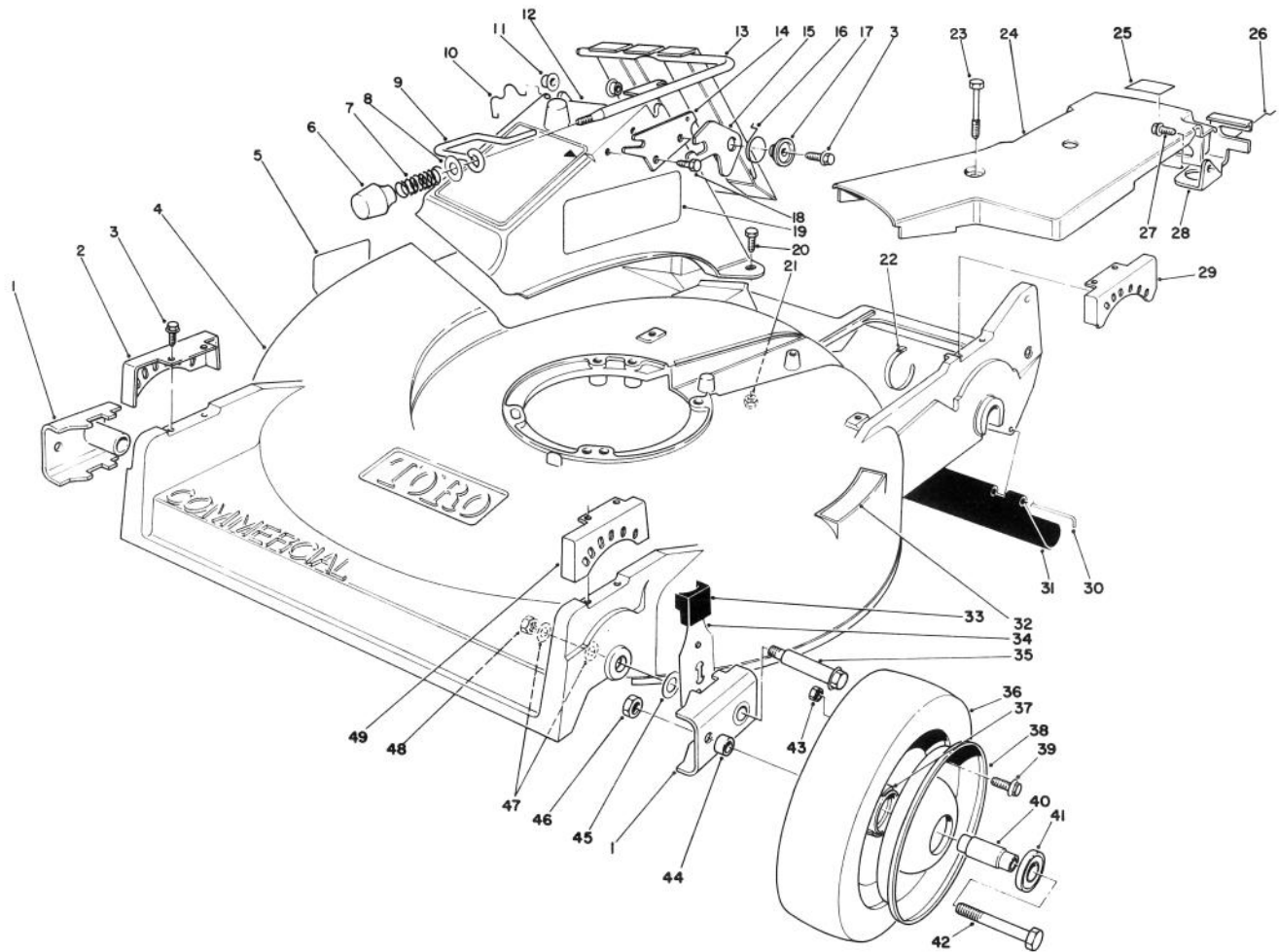


TORO®

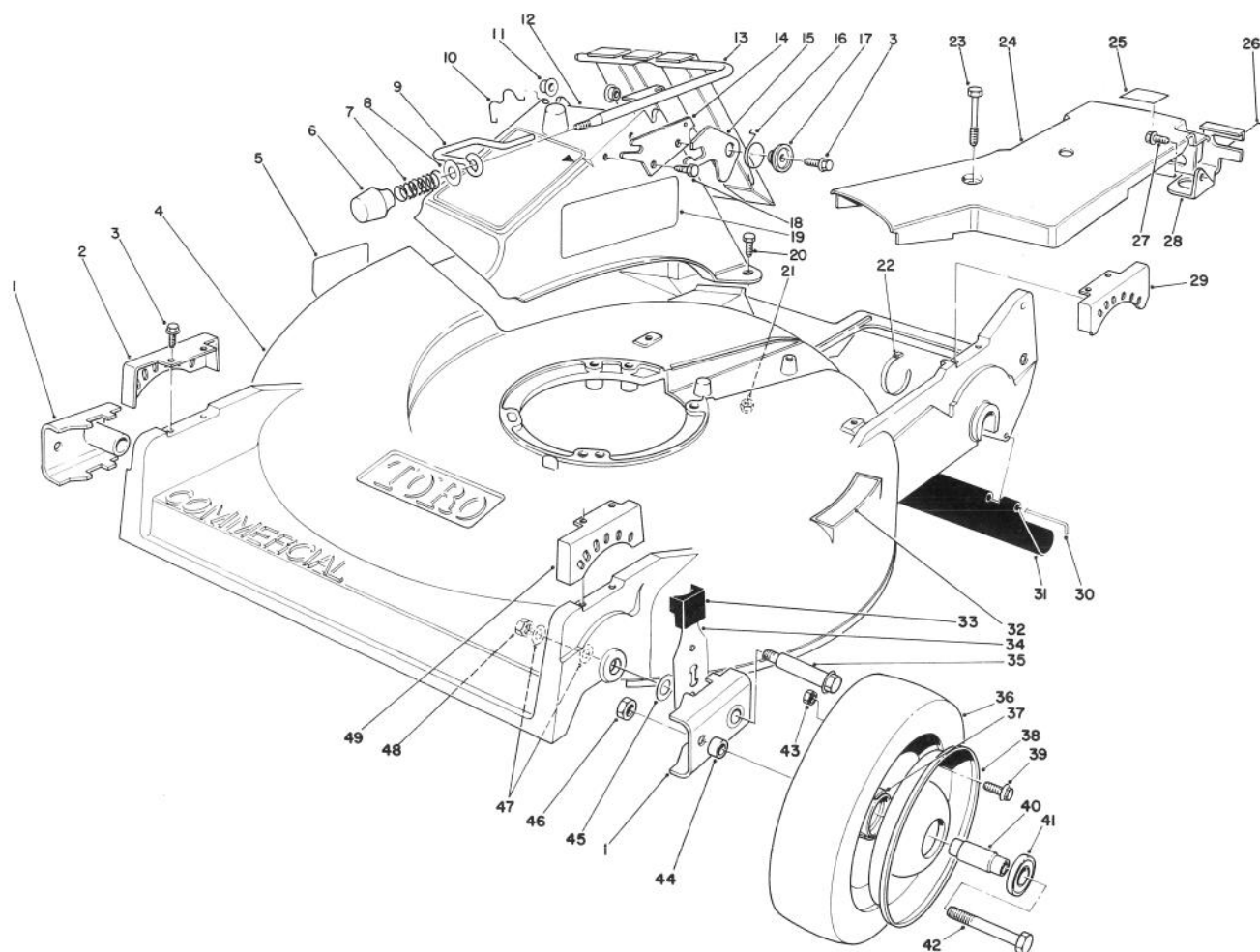
MODEL NO. 22621-8000001 & UP

**PARTS
CATALOG****21" COMMERCIAL REAR BAGGER
S.P. O.H.V.****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	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

