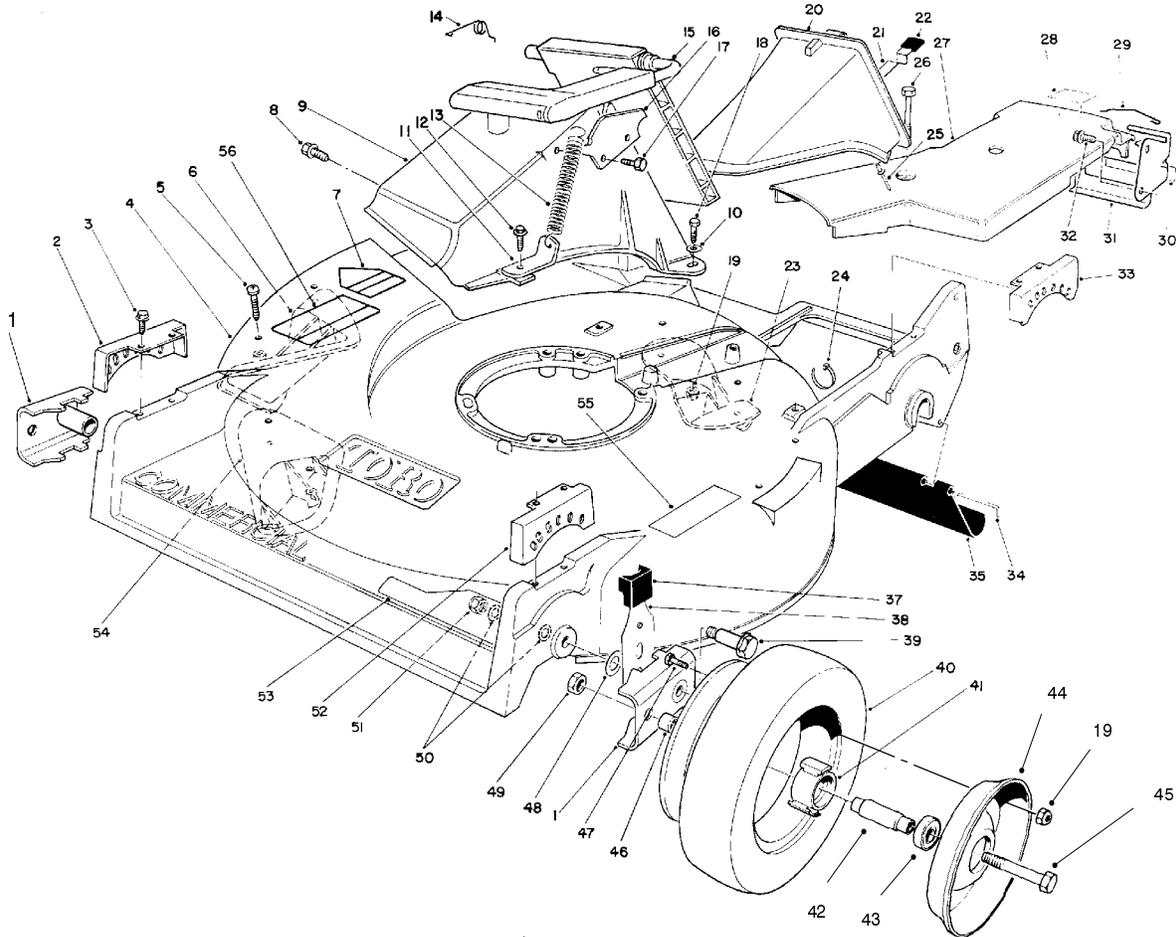




MODEL NO. 22040-490001 -  
590001 & UP

PARTS  
CATALOG

**PROLINE 21''**  
**RECYCLER® Mower**



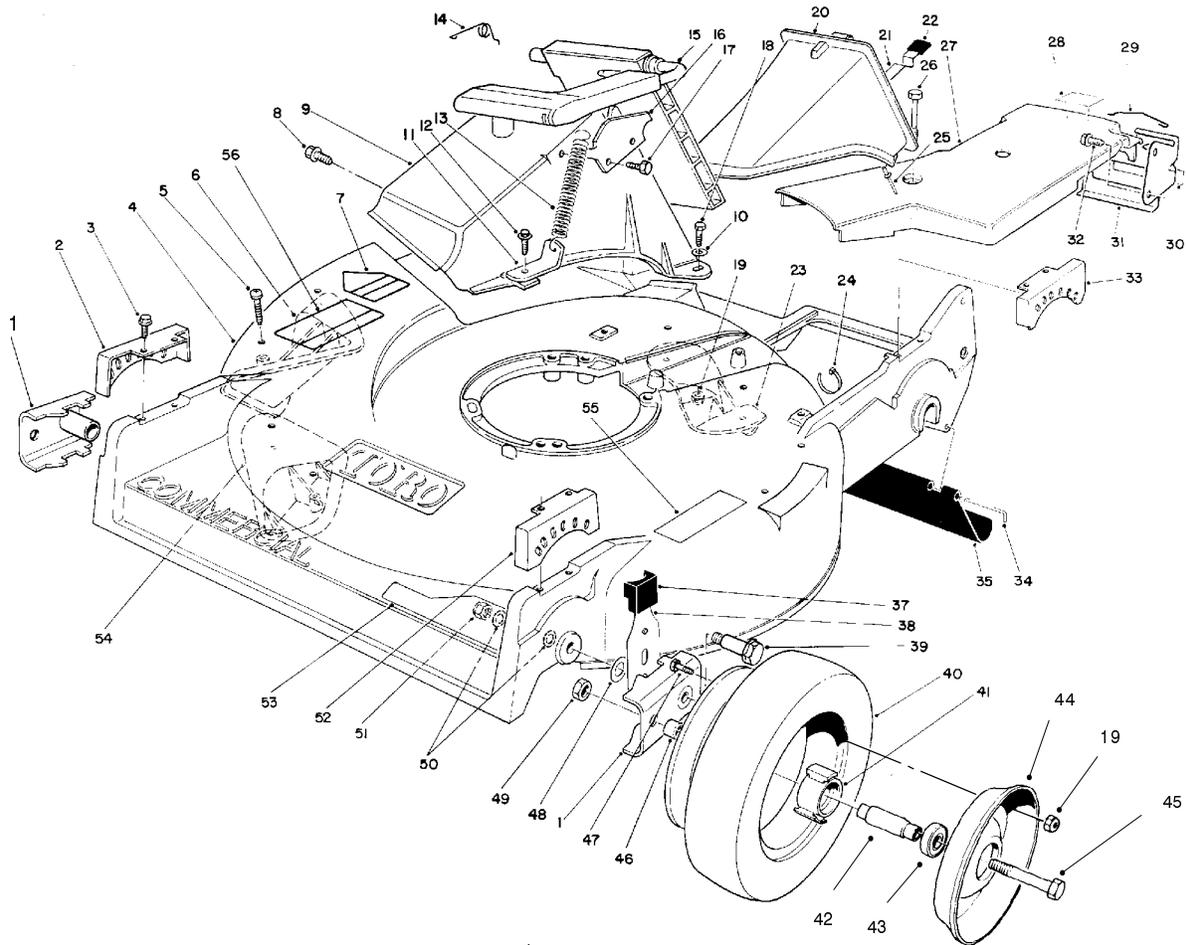
C-0660A

**HOUSING ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	61-8300	Pivot Arm Assembly	2
2	49-8770	Quadrant - Front R.H.	1
3	49-2040	Screw - Thread Forming	8
4	14-9499	Housing - Commercial (Incl. Ref. # 5-7, 23, & 54-56)	1
5	32144-111	Screw - Pan Hd.	6
6	92-1730	Kicker	1
7	39-5770	Decal - Danger	1
8	46-6810	Screw - Thread Forming	1
9	82-9150	Chute - Discharge	1
10	3256-22	Washer - Flat	2
11	71-9350	Bracket - Spring	1
12	46-6811	Screw - Thread Forming	1
13	76-4660	Spring	1
14	80-3770	Retainer - Door	1
15	77-0200	Door Assembly	1
16	76-4570	Plate - Latch	1
17	46-8090	Screw - Self Tapping	2

Ref. No.	Part No.	Description	No. Used
18	321-7	Screw - Hex Hd. Cap	2
19	3296-42	Nut - Lock	10
20	77-0500	Plug - Discharge (Incl. Ref. #21, 22, & 25)	1
21	76-4640	Latch - Plug	1
22	76-4650	Grip - Latch	1
23	92-1750	Kicker	1
24	3290-378	Tie - Cable	1
25	3295-35	Rivet	1
26	37-7260	Screw - Special	2
27	74-1770	Cover - Belt	1
28	52-2620	Label - Grease	1
29	46-7030	Retainer - Cable	1
30	74-1970	Decal - Traction Drive	1
31	74-1741	Bracket - Traction Adj.	1
32	32144-70	Screw - Thread Forming	1
33	49-8740	Quadrant - Rear L.H.	1
*	49-8750	Quadrant - Rear R.H.	1
34	33-3208	Rod - Shield	1

