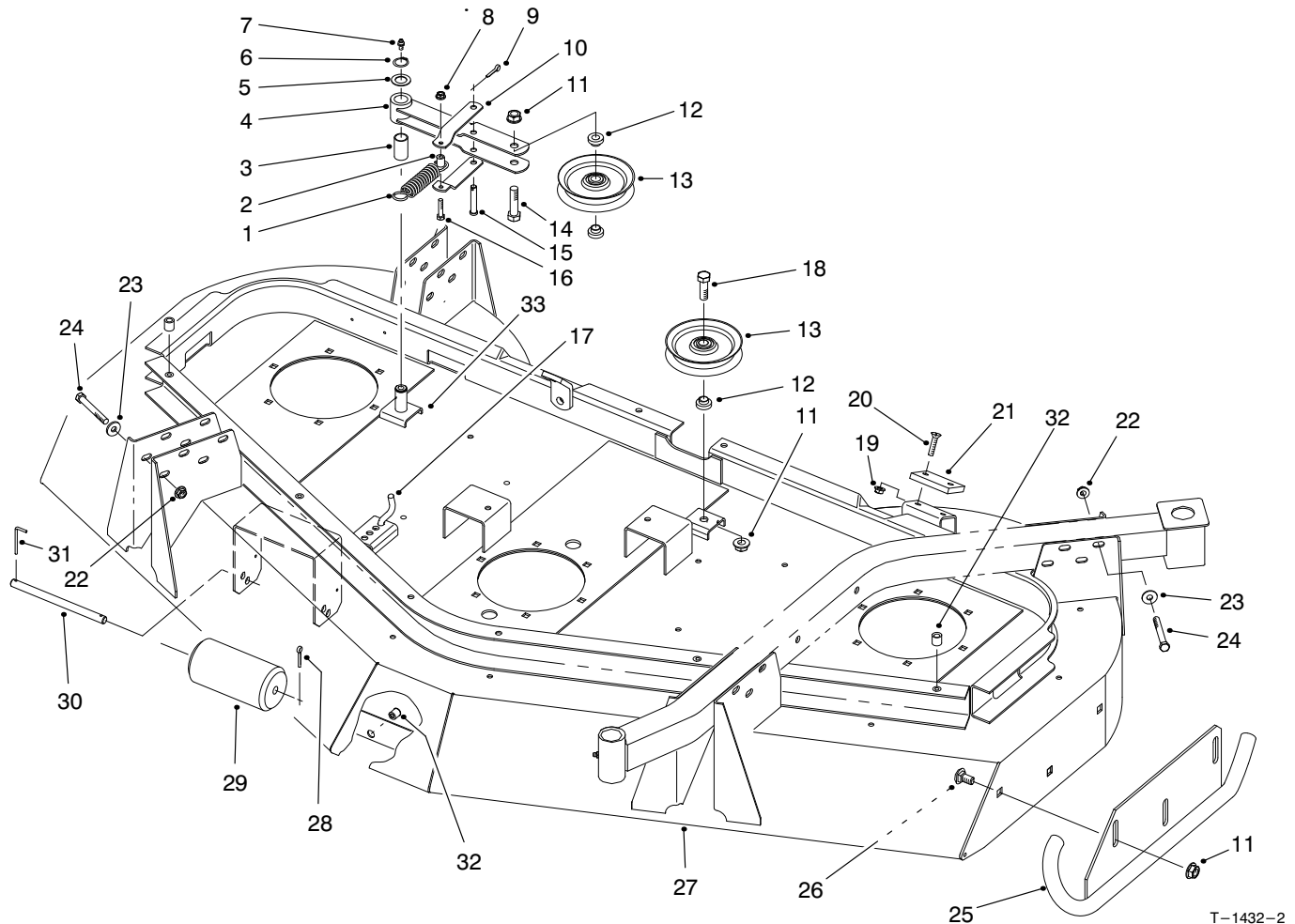


TORO®

MODEL NO. 30716-90001 & UP
MODEL NO. 30716TE-90001 & UP

PARTS CATALOG

GUARDIAN® 72" RECYCLER®

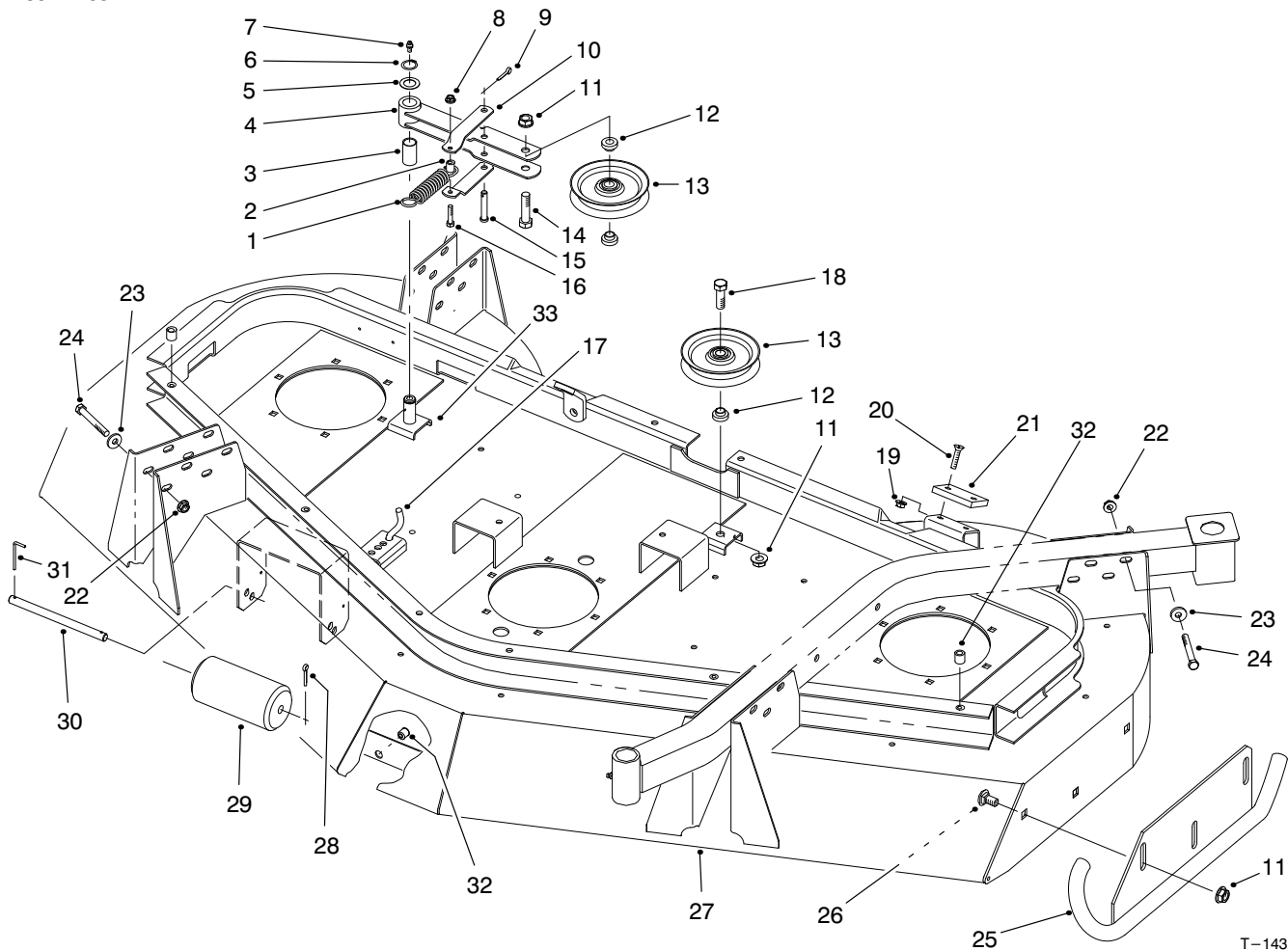


T-1432-2

HOUSING, IDLERS & SKID ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85-6390	Spring	1
2	85-5930	Tube-Spring	1
3	256-188	Bushing	1
4	85-5900	Arm-Idler (Incl. Ref. #3)	1
5	3-6498	Washer	1
6	32120-72	Ring-Retaining	1
7	302-2	Fitting-Grease	1
8	32128-32	Nut-Flange Head	1
9	3290-467	Pin-Cotter	1
10	85-5920	Bracket-Idler Arm	2
11	32128-49	Nut-Flange Head	8
12	69-6960	Spacer-Idler	3
13	63-1540	Pulley-Idler	2
14	325-8	Screw-HH	1
15	283-82	Pin-Clevis	1

