1990

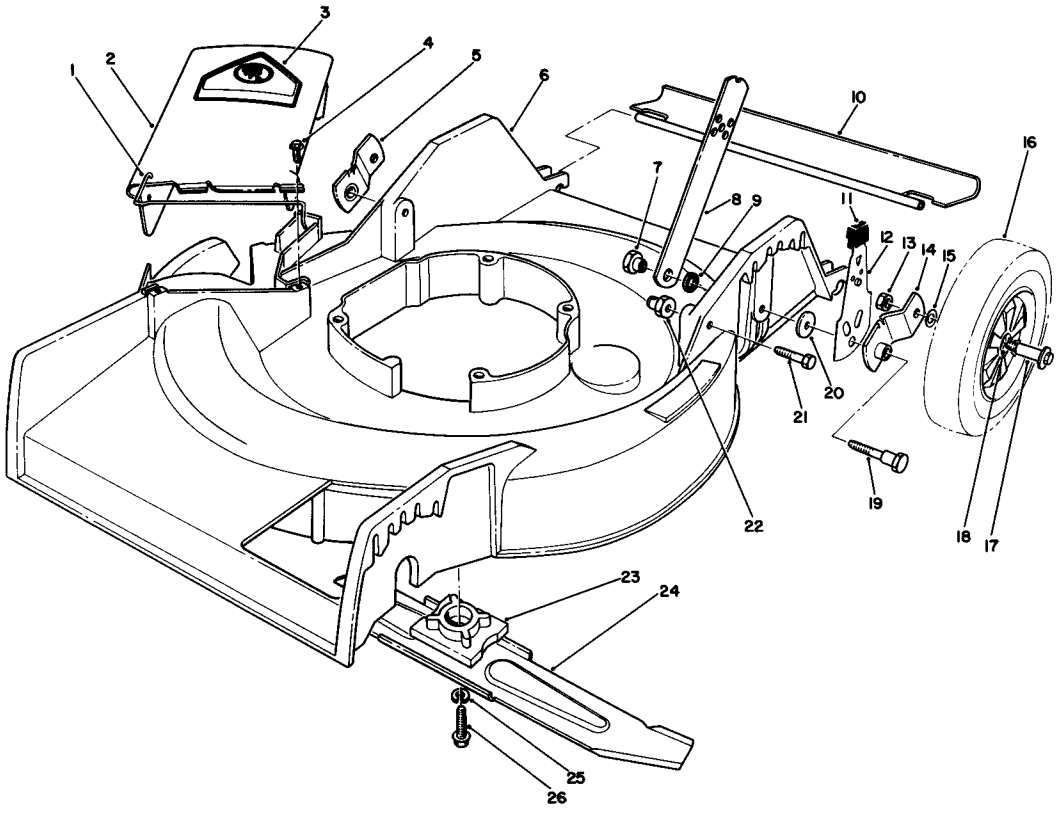
FORM NO. 3313-981

TORO

MODEL NO. 16775-0000001 & UP

PARTS CATALOG

21" S.P. SIDE DISCHARGE



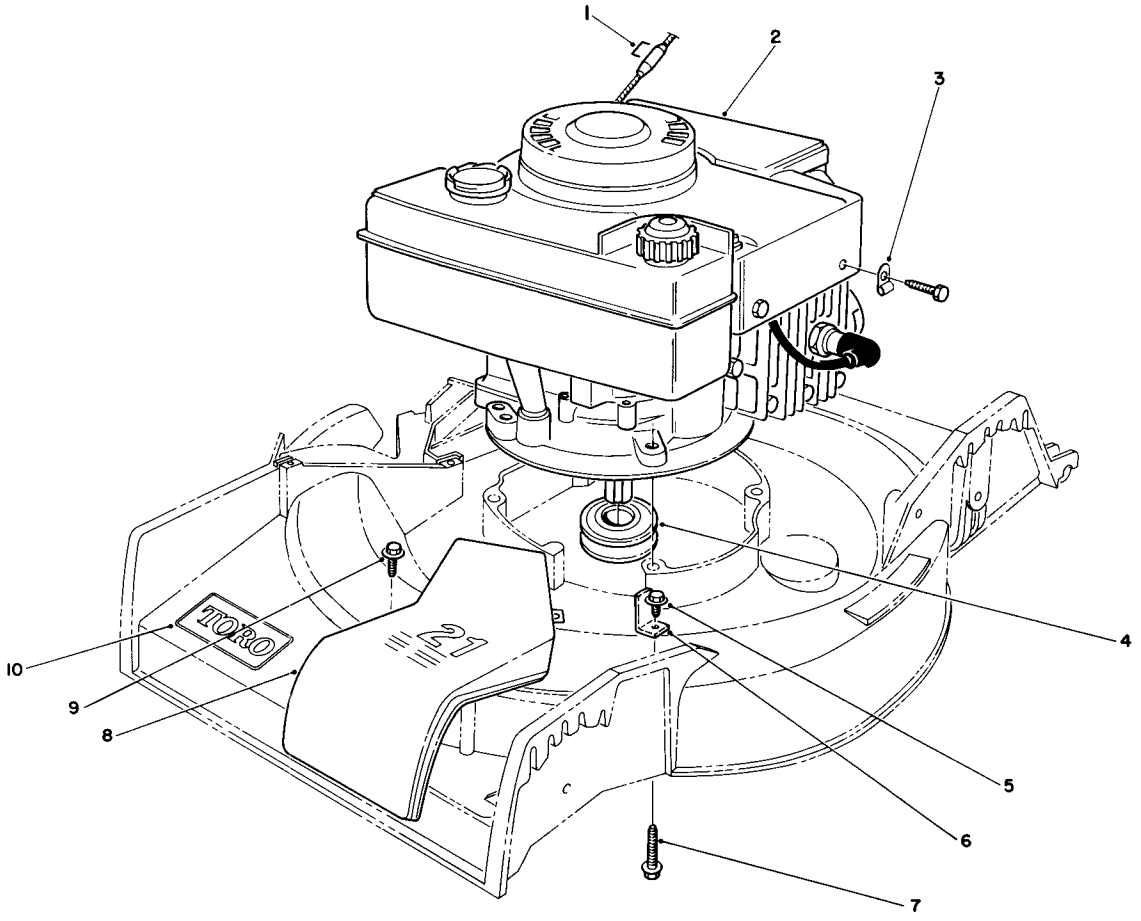
C-0262-90

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20-2640	Spring — Hinge	1
2	13-4049	Deflector Assembly (Incl. Ref. #1 & 3)	1
3	39-5770	Decal — Danger	1
4	46-6811	Screw w/Washer	2
5	20-2130	Pivot Arm Assembly "B"	1
6	13-3489	Housing — 21" (Incl. Ref. #27)	1
7	27-6520	Nut — Shoulder	2
8	27-7080	Latch — Handle	2
9	3-3287	Spacer — Handle Latch	2
10	66-5990	Shield — Rear	1
11	25-7740	Knob — Spring Arm	2
12	66-6030	Spring Arm Assembly	2
13	52-3620	Locknut	2

