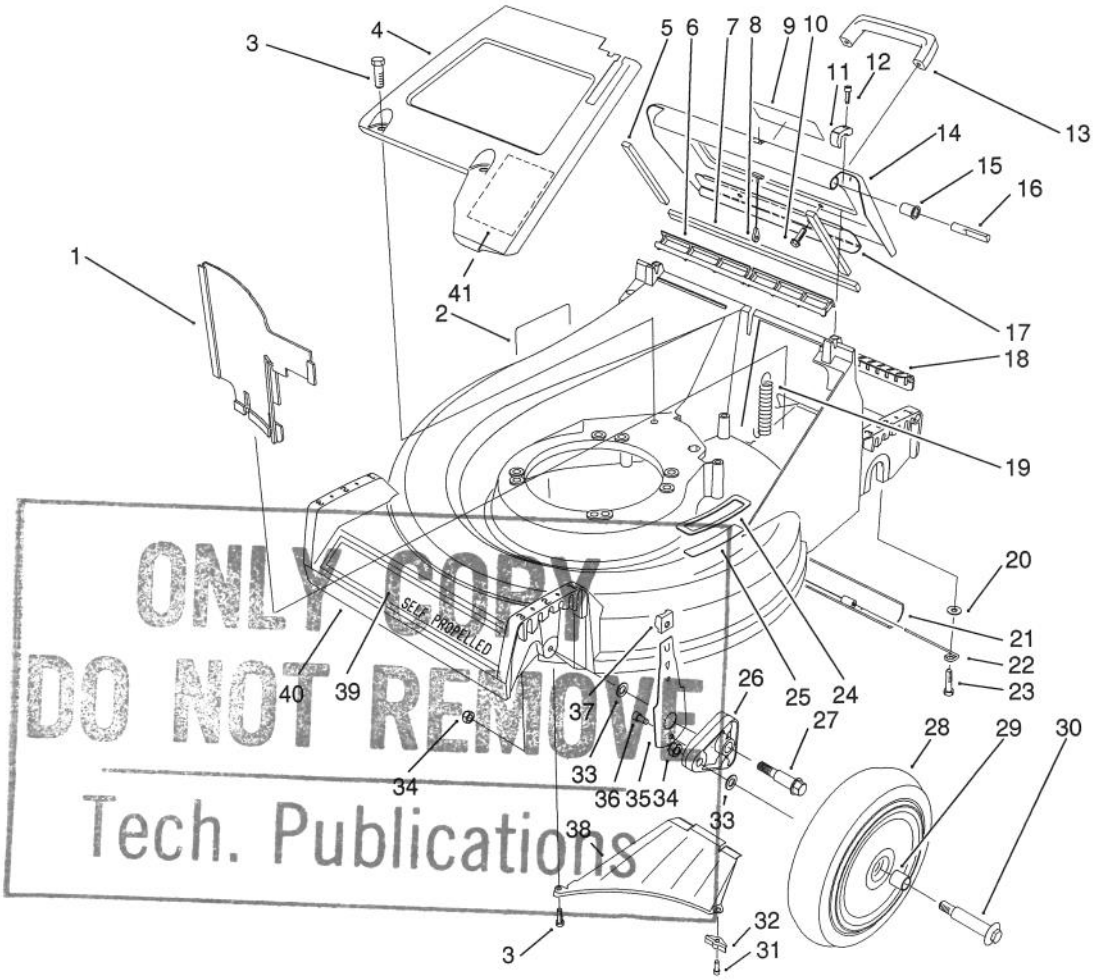
FORM NO. 3314-580

TORO

MODEL NO. 27502-1000001 & UP

PARTS CATALOG

21" S.P. REAR BAGGER KEY-LECTRIC



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C-0721

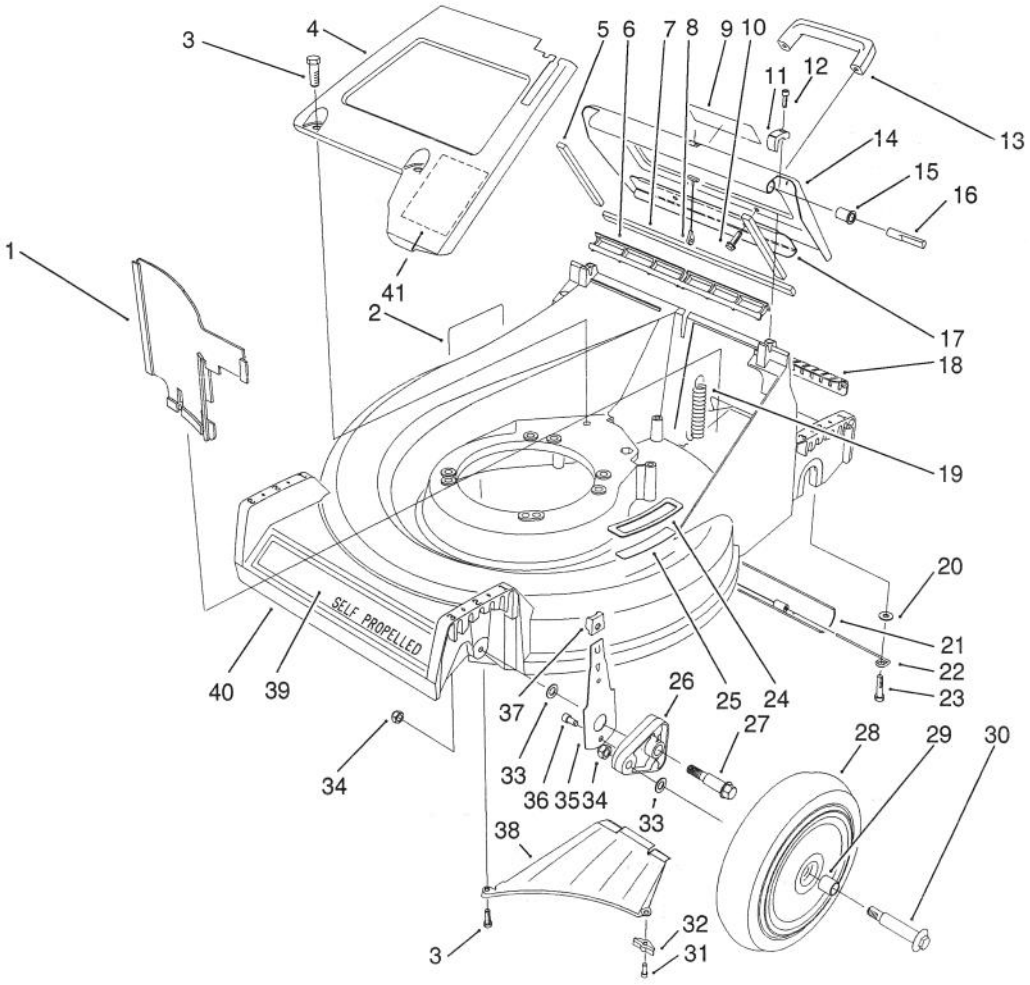
HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-0020	Panel - Vertical	1
2	43-8480	Decal - Danger	1
3	32144-70	Screw - Hex Hd. Cap	3
4	65-5660	Panel - Screen	1
5	65-5480	Seal - Door Side	2
6	65-5160	Seal - Door	1
7	65-5490	Seal - Door End	1
8	65-5370	Cable - Door	1
9	63-9050	Decal - Warning	1
10	46-8091	Screw - Hex Washer Hd.	2
11	65-5140	Clamp - Hinge	2
12	65-5210	Screw - Thr'd Forming	2
13	65-5100	Handle - Door	1
14	13-2189	Door - Discharge (Incl. Ref. #5, 7, 9, &17)	1
15	65-5460	Bushing - Door	2
16	65-5290	Pin - Hinge	2

