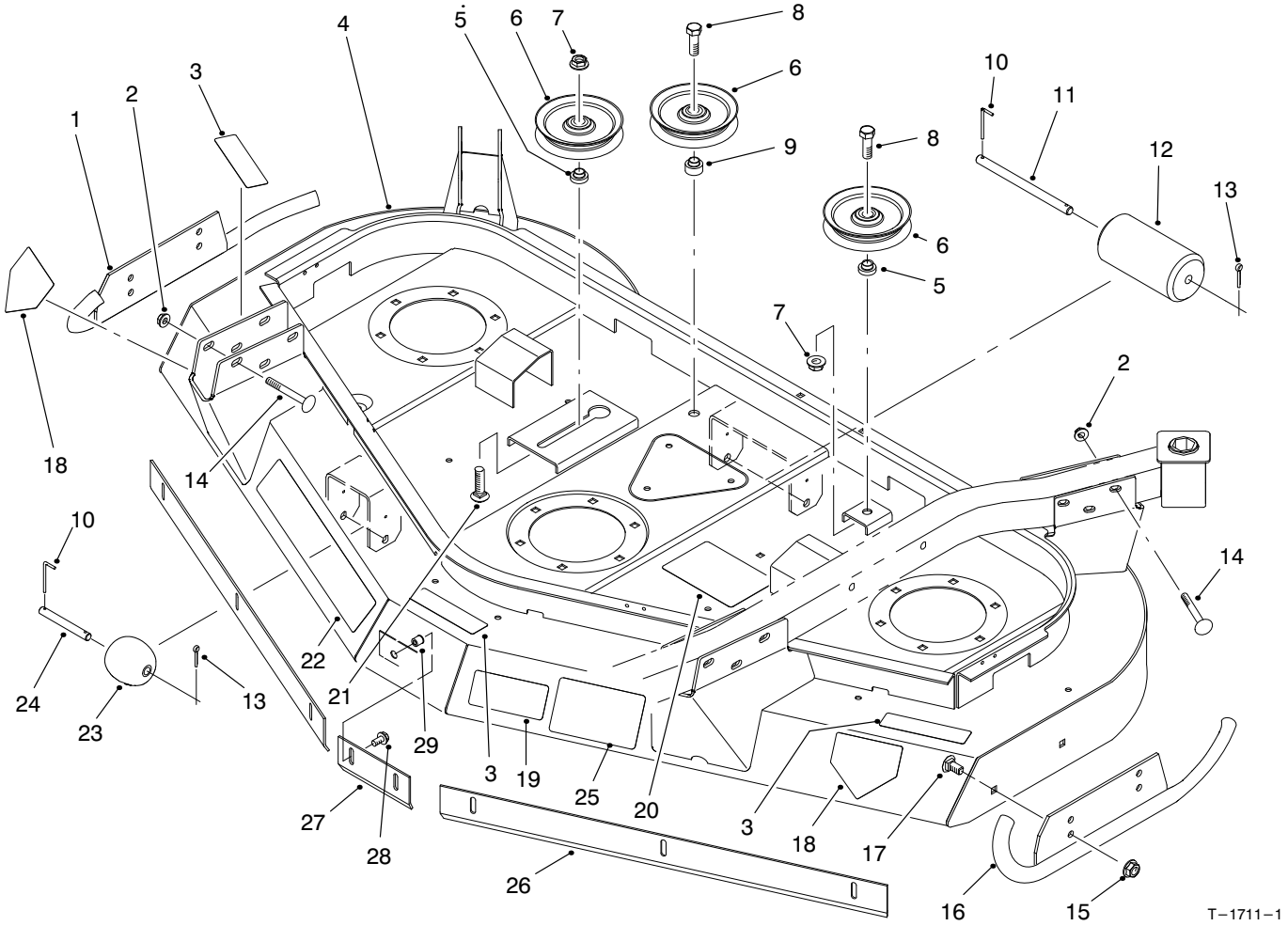
FORM NO. 3315–963 REV E

TORO®

MODEL NO. 30569–60001 & UP
MODEL NO. 30569TE–60001 & UP

PARTS CATALOG

GUARDIAN® 62” RECYCLER®
CUTTING UNIT



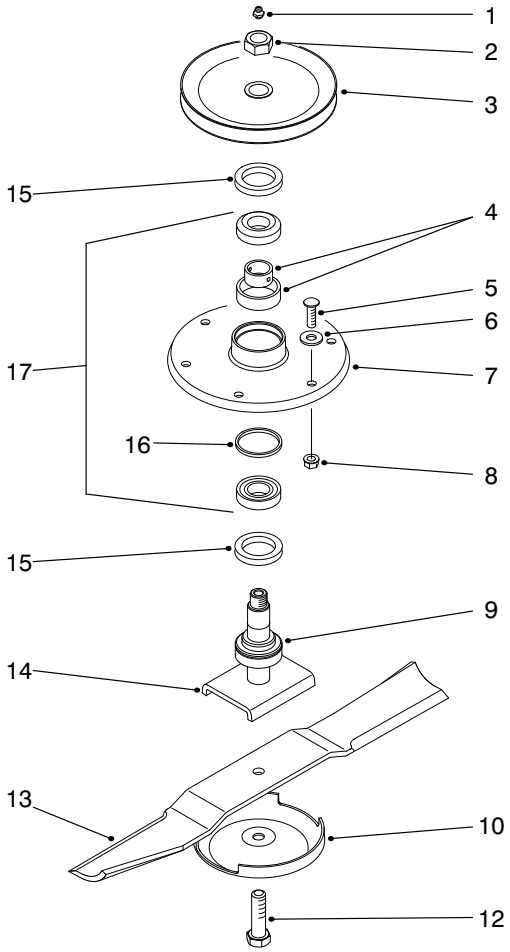
HOUSING & IDLERS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–5592	Skid – RH	1
2	32128–19	Nut – Flange Lock	12
3	85–6410	Decal – Danger	3
3	93–7814	Decal – Warning (Europe)	3
4	92–5571	Asm. – 62” Deck (Incl. Ref. #3, 18–20, 22 & 25)	1
5	69–6960	Spacer – Idler	2
6	63–1540	Pulley – Idler	3
7	32128–23	Nut – Flange Lock	2
8	325–6	Screw – HH	2
9	69–6970	Spacer – Idler	1
10	57–0690	Pin – Special	3
11	40–6400	Shaft – Roller	1
12	36–1740	Roller – Deck	1
13	3272–11	Pin – Cotter	3
14	3231–10	Bolt – Carriage	12
15	32128–21	Nut – Flange Lock	4

Ref. No.	Part No.	Description	No. Used
16	92–5589	Skid – LH	1
17	3231–1	Bolt – Carriage	4
18	43–8480	Decal – Danger	2
18	93–7815	Decal – Danger (Europe)	2
19	68–8340	Decal – Torque	1
19	93–7818	Decal – Torque (Europe)	1
20	92–4092	Decal – Belt Routing	1
21	3233–30	Bolt – Carriage	1
22	92–4088	Decal – Guardian	1
23	29–4820	Roller	2
24	57–0680	Shaft – Roller	2
25	92–5647	Decal – Warning	1
25	93–7810	Decal – Warning (Europe)	1
26	93–4388	Baffle – Side, (Europe)	2
27	93–4389	Baffle – Center (Europe)	1
28	3234–5	Screw – Flange (Europe)	8
29	32148–7	Nut – Clinch (Europe)	8