Ref. No.	Part No.	Description	No. Used
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
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

* Not Illustrated

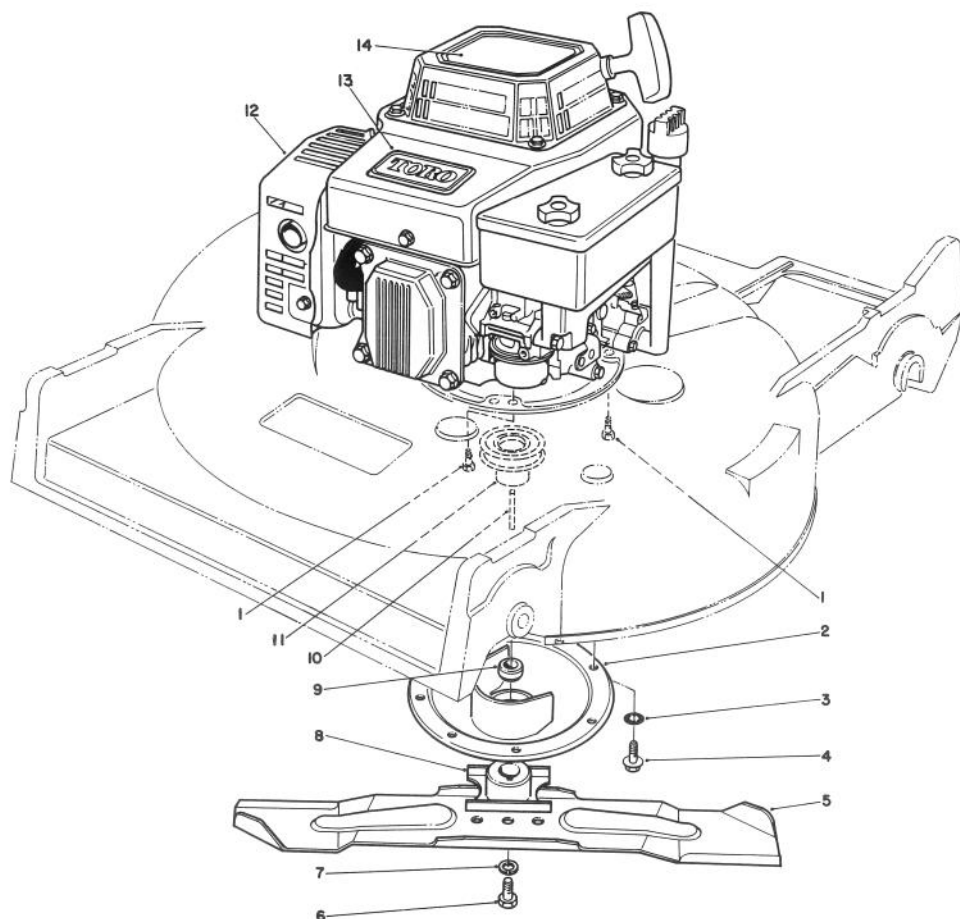


HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
43	3296-56	Locknut	8

Ref. No.	Part No.	Description	No. Used
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
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

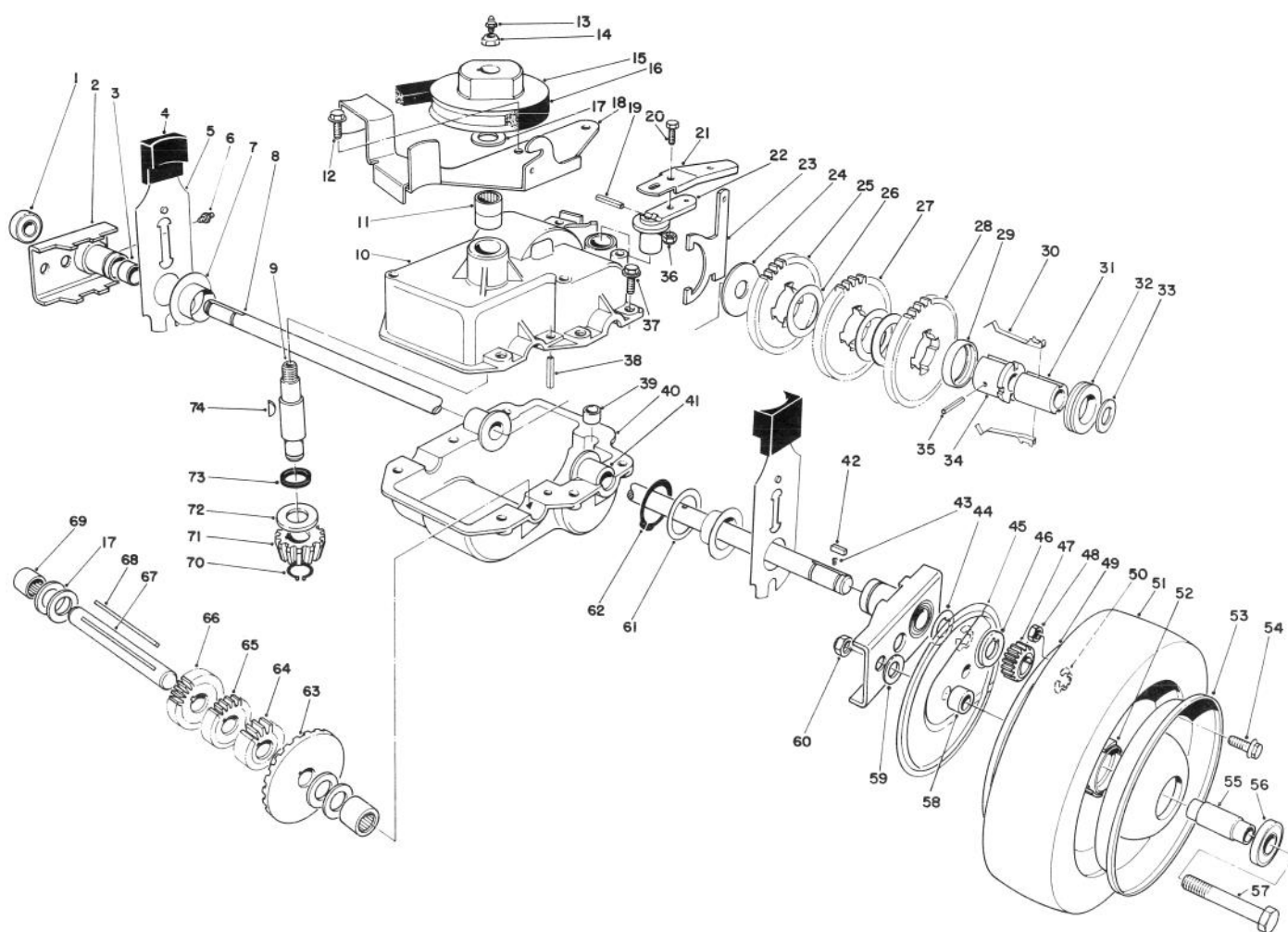
* Not Illustrated



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	11-0590	Screw — Cap Hex Hd.	4
2	65-5860	Crankshaft Protector Assembly	1
3	3254-6	Lockwasher — Internal Tooth	3
4	32144-70	Screw — Thread Forming Hex Hd.	3
5	42-1000	Blade 21"	1
6	26-0670	Screw — Blade	1
7	3253-22	Lockwasher	1