Ref. No.	Part No.	Description	No. Used
16	321-8	Screw-HH	1
17	85-5940	Rod-Spring	1
18	325-6	Screw-HH	1
19	32128-25	Nut-Flange Head	2
20	32108-103	Screw-Flat Head	2
21	69-9290	Pad-Bumper	1
22	32128-19	Nut-Flange Head	16
23	5-0838	Washer	16
24	323-14	Screw-HH	16
25	85-5980	Skid-LH	1
*	85-5950	Skid-RH	1
26	3233-9	Bolt-Carriage Head	6
27	93-9340	Asm-Housing (Incl. Ref. #32, #1-3 & 9, on page 4)	1
28	3272-11	Pin-Cotter	3

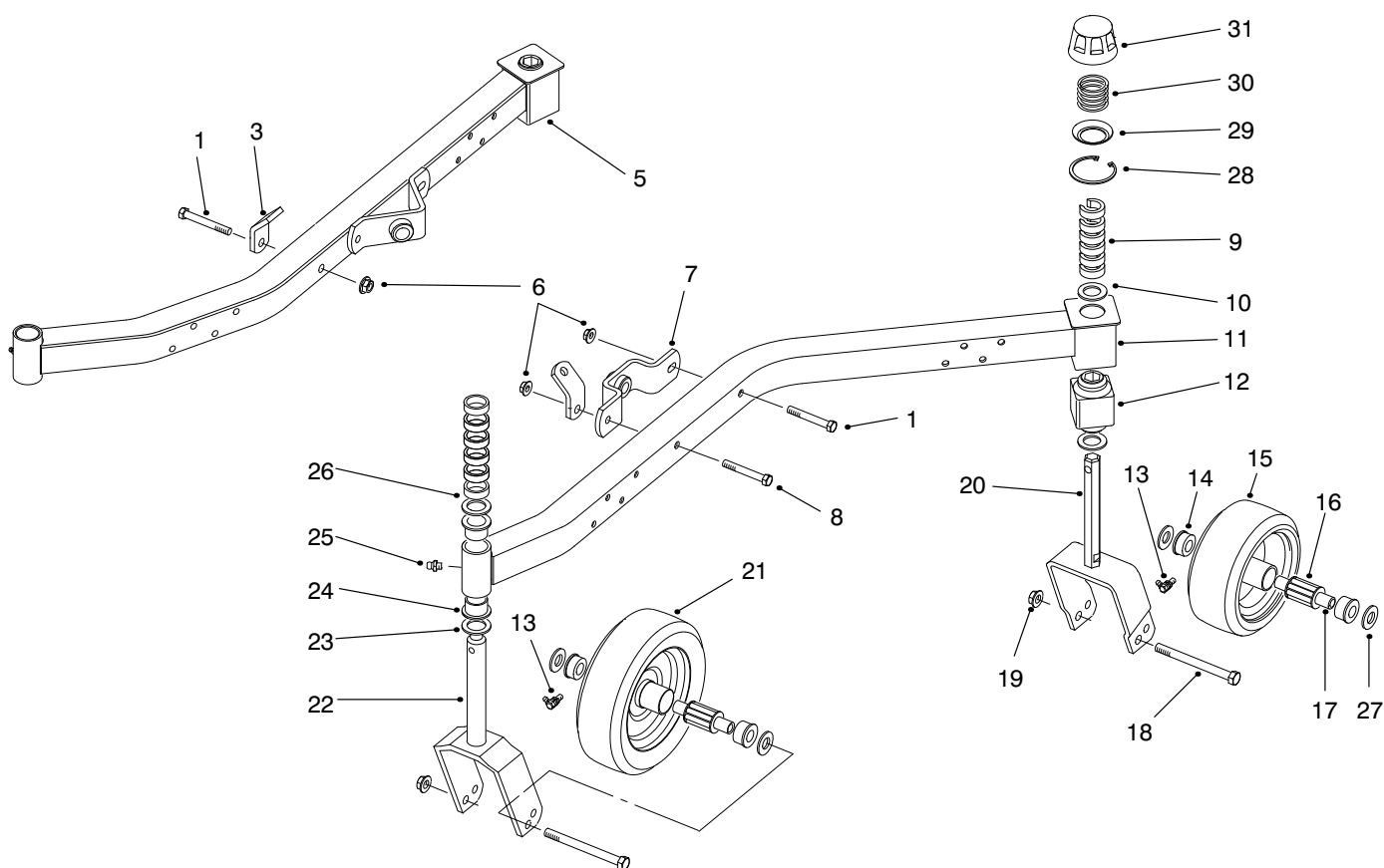


T-1432-2

HOUSING, IDLERS, & SKID ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
29	36-1740	Roller	3
30	40-6400	Shaft-Roller	3
31	57-0690	Pin-Special	3

Ref. No.	Part No.	Description	No. Used
32	32148-7	Nut-Insert	12
33	93-9324	Pivot-Idler	1

