Form Number 3353-292 Rev A

60in Side Discharge Mower
Groundsmaster® 3320 and 3280-D

Model No. 30366 - 250000001 and up.

Parts Catalog

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 illustrations and in part 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.

© The Toro Company - 2005
All Rights Reserved

Register your product at www.Toro.com

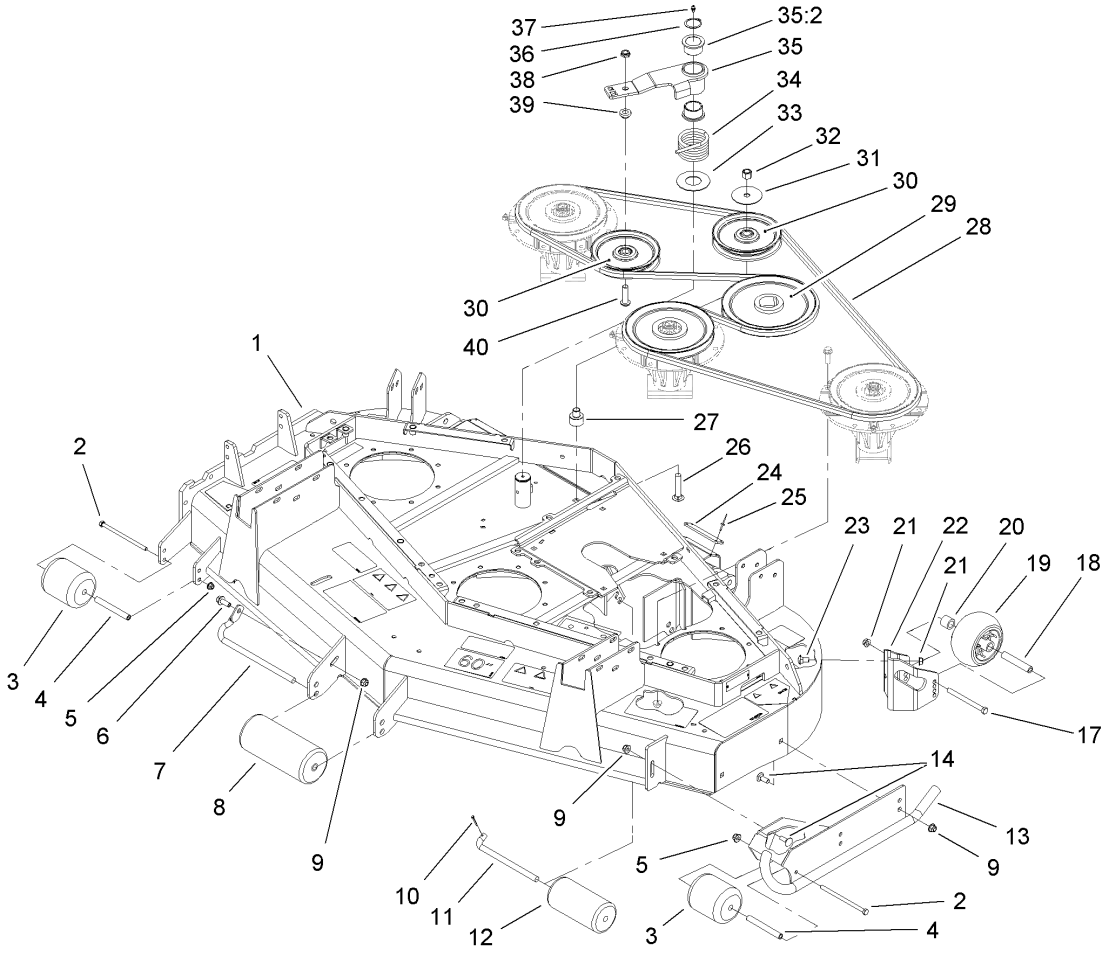
Contents

Description	Page
Deck, Roller, Belt and Pulley Assembly	3
Deck Assembly No. 107-7271	4
Caster Arm Assembly	5
Spindle and Blade Assembly	6
Spindle Assembly No. 108-1957	7
Cover, Gearbox, Drive Shaft and Baffle Assembly	8
Rubber Deflector Assembly No. 108-2792	9
Gearbox Assembly No. 106-4355	10
Drive Shaft Assembly No. 110-4704	11
Lift Arm and Rear Height-of-Cut Assembly	12
LH Lift Arm Assembly No. 108-1948	13
RH Lift Arm Assembly No. 108-1947	14
Attachments and Accessories List	15

