flange	33	302-5	2	Fitting-Grease
15	120-5570	2	Pin-Retainer	34	3274-31	12	Screw-HSBH
16	110-9828	2	Spring-Torsion	35	104-7201	12	Nut-HF
17	110-9845	2	Spacer-Plain	36	127-4958	1	RH Cover ASM
				36:2	119-6807	1	Decal-Warning

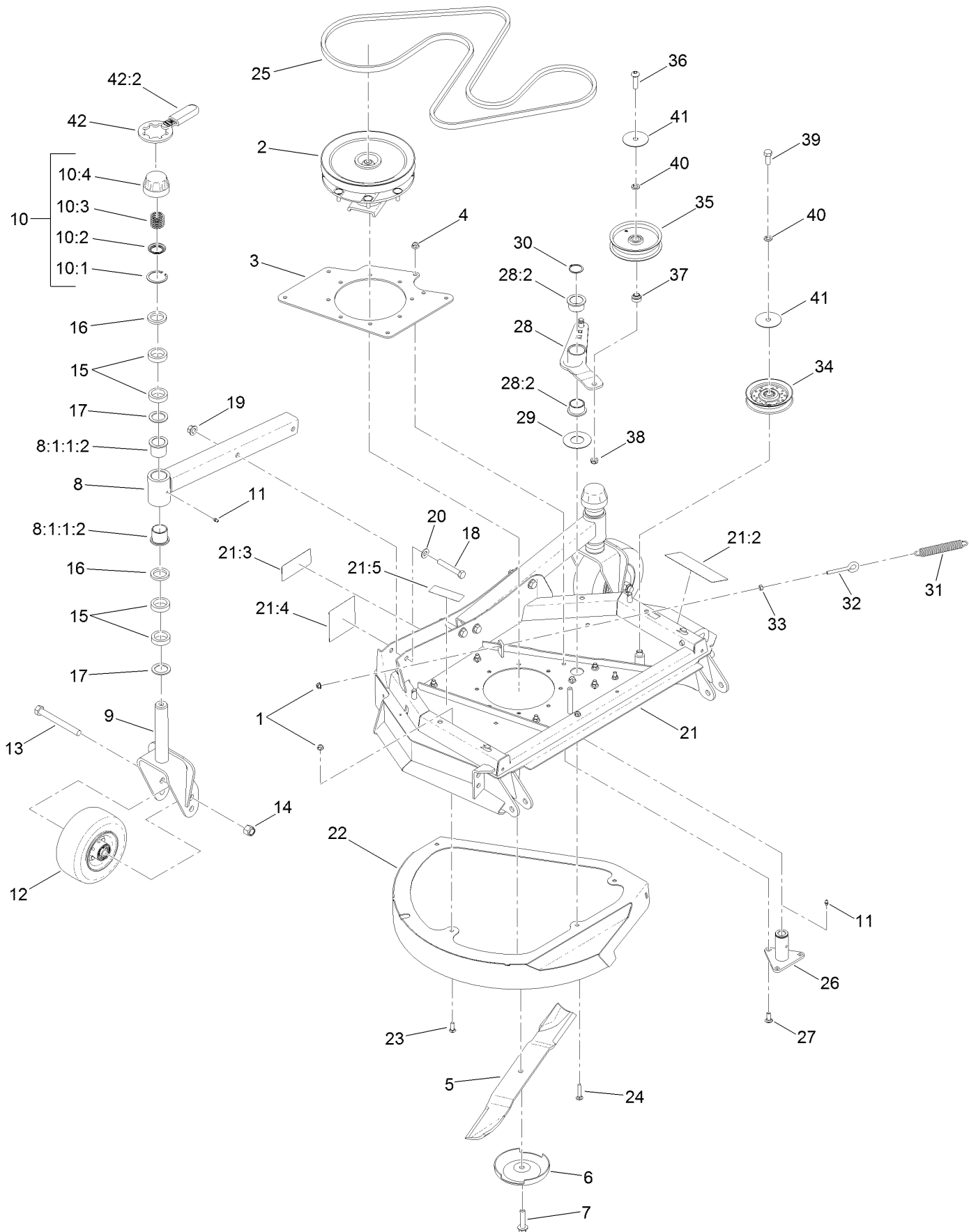
LH Wing Deck Assembly



LH Wing Deck Assembly (continued)

