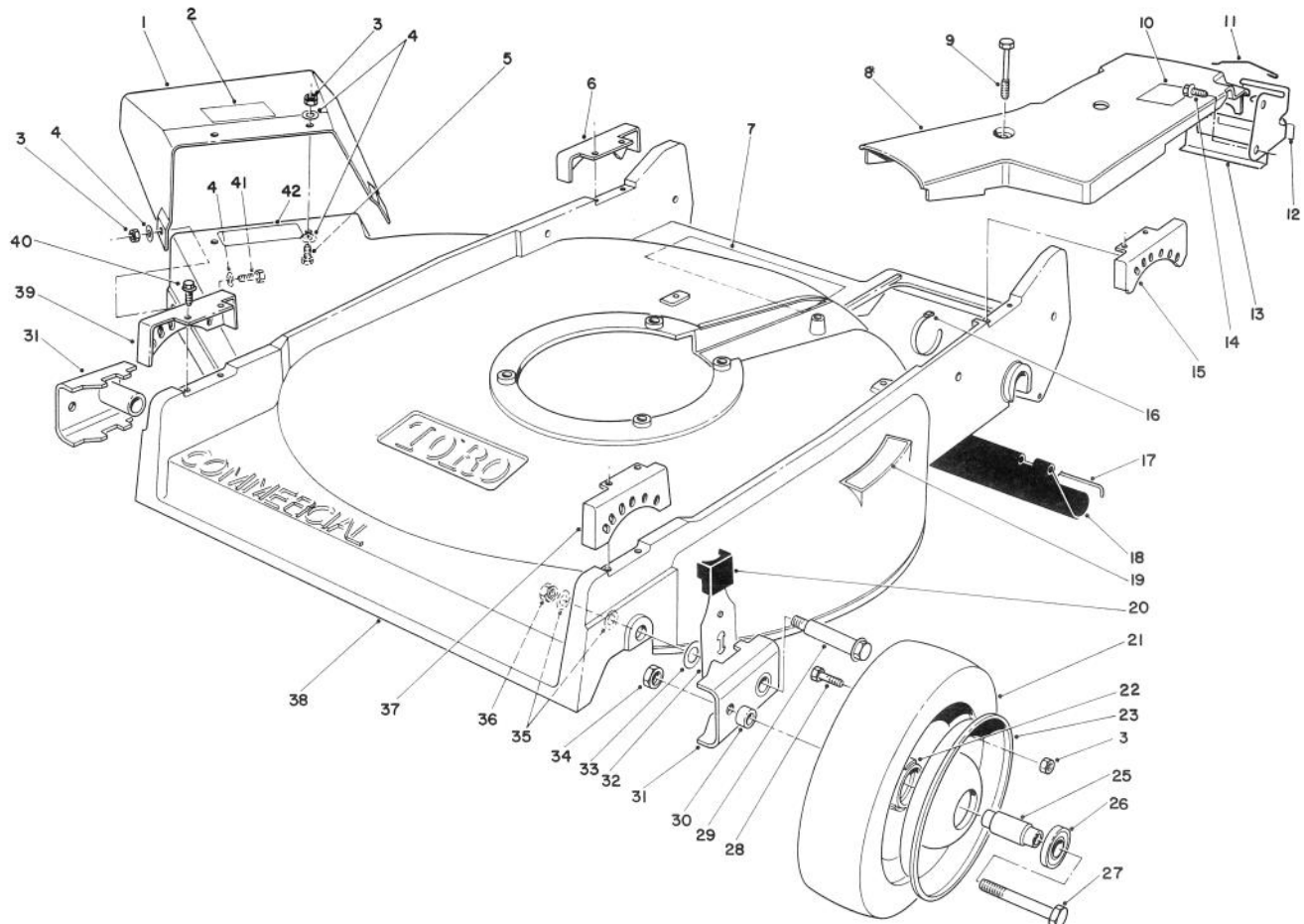


TORO®

MODEL NO. 22700B-3900001 & UP

**PARTS
CATALOG****21" COMMERCIAL
Side Discharge Mower**

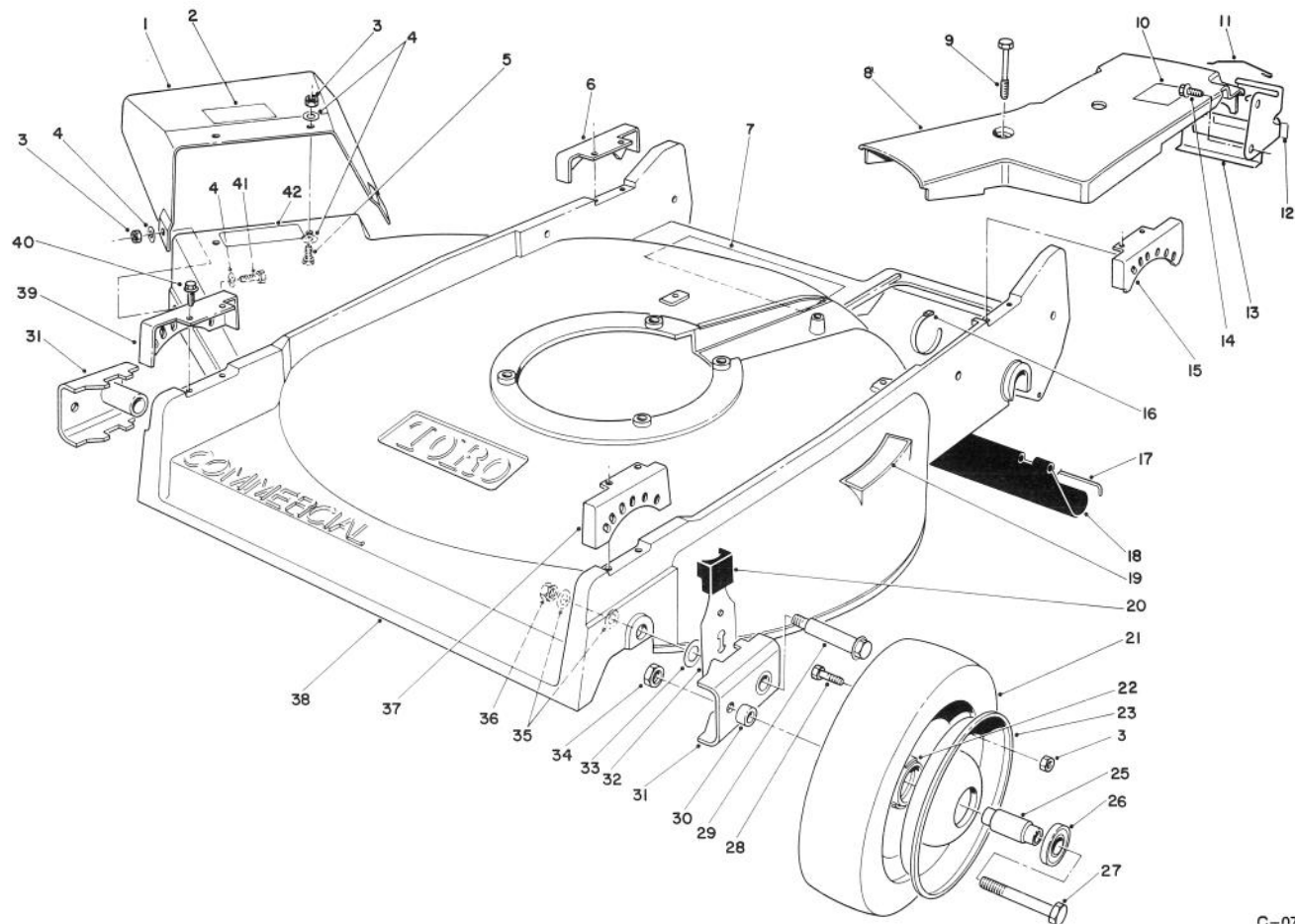
C-0713

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-7040	Assembly - Deflector (Incl. Ref. #2)	1
2	62-3860	Decal - Danger	1
3	3296-42	Nut - Lock	11
4	3256-22	Washer - Flat	6
5	321-5	Screw - Cap Hex. Hd.	2
6	49-8750	Quadrant - Rear, R.H.	1
7	74-2120	Decal - Safety Instructions	1
8	74-1770	Cover - Belt	1
9	37-7260	Screw - Special	2
10	62-7580	Label - Grease	1
11	46-7030	Retainer - Cable	1
12	74-1970	Decal - Traction Drive	1
13	74-1741	Bracket - Adj. Traction	1
14	32144-70	Screw - Thread Forming	1
15	49-8740	Quadrant - Rear L.H.	1
16	3290-378	Tie - Cable	1
17	33-3208	Rod - Shield	1