\*Not Illustrated

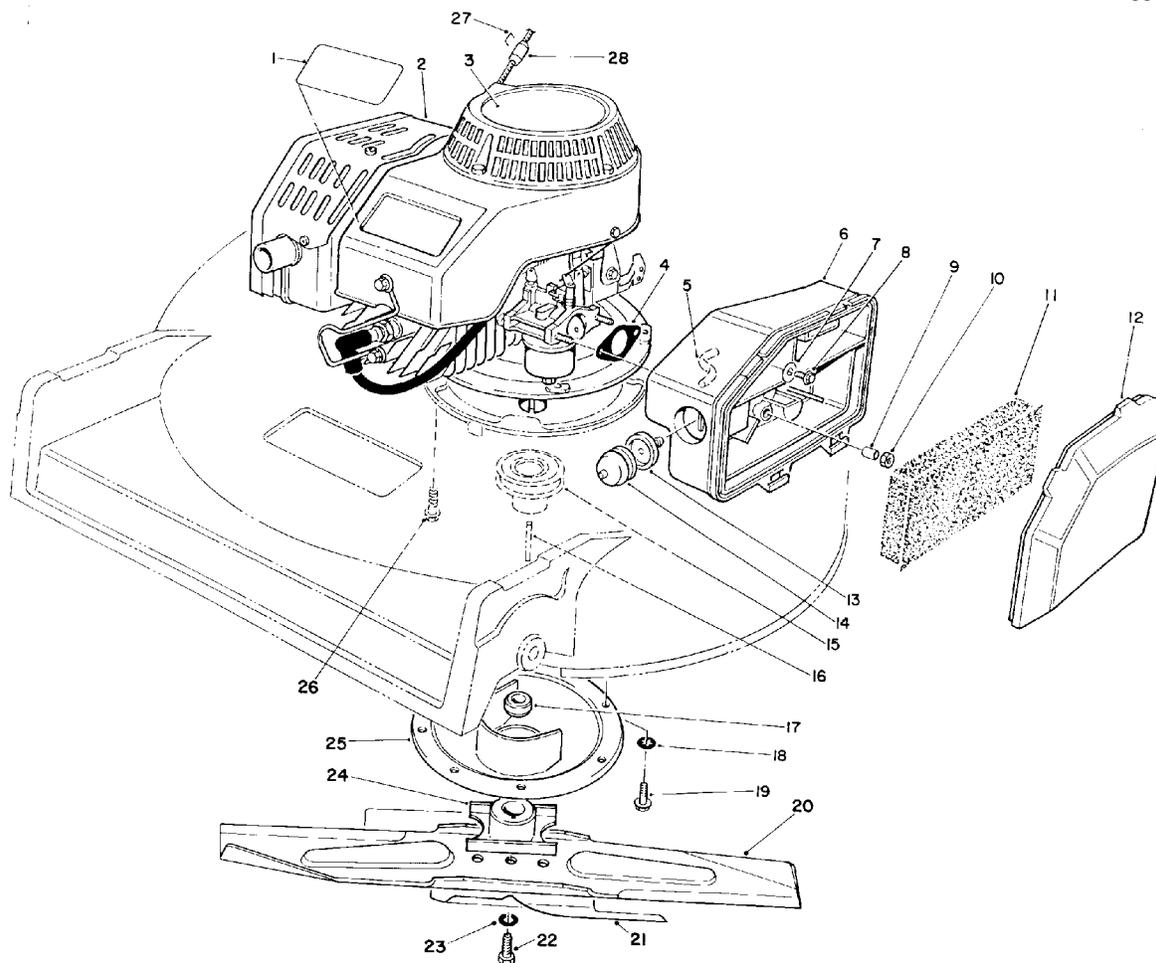


C-0660A

## HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
35	44-0580	Shield - Rear Safety	1	48	257-3	Washer - Pivot	2
37	25-7740	Knob - Arm	2	49	32152-2	Nut - Lock	2
38	66-7560	Spring Arm Ass'y - Front	2	50	40-1940	Washer - Hardened	4
39	27-6232	Screw - Pivot	2	51	3296-6	Nut - Lock	2
40	53-7740	Tire	2	52	49-8760	Quadrant - Front L.H.	1
41	52-2410	Hub	2	53	92-1796	Decal - Recycler	1
42	52-2440	Spacer - Bearing	2	54	92-1720	Kicker	1
43	52-2450	Bearing - Wheel	4	55	71-1280	Decal - Safety Instructions	1
44	53-7780	Plate - Wheel Half	4	56	71-9370	Decal - Danger Covers	1
45	323-12	Screw - Hex Hd. Cap	2	*	53-7720	Wheel & Tire Assembly (Incl. Ref. #19, 40, 41, 44, & 47)	2
46	52-2480	Spacer - Wheel	2				
47	321-2	Screw - Hex Hd. Cap	8				

\*Not Illustrated

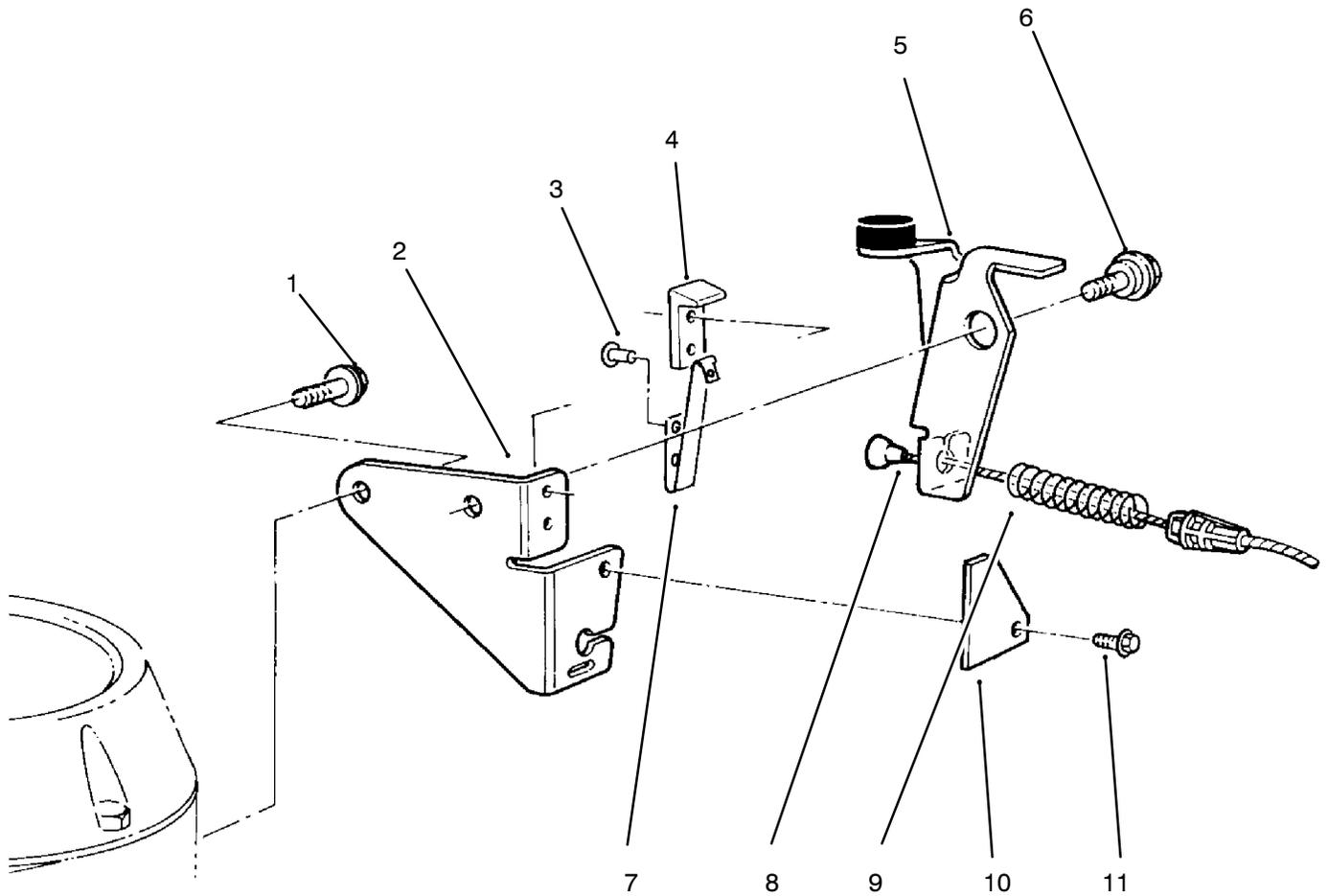


C-0661

## ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	71-1260	Decal - Pro Line	1	15	46-7910	Pulley - Driver	1
2	61-8062	Engine - Complete	1	16	27-6300	Key - Square	1
3	77-0040	Decal - Recoil	1	17	52-2190	Spacer - Retainer, Blade	1
4	81-0090	Gasket	1	18	3254-6	Washer - Internal Tooth	3
5	44-3172	Hose - Primer	1	19	32144-70	Screw - Thread Forming	3
6	63-9330	Body - Air Cleaner	1	20	14-9419	Blade	1
7	3256-16	Washer	1	21	92-1599	Stiffener - Blade	1
8	51-2690	Screw - Hex. Flange Hd.	1	22	26-0670	Screw - Blade	1
9	62-3980	Sleeve	2	23	3253-22	Washer - Lock	1
10	50-7180	Nut - Lock	2	24	52-2170	Retainer - Blade	1
11	63-9380	Filter - Foam	1	25	65-5860	Protector - Crankshaft	1
12	63-9340	Cover - Air Cleaner	1	26	66-9300	Screw - Hex. Flange Hd.	4
13	44-2750	Body - Primer	1	†27		Staple	1
14	66-7460	Bulb - Primer	1	28	47-2480	Stop - Recoil	1

†Obtain Locally



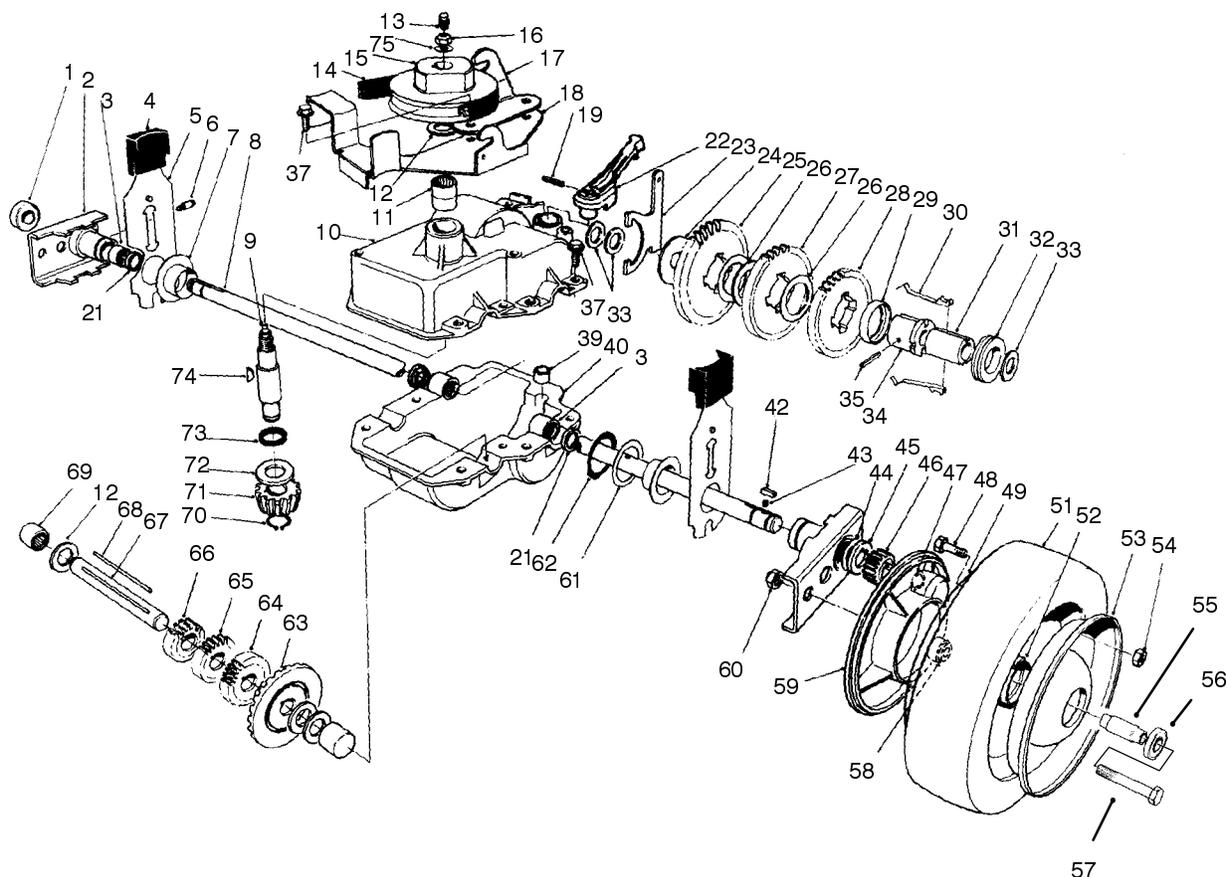
C-0531

## BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144-10	Screw - Self Tapping	1
2	84-7820	Plate - Mounting	1
3	3290-459	Rivet	2
4	77-5260	Strap - Insulation	1
5	66-5380	Brake Plate Assembly	1
6	92-9698	Screw - Shoulder, Metric	1
7	60-9010	Strap - Ground	1