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

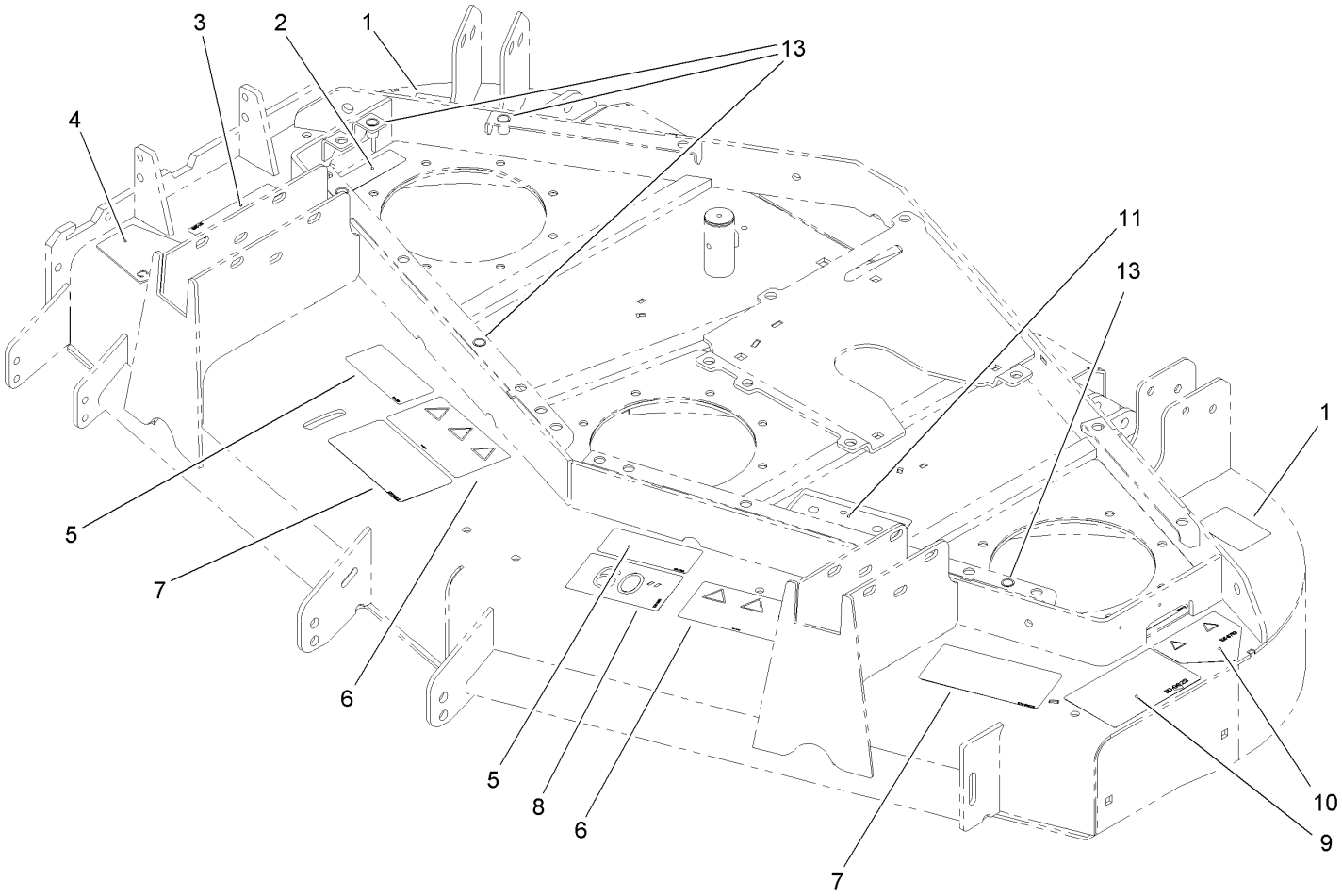
AR	as required
ASM	assembly
BBC	blade brake clutch
CARR	carriage
DEG	degrees
EXT	external
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HHFTF	hex head flange thread forming
HJ	hex jam
HLH	hex lag head
HOC	height-of-cut
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
HYD	hydraulic
INC	incorporated
LH	left hand
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
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



Deck, Roller, Belt and Pulley Assembly

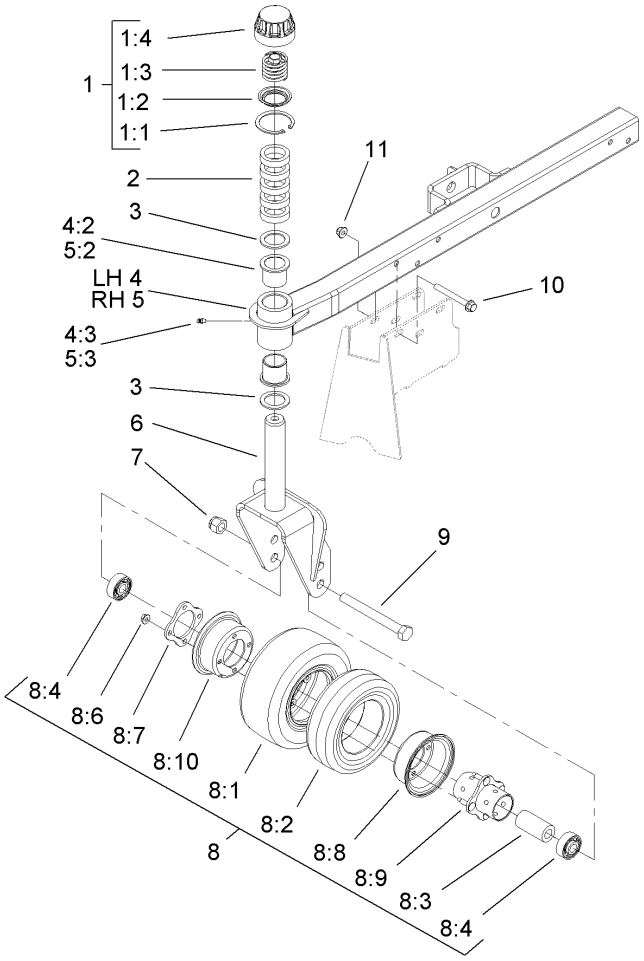
Ref	Part No.	Qty.	Description
1	107-7271	1	Deck ASM
2	322-49	2	Bolt-HH
3	93-4803	2	Roller-Deck
4	105-4549	2	Spacer-Roller
5	104-8300	2	Nut-Flange, NI
6	3234-42	1	Screw-HHF
7	68-6840	1	Shaft-Roller
8	68-6710	1	Roller
9	104-8301	4	Nut-Flange, NI
10	3272-11	2	Pin-Cotter
11	40-0340	2	Shaft-Roller, Rear
12	36-1740	2	Roller-Deck
13	108-4379-01	1	LH Skid ASM
14	3231-22	3	Screw-CARR
17	323-23	1	Screw-HH
18	98-7912	1	Tube-Spanner
19	1-603299	1	Roller-Scalp, Anti
20	98-7913	1	Tube-Spacer
21	3290-357	4	Nut-HHF
22	106-7354-01	1	Plate-Roller, LH
23	3231-1	3	Screw-CARR
24	108-1914	2	Pad-Bumper
25	3269-24	8	Rivet
26	3233-34	1	Screw-CARR