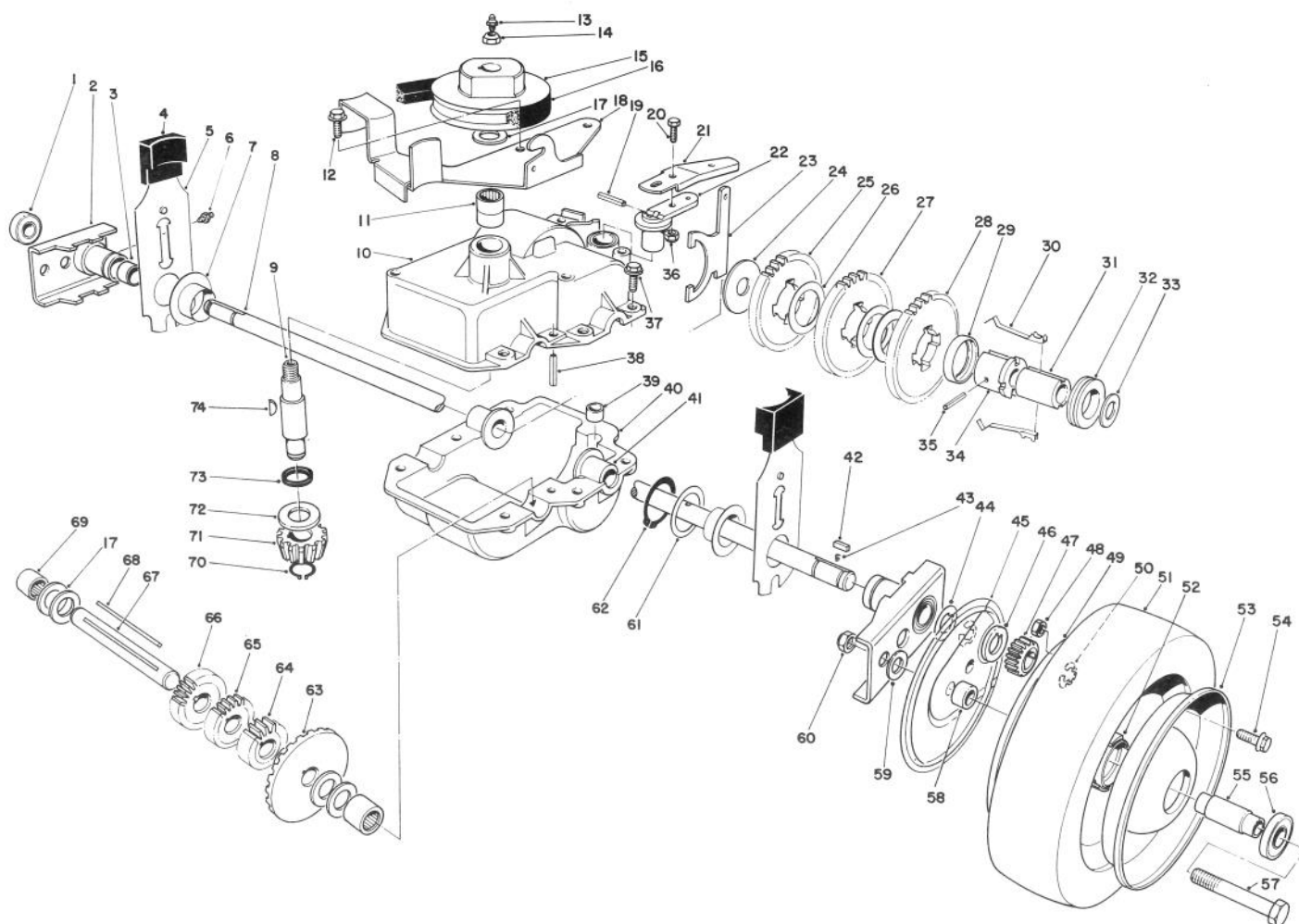
Ref. No.	Part No.	Description	No. Used
8	52-2170	Retainer — Blade	1
9	52-2190	Spacer — Blade Retainer	1
10	27-6300	Key — Square	1
11	46-7910	Pulley — Driver	1
12		Engine	1
13	46-8291	Plate — Toro	1
14	61-8330	Decal — Recoil	1



GEAR CASE ASSEMBLY

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	42-2170	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

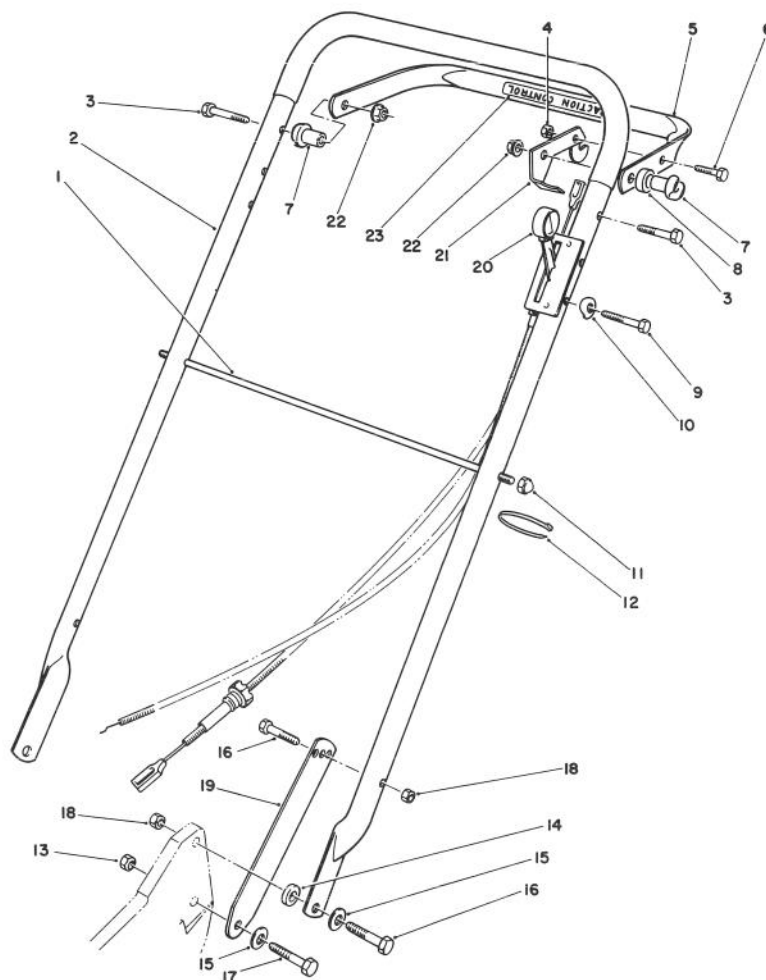


GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	39-9680	Key	2
43	39-9650	Spring	2
44	49-7700	Washer — Thrust Keyed	2
45	52-4860	Cover — Gear	2
46	62-3830	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
*	66-7341	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

