Form No. 3372-474 Rev A

TORO®

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Parts Catalog

60in Side Discharge Mower

Groundsmaster® 3320/3280-D Traction Unit

Model No. 30366—Serial No. 312000001 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

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: Liquid Propane

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

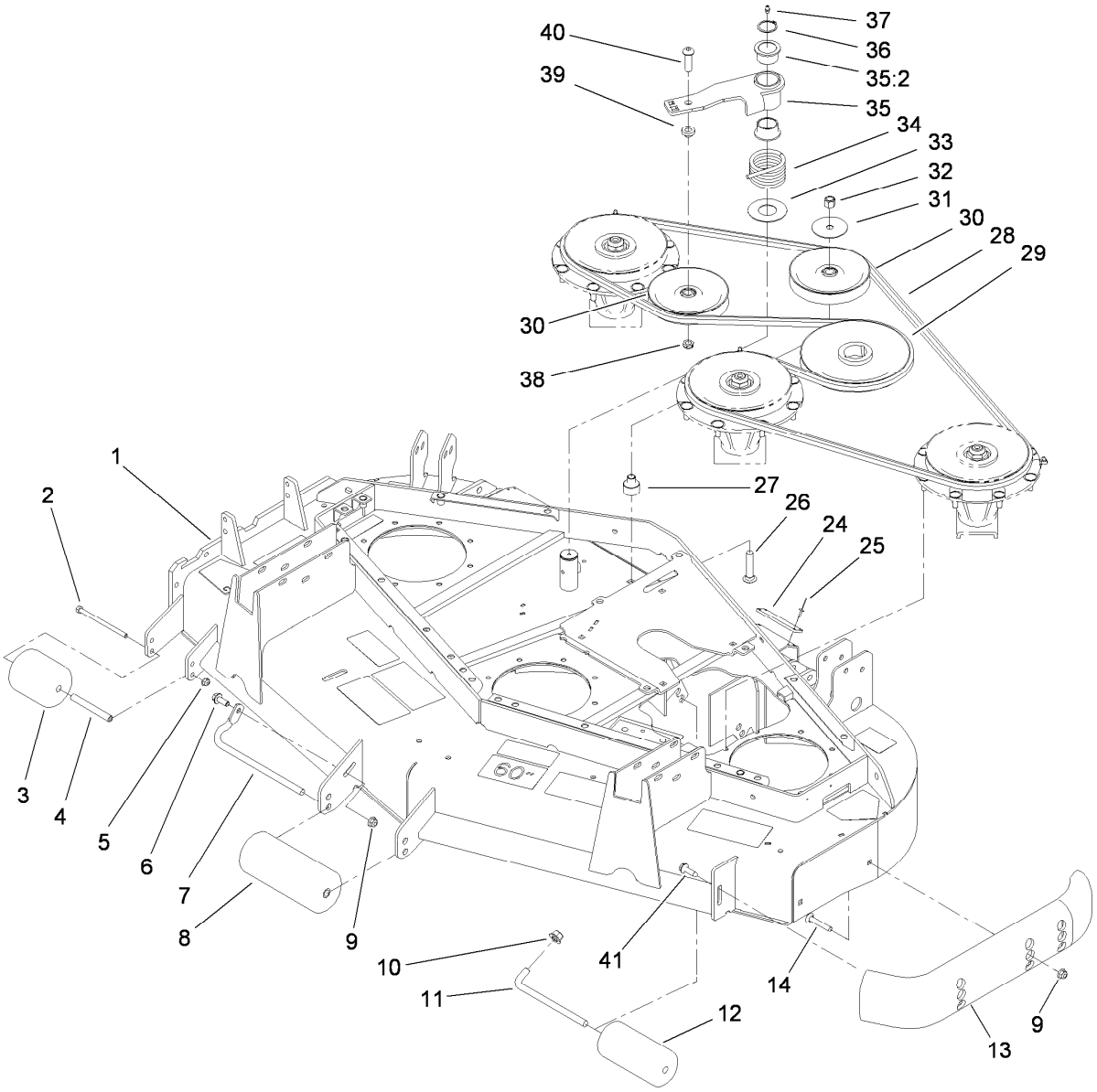
TTH: torx truss head

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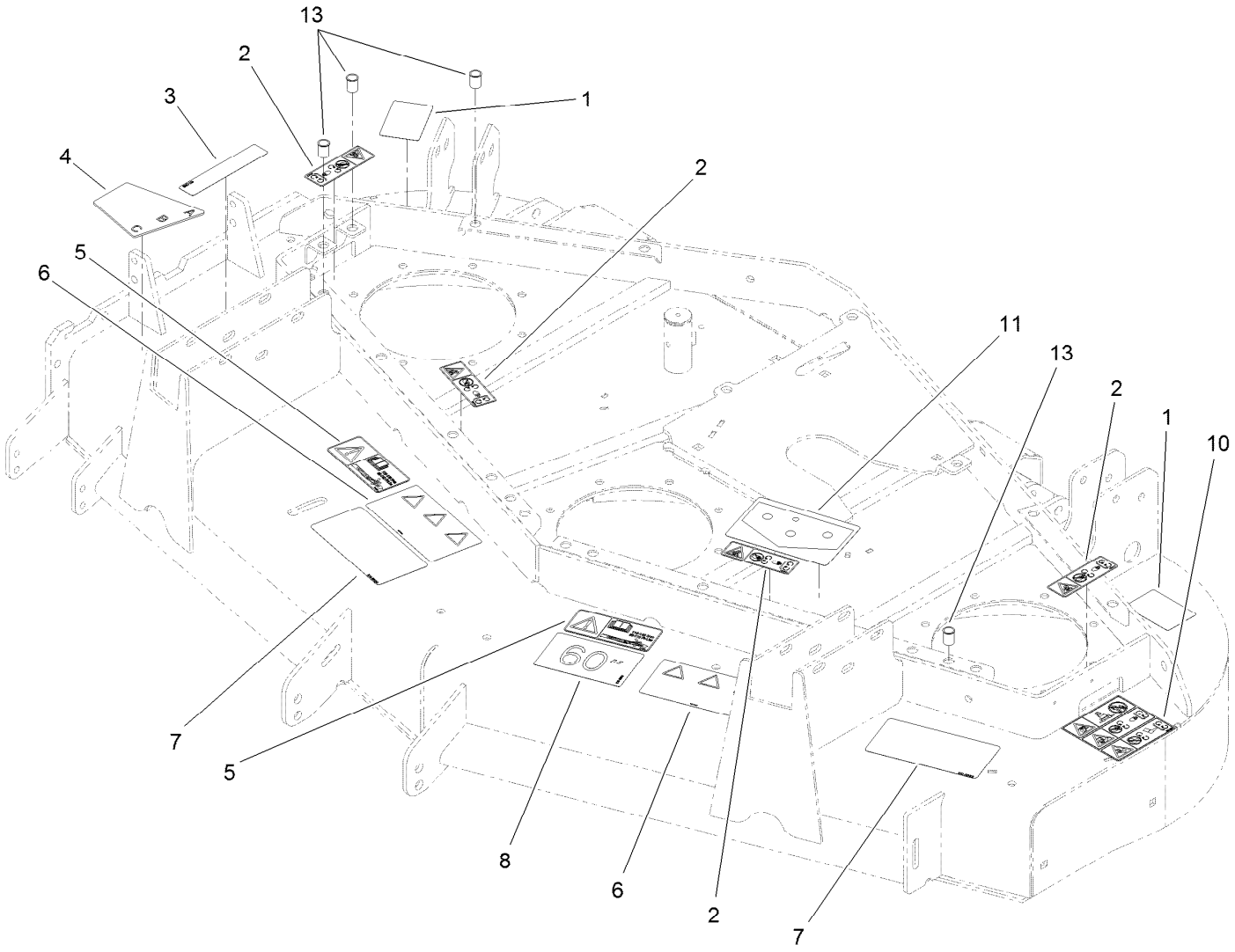
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Deck, Roller, Belt and Pulley Assembly