Ref	Part No.	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



Deck Assembly No. 107-7271

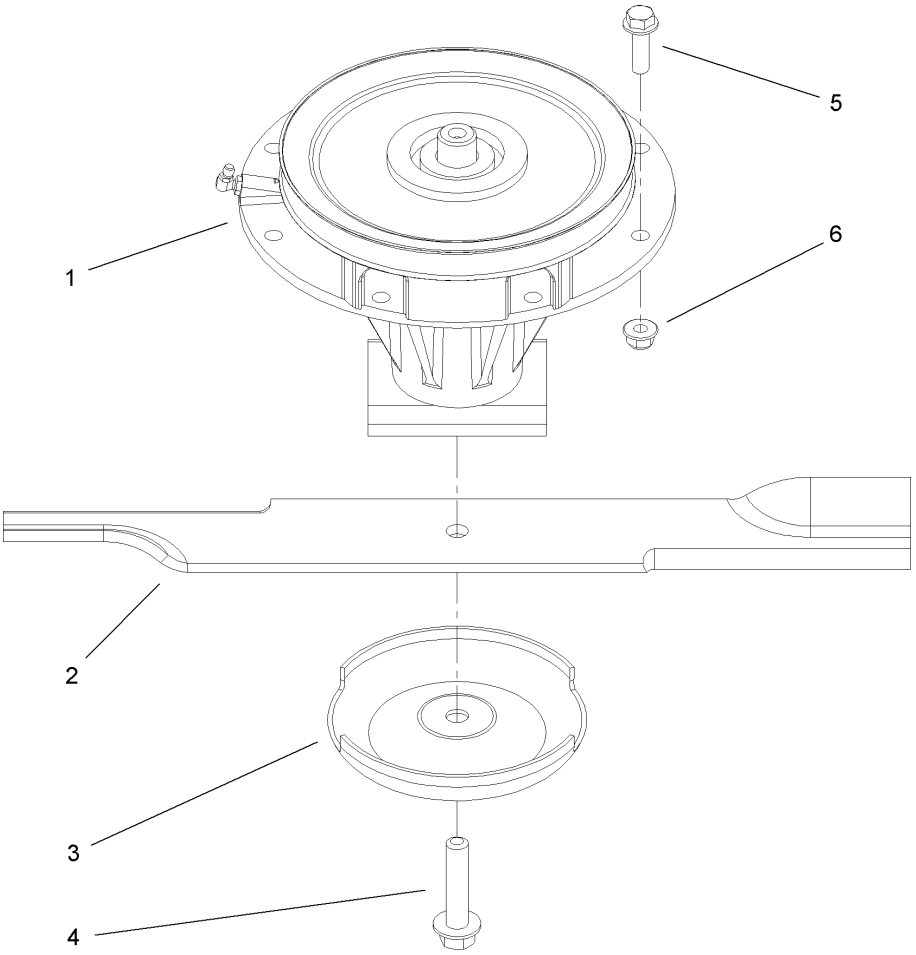
Ref	Part No.	Qty.	Description
1	108-1986	2	Decal-HOC, Rear
2	100-6578	4	Decal-Danger
3	107-2916	1	Decal-Warning
4	107-1622	1	Decal-Adjustment, Baffle
5	93-7818	2	Decal-Torque, Blade Bolt
6	107-2908	2	Decal-Danger, Combination
7	100-5622	2	Decal-HOC
8	108-1990	1	Decal
9	110-0629	1	Decal-Warning
10	106-6753	1	Decal-Danger, Ce
11	108-1988	1	Decal-Routing, Belt
13	32148-9	6	Insert-Nut