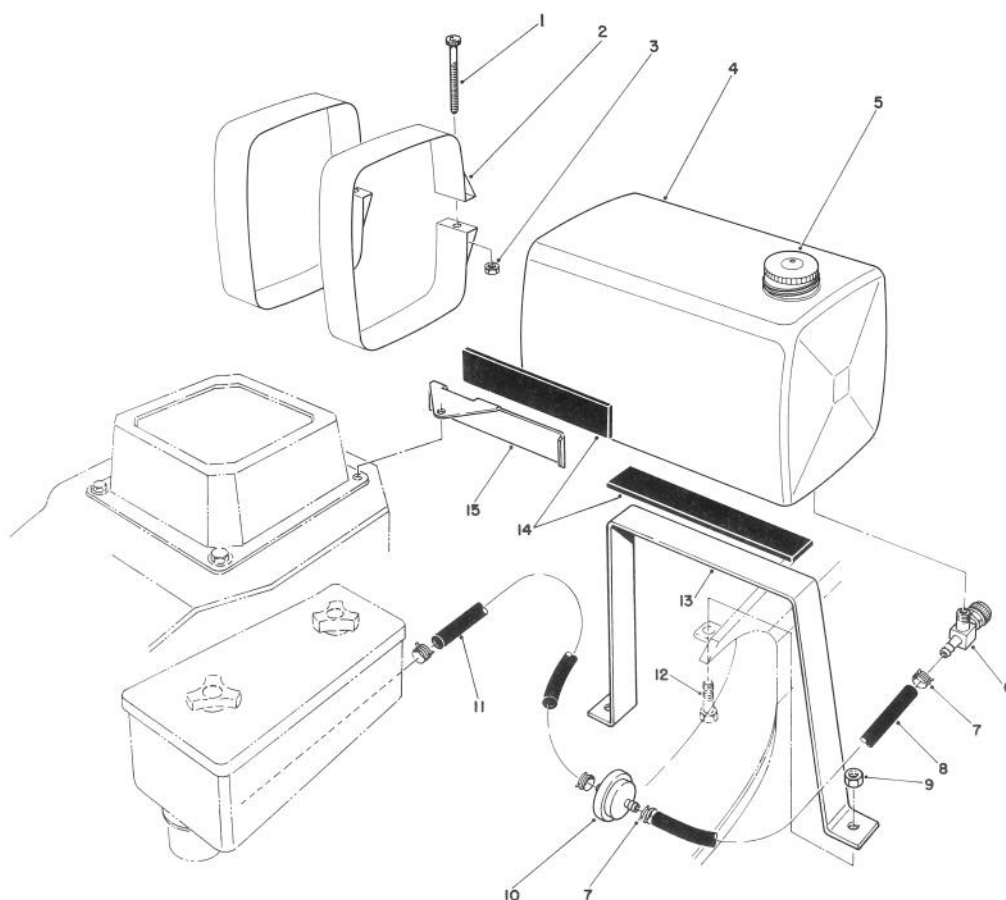
* Not Illustrated



HANDLE ASSEMBLY

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

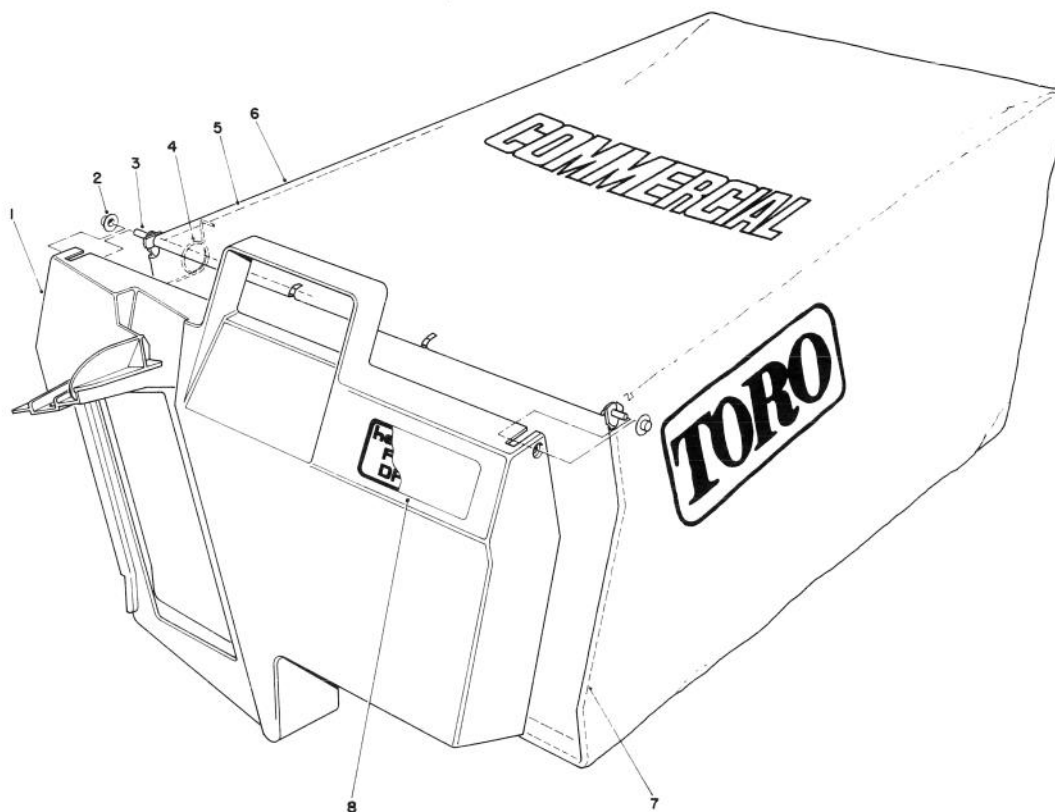
Ref. No.	Part No.	Description	No. Used
14	26-4840	Spacer	2
15	3290-456	Washer — Belleville	4
16	322-7	Hex Hd. Capscrew	4
17	322-6	Hex Hd. Capscrew	2
18	3296-29	Locknut	4
19	65-5830	Latch — Handle	2
20	65-4997	Control — Throttle/Traction Bend Type #2 Sheath Lg. 52.0 Inch Wire Lg. 2.8 Inch	1
21	46-7950	Lever — Control	1
22	32128-13	Hex Flange Nut	2
23	48-2750	Decal — Traction Control	1



GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3274-62	Screw — Cap Hex Socket Hd.	2
2	52-2320	Tank Mounting Strap	2
3	3217-5	Nut — Hex	2
4	52-2330	Tank — Gas (Incl. Ref. #5)	1
5	55-4830	Cap — Gas	1
6	304-71	Valve — Fuel Shutoff	1
7	2412-95	Clamp — Fuel Line	4
8	51-3211	Line — Fuel	1

Ref. No.	Part No.	Description	No. Used
9	3296-29	Nut — Lock	2
10	56-6360	Filter — Fuel	1
11	51-3218	Line — Fuel	1
12	322-5	Screw — Cap Hex Hd.	2
13	61-8230	Mount — Tank Bottom	1
14	52-2290	Pad — Isolator	2
15	61-8240	Mount — Tank Front	1