Ref. No.	Part No.	Description	No. Used
18	44-0580	Shield - Rear, Safety	1
19	62-3950	Decal - Pad, Step	1
20	25-7740	Knob - Arm	2
21	53-7740	Tire	2
22	52-2410	Hub - Support, Bearing	2
23	53-7780	Plate - Wheel Half	4
25	52-2440	Spacer - Bearing	2
26	52-2450	Bearing - Wheel	4
27	323-12	Screw - Cap Hex. Hd.	2
28	321-2	Screw - Cap Hex. Hd.	8
29	27-6231	Screw - Pivot	2
30	52-2480	Spacer - Wheel	2
31	61-8300	Assembly - Arm, Pivot	2
32	66-7560	Assy. - Spring Arm, Front	2
33	257-3	Washer - Pivot	2
34	32152-2	Nut - Lock	2
35	40-1940	Washer - Hardened	4
36	52-3620	Nut - Lock	2

TPS



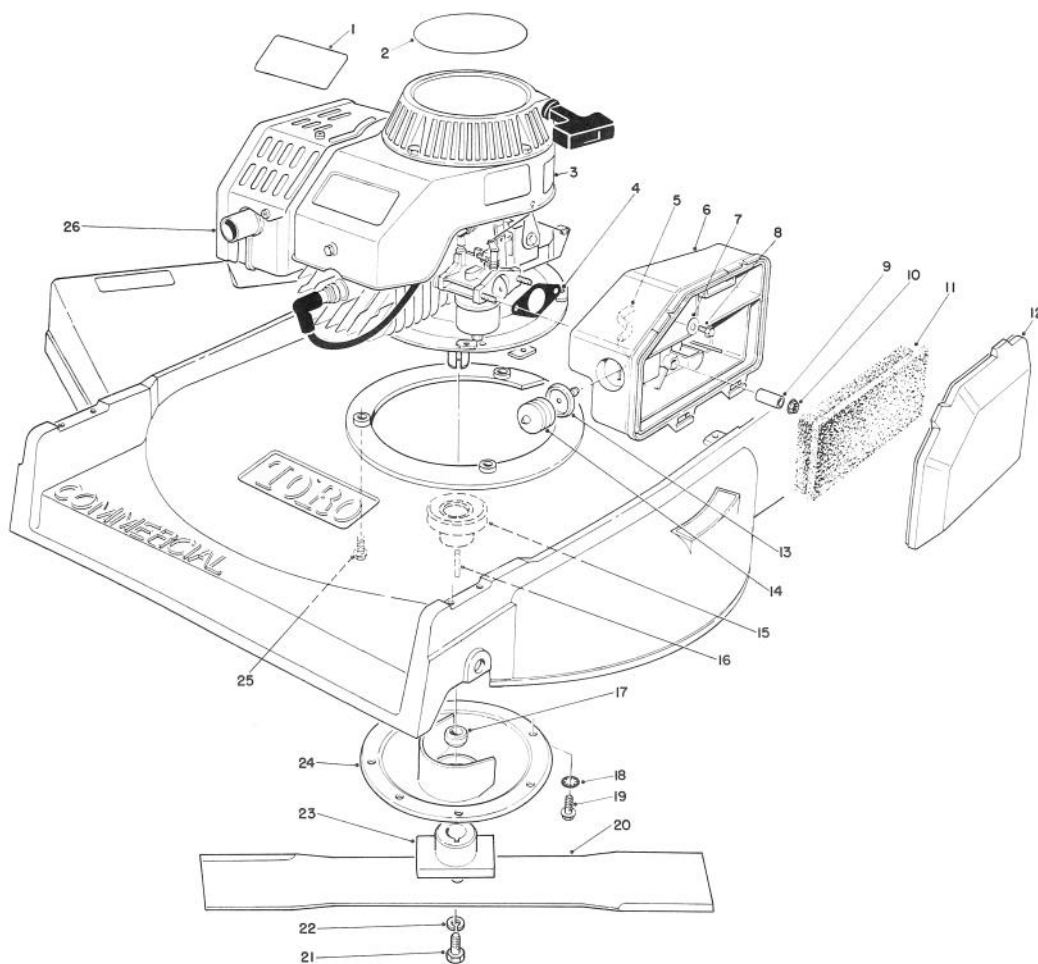
C-0713

HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
37	49-8760	Quadrant - Front, L.H.	1
38	13-0409	Housing - Commercial (Incl. Ref. #7, 19 & 42)	1
39	49-8770	Quadrant - Front, R.H.	1
40	49-2040	Screw - Thread Forming	8

Ref. No.	Part No.	Description	No. Used
41	321-7	Screw - Cap Hex. Hd.	1
42	66-7360	Decal - Warning	1
*	53-7720	Assembly - Tire & Wheel (Incl. Ref. #3, 21-23, 25, 26 & 28)	2