Caster Arm Assembly

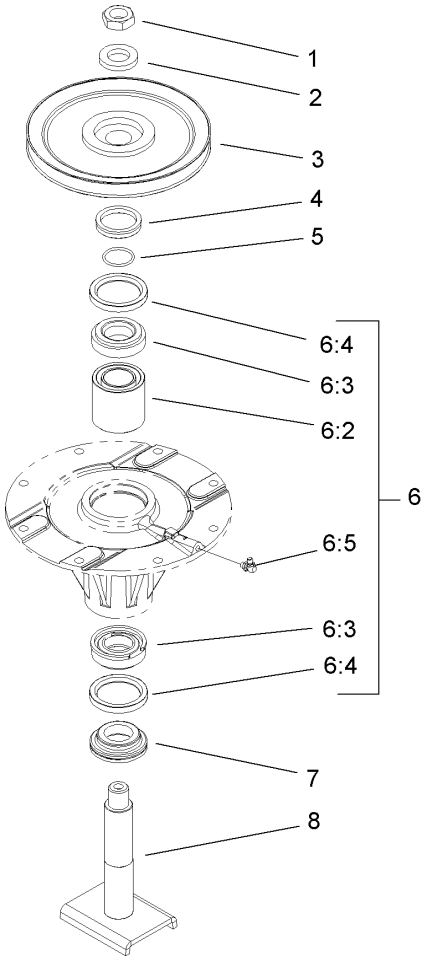
Ref	Part No.	Qty.	Description
1	92-9727	2	HOC Cap ASM
1:1	92-5581	1	Ring-Retaining
1:2	92-5583	1	Washer-Cap
1:3	92-9726	1	Spring-Compression
1:4	92-8861	1	Cap-HOC
2	69-1510	10	Spacer-Caster
3	69-6860	4	Washer-Thrust
4	108-5744	1	LH Caster Arm ASM
4:2	69-6470	2	Bushing-Caster
4:3	302-5	1	Fitting-Grease
5	108-5745	1	RH Caster Arm ASM
5:2	69-6470	2	Bushing-Caster
5:3	302-5	1	Fitting-Grease
6	104-0762-01	2	Caster Fork ASM
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	93-4237	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

Ref	Part No.	Qty.	Description
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



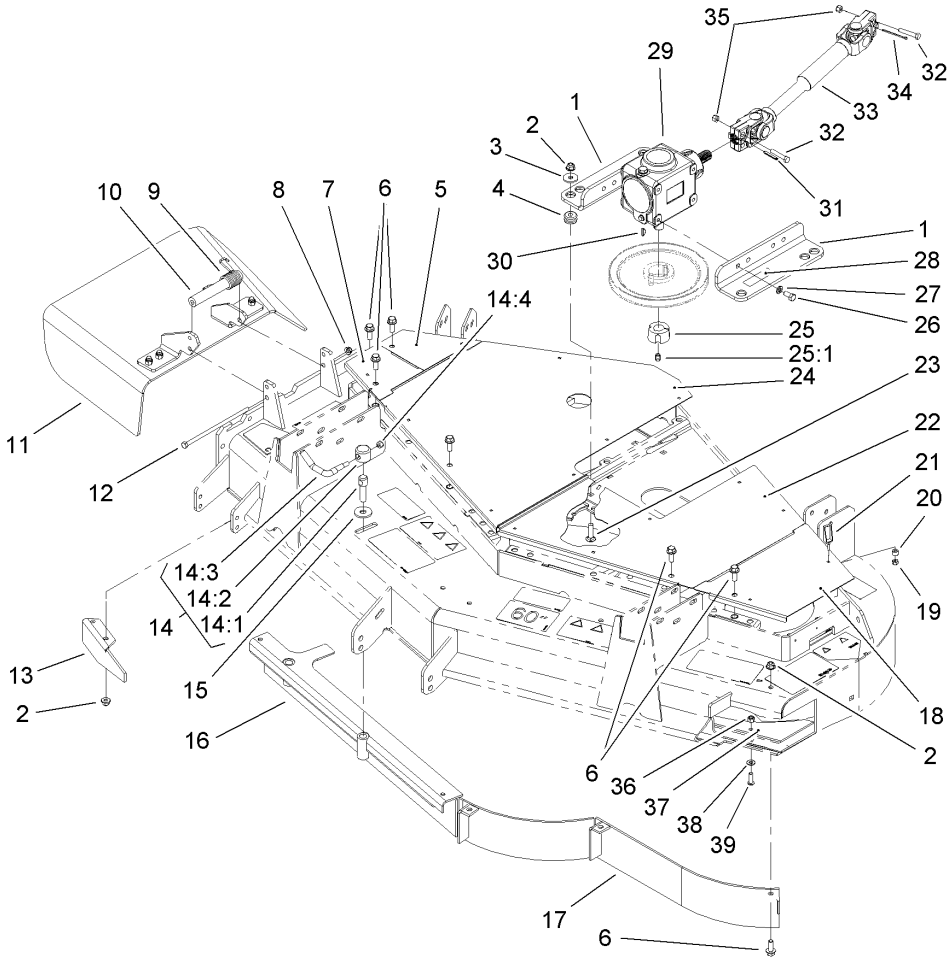
Spindle and Blade Assembly

Ref	Part No.	Qty.	Description
1	108-1957	3	Spindle ASM
2	110-4701	3	Blade-Rotary, 20.5 Med Flow
3	72-9361	3	Cup-Scalp, Anti
4	92-5816	3	Bolt-Blade
5	3234-24	24	Screw-HHF
6	104-8301	24	Nut-Flange, NI