Ref. No.	Part No.	Description	No. Used
14	20-2140	Pivot Arm Assembly "A"	1
15	40-1940	Washer — Wheel Bolt	2
16	27-6200	Wheel & Tire Assembly (Incl. Ref. #18)	2
17	27-6230	Bolt — Wheel	2
18	27-6250	Bushing	4
19	28-8880	Screw — Pivot	2
20	33-0390	Washer — Pivot	2
21	322-6	Hex Hd. Capscrew	2
22	12-2080	Nut — Shoulder	2
23	49-7900	Retainer — Blade	1
24	20-2720	Blade — 21"	1
25	3253-22	Lockwasher	1
26	26-0671	Blade — Screw	1

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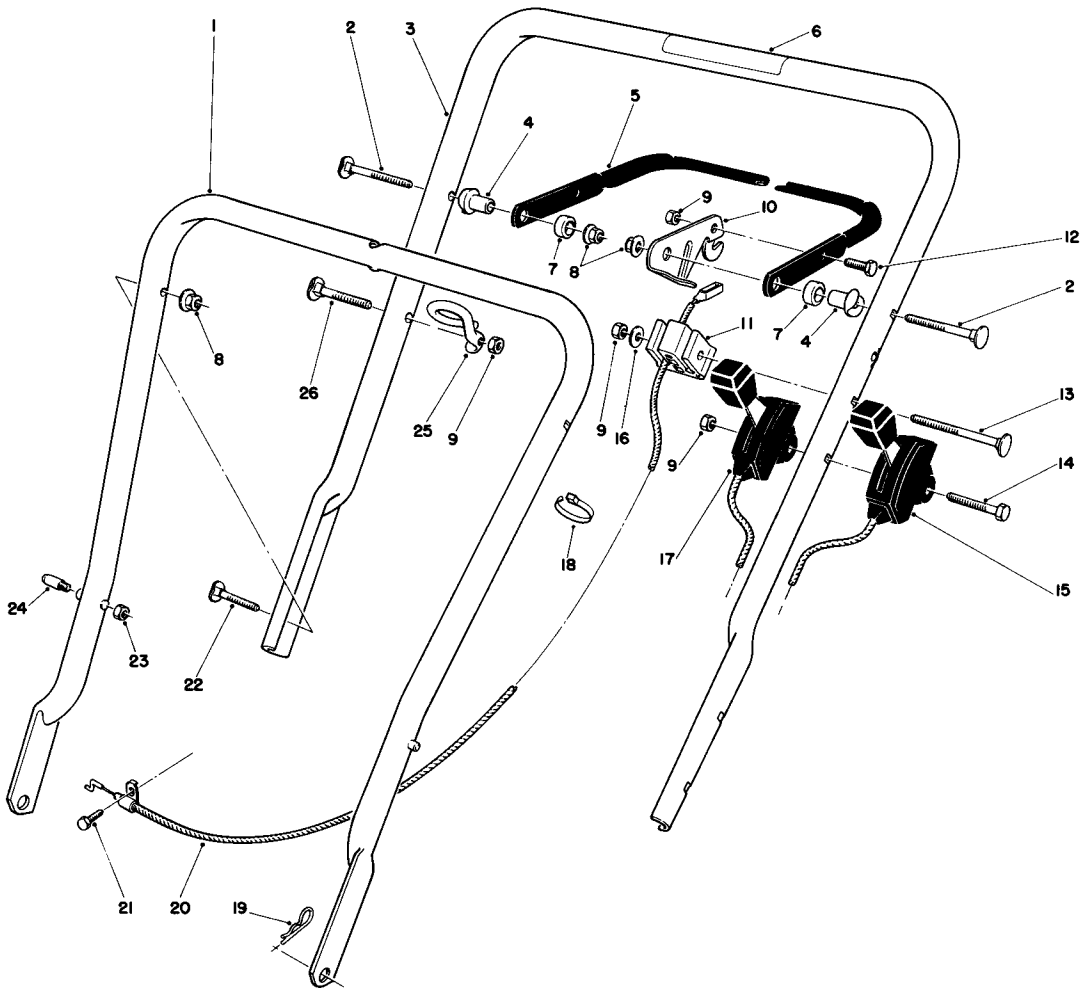
C-0266-89

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1†		Staple	1
2		Engine	1
3	2412-63	Clamp — Casing	1
4	46-7910	Pulley — Driver	1
5	32144-70	Hex Hd. Flange Screw	1

Ref. No.	Part No.	Description	No. Used
6	70-8080	Belt Guide	1
7	11-0580	Screw — Engine	3
8	46-4780	Cover — Belt	1
9	12-5450	Screw — Thread Forming	2
10	70-2200	Decal — Toro	1