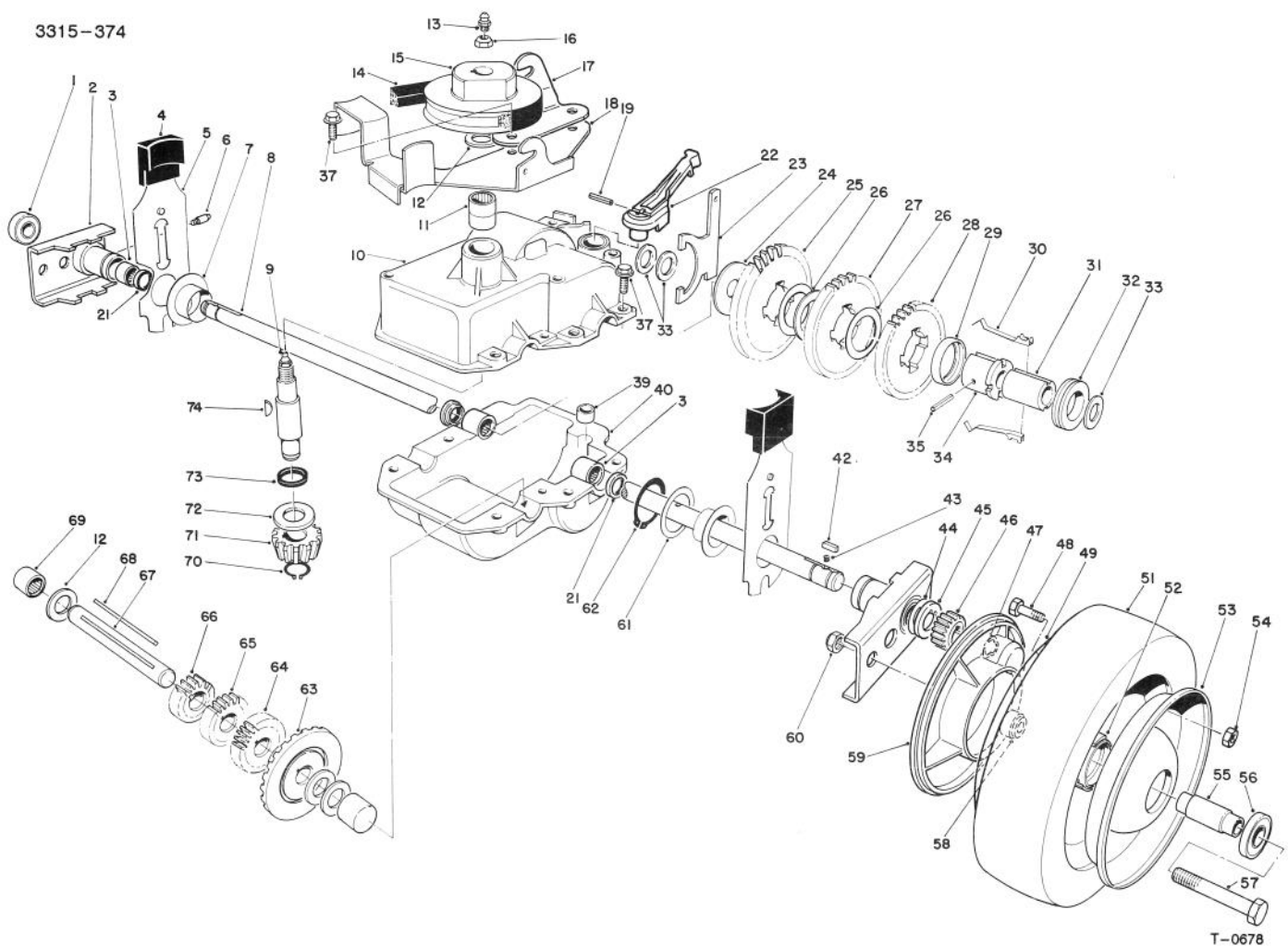
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C-0714

ENGINE ASSEMBLY

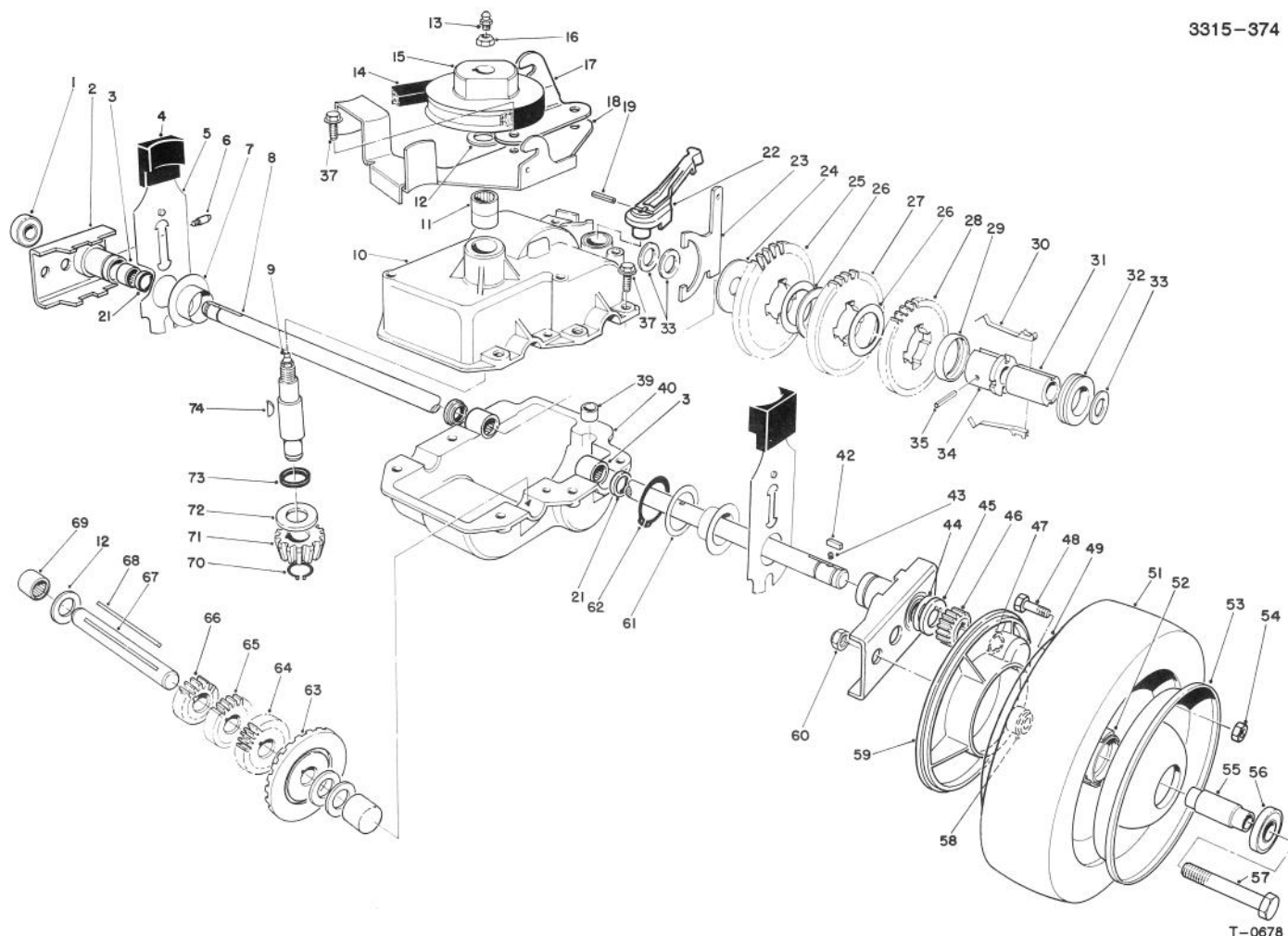
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	71-1260	Decal - Pro Line	1	14	66-7460	Bulb - Primer	1
2	77-0040	Decal - Recoil	1	15	46-7910	Pulley - Driver	1
3	62-7600	Decal - Fuel Tank	1	16	27-6300	Key - Square	1
4	81-0090	Gasket	1	17	52-2194	Spacer - Retainer, Blade	1
5	44-3172	Hose - Primer	1	18	3254-6	Washer - Internal Tooth	3
6	63-9330	Body - Air Cleaner	1	19	32144-70	Screw - Thread Forming	3
7	3256-16	Washer	1	20	26-5790	Blade	1
8	51-2690	Screw - Hex. Flange Hd.	1	21	26-0670	Screw - Blade	1
9	62-3980	Sleeve	2	22	3253-22	Washer - Lock	1
10	50-7180	Nut - Lock	2	23	66-7190	Retainer - Blade	1
11	63-9380	Filter - Foam	1	24	65-5860	Protector - Crankshaft	1
12	63-9340	Cover - Air Cleaner	1	25	66-9300	Screw - Hex. Flange Hd.	4
13	44-2750	Body - Primer	1	26	61-8062	Engine - Complete	1



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	302-26	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	8
39	29-9570	Bushing - Yoke	1
40	74-1920	Case - Lower	1
42	39-9680	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

