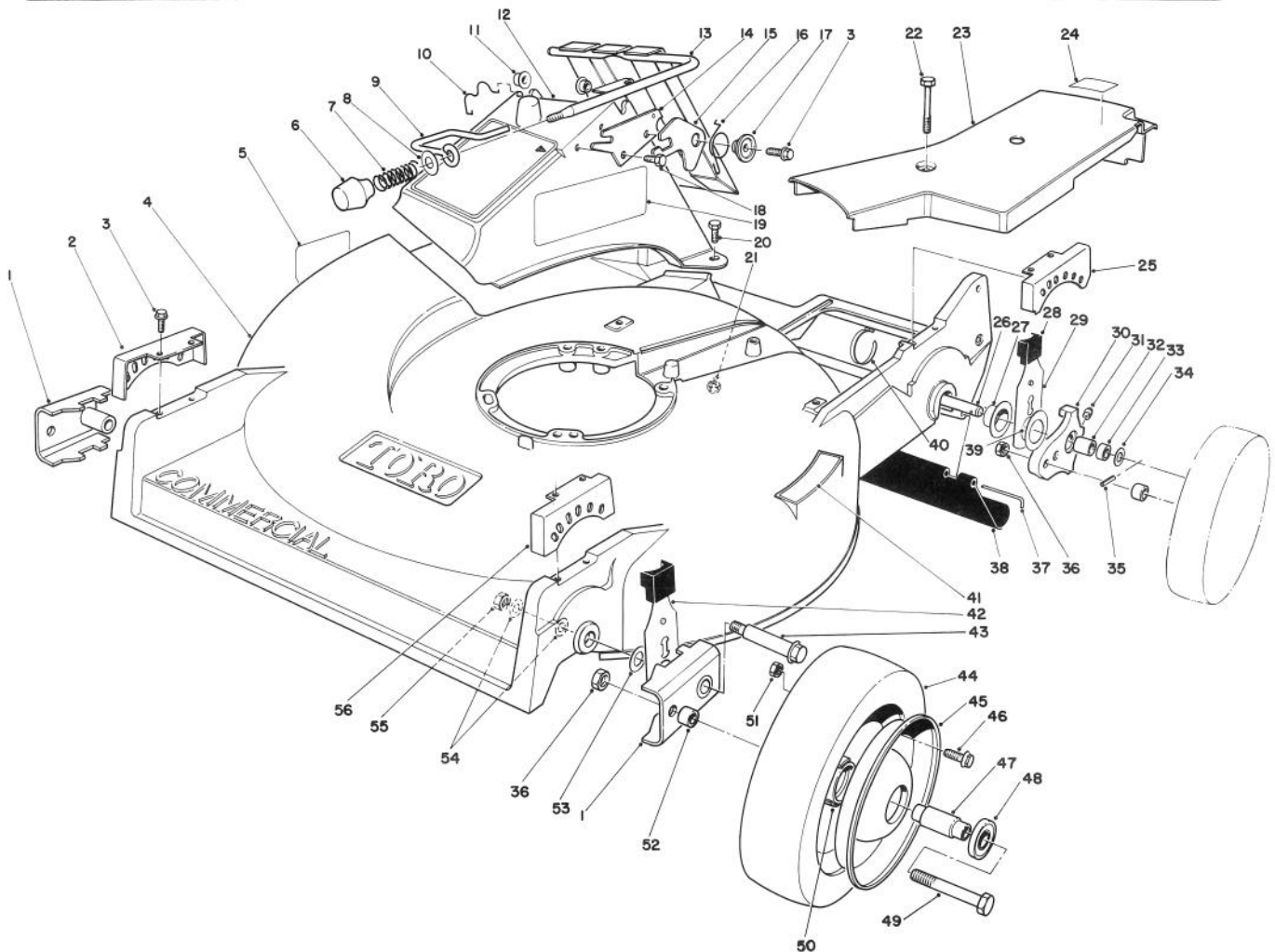


TORO®

MODEL NO. 22030-8000001 & UP
MODEL NO. 22035-8002990 & UP

PARTS CATALOG

21" Commercial Rear Bagger H.P. & S.P. 2-Cycle

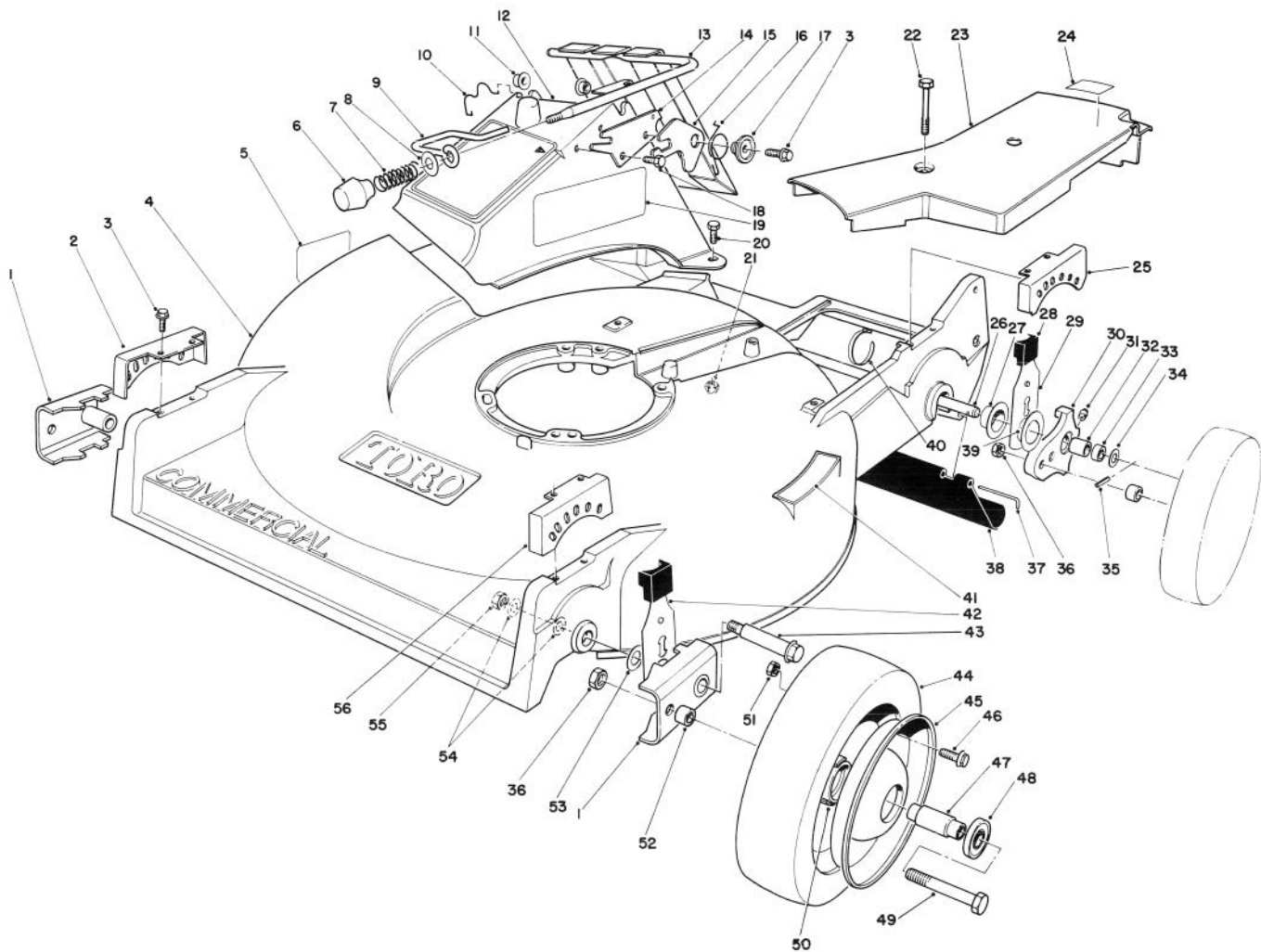


HOUSING ASSEMBLY (Model 22030)

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	9
4	12-6189	Housing — Commercial (Incl. Ref. #5, 41)	1
5	39-5770	Decal — Danger	1
6	233-37	Knob	1
7	23-0920	Spring — Compression	1
8	3256-25	Washer — Plain	1
9	23-0940	Latch — Door	1
10	33-4830	Retainer — Door	1
11	23-0880	Bushing	2
12	36-1350	Chute — Discharge	1
13	33-5660	Door Handle	1
14	23-1040	Latch Plate	1

Ref. No.	Part No.	Description	No. Used
15	42-4010	Latch — Safety	1
16	33-4860	Spring — Torsion	1
17	43-4840	Latch — Spacer	1
18	32104-17	Screw — Cap, Hex Hd.	1
19	29-4720	Decal — Safety Instructions	1
20	321-7	Screw — Cap, Hex Hd.	2
21	3296-42	Nut — Lock	2
22	37-7260	Screw — Special	2
23	63-9441	Cover — Belt	1
24	52-2610	Label — Grease	1
25	49-8740	Quadrant — Rear L.H.	1
*	49-8750	Quadrant — Rear R.H.	1
26	49-8790	Shaft — Rear Axle	1
27	48-2170	Cap — End	2