† Obtain locally



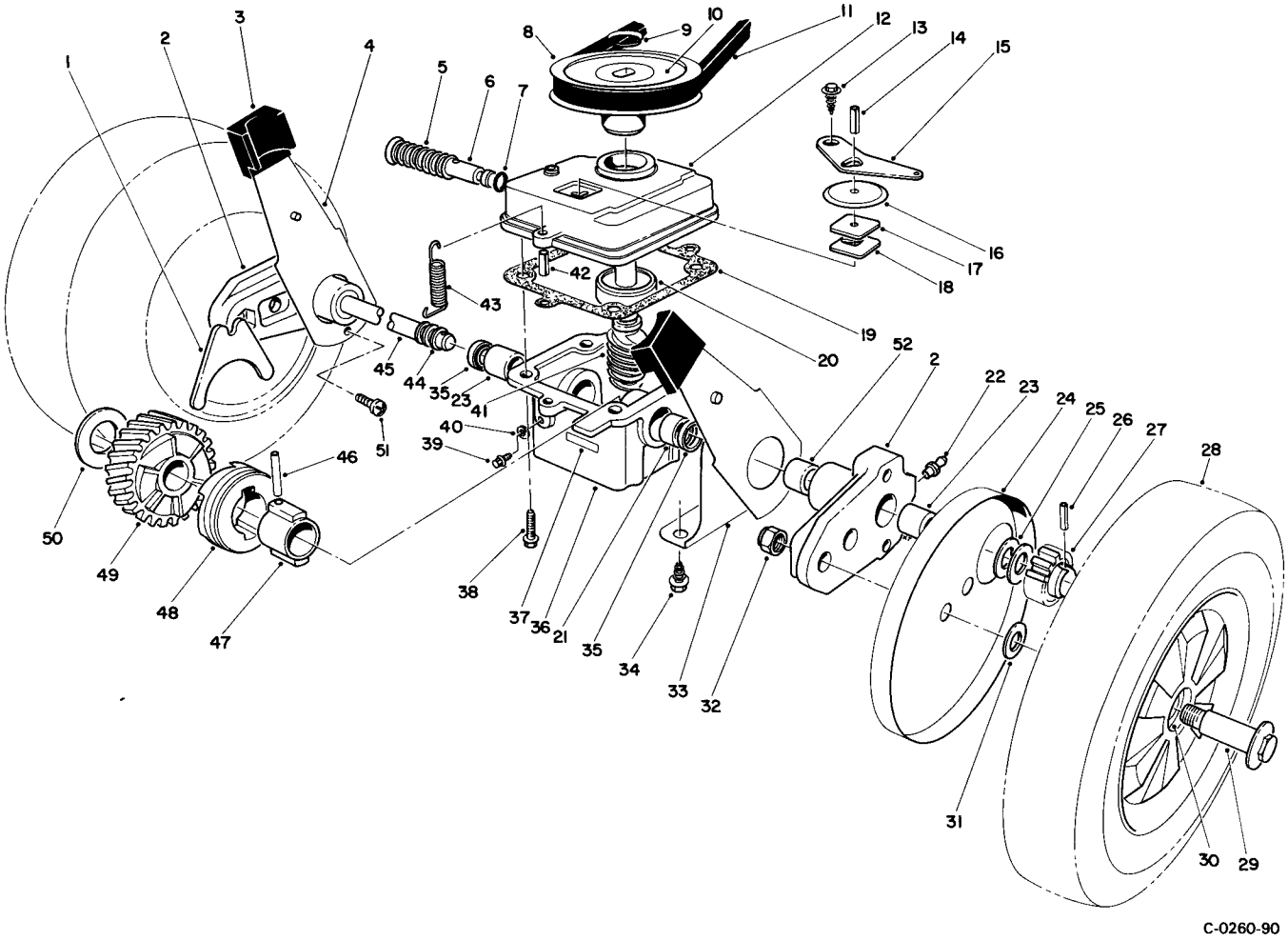
C-0267-90

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-1690	Lower Handle Assembly	1
2	17-9421	Screw — Handle	2
3	12-4419	Handle — Upper (Incl. Ref. #6)	1
4	49-1630	Support — Spacer	2
5	71-3080	Bar — Control	1
6	52-7510	Decal — Warning	1
7	256-276	Spacer — Nylon	2
8	3296-58	Nut — Flange Lock	4
9	3296-42	Nut — Lock	4
10	74-1820	Lever — Control	1
11	46-6980	Support — Cable	1
12	321-3	Capscrew	1
13	46-6434	Screw — Handle	1
14	321-15	Capscrew	1
15	70-7540	Control — Traction (Bend Type #3) (Sheath Lg. 46") (Wire Lg. 1-1/4")	1

Ref. No.	Part No.	Description	No. Used
16	3256-22	Washer — Flat	1
17	70-7570	Control — Throttle (Bend Type #1) (Sheath Lg. 30") (Wire Lg. 2-1/8")	1
18	3290-378	Cable — Tie	1
19	3290-255	Cotter — Hairpin	2
20	46-8010	Cable — Brake	1
21	2210-250	Capscrew	1
22	17-9424	Screw — Handle	2
†23	3296-47	Nut — Lock	2
†24	49-2750	Pin — Handle	2
25	46-8080	Guide — Rope	1
26	46-6433	Screw — Handle	1