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TPS



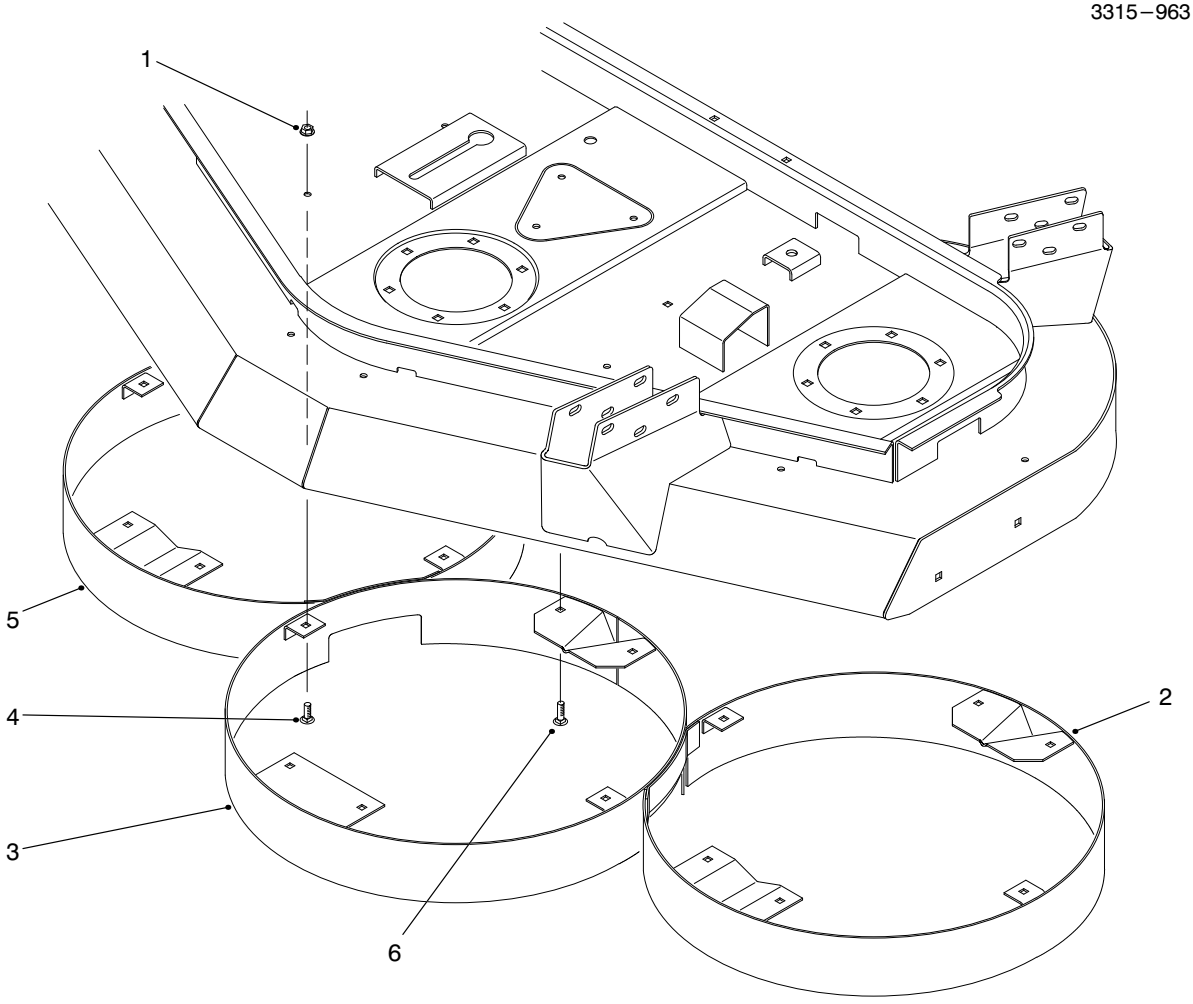
T−1709

SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302−2	Fitting − Grease	3
2	32146−20	Nut − Lock	3
3	92−5607	Pulley	3
4	27−5970	Spacer Set	3
5	3231−27	Bolt − Carriage	18
6	3256−24	Washer − Flat	A/R
7	61−4160	Housing − Spindle	3
8	32128−21	Nut − Lock	18
9	92−5606	Spacer − Spindle	3
10	72−9361	Cup − Anti−Scalp	3
12	92−5816	Bolt − Blade	3

Ref. No.	Part No.	Description	No. Used
13	92−5608	Blade	3
14	92−5604	Spindle	3
15	253−139	Seal − Oil	6
16		Spacer	3
17	27−0960	Asm. − Bearing (Incl. Ref. #16)	3
*	95−3073	Kit − Blade & Belt (Incl Ref. #13)	1
*	95−3081	Spindle Assembly (Incl. Ref. #1−12 & 14−17)	1

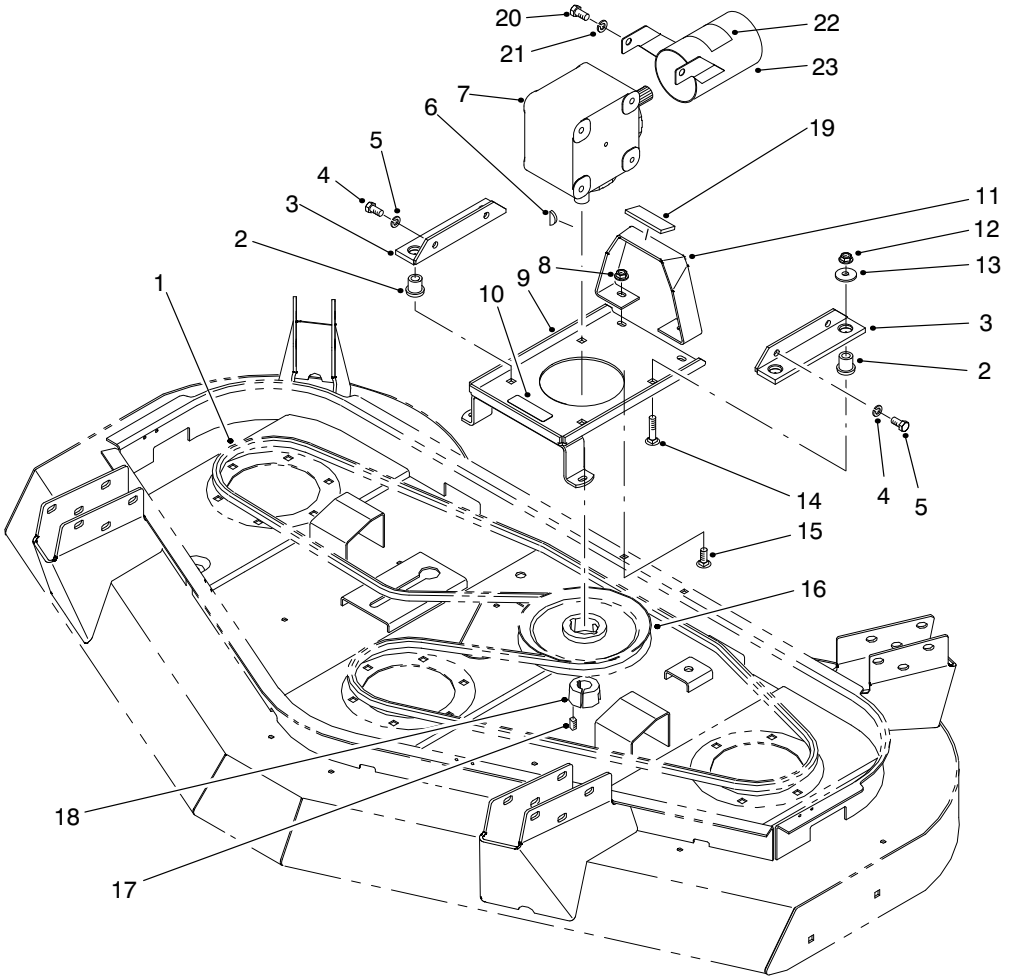
*Not Illustrated



T−1708A

CUTTING CHAMBER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128−13	Nut − Flange Lock	18
2	92−5594	Chamber − Cutting LH	1
3	92−5600	Chamber − Cutting Center	1
4	3230−18	Bolt − Carriage	14
5	92−5602	Chamber − Cutting RH	1
6	3230−23	Bolt − Carriage	4