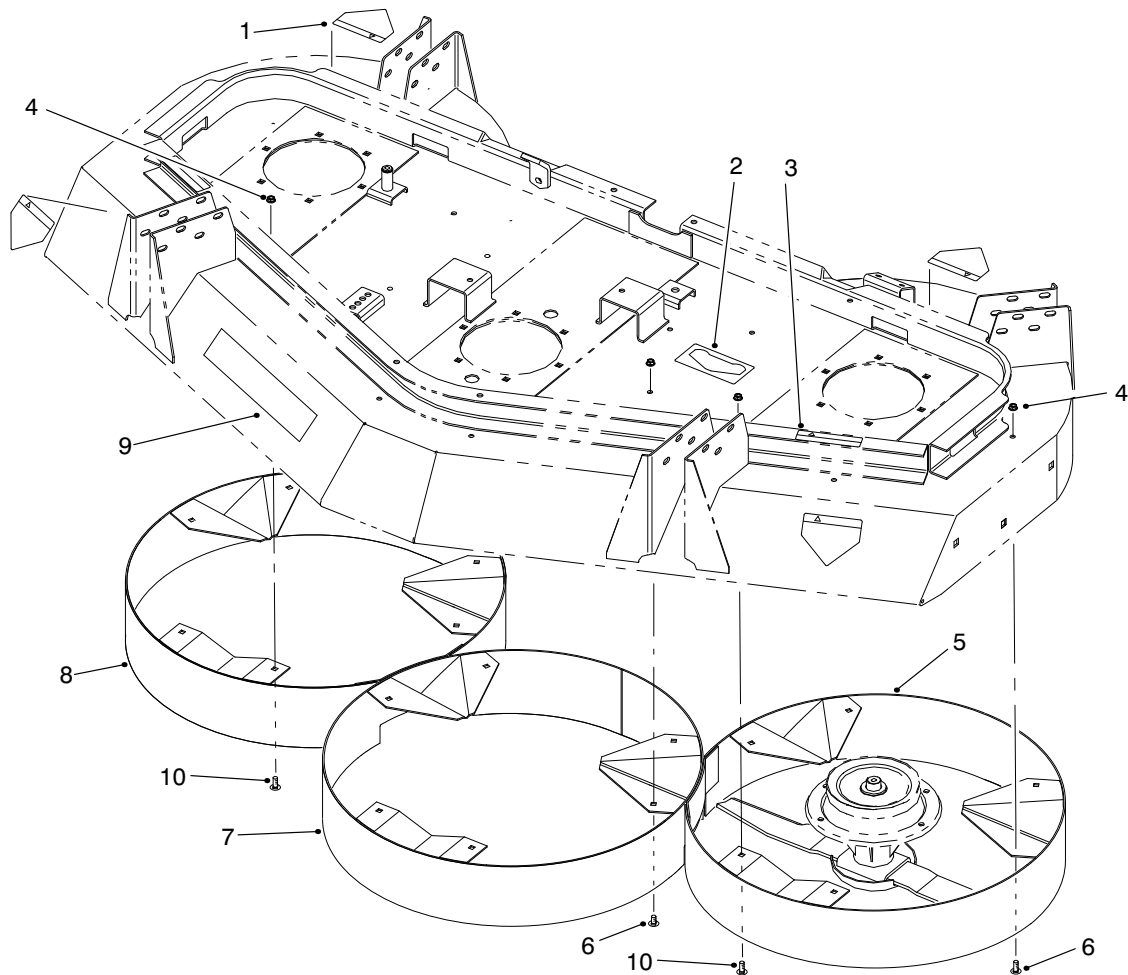


T-1433-2

CASTOR WHEELS & ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	324-12	Screw-HH	2	22	94-5381	Fork-Castor, Front	2
3	85-5830	Bracket-Chain	2	23	3-6781	Washer	4
5	94-5430	Asm-Castor Arm, RH (Incl. Ref. #12, 24 & 25)	1	24	94-1291	Bushing-Special	4
6	32128-42	Nut-Flange Head	3	25	302-5	Fitting-Grease	2
7	85-5810	Mount-Ball Joint, LH	1	26	63-0070	Spacer-.50"	12
8	324-13	Screw-HH	1	*	27-1040	Spacer-.25"	24
9	92-8866	Spacer-.50"	12	27	3256-6	Washer-Flat	8
10	92-1765	Washer	4	28	92-5581	Ring-Retaining, Internal	4
11	94-5429	Asm-Castor Arm, LH (Incl. Ref. #12, 24 & 25)	1	29	92-5583	Washer-Cap	4
12	93-8471	Bushing-Rubber	2	30	92-5584	Spring-Compression	4
13	302-40	Fitting-Grease	4	31	92-8861	Cap-Height-of-Cut	4
14	62-5580	Bearing	8	*	12-1509	Asm-Pneumatic Wheel/Tire (Optional)	2
15	85-5760	Asm-Wheel 8" (Incl. Ref. #13-14 & 16)	2	*	95-3082	Asm-Front Castor Wheel (Incl. Ref. #17-19, 21 & 27)	1
16	83-4740	Bearing-Roller	4	*	95-3083	Asm-Rear Castor Wheel (Incl. Ref. #15, 17-19 & 27)	1
17	62-4340	Spanner	4	*	95-3085	Castor Wheel Set (4 Wheels) (Incl. Ref. #15, 17-19, 21 & 27)	1
18	325-22	Screw-HH	4				
19	32128-23	Nut-Flange Head	4				
20	94-5383	Fork-Castor, Rear	2				
21	92-1655	Asm-Wheel 10" (Incl. Ref. #13-14 & 16)	2				

*Not Illustrated

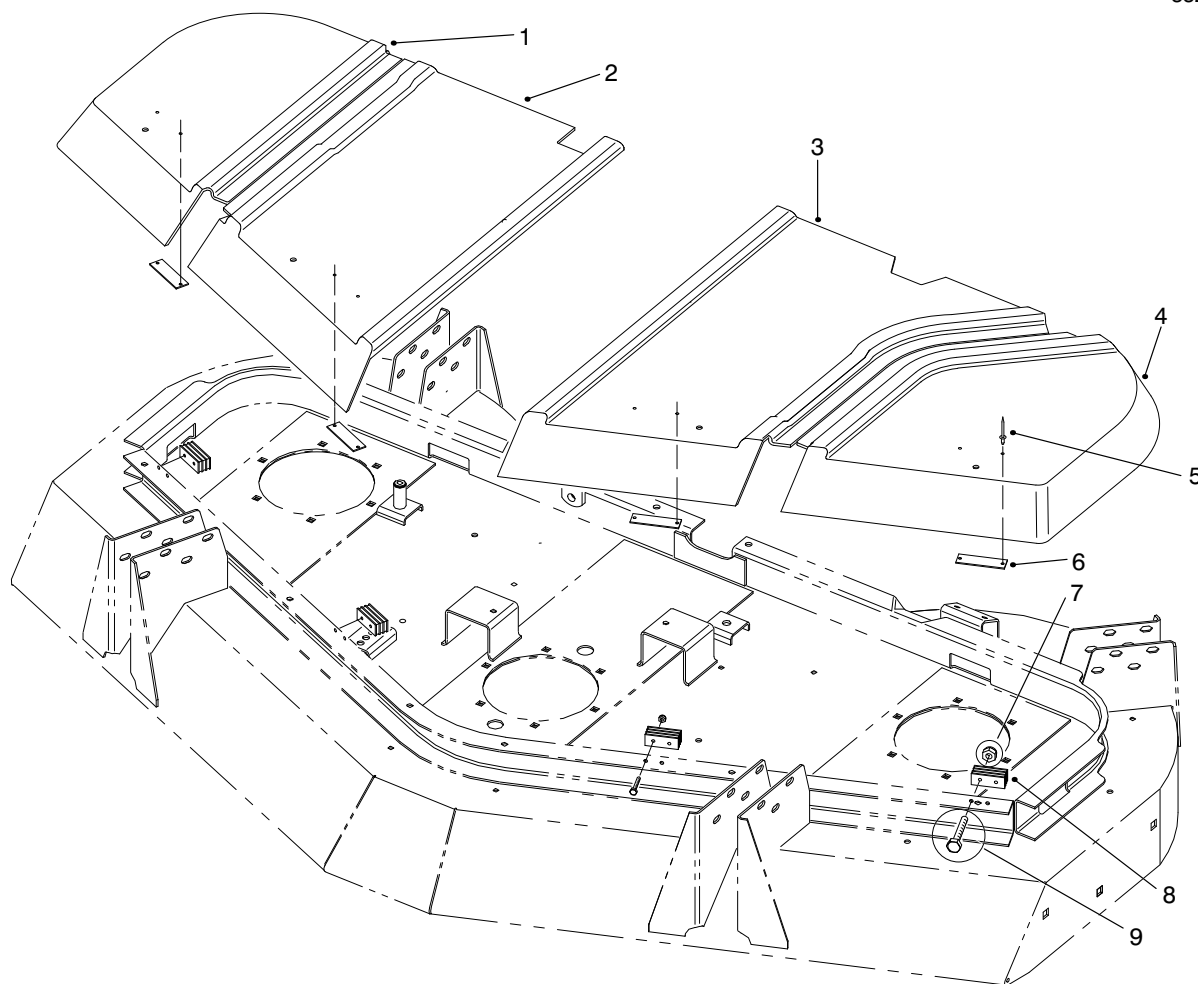


T-1434A

CHAMBERS, KICKERS & DECALS

Ref. No.	Part No.	Description	No. Used
1	43-8480	Decal-Danger	4
2	85-6120	Decal-Belt Routing	1
3	85-6410	Decal-Danger	4
4	32128-25	Nut-Flange Head	18
5	85-6460	Chamber-LH	1

Ref. No.	Part No.	Description	No. Used
6	3230-18	Bolt-Carriage Head	16
7	85-6480	Chamber-Center	1
8	85-6470	Chamber-RH	1
9	85-6430	Decal-Guardian	1
10	3230-23	Bolt-Carriage Head	2

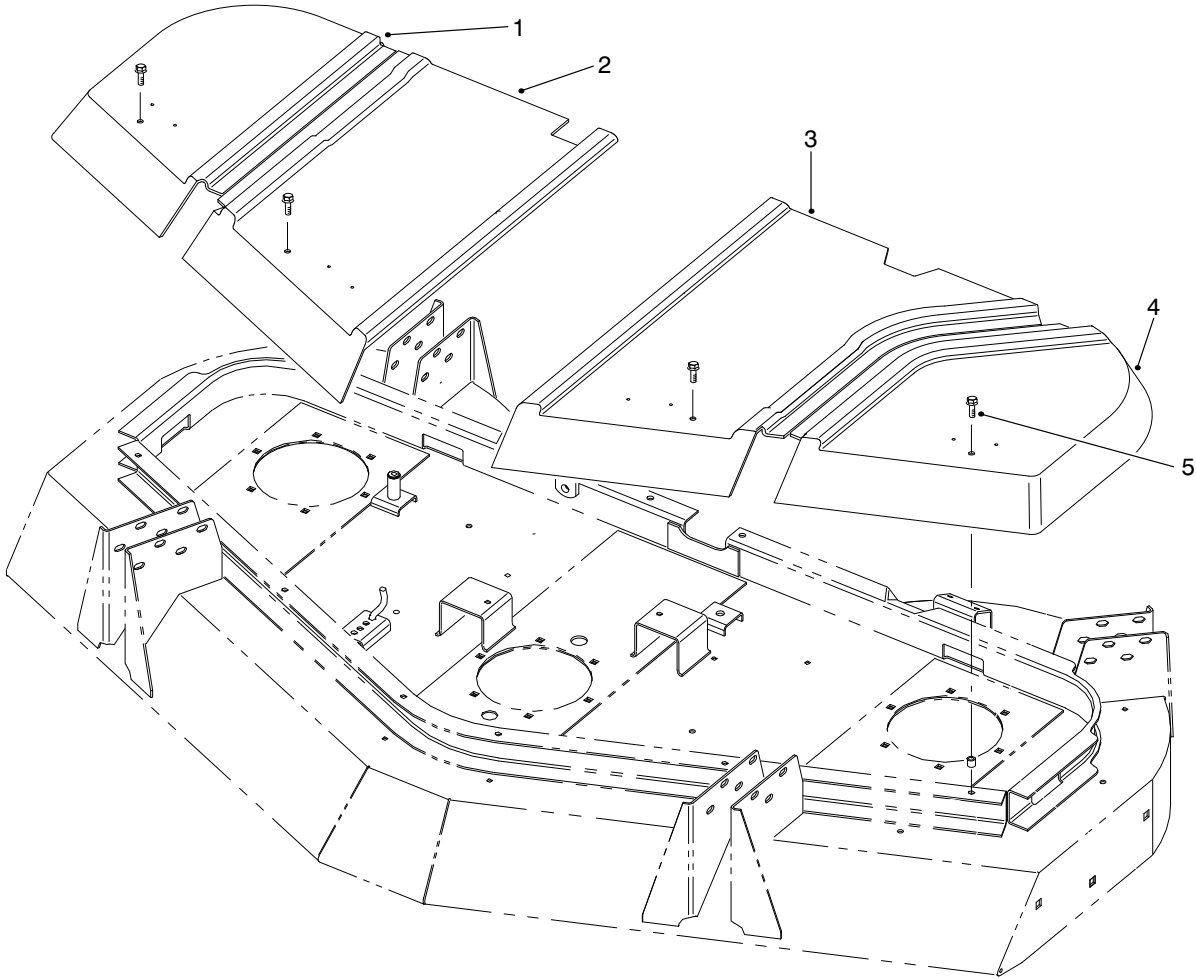


T-1435

COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85-6080	Cover-RH	1
2	85-6070	Cover-RH Center	1
3	85-6060	Cover-LH Center	1
4	85-6050	Cover-LH	1
5	3269-25	Rivet-Pop	8

