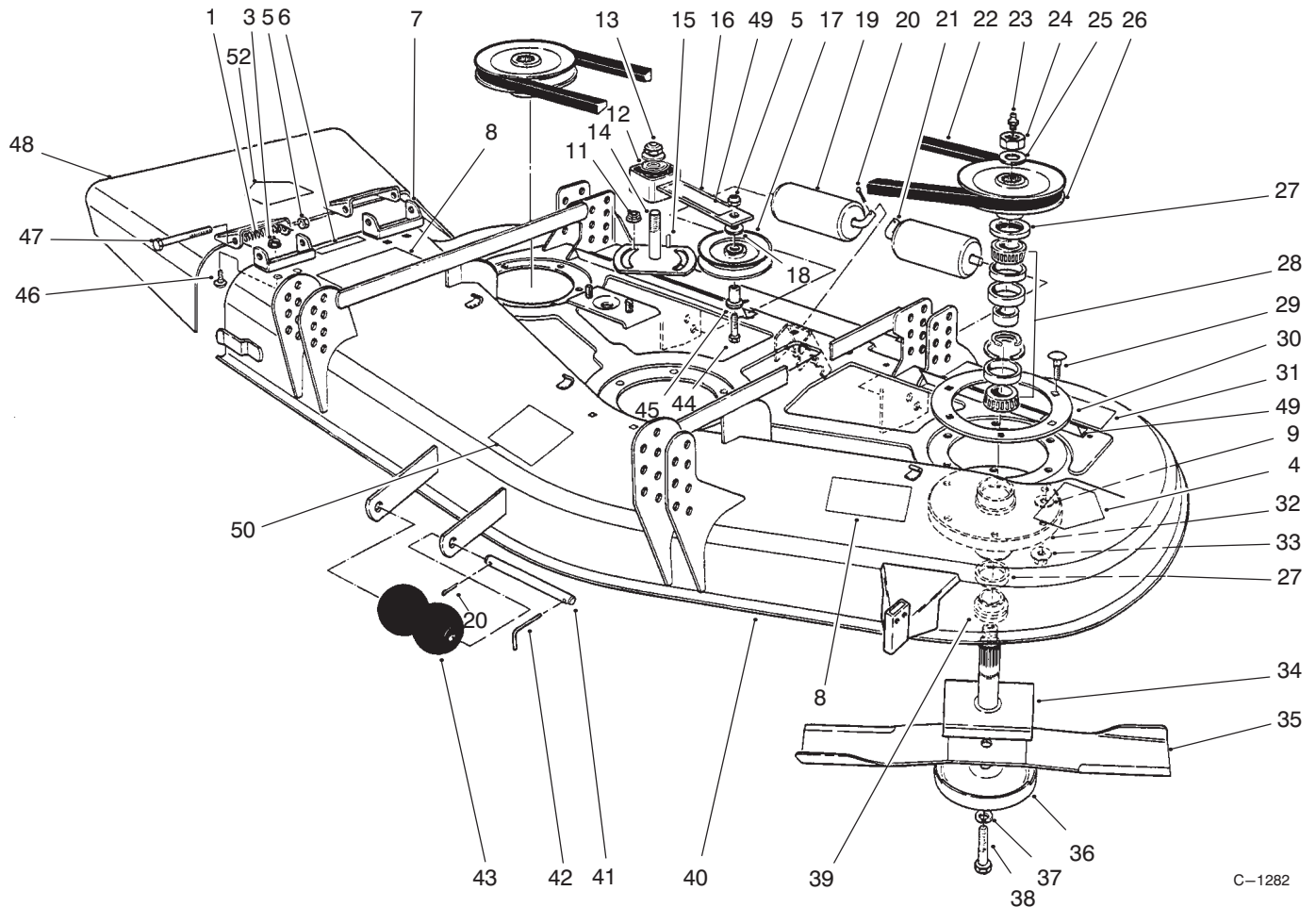


TORO®

MODEL NO. 30652-690001 & UP

PARTS CATALOG

GROUNDMASTER 52" Side Discharge Cutting Unit for 220 GM

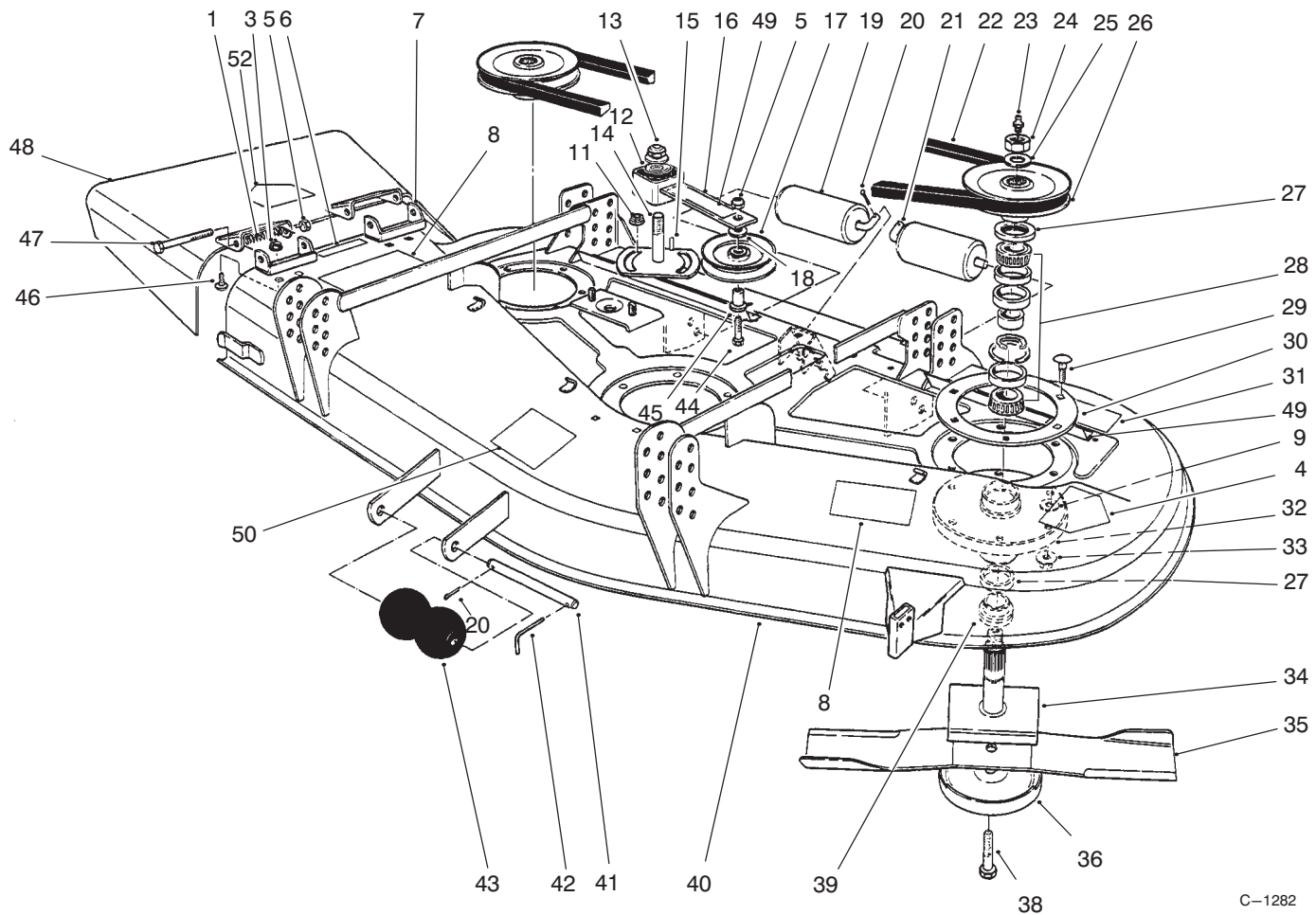


C-1282

DECK AND SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	40-6230	Spring - Torsion	2
3	32128-20	Nut - Lock	4
4	43-8480	Decal - Danger	1
5	3296-5	Nut - Lock	3
6	66-6380	Decal - Deflector Missing	1
7	29-5590	Pivot Bracket - Deflector	2
8	66-1340	Decal - Danger	2
9	3256-24	Washer - Flat	18
11	3290-357	Nut - Flange	2
12	3256-27	Washer - Flat	1
13	3296-33	Nut - Lock	1
14	28-9060	Plate - Idler	1
15	5-1077	Key - Square	1
16	27-8580	Idler Socket	1

Ref. No.	Part No.	Description	No. Used
17	65-5940	Pulley - Idler	1
18	7-0081	Washer - Special	1
19	36-1740	Roller - Deck	2
20	3272-11	Pin - Cotter	3
21	40-0340	Shaft - Rear Roller	2
22	27-1160	V-Belt	1
23	302-2	Fitting - Grease	3
24	32146-20	Nut - Lock	3
25	7-4150	Washer	3
26	27-0970	Pulley	3
27	253-139	Seal - Wave	6
28	46-8530	Assembly - Bearing	3
29	3231-22	Bolt - Carriage	18
30	27-7680	Ring - Deck Support	3