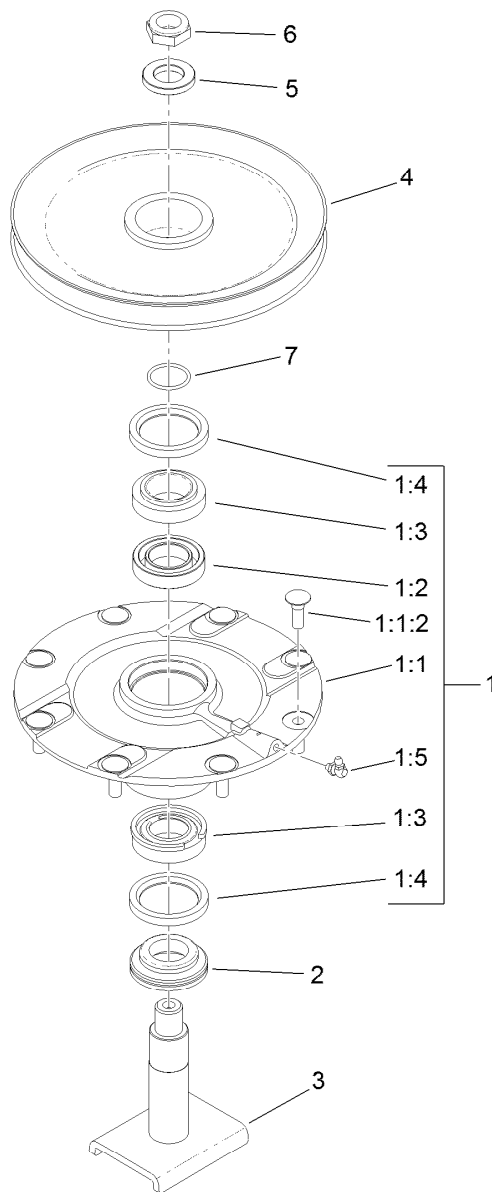
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-4842	1	LH Deck ASM	21	32120-84	1	Ring-Snap, External
1:2	125-9403	1	Decal-HOC	22	302-5	2	Fitting-Grease
1:3	120-6604	1	Decal-Danger	23	116506	1	Spring-Extension
1:4	93-7818	1	Decal-Torque, Blade Bolt	24	127-4901-03	1	Bracket-Stop, Idler
1:5	117-4979	1	Decal-Warning, Shields	25	100-3102	2	Washer-Flat
2	121-5265-01	1	LH Chamber ASM	26	63-1540-03	1	Pulley-Idler
3	3230-22	5	Screw-CARR	27	1-613098	1	Pulley-Idler
4	3230-5	1	Screw-CARR	28	108-1993	1	Screw-HSBH
5	112-1479	2	Skid-Bumper, Deck	29	108-1924	1	Spacer-Idler
6	3231-33	4	Screw-CARR	30	3296-45	1	Nut-Lock, NI
7	104-8301	11	Nut-Flange, NI	31	117-3266	1	Screw-HH
8	121-5472	1	Cover-LH	32	3253-7	2	Washer-Lock
9	103-4080	4	Latch-Rubber	33	125-9424-01	1	Latch Support ASM
10	3274-39	8	Screw-HSBH	34	127-4830	1	Latch ASM
11	121-5465-03	2	Support-Step	35	65-8770	2	Bushing-Bellcrank
12	104-8300	6	Nut-Flange, NI	36	32120-19	1	E-Ring
13	127-4820-01	2	Plate-Step	37	3234-47	4	Screw-HHF
14	3229-1	4	Bolt-CARR	38	107938	1	Spring-Extension
15	104-7201	4	Nut-HF	39	125-9415-01	1	Castor Arm ASM
16	127-4902-03	1	Plate-Stiffener, LH	39:1:1:2	69-6470	2	Bushing-Castor
17	114-0997	1	Idler Pivot ASM	40	86-6560	1	Washer-Thrust
18	3231-22	7	Screw-CARR	41	3256-29	1	Washer-Flat
19	121-5275	1	Idler Arm ASM	42	3296-60	1	Nut-Lock, NI
19:2	93-4510	2	Bushing-Caster	43	121-5471	1	Cover-RH
20	108-1926	1	Washer				

RH Wing Deck Assembly



RH Wing Deck Assembly (continued)

