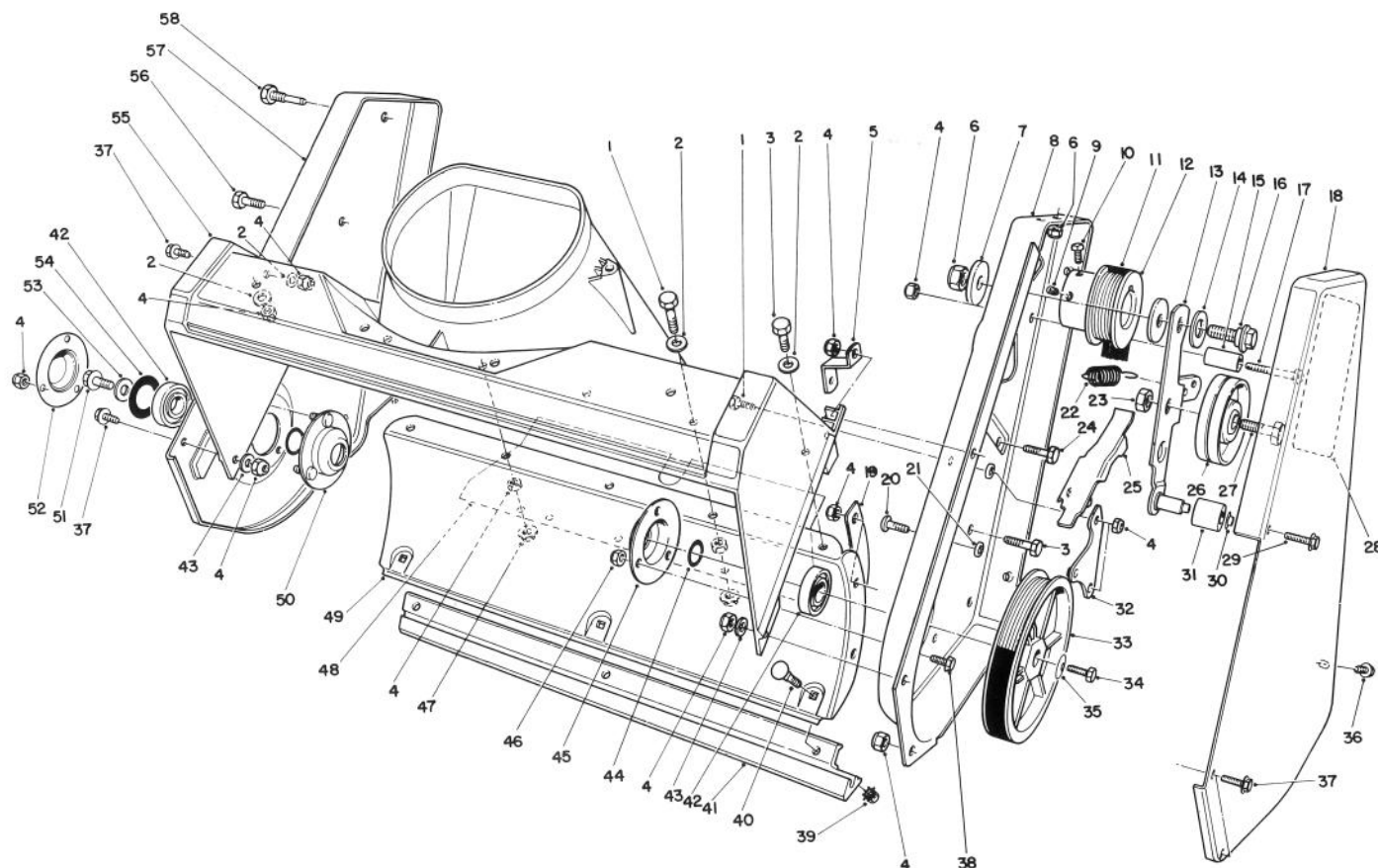


TORO®

MODEL NO. 38180-0000001 & UP
MODEL NO. 38181-0000001 & UP

PARTS CATALOG

CCR-2000 SNOWTHROWER

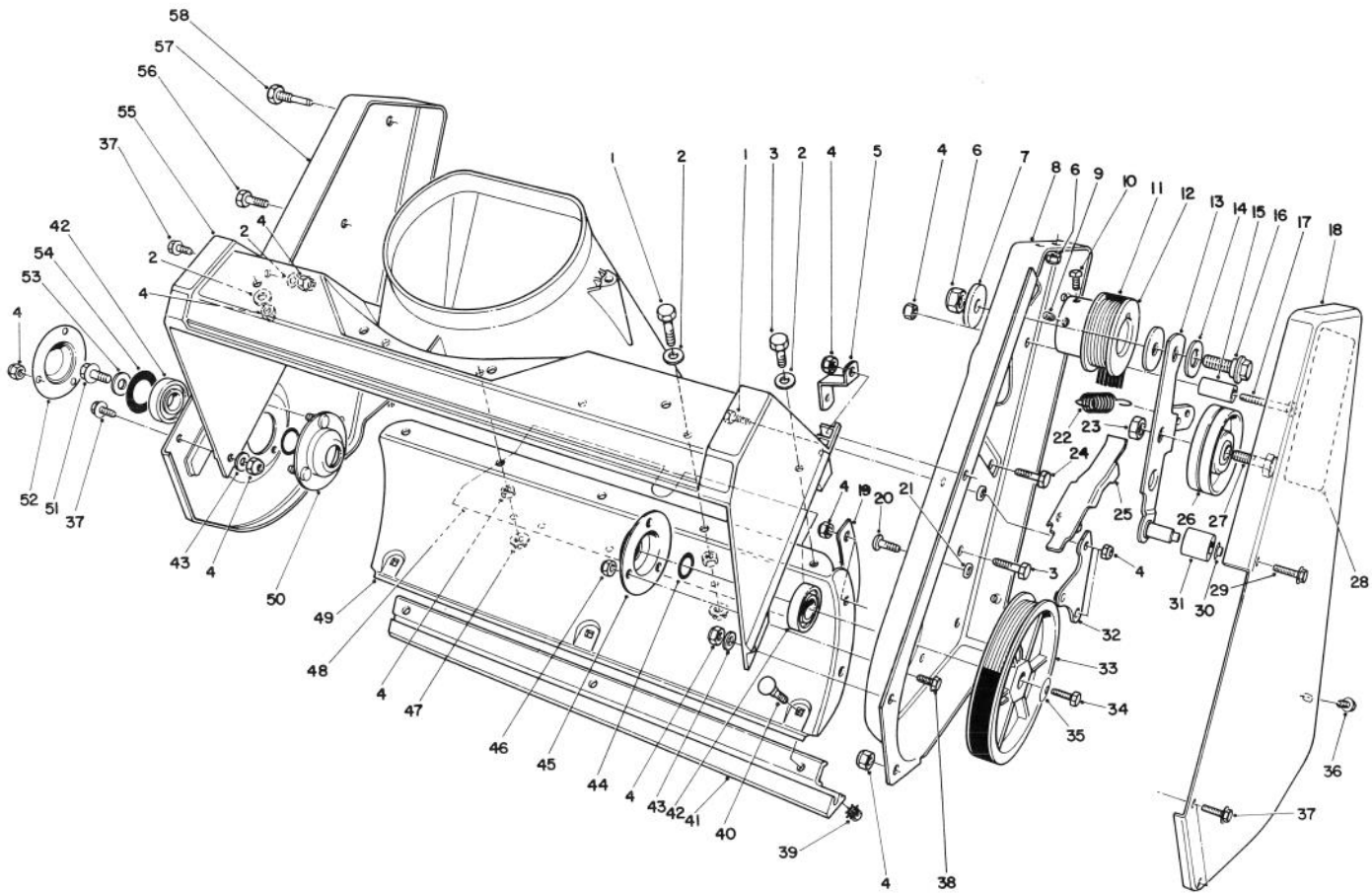


C-0013-90

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321-6	Screw — Hex Hd.	3
2	3256-22	Washer	9
3	321-4	Screw — Hex Hd.	5
4	3296-42	Nut — Lock	22
5	55-9430	Bracket — Housing	1
6	3296-29	Nut — Lock	3
7	5-4460	Washer	2
8	55-8850	Sideplate — L.H.	1
9	3245-41	Screw — Set	1
10	3241-7	Screw — Set, Sq. Hd.	1
11	55-9300	Belt — Drive	1
12	55-9180	Pulley — Engine	1
13	12-8279	Idler Arm Assembly (Incl. Ref. #29 & 30)	1

Ref. No.	Part No.	Description	No. Used
14	25-5640	Washer	1
15	55-9530	Guide — Drive Belt	1
16	27-0410	Screw — Shoulder	1
17	321-13	Screw — Hex. Hd.	1
18	55-9010	Cover — Drive	1
19	56-2610	Bracket — Lower Housing	1