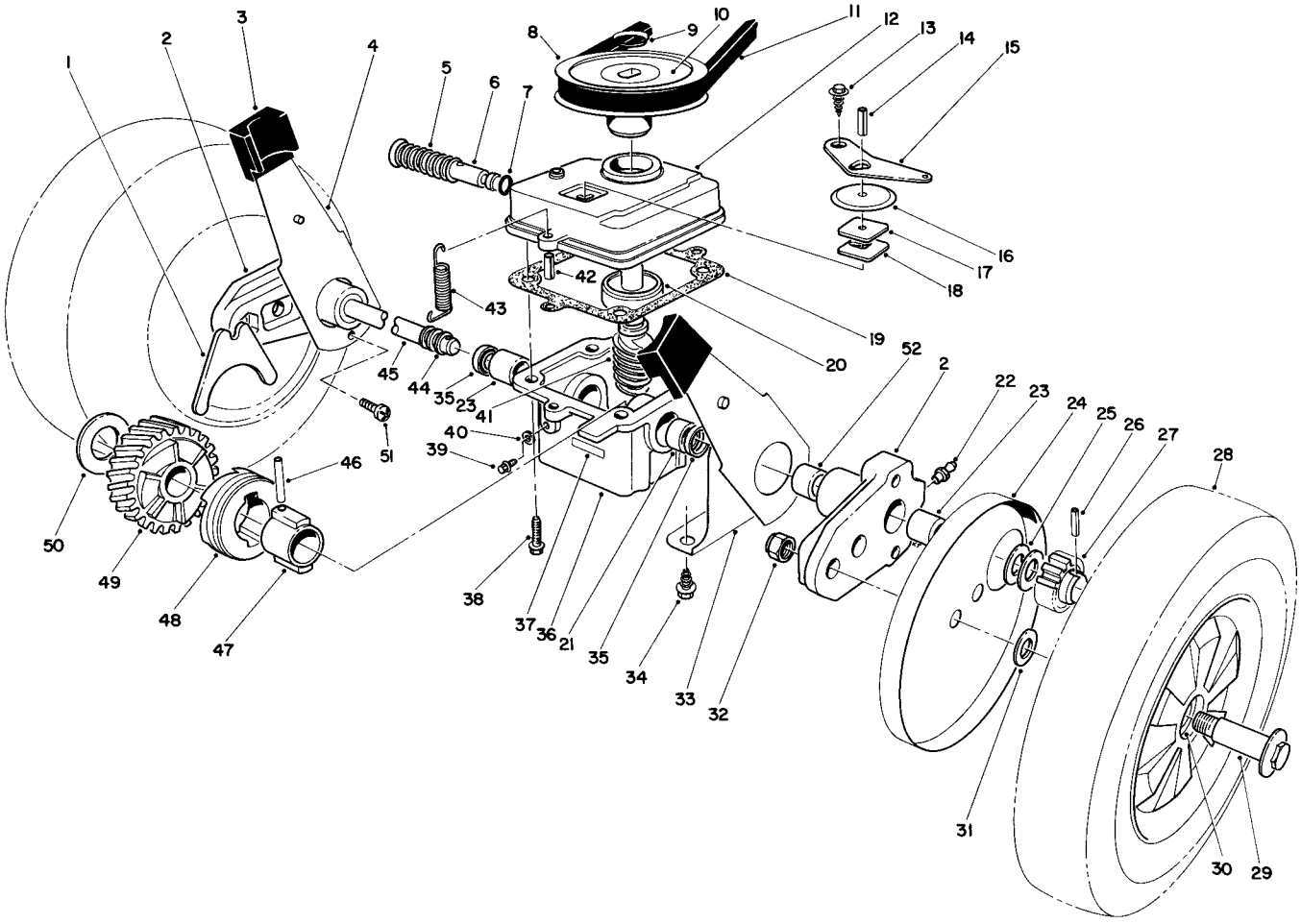
† Service Replacement Part



GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-3247	Fork — Shifter	1
2	66-6001	Arm — Pivot (Incl. Ref. #22, 23 & 52)	2
3	25-7740	Knob — Arm	2
4	67-9370	Spring Arm Assembly	2
5	3-0731	Spring	1
6	46-8240	Rod — Shifter	1
7	237-137	"O" Ring	1
8	18-9760	Pulley	1
9	3290-346	Retainer — Push On	1
10	33-2450	Decal — Caution	1
11	5-4505	V-Belt	1
12	39-1101	Cover — Gear Case	1
13	32140-64	Screw — Self Tapping	1
14	32121-114	Roll Pin	1
15	5-3252	Arm — Shifter	1
16	52-7380	Dust Cover — Transmission	1
17	52-7370	Filter — Dust	1
18	3-0681	Plate — Latch	1
19	36-1000	Gasket — Gear Case	1
20	47-7250	Ball Bearing	1
21	47-2890	Bushing	1
22	302-56	Fitting — Grease	2

Ref. No.	Part No.	Description	No. Used
23	47-2900	Bushing	3
24	36-5630	Cover — Wheel	2
25	46-6510	Washer — Thrust	4
26	32121-98	Pin — Coil	2
27	46-6520	Gear — Pinion	2
28	11-1419	Wheel, Tire, & Gear Assembly (Incl. Ref. #30)	2
29	27-6230	Bolt — Wheel	2
30	27-6250	Bushing — Wheel	4
31	40-1940	Washer — Wheel Bolt	2
32	52-3620	Locknut	2
33	68-9000	Cap — End	2
34	32144-70	Screw — Self Tapping	4
35	47-6730	Seal — Oil	2
36	8-0479	Gear Case (Incl. Ref. #21, 23, & 35)	1
37	40-4755	Decal	1
38	11-9760	Screw	4
39	28-1550	Screw — Nylon	1
40	46-9640	Gasket	1
41	8-5679	Worm Shaft & Gear (Incl. Ref. #49)	1
42	32121-1	Pin — Roll	2

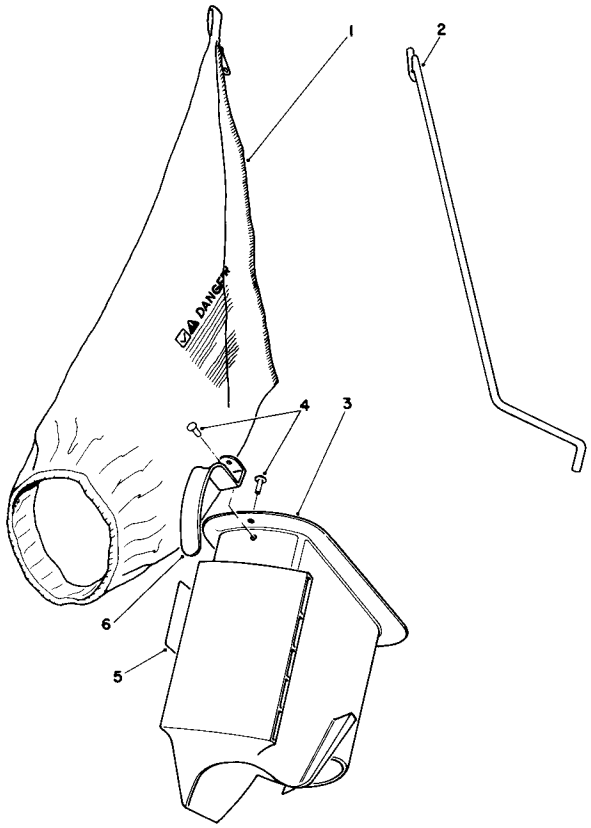


GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
43	17-4490	Spring — Belt Tension	1
44	24-7920	Cover — Drive Shaft	1
45	66-6020	Shaft — Drive	1
46	32121-88	Pin — Coil	1
47	3-0721	Sleeve	1
48	19-5660	Jaw — Clutch	1
49		Helical Gear	1