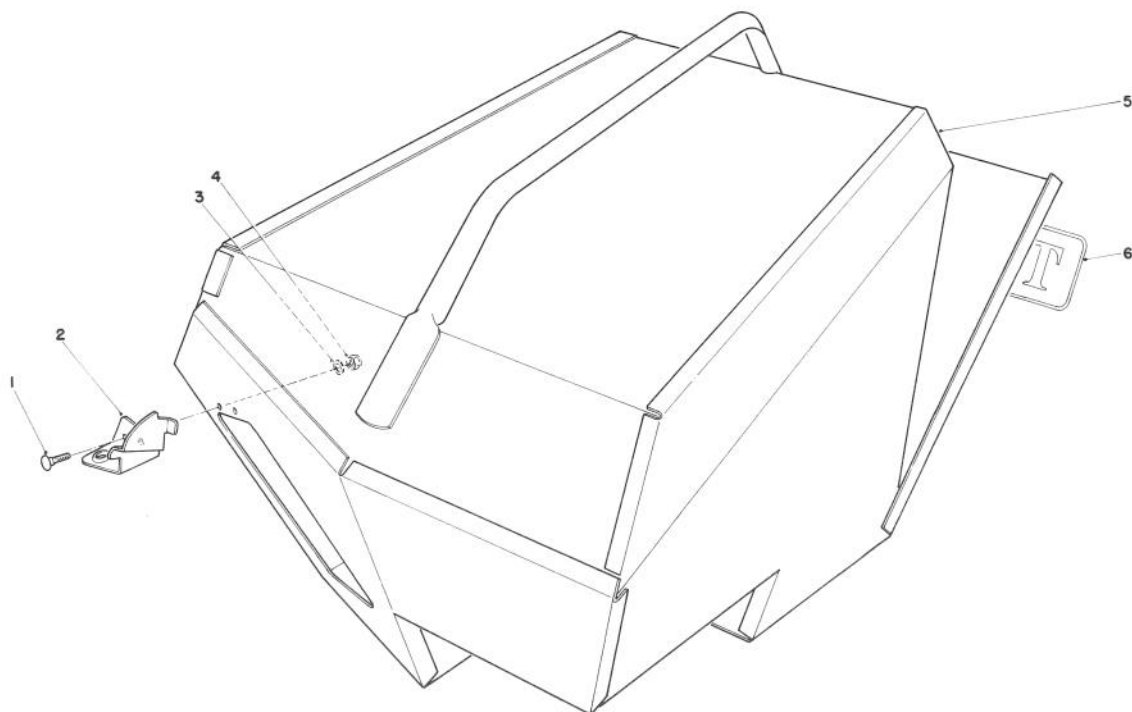


GRASS BAG ASSEMBLY NO. 11-5609

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

Ref. No.	Part No.	Description	No. Used
6	8-2759	Bag — Grass	1
7	42-4020	Frame — Bag	1
8	48-2820	Decal — Bag Door	1
*	11-5609	Grass Bag Assembly (Incl. Ref. #1-8)	1

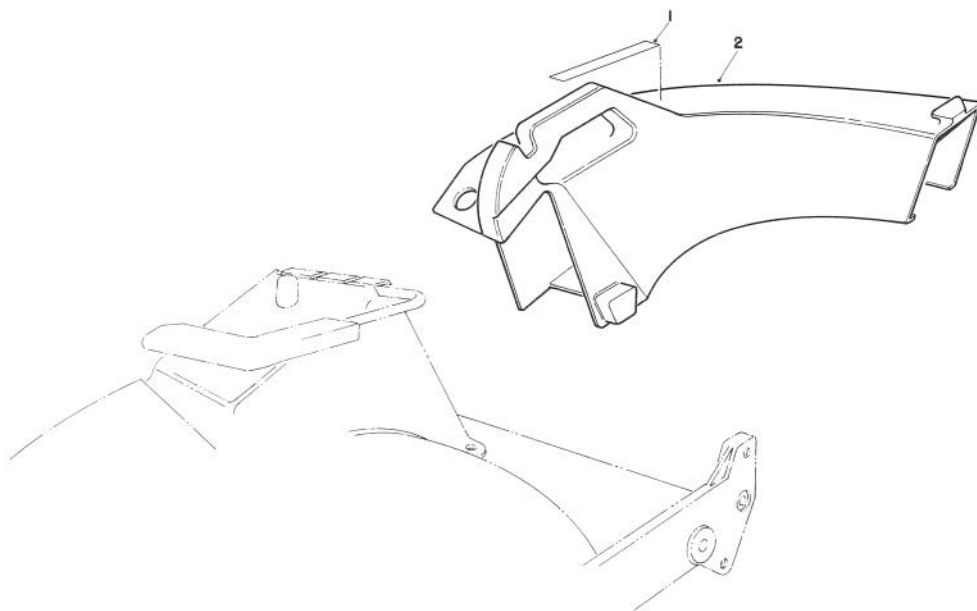
* Not Illustrated



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

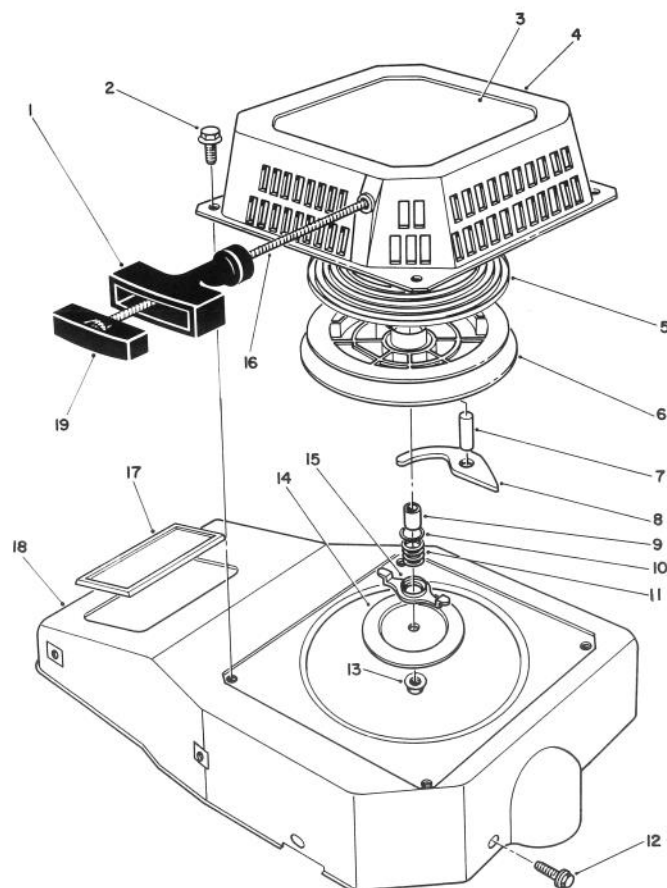


SIDE DISCHARGE CHUTE MODEL NO. 59110 (Optional)

Ref. No.	Part No.	Description	No. Used
1	39-9120	Decal — Caution	1
2	13-0229	Chute — Discharge (Incl. Ref. #1)	1

Ref. No.	Part No.	Description	No. Used
*	56-6130	Seal — Chute	1

* Not Illustrated, Obtain Separately.