20	3274-31	Screw — Button Hd.	1
21	55-9620	Spacer	3
22	55-9280	Spring — Extension	1
23	32152-2	Nut — Lock	1
24	322-3	Screw — Hex Hd.	2
25	55-9550	Arm — Brake	1
26	55-9290	Pulley — Idler	1
27	323-29	Screw — Hex. Hd.	1

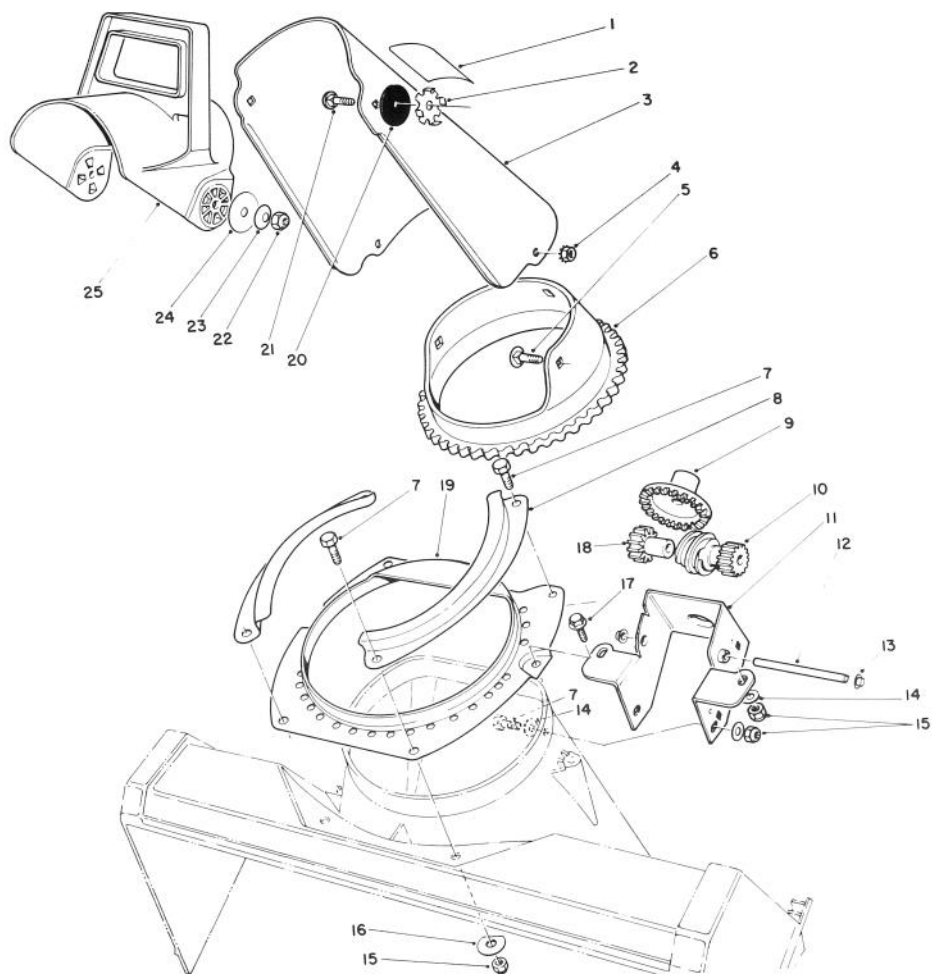


C-0013-90

HOUSING ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
28	60-9480	Decal — Belt Routing	1
29	36-3860	Screw — Special	1
30	32112-11	Pushnut	1
31	55-9520	Roller — Brake	1
32	55-9570	Pivot Plate Assembly	1
33	60-9320	Pulley — Rotor	1
34	321-30	Screw — Hex. Hd.	1
35	3290-456	Washer — Belleville	1
36	12-3270	Screw — Self Tapping	2
37	32105-15	Screw — Hex. Hd.	7
38	32105-8	Screw — Hex. Hd.	3
39	32149-2	Nut — Keps	3
40	3229-11	Screw — Carriage	3
41	55-8760	Scraper	1
42	38-7820	Bearing — Ball	2
43	3256-67	Washer	2