Spindle Assembly No. 108-1957

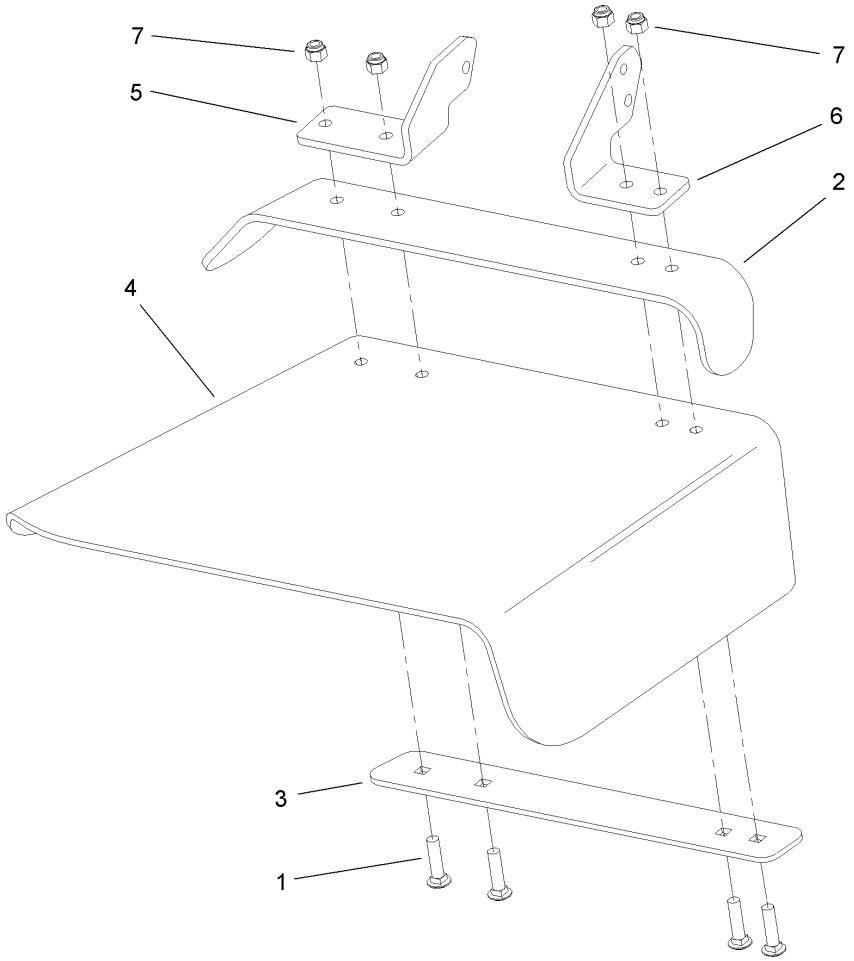
Ref	Part No.	Qty.	Description
1	3296-60	1	Nut-Lock, NI
2	104-8322	1	Washer-Hardened
3	104-3546	1	Pulley-Driven, Low
4	104-3564	1	Seal-V Ring
5	106-7159	1	O-Ring
6	108-1991	1	Spindle Housing ASM
6:2	108-1954	1	Spacer Set-Bearing
6:3	26-1830	1	Bearing ASM
6:4	253-154	2	Seal-Oil
6:5	302-60	1	Fitting-Grease, 90 DEG
7	69-6950	1	Spacer-Shaft, Spindle
8	108-1956	1	Shaft ASM



Cover, Gearbox, Drive Shaft and Baffle Assembly

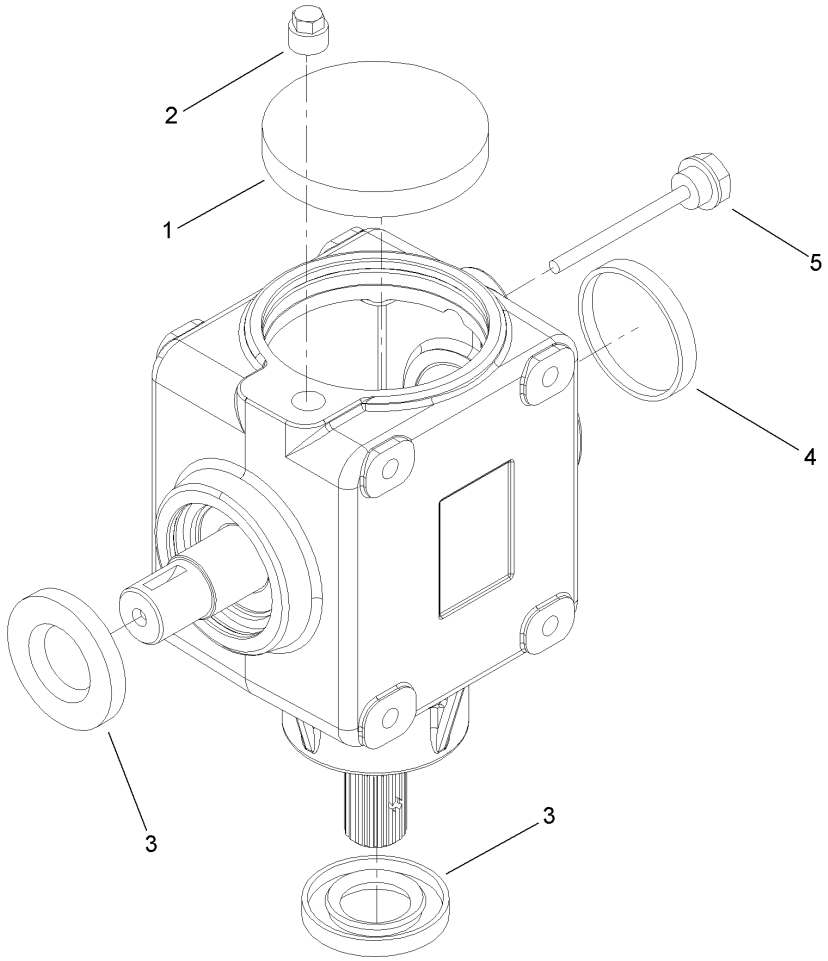
Ref	Part No.	Qty.	Description
1	108-4376-03	2	Bracket-Gearbox
2	104-8301	10	Nut-Flange, NI
3	63-8410	4	Washer
4	63-9750	4	Mount
5	108-6064-03	1	Cover-Outside, Rear (RH)
6	3234-42	12	Screw-HHF
7	108-6065-03	1	Cover-Outside, Front (RH)
8	104-8300	1	Nut-Flange, NI
9	108-4052	1	Spring-Torsion
10	105-4622	1	Spacer
11	108-2792	1	Rubber Deflector ASM
12	322-50	1	Screw-HH
13	106-3216-01	1	Baffle-Discharge
14	106-3242	2	Lever ASM
14:1	106-3239	1	Screw-Lock
14:2	106-3240	1	Cap-Lock
14:3	106-3241	1	Lever-Lock
14:4	3296-29	1	Nut-Lock, NI
15	105-7697	2	Washer-Plastic
16	105-7669-01	1	Baffle ASM
17	105-7657-01	1	Baffle ASM
18	108-6068-03	1	Cover-Outside, LH
19	1-804254	16	Nut
20	106-6778	16	Bushing-Latch, Swell