Ref. No.	Part No.	Description	No. Used
6	69-6870	Plate-Magnet	4
7	3296-2	Nut-Lock	8
8	69-6260	Magnet	4
9	32105-1	Screw-HH	8

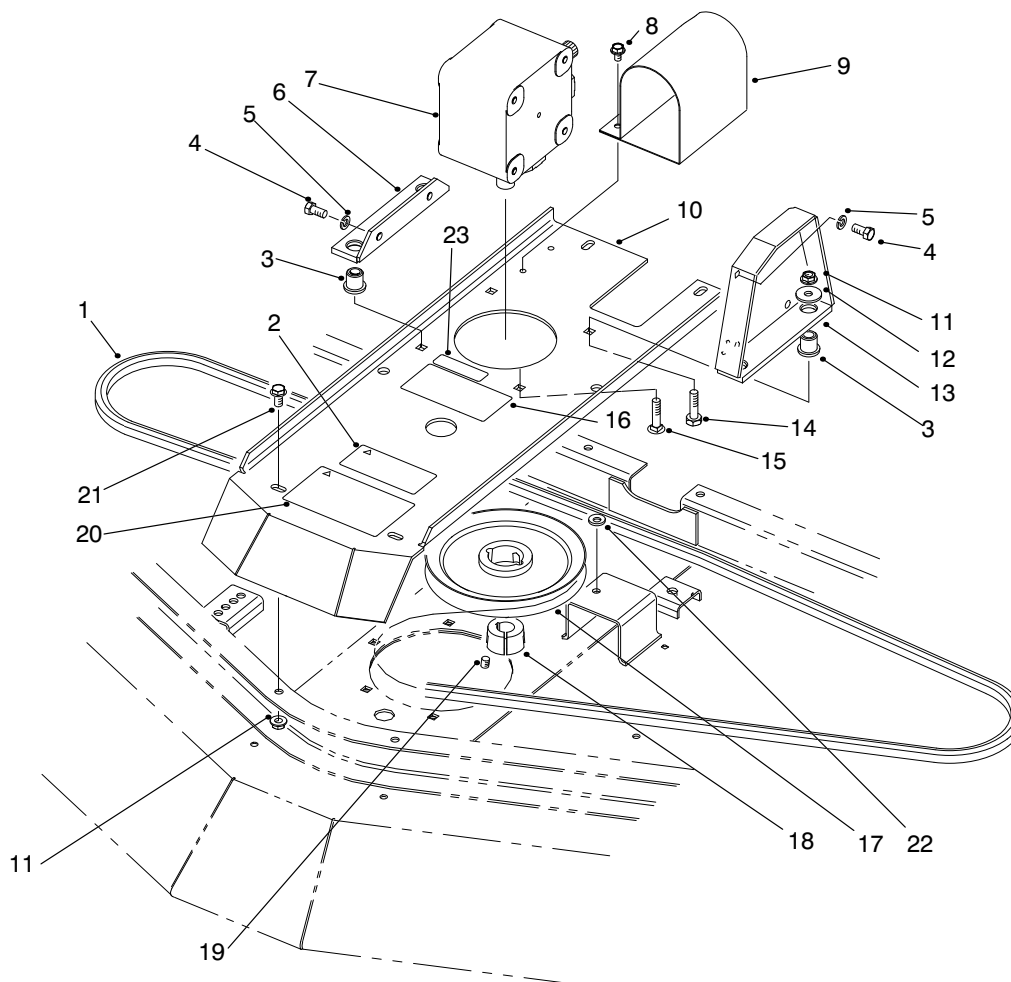


T-2644-1

COVER ASSEMBLY (EUROPE)

Ref. No.	Part No.	Description	No. Used
1	85-6080	Cover-RH	1
2	85-6070	Cover-RH Center	1
3	85-6060	Cover-LH Center	1

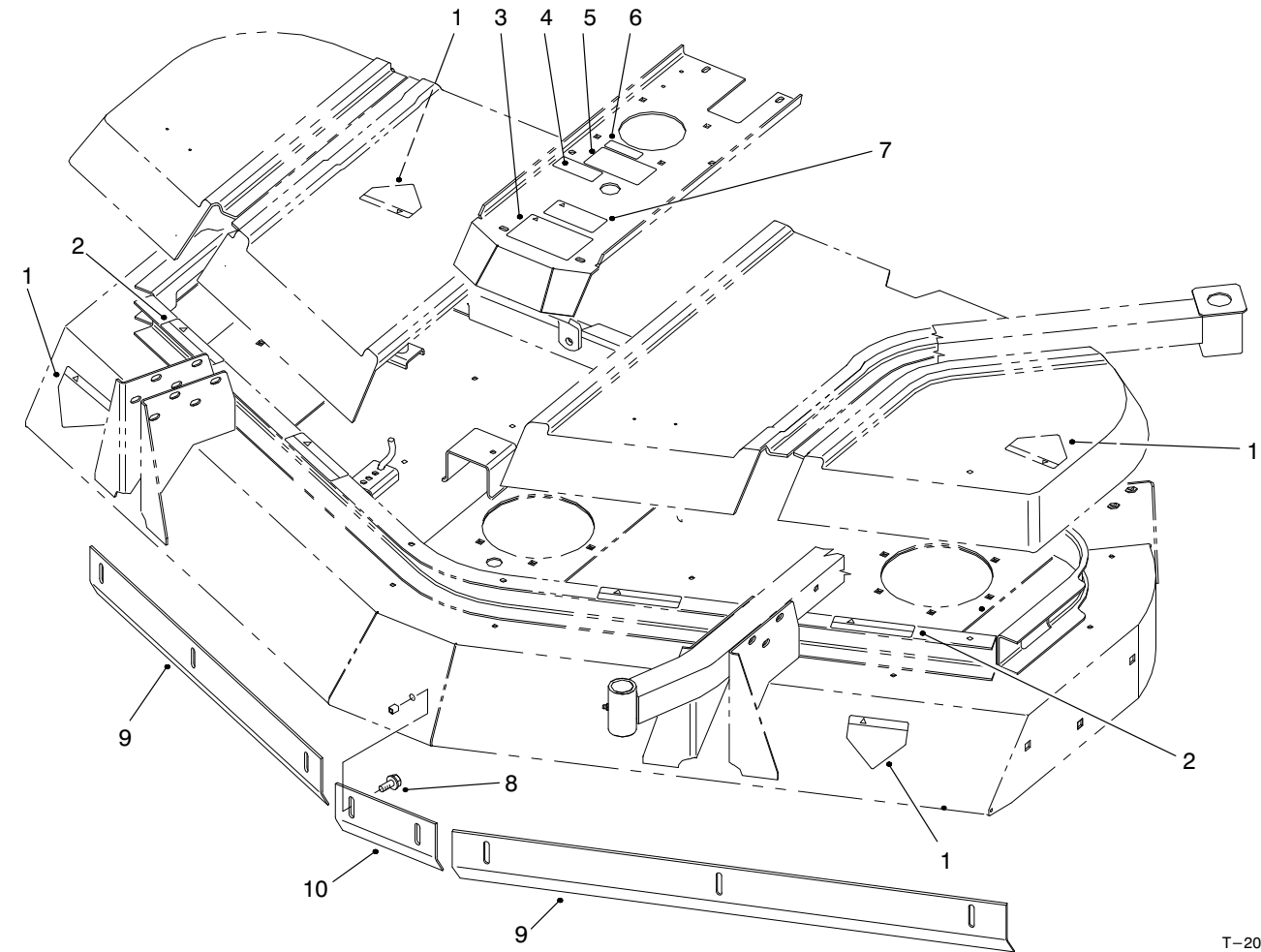
Ref. No.	Part No.	Description	No. Used
4	85-6050	Cover-LH	1
5	3234-5	Screw-Flange Head	4