Ref. No.	Part No.	Description	No. Used
8	85-6903	Cable - Brake	1
9	66-5370	Spring - Compression	1
10	53-4690	Stop - Ground Strap	1
11	32144-112	Screw - Self Tapping	1
*	14-6009	Mounting Plate Assembly (Incl. Ref. #2-4 & 7)	1

\*Not Illustrated

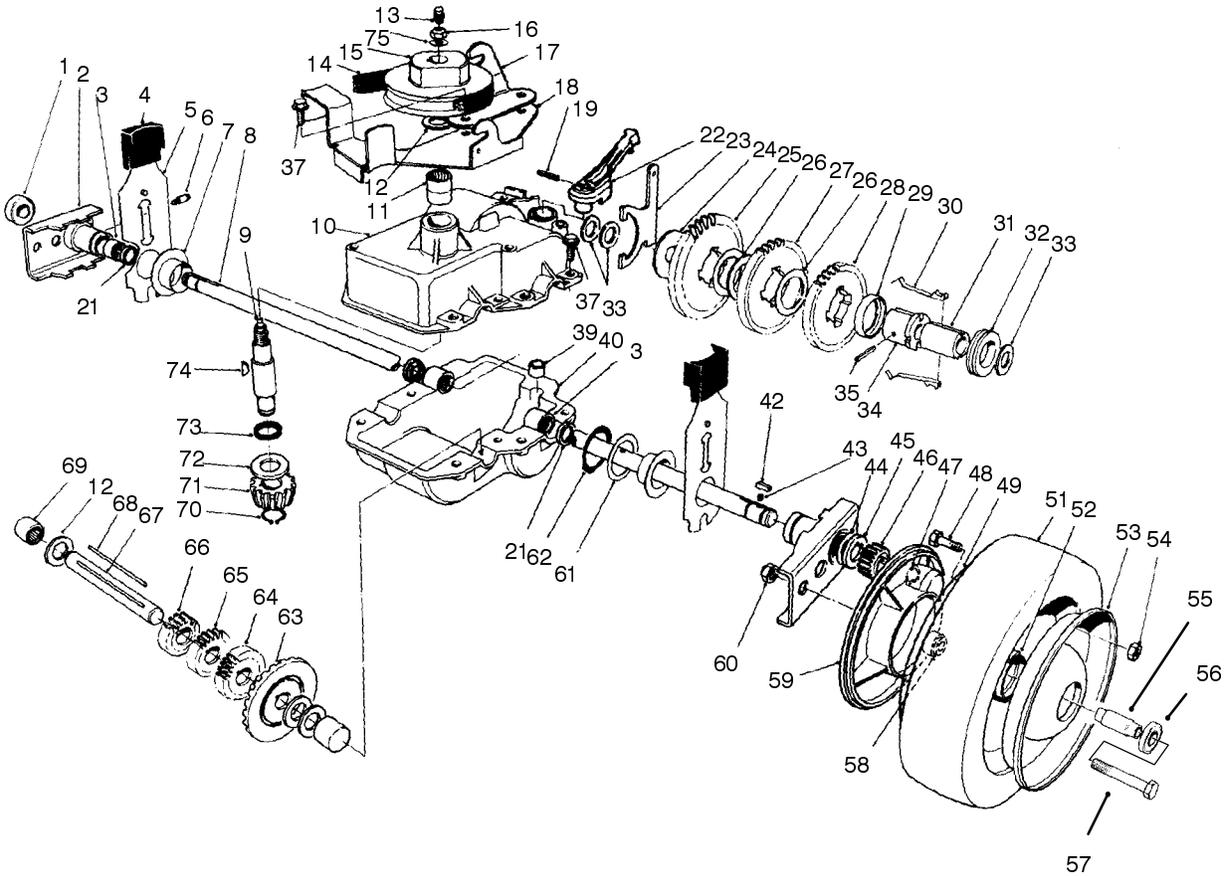


T-0678A

## GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	52-2450	Bearing	2
2	74-1851	Pivot Arm Assembly (Incl. Ref. #1, 3, 6 & 21)	2
3	48-2060	Bearing - Needle	4
4	25-7740	Knob - Arm	2
5	66-7561	Spring Arm Assy. - Rear	2
6	92-6316	Fitting - Grease	2
7	48-2170	Cap - End	2
8	74-1890	Shaft - Output	1
9	13-5149	Shaft - Input (Incl Ref. #13)	1
10	13-9739	Upper Case Assembly (Incl. Ref. #11 & 73)	1
11	47-7270	Bearing - Needle	2
12	36-4792	Washer - Thrust	4
13	302-63	Fitting - Grease	1
14	36-8070	V-Belt	1
15	39-6740	Pulley	1
16	3296-5	Nut - Lock	1
17	74-1750	Bracket - Traction, Engage	1
18	49-8461	Bracket - Guide, Belt	1
19	32121-99	Pin - Roll	1
21	47-6730	Seal	4

Ref. No.	Part No.	Description	No. Used
22	74-1960	Lever - Shift	1
23	60-8870	Yoke - Shift	1
24	29-9690	Washer - Flat	1
25	46-3560	Gear - 52T	1
26	36-4770	Spacer - Gear	3
27	29-9271	Gear - 42T	1
28	42-4740	Gear - 38T	1
29	55-8020	Retainer - Key	1
30	29-9330	Key - Shift	2
31	39-6720	Sleeve	1
32	29-9340	Collar - Shift	1
33	36-4780	Washer - Flat	3
34	55-8010	Sleeve - Gear	1
35	3285-19	Pin - Groove	1
37	49-2040	Screw - Self Tapping	6
39	29-9570	Bushing - Yoke	1
40	74-1920	Case - Lower	1
42	612066	Key	2
43	39-9650	Spring	2
44	49-7700	Washer - Thrust, Keyed	2
45	62-3830	Washer - Thrust, Keyed	2
46	39-9160	Pinion	2
47	32151-68	Ring - Klip	4



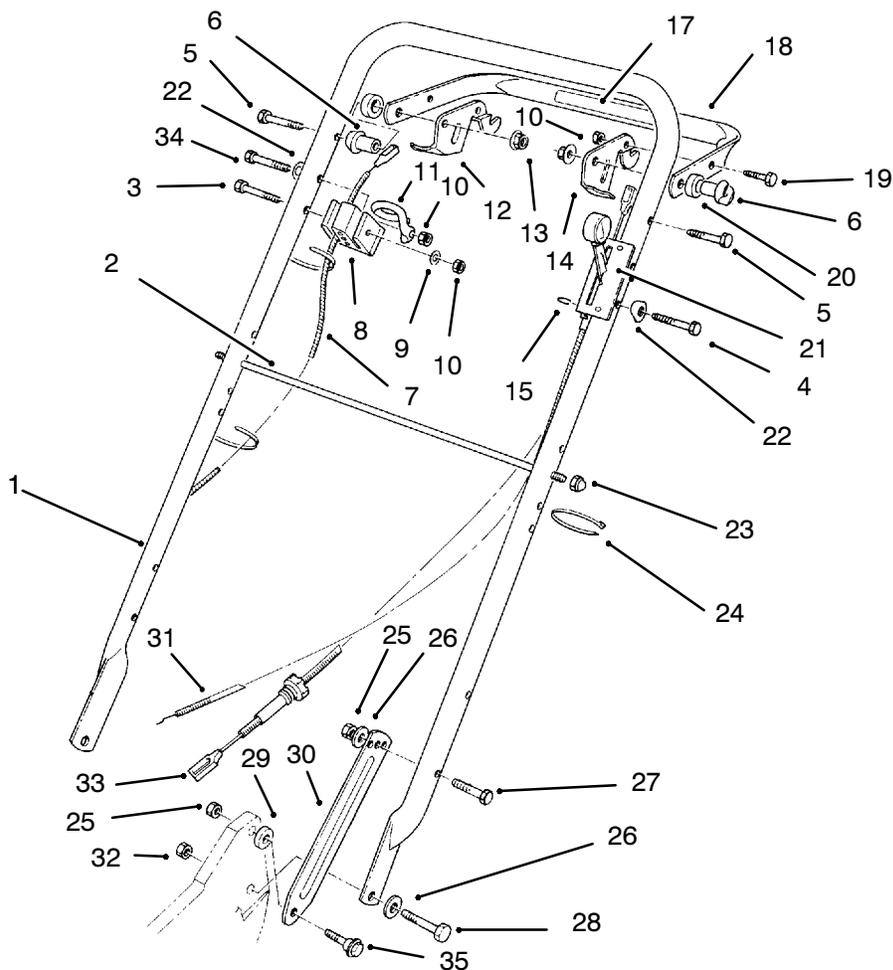
T-0678A

## GEAR CASE ASSEMBLY(Continued)

Ref. No.	Part No.	Description	No. Used
48	321-2	Screw - Cap, Hex. Hd.	8
49	92-4957	Wheel - Half & Gear	2
51	53-7740	Tire	2
52	52-2410	Hub	2
53	53-7780	Plate - Wheel Half	2
54	3296-42	Nut - Lock	8
55	52-2440	Spacer - Bearing	2
56	52-2450	Bearing - Wheel	4
57	323-13	Screw - Cap, Hex. Hd.	2
58	74-1650	Spacer - Wheel	2
59	74-1640	Cover - Wheel	2
60	32152-2	Nut - Lock	2
61	74-1810	Washer	2
62	32151-36	Ring - Retaining	2
63	74-1760	Gear - Bevel	1
64	39-6650	Gear - 18T	1