*Not Illustrated

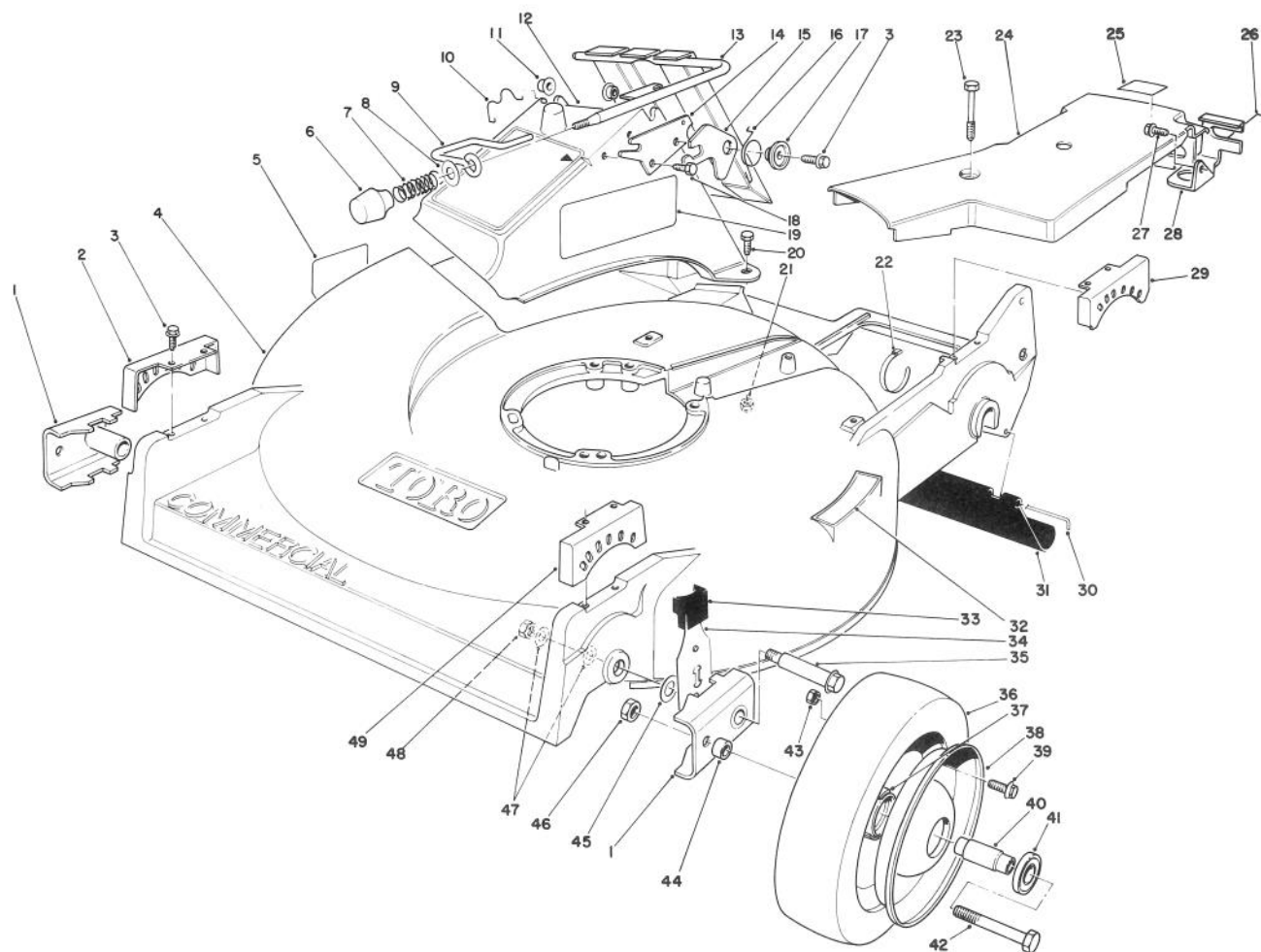


HOUSING ASSEMBLY (Model 22030) (Continued)

Ref. No.	Part No.	Description	No. Used
28	25-7740	Knob — Arm	4
29	66-7561	Spring Arm Assembly Rear	2
30	42-3510	Pivot Arm (Incl. Ref. #31-33)	2
31	302-56	Grease Fitting	4
32	47-2900	Bushing	4
33	47-2890	Bushing	4
34	36-4780	Washer — Thrust	2
35	32121-108	Roll Pin	2
36	32152-2	Nut — Lock	4
37	33-3208	Rod — Shield	1
38	44-0580	Shield — Rear Safety	1
39	36-4770	Washer	A/R
40	3290-378	Cable Tie	1
41	46-7370	Decal — Step Pad	1
42	66-7560	Spring Arm Assembly Front	2
43	27-6231	Screw — Pivot	2
44	53-7740	Tire	4

Ref. No.	Part No.	Description	No. Used
45	53-7780	Plate — Wheel Half	8
46	3234-26	Hex Flange Capscrew	16
47	52-2440	Spacer — Bearing	4
48	52-2450	Bearing	8
49	323-12	Hex Hd. Capscrew	4
50	52-2410	Hub — Bearing Support	4
51	3296-56	Locknut	16
52	52-2480	Spacer — Wheel	4
53	257-3	Washer — Pivot	2
54	40-1940	Washer — Hardened	4
55	52-3620	Nut — Lock	2
56	49-8760	Quadrant — Front L.H.	1
*	53-7720	Wheel & Tire Assembly (Incl. Ref. #44-48, 50 & 51)	4
*	11-5639	Chute & Door Assembly (Incl. Ref. #3 & 6-21)	1

*Not Illustrated

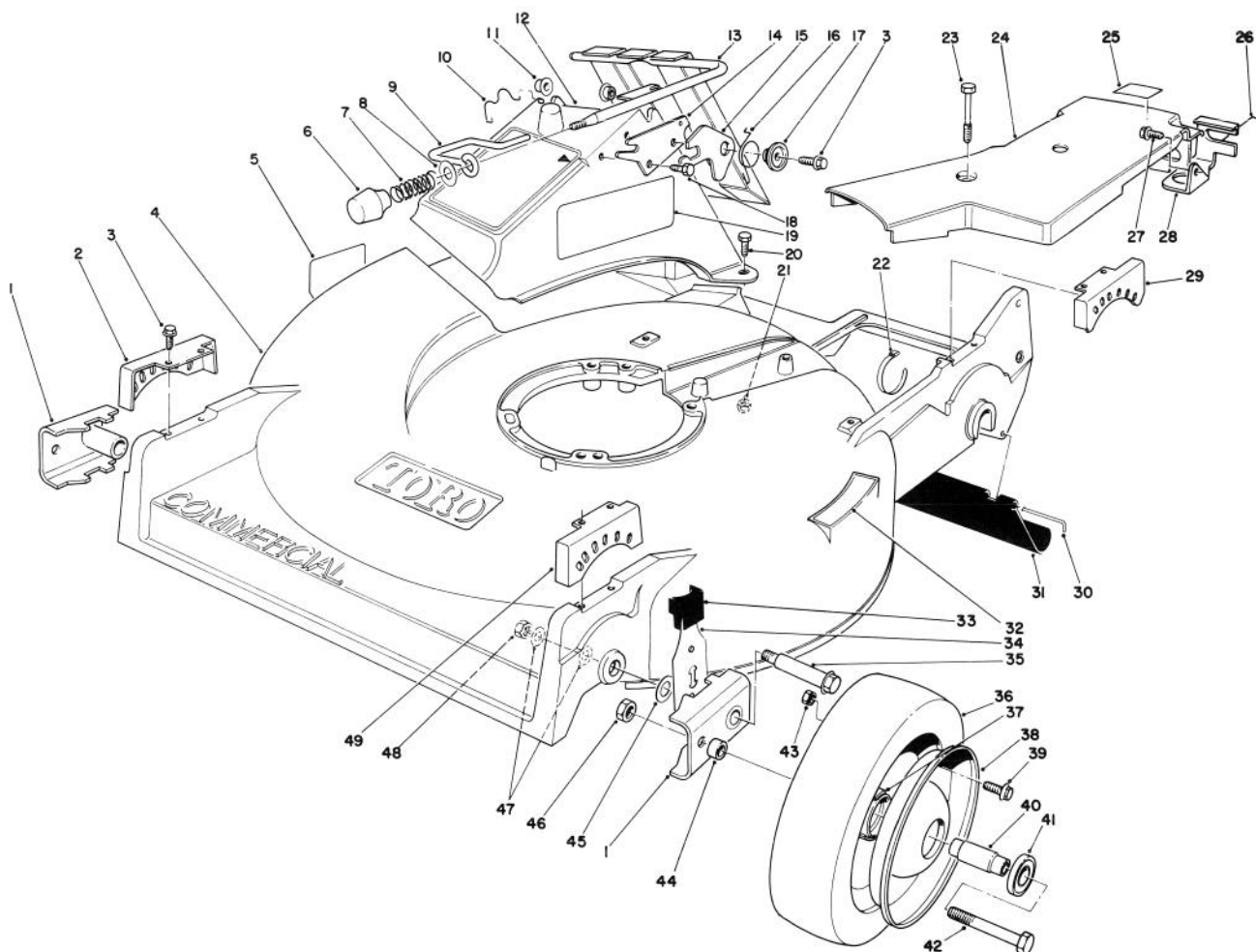


HOUSING ASSEMBLY (Model 22035)

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	9
4	12-6189	Housing — Commercial (Incl. Ref. #5 & 32)	1
5	39-5770	Decal — Danger	1
6	233-37	Knob	1
7	23-0920	Spring — Compression	1
8	3256-25	Washer	1
9	23-0940	Latch — Door	1
10	33-4830	Retainer — Door	1
11	23-0880	Bushing	2
12	36-1350	Chute — Discharge	1
13	33-5660	Door Handle	1
14	23-1040	Latch Plate	1
15	42-4010	Latch — Safety	1
16	33-4860	Spring — Torsion	1
17	43-4840	Latch — Spacer	1
18	32104-17	Screw — Self Tapping Hex Hd.	1
19	29-4720	Decal — Safety Instructions	1
20	321-7	Screw — Cap Hex Hd.	2
21	3296-42	Nut — Lock	2