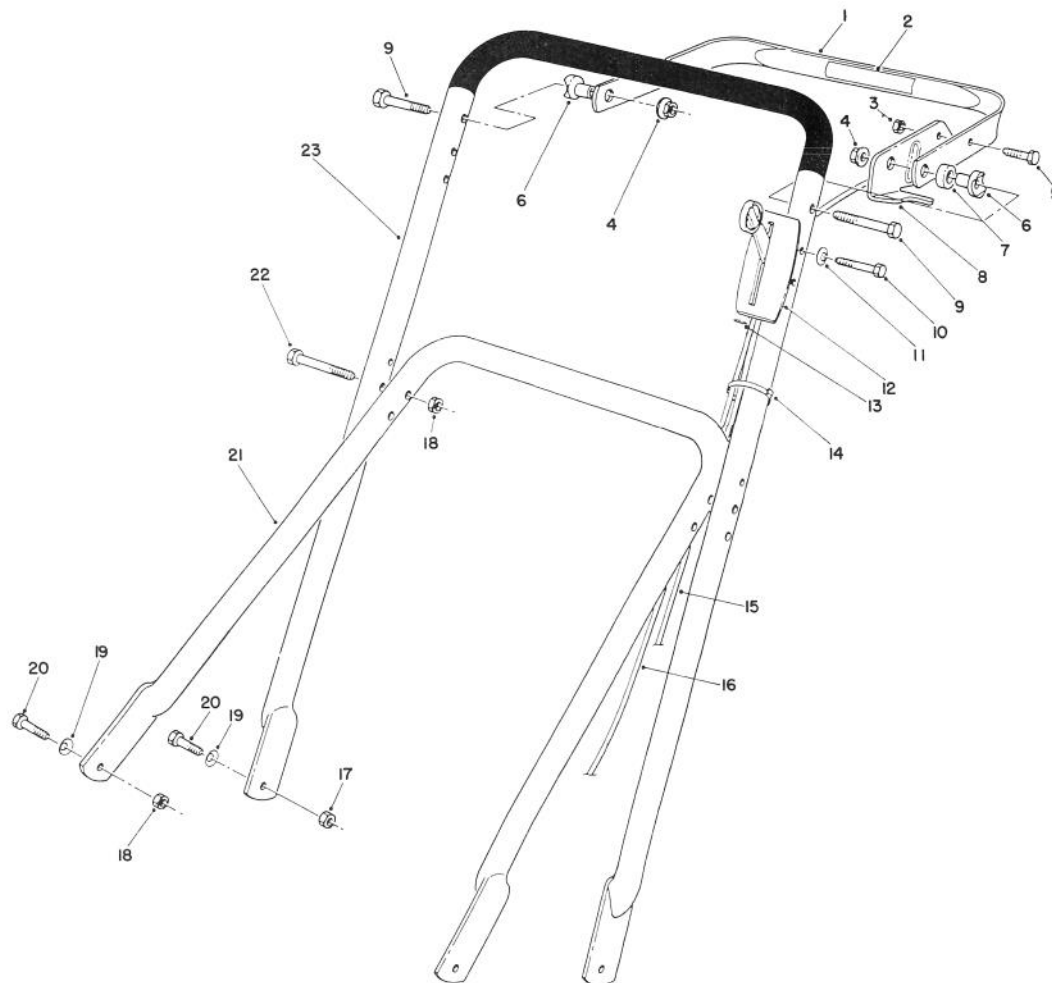


GEAR CASE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
48	321-2	Screw - Cap, Hex. Hd.	8
49	53-7750	Wheel - Half	2
51	53-7740	Tire	2
52	52-2410	Hub - Support, Bearing	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
65	46-3550	Gear - 14T	1

Ref. No.	Part No.	Description	No. Used
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
*	74-1861	Gear Case Assembly (Incl. Ref. #3, 8-13, 15-18, 21, 23-40 & 63-74)	1
*	74-1720	Wheel & Tire Assembly (Incl. Ref. #48-49 & 51-56)	2

*Not Illustrated

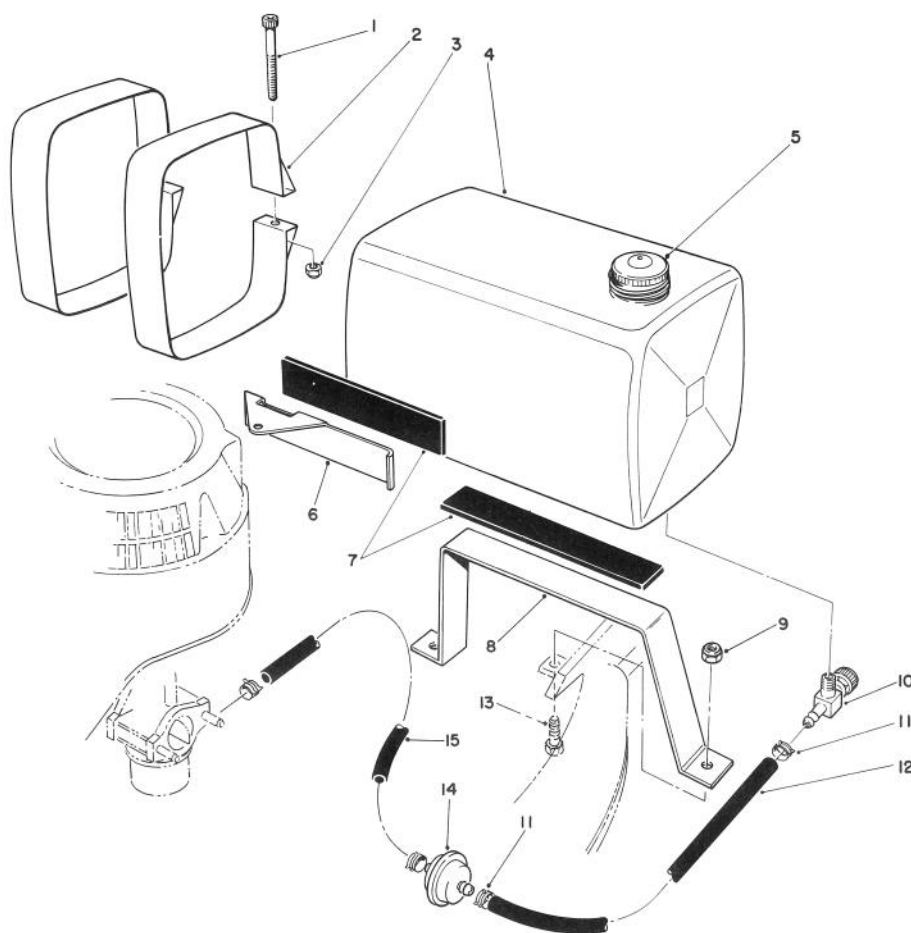


C-0715

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	61-8270	Bar - Control	1
2	62-7590	Decal - Control, Traction	1
3	3296-42	Nut - Lock	1
4	3296-58	Nut - Lock	2
5	321-4	Screw - Cap Hex. Hd.	1
6	49-1630	Support - Spacer	2
7	256-276	Spacer - Plastic	1
8	74-1820	Lever - Control	1
9	322-10	Screw - Cap Hex. Hd.	2
10	321-13	Screw - Cap Hex. Hd.	2
11	3-7501	Washer - Curved	2
12	82-9953	Assy. - Bracket, Throttle	1