Ref. No.	Part No.	Description	No. Used
44	52-7280	Washer — Thrust	2
45	38-8620	Retainer — Bearing	1
46	3296-2	Nut — Lock	3
47	32128-10	Nut — Flange Lock	2
48	55-9512	Cover — Bottom	1
49	55-9220	Housing — Lower	1
50	52-9110	Flange — Bearing	1
51	3234-25	Screw — Hex. Flange Hd.	1
52	52-7290	Retainer — Bearing	1
53	3256-24	Washer	1
54	52-7270	Washer — Rubber	1
55	55-8700	Housing	1
56	322-43	Screw — Hex. Hd.	1
57	55-8840	Sideplate — R.H.	1
58	38-8211	Pin	1



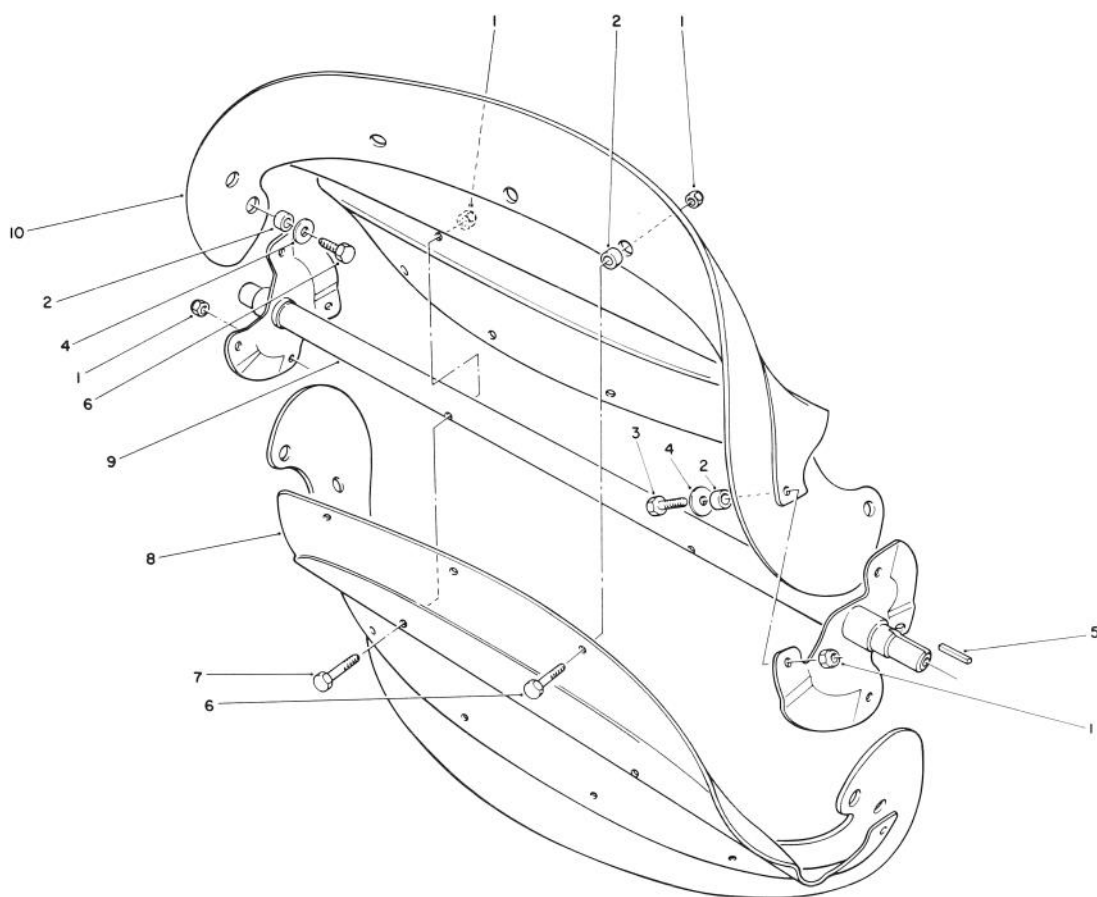
C-0014-90

DISCHARGE CHUTE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-3740	Decal — Discharge Danger (Model #38180)	1
*	63-3760	Decal — Discharge Danger (Model #38181)	1
2	55-8950	Plate — Friction	2
3	12-8289	Chute — Discharge (Incl. Ref. #1) (Model #38180)	1
*	12-8749	Chute — Discharge (Incl. Ref. #1) (Model #38181)	1
4	32149-1	Nut — Keps	3
5	3230-18	Screw — Carriage	3
6	55-8720	Gear Ring — Chute	1
7	321-4	Screw — Hex Hd.	6
8	55-8910	Retainer — Chute Ring	2
9	55-8740	Gear — Face	1

Ref. No.	Part No.	Description	No. Used
10	55-8730	Gear — Worm/Spur	1
11	61-4610	Bracket — Chute Gears	1
12	55-9150	Shaft — Gear	1
13	32112-11	Pushnut	2
14	3256-22	Washer	6
15	3296-42	Nut — Lock	6
16	55-9680	Washer	2
17	46-8092	Screw — Special	2
18	55-8750	Spacer/Spur Gear	1
19	55-8920	Ring — Chute Support	1
20	20-4320	Washer — Rubber	2
21	3230-22	Bolt — Carriage	2
22	3296-29	Nut — Lock	2
23	3290-340	Washer — Belleville	2
24	3256-68	Washer	2
25	56-2680	Deflector	1