Ref	Part No.	Qty.	Description
21	106-6777	16	Handle-Latch, Swell
22	108-6067-03	1	Cover-Middle, LH
23	3231-26	4	Screw-CARR
24	108-6066-03	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	106-4355	1	Gearbox ASM
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	3296-29	2	Nut-Lock, NI
37	107-3137	1	Plate-Turbo
38	1-303334	2	Washer-Spring
39	3274-104	2	Screw-HSBH



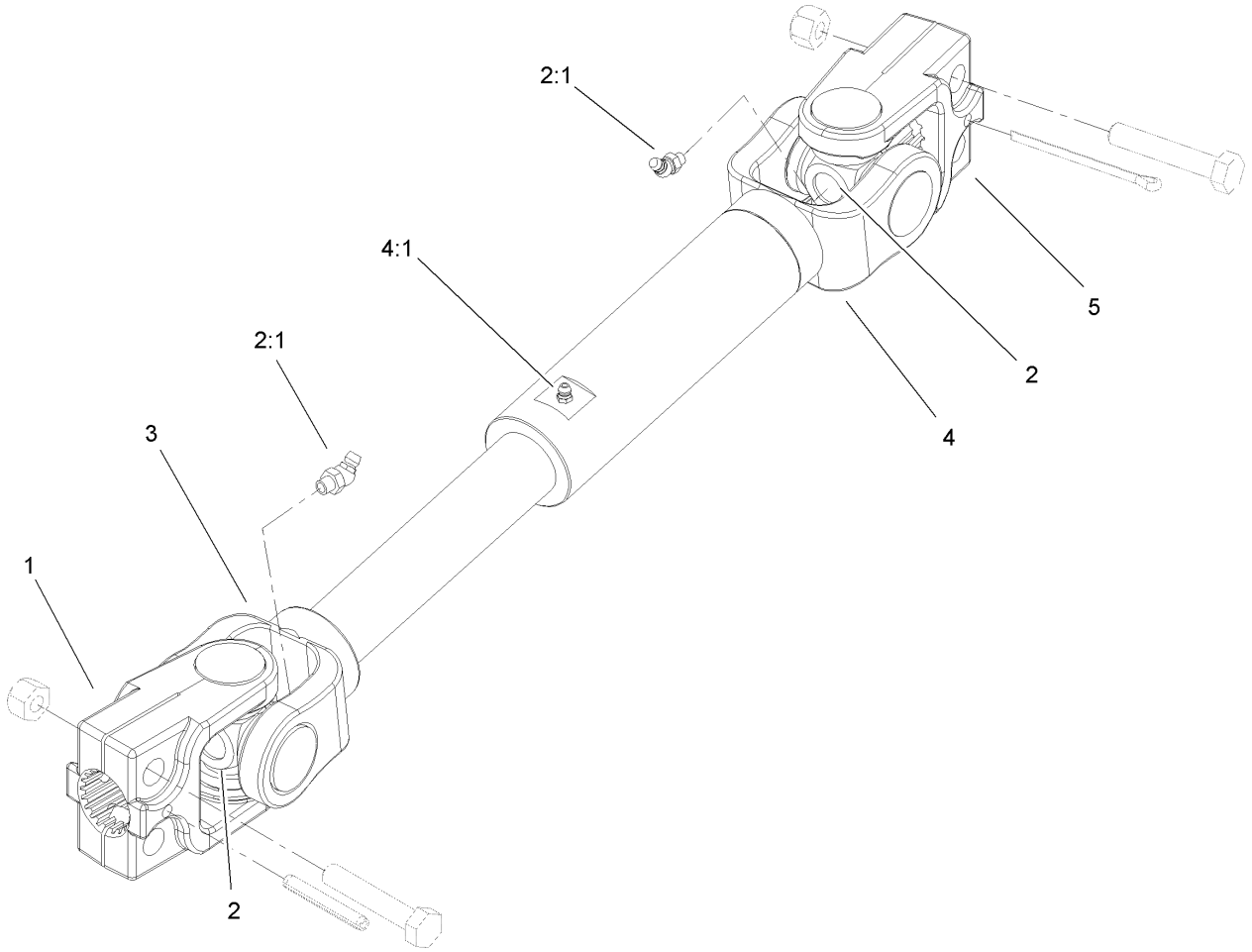
Rubber Deflector Assembly No. 108-2792

Ref	Part No.	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	3296-39	4	Nut-Lock, NI