Ref. No.	Part No.	Description	No. Used
50	3-0724	Washer — Thrust	1
51	63-8590	Screw — Button Hd.	2
52	70-9760	Bushing	2
*	13-3479	Gear Case Assy. (Complete)	1
*	27-0490	Bearing & Shaft Tool	1
*†	39-9640	Metric Bearing Tool	1
*	27-0460	Tool Bushing	1

* Not Illustrated
† Use with 27-0490 Bearing & Shaft Tool

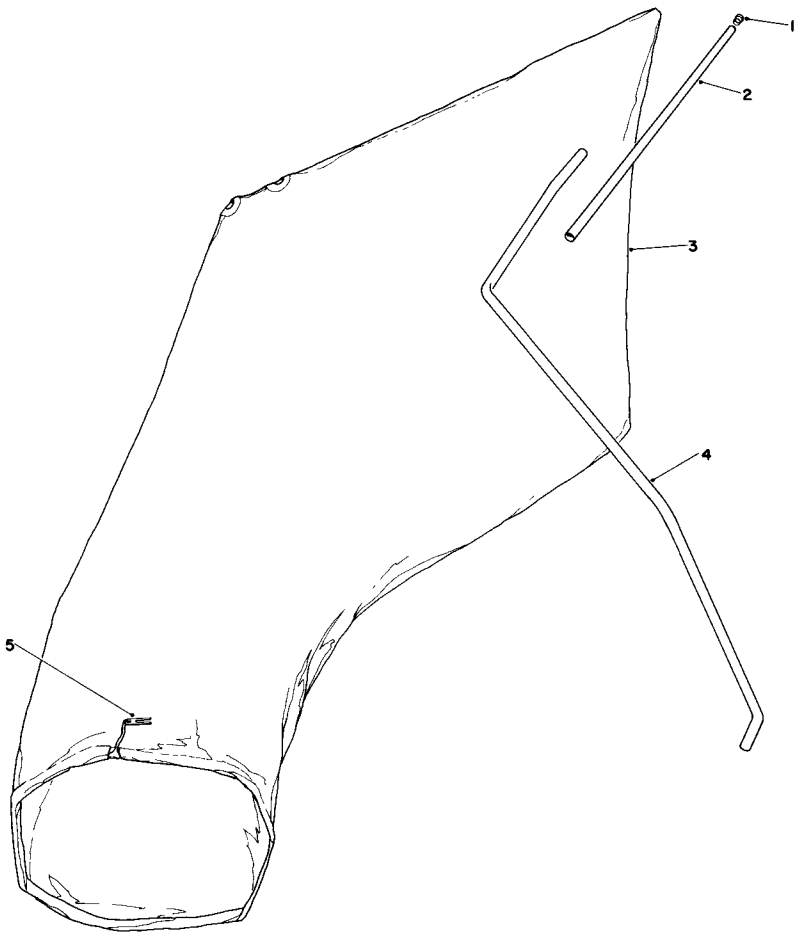


C-0187-89

BAGGING KIT NO. 47-6510 (Optional)

Ref. No.	Part No.	Description	No. Used
1	6-0929	Grass Bag	1
2	47-5830	Bag Rod	1
3	6-1089	Grass Chute (Incl. Ref. #4 & 6)	1

Ref. No.	Part No.	Description	No. Used
4	3295-26	Rivet	2
5	36-5230	Decal — Bag Chute	1
6	20-4650	Handle Chute	1