*Not Illustrated

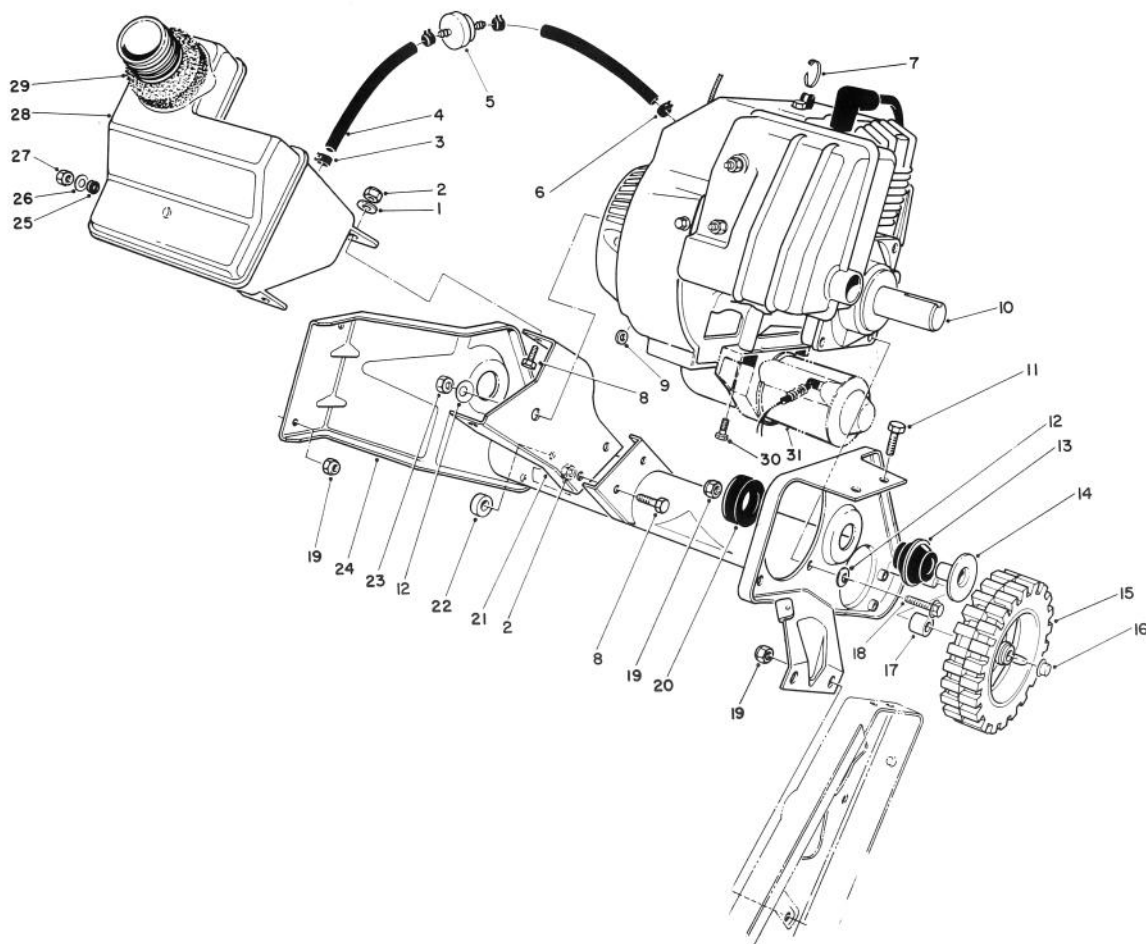


C-0015-90

ROTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-56	Nut — Lock	18
2	55-9370	Spacer	16
3	321-5	Screw — Hex Hd.	4
4	3256-67	Washer	8
5	10-8040	Key — Square	1

Ref. No.	Part No.	Description	No. Used
6	321-4	Screw — Hex Hd.	12
7	321-8	Screw — Hex Hd.	2
8	55-8900	Rotor Half	2
9	55-9201	Rotor Shaft Assembly	1
10	55-9251	Blade — Rotor	2

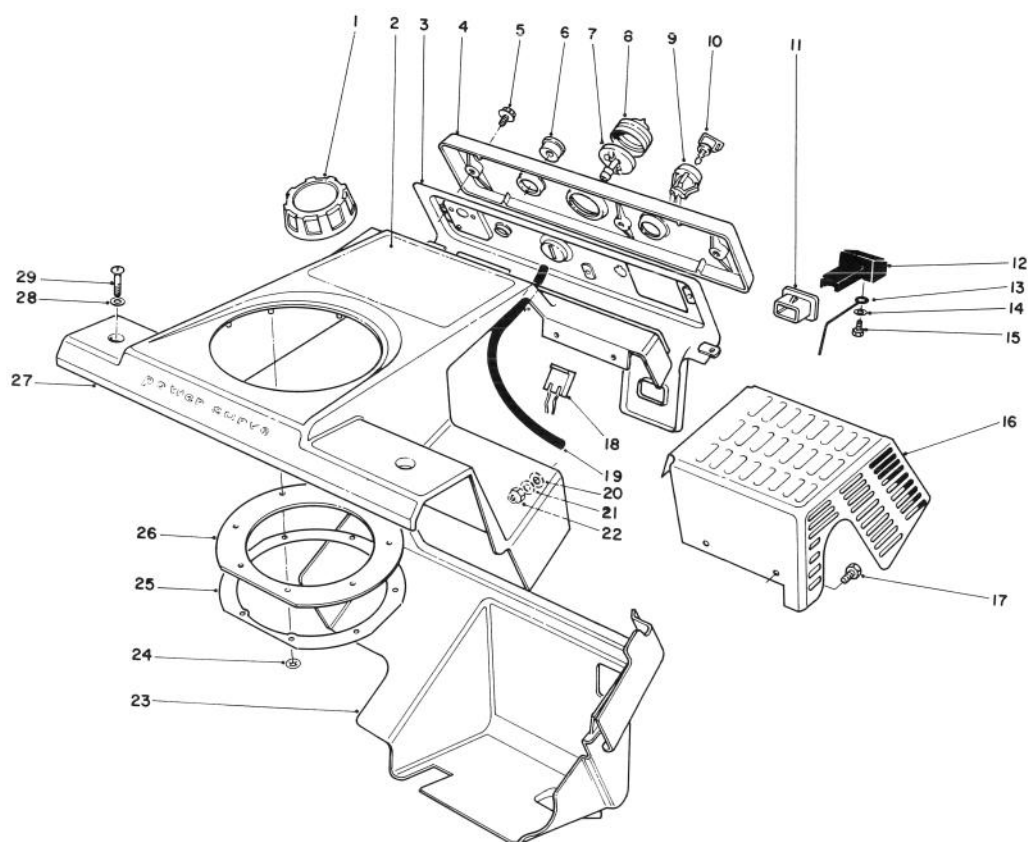


C-0016-90

ENGINE & MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256-22	Washer	2
2	3296-42	Nut — Lock	4
3	2412-86	Clamp — Fuel Line	3
4	49-2481	Line — Fuel	2
5	56-6360	Filter — Fuel	1
6	2412-80	Clamp — Fuel Line	1
7	250-4	Cable Tie	1
8	321-4	Screw — Hex Hd.	4
9	55-9620	Spacer	1
10	62-6720	Engine Assembly	1
11	322-3	Screw — Hex Hd.	2
12	3290-456	Washer — Belleville	5
13	55-9460	Mount — Rebound	2
14	55-9470	Tube — Spacer	2
15	66-6510	Wheel	2