T-1436A

GEAR BOX & MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-8457	Belt-Drive	1	14	3234-18	Screw-Flange Head	1
2	68-8340	Decal-Torque	1	15	3231-26	Bolt-Carriage Head	3
3	63-9750	Mount	4	16	92-4089	Decal-Height-Of-Cut	1
4	323-4	Screw-HH	5	17	85-5860	Pulley	1
5	3253-21	Washer-Lock	5	18	23-1640	Bushing-Taperlock (Incl. Ref. #19)	1
6	68-8560	Bracket-RH, Gear Box	1	19	3247-4	Screw-Set	2
7	68-6810	Asm-Gear Box	1	20	92-7847	Decal-Warning	1
8	32104-82	Screw-Flange Head	2	21	3234-11	Screw-Flange Head	6
9	93-9839	Shroud-Universal	1	22	3256-24	Washer-Flat	A/R
10	94-9162	Plate-Mount, Gear Box (Incl. Ref. #2,16 & 20)	1	23	70-2560	Decal-Lube	1
11	32128-21	Nut-Flange Head	10	*	95-3088	Kit-Blade & Belt (Incl. Ref. #1)	1
12	63-8410	Washer	4				
13	85-6330	Bracket-Gear Box	1				

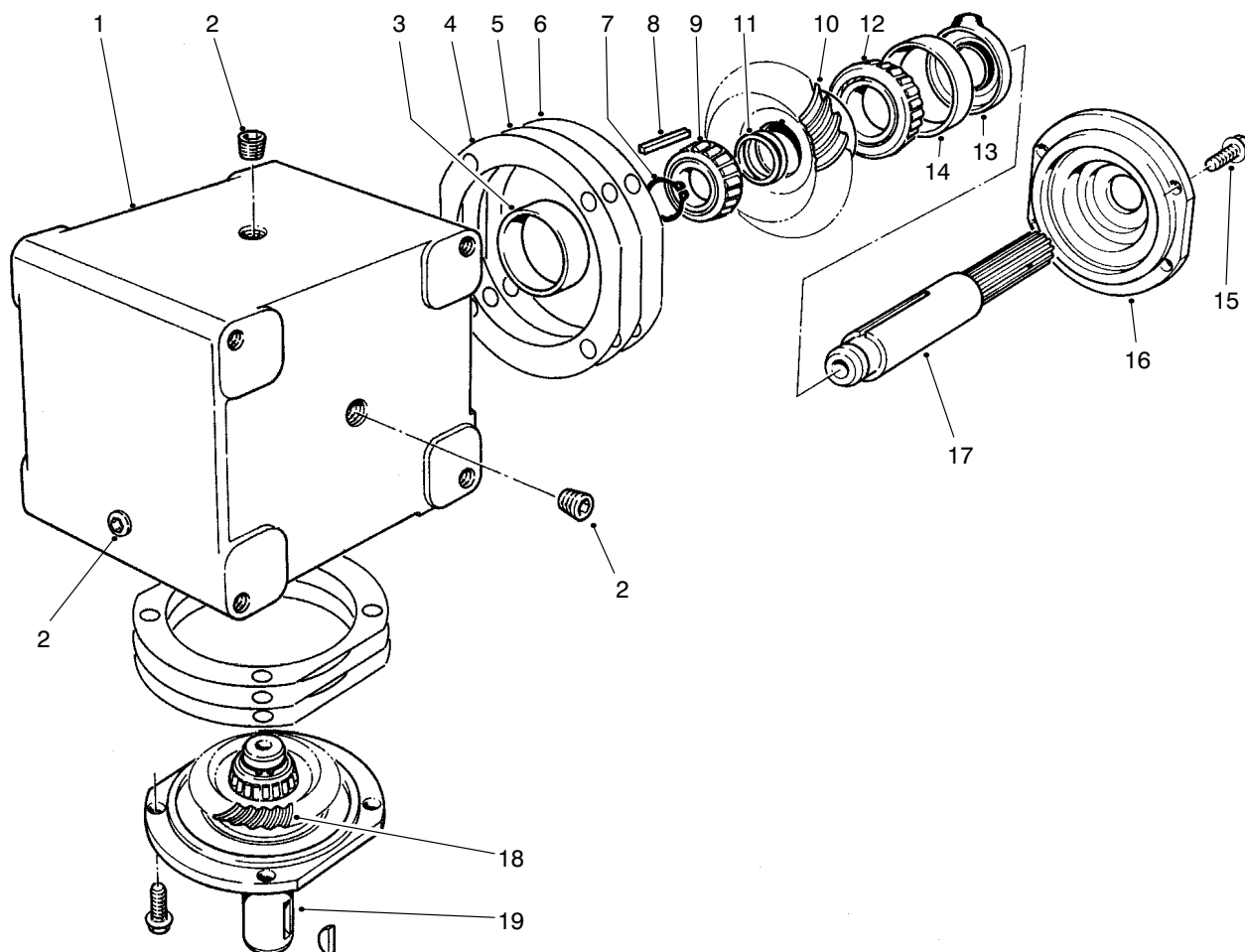


T-2037-2

DECAL & BAFFLE ASSEMBLY (Europe)

Ref. No.	Part No.	Description	No. Used
1	93-7815	Decal-Danger	4
2	93-7814	Decal-Danger	4
3	93-7809	Decal-Warning	1
5	93-7826	Decal-Height-of-Cut	1
6	93-6697	Decal-Lube	1

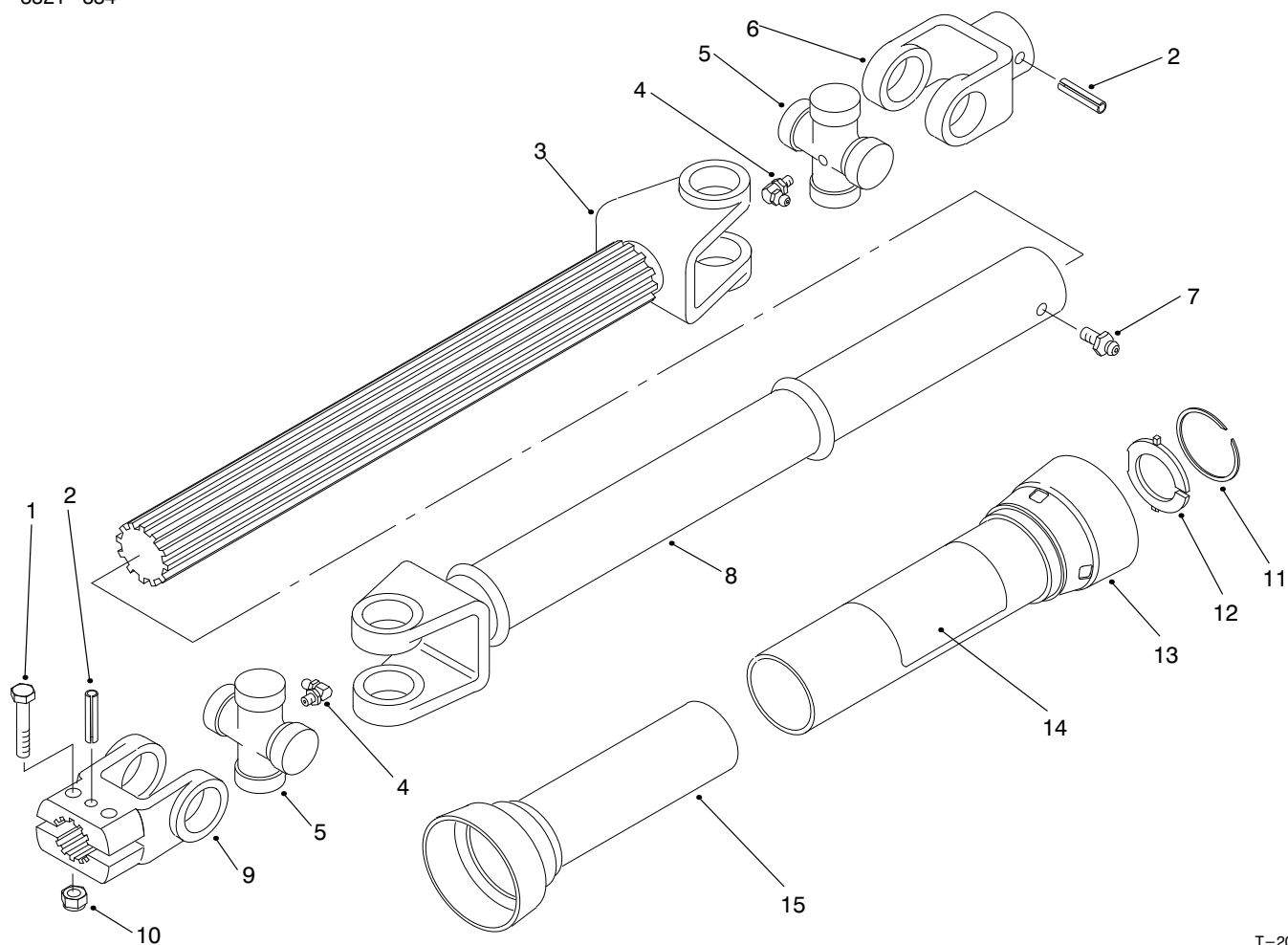
Ref. No.	Part No.	Description	No. Used
7	93-7818	Decal-Torque	1
8	3234-5	Screw-Flange Head	8
9	93-4390	Baffle-Side	2
10	93-4391	Baffle-Center	1