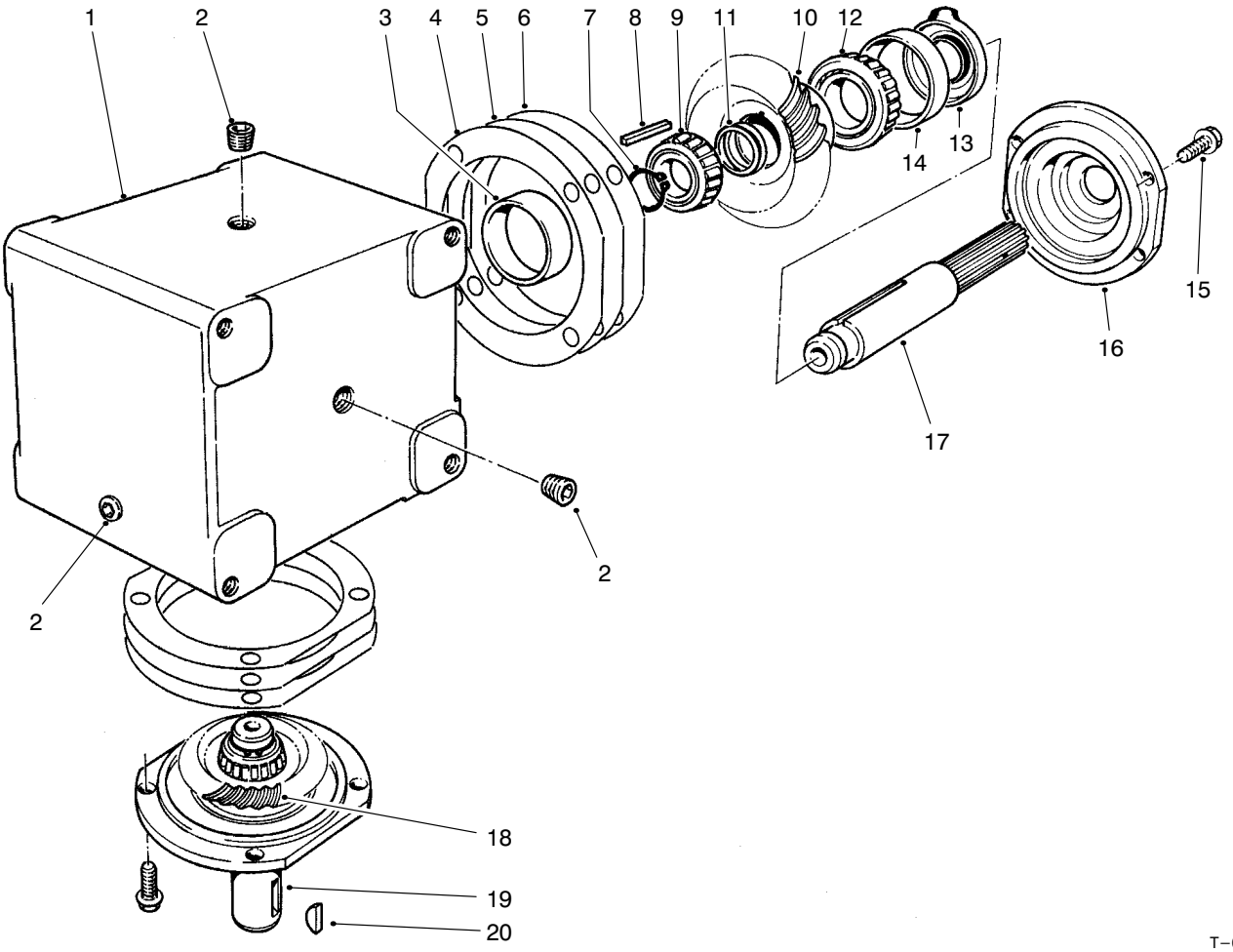
T−1710−1

GEAR BOX INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−5588	Belt − V	1
2	63−9750	Mount	4
3	68−8560	Bracket − Gear Box	2
4	323−4	Screw − Cap Hex. Hd.	4
5	3253−21	Washer − Lock	4
6	3257−5	Key − Woodruff	1
7	68−6810	Asm. − Gear Box	1
8	32128−13	Nut − Flange Lock	4
9	92−5609	Asm. − Gear Box Plate (Incl. Ref. #10)	1
10	70−2560	Decal − Lube	1
10	93−6697	Decal − Lube (Europe)	1
11	92−5644	Asm. − Gear Box Stand (Incl. Ref. #19)	1
12	32128−21	Nut − Lock	4

Ref. No.	Part No.	Description	No. Used
13	63−8410	Washer	4
14	3231−26	Bolt − Carriage	4
15	3230−22	Bolt − Carriage	4
16	85−5860	Pulley − Gear Box	1
17	3247−4	Screw − Set	2
18	23−1640	Asm. − Taper Lock Bushing (Incl. Ref. #17)	1
19	74−0342	Cushion − Rubber	1
20	323−2	Screw − HH (Europe)	2
21	3253−21	Washer − Lock (Europe)	2
22	93−7283	Decal − Danger (Europe)	1
23	93−9826	Guard − PTO Shaft (Europe)	1
*	95−3073	Kit − Blade & Belt (Incl. Ref. #1)	1