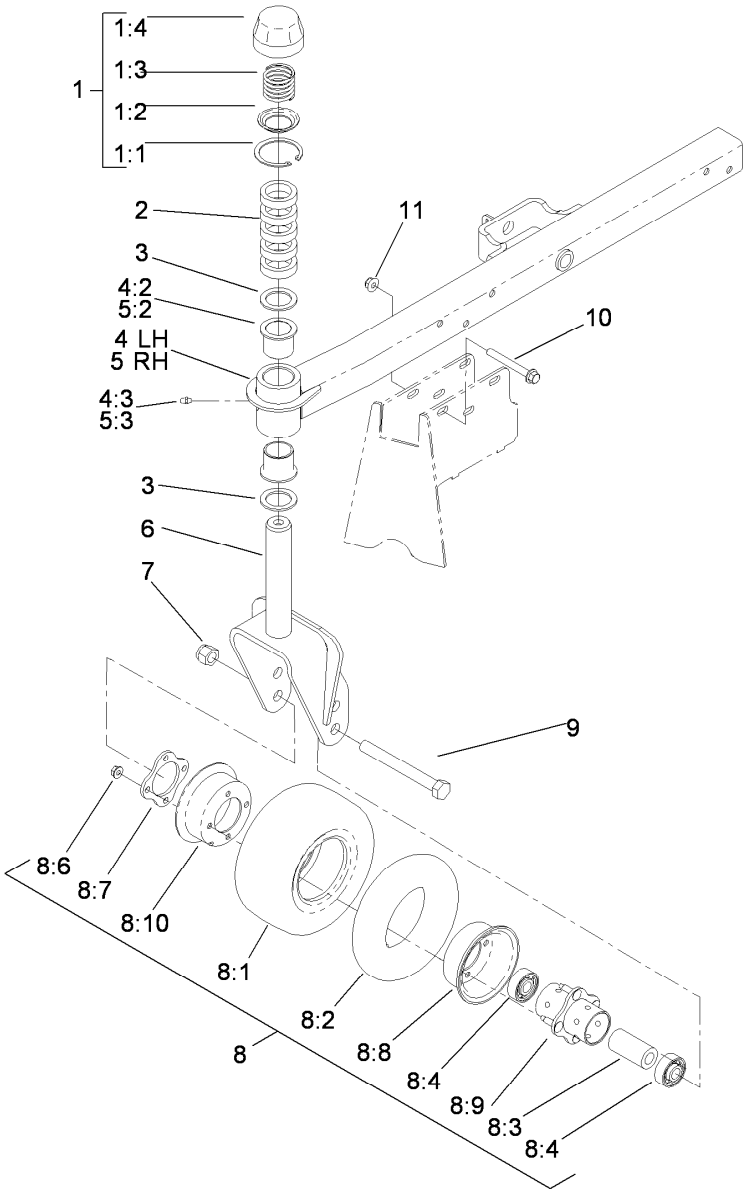
Ref.	Part Number	Qty.	Description
1	107-7271	1	Deck ASM
2	322-29	1	Screw-HH
3	93-4803	1	Roller-Deck
4	105-4549	1	Spacer-Roller
5	104-8300	1	Nut-Flange, NI
6	3234-42	1	Screw-HHF
7	68-6840	1	Shaft-Roller
8	68-6710	1	Roller
9	104-8301	3	Nut-Flange, NI
10	99-5107	2	Nut-Lock
11	110-9683	2	Shaft-Rear Roller
12	36-1740	2	Roller-Deck
13	112-1479	1	Skid-Bumper, Deck
14	3231-33	2	Screw-CARR
24	108-1914	2	Pad-Bumper
25	3269-24	8	Rivet
26	3233-34	1	Screw-CARR

Ref.	Part Number	Qty.	Description
27	108-1908	1	Spacer-Idler
28	108-4391	1	Belt-Hex
29	108-1950	1	Pulley
30	01-268-0160	2	Pulley-Idler
31	100-3102	1	Washer-Flat
32	3296-23	1	Nut-Lock, NI
33	108-1926	1	Washer
34	108-1921	1	Spring-Torsion
35	108-1930	1	Idler Arm ASM
35:2	93-4510	2	Bushing-Caster
36	32120-84	1	Ring-Snap, External
37	302-5	1	Fitting-Grease
38	3296-45	1	Nut-Lock, NI
39	108-1924	1	Spacer-Idler
40	108-1993	1	Screw-HSBH
41	9136144	1	Screw-HWHTF