Ref. No.	Part No.	Description	No. Used
22	3290-378	Cable Tie	1
23	37-7260	Screw — Special	2
24	63-9440	Cover — Belt	1
25	52-2620	Label — Grease	1
26	46-7030	Retainer — Cable	1
27	32144-70	Screw — Thread Forming	1
28	62-3940	Bracket — Traction Adj.	1
29	49-8740	Quadrant — Rear L.H.	1
*	49-8750	Quadrant — Rear R.H.	1
30	33-3208	Rod — Shield	1
31	44-0580	Shield — Rear Safety	1
32	46-7370	Decal — Step Pad	1
33	25-7740	Knob — Arm	2
34	66-7560	Spring Arm Assembly Front	2
35	27-6231	Screw — Pivot	2
36	53-7740	Tire	2
37	52-2410	Hub — Bearing Support	2
38	53-7780	Plate — Wheel Half	4
39	3234-26	Hex Flange Capscrew	8
40	52-2440	Spacer — Bearing	2
41	52-2450	Bearing — Wheel	4
42	323-12	Hex Hd. Capscrew	2

*Not Illustrated

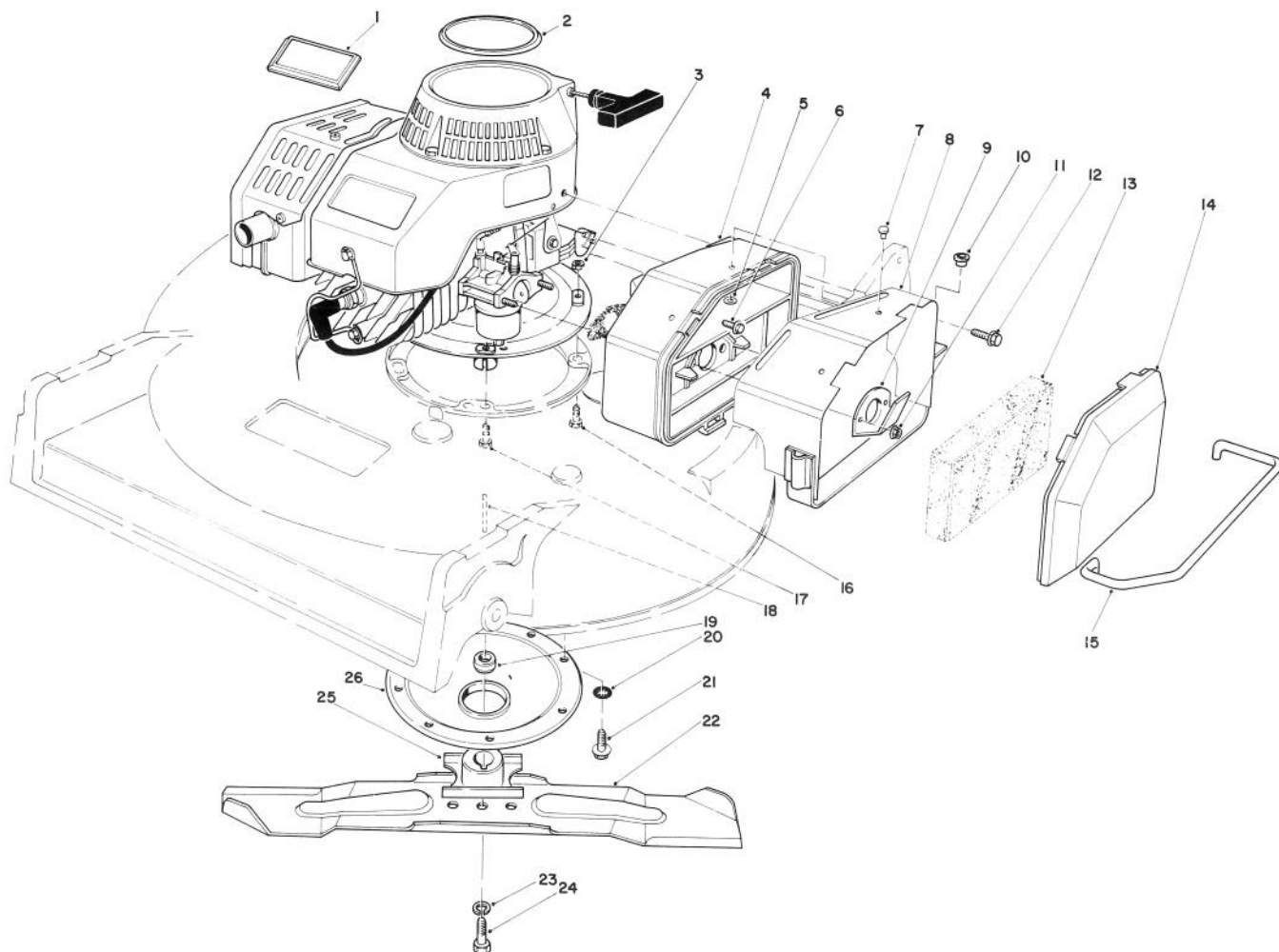


HOUSING ASSEMBLY (Model 22035) (Continued)

Ref. No.	Part No.	Description	No. Used
43	3296-56	Locknut	8
44	52-2480	Spacer — Wheel	2
45	257-3	Washer — Pivot	2
46	32152-2	Nut — Lock	2
47	40-1940	Washer — Hardened	4
48	52-3620	Nut — Lock	2

Ref. No.	Part No.	Description	No. Used
49	49-8760	Quadrant — Front L.H.	1
*	53-7720	Wheel & Tire Assembly (Incl. Ref. #36-41 & 43)	2
*	11-5639	Chute & Door Assembly (Incl. Ref. #3 & 6-21)	1

*Not Illustrated

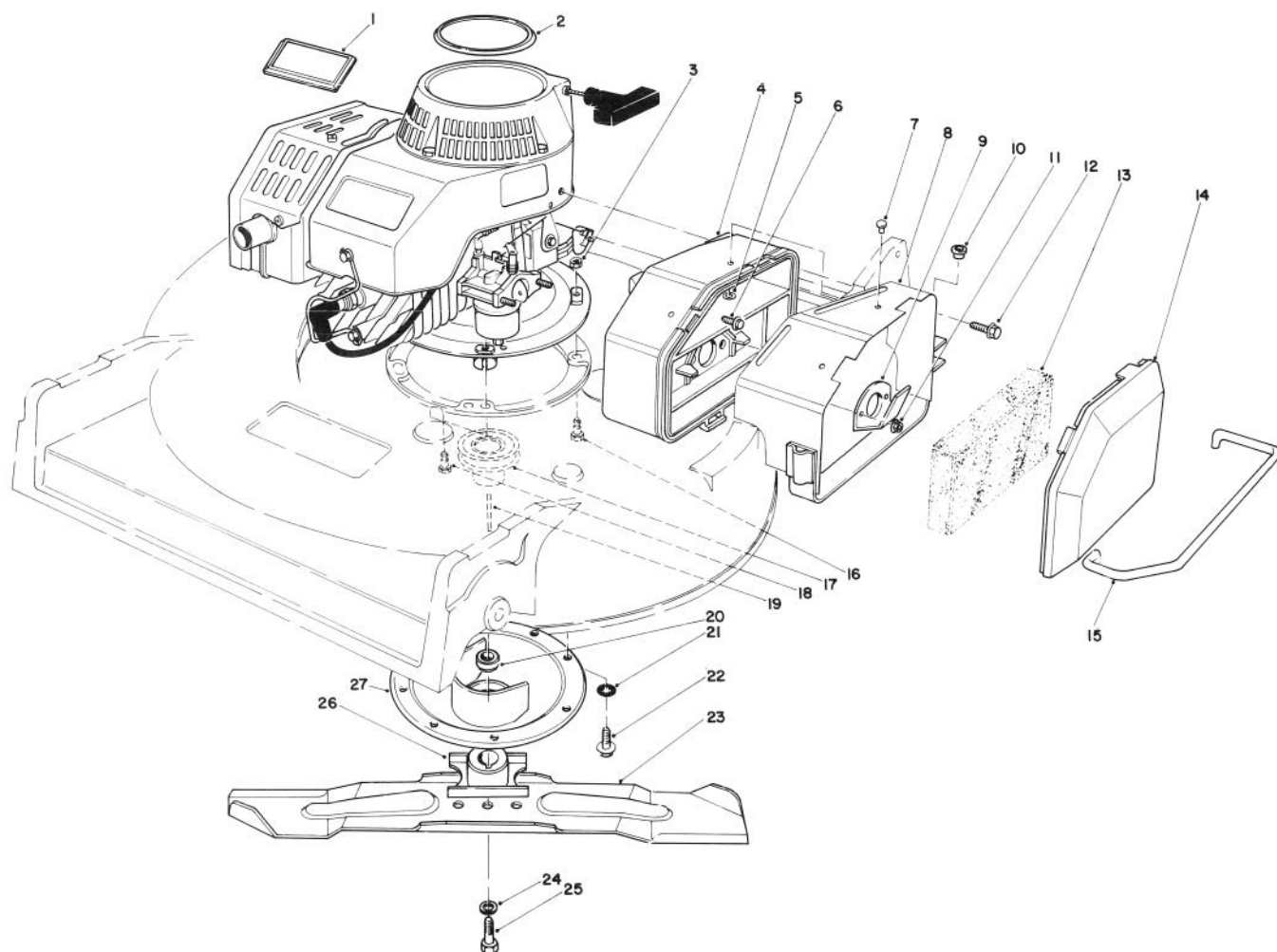


ENGINE ASSEMBLY (Model 22030)