Ref. No.	Part No.	Description	No. Used
16	32112-14	Pushnut	2
17	66-6501	Spacer — Wheel	1
18	81-0570	Bolt — Engine Mount	1
19	3296-29	Nut — Lock	5
20	55-9450	Mount — Load	2
21	55-9070	Support — Recoil	1
22	66-6500	Spacer — Wheel	1
23	81-0300	Nut — Hex	1
24	63-3750	Frame Assembly	1
25	327-89	Grommet	1
26	3256-23	Washer	1
27	32152-8	Nut — Lock	1
28	13-2459	Tank — Fuel (Incl. Ref. #25)	1
29	55-9310	Seal — Tank	1



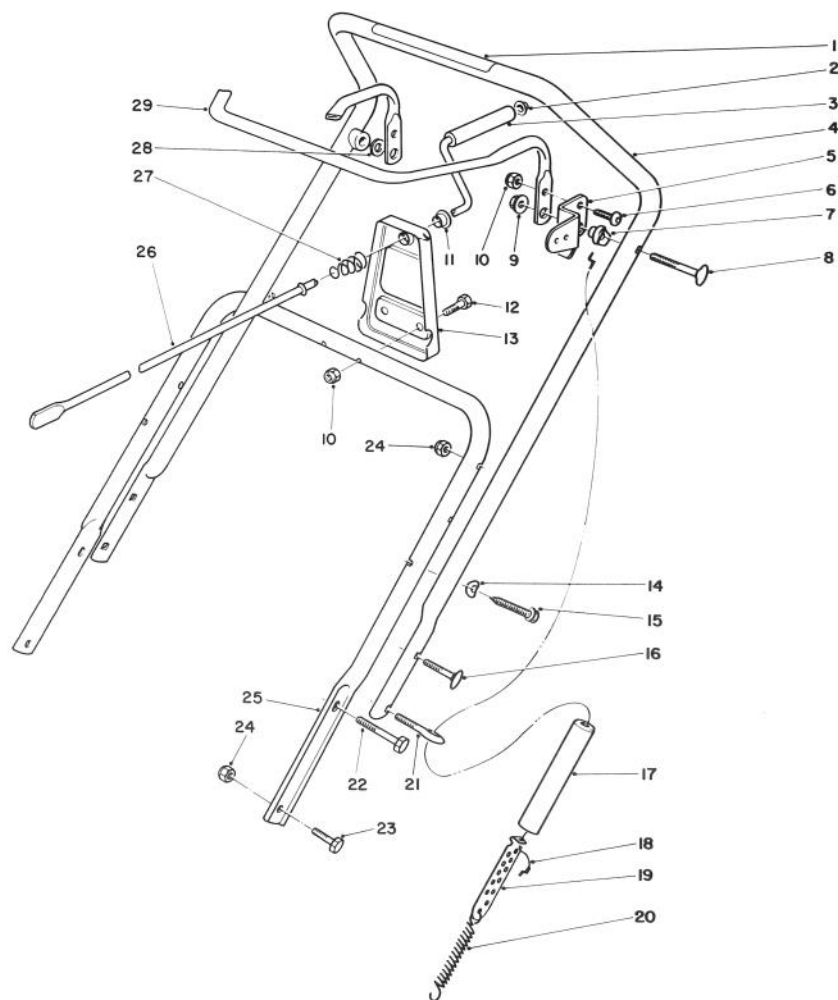
C0017-90

CONTROL PANEL & SHROUDING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	55-3573	Gas Cap Assembly	1
2	72-9970	Decal — CCR-2000	1
3	12-4659	Control Panel Assembly (Incl. Ref. #6-8 & 11)	1
4	55-9350	Nameplate — Control (Model No. 38180)	1
*	60-9490	Nameplate — Control (Model No. 38181)	1
5	12-5450	Screw — Hex Flange Hd.	3
6	55-9410	Guide — Starter Rope	1
7	44-2750	Body — Primer	1
8	66-7460	Bulb — Primer	1
9	40-5940	Switch — Key	1
10	63-8360	Key	1
11	55-8820	Fitting — Choke Control	1
12	55-8810	Control — Choke (Model No. 38180)	1
*	55-8811	Control — Choke (Model No. 38181)	1

Ref. No.	Part No.	Description	No. Used
13	61-4650	Linkage — Choke	1
14	38-5710	Washer	1
15	32104-130	Screw — Hex Hd.	1
16	55-9210	Shield — Heat	1
17	32105-8	Screw — Hex Hd.	4
18	218-532	Connector Body	1
19	44-3171	Hose — Primer	1
20	55-9660	Washer — Rubber	4
21	3256-14	Washer	4
22	32153-1	Nut — Flange Lock	4
23	55-8790	Shroud — Lower	1
24	3290-474	Pushnut	8
25	55-9540	Retainer — Chute Seal	1
26	55-9260	Seal — Chute	1
27	12-4649	Upper Shroud Assembly (Incl. Ref. #2 & 24-26)	1
28	3256-22	Washer	2
29	3250-32	Screw — Phillips	2