Deck Assembly No. 107-7271

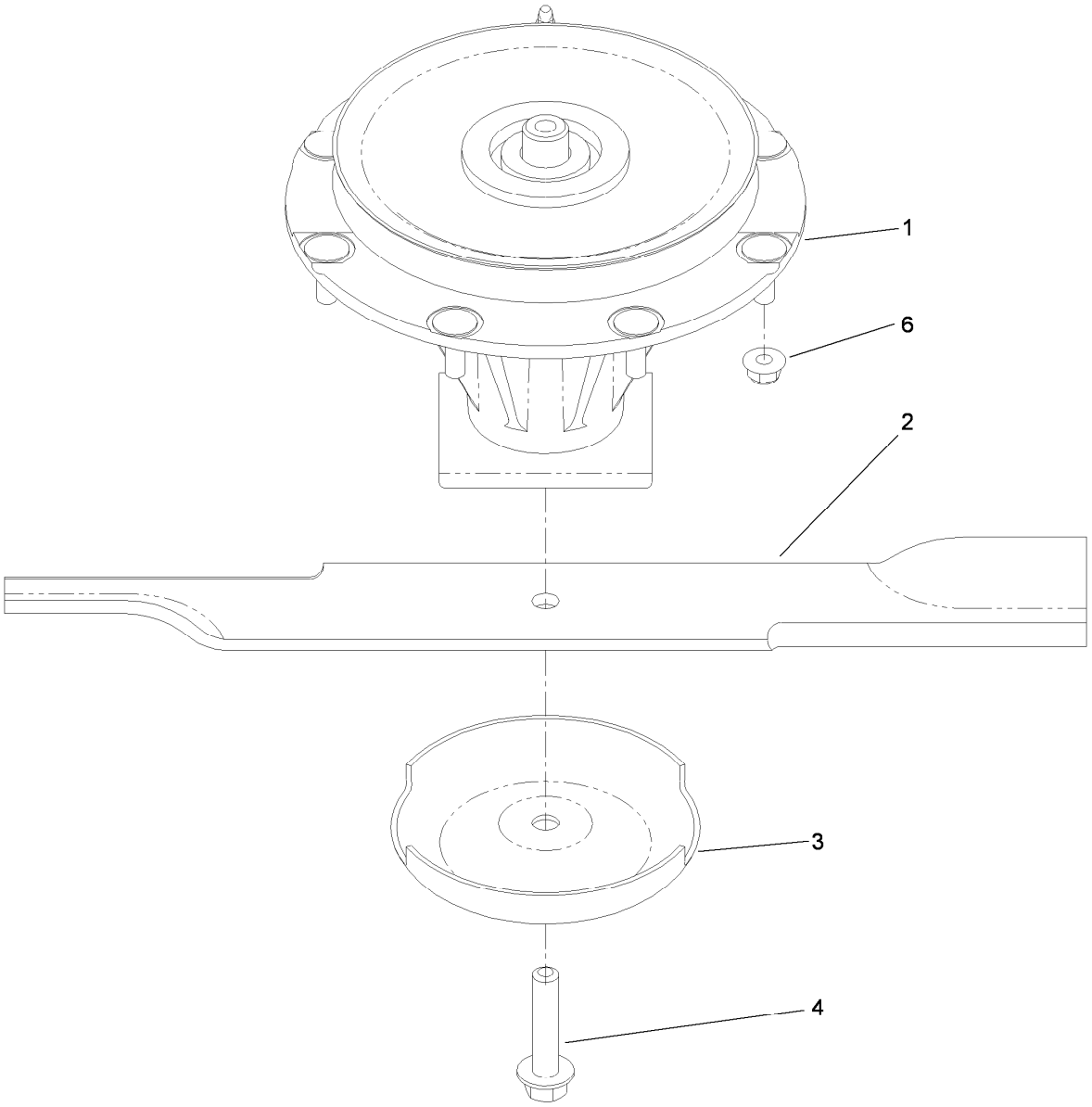
Ref.	*Part Number*	*Qty.*	*Description*
1	108-1986	2	Decal-HOC, Rear
2	117-4979	4	Decal-Warning, Shields (Ce)
3	107-2916	1	Decal-Warning
4	107-1622	1	Decal-Adjustment, Baffle
5	93-7818	2	Decal-Torque, Blade Bolt
6	107-2908	2	Decal-Danger, Combination
7	100-5622	2	Decal-HOC
8	108-1990	1	Decal
10	120-6604	1	Decal-Danger
11	108-1988	1	Decal-Routing, Belt
13	32148-9	4	Insert-Nut



Caster Arm Assembly

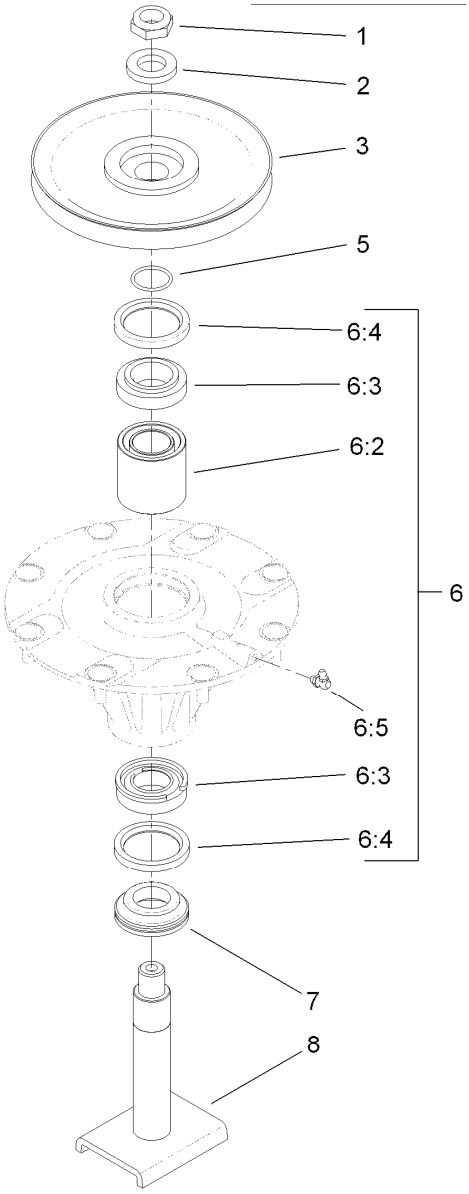
Ref.	Part Number	Qty.	Description
1	92-9727	2	HOC Cap ASM
1:1	92-5581	1	Ring-Retaining
1:2	92-5583	1	Washer-Cap
1:3	92-9726	1	Spring-Compression
1:4	92-8861	1	Cap-HOC
2	69-1510	10	Spacer-Caster
3	69-6860	4	Washer-Thrust
4	108-5744	1	LH Caster Arm ASM
4:2	69-6470	2	Bushing-Castor
4:3	302-5	1	Fitting-Grease
5	108-5745	1	RH Caster Arm ASM
5:2	69-6470	2	Bushing-Castor
5:3	302-5	1	Fitting-Grease
6	104-0762-01	2	Caster Fork ASM

Ref.	Part Number	Qty.	Description
7	3296-53	2	Nut-Lock, NI
8	93-9938	2	8 Inch Wheel ASM
8:1	93-9939	1	Tire
8:2	68-8950	1	Tube-Inner (W/Valve)
8:3	93-4241	1	Spacer-Bearing, Inner
8:4	120-3366	2	Bearing
8:6	32128-16	4	Nut-HHF
8:7	93-4242	1	Plate
8:8	93-4239	1	Rim-Wheel, Half
8:9	93-5980	1	Hub
8:10	95-2741	1	Rim-Wheel, Half
9	327-24	2	Screw-HH
10	3234-41	10	Screw-HHF
11	104-8301	10	Nut-Flange, NI