T-0977-2

GEAR BOX ASSEMBLY NO. 68-6810

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-7030	Housing	1	11	72-9370	Shim (.020 in.)	2
2	62-3490	Plug-Pipe (Solid)	4	12	254-94	Cone-Bearing	2
3	62-3360	Cup-Bearing	2	13	62-3400	Seal	2
4	62-3420	Gasket (.015 in.)	A/R	14	62-3340	Cup-Bearing	2
5	62-3430	Gasket (.005 in.)	A/R	15	62-3310	Screw-HH	8
6	62-3440	Gasket (.003 in.)	A/R	16	62-3410	Cap	2
7	68-7070	Ring-Retaining	2	17	68-7040	Shaft	1
8	62-3380	Key	2	18	68-7060	Gear	1
9	62-3370	Cone-Bearing	2	19	68-7050	Shaft	1
10	68-7080	Gear	1	20	3257-5	Key-Woodruff	1



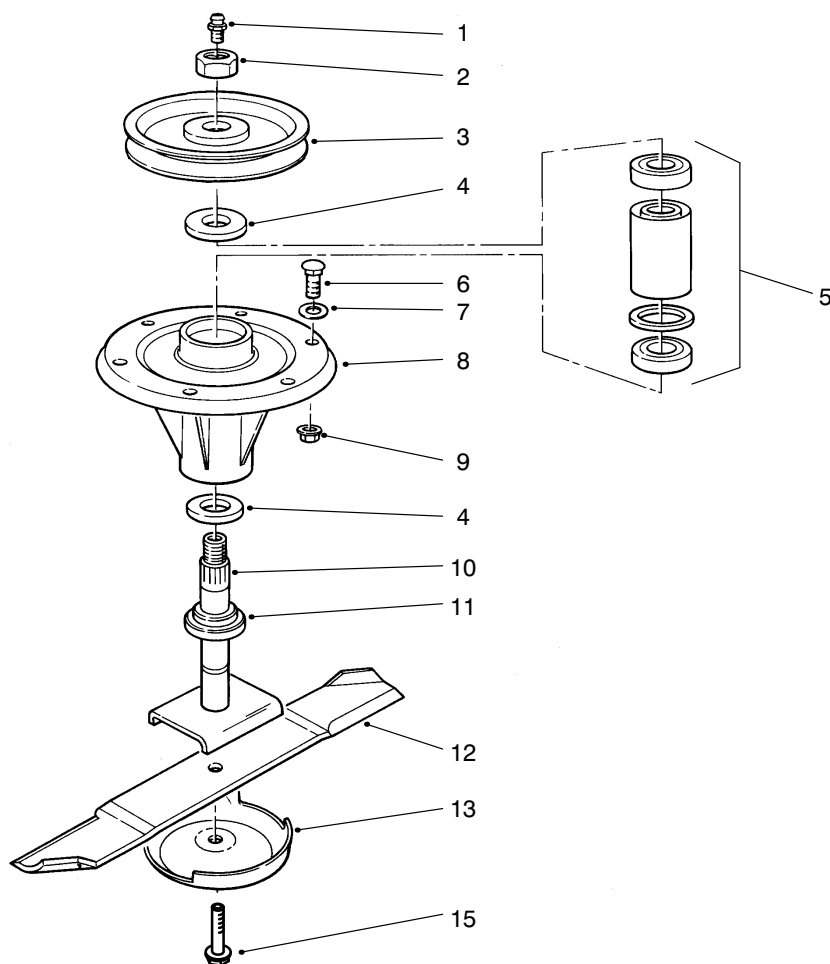
T-2038

DRIVE SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-9	Screw-HH	2
2	32121-34	Pin-Roll	2
3	93-9957	Slip Yoke-Shaft	1
4	62-3820	Fitting-Grease	2
5	54-9180	Kit-U-Joint	2
6	62-3800	Yoke-End	1
7	302-58	Fitting-Grease	1
8	93-9961	Slip Yoke-Tube	1
9	54-9040	Yoke-End (Split)	1
10	3296-29	Nut-Lock	2
11		Ring-Retaining	2
12		Bushing-Nylon	2
13	93-9984	Asm-Guard, Outer (Europe) (Incl. Ref. #11-12 & 14)	1

Ref. No.	Part No.	Description	No. Used
14	93-7283	Decal-Danger (Europe)	1
15	93-9960	Asm-Guard, Inner (Europe) (Incl. Ref. #11-12)	1
*	93-9958	Kit-Repair, Nylon (Europe) (Incl. 2 Each Ref. #11-12)	1
*	93-9995	Asm-Drive Shaft (Europe) (Incl. Ref. #3-9 & 13-15)	1
*	93-9962	Asm-Drive Shaft (Without guards) (Incl. Ref. #3-9)	1

*Not Illustrated

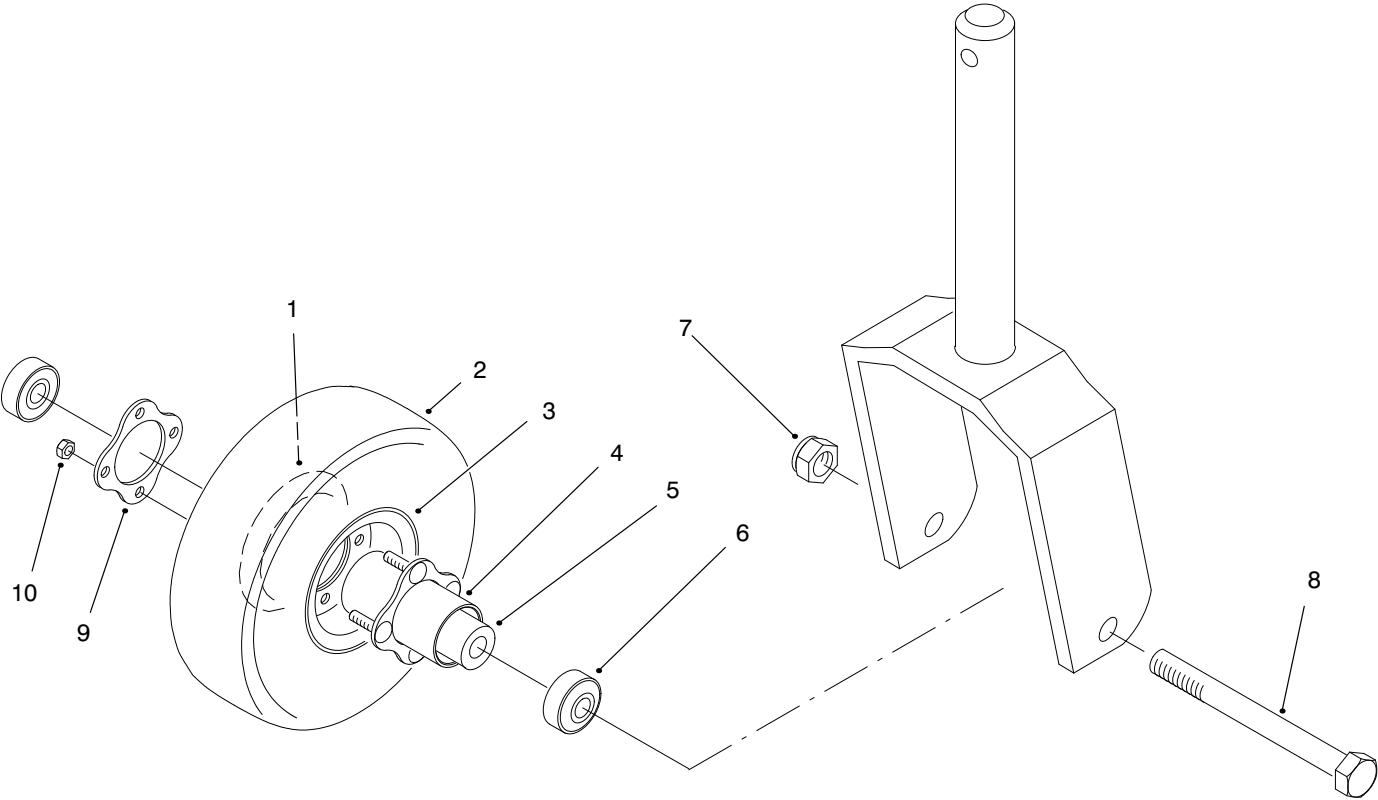


T-1438A

SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting-Grease	3	10	85-6010	Shaft-Spindle	3
2	3296-49	Nut-Lock	3	11	69-6950	Spacer-Spindle Shaft	3
3	85-6030	Pulley-Spindle	3	12	85-6040	Blade-25.18"	3
4	253-154	Seal-Oil	6	13	72-9361	Cup-Anti-Scalp	3
5	71-2530	Assembly-Bearing	3	15	92-5816	Screw-Blade	3
6	3231-27	Bolt-Carriage Head	18	*	95-3088	Kit-Blade & Belt (Incl. Ref. #12)	1
7	3256-24	Washer-Flat	A/R	*	95-3091	Asm-Spindle (Incl. Ref. #1-11, 13 & 15)	1
8	69-1530	Housing-Spindle	3				
9	32128-21	Nut-Flange Head	18				

Quantities shown are for three deck spindles.