Ref. No.	Part No.	Description	No. Used
1	46-8291	Plate — Logo Toro	1
2	49-9030	Plate — Logo Engine	1
3	3218-3	Nut — Hex Jam	3
4	52-2200	Air Cleaner Assembly (Incl. Ref. #5, 7, 8)	1
5	3269-6	Washer	2
6	51-3220	Capscrew — Hex Flange	1
7	3269-5	Rivet	2
8	52-2250	Air Cleaner Band	1
9	81-0140	Deflector — Spitback	1
10	237-127	Snap Bushing	1
11	49-7810	Locknut — Hex Flange	2
12	81-1280	Capscrew — Hex Flange	1
13	81-0100	Filter — Foam	1
14	81-0120	Cover — Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
15	52-2240	Guard — Air Cleaner	1
16	323-7	Screw — Cap Hex Hd.	3
17	323-6	Screw — Cap Hex Hd.	1
18	27-8590	Key — Square	1
19	52-2190	Spacer — Blade Retainer	1
20	3254-6	Washer — Internal Tooth Locking	3
21	32144-70	Screw — Thread Forming Hex Hd.	3
22	42-1000	Blade	1
23	3253-22	Washer — Lock	1
24	26-0670	Screw — Blade	1
25	52-2170	Blade — Retainer	1
26	48-2591	Crankshaft Protector	1
*	61-8061	Complete Engine	1

*Not Illustrated

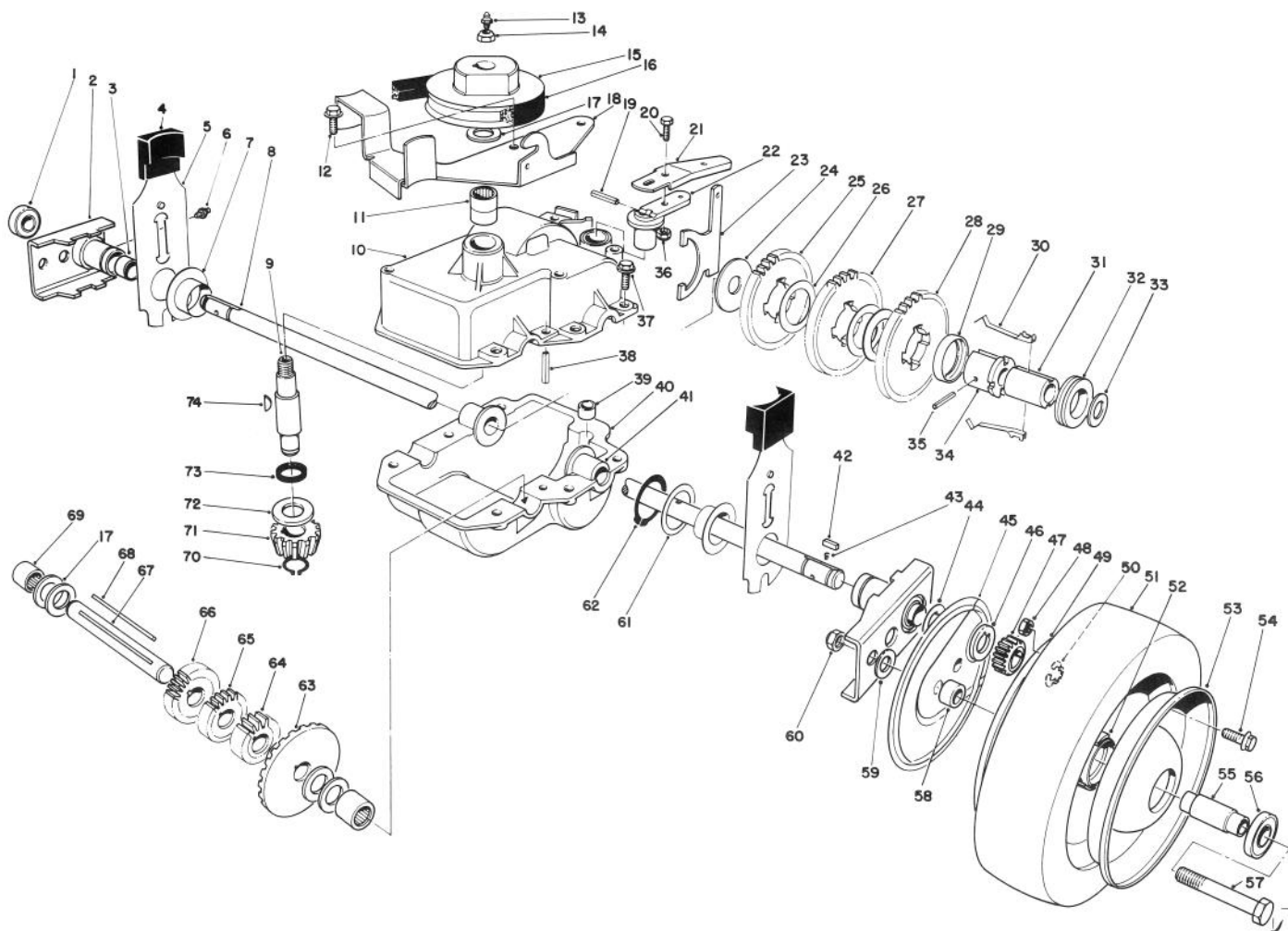


ENGINE ASSEMBLY (Model 22035)

Ref. No.	Part No.	Description	No. Used
1	46-8291	Plate — Logo Toro	1
2	49-9030	Plate — Logo Engine	1
3	3218-3	Nut — Hex Jam	3
4	52-2200	Air Cleaner Assembly (Incl. Ref. #5, 7, 8)	1
5	3269-6	Washer	2
6	51-3220	Capscrew — Hex Flange	1
7	3269-5	Rivet	2
8	52-2250	Air Cleaner Band	1
9	81-0140	Deflector — Spitback	1
10	237-127	Snap Bushing	1
11	49-7810	Locknut — Hex Flange	2
12	81-1280	Capscrew — Hex Flange	1
13	81-0100	Filter — Foam	1
14	81-0120	Cover — Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
15	52-2240	Guard — Air Cleaner	1
16	323-7	Screw — Cap Hex Hd.	3
17	46-7910	Pulley — Driver	1
18	323-6	Screw — Cap Hex Hd.	1
19	27-6300	Key Square	1
20	52-2190	Spacer — Blade Retainer	1
21	3254-6	Lockwasher — Internal Tooth	3
22	32144-70	Screw — Thread Forming Hex Hd.	3
23	42-1000	Blade 21"	1
24	3253-22	Washer — Lock	1
25	26-0670	Screw — Blade	1
26	52-2170	Blade Retainer	1
27	65-5860	Crankshaft Protector Assy.	1
*	61-8061	Complete Engine	1

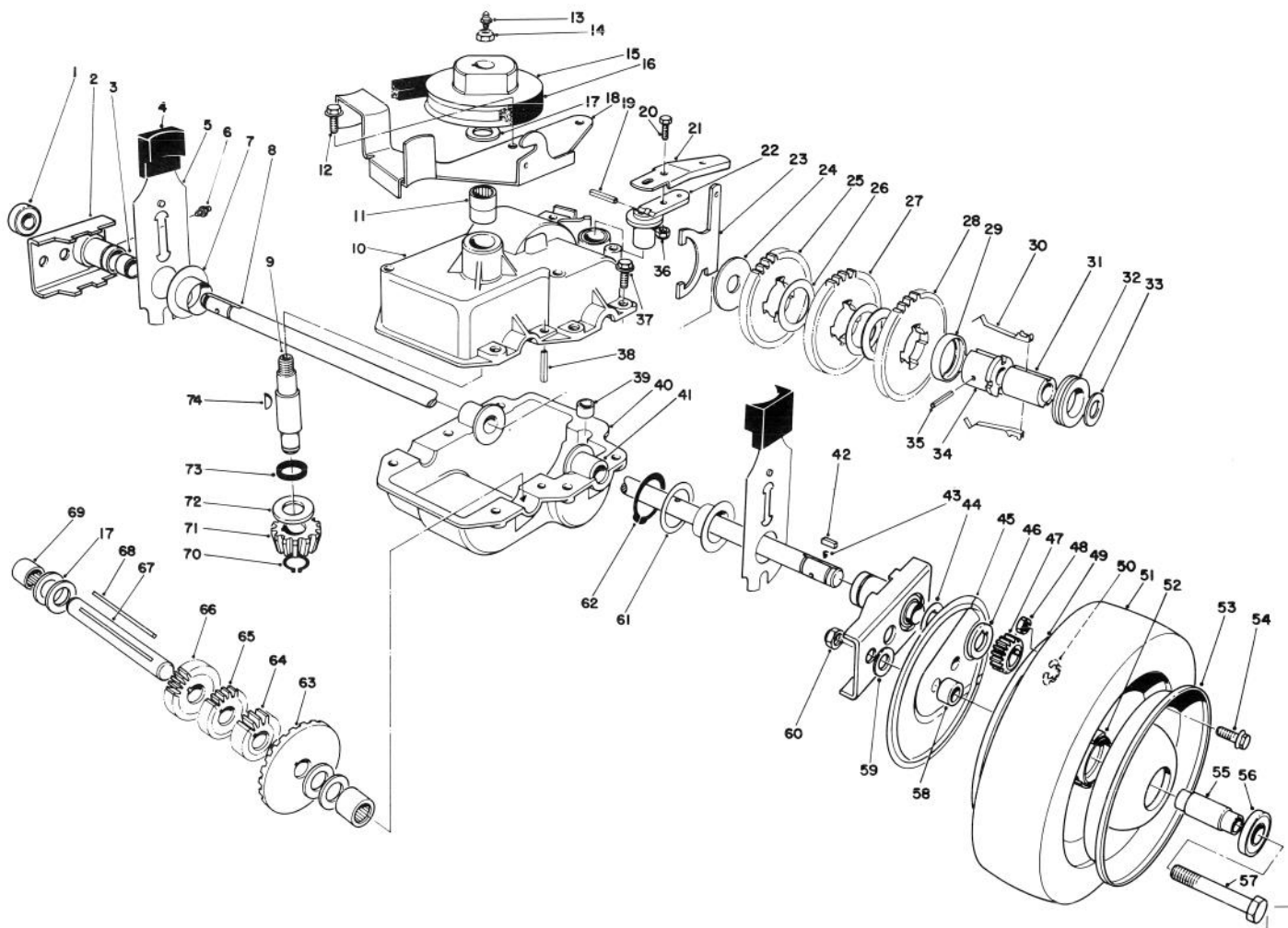
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GEAR CASE ASSEMBLY (Model 22035)