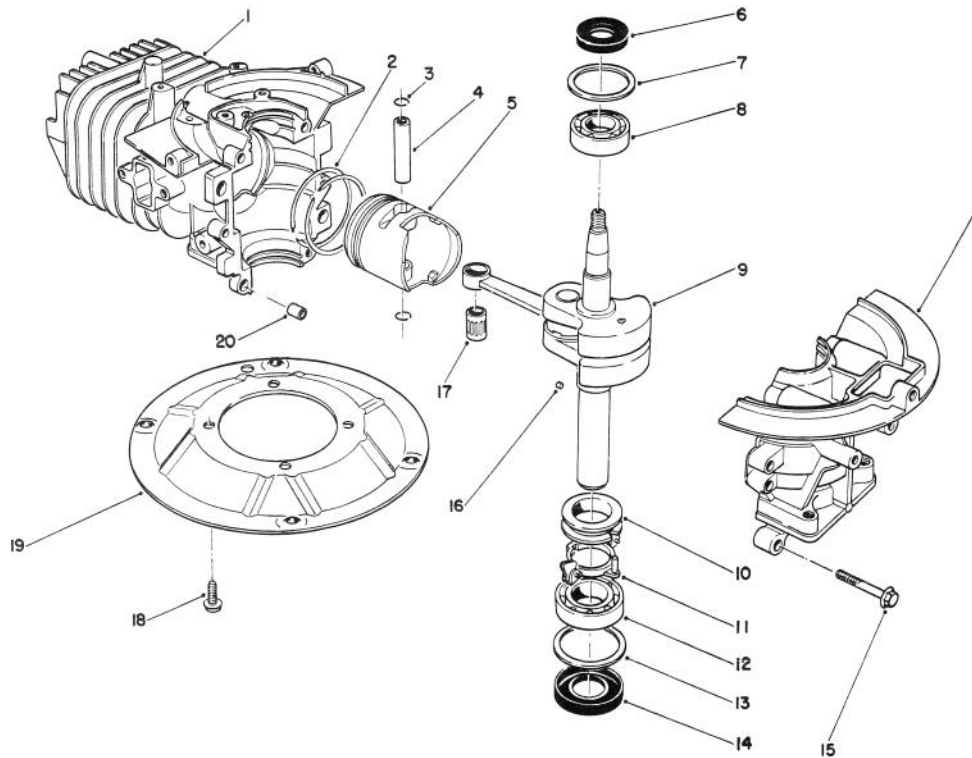
Ref. No.	Part No.	Description	No. Used
13	32151-86	E-Ring	2
14	3290-378	Tie - Cable	1
15	74-1791	Cable - Traction	1
16	70-1061	Cable - Throttle	1
17	3296-47	Nut - Lock	2
18	3296-29	Nut - Lock	4
19	3290-456	Washer - Belleville	4
20	322-6	Screw - Cap Hex. Hd.	4
21	66-6150	Handle - Lower	1
22	322-12	Screw - Cap Hex. Hd.	2
23	92-1586	Handle - Upper	1



C-0716

GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3274-62	Screw - Cap Hex. Soc. Hd.	2	9	3296-29	Nut - Lock	2
2	39-0570	Strap - Mounting	2	10	304-71	Valve - Shutoff, Fuel	1
3	3217-5	Nut - Hex.	2	11	2412-95	Clamp - Hose, Fuel	4
4	52-2331	Tank - Gas (Incl. Ref. #5)	1	12	51-3211	Hose - Fuel (2.3" Lg.)	1
5	55-4700	Cap - Gas	1	13	322-4	Screw - Cap Hex. Hd.	2
6	52-2270	Mount - Front, Tank	1	14	71-9280	Filter - Fuel	1
7	52-2290	Pad - Isolator	2	15	51-3210	Hose - Fuel (5.62" Lg.)	1
8	66-5950	Mount - Bottom, Tank	1				



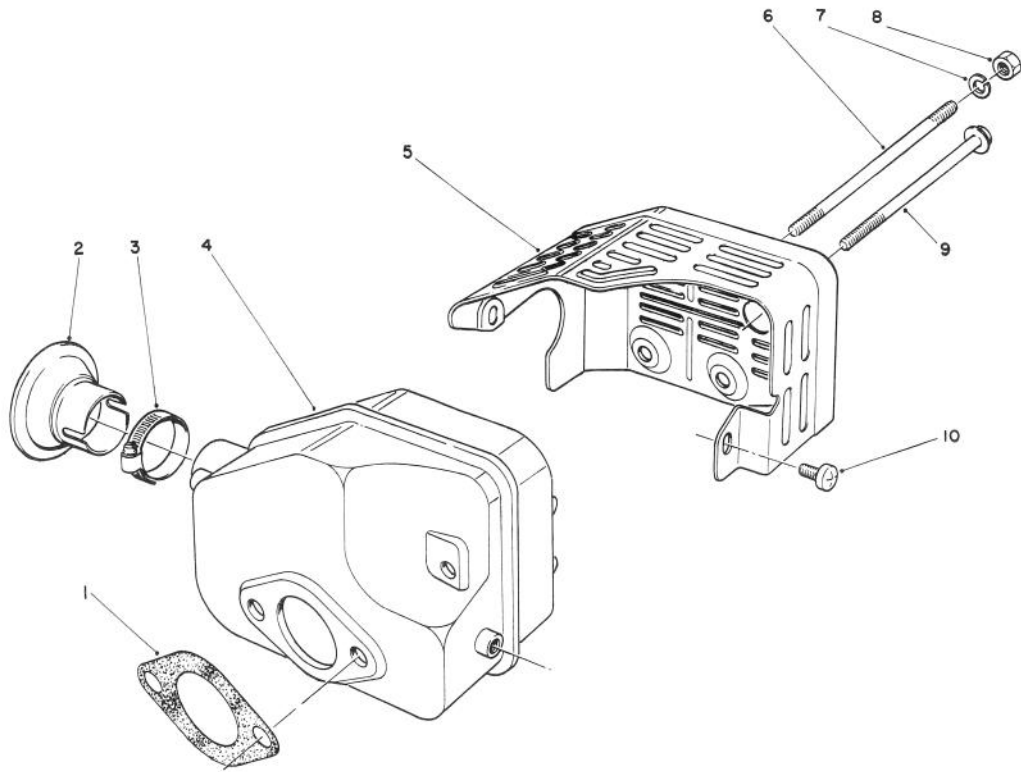
T-0663

CRANKSHAFT ASSEMBLY (Model No. 47PN2-3)

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



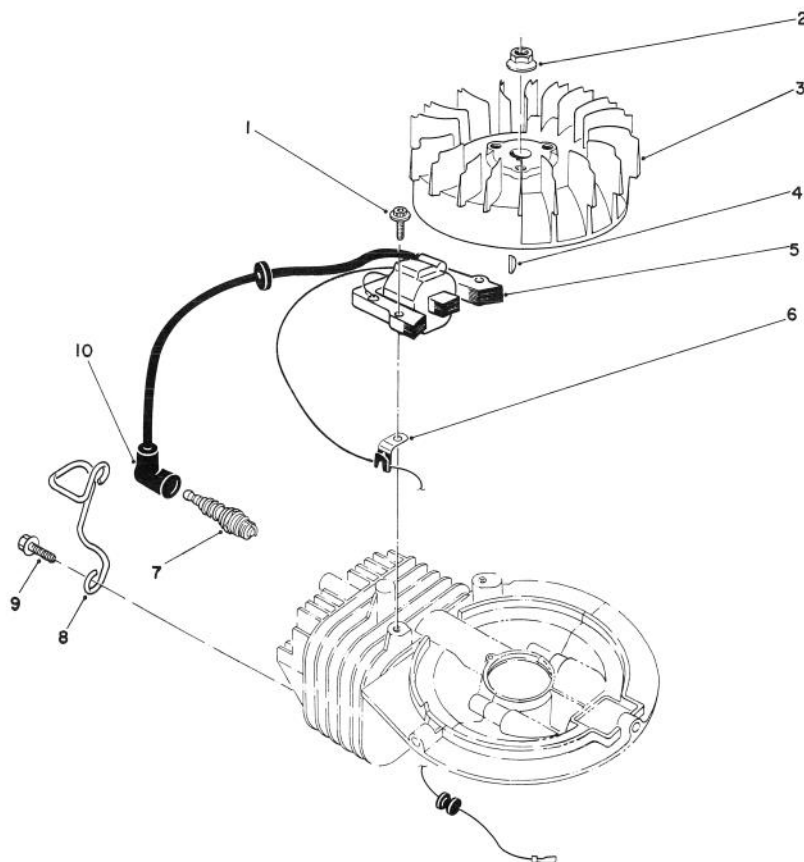
T-0667

MUFFLER ASSEMBLY (Model No. 47PN2-3)