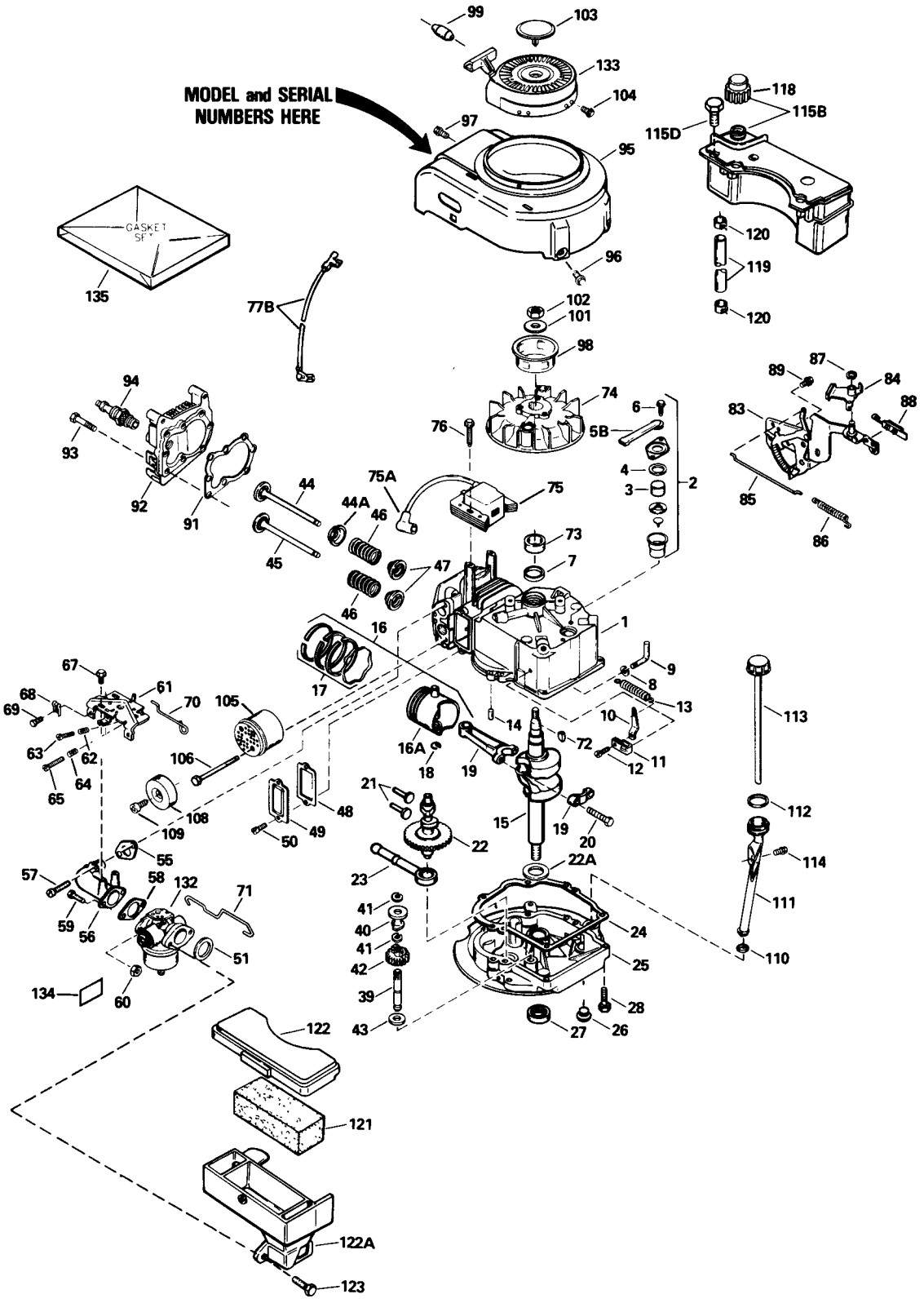
C-0190-89

GIANT BAGGING KIT NO. 29-9750 (Optional)

Ref. No.	Part No.	Description	No. Used
1	2410-29	Cap	1
2	29-7000	Tube 25"	1
3	8-4719	Bag (Incl. Ref. #5)	1

Ref. No.	Part No.	Description	No. Used
4	22-4820	Hanger Rod	1
5	3-2781	Bag Cord Fasteners	1