Ref. No.	Part No.	Description	No. Used
1	52-2450	Ball Bearing	2
2	66-7350	Pivot Arm Assembly (Incl. Ref. #1, 3 & 6)	2
3	47-2890	Bushing	2
4	25-7740	Knob arm	2
5	66-7561	Spring Arm Assembly — Rear	2
6	302-55	Grease Fitting	2
7	48-2170	Cap — End	2
8	66-7330	Shaft — Output	1
9	48-2460	Shaft — Input	1
10	11-6029	Upper Case Assembly (Incl. Ref. #11 & 73)	1
11	47-7270	Needle — Bearing	2
12	12-3270	Screw — Special	2
13	302-5	Grease Fitting	1
14	3296-5	Nut — Lock	1
15	39-6740	Pulley	1
16	36-8070	V-Belt	1
17	36-4790	Thrust Washer	5
18	49-8461	Belt Guide Bracket	1
19	32121-99	Pin — Roll	1
20	3290-134	Screw — Machine Hex Hd.	1

Ref. No.	Part No.	Description	No. Used
21	55-8040	Cover — Shift Lever	1
22	29-9560	Shift Lever	1
23	29-9520	Shift Yoke	1
24	29-9690	Washer — Plain	1
25	42-4740	Gear — 38T	1
26	36-4770	Spacer — Gear	3
27	29-9271	Gear — 42T	1
28	46-3560	Gear — 52T	1
29	55-8020	Key Retainer	1
30	29-9330	Key — Shift	2
31	39-6720	Sleeve	1
32	29-9340	Shift Collar	1
33	36-4780	Washer — Plain	1
34	55-8010	Sleeve — Gear	1
35	3285-19	Pin — Groove	1
36	3296-2	Locknut	1
37	49-2040	Screw — Self Tapping Hex Washer Hd.	6
38	32121-100	Pin — Roll	1
39	29-9570	Bushing — Yoke	1
40	48-2440	Case — Lower	1
41	48-2450	Bushing — Output Shaft	2

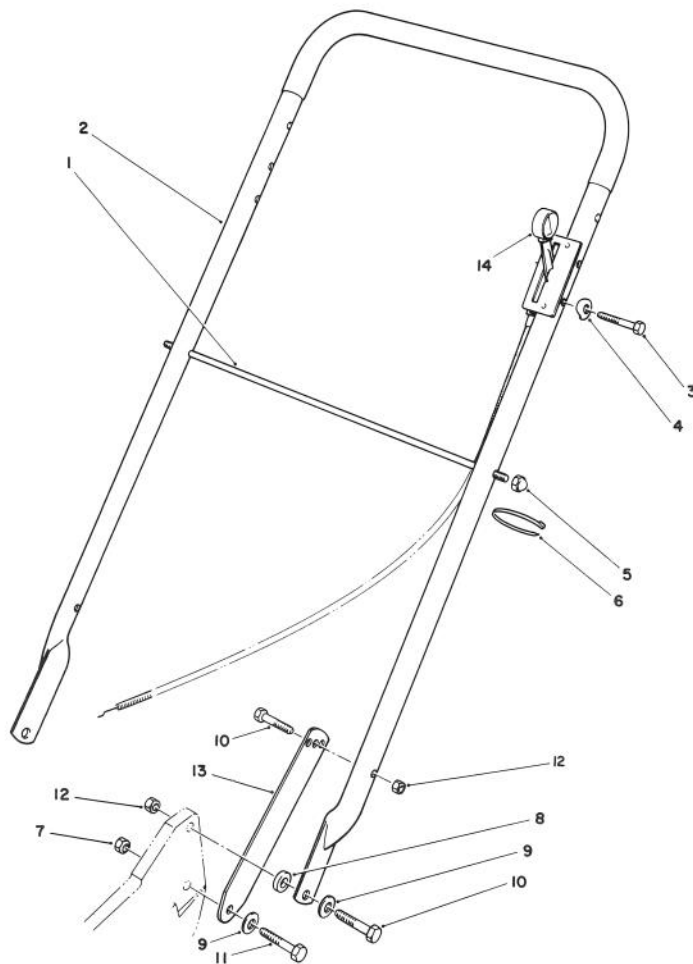


GEAR CASE ASSEMBLY (Model 22035) (Continued)

Ref. No.	Part No.	Description	No. Used
42	39-9680	Key	2
43	39-9650	Spring	2
44	62-3830	Washer — Thrust Keyed	2
45	52-4860	Cover — Gear	2
46	49-7700	Washer — Thrust Keyed	2
47	39-9160	Pinion	2
48	3296-56	Locknut	8
49	53-7750	Wheel — Half	2
50	32151-68	Klip Ring	4
51	53-7740	Tire	2
52	52-2410	Hub — Bearing Support	2
53	53-7780	Plate — Wheel Half	2
54	3234-26	Hex Flange Screw	8
55	52-2440	Spacer — Bearing	2
56	52-2450	Bearing — Wheel	4
57	323-12	Hex Hd. Capscrew	2
58	52-2480	Spacer — Wheel	2
59	40-1940	Washer — Wheel	2
60	32152-2	Nut — Lock	2

Ref. No.	Part No.	Description	No. Used
61	36-4770	Washer	2
62	32151-36	Ring — Retaining	2
63	39-6670	Gear — Bevel	1
64	46-3540	Gear — 12T	1
65	46-3550	Gear — 14T	1
66	39-6650	Gear — 18T	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	Thrust Washer	1
73	47-7260	Seal	1
74	3257-1	Key Woodruff	2
*	61-8031	Gear Case Assembly (Incl. Ref. #8-11, 13-15, 17, 23-35, 37-41 & 63-74)	1
*	53-7730	Wheel & Tire Assembly (Incl. Ref. #48-49 & 51-56)	2

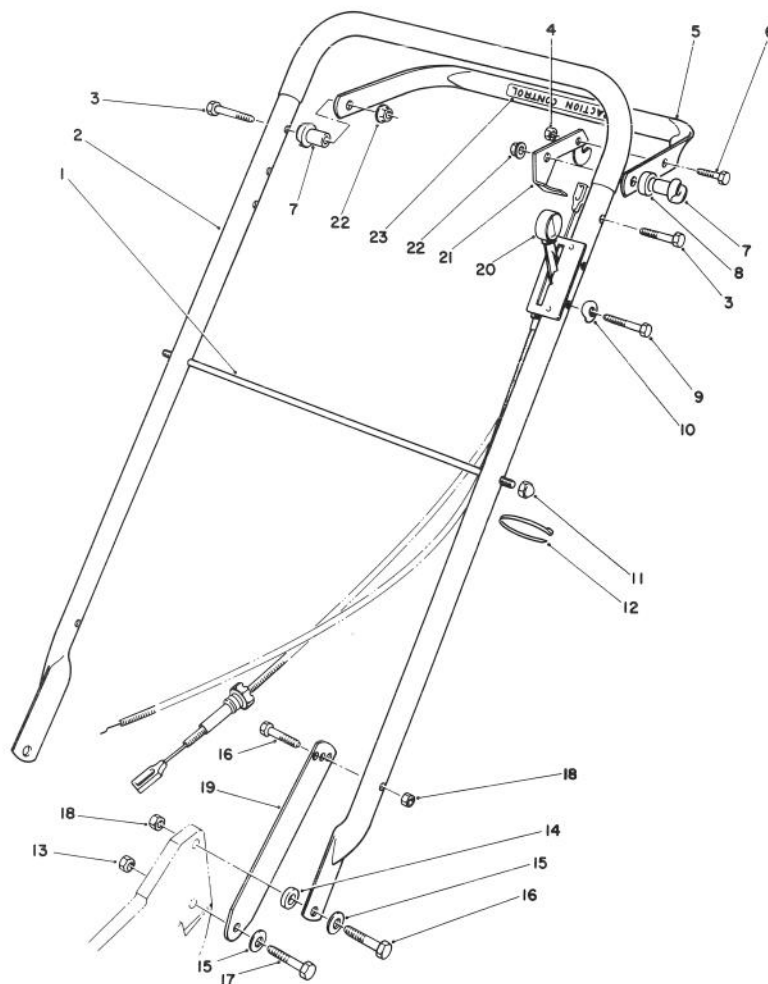
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HANDLE ASSEMBLY (Model 22030)

Ref. No.	Part No.	Description	No. Used
1	48-2810	Rod — Bag Support	1
2	66-7420	Handle	1
3	321-13	Screw — Cap Hex Hd.	2
4	3-7501	Washer — Curved	2
5	32111-7	Nut — Cap Locking	2
6	3290-378	Cable Tie	1
7	3296-47	Nut — Lock	2
8	26-4840	Spacer	2
9	3290-456	Washer	4