*Not Illustrated



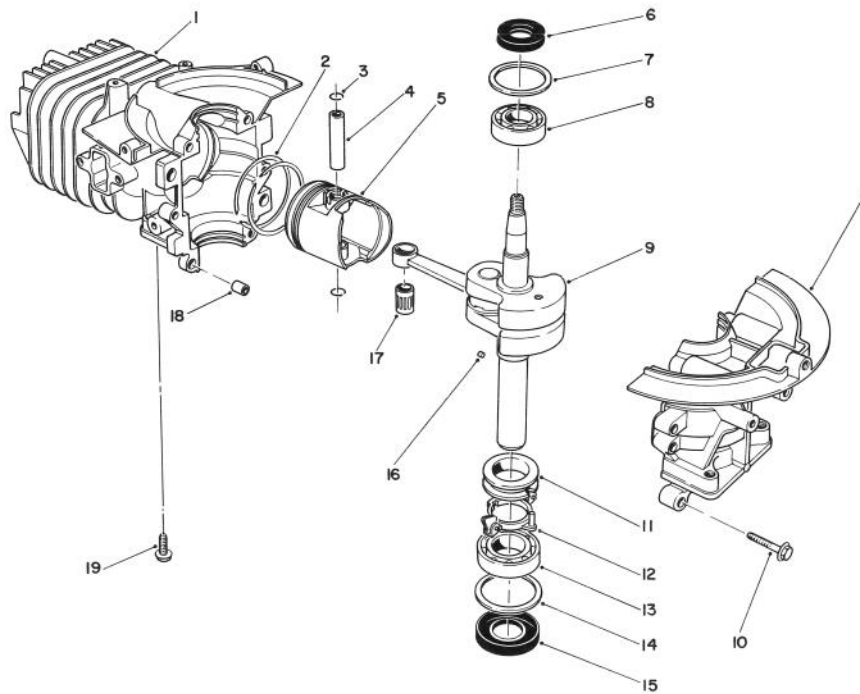
C0018-90

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-6870	Decal — Rotor Drive (Model No. 38180)	1
*	60-9470	Decal — Rotor Drive (Model No. 38181)	1
2	3290-320	Pushnut	1
3	66-6540	Grip — Crank Handle	1
4	12-5939	Upper Handle Assembly (Incl. Ref. #1) (Model No. 38180)	1
*	12-4639	Upper Handle Assembly (Incl. Ref. #1) (Model No. 38181)	1
5	55-9100	Arm — Clutch Cable	1
6	3274-31	Screw — Button Hd.	1
7	55-9340	Spacer — Control Bar	2
8	17-9420	Screw — Handle	2
9	3296-58	Nut — Flange Lock	2
10	3296-42	Nut — Lock	3
11	256-249	Nyliner	1

Ref. No.	Part No.	Description	No. Used
12	321-13	Screw — Hex Hd.	2
13	55-9090	Support — Chute Crank	1
14	3-7501	Washer — Curved	2
15	61-8640	Machine Screw — Hex Hd.	2
16	17-9424	Screw — Handle	3
17	55-9390	Cover — Spring	1
18	55-9321	Cable — Clutch	1
19	55-9380	Adjuster — Clutch Cable	1
20	55-9270	Spring — Extension	1
21	55-9420	Bolt — Eye	1
22	322-9	Screw — Hex Hd.	2
23	322-3	Screw — Hex Hd.	2
24	3296-29	Nut — Lock	6
25	55-9120	Handle — Lower	1
26	55-9140	Rod — Chute Crank	1
27	55-9440	Spring — Compression	1
28	55-9670	Washer — Rubber	1
29	55-9130	Bar — Control	1

*Not Illustrated



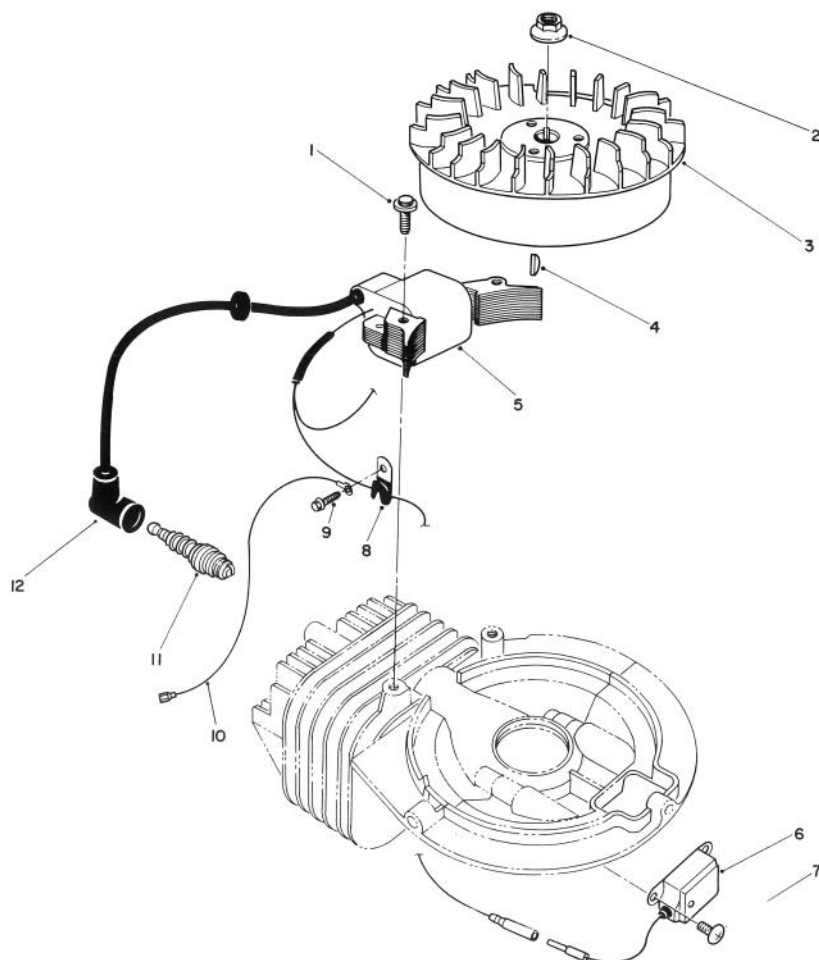
SHORT BLOCK ASSEMBLY (Engine Model No. 47PK9)

C-0019-90

Ref. No.	Part No.	Description	No. Used
1	81-0350	Cylinders/Crankcase Assembly	1
2	81-0590	Ring Set	1
3	81-0620	Circlip	2
4	81-0600	Pin — Wrist	1
5	81-0580	Piston	1
6	81-0720	Oil Seal	1
7	81-0710	Washer — Thrust	1
8	81-0690	Bearing — Upper	1
9	81-5700	Crankshaft	1
10	81-0540	Bolt	5

Ref. No.	Part No.	Description	No. Used
11	81-0770	Collar — Governor	1
12	81-0750	Centrifugal Bracket — Governor	1
13	81-0700	Bearing — Lower	1
14	81-0730	Washer — Thrust	1
15	81-0740	Oil Seal	1
16	81-0760	Pin — Governor	1
17	81-0610	Wrist Pin	1
18	81-0520	Dowel Pin — Crankcase	2
19	81-0570	Bolt	4
*	12-2479	Short Block (Incl. Ref. #1-19)	1