ENGINE TECUMSEH MODEL NO. TVS100-44016B

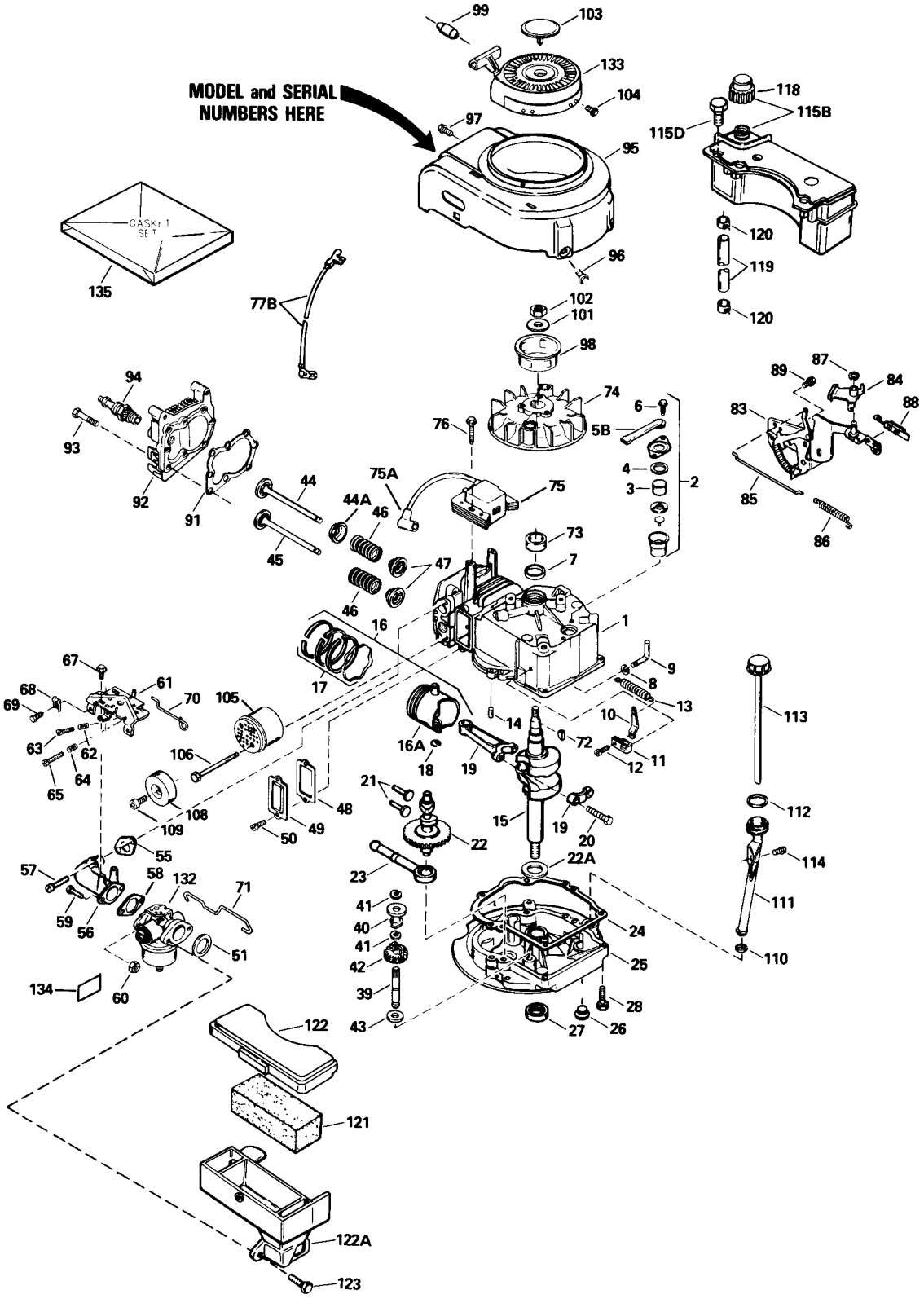


ENGINE TECUMSEH MODEL NO. TVS100-44016B

Ref. No.	Part No.	Description	No. Used
1	35010	Cylinder Assembly (Incl. Ref. #7 & 14)	1
2	34214A	Breather Assembly (Incl. Ref. #3-6)	1
3	33734	Element — Breather	1
4	*33735	Gasket — Breather	1
5B	33886	Tube — Breather	1
6	30200	Screw — Hex Washer Hd.	2
7	32600	Seal — Oil	1
8	28277	Washer — Flat	1
9	30589	Rod — Governor (Incl. Ref. #8)	1
10	31383A	Lever — Governor	1
11	31335	Clamp — Governor Lever	1
12	650548	Screw — Hex Washer Hd.	1
13	31361	Spring — Extension	1
14	26727	Pin — Dowel	2
15	35482	Crankshaft Assembly	1
16	35544	Piston — Pin & Ring Assy. (Std.) (Incl. Ref. #16A, 17 & 18)	1
16	35545	Piston — Pin & Ring Assembly (.010 oversize) (Incl. Ref. #16A, 17 & 18)	1
16	35546	Piston — Pin & Ring Assembly (.020 oversize) (Incl. Ref. #16A, 17 & 18)	1
16A	35541	Piston & Pin Assembly (Std.) (Incl. Ref. #18)	1
16A	35542	Piston & Pin Assembly (.010 oversize) (Incl. Ref. #18)	1
16A	35543	Piston & Pin Assembly (.020 oversize) (Incl. Ref. #18)	1
17	35547	Ring Set — Piston (Std.)	1
17	35548	Ring Set — Piston (.010 oversize)	1
17	35549	Ring Set — Piston (.020 oversize)	1
18	20381	Ring — Piston Pin Retaining	2
19	30963B	Rod Assembly — Connecting (Incl. Ref. #20)	1
20	32610A	Bolt — Connecting Rod	2
21	27241	Valve — Lifter	2
22	33553	Camshaft (Mechanical Compression Release)	1
22A	32323	Washer — Thrust	1
23	29914	Pump Assembly — Oil	1
24	*35261	Gasket — Mounting Flange	1
25	34311B	Flange — Mounting (Incl. Ref. #26, 27 & 39)	1
26	27244	Plug — Oil Drain	1
27	27897	Seal — Oil	1
28	650488	Screw — Hex Hd.	6
39	30574	Shaft — Governor	1
40	30588A	Spool — Governor	1
41	29193	Ring — Retaining	1
42	30591	Gear Assembly — Governor (Incl. Ref. #43)	1
43	35479	Washer — Flat	1
44	29314B	Valve — Intake (Std.) (Incl. Ref. #47)	1
44	29315C	Valve — Intake (1/32" oversize) (Incl. Ref. #47)	1
44A	35390	Seal Assy. — Intake Valve	1
45	29313C	Valve — Exhaust (Std.) (Incl. Ref. #47)	1
45	29315C	Valve — Exhaust (1/32" oversize) (Incl. Ref. #47)	1
46	31672	Spring — Valve	1
47	31673	Cap — Lower Valve Spring	1
48	*27234A	Gasket — Valve Spring Box	1
49	32755	Cover — Valve Spring Box	1
50	650128	Screw — Hex Hd.	2
51	*34338	Gasket — Air Cleaner	1
55	*34690A	Gasket — Intake Pipe	1
56	31384A	Pipe — Intake (Incl. Ref. #55)	1
57	650451	Screw — Hex Hd.	2
58	*26756	Gasket — Carburetor	1
59	6201	Screw — Hex Hd.	2
60	29752	Nut & Lockwasher	2
61	33131A	Bracket Assembly — Control (Incl. Ref. #62-65)	1
62	33802	Spring — Compression	1
63	650777	Screw — Fil. Hd.	1
64	31342	Spring — Compression	1
65	650549	Screw — Fil. Hd.	1
67	30200	Screw — Hex Washer Hd.	2
68	27793	Clip — Conduit	1
69	28942	Screw — Hex Washer Hd.	1
70	34337	Link — Governor Spring	1
71	34336	Link — Throttle	1
72	611004	Key — Flywheel	1
73	34080	Spacer — Flywheel Key	1
74	611112	Flywheel	1
75	34443A	Solid State Assembly	1
75A	610118	Cover — Spark Plug	1
76	650814	Screw — Torx Hex Washer Hd.	1
77B	34961	Wire — Ground	1
83	35015A	Bracket — S.E. Brake	1
84	34968	Lever — Brake	1
85	34966	Link — Control	1
86	34965	Spring — Extension	1
87	32309	Ring — Retaining	1
88	610973	Terminal Assembly	1
89	650839	Screw — Hex Washer Hd.	1
91	*33015A	Gasket — Cylinder Head	1
92	34342	Head — Cylinder	1
93	6021A	Screw — Hex Flange Hd.	8
94	35395	Spark Plug — Resistor (Champion RJ-19LM or equivalent)	1

* Indicates parts included in Gasket Set, Ref. #135.

ENGINE TECUMSEH MODEL NO. TVS100-44016B (Continued)

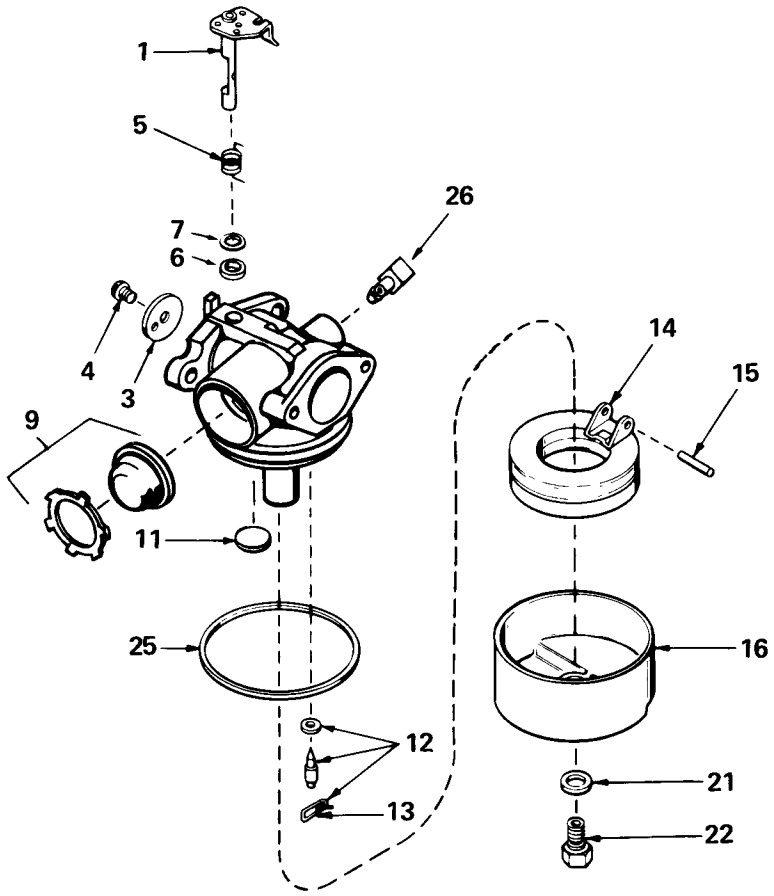


ENGINE TECUMSEH MODEL NO. TVS100-44016B (Continued)