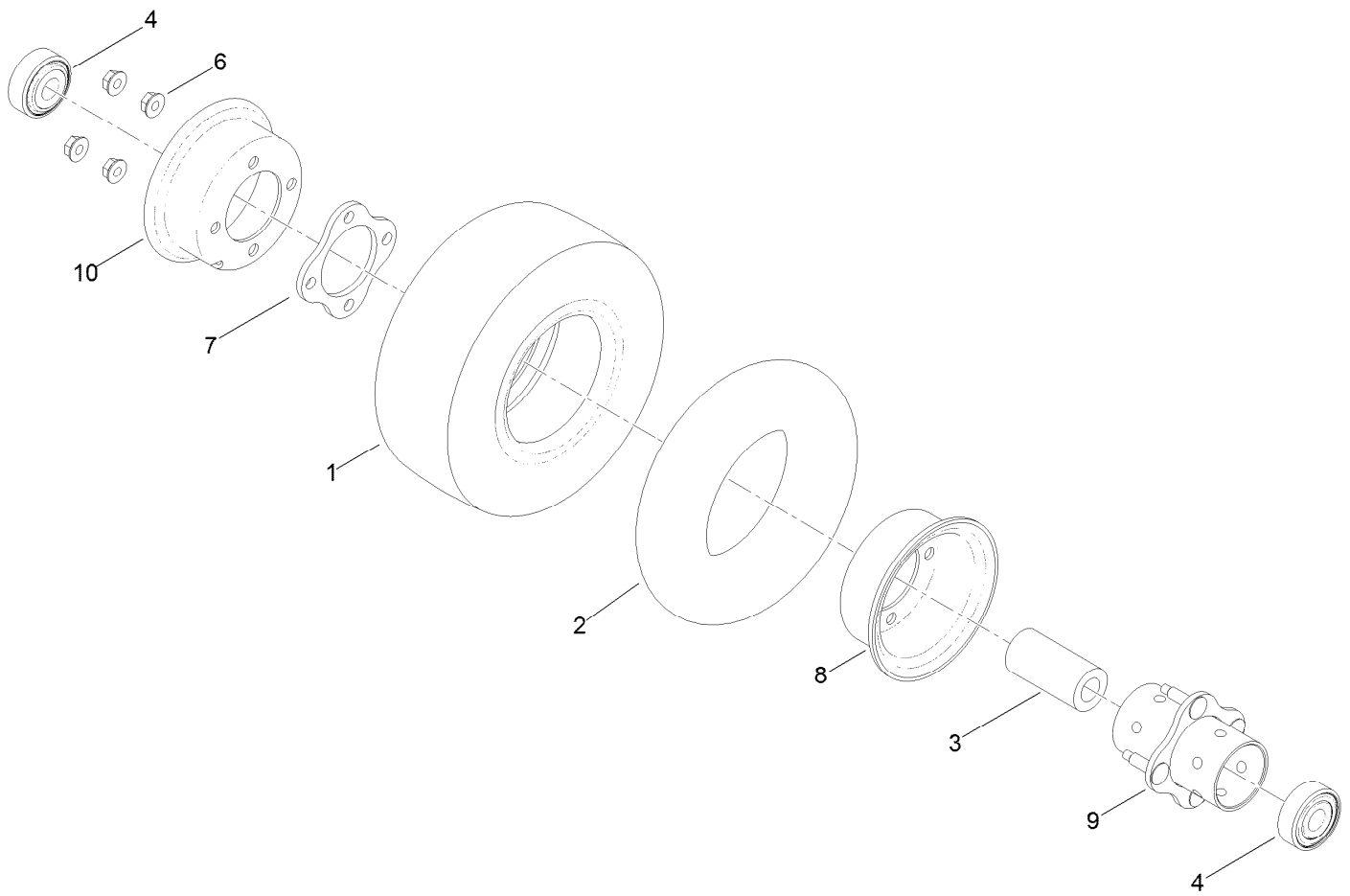
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-8300	6	Nut-Flange, NI	21:3	93-7818	1	Decal-Torque, Blade Bolt
2	121-5257	2	Upper Spindle ASM	21:4	120-6604	1	Decal-Danger
3	127-4903-03	1	Plate-Stiffener, RH	21:5	117-4979	1	Decal-Warning, Shields
4	104-8301	23	Nut-Flange, NI	22	121-5264-01	1	RH Chamber ASM
5	125-9444-03	2	Blade-Combination, 25.18	23	3230-22	3	Screw-CARR
6	72-9361	2	Cup-Scalp, Anti	24	3230-5	1	Screw-CARR
7	92-5816	2	Bolt-Blade	25	121-5252	2	Belt-V
8	121-5263-01	3	Castor Arm ASM	26	114-0997	1	Idler Pivot ASM
8:1:1:2	69-6470	2	Bushing-Castor	27	3231-22	7	Screw-CARR
9	104-0762-01	4	Fork-Castor	28	121-5275	1	Idler Arm ASM
10	92-8862	4	HOC Cap ASM	28:2	93-4510	2	Bushing-Caster
10:1	92-5581	1	Ring-Retaining	29	108-1926	1	Washer
10:2	92-5583	1	Washer-Cap	30	32120-84	1	Ring-Snap, External
10:3	92-5584	1	Spring-Compression	31	127-4911	2	Spring-Extension
10:4	92-8861	1	Cap-HOC	32	85-9910	2	Eyebolt
11	302-5	5	Fitting-Grease	33	3217-6	2	Nut-Hex
12	93-9938	4	Wheel ASM	34	63-1540-03	1	Pulley-Idler
13	327-24	4	Screw-HH	35	1-613098	1	Pulley-Idler
14	3296-53	4	Nut-Lock, NI	36	108-1993	1	Screw-HSBH
15	69-1510	16	Spacer	37	121-5274	1	Spacer-Idler
16	121-5485	8	Spacer	38	3296-45	1	Nut-Lock, NI
17	69-6860	8	Washer-Thrust	39	117-3266	1	Screw-HH
18	325-13	6	Screw-HH	40	3253-7	2	Washer-Lock
19	99-5107	6	Nut-Lock	41	100-3102	2	Washer-Flat
20	3256-26	6	Washer-Flat	42	121-3874	1	Wrench ASM
21	127-4841	1	RH Deck ASM	42:2	119-1846	1	Grip
21:2	125-9403	1	Decal-HOC				