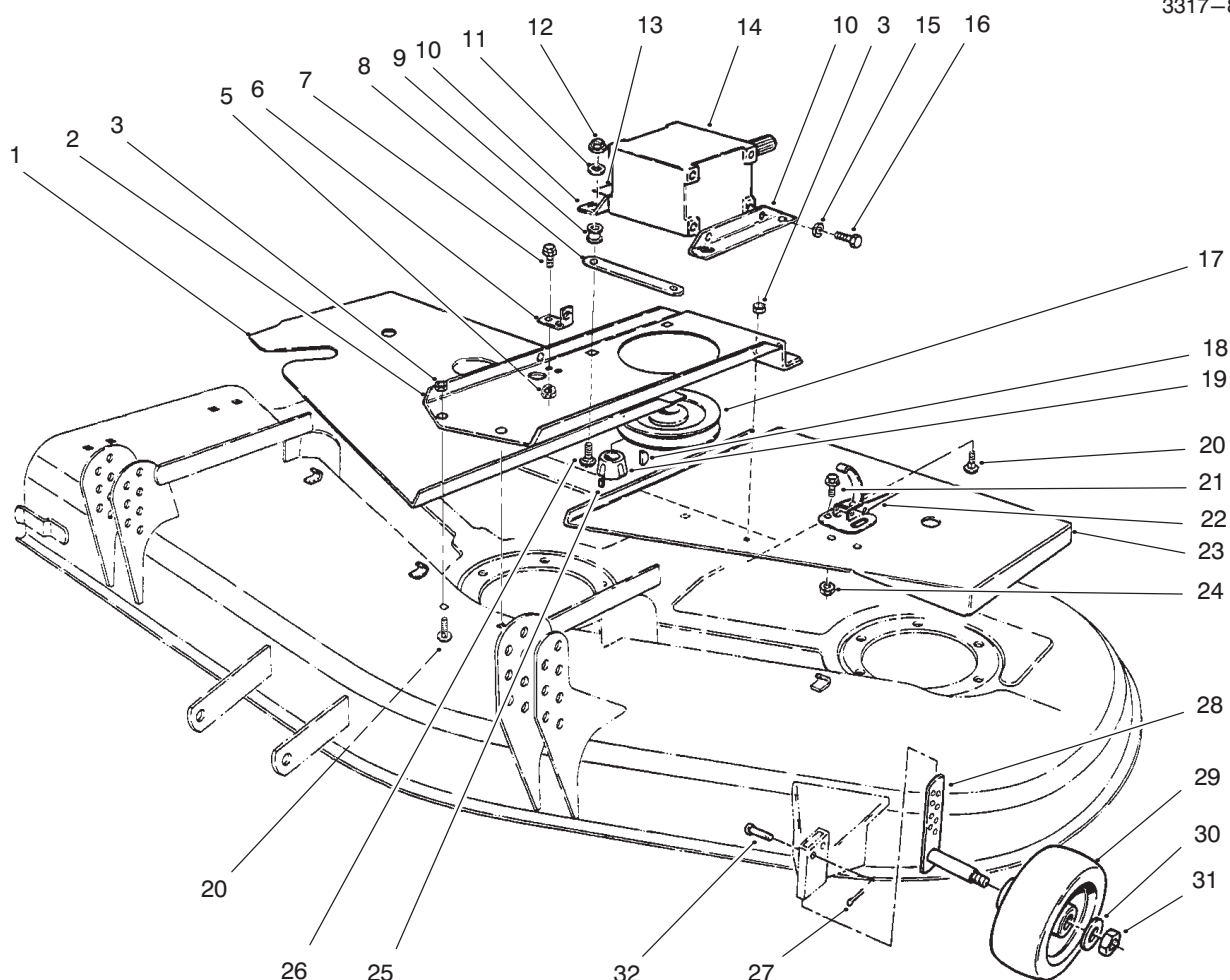
C-1282

DECK AND SPINDLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31	68-8340	Decal - Blade Bolt Torque	1
32	61-4160	Housing - Spindle	3
33	32128-21	Nut - Flange	18
34	27-0920	Spindle - Shaft	3
35	27-0990	Blade	3
36	72-9361	Anti-Scalp Cup	3
38	92-5816	Screw - Blade Bolt	3
39	27-0950	Spacer - Spindle Bearing	3
40	72-9211	Cutting Deck	1
41	40-6400	Shaft - Roller	1
42	57-0690	Pin - Cotter, Special	1
43	29-4820	Roller	2

Ref. No.	Part No.	Description	No. Used
44	3211-8	Screw - Cap Hex. Hd.	1
45	65-5950	Bushing - Pulley	1
46	3230-23	Bolt - Carriage	4
47	3211-15	Screw - Cap Hex. Hd.	2
48	13-3949	Deflector - Grass (Incl. Ref. #52)	1
49	67-5360	Decal - Shield Missing	2
50	51-3960	Decal - 52"	1
52	54-9220	Decal - Danger	1
*	27-0870	Assembly - Spindle (Incl. Ref. #23-28, 32, 34 & 39)	3