* Not Illustrated



C-0020-90

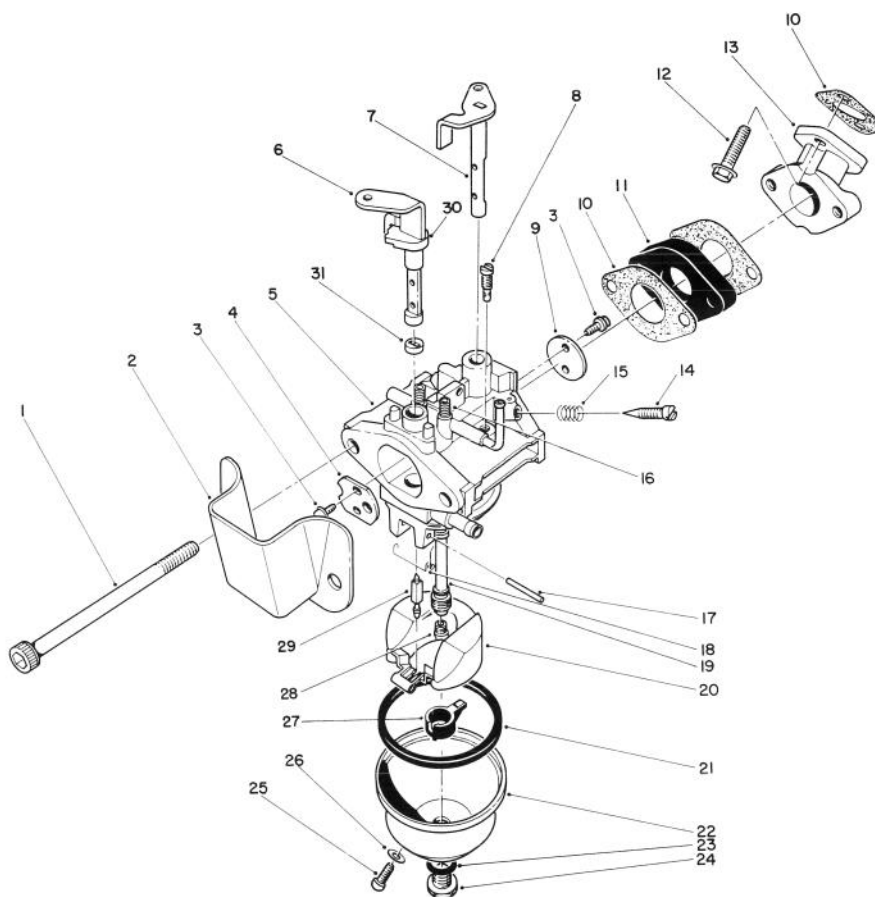
FLYWHEEL & MAGNETO ASSEMBLY

(Engine Model No. 47PK9)

Ref. No.	Part No.	Description	No. Used
1	81-5710	Socket Hd. Capscrew	2
2	81-1330	Hex Flange Nut	1
3	81-0320	Flywheel	1
4	81-2370	Woodruff Key	1
5	81-0330	Coil — Magneto	1
6	81-0340	Xstar Module — Magneto	1
7	81-0380	Screw	2

Ref. No.	Part No.	Description	No. Used
8	81-1480	Clamp	1
9	53-1340	Bolt	1
10	81-2860	Wire — Ground	1
11	81-0181	Spark Plug (NGK-BPMR4A)	1
12	81-1500	Cover — Spark Plug	1
*	41-7650	Puller — Flywheel	1

* Not Illustrated



C-0021-90

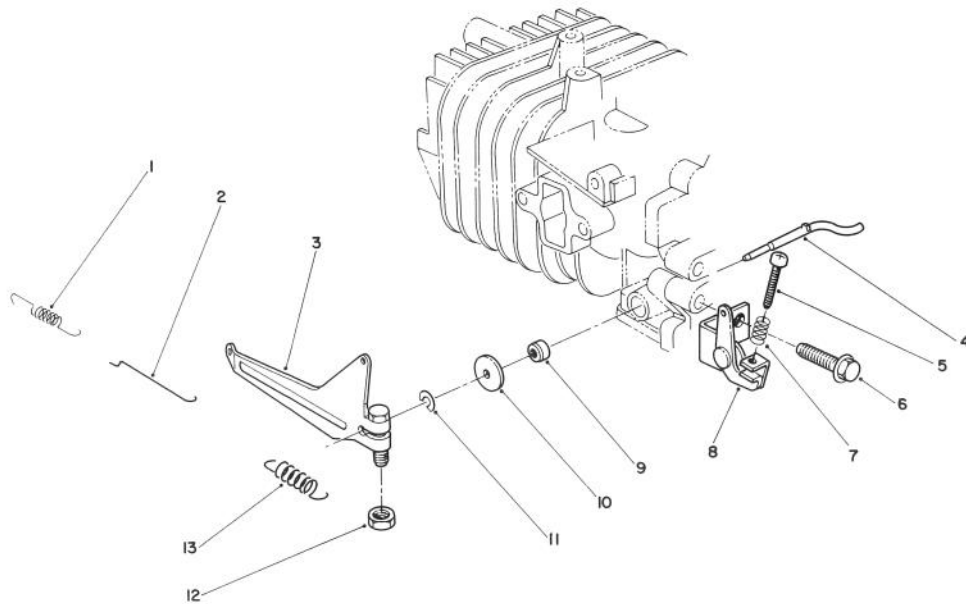
CARBURETOR ASSEMBLY

(Engine Model No. 47PK9)

Ref. No.	Part No.	Description	No. Used
1	81-0450	Screw	2
2	81-2700	Spitcup	1
3	81-2710	Screw	4
4	81-2720	Valve — Choke	1
5		Body — Carburetor	1
6	81-5510	Shaft — Choke (Incl. Ref. #30 & 31)	1
7	81-2920	Shaft — Throttle	1
8	81-2930	Jet — Pilot	1
9	81-2940	Valve — Throttle	1
10	81-2570	Gasket — Carburetor	3
11	81-0460	Insulator — Carburetor	1
12	50-6350	Bolt	2
13	81-0470	Manifold — Intake	1
14	50-2360	Screw — Pilot	1
15	81-2580	Spring — Pilot Screw	1
16	81-2590	Spring — Choke Detent	2

Ref. No.	Part No.	Description	No. Used
17	81-2600	Pin — Hinge	1
18	81-2610	Spring — Torsion	1
19	81-2740	Nozzle — Main	1
20	81-4920	Float	1
21	81-2630	Gasket — Float Bowl	1
22	81-2640	Bowl — Float	1
23	81-2650	Gasket — Bowl Screen	1
24	81-2660	Screw — Float Bowl	1
25	81-2670	Screw — Drain	1
26	81-2680	Gasket — Drain Screw	1
27	81-4930	Spacer-Float	1
28	81-1040	Jet — Main (#80)	1
*	81-1940	Jet — Main (#73.6)	1
29	81-4700	Needle	1
30	81-5520	Ring — Upper Choke	1
31	81-5530	Ring — Lower Choke	1
*	81-4690	Carburetor Assembly Complete	1