Wing Deck Spindle Assembly No. 121-5257

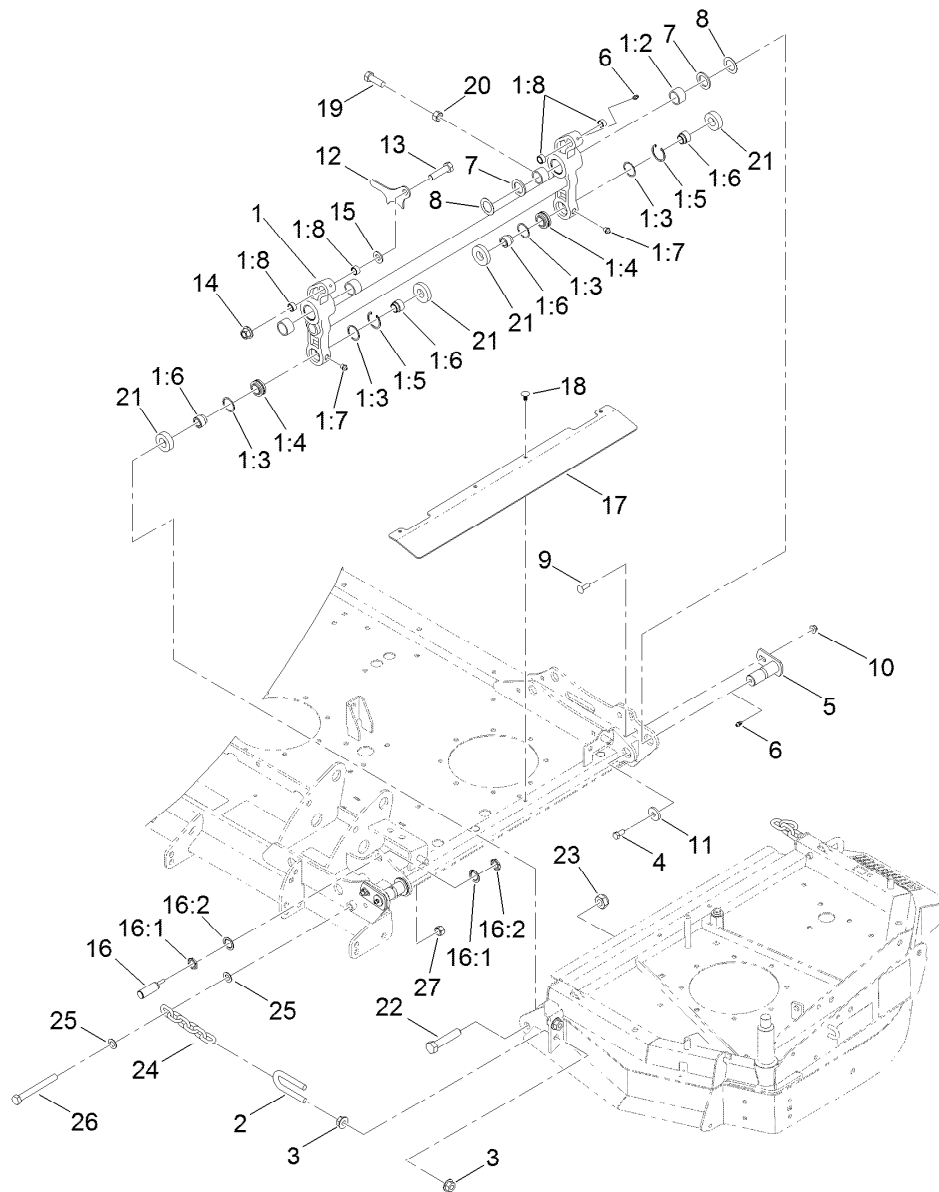
Ref.	Part Number	Qty.	Description
1	119-4775	1	Spindle Housing ASM
1:1		1	Spindle ASM ●
1:1:2	114-8195	8	Bolt-Ribbed Neck
1:2	120-5577	1	Bearing Spacer Set
1:3	110-8297	1	Bearing ASM
1:4	253-154	2	Seal-Oil
1:5	302-60	1	Fitting-Grease
2	69-6950	1	Spacer-Shaft, Spindle
3	104-3554	1	Shaft-Spindle
4	121-5258	1	Pulley-Driven, Upper
5	120-5576	1	Washer-Hardened
6	3296-60	1	Nut-Lock, NI
7	106-7159	1	O-Ring