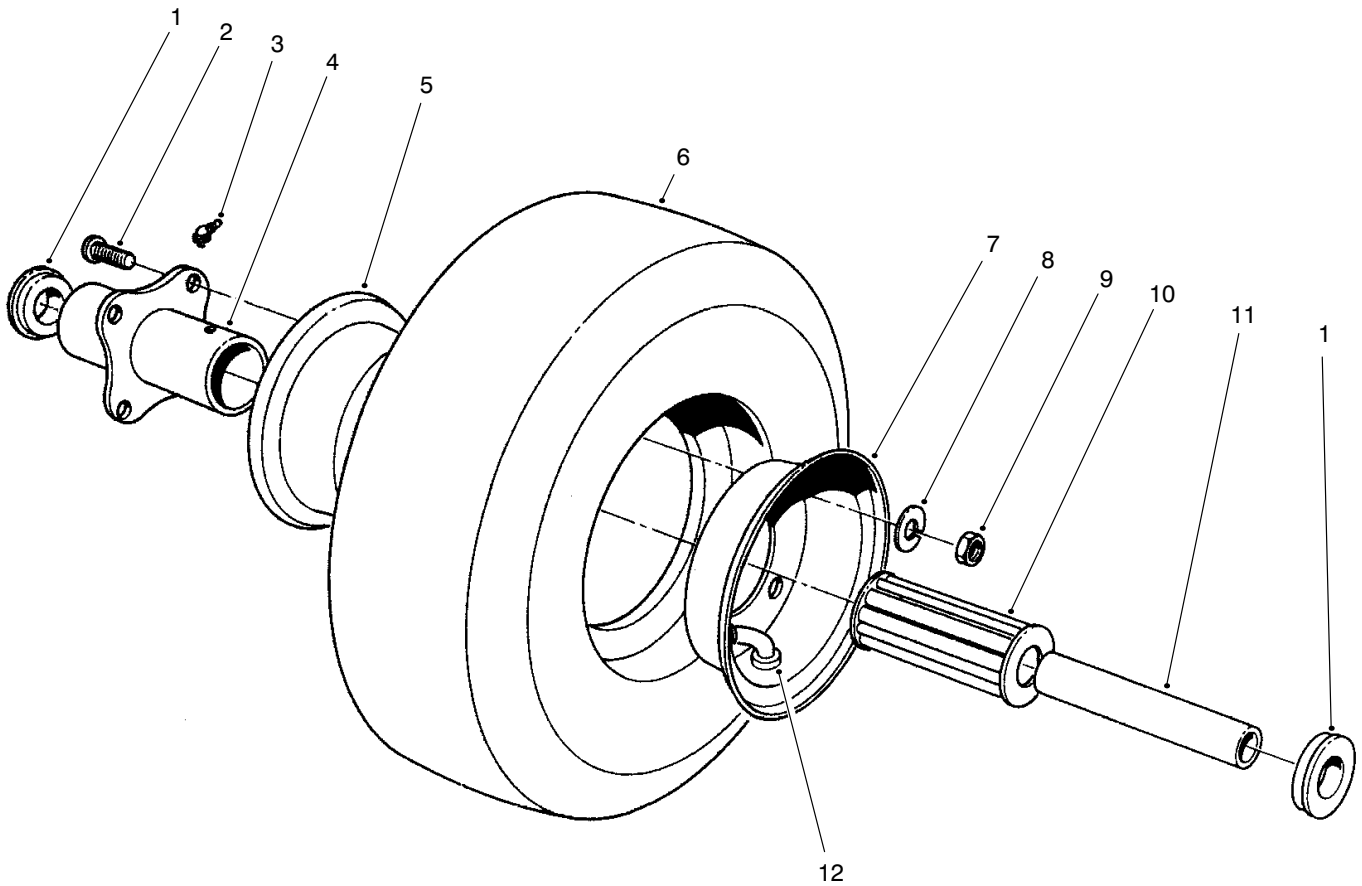
T-2653-1

†**FOAM FILLED CASTOR WHEEL (Optional)**

Ref. No.	Part No.	Description	No. Used
1	95-2741	Rim-Wheel	2
2	93-9939	Tire-8"	2
*	93-4243	Tire-10"	2
3	93-4239	Rim-Wheel	2
4	93-5980	Hub	2
5	93-4241	Spacer-Bearing	2
6	93-4237	Bearing-Castor	2
†7	3296-53	Nut-Lock	2

Ref. No.	Part No.	Description	No. Used
†8	327-24	Screw-HH	2
9	93-4242	Plate	2
10	32128-16	Nut-Hex. Lock	8
*	93-5974	Asm-8" Foam Filled Wheel (Incl. Ref. #1-6 & 9-10)	2
*	93-5973	Asm-10" Foam Filled Wheel (Incl. Ref. #1-6 & 9-10)	2

* Not Illustrated
† Must drill out hole in castor fork to .625 Dia.



T-0448

PNEUMATIC TIRE & WHEEL ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	54-8930	Retainer	2	9	3217-6	Nut-Hex.	4
2	54-8890	Bolt-Wheel	4	10	54-8940	Bearing-Roller (Open Cage)	1
3	302-10	Fitting-Grease	1	11	55-7080	Bushing-Spanner	1
4	54-8920	Hub-Centered	1	12	54-8950	Tube w/Valve	1
5	54-8910	Wheel Half-Female	1	*	12-1509	Asm-Wheel, Pneumatic (Incl. Ref. #1-12)	1
6	54-8960	Tire	1				
7	54-8900	Wheel Half-Male	1				
8	3253-4	Washer-Lock	4				