Ref. No.	Part No.	Description	No. Used
65	46-3550	Gear - 14T	1
66	46-3540	Gear - 12T	1
67	53-7950	Shaft - Intermediate	1
68	39-7842	Key - Square	1
69	252-103	Bearing - Closed	2
70	32151-57	Ring - Retaining	1
71	39-6660	Pinion - Bevel	1
72	47-2910	Washer - Thrust	1
73	47-7260	Seal	1
74	3257-1	Key - Woodruff	2
75	3256-45	Washer - Flat	1
*	74-1861	Gear Case Assembly (Incl. Ref. #3, 8-13, 15-16, 21, 23-40 & 63-74)	1
*	74-1720	Wheel & Tire Assembly (Incl. Ref. #48-49 & 51-56)	2

\*Not Illustrated



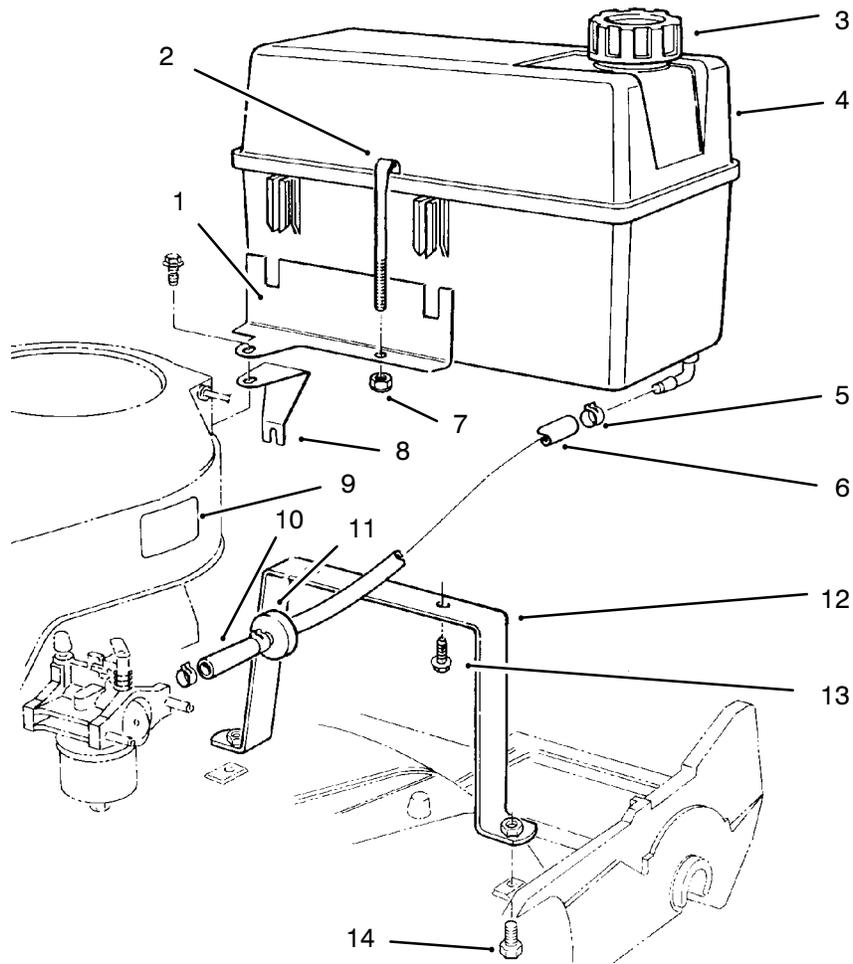
C-0662

## HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-1586	Handle	1
2	48-2810	Rod - Bag Support	1
3	321-15	Screw - Hex Hd. Cap	1
4	321-13	Screw - Hex Hd. Cap	2
5	322-10	Screw - Hex Hd. Cap	2
6	49-1630	Support - Spacer	2
7	85-6903	Cable - Brake	1
8	46-6980	Support - Cable	1
9	3256-22	Washer - Flat	1
10	3296-42	Nut - Lock	4
11	46-8081	Guide - Rope	1
12	77-5270	Lever - Control	1
13	3296-58	Nut - Lock	2
14	66-5350	Lever - Control	1
15	32151-86	E-Ring	2
17	82-2380	Decal - Traction Control	1
18	61-8270	Bar - Control	1
19	321-4	Screw - Hex Hd. Cap	2

Ref. No.	Part No.	Description	No. Used
20	256-276	Spacer	2
21	82-9950	Bracket - Control Throttle	1
22	3-7501	Washer - Curved	4
23	32111-7	Nut - Acorn	2
24	3290-378	Tie - Cable	3
25	3296-29	Nut - Lock	4
26	3290-456	Washer - Flat	4
27	322-7	Screw - Hex Hd. Cap	2
28	322-6	Screw - Hex Hd. Cap	2
29	3-3287	Spacer	2
30	84-8361	Latch - Handle - L.H.	1
*	84-8401	Latch - Handle - R.H.	1
31	70-1061	Cable - Throttle	1
32	3296-47	Nut - Lock	2
33	74-1791	Cable - Traction	1
34	321-9	Screw - Hex Hd. Cap	1
35	27-7210	Screw - Shoulder	2

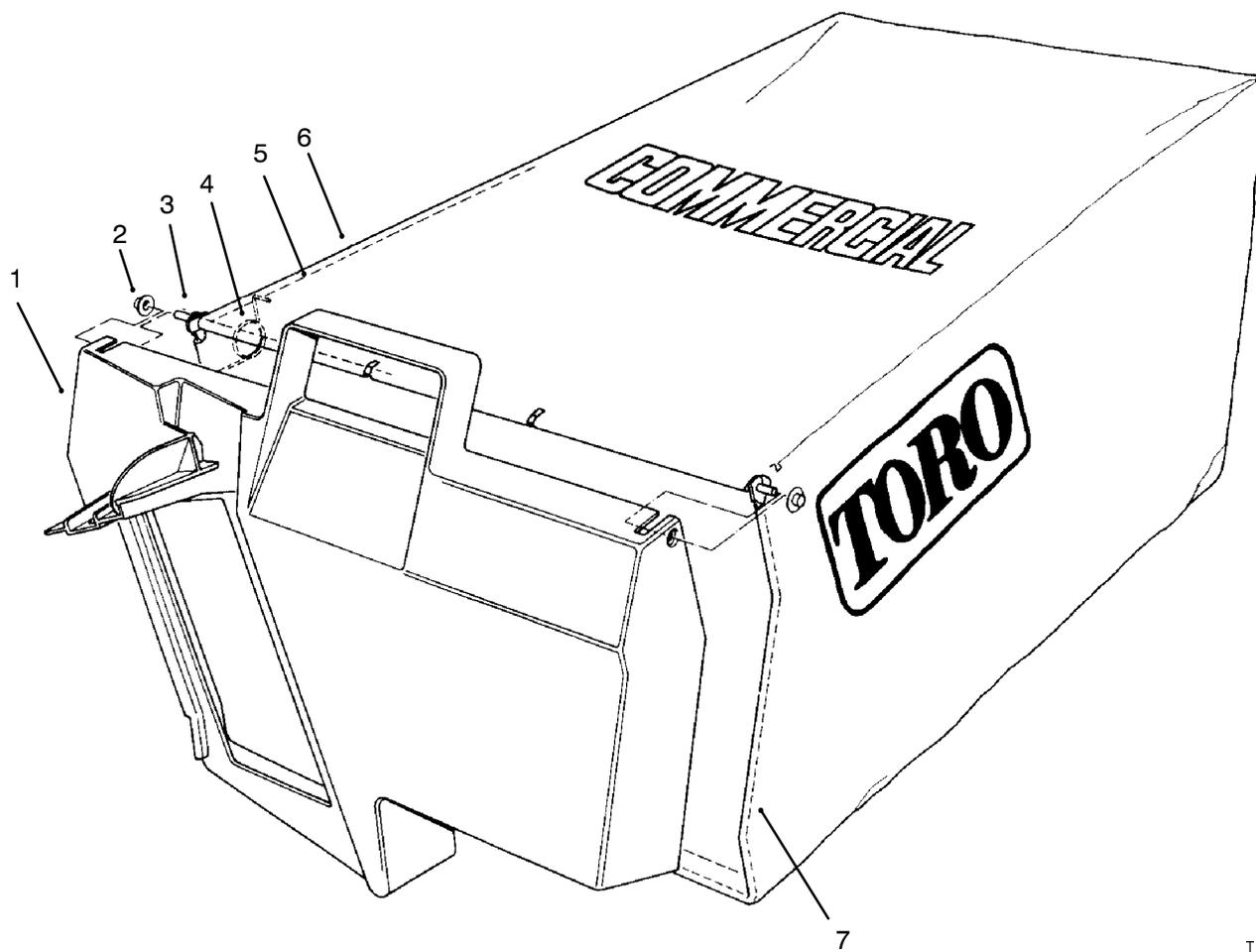
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C-1019

## GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-2110	Bracket - Tank	1	8	77-0520	Support - Bracket	1
2	77-2840	Retainer - Tank, Fuel	1	9	62-7600	Decal - Fuel	1
3	55-3575	Cap - Gas	1	10	51-3211	Hose - Fuel	1
4	82-8460	Tank - Gas	1	11	71-9280	Filter - Fuel	1
5	2412-95	Clamp - Fuel Line	4	12	84-9160	Mount - Tank, Bottom	1
6	51-3214	Hose - Fuel	1	13	46-8091	Screw - Hex. Washer Hd.	2
7	3296-42	Nut - Lock	1	14	323-6	Screw - Cap, Hex. Hd.	2