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



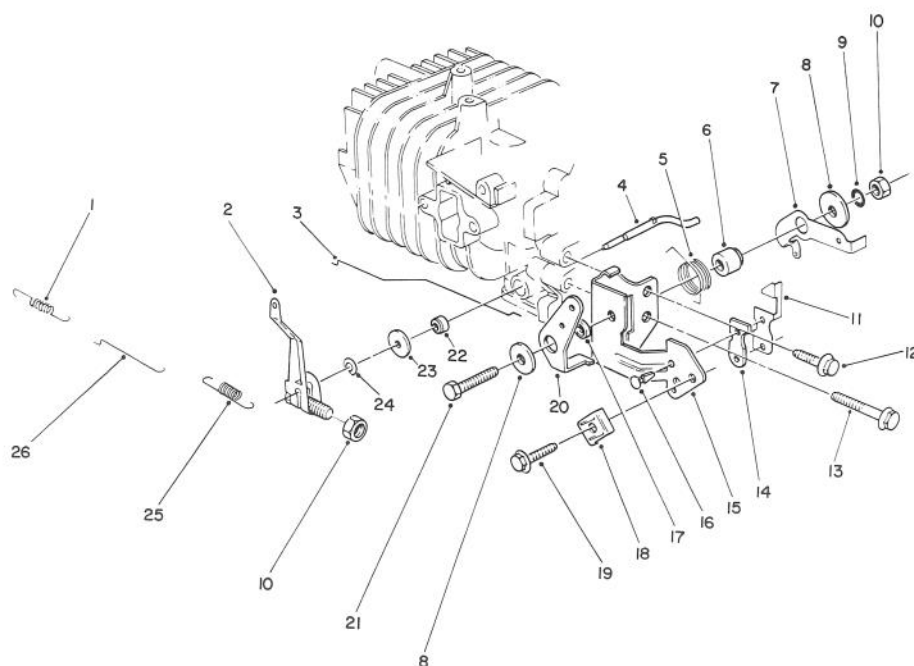
T-0664

IGNITION ASSEMBLY (Model No. 47PN2-3)

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

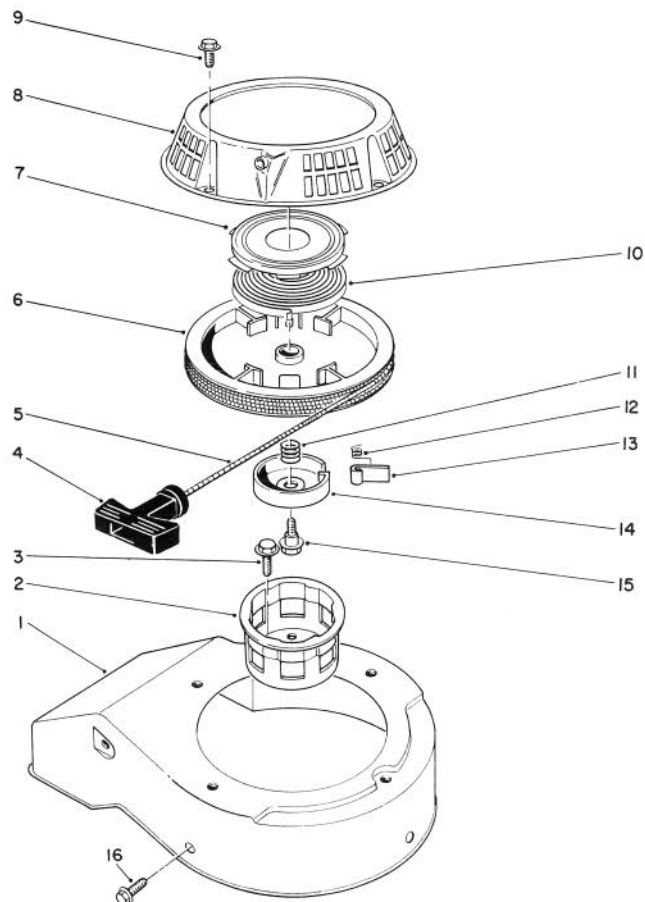


C-0564

GOVERNOR ASSEMBLY (Model No. 47PN2-3)

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



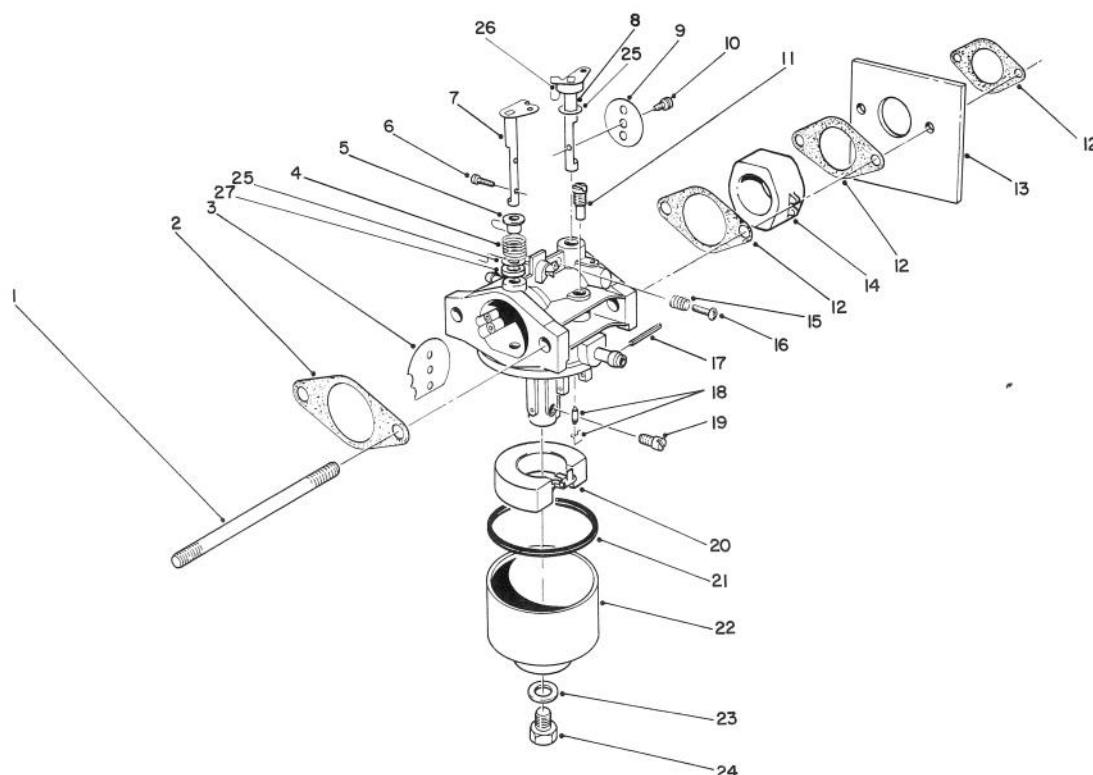
T-1102

RECOIL ASSEMBLY (Model No. 47PN2-3)

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
17	81-5760	Insert - Handle, Recoil	1
*	81-5940	Starter Assembly (Incl. Ref. #4-15)	1
*	81-2300	Spring & Retainer Assembly (Incl. Ref. #7 & 10)	1

*Not Illustrated



C-0563

CARBURETOR ASSEMBLY (Model No. 47PN2-3)