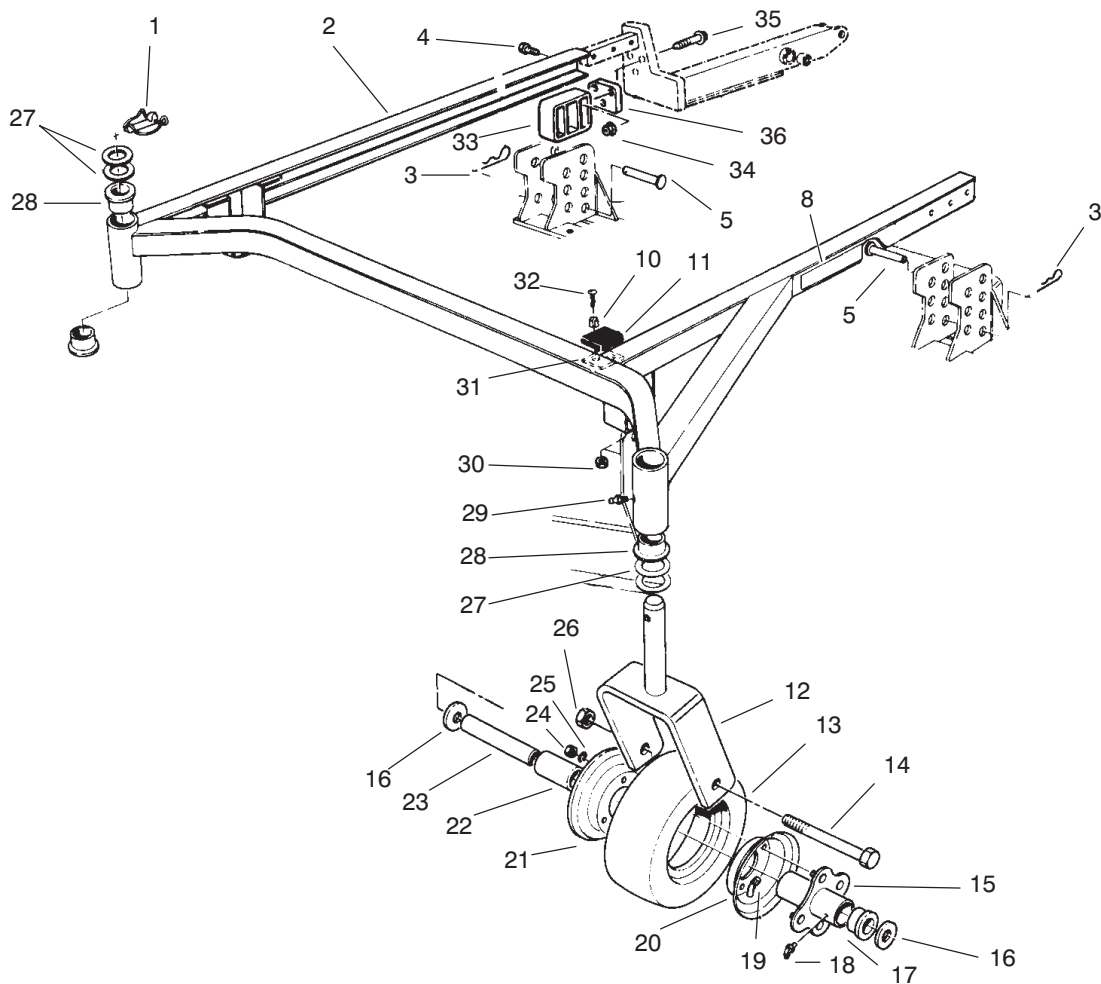
*Not Illustrated



C-1283

COVERS, GEAR BOX AND GAUGE WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	72-9330	Cover R.H.	1	18	3257-5	Key - Woodruff	1
2	72-9230	Base - Gear Box	1	19	27-6140	Bushing - Taper Lock (Incl. Ref. #25)	1
3	3290-357	Nut - Flange	4	20	3231-27	Bolt - Carriage	4
5	32128-20	Nut - Lock	2	21	3290-321	Screw - Machine	6
6	72-9240	Bracket - Extension	1	22	249-21	Latch - Draw	3
7	322-4	Screw - Cap Hex. Hd.	2	23	72-9340	Cover L.H.	1
8	68-9890	Cover - Gear Box	1	24	32128-17	Nut - Flange	6
9	63-9750	ISO Mount - Gear Box	4	25	3245-9	Screw - Set	2
10	68-8560	Bracket - Gear Box	2	26	3231-26	Bolt - Carriage	4
11	63-8410	Washer	4	27	3290-467	Pin - Cotter	1
12	32153-2	Nut	4	28	68-2350	Plate - Gauge Wheel	1
13	70-2560	Decal - Lube	1	29	68-2730	Wheel - Gauge	1
14	68-6810	Assembly - Gear Box	1	30	3256-24	Washer - Flat	1
15	3253-21	Washer - Flat	4	31	3296-39	Nut	1
16	323-4	Screw - Cap Hex. Hd.	4	32	283-2	Pin - Clevis	1
17	63-9900	Pulley - Gear Box	1				