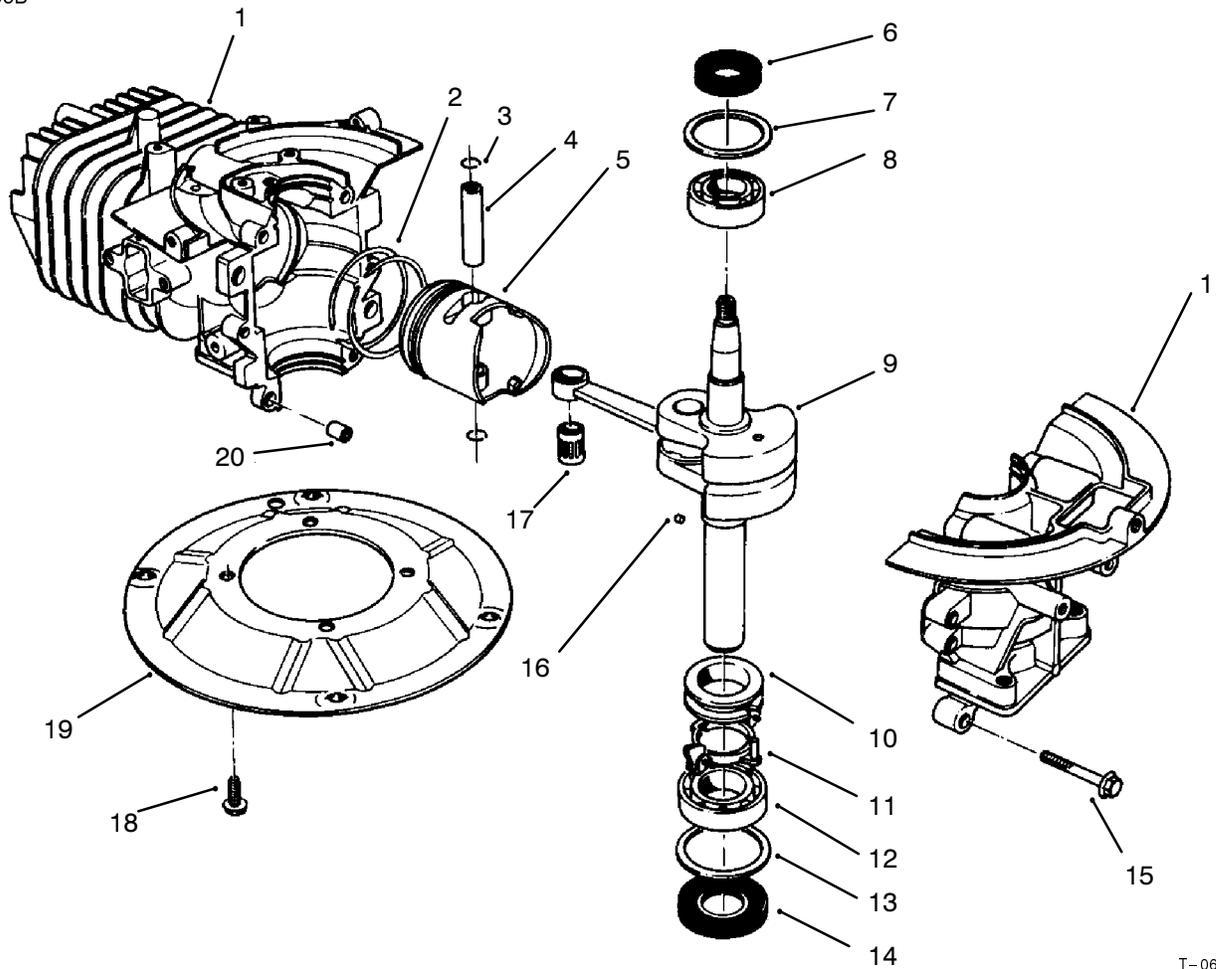


T-1100

## GRASS BAG ASSEMBLY No. 11-5609

Ref. No.	Part No.	Description	No. Used
1	48-2840	Door - Bag, Grass	1
2	3290-422	Nut - Push, Washer Cap	2
3	33-4820	Hinge - Door, Bag	1
4	36-6910	Spring	2

Ref. No.	Part No.	Description	No. Used
5	42-4030	Frame - Bag, Upper	1
6	8-2759	Bag - Grass	1
7	42-4020	Frame - Bag	1



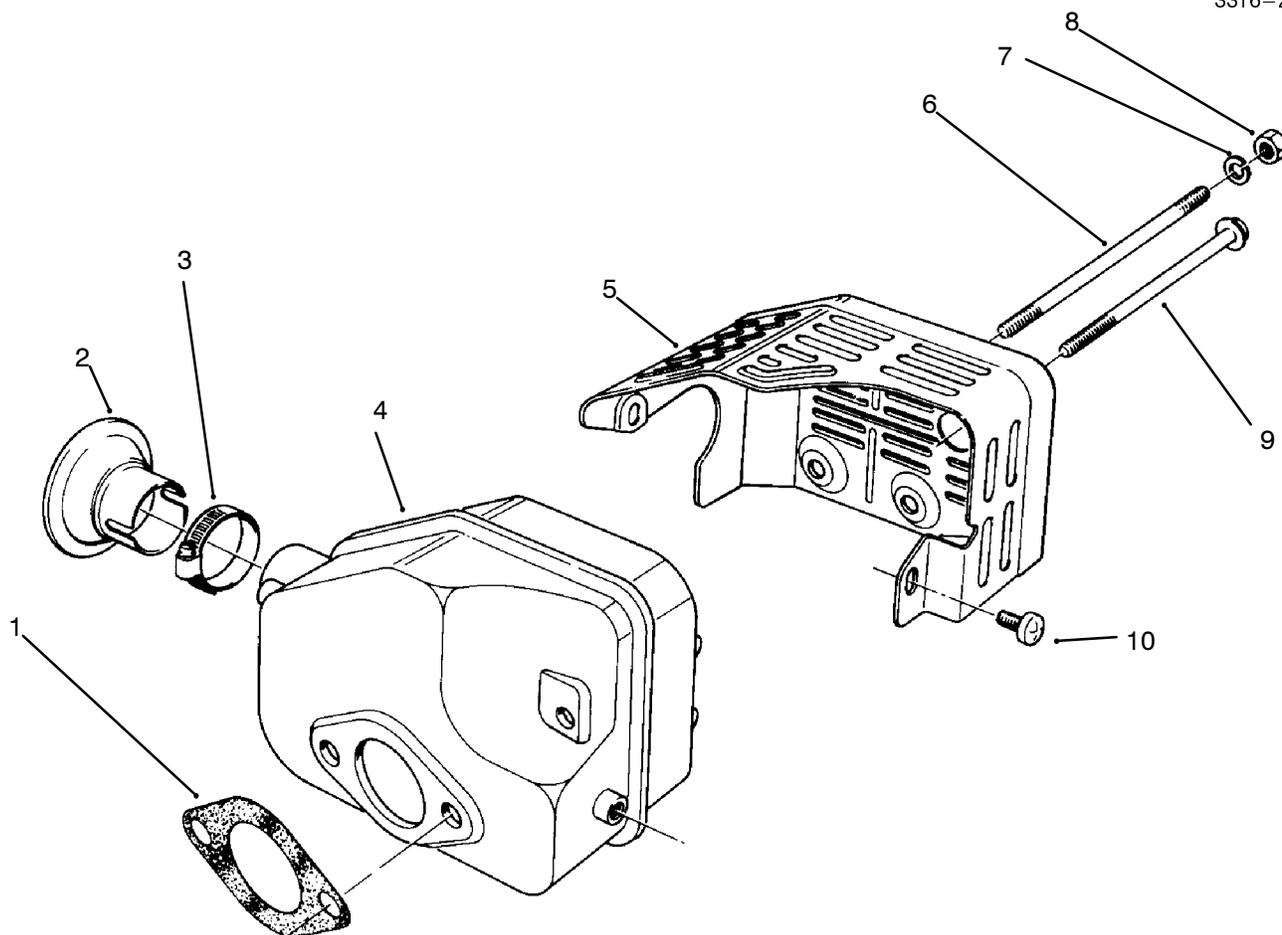
T-0663

## CRANKSHAFT ASSEMBLY (Model No. 47PR4-3)

Ref. No.	Part No.	Description	No. Used
1	81-2800	Crankcase/Cylinder Assy.	1
2	81-0590	Piston Ring Set	1
3	81-0620	Circlip	2
4	81-0600	Pin - Wrist	1
5	81-2140	Piston - 58mm	1
6	81-0720	Seal - Oil, Upper	1
7	81-0710	Washer - Thrust, Upper	1
8	81-0690	Bearing - Upper 20mm	1
9	81-4680	Crankshaft/Connecting Rod Assembly	1
10	81-0770	Spacer - Governor	1

Ref. No.	Part No.	Description	No. Used
11	81-0750	Bracket - Arm, Governor	1
12	81-0700	Bearing - Lower 25mm	1
13	81-0730	Washer - Thrust, Lower	1
14	81-0740	Seal - Oil, Lower	1
15	81-0540	Bolt 30mm Lg.	5
16	81-0760	Pin - Crankshaft	1
17	81-0610	Bearing - Wrist Pin	1
18	81-0570	Bolt	4
19	81-0560	Plate - Mounting	1
20	81-0520	Pin - Crankcase	2
*	12-8099	Short Block	1

\*Not Illustrated



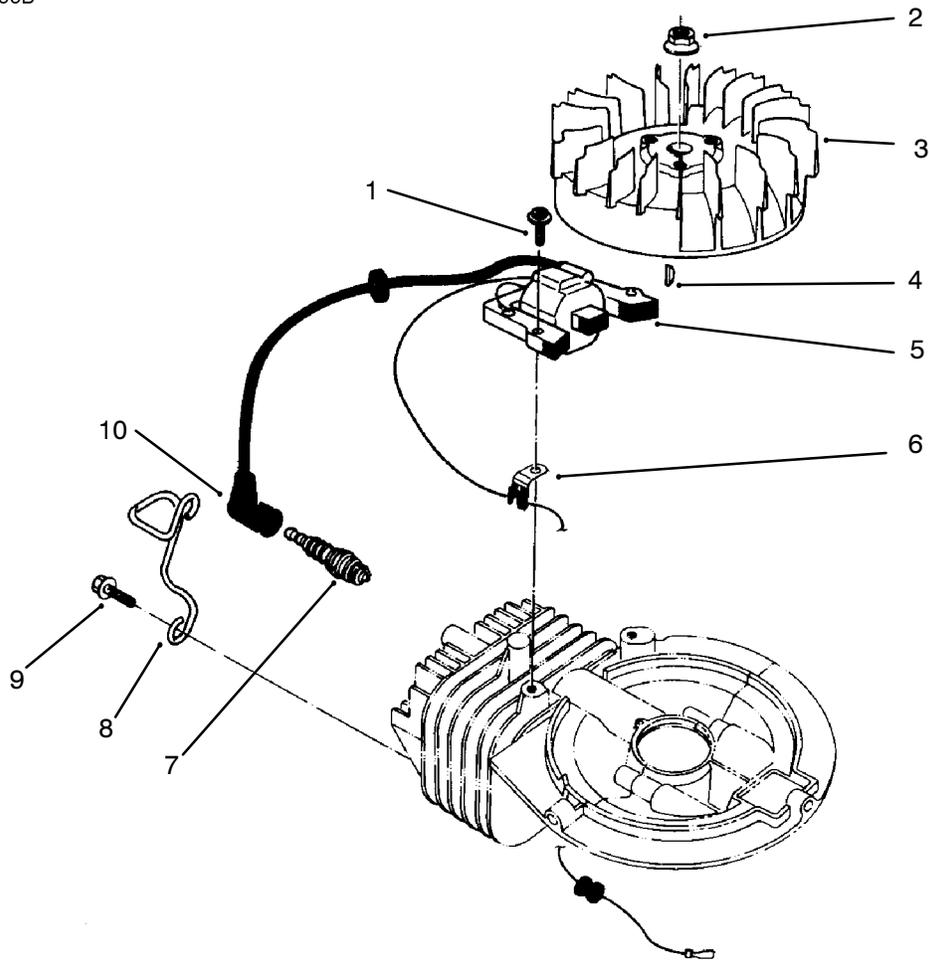
T-0667

## MUFFLER ASSEMBLY (Model No. 47PR4-3)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket - Muffler	1
2	81-0200	Spark Arrester (Optional)	1
†3		Clamp	1
4	81-5690	Muffler	1
5	81-2450	Cover - Muffler	1