Ref. No.	Part No.	Description	No. Used
95	35484	Housing — Blower	1
96	650831	Screw — Hex Washer Hd.	2
97	30200	Screw — Hex Washer Hd.	2
98	35000	Hub — Starter	1
99	34985	Retainer — Starter Roper (ECV)	1
101	650815	Washer — Belleville	1
102	650816	Nut — Flywheel	1
103	35392	Plug — Starter	1
104	650884	Screw — Hex Washer Hd.	4
105	27181B	Muffler Assembly (Incl. Ref. #106)	1
106	650795	Screw — Hex Hd.	1
108	32431	Cover — Muffler	1
109	650760	Screw — Pan Hd.	1
110	34265	Gasket — Fill Tube	1
111	35577	Tube — Oil Fill	1
112	35499	"O" Ring	1
113	35578	Dipstick — Oil Fill	1

Ref. No.	Part No.	Description	No. Used
114	650562	Screw — Hex Washer Hd.	1
115B	34476	Tank Assembly (Incl. Ref. #118 & 120)	1
115D	28763	Screw — Hex Washer Hd.	2
118	33032	Cap — Fuel	1
119	30705	Line — Fuel	1
120	26460	Clamp — Fuel Line	1
121	34340	Filter — Air Cleaner	1
122	34341A	Cover — Air Cleaner	1
122A	34858	Body — Air Cleaner	1
123	650806	Screw — Hex Washer Hd. Shoulder	1
132	632098	Carburetor (Incl. Ref. #58)	1
133	590621	Starter — Rewind	1
134	34144	Decal — Primer	1
135	33238D	Gasket Set (Incl. Items Marked *)	1

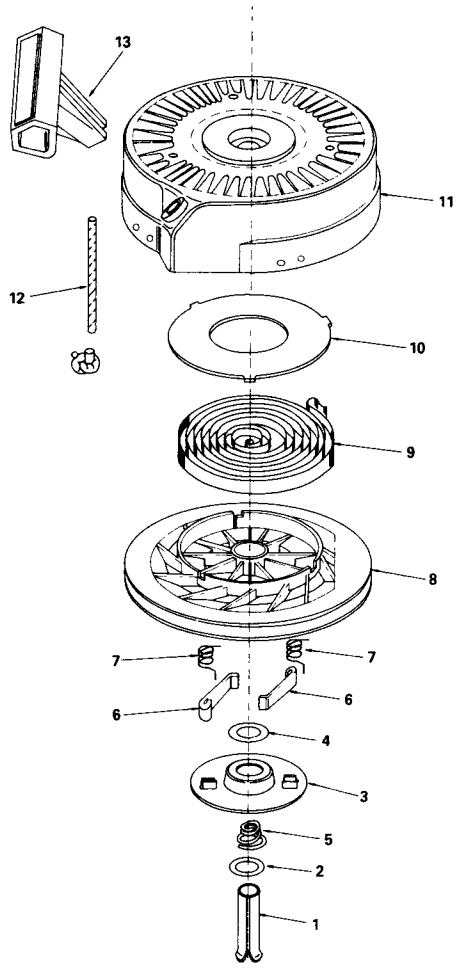
* Indicates parts included in Gasket Set, Ref. #135.



CARBURETOR NO. 632098

Ref. No.	Part No.	Description	No. Used
1	631615	Shaft & Lever Assy., Throttle	1
3	631616	Shutter — Throttle	1
4	650506	Screw — Throttle Shutter	1
5	631767	Spring — Throttle Return	1
6	631971	Seal — Dust	1
7	631184	Washer — Flat	1
9	632047	Primer Assembly	1
11	631027	Plug — Welch	1
12	631021	Inlet Needle — Seat & Clip Assy. (Incl. Ref. #13)	1

Ref. No.	Part No.	Description	No. Used
13	631022	Clip — Inlet Needle	1
14	632019	Float — Carburetor	1
15	631024	Shaft — Float	1
16	631700	Bowl — Float	1
21	631334	Gasket — Bowl-To-Body	1
22	631937	Nut — Float Bowl	1
25	631028	Gasket — Bowl-To-Body	1
26	631807	Fitting — Fuel Inlet	1



REWIND STARTER NO. 590621

Ref. No.	Part No.	Description	No. Used
1	590599A	Pin — Spring (Incl. Ref. #4)	1
2	590600	Washer	1
3	590615	Retainer	1
4	590601	Washer	1
5	590598	Spring — Brake	1
6	590616	Dog — Starter	2
7	590617	Spring — Dog	2

Ref. No.	Part No.	Description	No. Used
8	590618	Pulley	1
9	590619	Spring — Rewind	1
10	590620	Cover — Spring	1
11	590622	Housing Assembly — Starter	1
12	590535	Rope — Starter (Length 98" & 9/64" dia.)	1
13	590452	Handle — Starter	1

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change apparently has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Mower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on the mower housing between the rear wheels. In any correspondence concerning the mower, 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 mower.
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 your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Residential Product ..... 2 Years
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.

Compliance with Radio Interference Regulations Certified
Certifie Conforme au Reglement sur le Brouillage Radioelectrique

MAINTENANCE RECORD

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Sharpen Blade	Winter Storage	Spring Service	Spark Plug Gap

MAINTENANCE RECORD

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Sharpen Blade	Winter Storage	Spring Service	Spark Plug Gap