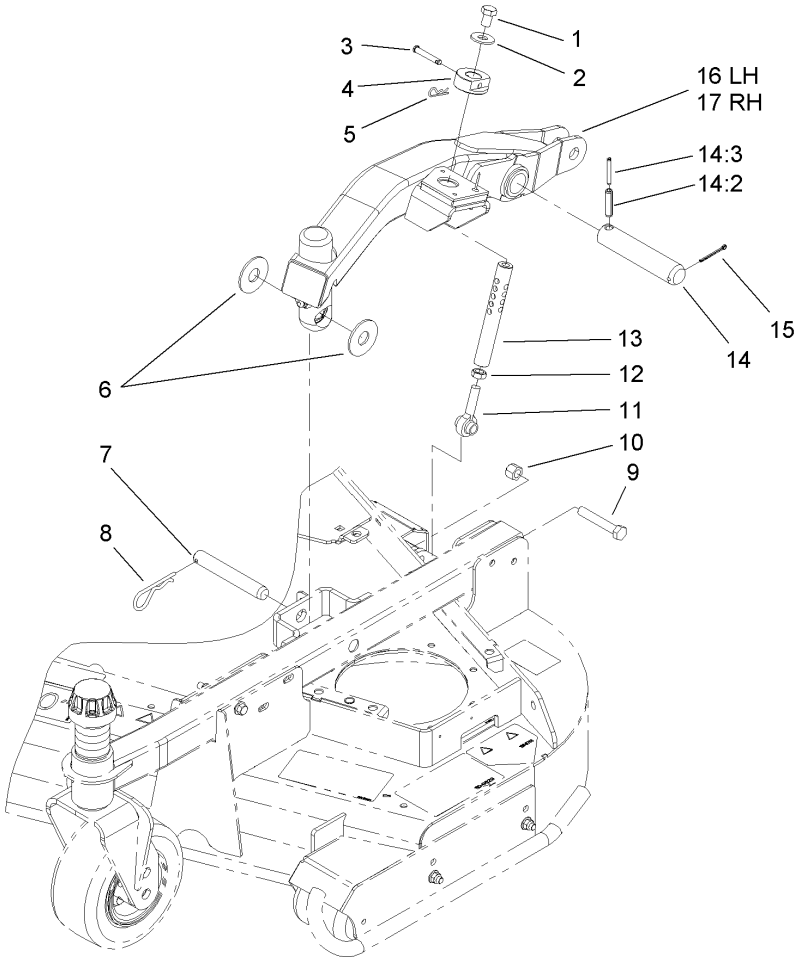
Gearbox Assembly No. 106-4355

Ref	Part No.	Qty.	Description
1	107-2932	1	Cap-Oil
2	107-2933	1	Plug
3	107-2934	2	Seal-Oil
4	107-2935	1	Cap-Oil
5	107-2936	1	Plug-Filler, Dipstick



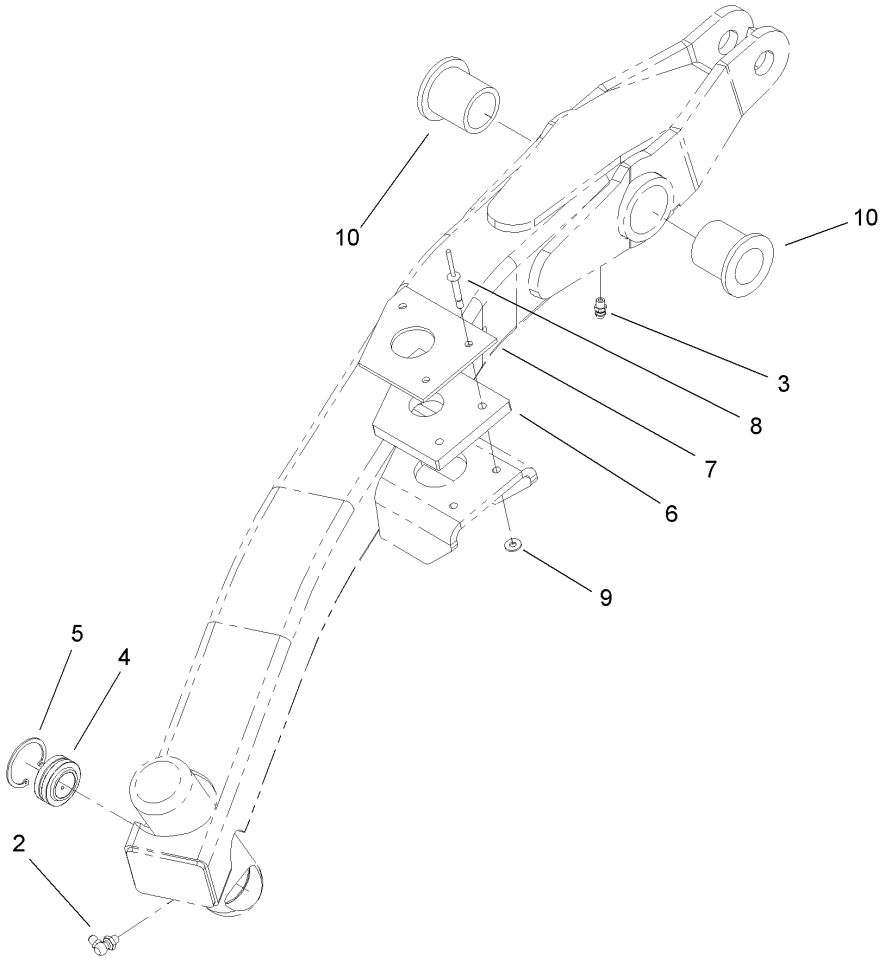
Drive Shaft Assembly No. 110-4704

Ref	Part No.	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-Grease
5	54-9090	1	Yoke-End