Ref. No.	Part No.	Description	No. Used
6	81-1100	Bolt	2
7	81-1120	Washer - Lock	2
8	81-1110	Nut	2
9	81-1150	Bolt - Self Tapping	1
10	81-1140	Screw - Phillips Hd.	2

†Obtain Locally



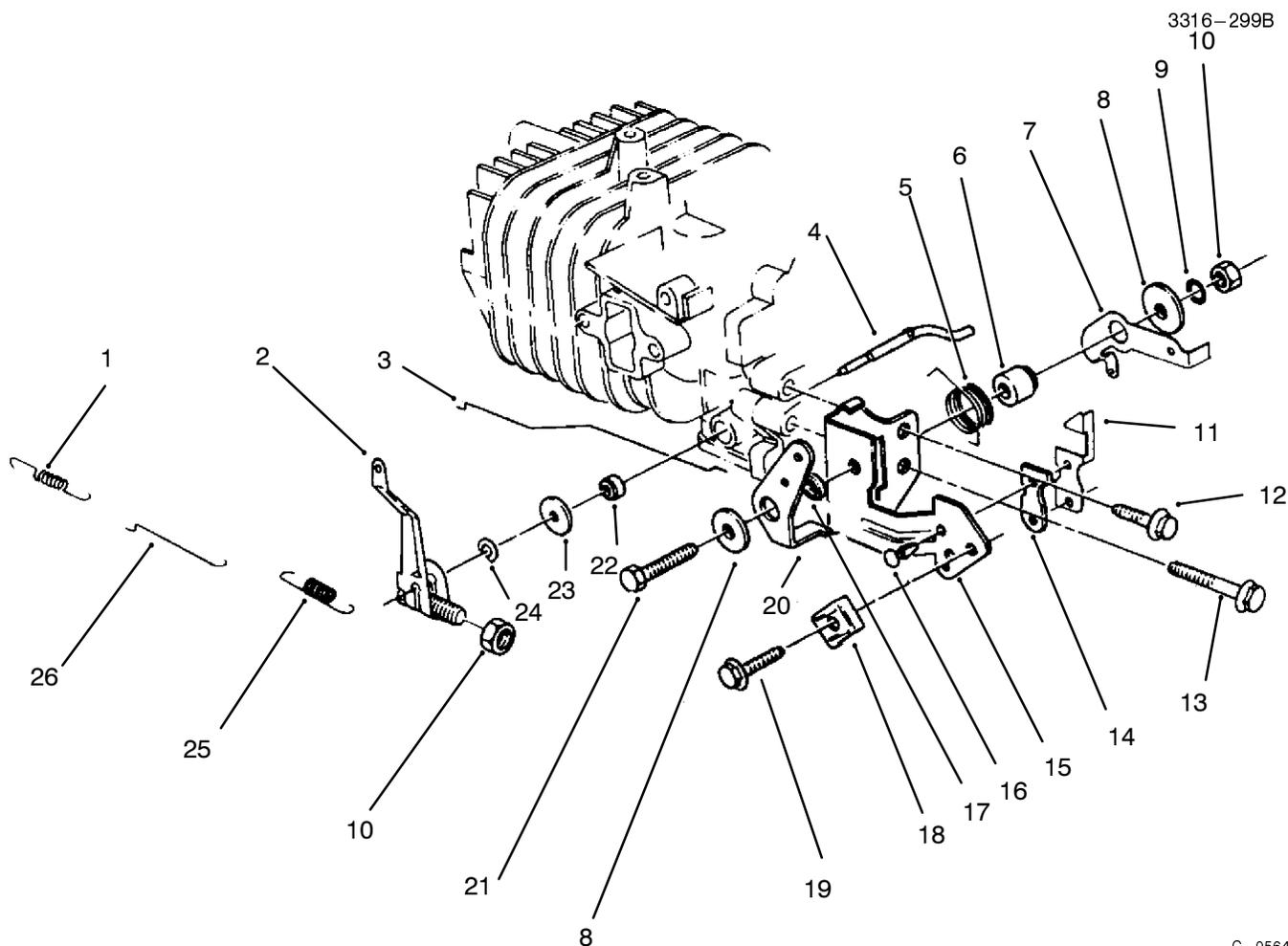
T-0664

## IGNITION ASSEMBLY (Model No. 47PR4-3)

Ref. No.	Part No.	Description	No. Used
1	81-5680	Screw - Cap, Hex Hd.	2
2	81-1330	Nut	1
3	81-2810	Flywheel - Magneto	1
4	81-2370	Key - Flywheel	1
5	81-2820	Coil/Ignition Assembly	1
6	81-1480	Clamp	1

Ref. No.	Part No.	Description	No. Used
7	81-0181	Spark Plug	1
8	81-2120	Guard - Spark Plug	1
9	81-2350	Bolt - Self Tapping (20mm Lg.)	2
10	81-1500	Cap Assembly - Spark Plug	1
*	41-7650	Puller - Flywheel	1

\*Not Illustrated

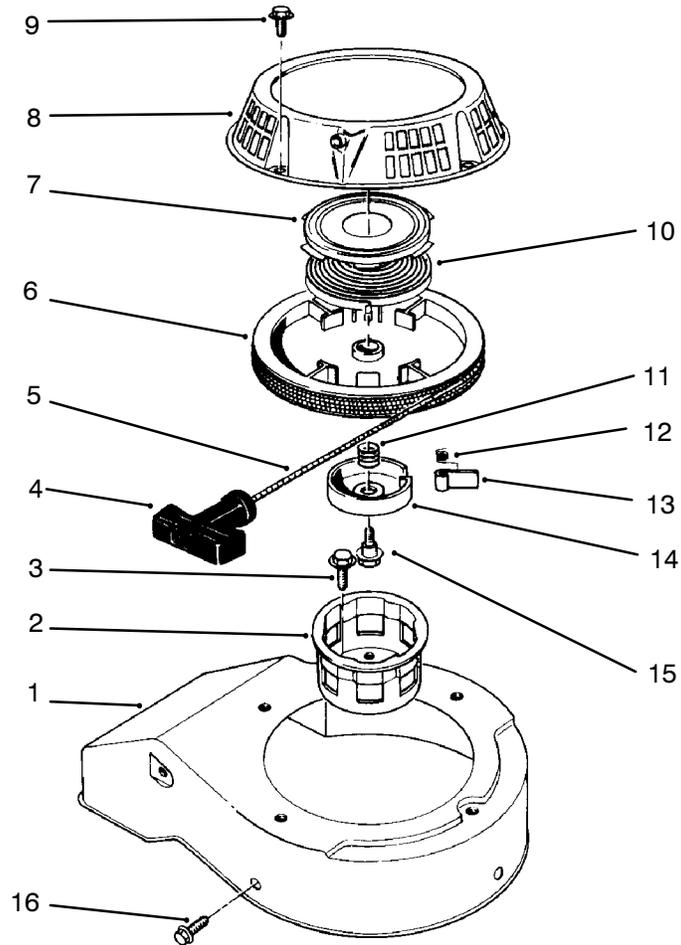


C-0564

## GOVERNOR ASSEMBLY (Model No. 47PR4-3)

Ref. No.	Part No.	Description	No. Used
1	81-0920	Spring - Carburetor Rod	1
2	81-5420	Governor Arm/Bolt Assy.	1
3	81-5410	Rod - Choke	1
4	81-2880	Shaft - Governor	1
5	81-2460	Spring - Lever, Choke	1
6	81-1770	Spacer - Lever, Governor	1
7	81-2850	Lever - Governor	1
8	81-1750	Washer - Lever, Choke	2
9	81-1450	Washer - Lock	1
10	81-0900	Nut	2
11	81-1840	Terminal - Kill Switch	1
12	81-1170	Bolt - Self Tapping	1
13	81-0540	Bolt	1

Ref. No.	Part No.	Description	No. Used
14	81-1830	Insulator - Kill Switch	1
15	81-2420	Bracket - Throttle	1
16	81-4530	Rivet - Kill Switch	2
17	81-2470	Spacer - Lever, Choke	1
18	81-2430	Clamp - Cable	1
19	50-0130	Bolt - Clamp, Cable	1
20	81-1710	Lever - Choke	1
21	81-1730	Bolt - Bracket, Throttle	1
22	81-0850	Seal - Shaft, Governor	1
23	81-0860	Washer	1
24	81-0870	Ring - Retaining	1
25	81-2830	Spring - Governor	1
26	81-0910	Rod - Carburetor	1