Ref. No.	Part No.	Description	No. Used
10	322-7	Screw — Cap Hex Hd.	4
11	322-6	Hex Hd. Capscrew	2
12	3296-29	Nut — Lock	4
13	65-5830	Latch — Handle	2
14	65-4992	Control — Throttle Bend Type #1 Sheath Lg. 49.5 Inch Wire Lg. 2.8 Inch	1



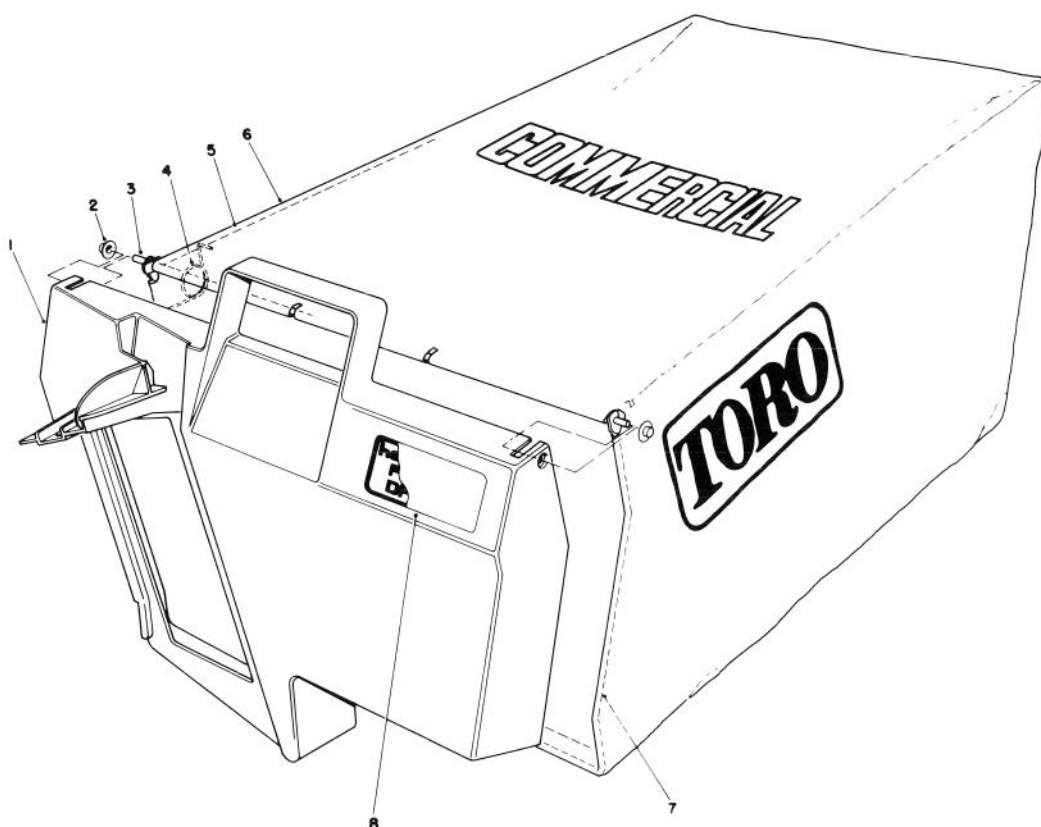
HANDLE ASSEMBLY (Model 22035)

Ref. No.	Part No.	Description	No. Used
1	48-2810	Rod — Bag Support	1
2	66-7420	Handle	1
3	322-10	Hex Hd. Capscrew	2
4	3296-42	Locknut	1
5	61-8270	Bar — Control	1
6	321-4	Hex Hd. Capscrew	1
7	49-1630	Support — Spacer	2
8	256-276	Spacer	1
9	321-13	Hex Hd. Capscrew	2
10	3-7501	Washer — Curved	2
11	32111-7	Nut — Acorn	2
12	3290-378	Cable Tie	1
13	3296-47	Locknut	2

Ref. No.	Part No.	Description	No. Used
14	26-4840	Spacer	2
15	3290-456	Washer — Flat	4
16	322-7	Hex Hd. Capscrew	4
17	322-6	Hex Hd. Capscrew	2
18	3296-29	Locknut	4
19	65-5830	Latch — Handle	2
20	65-4993	Control — Throttle/Traction Bend Type #1 Sheath Lg. 49.5 Inch Wire Lg. 2.8 Inch	1
21	46-7950	Lever — Control	1
22	32128-13	Hex Flange Nut	2
23	48-2750	Decal — Traction Control	1



Ref. No.	Part No.	Description	No. Used
9	52-2310	Mount — Tank Bottom	1
10	304-71	Valve — Fuel Shutoff	1
11	3296-29	Nut — Lock	2
12	2412-95	Clamp — Fuel Line	4
13	51-3211	Line — Fuel (2.3" Lg.)	1
14	322-5	Screw — Cap Hex Hd.	2
15	56-6360	Filter — Fuel	1
16	51-3213	Line — Fuel (5" Lg.)	1

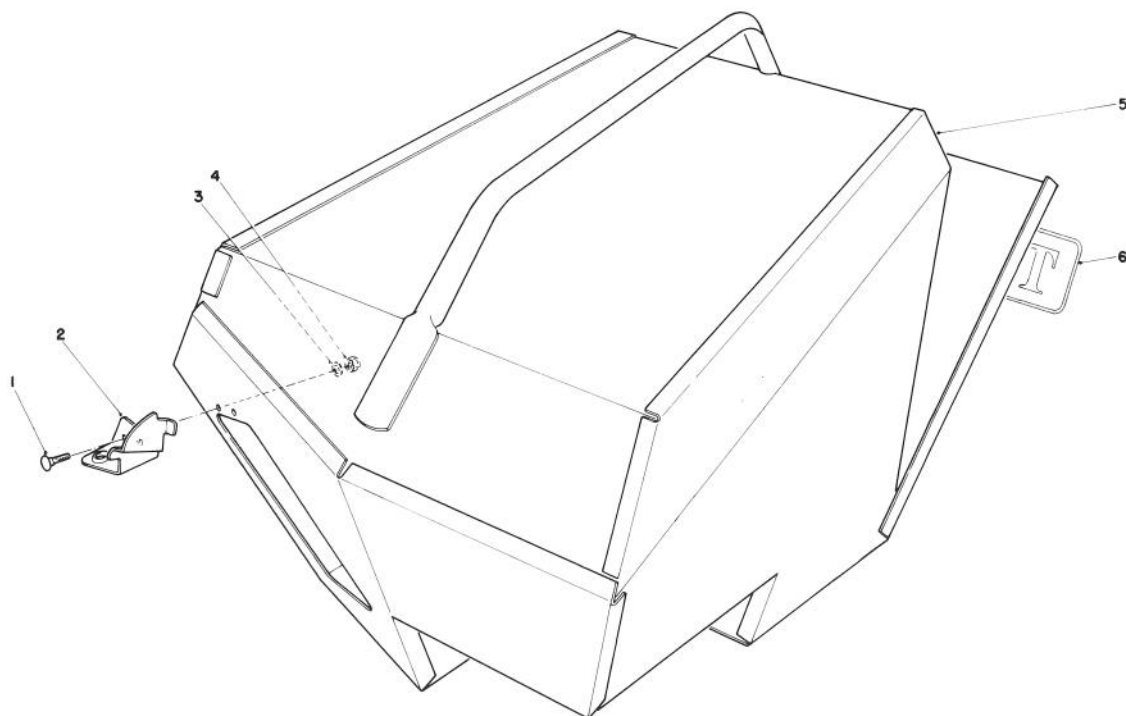


GRASS BAG ASSEMBLY NO. 11-5609

Ref. No.	Part No.	Description	No. Used
1	48-2840	Door — Grass Bag	1
2	3290-422	Push Nut — Washer Cap	2
3	33-4820	Hinge — Bag Door	1
4	36-6910	Spring	2
5	42-4030	Frame — Bag Upper	1
6	8-2759	Bag — Grass	1

Ref. No.	Part No.	Description	No. Used
7	42-4020	Frame — Bag	1
8	48-2820	Decal — Bag Door (Model No. 22035 Only)	1
*	11-5609	Grass Bag Assembly (Incl. Ref. #1-8)	1

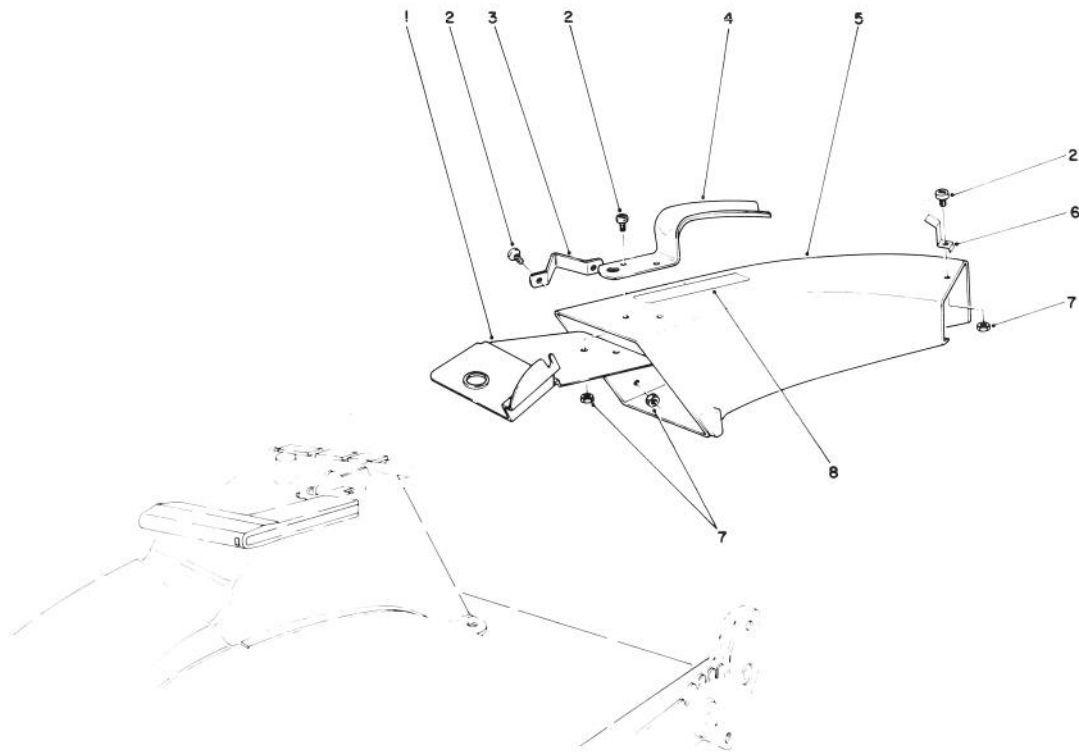
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STEEL GRASS CATCHER (Model 22099) (Optional)