● Not serviced separately



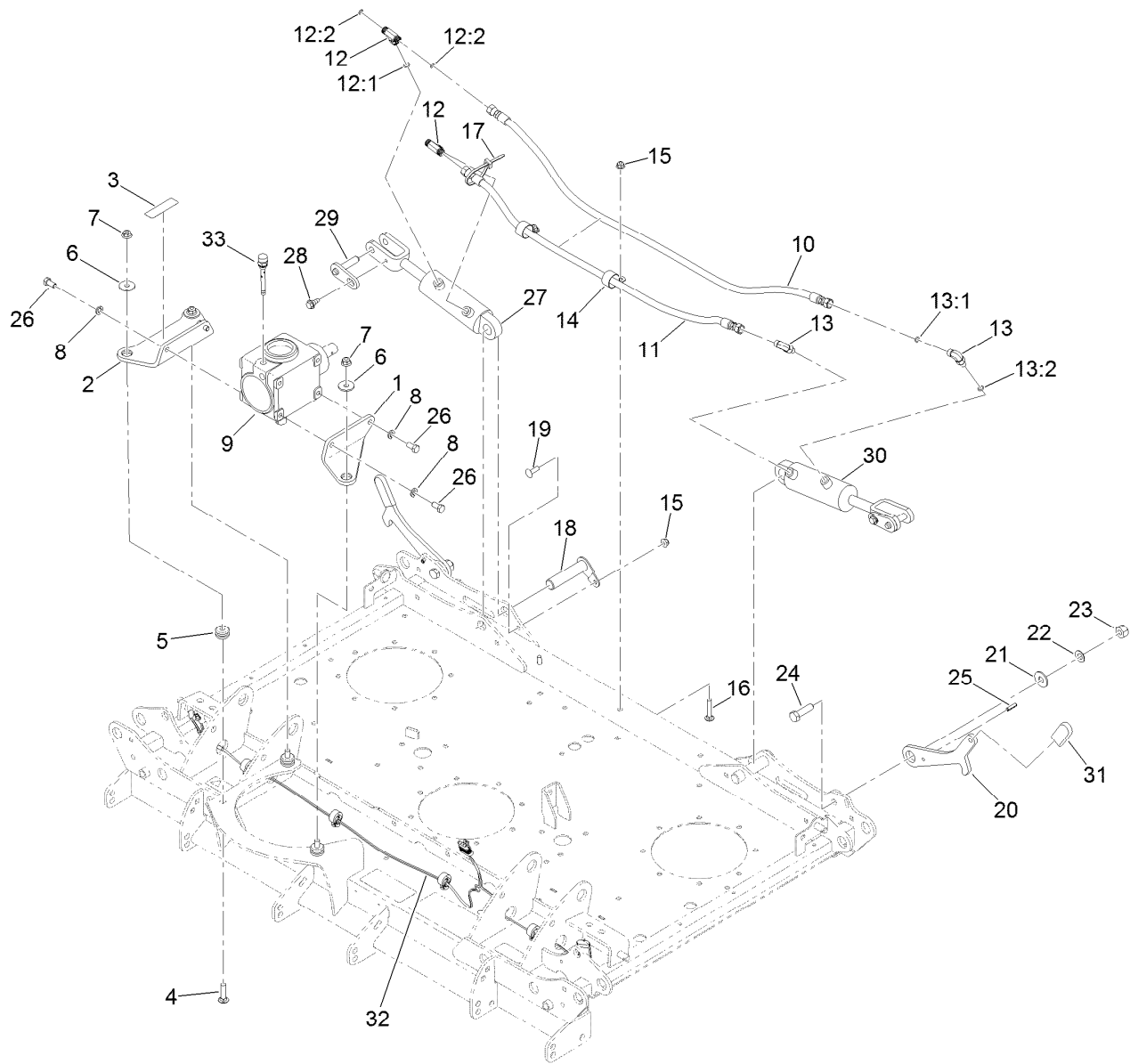
Wheel Assembly No. 93-9938

Ref.	Part Number	Qty.	Description
1	93-9939	1	Tire
2	68-8950	1	Tube-Inner (W/Valve)
3	93-4241	1	Spacer-Bearing, Inner
4	120-3366	2	Bearing
6	32128-16	4	Nut-HHF
7	93-4242	1	Plate
8	93-4239	1	Rim-Wheel, Half
9	93-5980	1	Hub
10	95-2741	1	Rim-Wheel, Half