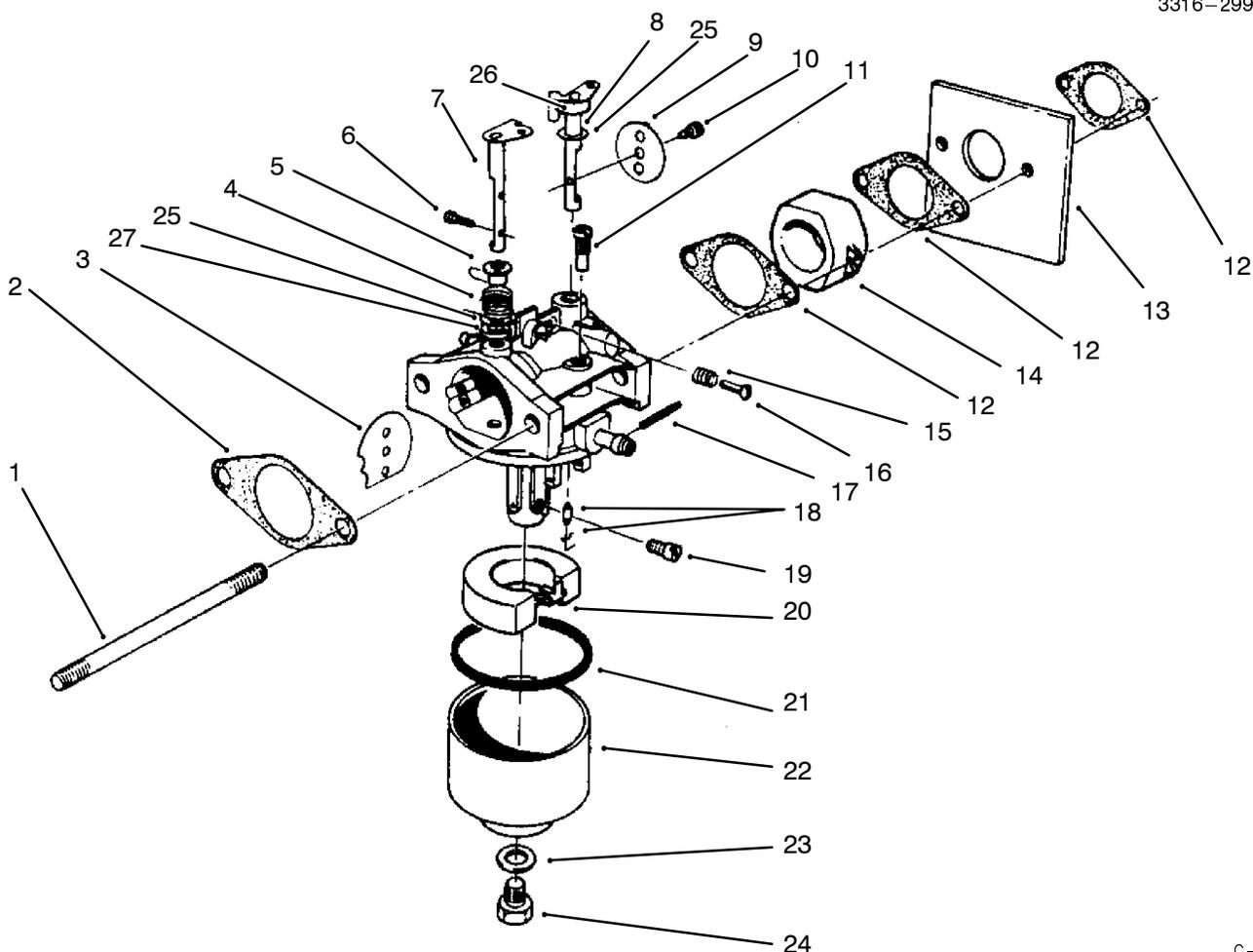
T-1102

## RECOIL ASSEMBLY (Model No. 47PR4-3)

Ref. No.	Part No.	Description	No. Used
1	81-2080	Cover - Fan, Cooling	1
2	81-2170	Cup - Pulley, Starter	1
3	81-1300	Bolt	3
4	81-1630	Handle - Recoil	1
5	81-1270	Rope	1
6	81-1210	Pulley - Rope	1
7		Retainer - Spring, Recoil	1
8	81-2100	Case - Starter	1
9	81-1280	Bolt	4
10		Spring - Recoil	1
11	81-1240	Spring - Compression	1

Ref. No.	Part No.	Description	No. Used
12	81-1220	Spring - Dog	1
13	81-1230	Dog - Starter	1
14	81-1250	Retainer - Dog	1
15	81-1260	Bolt - Shoulder	1
16	53-1340	Bolt - Self Tapping (15mm Lg.)	3
*	81-5940	Starter Assembly (Incl. Ref. #4-15)	1
*	81-2300	Spring & Retainer Assembly (Incl. Ref. #7 & 10)	1

\*Not Illustrated



## CARBURETOR ASSEMBLY (Model No. 47PR4-3)

C-0563

Ref. No.	Part No.	Description	No. Used
1	81-5450	Stud Bolt, Carburetor	2
2	81-0090	Gasket	1
3	81-0240	Valve - Choke	1
4	81-0230	Spring - Choke	1
5	81-0220	Bushing - Choke	1
6	81-2160	Screw - Choke Plate	2
7	81-1950	Shaft - Choke	1
8	81-0250	Shaft - Throttle	1
9	81-0260	Valve - Throttle	1
10	81-0270	Screw - Throttle	1
11	81-1030	Jet - Pilot #40	1
12	81-0780	Gasket - Carburetor	3
13	81-5490	Shield - Carburetor	1
14	81-2190	Insulator - Carburetor	1
15	81-2580	Spring - Idle Stop	1
16	50-0250	Screw - Idle Stop	1
17	81-2600	Pin - Float	1
18	81-4910	Needle Valve	1
19	81-1060	Jet - Main #75	1

Ref. No.	Part No.	Description	No. Used
*	81-2340	Jet - Main #72.5 High Alt. Above 6,000 Ft. (Optional)	A/R
20	81-0970	Float	1
21	81-1010	Gasket - Bowl, Float	1
22	81-5660	Bowl - Float	1
23	81-1020	Gasket - Capscrew, Bowl	1
24	81-5670	Capscrew - Bowl	1
25	81-2530	Seal	2
26	81-2540	Ring	1
27	81-2550	Packing	1
*	81-5430	Carburetor Ass'y w/Primer	1
*	81-2520	Carburetor Ass'y	1
*	12-6379	Carburetor Kit (Incl. Ref. #2, 12, 18, 21 & 23)	1
*	81-5810	Seat Kit (Incl. Valve Seat & Ref. #18)	1

\*Not Illustrated





# TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
612066	Key	5	42	2	48-2810	Rod - Bag Support	7	2	1
3-3287	Spacer	7	29	2	48-2840	Door - Bag, Grass	9	1	1
3-7501	Washer - Curved	7	22	4	49-1630	Support - Spacer	7	6	2
8-2759	Bag - Grass	9	6	1	49-2040	Screw - Self Tapping	5	37	6
12-6379	Carburetor Kit	15	*	1	49-2040	Screw - Thread Forming	1	3	8
12-8099	Short Block	10	*	1	49-7700	Washer - Thrust, Keyed	5	44	2
13-5149	Shaft - Input	5	9	1	49-8461	Bracket - Guide, Belt	5	18	1
13-9739	Upper Case Assembly	5	10	1	49-8740	Quadrant - Rear L.H.	1	33	1
14-6009	Mounting Plate Assembly	4	*	1	49-8750	Quadrant - Rear R.H.	1	*	1
14-9419	Blade	3	20	1	49-8760	Quadrant - Front L.H.	2	52	1
14-9499	Housing - Commercial	1	4	1	49-8770	Quadrant - Front R.H.	1	2	1
25-7740	Knob - Arm	5	4	2	50-0130	Bolt - Clamp, Cable	13	19	1
25-7740	Knob - Arm	2	37	2	50-0250	Screw - Idle Stop	15	16	1
26-0670	Screw - Blade	3	22	1	50-7180	Nut - Lock	3	10	2
27-6232	Screw - Pivot	2	39	2	51-2690	Screw - Hex. Flange Hd.	3	8	1
27-6300	Key - Square	3	16	1	51-3211	Hose - Fuel	8	10	1
27-7210	Screw - Shoulder	7	35	2	51-3214	Hose - Fuel	8	6	1
29-9271	Gear - 42T	5	27	1	52-2170	Retainer - Blade	3	24	1
29-9330	Key - Shift	5	30	2	52-2190	Spacer - Retainer, Blade	3	17	1
29-9340	Collar - Shift	5	32	1	52-2410	Hub	2	41	2
29-9570	Bushing - Yoke	5	39	1	52-2410	Hub	6	52	2
29-9690	Washer - Flat	5	24	1	52-2440	Spacer - Bearing	2	42	2
33-3208	Rod - Shield	1	34	1	52-2440	Spacer - Bearing	6	55	2
33-4820	Hinge - Door, Bag	9	3	1	52-2450	Bearing	5	1	2
36-4770	Spacer - Gear	5	26	3	52-2450	Bearing - Wheel	2	43	4
36-4780	Washer - Flat	5	33	3	52-2450	Bearing - Wheel	6	56	4
36-4792	Washer - Thrust	5	12	4	52-2480	Spacer - Wheel	2	46	2
36-6910	Spring	9	4	2	52-2620	Label - Grease	1	28	1
36-8070	V-Belt	5	14	1	53-1340	Bolt - Self Tapping	14	16	3
37-7260	Screw - Special	1	26	2	53-4690	Stop - Ground Strap	4	10	1
39-5770	Decal - Danger	1	7	1	53-7720	Wheel & Tire Assembly	2	*	2
39-6650	Gear - 18T	6	64	1	53-7740	Tire	2	40	2
39-6660	Pinion - Bevel	6	71	1	53-7740	Tire	6	51	2
39-6720	Sleeve	5	31	1	53-7780	Plate - Wheel Half	2	44	4
39-6740	Pulley	5	15	1	53-7780	Plate - Wheel Half	6	53	2
39-7842	Key - Square	6	68	1	53-7950	Shaft - Intermediate	6	67	1
39-9160	Pinion	5	46	2	55-3575	Cap - Gas	8	3	1
39-9650	Spring	5	43	2	55-8010	Sleeve - Gear	5	34	1
40-1940	Washer - Hardened	2	50	4	55-8020	Retainer - Key	5	29	1
41-7650	Puller - Flywheel	12	*	1	60-8870	Yoke - Shift	5	23	1
42-4020	Frame - Bag	9	7	1	60-9010	Strap - Ground	4	7	1
42-4030	Frame - Bag, Upper	9	5	1	61-8062	Engine - Complete	3	2	1
42-4740	Gear - 38T	5	28	1	61-8270	Bar - Control	7	18	1
44-0580	Shield - Rear Safety	2	35	1	61-8300	Pivot Arm Assembly	1	1	2
44-2750	Body - Primer	3	13	1	62-3830	Washer - Thrust, Keyed	5	45	2
44-3172	Hose - Primer	3	5	1	62-3980	Sleeve	3	9	2
46-3540	Gear - 12T	6	66	1	62-7600	Decal - Fuel	8	9	1
46-3550	Gear - 14T	6	65	1	63-9330	Body - Air Cleaner	3	6	1
46-3560	Gear - 52T	5	25	1	63-9340	Cover - Air Cleaner	3	12	1
46-6810	Screw - Thread Forming	1	8	1	63-9380	Filter - Foam	3	11	1
46-6811	Screw - Thread Forming	1	12	1	65-5860	Protector - Crankshaft	3	25	1
46-6980	Support - Cable	7	8	1	66-5350	Lever - Control	7	14	1
46-7030	Retainer - Cable	1	29	1	66-5370	Spring - Compression	4	9	1
46-7910	Pulley - Driver	3	15	1	66-5380	Brake Plate Assembly	4	5	1
46-8081	Guide - Rope	7	11	1	66-7460	Bulb - Primer	3	14	1
46-8090	Screw - Self Tapping	1	17	2	66-7560	Spring Arm Ass'y - Front	2	38	2
46-8091	Screw - Hex. Washer Hd.	8	13	2	66-7561	Spring Arm Assy. - Rear	5	5	2
47-2480	Stop - Recoil	3	28	1	66-9300	Screw - Hex. Flange Hd.	3	26	4
47-2910	Washer - Thrust	6	72	1	70-1061	Cable - Throttle	7	31	1
47-6730	Seal	5	21	4	71-1260	Decal - Pro Line	3	1	1
47-7260	Seal	6	73	1	71-1280	Decal - Safety Instructions	2	55	1
47-7270	Bearing - Needle	5	11	2	71-9280	Filter - Fuel	8	11	1
48-2060	Bearing - Needle	5	3	4	71-9350	Bracket - Spring	1	11	1
48-2170	Cap - End	5	7	2	71-9370	Decal - Danger Covers	2	56	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3316-299B