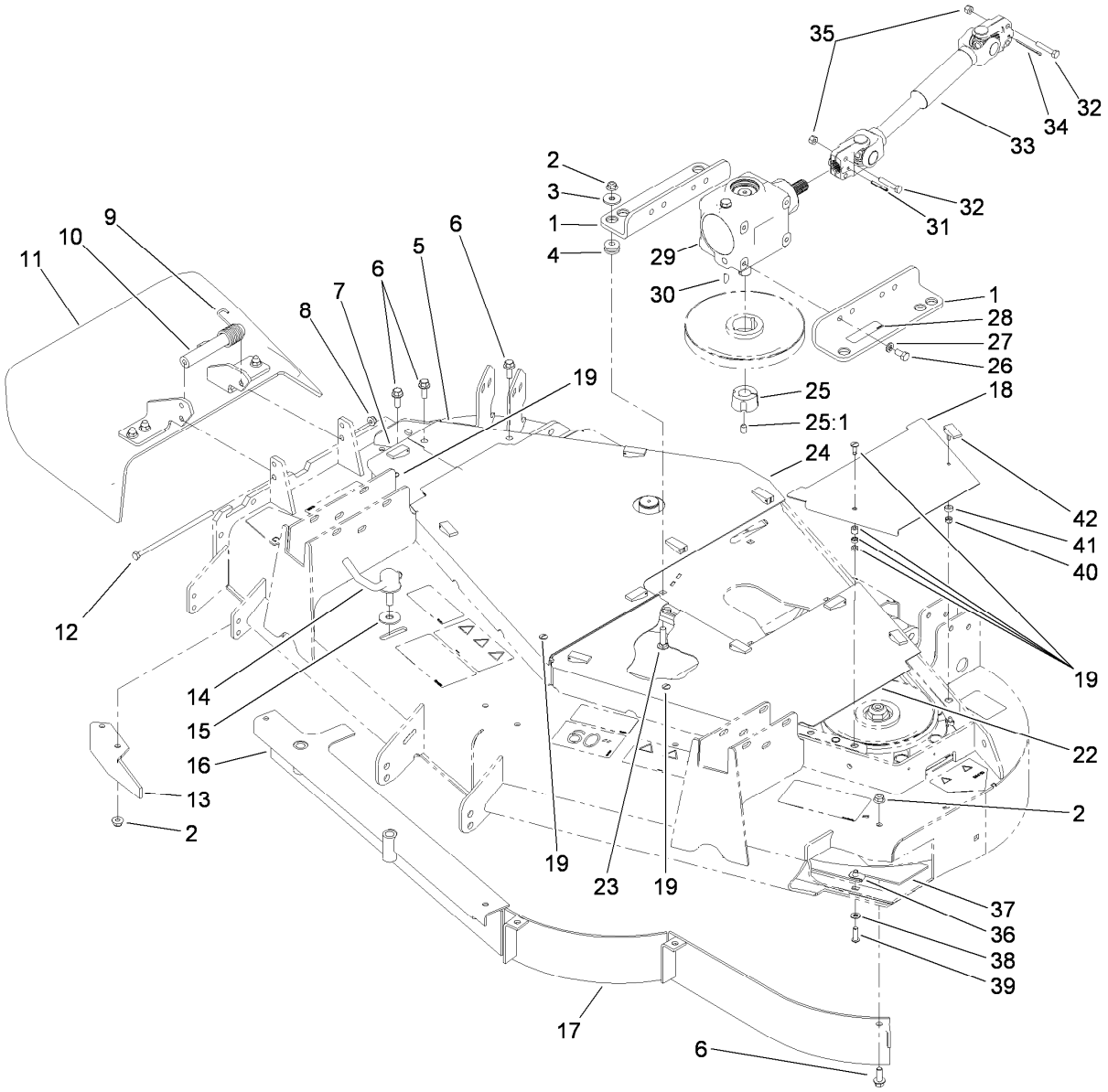
Spindle and Blade Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	119-4778	3	Spindle ASM
2	110-4701-03	3	Blade-Rotary, Standard (20.5)
3	72-9361	3	Cup-Scalp, Anti
4	92-5816	3	Bolt-Blade
6	104-8301	24	Nut-Flange, NI



Spindle Assembly No. 119-4778

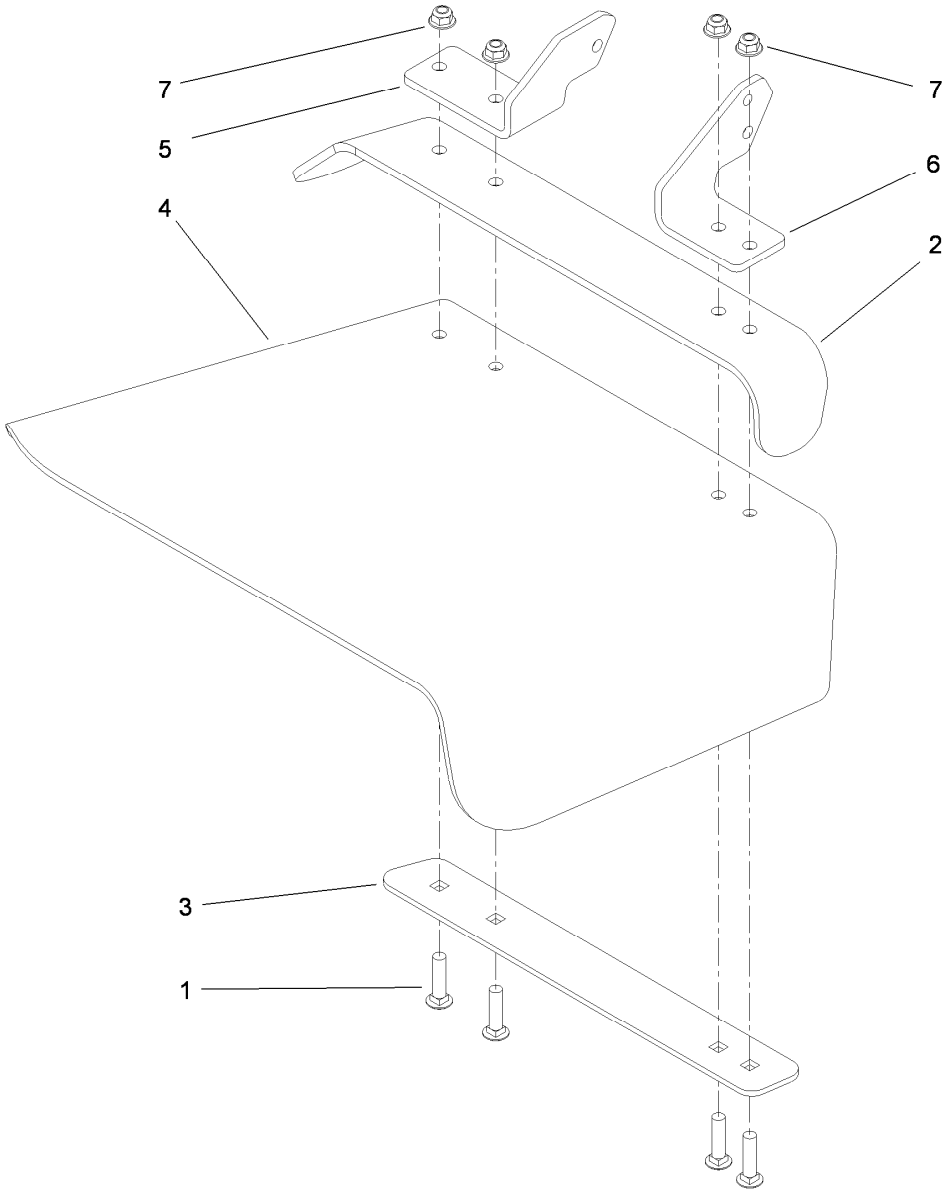
Ref.	*Part Number*	*Qty.*	*Description*
1	3296-60	1	Nut-Lock, NI
2	104-8322	1	Washer-Hardened
3	104-3546	1	Pulley-Driven, Low
5	106-7159	1	O-Ring
6	119-4777	1	Spindle ASM
6:2	108-1954	1	Spacer Set-Bearing
6:3	110-8297	1	Bearing ASM
6:4	253-154	2	Seal-Oil
6:5	302-60	1	Fitting-Grease
7	69-6950	1	Spacer-Shaft, Spindle
8	108-1956	1	Shaft ASM