Lift Arm and Linkage Assembly

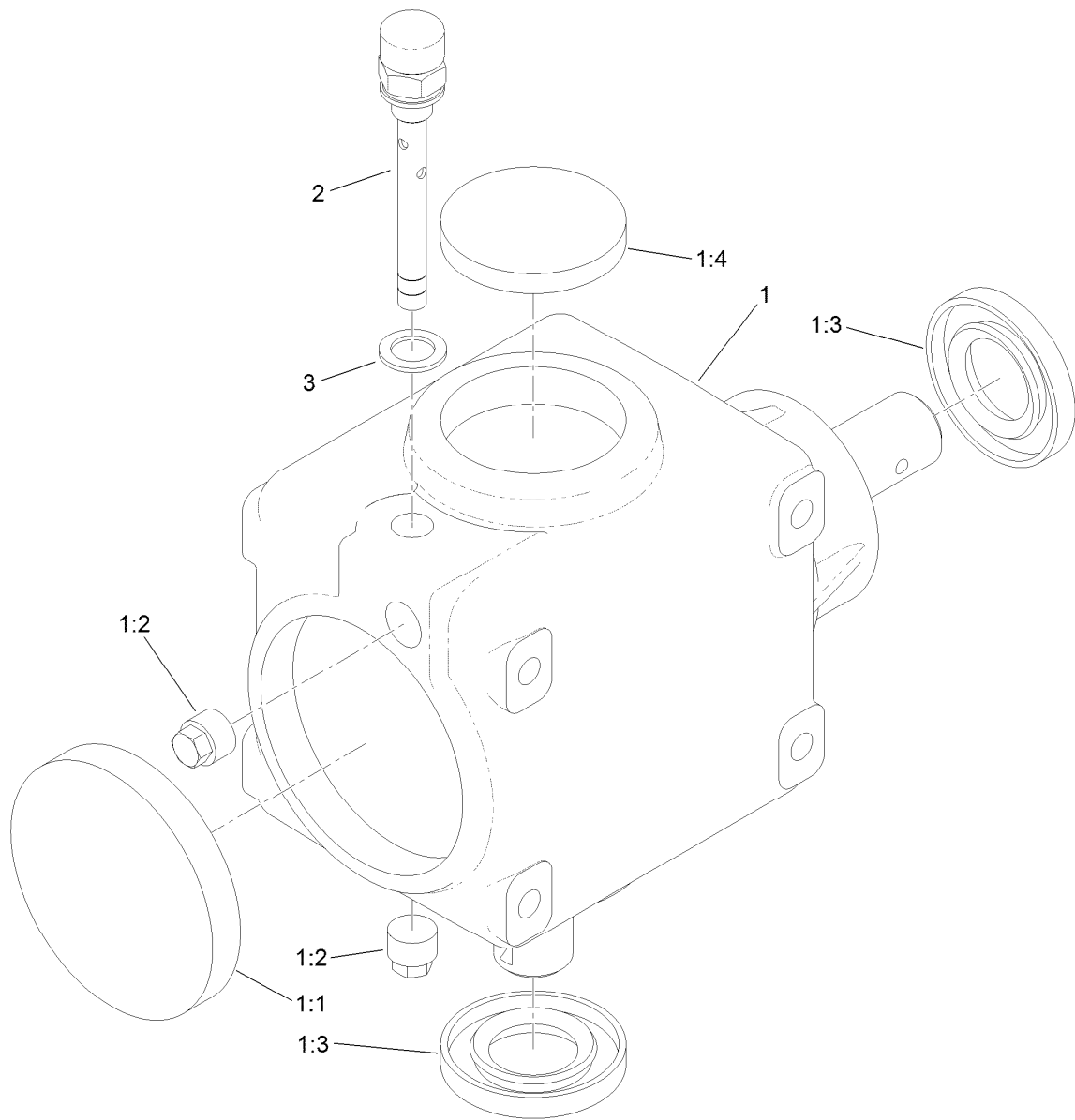
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	125-9407	2	Lift Arm ASM	12	130-9169	2	Sensor-Switch
1:2	127-4912	4	Bushing	13	325-8	2	Screw-HH
1:3	110-6198	4	Washer-Flat	14	99-5107	2	Nut-Lock
1:4	105-7441	2	Bearing-Spherical	15	3256-26	2	Washer-Flat
1:5	32151-34	2	Ring-Retaining	16	115-5300	2	Proximity Switch ASM
1:6	105-7443	4	Spacer-Pilot	16:1	117-3207	2	Nut-Hex
1:7	302-52	2	Fitting-Grease	16:2	117-3208	2	Washer-Lock, Internal Tooth
1:8	127-4825	4	Bushing-Str (.500 Nom Id)	17	121-5279	2	Shield-Flex
2	104-0108	4	U-Bolt	18	117-2382	8	Plug-Plastic
3	32128-49	16	Nut-HHF	19	325-6	2	Screw-HH
4	323-4	4	Screw-HH	20	3217-9	2	Nut-HH
5	121-5486	4	Pivot Pin ASM	21	127-4971	8	Seal-Foam
6	302-5	6	Fitting-Grease	22	104-5895	4	Screw-HH
7	92-7845	8	Spacer-Hardened	23	3296-61	4	Nut-Lock
8	9547	8	Washer-Thrust	24	127-4818	4	Chain-6 Link
9	3230-22	4	Screw-CARR	25	605256	8	Washer-Plain
10	104-8300	4	Nut-Flange, NI	26	702093	4	Screw-HH
11	53-6380	4	Washer-Flat	27	32153-5	4	Nut-Hex