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
74-1640	Cover - Wheel	6	59	2	81-1010	Gasket - Bowl, Float	15	21	1
74-1650	Spacer - Wheel	6	58	2	81-1020	Gasket - Capscrew, Bowl	15	23	1
74-1720	Wheel & Tire Assembly	6	*	2	81-1030	Jet - Pilot #40	15	11	1
74-1741	Bracket - Traction Adj.	1	31	1	81-1060	Jet - Main #75	15	19	1
74-1750	Bracket - Traction, Engage	5	17	1	81-1080	Gasket - Muffler	11	1	1
74-1760	Gear - Bevel	6	63	1	81-1100	Bolt	11	6	2
74-1770	Cover - Belt	1	27	1	81-1110	Nut	11	8	2
74-1791	Cable - Traction	7	33	1	81-1120	Washer - Lock	11	7	2
74-1810	Washer	6	61	2	81-1140	Screw - Phillips Hd.	11	10	2
74-1851	Pivot Arm Assembly	5	2	2	81-1150	Bolt - Self Tapping	11	9	1
74-1861	Gear Case Assembly	6	*	1	81-1170	Bolt - Self Tapping	13	12	1
74-1890	Shaft - Output	5	8	1	81-1210	Pulley - Rope	14	6	1
74-1920	Case - Lower	5	40	1	81-1220	Spring - Dog	14	12	1
74-1960	Lever - Shift	5	22	1	81-1230	Dog - Starter	14	13	1
74-1970	Decal - Traction Drive	1	30	1	81-1240	Spring - Compression	14	11	1
74-2110	Bracket - Tank	8	1	1	81-1250	Retainer - Dog	14	14	1
76-4640	Latch - Plug	1	21	1	81-1260	Bolt - Shoulder	14	15	1
76-4650	Grip - Latch	1	22	1	81-1270	Rope	14	5	1
76-4660	Spring	1	13	1	81-1280	Bolt	14	9	4
76-4570	Plate - Latch	1	16	1	81-1300	Bolt	14	3	3
77-0040	Decal - Recoil	3	3	1	81-1330	Nut	12	2	1
77-0200	Door Assembly	1	15	1	81-1450	Washer - Lock	13	9	1
77-0500	Plug - Discharge	1	20	1	81-1480	Clamp	12	6	1
77-0520	Support - Bracket	8	8	1	81-1500	Cap Assembly - Spark Plug	12	10	1
77-2840	Retainer - Tank, Fuel	8	2	1	81-1630	Handle - Recoil	14	4	1
77-5260	Strap - Insulation	4	4	1	81-1710	Lever - Choke	13	20	1
77-5270	Lever - Control	7	12	1	81-1730	Bolt - Bracket, Throttle	13	21	1
80-3770	Retainer - Door	1	14	1	81-1750	Washer - Lever, Choke	13	8	2
81-0090	Gasket	15	2	1	81-1770	Spacer - Lever, Governor	13	6	1
81-0090	Gasket	3	4	1	81-1830	Insulator - Kill Switch	13	14	1
81-0181	Spark Plug	12	7	1	81-1840	Terminal - Kill Switch	13	11	1
81-0200	Spark Arrester (Optional)	11	2	1	81-1950	Shaft - Choke	15	7	1
81-0220	Bushing - Choke	15	5	1	81-2080	Cover - Fan, Cooling	14	1	1
81-0230	Spring - Choke	15	4	1	81-2100	Case - Starter	14	8	1
81-0240	Valve - Choke	15	3	1	81-2120	Guard - Spark Plug	12	8	1
81-0250	Shaft - Throttle	15	8	1	81-2140	Piston - 58mm	10	5	1
81-0260	Valve - Throttle	15	9	1	81-2160	Screw - Choke Plate	15	6	2
81-0270	Screw - Throttle	15	10	1	81-2170	Cup - Pulley, Starter	14	2	1
81-0520	Pin - Crankcase	10	20	2	81-2190	Insulator - Carburetor	15	14	1
81-0540	Bolt	13	13	1	81-2300	Spring & Retainer Assembly	14	*	1
81-0540	Bolt 30mm Lg.	10	15	5	81-2340	Jet - Main #72.5 High Alt.	15	*	A/R
81-0560	Plate - Mounting	10	19	1	81-2350	Bolt - Self Tapping	12	9	2
81-0570	Bolt	10	18	4	81-2370	Key - Flywheel	12	4	1
81-0590	Piston Ring Set	10	2	1	81-2420	Bracket - Throttle	13	15	1
81-0600	Pin - Wrist	10	4	1	81-2430	Clamp - Cable	13	18	1
81-0610	Bearing - Wrist Pin	10	17	1	81-2450	Cover - Muffler	11	5	1
81-0620	Circlip	10	3	2	81-2460	Spring - Lever, Choke	13	5	1
81-0690	Bearing - Upper 20mm	10	8	1	81-2470	Spacer - Lever, Choke	13	17	1
81-0700	Bearing - Lower 25mm	10	12	1	81-2520	Carburetor Ass'y	15	*	1
81-0710	Washer - Thrust, Upper	10	7	1	81-2530	Seal	15	25	2
81-0720	Seal - Oil, Upper	10	6	1	81-2540	Ring	15	26	1
81-0730	Washer - Thrust, Lower	10	13	1	81-2550	Packing	15	27	1
81-0740	Seal - Oil, Lower	10	14	1	81-2580	Spring - Idle Stop	15	15	1
81-0750	Bracket - Arm, Governor	10	11	1	81-2600	Pin - Float	15	17	1
81-0760	Pin - Crankshaft	10	16	1	81-2800	Crankcase/Cylinder Assy.	10	1	1
81-0770	Spacer - Governor	10	10	1	81-2810	Flywheel - Magneto	12	3	1
81-0780	Gasket - Carburetor	15	12	3	81-2820	Coil/Ignition Assembly	12	5	1
81-0850	Seal - Shaft, Governor	13	22	1	81-2830	Spring - Governor	13	25	1
81-0860	Washer	13	23	1	81-2850	Lever - Governor	13	7	1
81-0870	Ring - Retaining	13	24	1	81-2880	Shaft - Governor	13	4	1
81-0900	Nut	13	10	2	81-4530	Rivet - Kill Switch	13	16	2
81-0910	Rod - Carburetor	13	26	1	81-4680	Crankshaft/Connecting Rod	10	9	1
81-0920	Spring - Carburetor Rod	13	1	1	81-4910	Needle Valve	15	18	1
81-0970	Float	15	20	1	81-5410	Rod - Choke	13	3	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
81-5420	Governor Arm/Bolt Assy.	13	2 1	323-12	Screw - Hex Hd. Cap	2	45 2
81-5430	Carburetor Ass'y w/Primer	15	* 1	323-6	Screw - Cap, Hex. Hd.	8	14 2
81-5450	Stud Bolt, Carburetor	15	1 2	323-13	Screw - Cap, Hex. Hd.	6	57 2
81-5490	Shield - Carburetor	15	13 1	3253-22	Washer - Lock	3	23 1
81-5660	Bowl - Float	15	22 1	3254-6	Washer - Internal Tooth	3	18 3
81-5670	Capscrew - Bowl	15	24 1	3256-16	Washer	3	7 1
81-5680	Screw - Cap, Hex Hd.	12	1 2	3256-22	Washer - Flat	7	9 1
81-5690	Muffler	11	4 1	3256-22	Washer - Flat	1	10 2
81-5810	Seat Kit	15	* 1	3256-45	Washer - Flat	6	75 1
81-5940	Starter Assembly	14	* 1	3257-1	Key - Woodruff	6	74 2
82-2380	Decal - Traction Control	7	17 1	3285-19	Pin - Groove	5	35 1
82-8460	Tank - Gas	8	4 1	3290-378	Tie - Cable	1	24 1
82-9150	Chute - Discharge	1	9 1	3290-378	Tie - Cable	7	24 3
82-9950	Bracket - Control Throttle	7	21 1	3290-422	Nut - Push, Washer Cap	9	2 2
84-7820	Plate - Mounting	4	2 1	3290-456	Washer - Flat	7	26 4
84-8361	Latch - Handle - L.H.	7	30 1	3290-459	Rivet	4	3 2
84-8401	Latch - Handle - R.H.	7	* 1	3295-35	Rivet	1	25 1
84-9160	Mount - Tank, Bottom	8	12 1	3296-5	Nut - Lock	5	16 1
85-6903	Cable - Brake	7	7 1	3296-6	Nut - Lock	2	51 2
85-6903	Cable - Brake	4	8 1	3296-29	Nut - Lock	7	25 4
92-1586	Handle	7	1 1	3296-42	Nut - Lock	8	7 1
92-1599	Stiffener - Blade	3	21 1	3296-42	Nut - Lock	7	10 4
92-1720	Kicker	2	54 1	3296-42	Nut - Lock	1	19 10
92-1730	Kicker	1	6 1	3296-42	Nut - Lock	6	54 8
92-1750	Kicker	1	23 1	3296-47	Nut - Lock	7	32 2
92-1796	Decal - Recycler	2	53 1	3296-58	Nut - Lock	7	13 2
92-4957	Wheel - Half & Gear	6	49 2	32111-7	Nut - Acorn	7	23 2
92-6316	Fitting - Grease	5	6 2	32121-99	Pin - Roll	5	19 1
92-9698	Screw - Shoulder, Metric	4	6 1	32144-10	Screw - Self Tapping	4	1 1
2412-95	Clamp - Fuel Line	8	5 4	32144-70	Screw - Thread Forming	3	19 3
252-103	Bearing - Closed	6	69 2	32144-70	Screw - Thread Forming	1	32 1
256-276	Spacer	7	20 2	32144-111	Screw - Pan Hd.	1	5 6
257-3	Washer - Pivot	2	48 2	32144-112	Screw - Self Tapping	4	11 1
302-63	Fitting - Grease	5	13 1	32151-36	Ring - Retaining	6	62 2
321-2	Screw - Hex Hd. Cap	2	47 8	32151-57	Ring - Retaining	6	70 1
321-2	Screw - Hex Hd. Cap	6	48 8	32151-68	Ring - Klip	5	47 4
321-4	Screw - Hex Hd. Cap	7	19 2	32151-86	E-Ring	7	15 2
321-7	Screw - Hex Hd. Cap	1	18 2	32152-2	Nut - Lock	2	49 2
321-9	Screw - Hex Hd. Cap	7	34 1	32152-2	Nut - Lock	6	60 2
321-13	Screw - Hex Hd. Cap	7	4 2				
321-15	Screw - Hex Hd. Cap	7	3 1				
322-6	Screw - Hex Hd. Cap	7	28 2				
322-7	Screw - Hex Hd. Cap	7	27 2				
322-10	Screw - Hex Hd. Cap	7	5 2				

## OPTIONAL EQUIPMENT

Side Discharge Chute . . . . . Model No. 59168

Spark Arrestor Muffler . . . . . Part No. 81-0200