Cover, Gearbox and Baffle Assembly

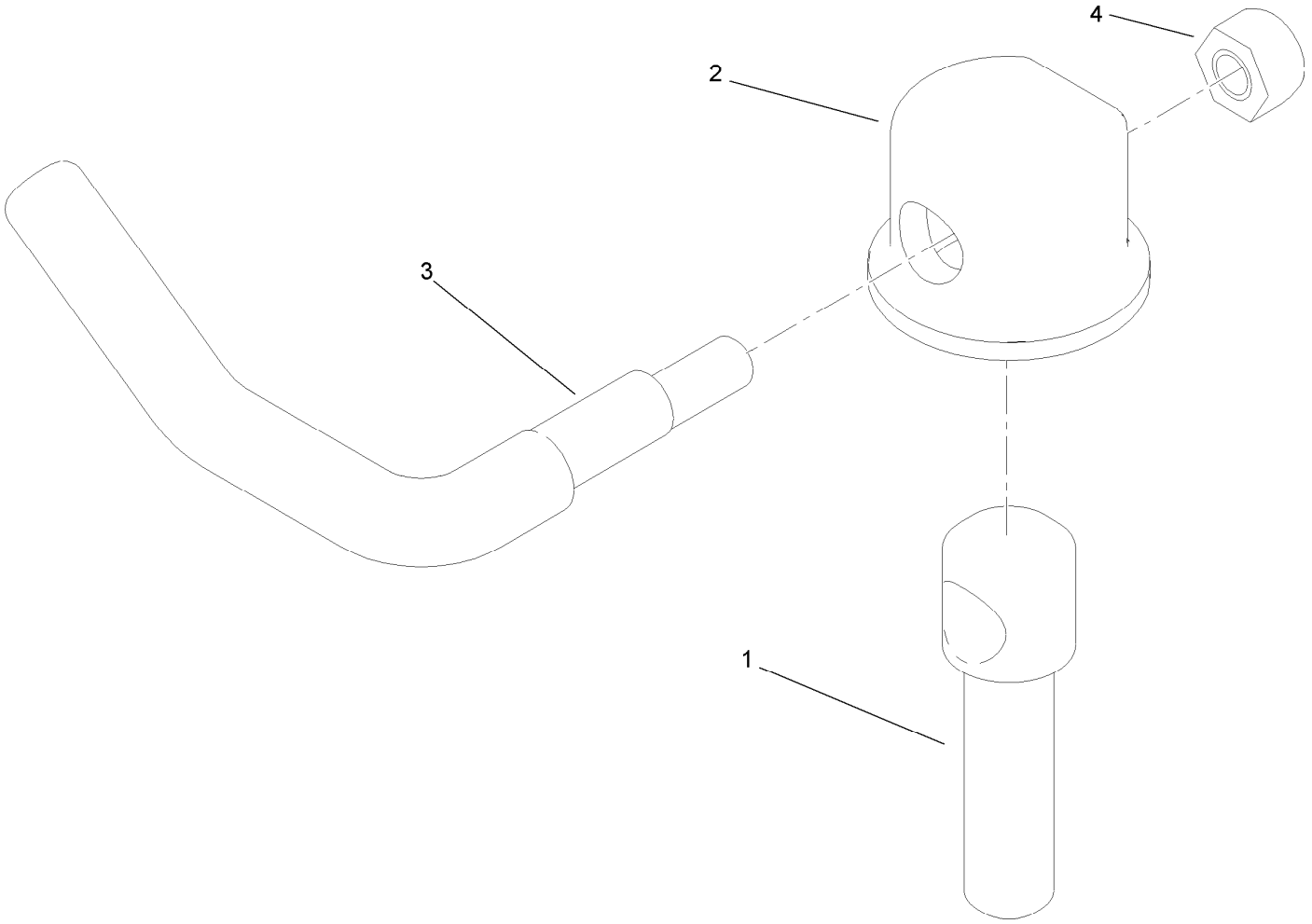
Ref.	Part Number	Qty.	Description
1	108-4376-03	2	Bracket-Gearbox
2	104-8301	10	Nut-Flange, NI
3	63-8410	4	Washer
4	63-9750	4	Mount
5	108-6064-03	1	Cover-Outside, Rear (RH)
6	3234-42	8	Screw-HHF
7	119-4798-03	1	Cover-Front Outside, RH
8	104-8300	1	Nut-Flange, NI
9	108-4052	1	Spring-Torsion
10	105-4622	1	Spacer
11	108-2792	1	Rubber Deflector ASM
12	112-9557	1	Screw-HH
13	106-3216-01	1	Baffle-Discharge
14	107-1664	2	Lever ASM
15	105-7697	2	Washer-Plastic
16	105-7669-01	1	Baffle ASM
17	105-7657-01	1	Baffle ASM
18	119-4795-03	1	Cover-Outside, LH
19	117-6989	4	Fractional Turn Oval Head Stud ASM
22	119-4796-03	1	Cover-Middle, LH

Ref.	Part Number	Qty.	Description
23	3231-26	4	Screw-CARR
24	119-4797-03	1	Cover-Middle, RH
25	23-1640	1	Bushing-Taperlock
25:1	3247-4	2	Screw-Set
26	323-4	4	Screw-HH
27	3253-21	4	Washer-Lock
28	93-6697	1	Decal-Lube
29	108-1370	1	Gearbox Replacement Kit
30	3257-5	1	Key-Woodruff
31	32121-34	1	Pin-Roll
32	322-9	4	Screw-HH
33	110-4704	1	PTO Drive Shaft ASM
34	3272-15	1	Pin-Cotter
35	3296-29	4	Nut-Lock, NI
36	112-3306	2	Nut
37	115-1421	1	Plate-Turbo
38	3256-23	2	Washer-Flat
39	3274-104	2	Screw-HSBH
40	1-804254	12	Nut-Lock, HH
41	106-6778	12	Bushing-Latch, Swell
42	106-6777	12	Handle-Latch, Swell