Ref. No.	Part No.	Description	No. Used
1	3229-25	Bolt — Carriage	2
2	52-4990	Bracket — Latch	1
3	3256-1	Washer — Plain	2

Ref. No.	Part No.	Description	No. Used
4	3296-42	Nut — Lock	2
5	52-5020	Steel Bag	1
6	43-5110	Decal — Toro	1

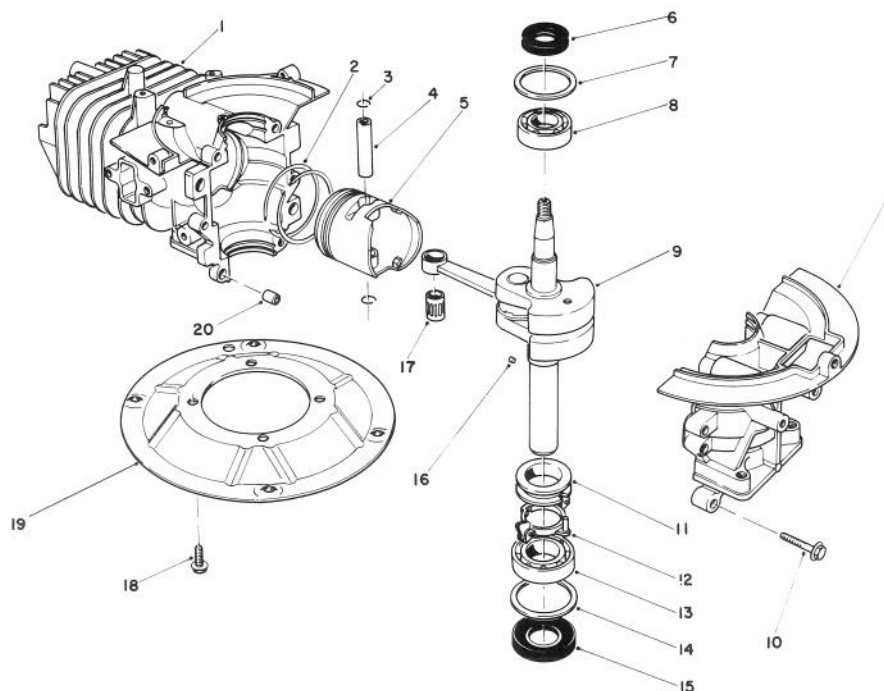


SIDE DISCHARGE CHUTE MODEL NO. 59108 (Optional)

Ref. No.	Part No.	Description	No. Used
1	44-2330	Plate — Discharge Chute	1
2	3251-3	Screw	5
3	46-6580	Bracket — Side	1
4	42-1340	Handle — Grass Chute	1
5†		Chute — Discharge	1

Ref. No.	Part No.	Description	No. Used
6	49-2630	Clip — Cable Stop	1
7	3296-12	Locknut	5
8	39-9120	Decal — Caution	1
*	56-6130	Seal — Chute	1

*Not Illustrated, Obtain Separately.
† Order By Chute Model No. 59108.

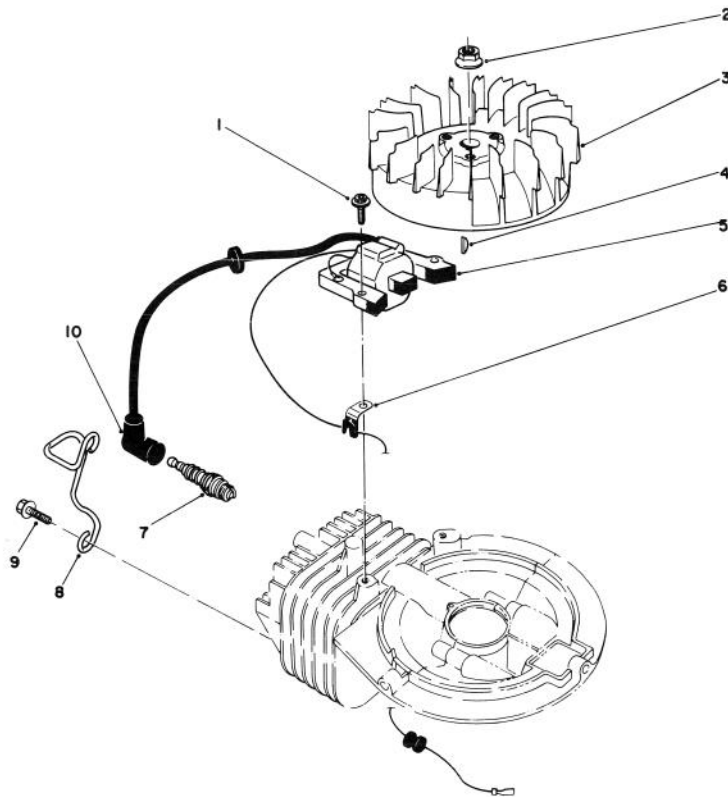


ENGINE ASSEMBLY MODEL NO. 47PH7

Ref. No.	Part No.	Description	No. Used
1	81-2800	Crankcase/Cylinder Assy.	1
2	81-0590	Ring Set	1
3	81-0620	Circlip	2
4	81-0600	Wrist Pin	1
5	81-2140	Piston — 58 mm	1
6	81-0720	Oil Seal — Upper	1
7	81-0710	Thrust Washer — Upper	1
8	81-0690	Bearing — Upper 20 mm	1
9	81-4680	Crankshaft/Connecting Rod Assembly	1
10	81-0540	Bolt (30 mm Lg.)	5

Ref. No.	Part No.	Description	No. Used
11	81-0770	Collar — Governor	1
12	81-0750	Bracket — Governor Arm	1
13	81-0700	Bearing — Lower 25 mm	1
14	81-0730	Thrust Washer — Lower	1
15	81-0740	Oil Seal — Lower	1
16	81-0760	Pin	1
17	81-0610	Bearing — Wrist Pin	1
18	81-0570	Bolt	4
19	81-0560	Plate — Mounting	1
20	81-0520	Pin — Crankcase Dowel	2
*	11-6309	Short Block	1

*Not Illustrated

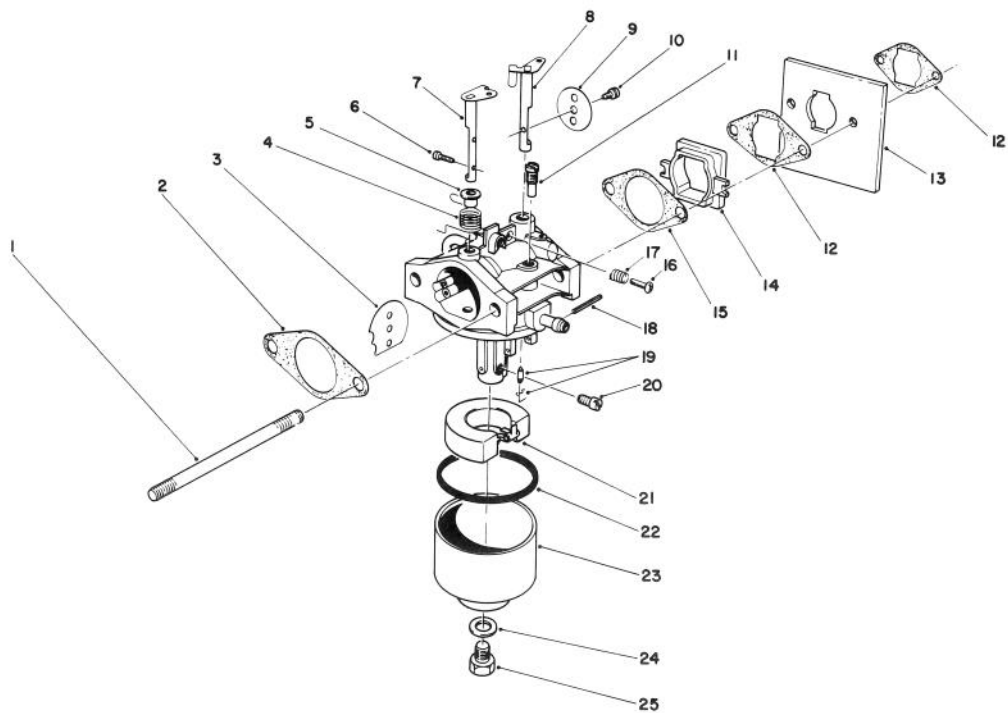


ENGINE ASSEMBLY MODEL NO. 47PH7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-2050	Capscrew — Allenhead	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 (20 mm Lg.)	2
10	81-1500	Cap Assembly — Spark Plug	1
*	41-7650	Puller — Flywheel	1