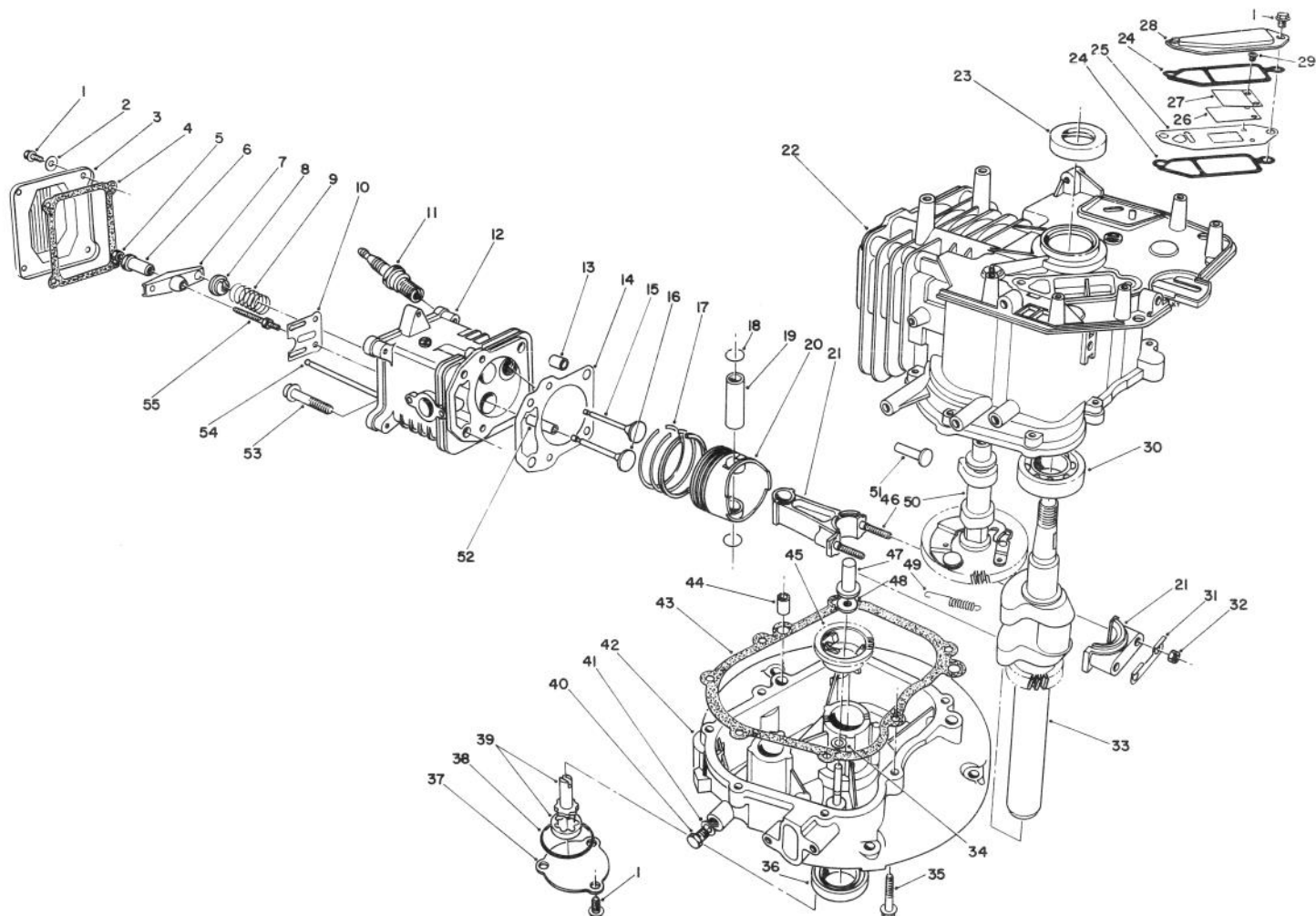


ENGINE ASSEMBLY MODEL NO. VMH-7

Ref. No.	Part No.	Description	No. Used
1	81-4000	Handle	1
2	81-1280	Bolt	4
3	61-8330	Decal — Recoil	1
4	81-3970	Case — Recoil	1
5	81-4010	Spring — Recoil	1
6	81-4020	Reel — Rope Pulley	1
7	81-4030	Pin	1
8	81-4040	Pawl	1
9	81-4050	Spacer	1
10	81-4060	Washer	1
11	81-4070	Spring — Friction	1

Ref. No.	Part No.	Description	No. Used
12	81-1170	Bolt	3
13	81-4100	Locknut	1
14	81-4090	Plate — Friction	1
15	81-4080	Guide — Pawl	1
16	81-1270	Rope — Recoil	1
17	46-8291	Decal — Recoil	1
18	81-4790	Shroud — Blower	1
19	81-4960	Retainer	1
*	81-3270	Recoil Starter Assembly (Incl. Ref. #1, & 3-15)	1

* Not Illustrated

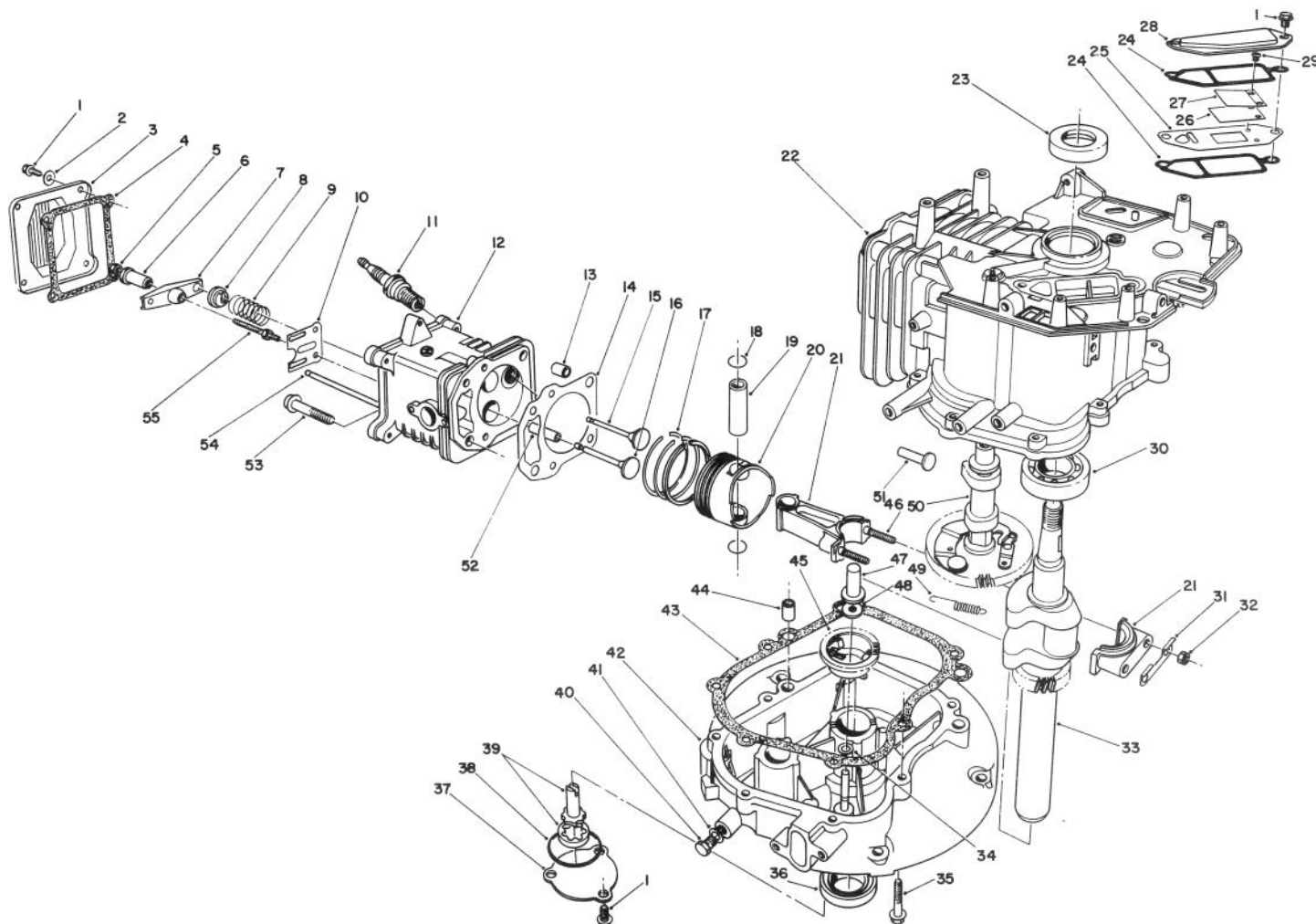


ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-1170	Bolt — Self Tapping	9
2	81-3790	Flat Washer	4
3	81-3780	Cover — Rocker Arm	1
4	81-3770	Gasket — Rocker Arm Cover	1
5	81-3760	Jam Nut	2
6	81-3750	Pivot — Rocker Arm	2
7	81-3740	Arm — Rocker	2
8	81-3730	Retainer — Valve Spring	2
9	81-3720	Spring — Valve	2
10	81-3710	Guide — Push Rod	1
11	81-3250	Spark Plug NGK BPR6ES	1
12	81-3700	Head — Cylinder	1
*	81-3840	Cylinder Head Assy. (Incl. Ref. #1-10, 12, 15, 16 & 52-55)	1
13	81-3690	Pin — Dowel	2
14	81-4710	Gasket — Cylinder Head	1
*	81-3820	Gasket Set	A/R
15	81-3670	Valve — Intake	1
16	81-3660	Valve — Exhaust	1
17	81-3650	Ring Set	1