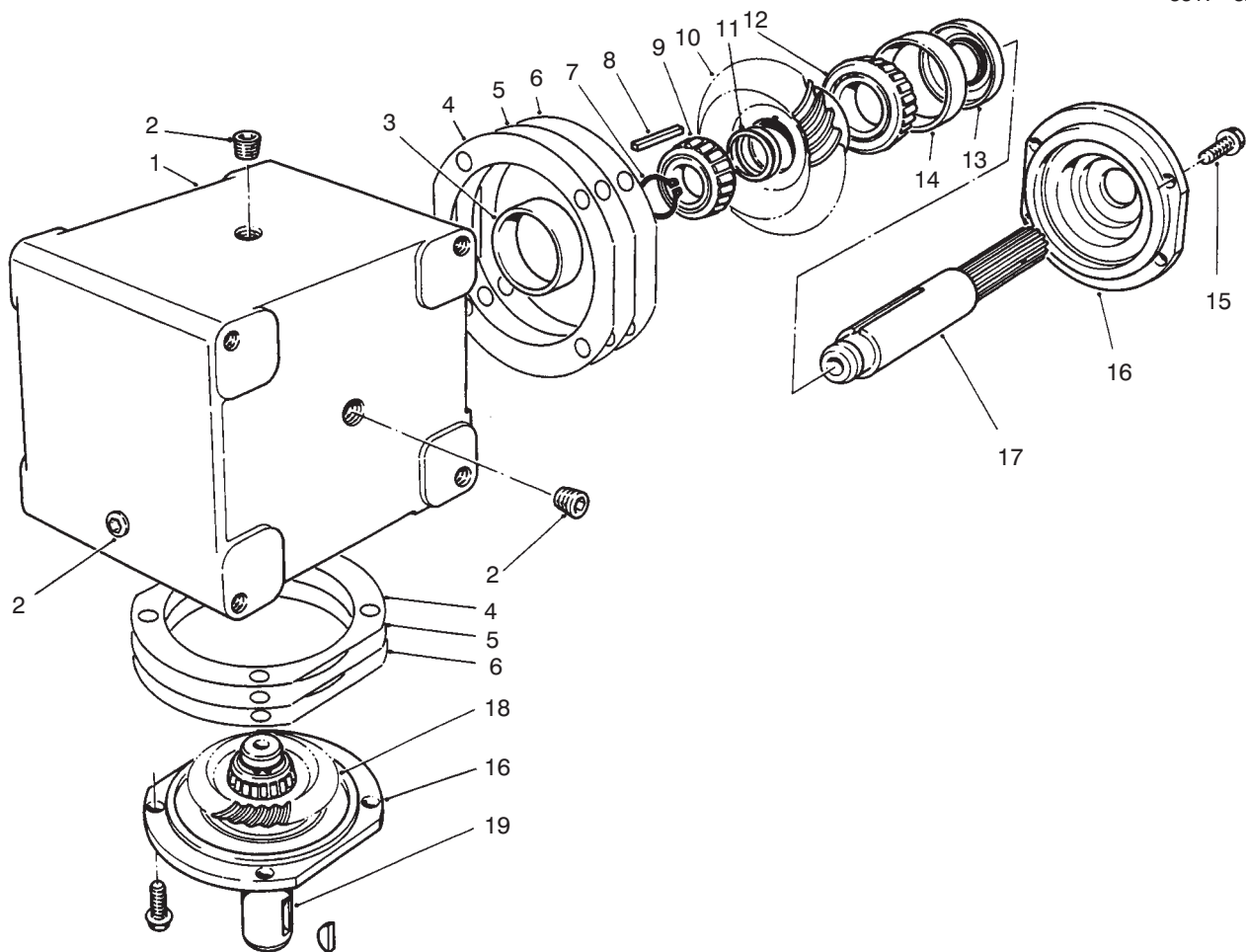


T-1249

CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-384	Pin - Lynch	2	22	62-5570	Bearing - Roller	2
2	83-4550	Frame - Deck Suspension	1	23	68-8980	Bushing - Spanner	2
*		(Incl. Ref. # 28,29)	1	24	3219-2	Nut - Hex.	8
3	3290-355	Pin - Cotter	4	25	3253-4	Washer - Lock	8
4	325-32	Screw - Hex. Hd.	6	26	32153-5	Nut - Lock	2
5	283-55	Pin - Clevis	4	27	3-6781	Washer - Thrust	8
8	68-8360	Decal - H.O.C.	1	28	94-1291	Bushing - Special	4
10	40-9520	Spacer - Split	4	29	302-5	Fitting - Grease	2
11	40-0330	Cushion - Rubber	2	30	3296-2	Nut - Lock	4
12	68-8900	Fork - Castor, Front	2	31	42-6200	Cushion - Shim	A/R
13	68-8960	Tire	2	32	32122-28	Screw - Mach. Truss Hd.	4
14	325-19	Screw - Hex. Hd.	2	33	83-4520	Cradle - Rear	2
15	68-8940	Hub - Center	2	34	32128-40	Nut - Flange	6
16	3256-6	Washer - Thrust	4	35	66-9302	Screw - Flange Hd.	6