*Not Illustrated

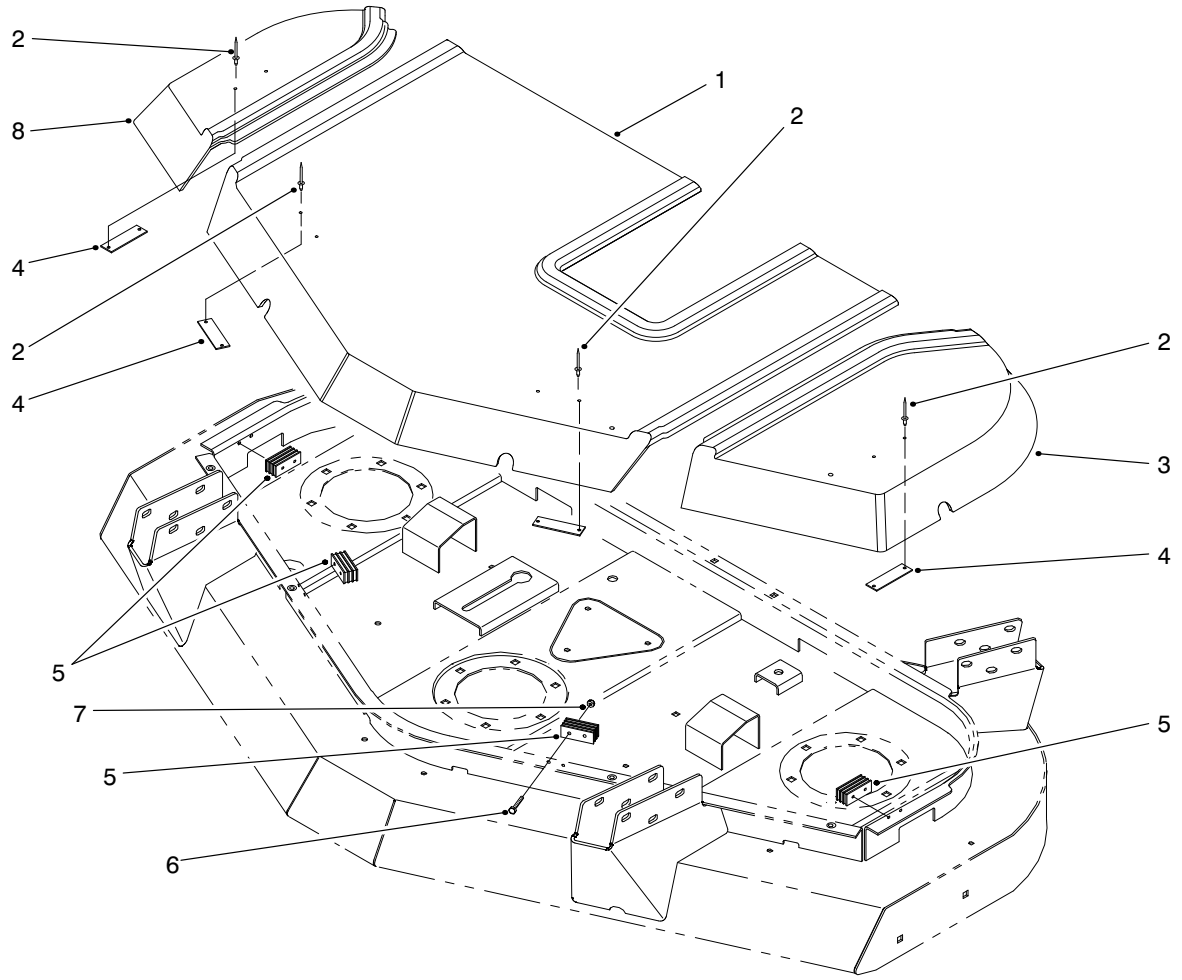


T−0977

GEAR BOX ASSEMBLY NO. 68−6810

Ref. No.	Part No.	Description	No. Used
1	68−7030	Housing	1
2	62−3490	Plug − Pipe (Solid)	4
3	62−3360	Cup − Bearing	2
4	62−3420	Gasket (.015 in.)	A/R
5	62−3430	Gasket (.005 in.)	A/R
6	62−3440	Gasket (.003 in.)	A/R
7	68−7070	Ring − Retaining	2
8	62−3380	Key	2
9	62−3370	Cone − Bearing	2
10	68−7080	Gear	1

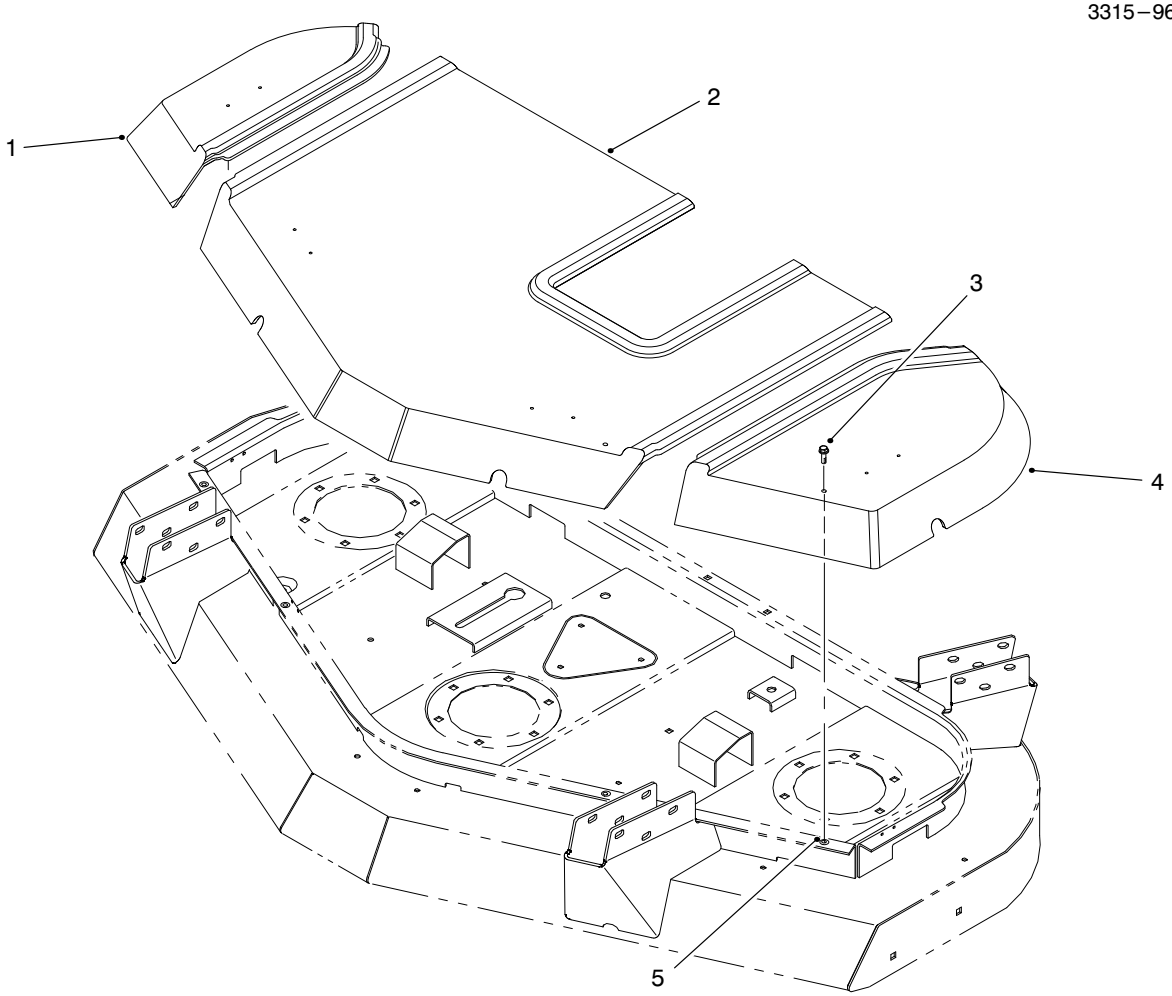
Ref. No.	Part No.	Description	No. Used
11	72−9370	Shim (.020 in.)	2
12	62−3330	Cone − Bearing	2
13	62−3400	Seal	2
14	62−3340	Cup − Bearing	2
15	62−3310	Screw − HH	8
16	62−3410	Cap	2
17	68−7040	Shaft	1
18	68−7060	Gear	1
19	68−7050	Shaft	1
20	3257−5	Key	1



COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−5620	Cover − Center	1
2	3269−25	Rivet − Pop	8
3	92−5618	Cover − LH	1
4	69−6870	Plate − Magnet	8

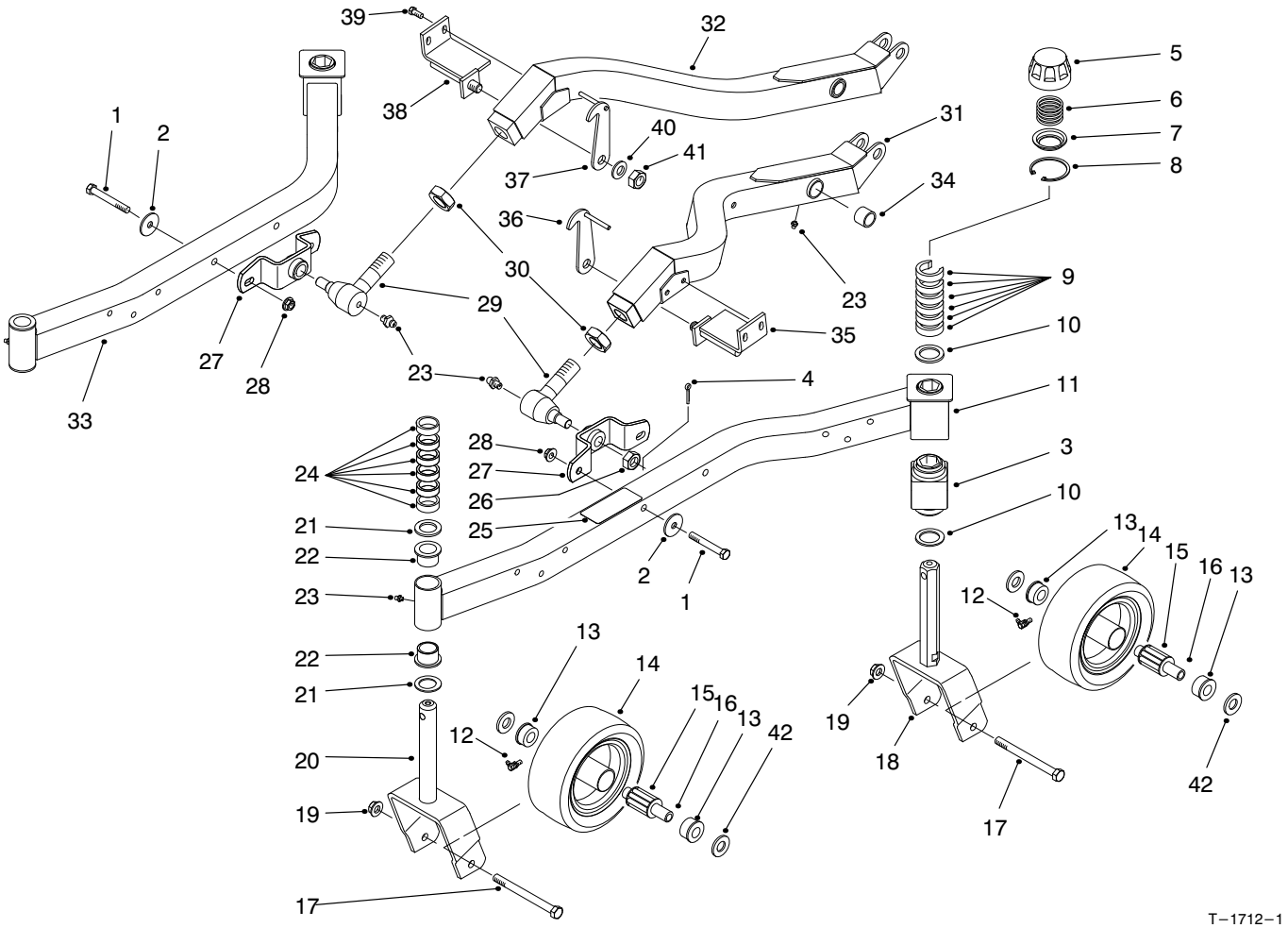
Ref. No.	Part No.	Description	No. Used
5	69−6260	Magnet	4
6	32105−1	Screw − HH	8
7	3296−2	Nut − Lock	8
8	92−5619	Cover − RH	1