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
*	12-6379	Carburetor Kit (Incl. Ref. #2, 12, 18, 21 & 23)	1
*	81-2520	Carburetor Assy. Complete	1
*	81-5430	Carburetor Ass'y w/Primer	1
*	81-5810	Needle Valve Kit (Incl. Valve Seat & Ref. #18)	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-7501	Washer - Curved	6 11 2	52-2331	Tank - Gas	7 4 1
12-6379	Carburetor Kit	13 * 1	52-2410	Hub - Support, Bearing	1 22 2
12-8099	Short Block	8 * 1	52-2410	Hub - Support, Bearing	5 52 2
13-0409	Housing - Commercial	2 38 1	52-2440	Spacer - Bearing	1 25 2
13-5149	Shaft - Input	4 9 1	52-2440	Spacer - Bearing	5 55 2
13-9739	Upper Case Assembly	4 10 1	52-2450	Bearing	4 1 2
25-7740	Knob - Arm	4 4 2	52-2450	Bearing - Wheel	1 26 4
25-7740	Knob - Arm	1 20 2	52-2450	Bearing - Wheel	5 56 4
26-0670	Screw - Blade	3 21 1	52-2480	Spacer - Wheel	1 30 2
26-5790	Blade	3 20 1	52-3620	Nut - Lock	1 36 2
27-6231	Screw - Pivot	1 29 2	53-1340	Bolt - Self Tapping	12 16 3
27-6300	Key - Square	3 16 1	53-7720	Assembly - Tire & Wheel	2 * 2
29-9271	Gear - 42T	4 27 1	53-7740	Tire	1 21 2
29-9330	Key - Shift	4 30 2	53-7740	Tire	5 51 2
29-9340	Collar - Shift	4 32 1	53-7750	Wheel - Half	5 49 2
29-9570	Bushing - Yoke	4 39 1	53-7780	Plate - Wheel Half	1 23 4
29-9690	Washer - Flat	4 24 1	53-7780	Plate - Wheel Half	5 53 2
33-3208	Rod - Shield	1 17 1	53-7950	Shaft - Intermediate	5 67 1
36-4770	Spacer - Gear	4 26 3	55-4700	Cap - Gas	7 5 1
36-4780	Washer - Flat	4 33 3	55-8010	Sleeve - Gear	4 34 1
36-4792	Washer - Thrust	4 12 4	55-8020	Retainer - Key	4 29 1
36-8070	V-Belt	4 14 1	60-8870	Yoke - Shift	4 23 1
37-7260	Screw - Special	1 9 2	61-8062	Engine - Complete	3 26 1
39-0570	Strap - Mounting	7 2 2	61-8270	Bar - Control	6 1 1
39-6650	Gear - 18T	5 64 1	61-8300	Assembly - Arm, Pivot	1 31 2
39-6660	Pinion - Bevel	5 71 1	62-3830	Washer - Thrust, Keyed	4 45 2
39-6720	Sleeve	4 31 1	62-3860	Decal - Danger	1 2 1
39-6740	Pulley	4 15 1	62-3950	Decal - Pad, Step	1 19 1
39-7842	Key - Square	5 68 1	62-3980	Sleeve	3 9 2
39-9160	Pinion	4 46 2	62-7580	Label - Grease	1 10 1
39-9650	Spring	4 43 2	62-7590	Decal - Control, Traction	6 2 1
39-9680	Key	4 42 2	62-7600	Decal - Fuel Tank	3 3 1
40-1940	Washer - Hardened	1 35 4	63-9330	Body - Air Cleaner	3 6 1
41-7650	Puller - Flywheel	10 * 1	63-9340	Cover - Air Cleaner	3 12 1
42-4740	Gear - 38T	4 28 1	63-9380	Filter - Foam	3 11 1
44-0580	Shield - Rear, Safety	1 18 1	65-5860	Protector - Crankshaft	3 24 1
44-2750	Body - Primer	3 13 1	66-5950	Mount - Bottom, Tank	7 8 1
44-3172	Hose - Primer	3 5 1	66-6150	Handle - Lower	6 21 1
46-3540	Gear - 12T	5 66 1	66-7040	Assembly - Deflector	1 1 1
46-3550	Gear - 14T	5 65 1	66-7190	Retainer - Blade	3 23 1
46-3560	Gear - 52T	4 25 1	66-7360	Decal - Warning	2 42 1
46-7030	Retainer - Cable	1 11 1	66-7460	Bulb - Primer	3 14 1
46-7910	Pulley - Driver	3 15 1	66-7560	Assy. - Spring Arm, Front	1 32 2
47-2910	Washer - Thrust	5 72 1	66-7561	Spring Arm Assy. - Rear	4 5 2
47-6730	Seal	4 21 4	66-9300	Screw - Hex. Flange Hd.	3 25 4
47-7260	Seal	5 73 1	70-1061	Cable - Throttle	6 16 1
47-7270	Bearing - Needle	4 11 2	71-1260	Decal - Pro Line	3 1 1
48-2060	Bearing - Needle	4 3 4	71-9280	Filter - Fuel	7 14 1
48-2170	Cap - End	4 7 2	74-1640	Cover - Wheel	5 59 2
49-1630	Support - Spacer	6 6 2	74-1650	Spacer - Wheel	5 58 2
49-2040	Screw - Self Tapping	4 37 8	74-1720	Wheel & Tire Assembly	5 * 2
49-2040	Screw - Thread Forming	2 40 8	74-1741	Bracket - Adj. Traction	1 13 1
49-7700	Washer - Thrust, Keyed	4 44 2	74-1750	Bracket - Traction, Engage	4 17 1
49-8461	Bracket - Guide, Belt	4 18 1	74-1760	Gear - Bevel	5 63 1
49-8740	Quadrant - Rear L.H.	1 15 1	74-1770	Cover - Belt	1 8 1
49-8750	Quadrant - Rear, R.H.	1 6 1	74-1791	Cable - Traction	6 15 1
49-8760	Quadrant - Front, L.H.	2 37 1	74-1810	Washer	5 61 2
49-8770	Quadrant - Front, R.H.	2 39 1	74-1820	Lever - Control	6 8 1
50-0130	Bolt - Clamp, Cable	11 19 1	74-1851	Pivot Arm Assembly	4 2 2
50-0250	Screw - Idle Stop	13 16 1	74-1861	Gear Case Assembly	5 * 1
50-7180	Nut - Lock	3 10 2	74-1890	Shaft - Output	4 8 1
51-2690	Screw - Hex. Flange Hd.	3 8 1	74-1920	Case - Lower	4 40 1
51-3210	Hose - Fuel (5.62 Lg.)	7 15 1	74-1960	Lever - Shift	4 22 1
51-3211	Hose - Fuel (2.3 Lg.)	7 12 1	74-1970	Decal - Traction Drive	1 12 1
52-2194	Spacer - Retainer, Blade	3 17 1	74-2120	Decal - Safety Instructions	1 7 1
52-2270	Mount - Front, Tank	7 6 1	77-0040	Decal - Recoil	3 2 1
52-2290	Pad - Isolator	7 7 2	81-0090	Gasket	13 2 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
81-0090	Gasket	3 4 1	81-2080	Cover - Fan, Cooling	12 1 1
81-0181	Spark Plug	10 7 1	81-2100	Case - Starter	12 8 1
81-0200	Spark Arrester (Optional)	9 2 1	81-2120	Guard - Spark Plug	10 8 1
81-0220	Bushing - Choke	13 5 1	81-2140	Piston - 58mm	8 5 1
81-0230	Spring - Choke	13 4 1	81-2160	Screw - Choke Plate	13 6 2