17	62-5580	Bushing	4	36	83-4580	Spacer	2
18	302-11	Fitting - Grease	2	*	13-3869	Assembly - Castor Wheel (Incl. Ref. #13, 15, 17-22 & 24-25)	2
19	68-8950	Tube w/Valve	2				
20	68-8920	Wheel Half - Female	2				
21	68-8930	Wheel Half - Male	2				

*Not Illustrated

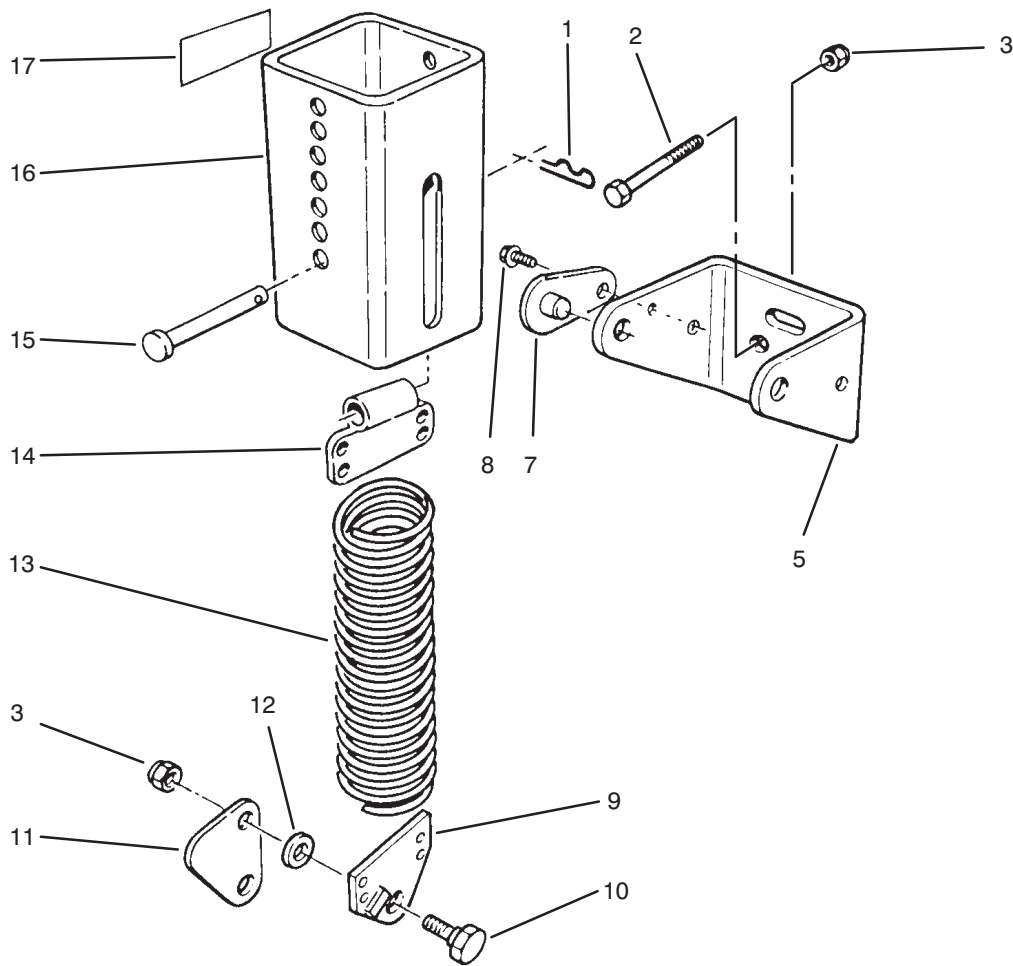


C-2125

GEAR BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-7030	Housing	1	12	62-3330	Cone - Gear	1
2	62-3490	Plug - Pipe (Solid)	4	13	62-3400	Seal	2
3	62-3360	Cup - Bearing	2	14	62-3340	Cup - Bearing	2
4	62-3420	Gasket (.015)	A/R	15	62-3310	Screw - Cap	8
5	62-3430	Gasket (.005)	A/R	16	62-3410	Cap	2
6	62-3440	Gasket (.003)	A/R	17	68-7040	Shaft	1
7	68-7070	Ring - Retaining	2	18	68-7060	Gear	1
8	62-3380	Key	2	19	68-7050	Shaft	1
9	62-3370	Cone - Bearing	2	*	68-6810	Gear Box Assembly (Incl. Ref. #1-19)	1
10	68-7080	Gear	1				
11	72-9370	Shim (.020)	2				