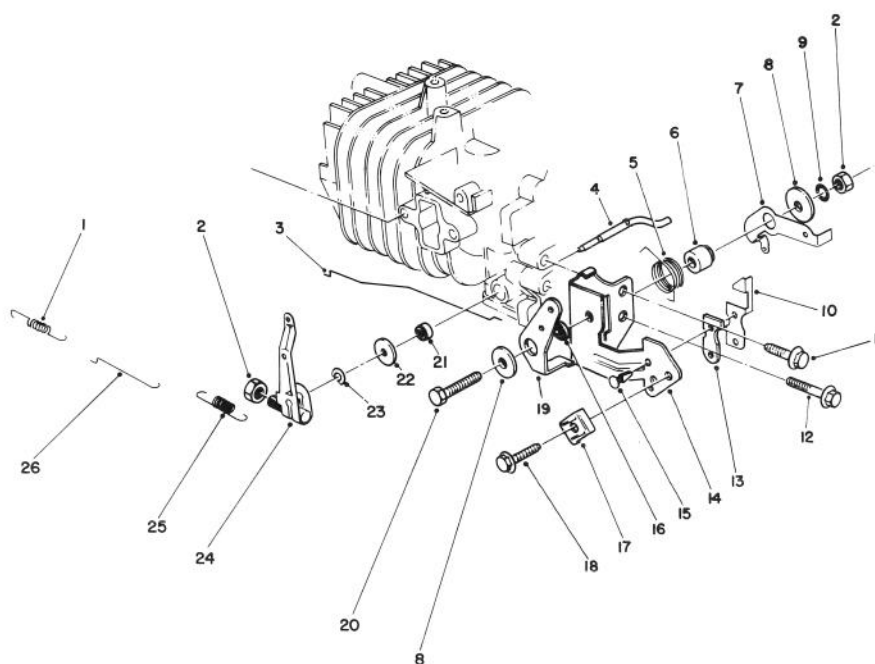
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ENGINE ASSEMBLY MODEL NO. 47PH7 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-2240	Stud Bolt — Carburetor	2	16	50-0250	Screw — Idle Stop	1
2	81-0090	Gasket	1	17	81-2580	Spring — Idle Stop	1
3	81-4950	Valve — Choke	1	18	81-0980	Pin — Float	1
4	81-0230	Spring — Choke	1	19	81-4910	Needle Valve	1
5	81-0220	Bushing — Choke	1	20	81-1940	Jet — Main (#76.3)	1
6	81-2160	Screw — Choke Plate	2	*	81-2340	Jet — Main (#72.5) High Alt. Above 6,000 Ft. (Optional)	A/R
7	81-1950	Shaft — Choke	1	21	81-0970	Float	1
8	81-0250	Shaft — Throttle	1	22	81-1010	Gasket — Float Bowl	1
9	81-0260	Valve — Throttle	1	23	81-1610	Bowl — Float	1
10	81-0270	Screw — Throttle	1	24	81-1020	Gasket — Bowl Capscrew	1
11	81-1030	Jet — Pilot (#40)	1	25	81-1000	Capscrew — Bowl	1
12	81-2320	Gasket — Shield	2	*	81-1960	Carburetor Kit (Incl. Ref. #2, 15, 17, 20 & 22)	1
13	81-2330	Shield — Carburetor	1	*	81-4900	Carburetor Assy. Complete	1
14	81-2190	Insulator — Carburetor	1				
15	81-0780	Gasket — Carburetor	1				

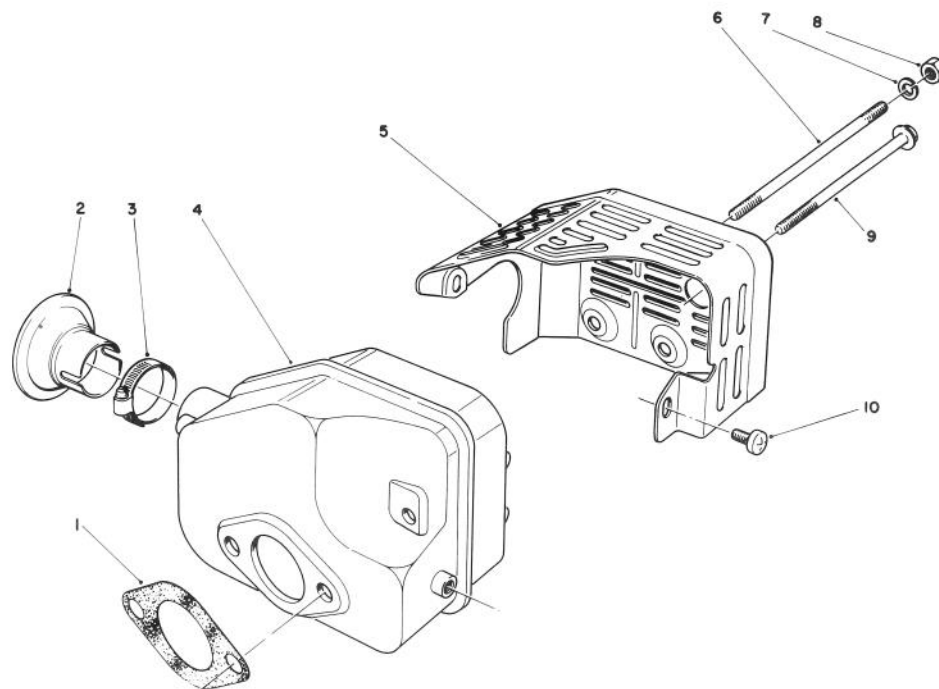
*Not Illustrated



ENGINE ASSEMBLY MODEL NO. 47PH7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-0920	Spring — Carburetor Rod	1
2	81-0900	Nut	2
3	81-1720	Rod — Choke	1
4	81-0840	Shaft — Governor	1
5	81-2460	Spring — Choke Control Lever	1
6	81-1770	Spacer — Governor Spring Lever	1
7	81-2850	Lever — Governor Spring	1
8	81-1750	Washer — Governor Control Lever	2
9	81-1450	Washer — Lock	1
10	81-1840	Terminal — Kill Switch	1
11	81-1170	Bolt — Self Tapping (15 mm Lg.)	1
12	81-0540	Bolt	1

Ref. No.	Part No.	Description	No. Used
13	81-1830	Insulator — Kill Switch	1
14	81-2420	Bracket — Throttle Control	1
15	81-1850	Rivet — Kill Switch	2
16	81-2470	Spacer — Choke Control Lever	1
17	81-2430	Clamp — Cable	1
18	50-0130	Bolt — Cable Clamp	1
19	81-1710	Lever — Choke Control	1
20	81-1730	Bolt — Throttle Control Bracket	1
21	81-0850	Oil Seal — Governor Shaft	1
22	81-0860	Washer	1
23	81-0870	E-Ring	1
24	81-2840	Throttle Control Lever Assy.	1
25	81-2830	Spring — Governor	1
26	81-0910	Rod — Carburetor	1

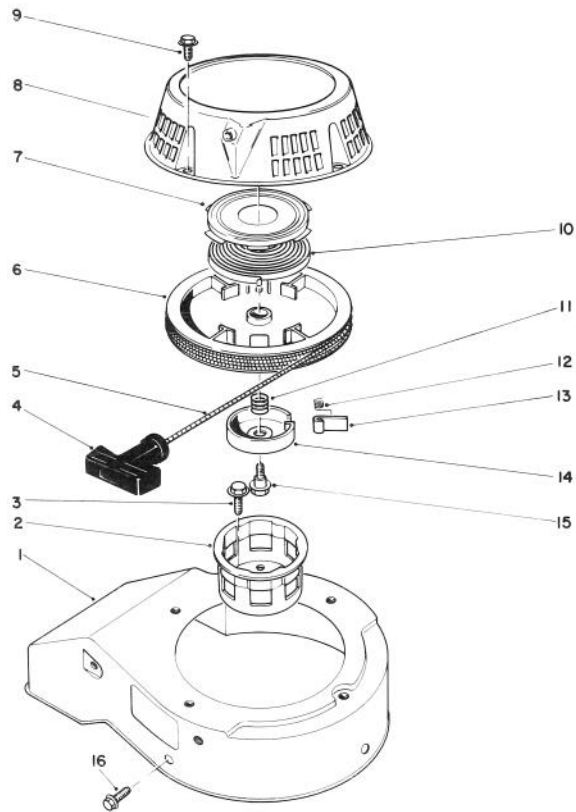


ENGINE ASSEMBLY MODEL NO. 47PH7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket — Muffler	1
2	81-0200	Spark Arrester (Optional)	1
3†		Clamp	1
4	81-1090	Muffler	1
5	81-2450	Cover — Muffler	1

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

† Obtain Locally



ENGINE ASSEMBLY MODEL NO. 47PH7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-2080	Cover — Cooling Fan	1
2	81-2170	Pulley — Starter Cup	1
3	81-1300	Bolt 15 mm Lg.	3
4	81-1630	Handle — Recoil	1
5	81-1270	Rope	1
6	81-1210	Pulley — Rope	1
7	81-1640	Retainer — Recoil Spring	1
8	81-2100	Case — Starter	1
9	81-1280	Bolt	4
10	81-1200	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	81-1170	Bolt — Self Tapping (15 mm Lg.)	3
*	81-2030	Starter Assembly (Incl. Ref. #4-8 & 10-15)	1
*	81-2300	Spring & Retainer Assembly (Incl. Ref. #7 & 10)	1

*Not Illustrated