T−2679−1

COVER ASSEMBLY (EUROPE)

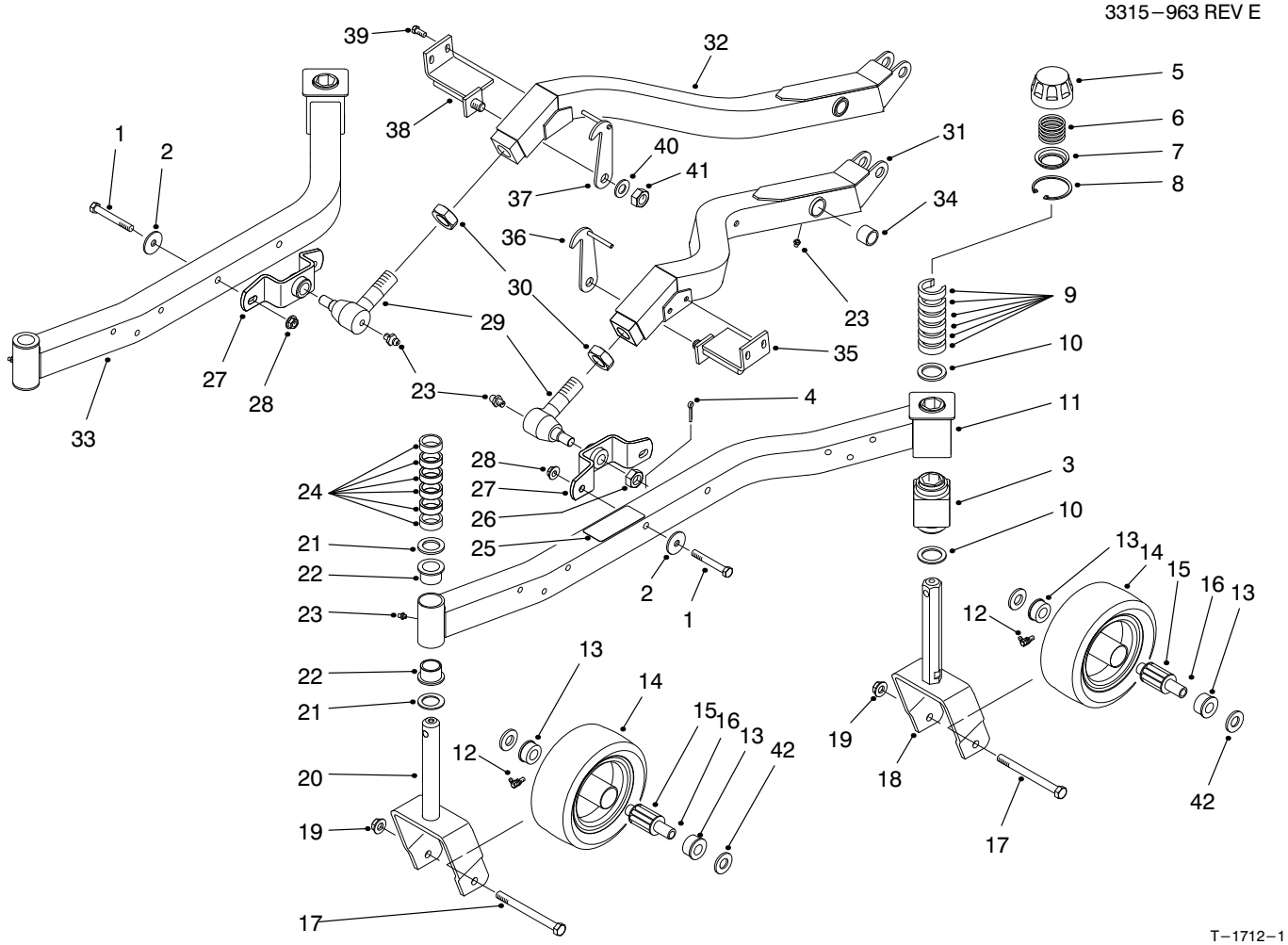
Ref. No.	Part No.	Description	No. Used
1	92−5619	Cover − RH	1
2	92−5620	Cover − Center	1
3	3234−5	Screw − Flange	4
4	92−5618	Cover − LH	1
5	32148−7	Nut − Clinch	4



CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	324−12	Screw − HH	4
2	66−6480	Washer	4
3	93−8471	Bushing − Rubber	2
4	3272−12	Pin − Cotter	2
5	92−8861	Cap − H.O.C.	4
6	92−5584	Spring − Compression	4
7	92−5583	Washer − Cap	4
8	92−5581	Ring − Retaining	4
9	92−8866	Spacer	12
10	92−1765	Washer − Thrust	4
11	92−5573	Asm. − Caster Arm, LH (Incl. Ref. #3, 22, 23 & 25)	1
12	302−40	Fitting − Grease	4
13	62−5580	Bearing − Outer	8
14	85−5760	Asm. − Caster Wheel (Incl. Ref. #12, 13 & 15)	4
15	83−4740	Bearing − Roller	4
16	62−4340	Spanner	4
17	325−22	Screw − HH	4
18	92−5578	Fork − Caster Rear	2
19	32128−23	Nut − Flange Lock	4
20	92−5575	Fork − Caster Front	2
21	3−6781	Washer − Thrust	4
22	94−1291	Bushing − Flange	4
23	302−5	Fitting − Grease	6
24	63−0070	Spacer	12

Ref. No.	Part No.	Description	No. Used
25	92−4089	Decal − H.O.C.	1
25	93−7826	Decal − H.O.C. (Europe)	1
26	32136−2	Nut − Slotted	2
27	92−5616	Mount − Ball Joint	2
28	32128−42	Nut − Flange Lock	4
29	86−8100	Asm. − Ball Joint (Incl. Ref. #23 & 26)	2
30	21−3000	Nut − Jam	2
31	92−5625	Asm. − Lift Arm, LH (Incl. Ref. #23 & 34)	1
32	92−5627	Asm. − Lift Arm, RH (Incl. Ref. #23 & 34)	1
33	92−5623	Asm. − Caster Arm, RH (Incl. Ref. #3, 22 & 23)	1
34	92−5648	Bushing − Sleeve	4
35	93−9326	Bracket − Latch, LH (Europe)	1
36	93−8479	Retainer − Deck, LH (Europe)	1
37	93−8478	Retainer − Deck, RH (Europe)	1
38	93−9325	Bracket − Latch, RH (Europe)	1
39	32144−11	Screw − HH (Europe)	4
40	3290−317	Washer − Wave (Europe)	2
41	3296−33	Nut − Lock (Europe)	2