Gearbox and Hydraulics Assembly

Ref.	Part Number	Qty.	Description
1	115-1388-03	1	Mount-Gearbox, LH
2	121-5259-03	1	Bracket-Gearbox, RH
3	93-6697	1	Decal-Lube
4	3231-26	3	Screw-CARR
5	63-9750	3	Mount
6	63-8410	3	Washer
7	104-8301	3	Nut-Flange, NI
8	3253-21	4	Washer-Lock
9	130-8659	1	Gearbox ASM
10	98-4590	1	Hose-HYD
11	106-9674	1	Hose ASM
12	340-125	2	Fitting-Tee
12:1	237-21	2	O-Ring
12:2	237-78	1	O-Ring
13	340-132	2	Fitting-HYD, 90 DEG
13:1	237-78	1	O-Ring
13:2	237-21	1	O-Ring
14	2412-126	2	R-Clamp
15	104-8300	4	Nut-Flange, NI

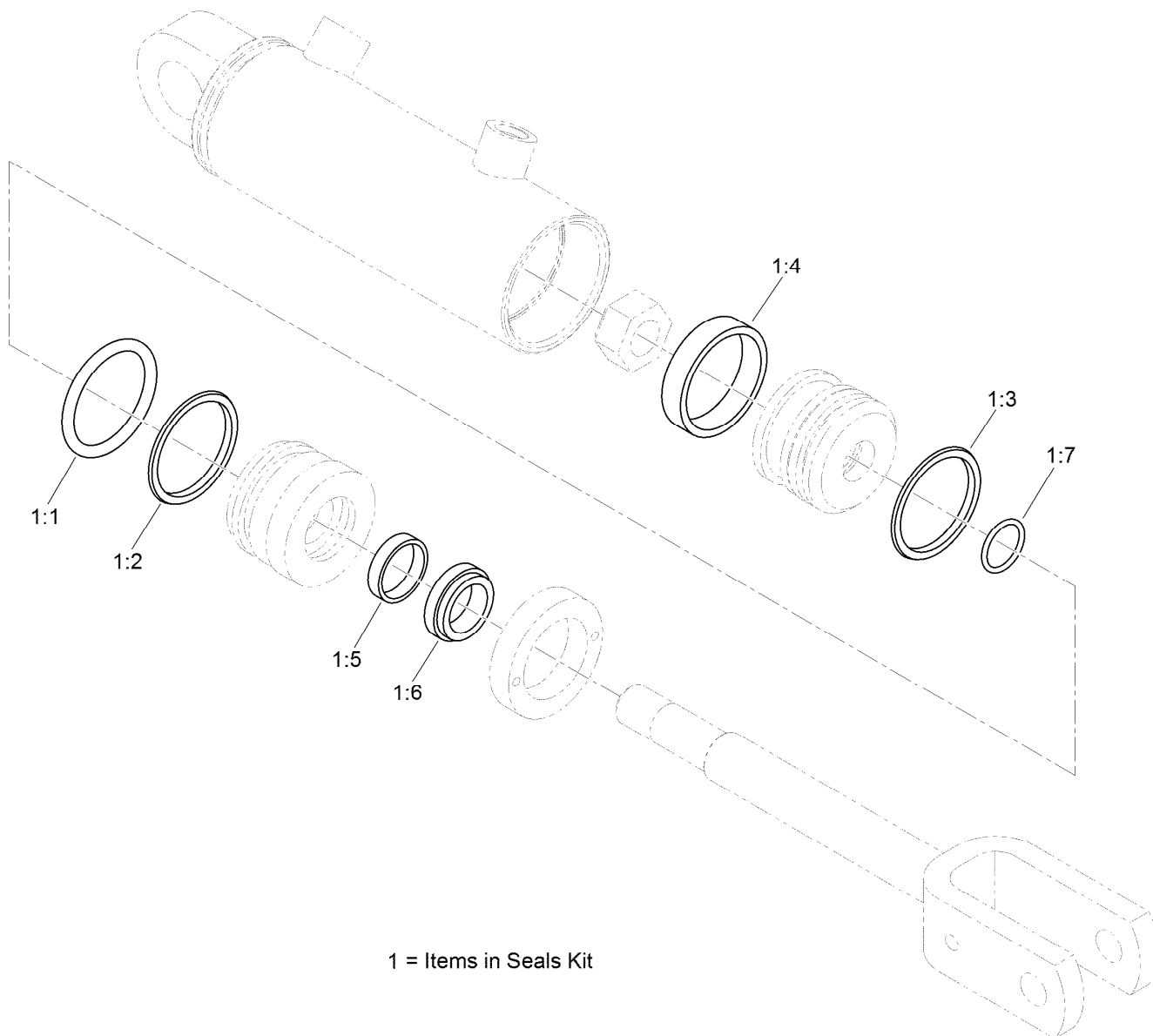
Ref.	Part Number	Qty.	Description
16	3230-5	2	Screw-CARR
17	3290-378	1	Tie-Cable
18	119-8104	2	Pin ASM
19	3230-22	2	Screw-CARR
20	121-5488-03	2	Latch-Wing
21	3256-6	2	Washer-Flat
22	3290-483	2	Washer-Conical
23	3296-25	2	Nut-Lock, NI
24	325-7	2	Screw-HH
25	32121-24	2	Pin-Spring
26	323-4	4	Screw-HH
27	125-9400	1	Cylinder-Hydraulic
28	99-5105	2	Bolt-Shoulder
29	127-4822	2	Pin ASM
30	125-9401	1	Cylinder-Hydraulic
31	48-7081	2	Grip-Plastic
32	122-0176	1	Harness-Wire
33	130-8661	1	Plug-Breather