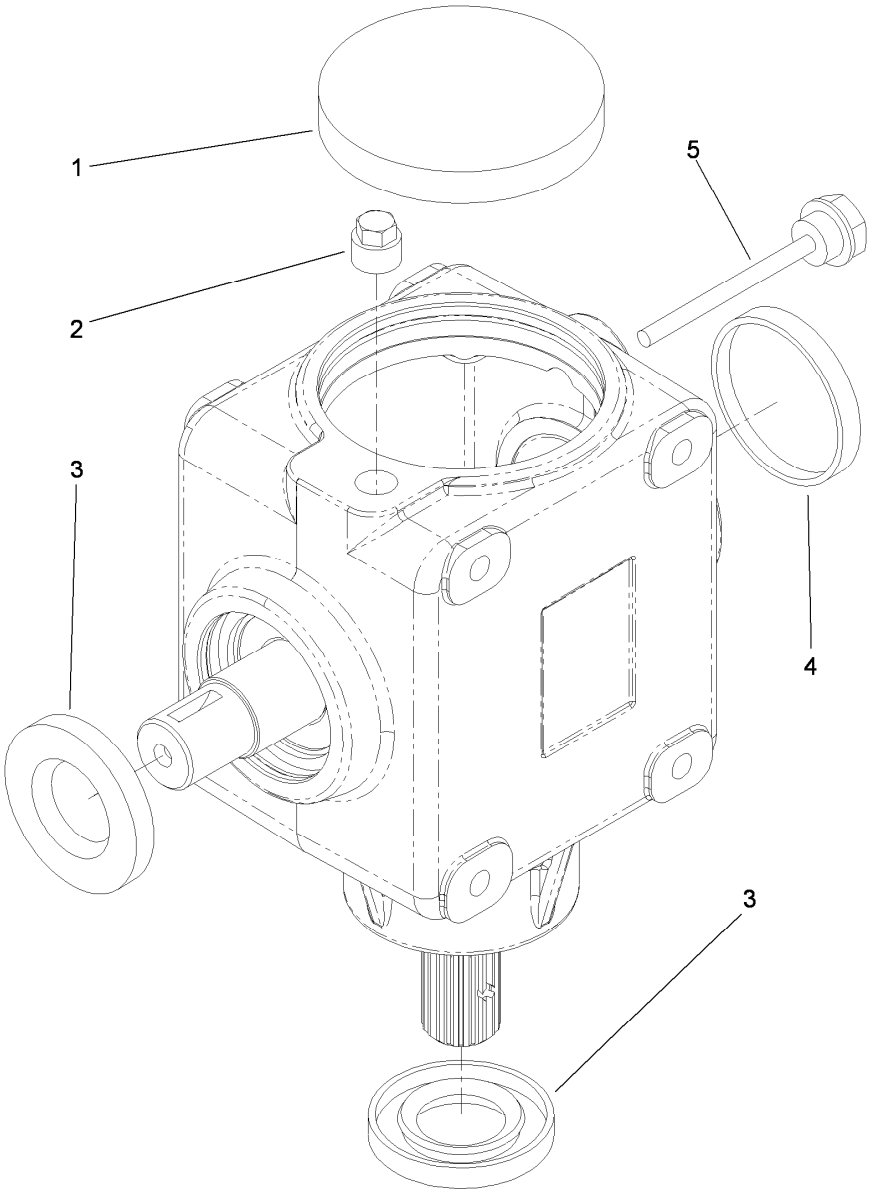
Rubber Deflector Assembly No. 108-2792

Ref.	*Part Number*	*Qty.*	*Description*
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
5	108-4059-01	1	Plate-Hinge, Rear
6	106-3253-01	1	Plate-Hinge, Front
7	104-8301	4	Nut-Flange, NI



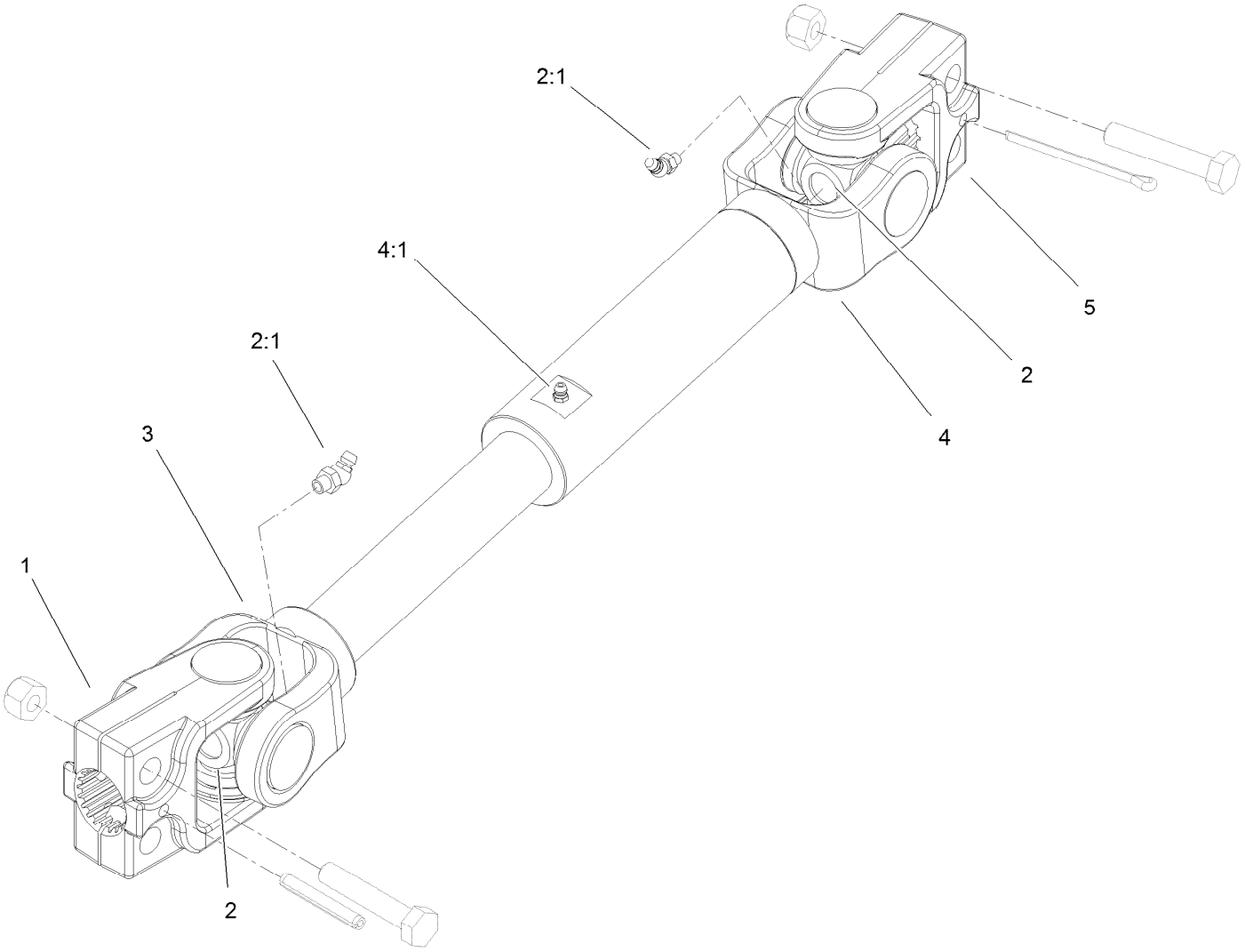
Lever Assembly No. 107-1664

Ref.	*Part Number*	*Qty.*	*Description*
1	106-3239	1	Screw-Lock
2	107-1644	1	Cap-Lock
3	106-3241	1	Lever-Lock
4	3296-29	1	Nut-Lock, NI