* Not Illustrated



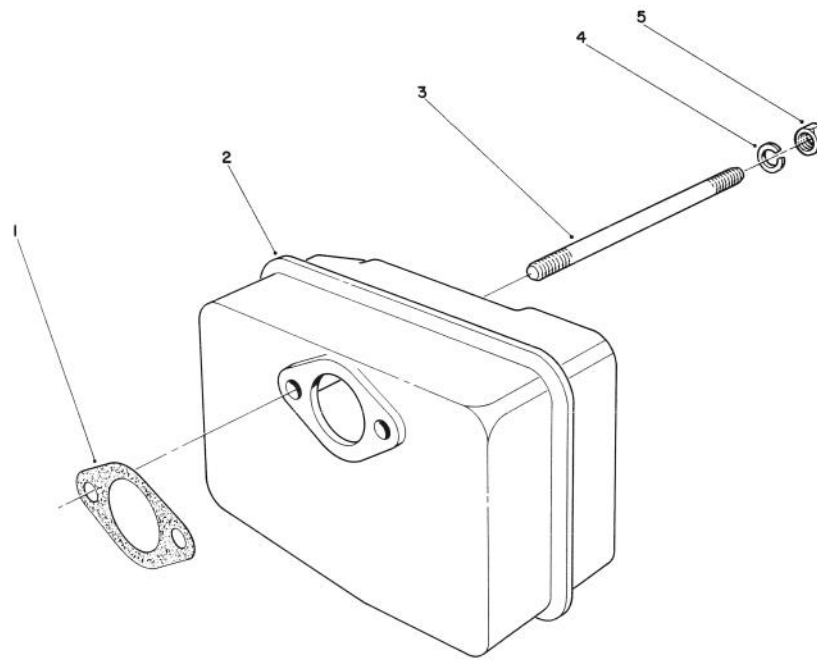
C-0022-90

GOVERNOR ASSEMBLY

(Engine Model No. 47PK9)

Ref. No.	Part No.	Description	No. Used
1	81-0440	Spring — Carburetor	1
2	81-0430	Rod — Carburetor	1
3	81-0410	Arm — Governor	1
4	81-2880	Shaft — Governor	1
5	81-2890	Screw	1
6	81-0540	Bolt	1
7	81-2900	Spring — Compression	1

Ref. No.	Part No.	Description	No. Used
8	81-0370	Bracket — Governor	1
9	81-0850	Spring	1
10	81-0860	Oil Seal	1
11	81-0870	Washer	1
12	81-0870	E-Ring	1
13	81-0900	Hex Nut	1
	81-0360	Spring — Governor	1



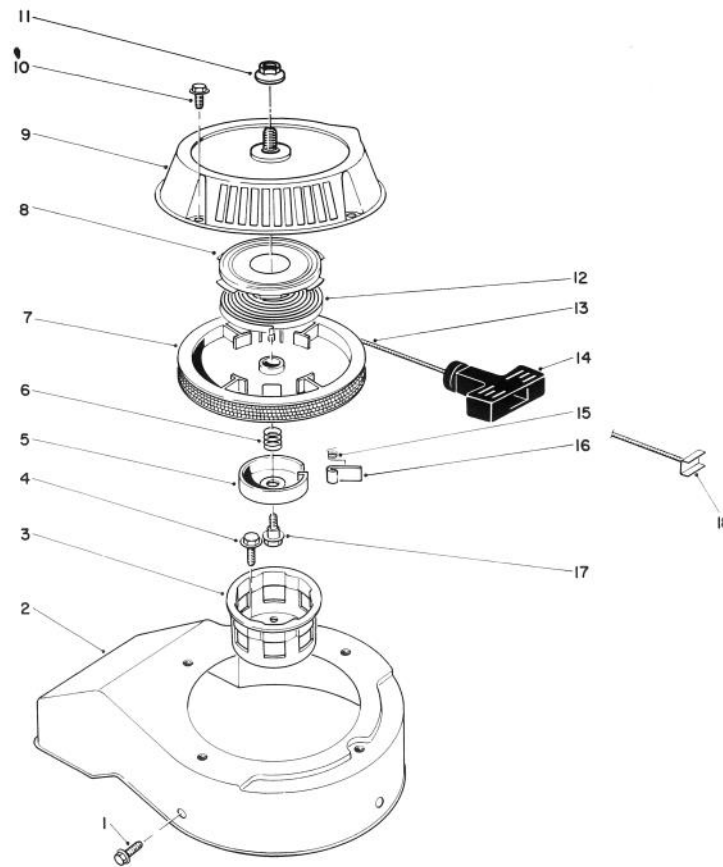
C-0023-90

MUFFLER ASSEMBLY

(Engine Model No. 47PK9)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket — Muffler	1
2	81-0490	Muffler	1
3	81-0500	Stud — Muffler	2

Ref. No.	Part No.	Description	No. Used
4	81-1120	Lockwasher	2
5	81-1110	Hex Nut	2



C-0024-90

RECOIL STARTER ASSEMBLY

(Engine Model No. 47PK9)

Ref. No.	Part No.	Description	No. Used
1	53-1340	Bolt	3
2	81-0310	Shroud — Blower	1
3	81-1290	Cup — Starter	1
4	82-1300	Bolt	3
5	81-1250	Retainer — Dog	1
6	81-1240	Spring — Compression	1
7	81-1210	Reel — Rope Pulley	1
8		Retainer — Recoil Spring	1
9	81-0290	Case — Recoil	1
10	81-0390	Bolt	4
11	81-0300	Flange Locknut	1
12		Spring - Recoil	1

Ref. No.	Part No.	Description	No. Used
13	81-2870	Rope	1
14	81-1630	Handle — Recoil	1
15	81-1220	Spring — Dog	1
16	81-1230	Dog — Starter	1
17	81-1260	Bolt	1
18	81-5760	Insert — Handle	1
*	81-0280	Starter Assembly (Incl. Ref. No. 5-9, & 12-17)	1
*	81-2300	Recoil Spring & Retainer Assembly (Incl. Ref. #8 & 12)	1

*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Snowthrower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on back of the mainframe assembly. In any correspondence concerning the Snowthrower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial numbers of the Snowthrower.
2. Part number, description, and quantity of part(s) desired.

Note: Do not order by reference number if a parts catalog is being used: use the PART NUMBER.

The Toro Promise

*A Two Year Limited Warranty
On All
Gasoline Powered Consumer Products*

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

Residential Product 2 Year
Residential Products Used Commercially . . . 45 Days

The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.

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

1. Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
2. He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
3. Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer'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 Service 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 operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account 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.

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MAINTENANCE RECORD

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