81-0240	Valve - Choke	13 3 1	81-2170	Cup - Pulley, Starter	12 2 1
81-0250	Shaft - Throttle	13 8 1	81-2190	Insulator - Carburetor	13 14 1
81-0260	Valve - Throttle	13 9 1	81-2300	Spring & Retainer Assembly	12 * 1
81-0270	Screw - Throttle	13 10 1	81-2340	Jet - Main #72.5 High Alt.	13 * A/R
81-0520	Pin - Crankcase	8 20 2	81-2350	Bolt - Self Tapping	10 9 2
81-0540	Bolt	11 13 1	81-2370	Key - Flywheel	10 4 1
81-0540	Bolt 30mm Lg.	8 15 5	81-2420	Bracket - Throttle	11 15 1
81-0560	Plate - Mounting	8 19 1	81-2430	Clamp - Cable	11 18 1
81-0570	Bolt	8 18 4	81-2450	Cover - Muffler	9 5 1
81-0590	Piston Ring Set	8 2 1	81-2460	Spring - Lever, Choke	11 5 1
81-0600	Pin - Wrist	8 4 1	81-2470	Spacer - Lever, Choke	11 17 1
81-0610	Bearing - Wrist Pin	8 17 1	81-2520	Carburetor Assy. Complete	13 * 1
81-0620	Circlip	8 3 2	81-2530	Seal	13 25 2
81-0690	Bearing - Upper 20mm	8 8 1	81-2540	Ring	13 26 1
81-0700	Bearing - Lower 25mm	8 12 1	81-2550	Packing	13 27 1
81-0710	Washer - Thrust, Upper	8 7 1	81-2580	Spring - Idle Stop	13 15 1
81-0720	Seal - Oil, Upper	8 6 1	81-2600	Pin - Float	13 17 1
81-0730	Washer - Thrust, Lower	8 13 1	81-2800	Crankcase/Cylinder Assy.	8 1 1
81-0740	Seal - Oil, Lower	8 14 1	81-2810	Flywheel - Magneto	10 3 1
81-0750	Bracket - Arm, Governor	8 11 1	81-2820	Coil/Ignition Assembly	10 5 1
81-0760	Pin - Crankshaft	8 16 1	81-2830	Spring - Governor	11 25 1
81-0770	Spacer - Governor	8 10 1	81-2850	Lever - Governor	11 7 1
81-0780	Gasket - Carburetor	13 12 3	81-2880	Shaft - Governor	11 4 1
81-0850	Seal - Shaft, Governor	11 22 1	81-4530	Rivet - Kill Switch	11 16 2
81-0860	Washer	11 23 1	81-4680	Crankshaft/Connecting Rod	8 9 1
81-0870	Ring - Retaining	11 24 1	81-4910	Needle Valve	13 18 1
81-0900	Nut	11 10 2	81-5410	Rod - Choke	11 3 1
81-0910	Rod - Carburetor	11 26 1	81-5420	Governor Arm/Bolt Assy.	11 2 1
81-0920	Spring - Carburetor Rod	11 1 1	81-5430	Carburetor Ass'y w/Primer	13 * 1
81-0970	Float	13 20 1	81-5450	Stud Bolt, Carburetor	13 1 2
81-1010	Gasket - Bowl, Float	13 21 1	81-5490	Shield - Carburetor	13 13 1
81-1020	Gasket - Capscrew, Bowl	13 23 1	81-5660	Bowl - Float	13 22 1
81-1030	Jet - Pilot #40	13 11 1	81-5670	Capscrew - Bowl	13 24 1
81-1060	Jet - Main #75	13 19 1	81-5680	Screw - Cap, Hex Hd.	10 1 2
81-1080	Gasket - Muffler	9 1 1	81-5690	Muffler	9 4 1
81-1100	Bolt	9 6 2	81-5760	Insert - Handle, Recoil	12 17 1
81-1110	Nut	9 8 2	81-5810	Needle Valve Kit	13 * 1
81-1120	Washer - Lock	9 7 2	81-5940	Starter Assembly	12 * 1
81-1140	Screw - Phillips Hd.	9 10 2	82-9953	Assy. - Bracket, Throttle	6 12 1
81-1150	Bolt - Self Tapping	9 9 1	92-1586	Handle - Upper	6 23 1
81-1170	Bolt - Self Tapping	11 12 1	2412-95	Clamp - Hose, Fuel	7 11 4
81-1210	Pulley - Rope	12 6 1	252-103	Bearing - Closed	5 69 2
81-1220	Spring - Dog	12 12 1	256-276	Spacer - Plastic	6 7 1
81-1230	Dog - Starter	12 13 1	257-3	Washer - Pivot	1 33 2
81-1240	Spring - Compression	12 11 1	302-26	Fitting - Grease	4 6 2
81-1250	Retainer - Dog	12 14 1	302-63	Fitting - Grease	4 13 1
81-1260	Bolt - Shoulder	12 15 1	304-71	Valve - Shutoff, Fuel	7 10 1
81-1270	Rope	12 5 1	321-2	Screw - Cap Hex. Hd.	1 28 8
81-1280	Bolt	12 9 4	321-2	Screw - Cap, Hex. Hd.	5 48 8
81-1300	Bolt	12 3 3	321-4	Screw - Cap Hex. Hd.	6 5 1
81-1330	Nut	10 2 1	321-5	Screw - Cap Hex. Hd.	1 5 2
81-1450	Washer - Lock	11 9 1	321-7	Screw - Cap Hex. Hd.	2 41 1
81-1480	Clamp	10 6 1	321-13	Screw - Cap Hex. Hd.	6 10 2
81-1500	Cap Assembly - Spark Plug	10 10 1	322-4	Screw - Cap Hex. Hd.	7 13 2
81-1630	Handle - Recoil	12 4 1	322-6	Screw - Cap Hex. Hd.	6 20 4
81-1710	Lever - Choke	11 20 1	322-10	Screw - Cap Hex. Hd.	6 9 2
81-1730	Bolt - Bracket, Throttle	11 21 1	322-12	Screw - Cap Hex. Hd.	6 22 2
81-1750	Washer - Lever, Choke	11 8 2	323-12	Screw - Cap Hex. Hd.	1 27 2
81-1770	Spacer - Lever, Governor	11 6 1	323-13	Screw - Cap, Hex. Hd.	5 57 2
81-1830	Insulator - Kill Switch	11 14 1	3217-5	Nut - Hex.	7 3 2
81-1840	Terminal - Kill Switch	11 11 1	3253-22	Washer - Lock	3 22 1
81-1950	Shaft - Choke	13 7 1	3254-6	Washer - Internal Tooth	3 18 3

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3256-16	Washer	3 7 1	3296-42	Nut - Lock	5 54 8
3256-22	Washer - Flat	1 4 6	3296-47	Nut - Lock	6 17 2
3257-1	Key - Woodruff	5 74 2	3296-58	Nut - Lock	6 4 2
3274-62	Screw - Cap Hex. Soc. Hd.7	1 2	32121-99	Pin - Roll	4 19 1
3285-19	Pin - Groove	4 35 1	32144-70	Screw - Thread Forming	1 14 1
3290-378	Tie - Cable	6 14 1	32144-70	Screw - Thread Forming	3 19 3
3290-378	Tie - Cable	1 16 1	32151-36	Ring - Retaining	5 62 2
3290-456	Washer - Belleville	6 19 4	32151-57	Ring - Retaining	5 70 1
3296-5	Nut - Lock	4 16 1	32151-68	Ring - Klip	4 47 4
3296-29	Nut - Lock	7 9 2	32151-86	E-Ring	6 13 2
3296-29	Nut - Lock	6 18 4	32152-2	Nut - Lock	1 34 2
3296-42	Nut - Lock	1 3 11	32152-2	Nut - Lock	5 60 2
3296-42	Nut - Lock	6 3 1			