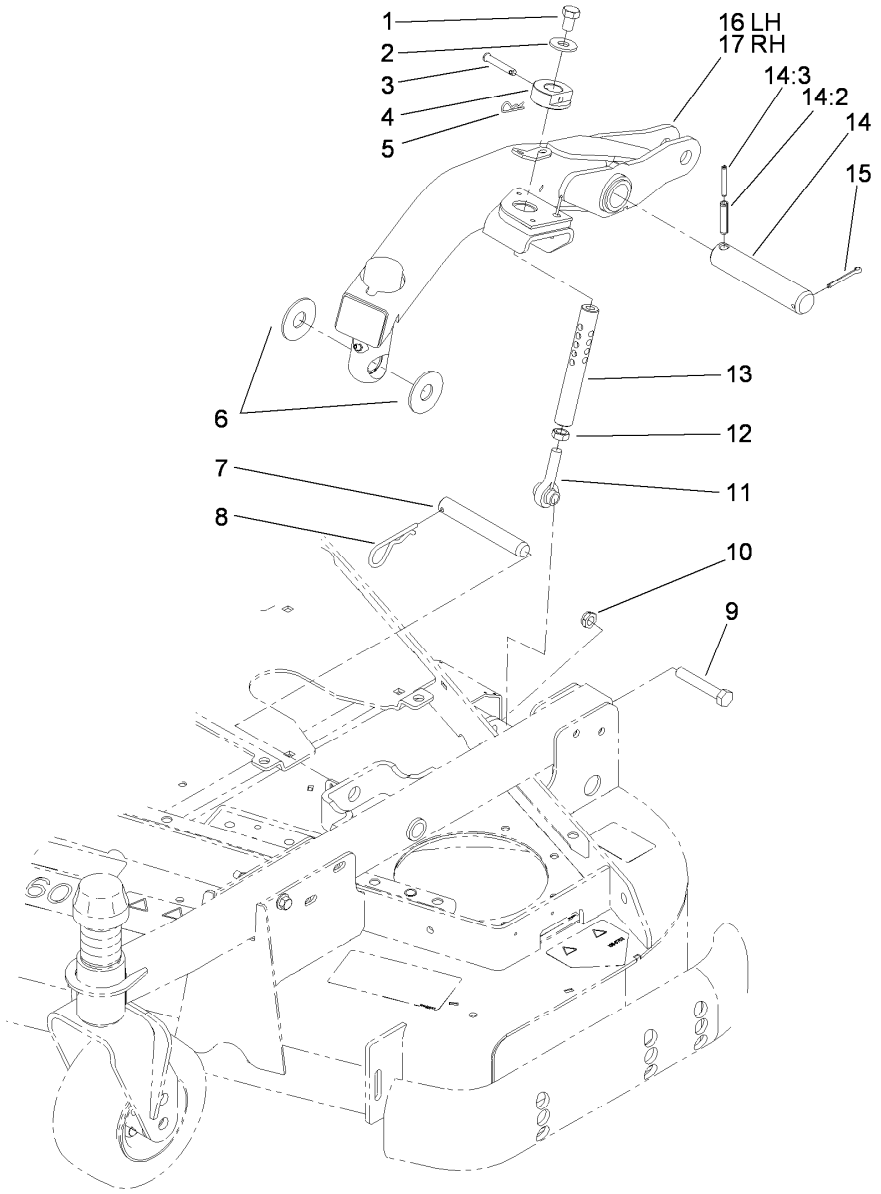
Gear Box Assembly No. 108-1370

Ref.	*Part Number*	*Qty.*	*Description*
1	107-2932	1	Cap-Oil
2	107-2933	1	Plug
3	117-9247	2	Seal
4	107-2935	1	Cap-Oil
5	107-2936	1	Plug-Filler, Dipstick



Drive Shaft Assembly No. 110-4704

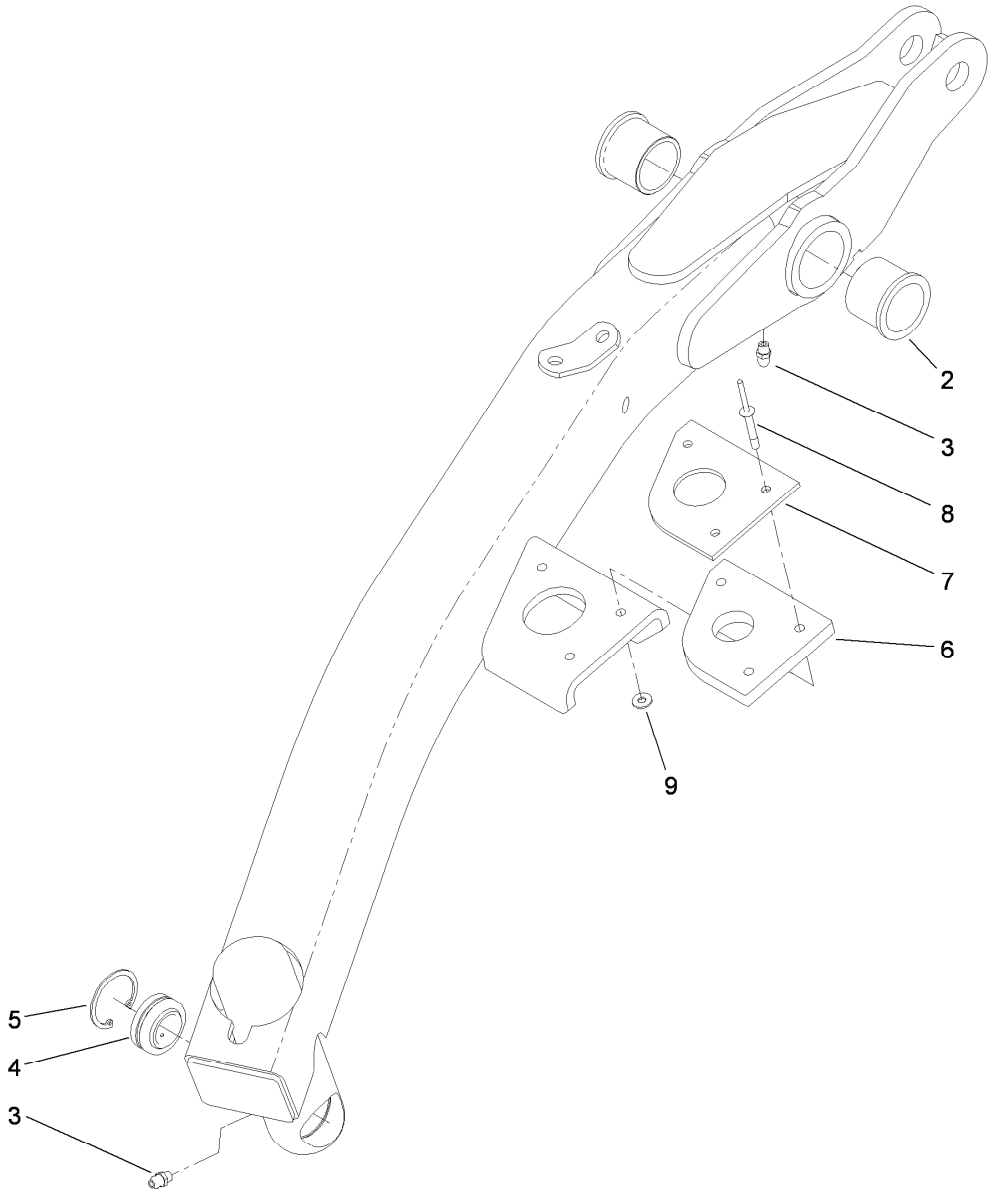
Ref.	*Part Number*	*Qty.*	*Description*
1	54-9040	1	Yoke-End
2	54-9180	2	U-Joint Kit
2:1	62-3820	1	Fitting-Grease
3	110-4705	1	Shaft-Yoke, Slip
4	110-4706	1	Tube-Yoke, Slip
4:1	302-58	1	Fitting-Straight
5	54-9090	1	Yoke-End