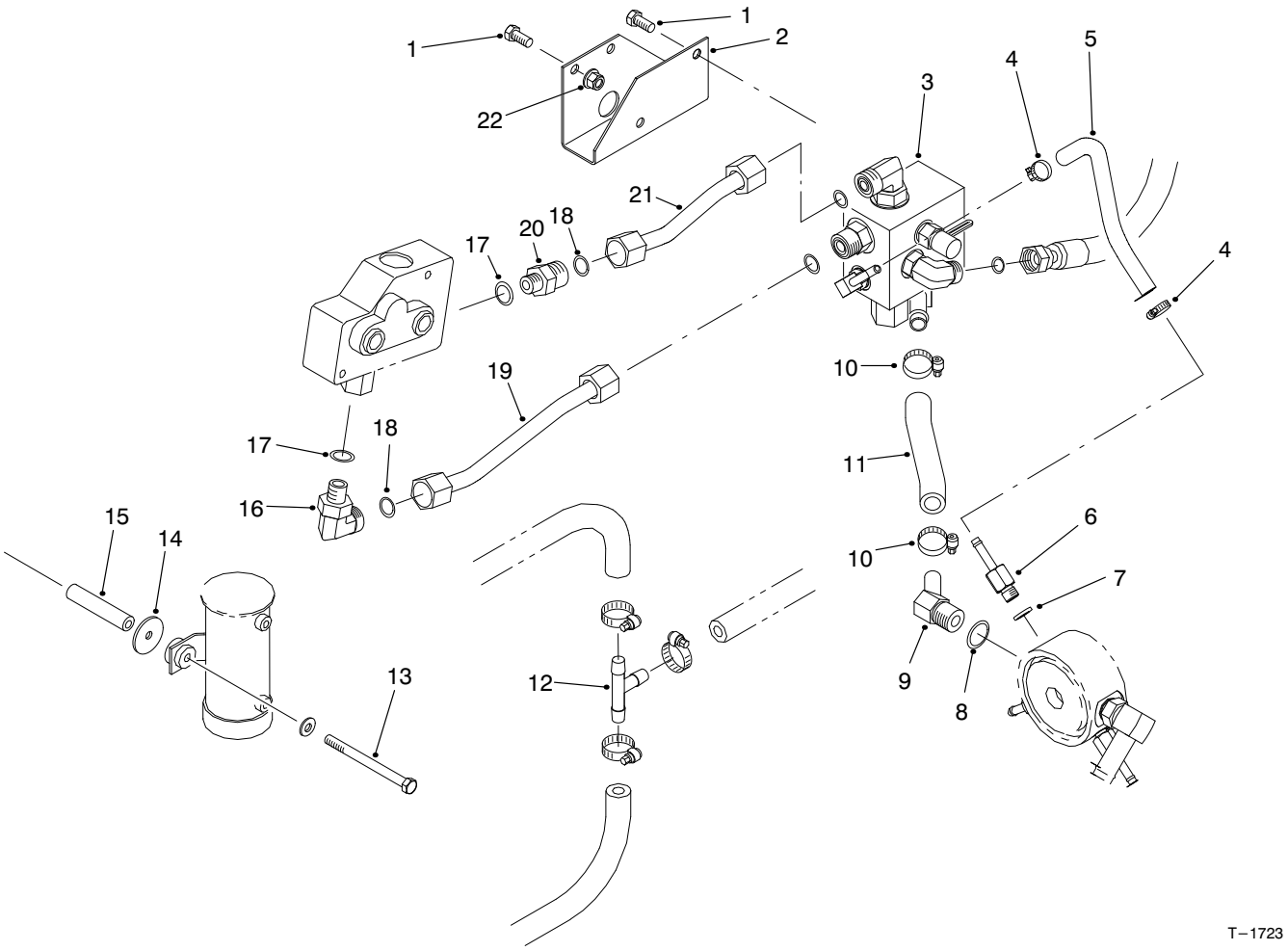
T−1712−1

CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
42	3256−6	Washer − Flat	8
*	92−8862	Asm. − Cap, H.O.C. (Incl. Ref.#5−8)	1

Ref. No.	Part No.	Description	No. Used
*	95−3076	Castor Wheel Set (4 Wheels) (Incl. Ref. #12−17, 19 & 42)	1

*Not Illustrated



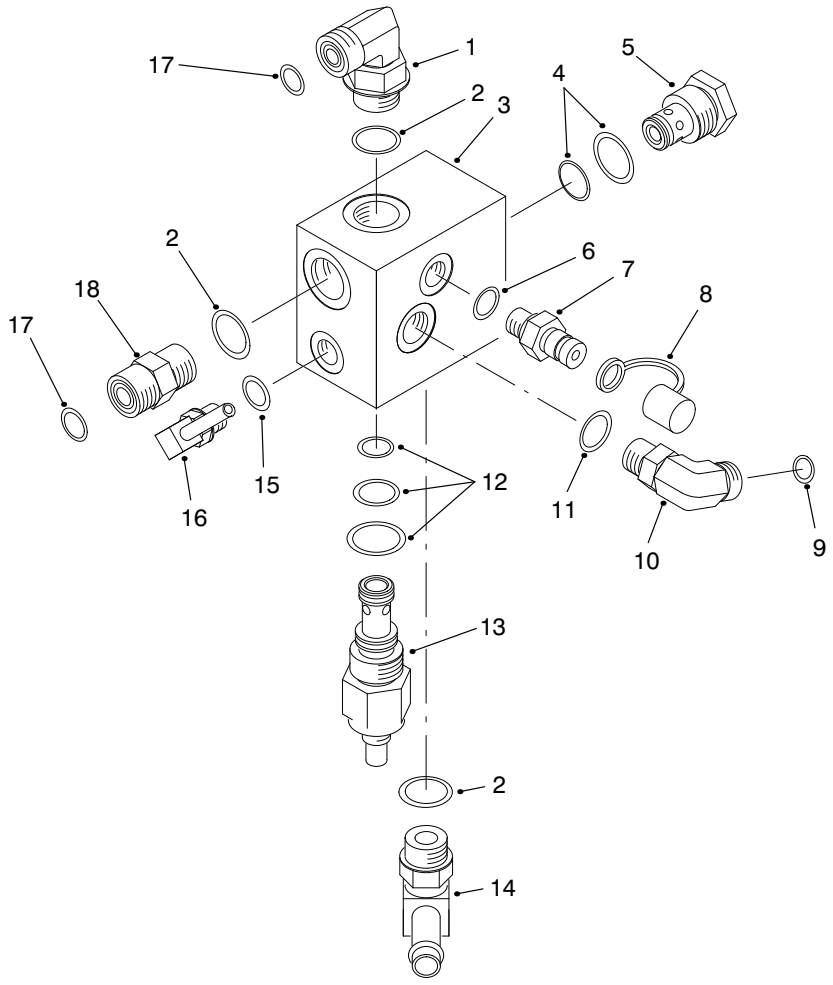
COUNTERBALANCE MANIFOLD INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−14	Screw − HH	4
2	92−5635	Bracket − Manifold	1
3	92−5638	Asm. − Manifold Block	1
4	2412−108	Clamp − Hose	2
5	65−2970	Hose − Hydraulic	1
6	92−5512	Fitting − Hydraulic Straight (Incl. Ref. #7)	1
7	237−78	O−Ring	1
8	237−79	O−Ring	1
9	354−126	Fitting − Hydraulic 90° (Incl. Ref. #8)	1
10	2412−36	Clamp − Hose	2
11	92−5639	Hose − Hydraulic	1
12	354−107	Fitting − Hydraulic Tee	1
13	321−24	Screw − HH	2

Ref. No.	Part No.	Description	No. Used
14	3256−55	Washer − Flat	2
15	92−5634	Spacer − Fuel Pump	2
16	340−99	Fitting − Hydraulic 90°° (Incl. Ref. #17 & 18)	1
17	237−42	O−Ring	2
18	237−30	O−Ring	2
19	92−5637	Tube − Hydraulic	1
20	340−5	Fitting − Hydraulic Straight (Incl. Ref. #17 & 18)	1
21	92−5636	Tube − Hydraulic	1
22	32128−13	Nut − Flange Lock	2
*†	92−5640	Fitting − Hydraulic Cross (Incl. O−Ring No. 237−80) (For use on 2wd units only)	1

*Not Illustrated

†Item not included with cutting unit.