Gearbox Assembly No. 130-8659

Ref.	Part Number	Qty.	Description
1		1	Gearbox ASM ●
1:1	107-2932	1	Cap-Oil
1:2	107-2933	2	Plug
1:3	117-9247	2	Seal
1:4	107-2935	1	Cap-Oil
2	130-8661	1	Plug-Breather
3	130-4899	1	Washer

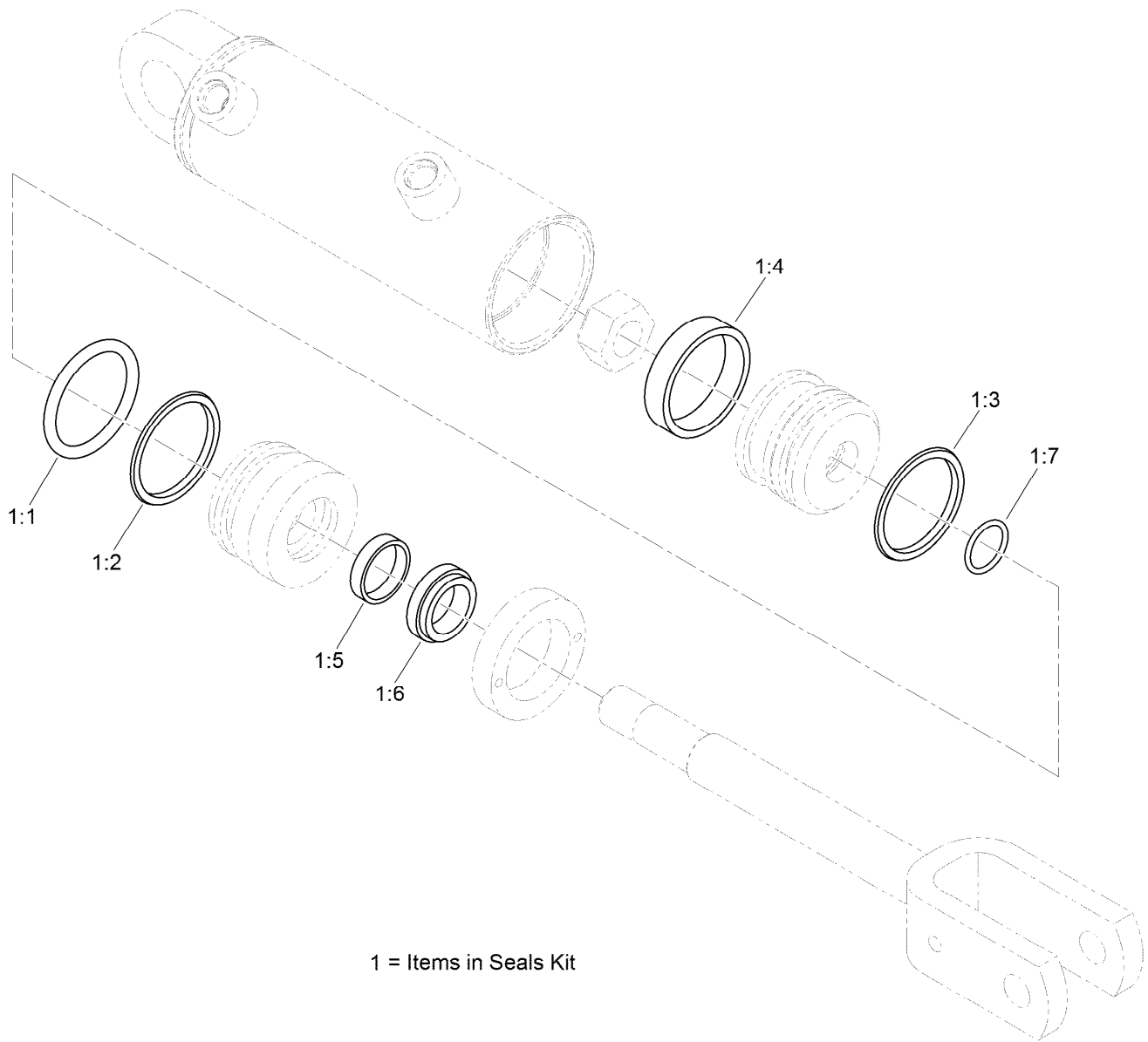
● Not serviced separately



Hydraulic Cylinder Assembly No. 125-9400

Ref.	Part Number	Qty.	Description
1	127-4953	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Bp Seal ●
1:4		1	Wear Ring ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●

● Not serviced separately



Hydraulic Cylinder Assembly No. 125-9401

Ref.	Part Number	Qty.	Description
1	127-4953	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Bp Seal ●
1:4		1	Wear Ring ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●

● Not serviced separately

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