*Not Illustrated



T-1219

COUNTER BALANCE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290-355	Pin - Hair Cotter	1
2	3234-11	Bolt	2
3	3296-44	Nut - Lock	4
5	66-8460	Bracket - Mounting	1
7	70-7920	Assembly - Pin, Lock	2
8	12-3270	Screw - Self Tapping	2
9	66-8420	End - Spring	1
10	46-3380	Bolt - Shoulder	2
11	66-8450	Link - Knee	1

Ref. No.	Part No.	Description	No. Used
12	3256-24	Washer - Flat	2
13	66-8390	Spring - Extension	1
14	70-7940	End - Spring	1
15	283-69	Pin - Clevis	1
16	70-7970	Assembly - Cover, Spring	1
17	55-4300	Decal - Caution	2
*	70-8090	Counter Balance Assembly (Incl. Ref. #1-17)	1

*Not Illustrated

TORO PART NUMBER INDEX

3317-822

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-6781	Washer - Thrust	4 27 8	68-8340	Decal - Blade Bolt Torque	2 31 1
5-1077	Key - Square	1 15 1	68-8360	Decal - H.O.C.	4 8 1
7-0081	Washer - Special	1 18 1	68-8560	Bracket - Gear Box	3 10 2
7-4150	Washer	1 25 3	68-8900	Fork - Castor, Front	4 12 2
12-3270	Screw - Self Tapping	6 8 2	68-8920	Wheel Half - Female	4 20 2
13-3869	Assembly - Castor Wheel	4 * 2	68-8930	Wheel Half - Male	4 21 2
13-3949	Deflector - Grass	2 48 1	68-8940	Hub - Center	4 15 2
27-0870	Assembly - Spindle	2 * 3	68-8950	Tube w/Valve	4 19 2
27-0920	Spindle - Shaft	2 34 3	68-8960	Tire	4 13 2
27-0950	Spacer - Spindle Bearing	2 39 3	68-8980	Bushing - Spanner	4 23 2
27-0970	Pulley	1 26 3	68-9890	Cover - Gear Box	3 8 1
27-0990	Blade	2 35 3	70-2560	Decal - Lube	3 13 1
27-1160	V-Belt	1 22 1	70-7920	Assembly - Pin, Lock	6 7 2
27-6140	Bushing - Taper Lock	3 19 1	70-7940	End - Spring	6 14 1
27-7680	Ring - Deck Support	1 30 3	70-7970	Assembly - Cover, Spring	6 16 1
27-8580	Idler Socket	1 16 1	70-8090	Counter Balance Assembly	6 * 1
28-9060	Plate - Idler	1 14 1	72-9211	Cutting Deck	2 40 1
28-9290	Bushing - Special	4 28 4	72-9230	Base - Gear Box	3 2 1
29-4820	Roller	2 43 2	72-9240	Bracket - Extension	3 6 1
29-5590	Pivot Bracket - Deflector	1 7 2	72-9330	Cover R.H.	3 1 1
36-1740	Roller - Deck	1 19 2	72-9340	Cover L.H.	3 23 1
40-0330	Cushion - Rubber	4 11 2	72-9361	Anti-Scalp Cup	2 36 3
40-0340	Shaft - Rear Roller	1 21 2	72-9370	Shim (.020)	5 11 2
40-6230	Spring - Torsion	1 1 2	83-4520	Cradle - Rear	4 33 2
40-6400	Shaft - Roller	2 41 1	83-4550	Frame - Deck Suspension	4 2 1
40-9520	Spacer - Split	4 10 4	83-4580	Spacer	4 36 2
42-6200	Cushion - Shim	4 31 A/R	92-5816	Screw - Blade Bolt	2 38 3
43-8480	Decal - Danger	1 4 1	249-21	Latch - Draw	3 22 3
46-3380	Bolt - Shoulder	6 10 2	253-139	Seal - Wave	1 27 6
46-8530	Assembly - Bearing	1 28 3	283-2	Pin - Clevis	3 32 1
51-3960	Decal - 52	2 50 1	283-55	Pin - Clevis	4 5 4
54-9220	Decal - Danger	2 52 1	283-69	Pin - Clevis	6 15 1
55-4300	Decal - Caution	6 17 2	302-2	Fitting - Grease	1 23 3