Ref. No.	Part No.	Description	No. Used
18	50-0960	Circlip	2
19	81-3630	Pin — Piston	1
20	81-3620	Piston	1
21	81-3390	Connection Rod Assembly (Incl. Ref. #31, 32, & 46)	1
22	81-3280	Block — Engine (Incl. Ref. #23, & 30)	1
23	81-3290	Seal — Upper Crankshaft	1
24	81-3300	Gasket — Breather	2
25		Plate — Breather	1
26		Valve — Reed	1
*	81-3370	Reed Valve Assembly (Incl. Ref. #25-27, & 29)	1
27		Retainer — Reed Valve	1
28	81-3320	Cover — Breather	1
29		Screw — Reed Valve	2
30	81-3380	Ball Bearing	1
31	81-3400	Plate — Lock	1
32	50-0510	Nut	2
33	81-3420	Crankshaft	1
34	81-3440	Washer	1
35	81-3450	Bolt	7

* Not Illustrated

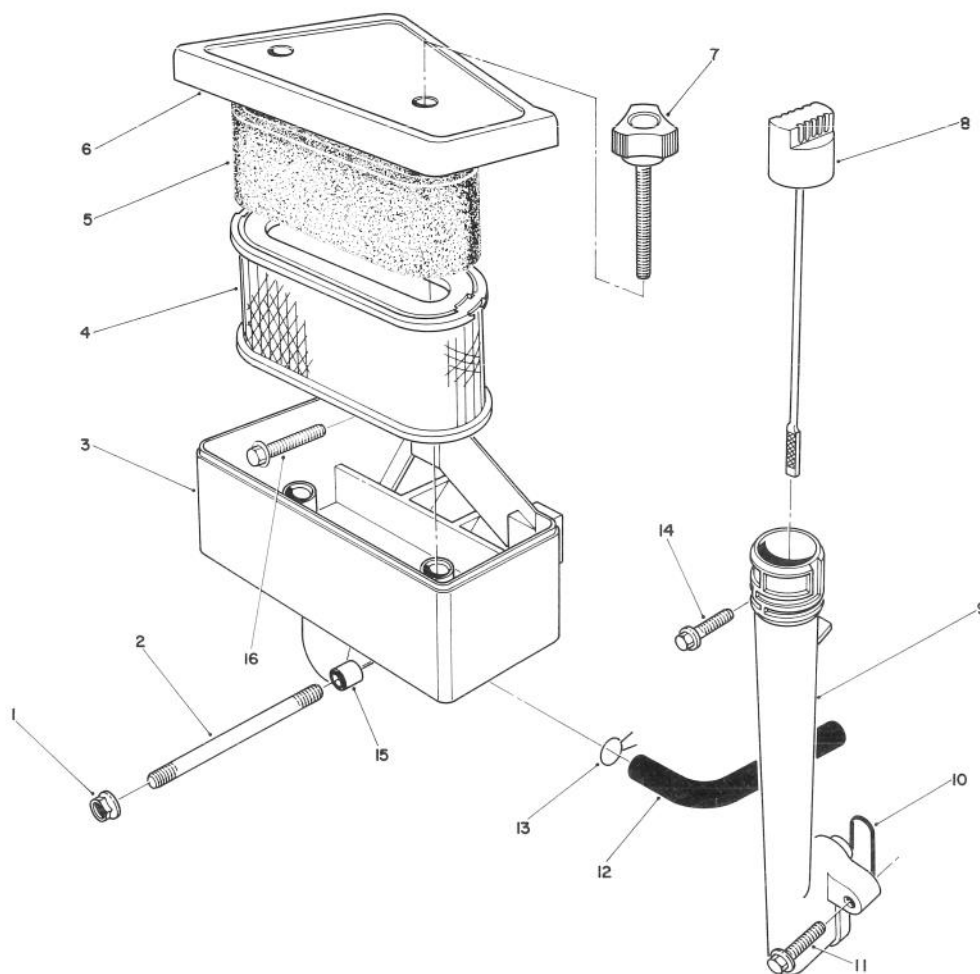


ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
36	81-3460	Seal — Lower Crankshaft	1
37	81-3470	Cover — Oil Pump	1
38	81-3480	O-Ring	1
39	81-3490	Oil Pump Assembly	1
40	81-4970	Plug — Oil Drain	1
41	81-3510	Gasket — Drain Plug	1
42	81-3520	Crankcase — Lower	1
43	81-3530	Gasket — Crankcase	1
44	50-0450	Pin — Dowel	2
45	81-3550	Governor Flyweight Assembly	1
46	81-3610	Stud — Connection Rod	2

Ref. No.	Part No.	Description	No. Used
47	81-3560	Plunger — Governor	1
48	81-3570	Washer	1
49	81-3580	Spring — Compression Release	1
50	81-3590	Camshaft Assembly (Incl. Ref. #49)	1
51	81-3600	Tappet	2
52	81-3830	Guide — Valve	2
53	50-0190	Bolt — Cylinder Head	4
54	81-3810	Rod — Push	2
55	81-3800	Stud — Rocker Arm	2
*	12-2599	Short Block Assembly	1

* Not Illustrated

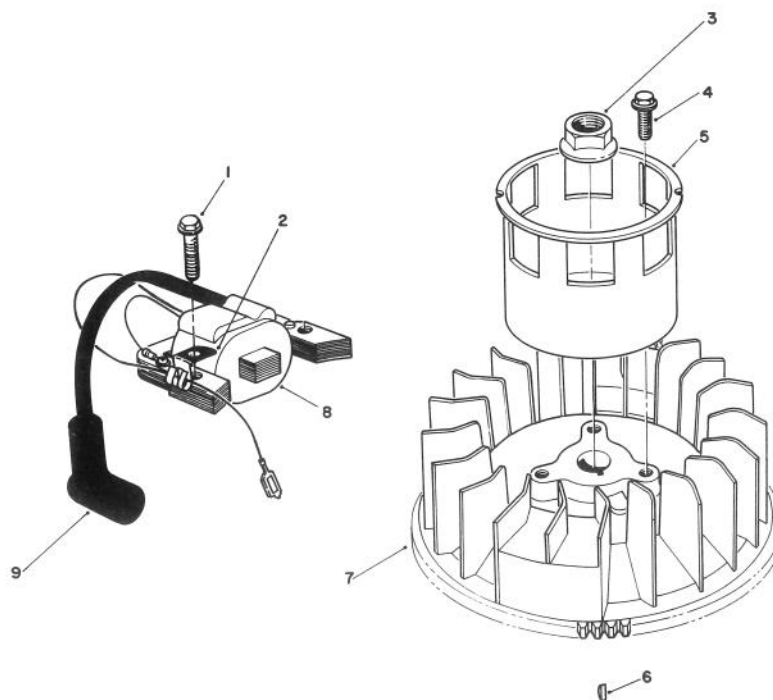


ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	50-7180	Nut	2
2	81-4740	Stud — Carburetor	2
3	61-9360	Case — Air Cleaner	1
4	62-3970	Air Filter Assembly (Incl. Ref. #5)	1
5		Filter — Foam	1
6	61-9370	Cover — Air Cleaner Case	1
7	62-3990	Retainer — Cover	2
8	81-4730	Dipstick — Oil	1

Ref. No.	Part No.	Description	No. Used
9	81-4170	Tube — Oil Fill	1
10	81-4150	O-Ring — Oil Tube	1
11	81-4160	Bolt	2
12	81-4800	Hose — Crankcase Breather	1
13	81-4190	Clamp	1
14	81-4810	Bolt	1
15	62-3980	Sleeve	2
16	51-3220	Screw — Hex Flange Hd.	2
*	56-6680	Drain Tube	1