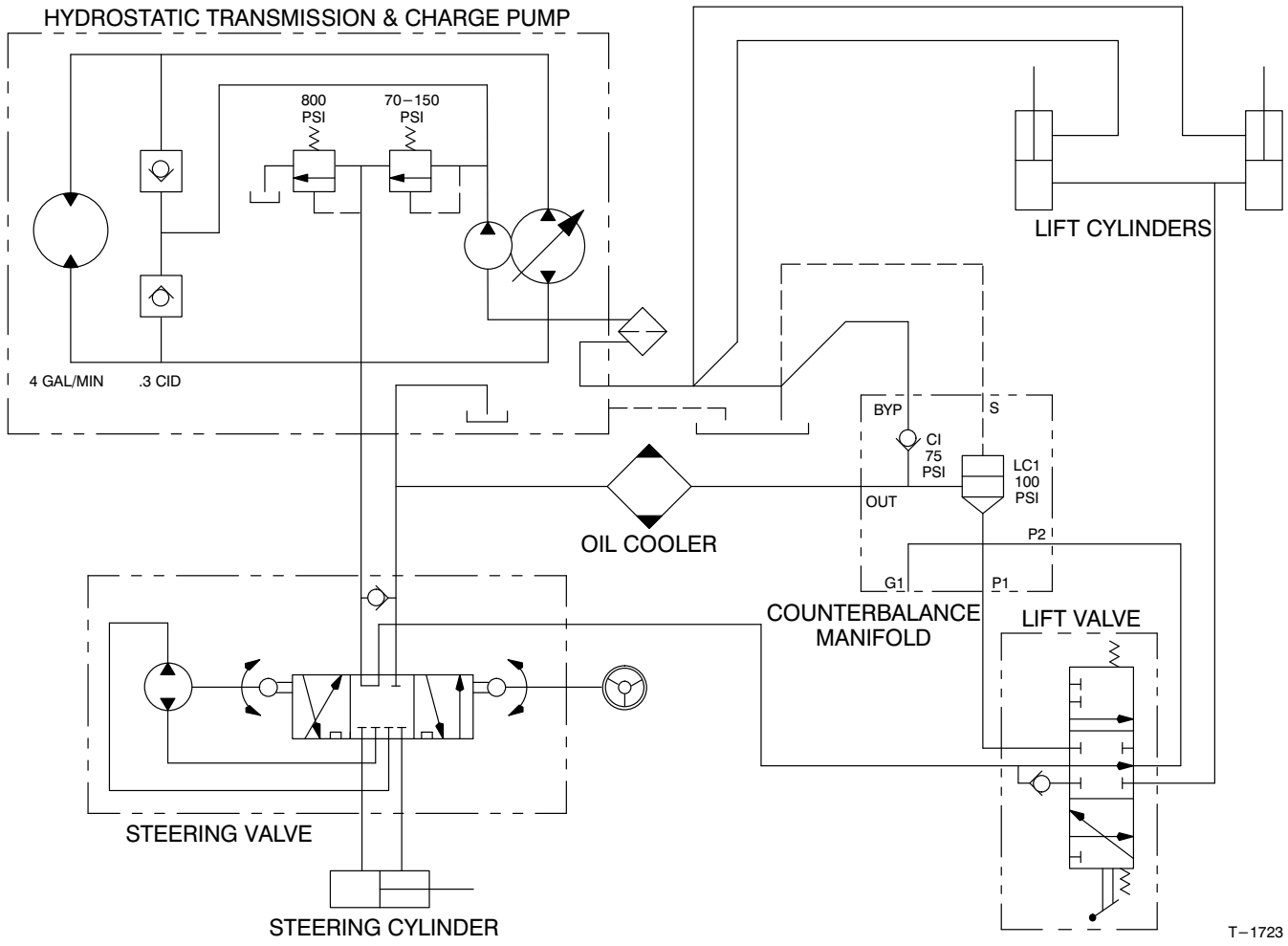


T−1722

COUNTERBALANCE MANIFOLD ASSEMBLY NO. 92−5638

Ref. No.	Part No.	Description	No. Used
1	340−98	Fitting − Hydraulic 90˚ (Incl. Ref. #2 & 17)	1
2	237−79	O−Ring	3
3		Block − Manifold	1
4	75−2080	Kit − Seal	1
5	92−5645	Asm. − Relief Cartridge (Incl. Ref. #4)	1
6	237−78	O−Ring	1
7	354−77	Fitting − Diagnostic (Incl. Ref. #6)	1
8	353−947	Cap − Dust	1
9	237−22	O−Ring	1
10	340−77	Fitting − Hydraulic 90˚ (Incl. Ref. #9 & 11)	1

Ref. No.	Part No.	Description	No. Used
11	237−42	O−Ring	1
12	69−4240	Kit − Seal	1
13	92−5646	Asm. − Logic Cartridge (Incl. Ref. #12)	1
14	354−120	Fitting − Hydraulic 90˚ (Incl. Ref. #2)	1
15	237−78	O−Ring	1
16	304−99	Fitting − Hydraulic 90˚ (Incl. Ref. #15)	1
17	237−30	O−Ring	2
18	340−4	Fitting − Hydraulic Straight (Incl. Ref. #2 & 17)	1



HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used

Ref. No.	Part No.	Description	No. Used

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3−6781	Washer − Thrust	8	21	4
21−3000	Nut − Jam	8	30	2
23−1640	Asm. − Taper Lock Bushing	4	18	1
27−0960	Asm. − Bearing	2	17	3
27−5970	Spacer Set	2	4	3
29−4820	Roller	1	23	2
36−1740	Roller − Deck	1	12	1
40−6400	Shaft − Roller	1	11	1
43−8480	Decal − Danger	1	18	2
57−0680	Shaft − Roller	1	24	2
57−0690	Pin − Special	1	10	3
61−4160	Housing − Spindle	2	7	3
62−3310	Screw − HH	5	15	8
62−3330	Cone − Bearing	5	12	2
62−3340	Cup − Bearing	5	14	2
62−3360	Cup − Bearing	5	3	2
62−3370	Cone − Bearing	5	9	2
62−3380	Key	5	8	2
62−3400	Seal	5	13	2
62−3410	Cap	5	16	2
62−3420	Gasket (.015 in.)	5	4	A/R
62−3430	Gasket (.005 in.)	5	5	A/R
62−3440	Gasket (.003 in.)	5	6	A/R
62−3490	Plug − Pipe (Solid)	5	2	4
62−4340	Spanner	8	16	4
62−5580	Bearing − Outer	8	13	8
63−0070	Spacer	8	24	12
63−1540	Pulley − Idler	1	6	3
63−8410	Washer	4	13	4
63−9750	Mount	4	2	4
65−2970	Hose − Hydraulic	10	5	1
66−6480	Washer	8	2	4
68−6810	Asm. − Gear Box	4	7	1
68−7030	Housing	5	1	1
68−7040	Shaft	5	17	1
68−7050	Shaft	5	19	1
68−7060	Gear	5	18	1
68−7070	Ring − Retaining	5	7	2
68−7080	Gear	5	10	1
68−8340	Decal − Torque	1	19	1
68−8560	Bracket − Gear Box	4	3	2
69−4240	Kit − Seal	11	12	1
69−6260	Magnet	6	5	4
69−6870	Plate − Magnet	6	4	8
69−6960	Spacer − Idler	1	5	2
69−6970	Spacer − Idler	1	9	1
70−2560	Decal − Lube	4	10	1
72−9361	Cup − Anti−Scalp	2	10	3
72−9370	Shim (.020 in.)	5	11	2
74−0342	Cushion − Rubber	4	19	1
75−2080	Kit − Seal	11	4	1
83−4740	Bearing − Roller	8	15	4
85−5760	Asm. − Caster Wheel	8	14	4
85−5860	Pulley − Gear Box	4	16	1
85−6410	Decal − Danger	1	3	3
86−8100	Asm. − Ball Joint	8	29	2
92−1765	Washer − Thrust	8	10	4
92−4088	Decal − Guardian	1	22	1
92−4089	Decal − H.O.C.	8	25	1
92−4092	Decal − Belt Routing	1	20	1
92−5512	Fitting − Hydraulic Straight	10	6	1
92−5571	Asm. − 62 Deck	1	4	1
92−5573	Asm. − Caster Arm, LH	8	11	1
92−5575	Fork − Caster Front	8	20	2
92−5578	Fork − Caster Rear	8	18	2
92−5581	Ring − Retaining	8	8	4
92−5583	Washer − Cap	8	7	4
92−5584	Spring − Compression	8	6	4
92−5588	Belt − V	4	1	1
92−5589	Skid − LH	1	16	1
92−5592	Skid − RH	1	1	1
92−5594	Chamber − Cutting LH	3	2	1
92−5600	Chamber − Cutting Center	3	3	1
92−5602	Chamber − Cutting RH	3	5	1
92−5604	Spindle	2	14	3
92−5606	Spacer − Spindle	2	9	3
92−5607	Pulley	2	3	3
92−5608	Blade	2	13	3
92−5609	Asm. − Gear Box Plate	4	9	1
92−5616	Mount − Ball Joint	8	27	2
92−5618	Cover − LH	6	3	1
92−5618	Cover − LH	7	4	1
92−5619	Cover − RH	7	1	1
92−5619	Cover − RH	6	8	1
92−5620	Cover − Center	6	1	1
92−5620	Cover − Center	7	2	1
92−5623	Asm. − Caster Arm, RH	8	33	1
92−5625	Asm. − Lift Arm, LH	8	31	1
92−5627	Asm. − Lift Arm, RH	8	32	1
92−5634	Spacer − Fuel Pump	10	15	2
92−5635	Bracket − Manifold	10	2	1
92−5636	Tube − Hydraulic	10	21	1
92−5637	Tube − Hydraulic	10	19	1
92−5638	Asm. − Manifold Block	10	3	1
92−5639	Hose − Hydraulic	10	11	1
92−5640	Fitting − Hydraulic Cross	10	*	1
92−5644	Asm. − Gear Box Stand	4	11	1
92−5645	Asm. − Relief Cartridge	11	5	1
92−5646	Asm. − Logic Cartridge	11	13	1
92−5647	Decal − Warning	1	25	1
92−5648	Bushing − Sleeve	8	34	4
92−5816	Bolt − Blade	2	12	3
92−8861	Cap − H.O.C.	8	5	4
92−8862	Asm. − Cap, H.O.C.	9	*	1
92−8866	Spacer	8	9	12
93−4388	Baffle − Side, (Europe)	1	26	2
93−4389	Baffle − Center (Europe)	1	27	1
93−6697	Decal − Lube (Europe)	4	10	1
93−7283	Decal − Danger (Europe)	4	22	1
93−7810	Decal − Warning (Europe)	1	25	1
93−7814	Decal − Warning (Europe)	1	3	3
93−7815	Decal − Danger (Europe)	1	18	2
93−7818	Decal − Torque (Europe)	1	19	1
93−7826	Decal − H.O.C. (Europe)	8	25	1
93−8471	Bushing − Rubber	8	3	2
93−8478	Retainer − Deck, RH	8	37	1
93−8479	Retainer − Deck, LH	8	36	1
93−9325	Bracket − Latch, RH	8	38	1
93−9326	Bracket − Latch, LH	8	35	1
93−9826	Guard − PTO Shaft (Europe)	4	23	1
94−1291	Bushing − Flange	8	22	4
95−3073	Kit − Blade & Belt	2	*	1
95−3073	Kit − Blade & Belt	4	*	1
95−3076	Castor Wheel Set	9	*	1
95−3081	Spindle Assembly	2	*	1
237−22	O−Ring	11	9	1
237−30	O−Ring	11	17	2
237−30	O−Ring	10	18	2
237−42	O−Ring	11	11	1
237−42	O−Ring	10	17	2
237−78	O−Ring	11	6	1
237−78	O−Ring	10	7	1
237−78	O−Ring	11	15	1
237−79	O−Ring	11	2	3
237−79	O−Ring	10	8	1
2412−36	Clamp − Hose	10	10	2
2412−108	Clamp − Hose	10	4	2
253−139	Seal − Oil	2	15	6
302−2	Fitting − Grease	2	1	3
302−5	Fitting − Grease	8	23	6
302−40	Fitting − Grease	8	12	4
304−99	Fitting − Hydraulic 90°	11	16	1
321−24	Screw − HH	10	13	2
323−2	Screw − HH (Europe)	4	20	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
323−4	Screw − Cap Hex. Hd.	4	4	4
324−12	Screw − HH	8	1	4
325−6	Screw − HH	1	8	2
325−22	Screw − HH	8	17	4
3230−18	Bolt − Carriage	3	4	14
3230−22	Bolt − Carriage	4	15	4
3230−23	Bolt − Carriage	3	6	4
3231−1	Bolt − Carriage	1	17	4
3231−10	Bolt − Carriage	1	14	12
3231−26	Bolt − Carriage	4	14	4
3231−27	Bolt − Carriage	2	5	18
3233−30	Bolt − Carriage	1	21	1
3234−5	Screw − Flange	7	3	4
3234−5	Screw − Flange (Europe)	1	28	8
3234−14	Screw − HH	10	1	4
3247−4	Screw − Set	4	17	2
3253−21	Washer − Lock	4	5	4
3253−21	Washer − Lock (Europe)	4	21	2
3256−6	Washer − Flat	9	42	8
3256−24	Washer − Flat	2	6	A/R
3256−55	Washer − Flat	10	14	2
3257−5	Key	5	20	1
3257−5	Key − Woodruff	4	6	1
3269−25	Rivet − Pop	6	2	8
3272−11	Pin − Cotter	1	13	3
3272−12	Pin − Cotter	8	4	2
3290−317	Washer − Wave (Europe)	8	40	2
3296−2	Nut − Lock	6	7	8
3296−33	Nut − Lock (Europe)	8	41	2
32105−1	Screw − HH	6	6	8
32128−13	Nut − Flange Lock	3	1	18
32128−13	Nut − Flange Lock	4	8	4
32128−13	Nut − Flange Lock	10	22	2
32128−19	Nut − Flange Lock	1	2	12
32128−21	Nut − Flange Lock	1	15	4
32128−21	Nut − Lock	2	8	18
32128−21	Nut − Lock	4	12	4
32128−23	Nut − Flange Lock	1	7	2
32128−23	Nut − Flange Lock	8	19	4
32128−42	Nut − Flange Lock	8	28	4
32136−2	Nut − Slotted	8	26	2
32144−11	Screw − HH (Europe)	8	39	4
32146−20	Nut − Lock	2	2	3
32148−7	Nut − Clinch	7	5	4
32148−7	Nut − Clinch (Europe)	1	29	8
340−4	Fitting − Hydraulic Straight	11	18	1
340−5	Fitting − Hydraulic Straight	10	20	1
340−77	Fitting − Hydraulic 90˚	11	10	1
340−98	Fitting − Hydraulic 90˚	11	1	1
340−99	Fitting − Hydraulic 90˚	10	16	1
353−947	Cap − Dust	11	8	1
354−77	Fitting − Diagnostic	11	7	1
354−107	Fitting − Hydraulic Tee	10	12	1
354−120	Fitting − Hydraulic 90˚	11	14	1
354−126	Fitting − Hydraulic 90˚	10	9	1

*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 Groundsmaster 345 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 345, 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 Groundsmaster 345.
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.

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MAINTENANCE RECORD

Date								