57-0690	Pin - Cotter, Special	2 42 1	302-5	Fitting - Grease	4 29 2
61-4160	Housing - Spindle	2 32 3	302-11	Fitting - Grease	4 18 2
62-3310	Screw - Cap	5 15 8	322-4	Screw - Cap Hex. Hd.	3 7 2
62-3330	Cone - Gear	5 12 1	323-4	Screw - Cap Hex. Hd.	3 16 4
62-3340	Cup - Bearing	5 14 2	325-19	Screw - Hex. Hd.	4 14 2
62-3360	Cup - Bearing	5 3 2	325-32	Screw - Hex. Hd.	4 4 6
62-3370	Cone - Bearing	5 9 2	3211-8	Screw - Cap Hex. Hd.	2 44 1
62-3380	Key	5 8 2	3211-15	Screw - Cap Hex. Hd.	2 47 2
62-3400	Seal	5 13 2	3219-2	Nut - Hex.	4 24 8
62-3410	Cap	5 16 2	3230-23	Bolt - Carriage	2 46 4
62-3420	Gasket (.015)	5 4 A/R	3231-22	Bolt - Carriage	1 29 18
62-3430	Gasket (.005)	5 5 A/R	3231-26	Bolt - Carriage	3 26 4
62-3440	Gasket (.003)	5 6 A/R	3231-27	Bolt - Carriage	3 20 4
62-3490	Plug - Pipe (Solid)	5 2 4	3234-11	Bolt	6 2 2
62-5570	Bearing - Roller	4 22 2	3245-9	Screw - Set	3 25 2
62-5580	Bushing	4 17 4	3253-4	Washer - Lock	4 25 8
63-8410	Washer	3 11 4	3253-21	Washer - Flat	3 15 4
63-9750	ISO Mount - Gear Box	3 9 4	3253-27	Washer - Lock	2 37 3
63-9900	Pulley - Gear Box	3 17 1	3256-6	Washer - Thrust	4 16 4
65-5940	Pulley - Idler	1 17 1	3256-24	Washer - Flat	1 9 18
65-5950	Bushing - Pulley	2 45 1	3256-24	Washer - Flat	6 12 2
66-1340	Decal - Danger	1 8 2	3256-24	Washer - Flat	3 30 1
66-6380	Decal - Deflector Missing	1 6 1	3256-27	Washer - Flat	1 12 1
66-8390	Spring - Extension	6 13 1	3257-5	Key - Woodruff	3 18 1
66-8420	End - Spring	6 9 1	3272-11	Pin - Cotter	1 20 3
66-8450	Link - Knee	6 11 1	3290-321	Screw - Machine	3 21 6
66-8460	Bracket - Mounting	6 5 1	3290-355	Pin - Cotter	4 3 4
66-9302	Screw - Flange Hd.	4 35 6	3290-355	Pin - Hair Cotter	6 1 1
67-5360	Decal - Shield Missing	2 49 2	3290-357	Nut - Flange	3 3 4
68-2350	Plate - Gauge Wheel	3 28 1	3290-357	Nut - Flange	1 11 2
68-2730	Wheel - Gauge	3 29 1	3290-384	Pin - Lynch	4 1 2
68-6810	Assembly - Gear Box	3 14 1	3290-467	Pin - Cotter	3 27 1
68-6810	Gear Box Assembly	5 * 1	3296-2	Nut - Lock	4 30 4
68-7030	Housing	5 1 1	3296-5	Nut - Lock	1 5 3
68-7040	Shaft	5 17 1	3296-33	Nut -Lock	1 13 1
68-7050	Shaft	5 19 1	3296-39	Nut	3 31 1
68-7060	Gear	5 18 1	3296-44	Nut - Lock	6 3 4
68-7070	Ring - Retaining	5 7 2	32122-28	Screw - Mach. Truss Hd.	4 32 4
68-7080	Gear	5 10 1	32128-17	Nut - Flange	3 24 6

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
32128-20	Nut - Lock	1 3 4			
32128-20	Nut - Lock	3 5 2			
32128-21	Nut - Flange	2 33 18			
32128-40	Nut - Flange	4 34 6			
32146-20	Nut - Lock	1 24 3			
32153-2	Nut	3 12 4			
32153-5	Nut - Lock	4 26 2			
			OPTIONAL EQUIPMENT		
			52" Baffle Kit	Part No. 68-7210	
			High Sail Blade	Part No. 44-5480	
			Blower Kit	Model No. 30502	
			Bagger Kit	Model No. 30504	
			Recycler Kit	Model No. 59225	