* Not Illustrated



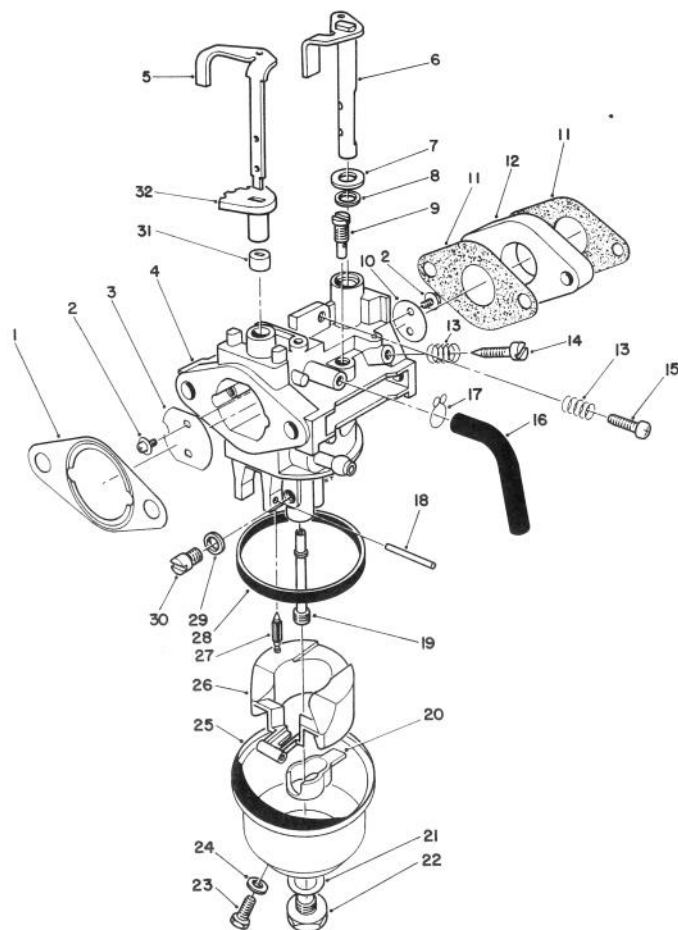
ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	53-0860	Bolt	2
2	81-1480	Clamp	1
3	81-3890	Nut	1
4	81-1300	Bolt	3
5	81-3910	Cup — Starter	1

Ref. No.	Part No.	Description	No. Used
6	81-3930	Key — Flywheel	1
7	81-3920	Flywheel	1
8	81-3850	Coil Assembly — Magneto	1
9	81-3860	Cover — Spark Plug	1



Ref. No.	Part No.	Description	No. Used
13	81-2430	Clamp — Cable	1
14	50-0130	Bolt	1
15	57-5750	Guard — Throttle	1
16	81-1830	Insulator — Kill Switch	1
17	81-1840	Terminal — Switch	1
18	81-4770	Rod — Choke	1
19	81-4560	Screw	1
20	81-4550	Screw	1
21	81-2900	Spring	2
22	81-0380	Screw	1
23	81-4780	Clamp	1

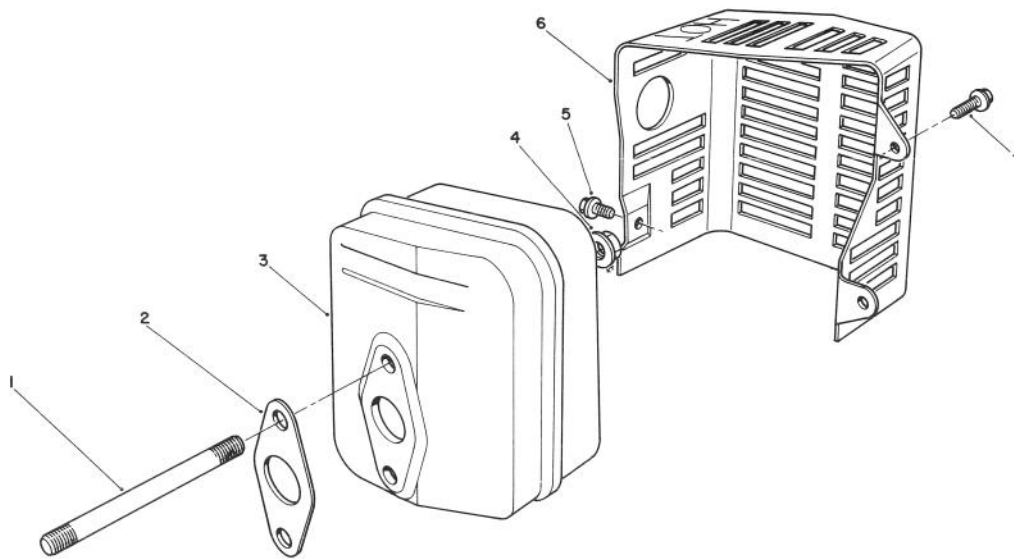


ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-4250	Gasket — Air Cleaner	1
2	81-2710	Screw	4
3	81-2720	Valve — Choke	1
4		Body — Carburetor	1
5	81-5500	Shaft — Choke Valve	1
6	81-2920	Shaft — Throttle Valve	1
7	81-4280	Washer	1
8	81-4290	Seal — Throttle Shaft	1
9	81-1030	Jet — Pilot (#40)	1
10	81-2940	Valve — Throttle	1
11	81-2570	Gasket — Carburetor	2
12	81-0460	Block — Insulator	1
13	81-2580	Spring	2
14	50-2360	Screw — Pilot	1
15	50-0250	Screw — Idle Stop	1
16	81-4310	Tube — Bowl Vent	1
17	81-4300	Clamp	1
18	81-0980	Pin — Hinge	1
19	81-4330	Nozzle — Main	1
20	81-4940	Spacer — Float	1

Ref. No.	Part No.	Description	No. Used
21	81-2650	Gasket — Bowl Screw	1
22	81-2660	Screw — Bowl	1
23	81-2670	Screw — Drain	1
24	81-2680	Gasket — Drain Screw	1
25	81-4340	Bowl — Float	1
26	81-4920	Float	1
27	81-4700	Needle	1
28	81-2630	Gasket — Float Bowl	1
29	81-4350	Spacer	1
30	50-4760	Main Jet (#82.5)	1
*	81-1040	Main Jet (#80 High Alt.)	A/R
31	81-5530	Ring — Lower Choke	1
32	81-5520	Ring — Upper Choke	1
*	81-4890	Carburetor Kit (Incl. Ref. #1, 11, 21, 24, 27 & 28)	A/R
*	81-4750	Carburetor Assembly (Incl. Ref. #2-32)	1
*	81-4270	Shaft Choke Assembly (Incl. Ref. #5 & 31-32)	1

* Not Illustrated



ENGINE ASSEMBLY MODEL NO. VMH-7 (Continued)

Ref. No.	Part No.	Description	No. Used
1	81-4380	Stud — Muffler	2
2	81-4390	Gasket — Muffler	1
3	81-4400	Muffler	1
4	50-0530	Nut	2

Ref. No.	Part No.	Description	No. Used
5	81-4420	Screw	1
6	81-4430	Cover — Muffler	1
7	81-1170	Bolt	2

The Toro Promise

A ONE YEAR LIMITED WARRANTY

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Commercial Products 1 Year

The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers with cutting unit widths of less than 25".

If you feel your TORO product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor or Commercial Dealer (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor or Commercial Dealer will advise on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor or Commercial Dealer will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without an extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor or Commercial Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper condition is the responsibility of the owner.

All warranty repairs reimbursable under the Toro Promise must be performed by an Authorized TORO Commercial Dealer or Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any

reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

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