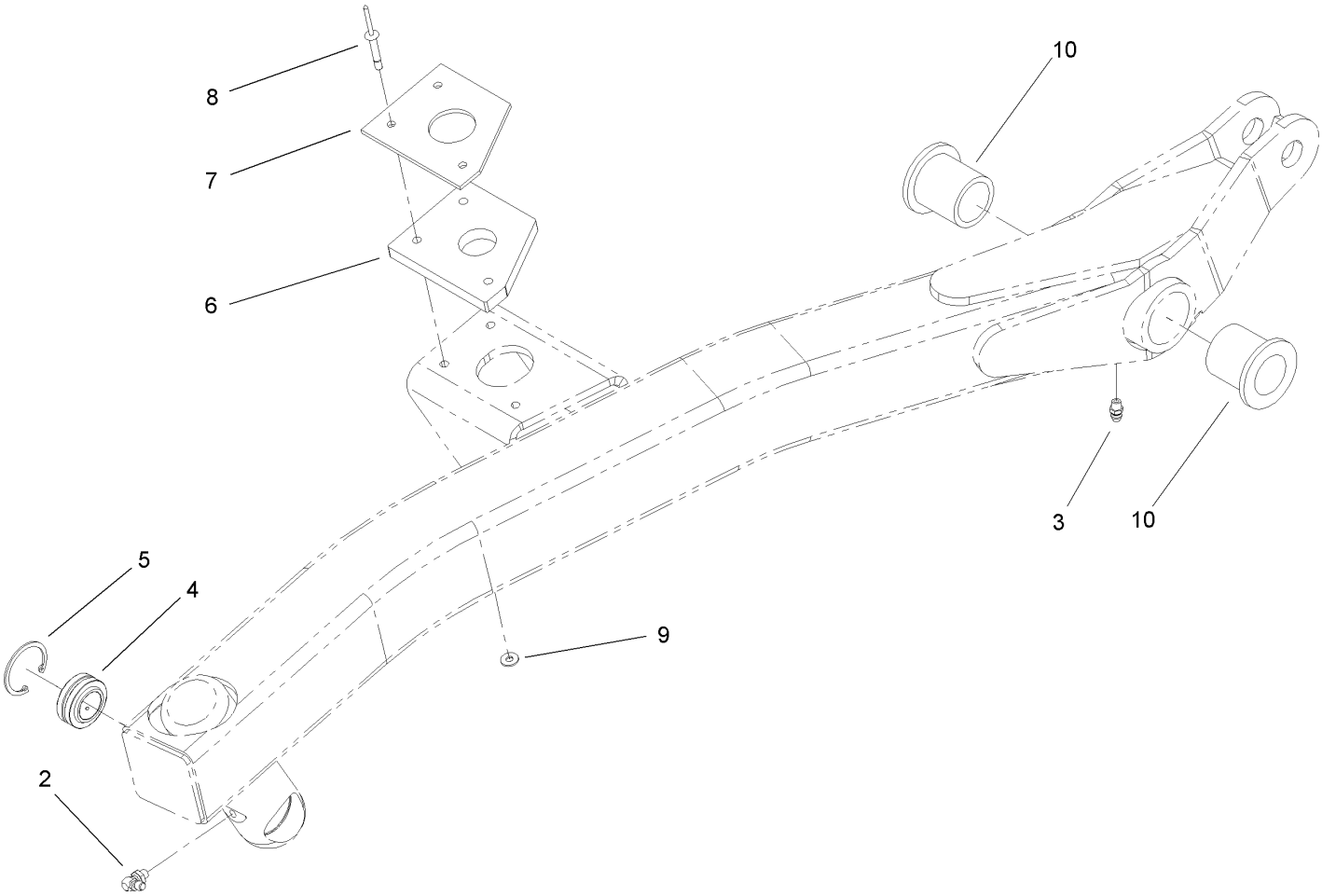
Lift Arm and Rear Height-of-Cut Assembly

Ref	Part No.	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	3296-23	2	Nut-Lock, NI
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-Roll
14:3	32121-61	1	Pin-Roll
15	3272-19	2	Pin-Cotter
16	108-1948	1	LH Lift Arm ASM
17	108-1947	1	RH Lift Arm ASM



LH Lift Arm Assembly No. 108-1948

Ref	Part No.	Qty.	Description
2	302-60	1	Fitting-Grease, 90 DEG
3	302-5	1	Fitting-Grease
4	105-7441	1	Bearing-Spherical
5	32151-34	1	Ring-Retaining
6	108-5298	1	Pad-Rubber, Rear HOC
7	110-0602	1	Pad-Plastic, Rear HOC
8	110-0606	3	Rivet-Blind
9	3269-26	3	Washer-Flat
10	256-268	2	Bushing



RH Lift Arm Assembly No. 108-1947

Ref	Part No.	Qty.	Description
2	302-60	1	Fitting-Grease, 90 DEG
3	302-5	1	Fitting-Grease
4	105-7441	1	Bearing-Spherical
5	32151-34	1	Ring-Retaining
6	108-5298	1	Pad-Rubber, Rear HOC
7	110-0602	1	Pad-Plastic, Rear HOC
8	110-0606	3	Rivet-Blind
9	3269-26	3	Washer-Flat
10	256-268	2	Bushing

Attachments and Accessories

For 30366 - 60in Side Discharge Mower, Groundsmaster 3320 and 3280-D

Product Name	Model/Part
Blade-Rotary, 20.5 Atomic	110-4703
8in Foam Filled Wheel ASM	93-5974


TORO®