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-6498	Washer	1 5 1	85-5950	Skid-RH	1 * 1
3-6781	Washer	3 23 4	85-5980	Skid-LH	1 25 1
5-0838	Washer	1 23 16	85-6010	Shaft-Spindle	11 10 3
12-1509	Asm-Pneumatic Wheel/Tire	3 * 2	85-6030	Pulley-Spindle	11 3 3
12-1509	Asm-Wheel, Pneumatic	13 * 1	85-6040	Blade-25.18	11 12 3
23-1640	Bushing-Taperlock	7 18 1	85-6050	Cover-LH	5 4 1
27-1040	Spacer-.25"	3 * 24	85-6050	Cover-LH	6 4 1
36-1740	Roller	2 29 3	85-6060	Cover-LH Center	5 3 1
40-6400	Shaft-Roller	2 30 3	85-6060	Cover-LH Center	6 3 1
43-8480	Decal-Danger	4 1 4	85-6070	Cover-RH Center	5 2 1
54-8890	Bolt-Wheel	13 2 4	85-6070	Cover-RH Center	6 2 1
54-8900	Wheel Half-Male	13 7 1	85-6080	Cover-RH	5 1 1
54-8910	Wheel Half-Female	13 5 1	85-6080	Cover-RH	6 1 1
54-8920	Hub-Centered	13 4 1	85-6120	Decal-Belt Routing	4 2 1
54-8930	Retainer	13 1 2	85-6330	Bracket-Gear Box	7 13 1
54-8940	Bearing-Roller	13 10 1	85-6390	Spring	1 1 1
54-8950	Tube w/Valve	13 12 1	85-6410	Decal-Danger	4 3 4
54-8960	Tire	13 6 1	85-6430	Decal-Guardian	4 9 1
54-9040	Yoke-End (Split)	10 9 1	85-6460	Chamber-LH	4 5 1
54-9180	Kit-U-Joint	10 5 2	85-6470	Chamber-RH	4 8 1
55-7080	Bushing-Spanner	13 11 1	85-6480	Chamber-Center	4 7 1
57-0690	Pin-Special	2 31 3	92-1655	Asm-Wheel 10"	3 21 2
62-3310	Screw-HH	9 15 8	92-1765	Washer	3 10 4
62-3340	Cup-Bearing	9 14 2	92-4089	Decal-Height-Of-Cut	7 16 1
62-3360	Cup-Bearing	9 3 2	92-5581	Ring-Retaining, Internal	3 28 4
62-3370	Cone-Bearing	9 9 2	92-5583	Washer-Cap	3 29 4
62-3380	Key	9 8 2	92-5584	Spring-Compression	3 30 4
62-3400	Seal	9 13 2	92-5816	Screw-Blade	11 15 3
62-3410	Cap	9 16 2	92-7847	Decal-Warning	7 20 1
62-3420	Gasket (.015 in.)	9 4 A/R	92-8861	Cap-Height-of-Cut	3 31 4
62-3430	Gasket (.005 in.)	9 5 A/R	92-8866	Spacer-.50"	3 9 12
62-3440	Gasket (.003 in.)	9 6 A/R	93-4237	Bearing-Castor	12 6 2
62-3490	Plug-Pipe (Solid)	9 2 4	93-4239	Rim-Wheel	12 3 2
62-3800	Yoke-End	10 6 1	93-4241	Spacer-Bearing	12 5 2
62-3820	Fitting-Grease	10 4 2	93-4242	Plate	12 9 2
62-4340	Spanner	3 17 4	93-4243	Tire-10"	12 * 2
62-5580	Bearing	3 14 8	93-4390	Baffle-Side	8 9 2
63-0070	Spacer-.50"	3 26 12	93-4391	Baffle-Center	8 10 1
63-1540	Pulley-Idler	1 13 2	93-5973	Asm-10" Foam Filled Wheel	12 * 2
63-8410	Washer	7 12 4	93-5974	Asm-8" Foam Filled Wheel	12 * 2
63-9750	Mount	7 3 4	93-5980	Hub	12 4 2
68-6810	Asm-Gear Box	7 7 1	93-6697	Decal-Lube	8 6 1
68-7030	Housing	9 1 1	93-7283	Decal-Danger (Europe)	10 14 1
68-7040	Shaft	9 17 1	93-7809	Decal-Warning	8 3 1
68-7050	Shaft	9 19 1	93-7814	Decal-Danger	8 2 4
68-7060	Gear	9 18 1	93-7815	Decal-Danger	8 1 4
68-7070	Ring-Retaining	9 7 2	93-7818	Decal-Torque	8 7 1
68-7080	Gear	9 10 1	93-7826	Decal-Height-of-Cut	8 5 1
68-8340	Decal-Torque	7 2 1	93-8457	Belt-Drive	7 1 1
68-8560	Bracket-RH, Gear Box	7 6 1	93-8471	Bushing-Rubber	3 12 2
69-1530	Housing-Spindle	11 8 3	93-9324	Pivot-Idler	2 33 1
69-6260	Magnet	5 8 4	93-9340	Asm-Housing	1 27 1
69-6870	Plate-Magnet	5 6 4	93-9839	Shroud-Universal	7 9 1
69-6950	Spacer-Spindle Shaft	11 11 3	93-9939	Tire-8"	12 2 2
69-6960	Spacer-Idler	1 12 3	93-9957	Slip Yoke-Shaft	10 3 1
69-9290	Pad-Bumper	1 21 1	93-9958	Kit-Repair, Nylon (Europe)	10 * 1
70-2560	Decal-Lube	7 23 1	93-9960	Asm-Guard, Inner	10 15 1
71-2530	Assembly-Bearing	11 5 3	93-9961	Slip Yoke-Tube	10 8 1
72-9361	Cup-Anti-Scalp	11 13 3	93-9962	Asm-Drive Shaft	10 * 1
72-9370	Shim (.020 in.)	9 11 2	93-9984	Asm-Guard, Outer	10 13 1
83-4740	Bearing-Roller	3 16 4	93-9995	Asm-Drive Shaft (Europe)	10 * 1
85-5760	Asm-Wheel 8"	3 15 2	94-1291	Bushing-Special	3 24 4
85-5810	Mount-Ball Joint, LH	3 7 1	94-5381	Fork-Castor, Front	3 22 2
85-5830	Bracket-Chain	3 3 2	94-5383	Fork-Castor, Rear	3 20 2
85-5860	Pulley	7 17 1	94-5429	Asm-Castor Arm, LH	3 11 1
85-5900	Arm-Idler	1 4 1	94-5430	Asm-Castor Arm, RH	3 5 1
85-5920	Bracket-Idler Arm	1 10 2	94-9162	Plate-Mount, Gear Box	7 10 1
85-5930	Tube-Spring	1 2 1	95-2741	Rim-Wheel	12 1 2
85-5940	Rod-Spring	1 17 1	95-3082	Asm-Front Castor Wheel	3 * 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3321-834

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
95-3083	Asm-Rear Castor Wheel	3 * 1	3234-11	Screw-Flange Head	7 21 6
95-3085	Castor Wheel Set	3 * 1	3234-18	Screw-Flange Head	7 14 1
95-3088	Kit-Blade & Belt	11 * 1	3247-4	Screw-Set	7 19 2
95-3088	Kit-Blade & Belt	7 * 1	3253-4	Washer-Lock	13 8 4
95-3091	Asm-Spindle	11 * 1	3253-21	Washer-Lock	7 5 5
253-154	Seal-Oil	11 4 6	3256-6	Washer-Flat	3 27 8
254-94	Cone-Bearing	9 12 2	3256-24	Washer-Flat	11 7 A/R
256-188	Bushing	1 3 1	3256-24	Washer-Flat	7 22 A/R
283-82	Pin-Clevis	1 15 1	3257-5	Key-Woodruff	9 20 1
302-2	Fitting-Grease	11 1 3	3269-25	Rivet-Pop	5 5 8
302-2	Fitting-Grease	1 7 1	3272-11	Pin-Cotter	1 28 3
302-5	Fitting-Grease	3 25 2	3290-467	Pin-Cotter	1 9 1
302-10	Fitting-Grease	13 3 1	3296-2	Nut-Lock	5 7 8
302-40	Fitting-Grease	3 13 4	3296-29	Nut-Lock	10 10 2
302-58	Fitting-Grease	10 7 1	3296-49	Nut-Lock	11 2 3
321-8	Screw-HH	1 16 1	3296-53	Nut-Lock	12 7 2
322-9	Screw-HH	10 1 2	32104-82	Screw-Flange Head	7 8 2
323-4	Screw-HH	7 4 5	32105-1	Screw-HH	5 9 8
323-14	Screw-HH	1 24 16	32108-103	Screw-Flat Head	1 20 2
324-12	Screw-HH	3 1 2	32120-72	Ring-Retaining	1 6 1
324-13	Screw-HH	3 8 1	32121-34	Pin-Roll	10 2 2
325-6	Screw-HH	1 18 1	32128-16	Nut-Hex. Lock	12 10 8
325-8	Screw-HH	1 14 1	32128-19	Nut-Flange Head	1 22 16
325-22	Screw-HH	3 18 4	32128-21	Nut-Flange Head	11 9 18
327-24	Screw-HH	12 8 2	32128-21	Nut-Flange Head	7 11 10
3217-6	Nut-Hex.	13 9 4	32128-23	Nut-Flange Head	3 19 4
3230-18	Bolt-Carriage Head	4 6 16	32128-25	Nut-Flange Head	4 4 18
3230-23	Bolt-Carriage Head	4 10 2	32128-25	Nut-Flange Head	1 19 2
3231-26	Bolt-Carriage Head	7 15 3	32128-32	Nut-Flange Head	1 8 1
3231-27	Bolt-Carriage Head	11 6 18	32128-42	Nut-Flange Head	3 6 3
3233-9	Bolt-Carriage Head	1 26 6	32128-49	Nut-Flange Head	1 11 8
3234-5	Screw-Flange Head	6 5 4	32148-7	Nut-Insert	2 32 12
3234-5	Screw-Flange Head	8 8 8			

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro’s products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Guardian® 72" Recycler® has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the right hand side of the rear deck channel . In any correspondence concerning the Guardian® 72" Recycler , supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:
1. Model and serial number of the Guardian® 72" Recycler.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

TABLE OF CONTENTS

Description	Page	Description	Page
Housing, Idler & Skids Assembly	1–2	Gear Box Assembly No. 68–6810	9
Castor Wheels & Arm Assembly	3	Drive Shaft Assembly	10
Chambers, Kickers & Decals	4	Spindle Assembly	11
Cover Assembly	5	10" Segmented Front Caster Wheel (Optional) ...	12
Cover Assembly (Europe)	6	Pneumatic Tire & Wheel Assembly (Optional)	13
Gear Box & Mount Assembly	7	Numerical Parts Index	14–15
Decal & Baffle Assembly (Europe)	8		