Lift Arm and Rear Height-of-Cut Assembly

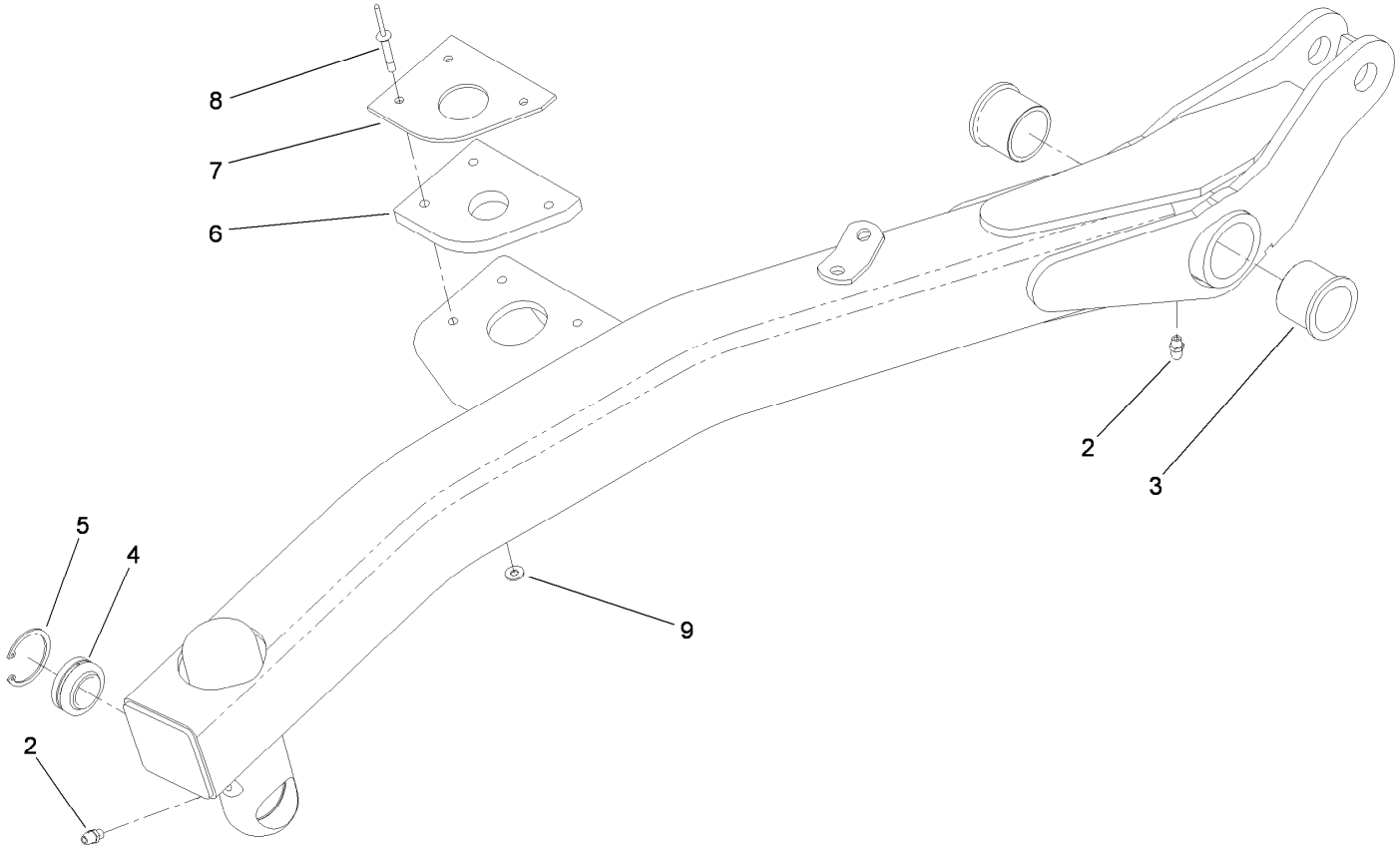
Ref.	Part Number	Qty.	Description
1	3213-20	2	Screw-HH
2	3256-6	2	Washer-Flat
3	107-3457	2	Pin-Clevis
4	110-0641	2	Collar-HOC
5	3290-467	2	Pin-Hair
6	107-7915	4	Washer-Thrust
7	107-7904	2	Pin-Clevis
8	3290-256	2	Pin-Hair
9	325-12	2	Screw-HH
10	3296-45	2	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
11	105-2808	2	End-Rod
12	3220-5	2	Nut-Jam
13	107-7284	2	Tube-HOC
14	98-2330	2	Pivot Pin ASM
14:2	32121-67	1	Pin-Spring
14:3	32121-61	1	Pin-Roll
15	3272-24	2	Pin-Cotter
16	117-0803	1	LH Lift Arm ASM
17	117-0800	1	RH Lift Arm ASM



Left Hand Lift Arm Assembly No. 117-0803

Ref.	*Part Number*	*Qty.*	*Description*
2	256-268	2	Bushing
3	302-5	2	Fitting-Grease
4	105-7441	1	Bearing-Spherical
5	32151-34	1	Ring-Retaining
6	119-2200	1	Pad-Rubber, Rear HOC
7	119-2230	1	Pad-Plastic, Rear HOC
8	110-0606	3	Rivet-Blind
9	3269-26	3	Washer-Plain



Right Hand Lift Arm Assembly No. 117-0800

Ref.	*Part Number*	*Qty.*	*Description*
2	302-5	2	Fitting-Grease
3	256-268	2	Bushing
4	105-7441	1	Bearing-Spherical
5	32151-34	1	Ring-Retaining
6	119-2200	1	Pad-Rubber, Rear HOC
7	119-2230	1	Pad-Plastic, Rear HOC
8	110-0606	3	Rivet-Blind
9	3269-26	3	Washer-Plain

Attachments and Accessories

For 30366 60in Side Discharge Mower Groundsmaster 3320/3280-D Traction Unit

Product Name	Model/Part
High-Speed Blade Tip Kit	108-1960
Leaf Mulching Kit	108-5272
Blade-Rotary, Standard (20.5in)	110-4701
Blade-Rotary, High Flow (20.5in)	110-4702
Blade-Rotary, Atomic (20.5in)	110-4703
Castor Wheel Kit	110-4767
Blade and Belt Kit	110-4770
Skid Replacement Kit	112-9570
Recycler Kit	30348
8in Foam Filled Wheel ASM	93-5974

Notes:

Notes:



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