Ref. No.	Part No.	Description	No. Used
17	66-0610	Brace - Door	1
18	65-5150	Cover - Access	1
19	65-5360	Spring - Extension	1
20	3256-23	Washer - Flat	2
21	65-5350	Shield - Trailing	1
22	76-1980	Hanger - Shield	2
23	5-2490	Bolt - Shoulder	2
24	66-0110	Pad - Step	1
25	46-7370	Decal - Step Pad	1
26	66-0580	Arm - Pivot Front	2
27	66-0560	Screw - Shoulder	2
28	11-9509	Wheel & Tire Assembly (Incl. Ref. #29)	2
29	27-6250	Bushing	4
30	27-6231	Bolt - Wheel	2
31	65-5221	Screw - Thr'd Forming	1
32	66-0640	Bracket - Discharge Ramp	1

TPS

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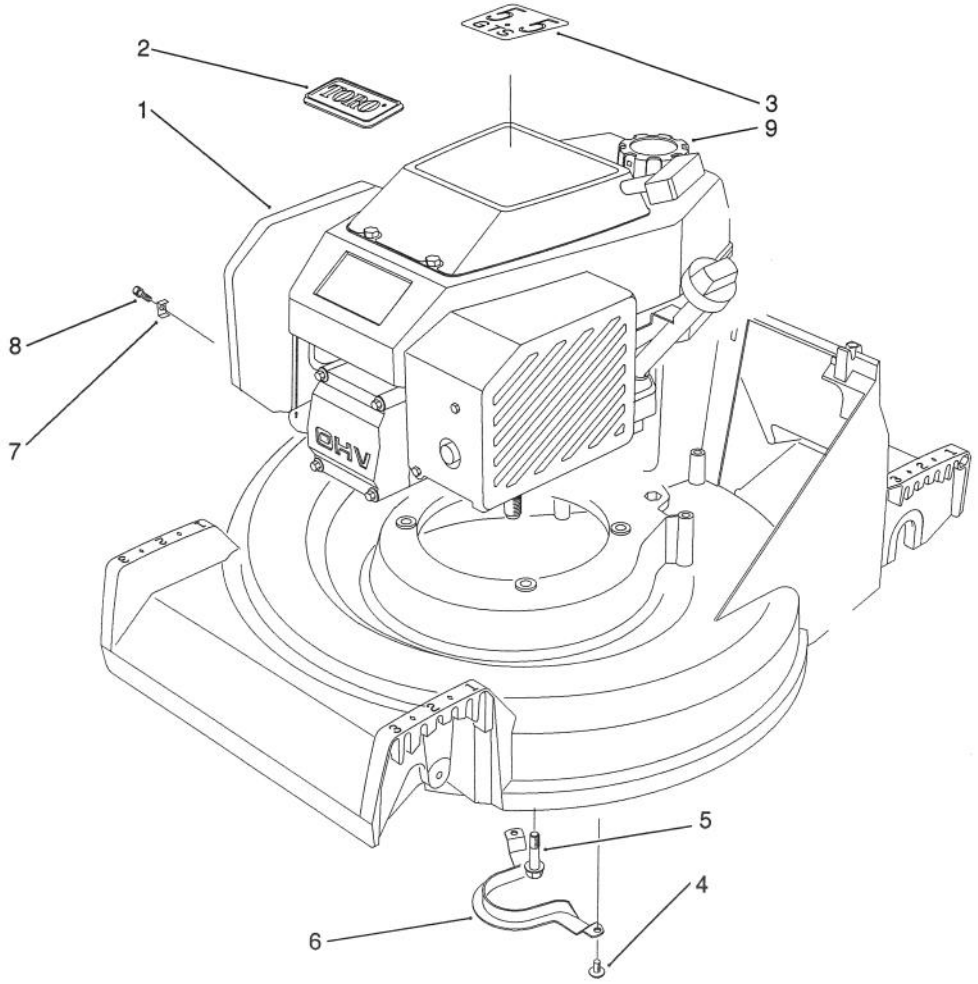


C-0721

HOUSING ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
33	40-1940	Washer - Wheel Bolt	4
34	3296-6	Nut - Lock	4
35	66-0540	Spring Arm - Front	2
36	65-5220	Screw - Thr'd Forming	2
37	25-7740	Knob - Arm	1

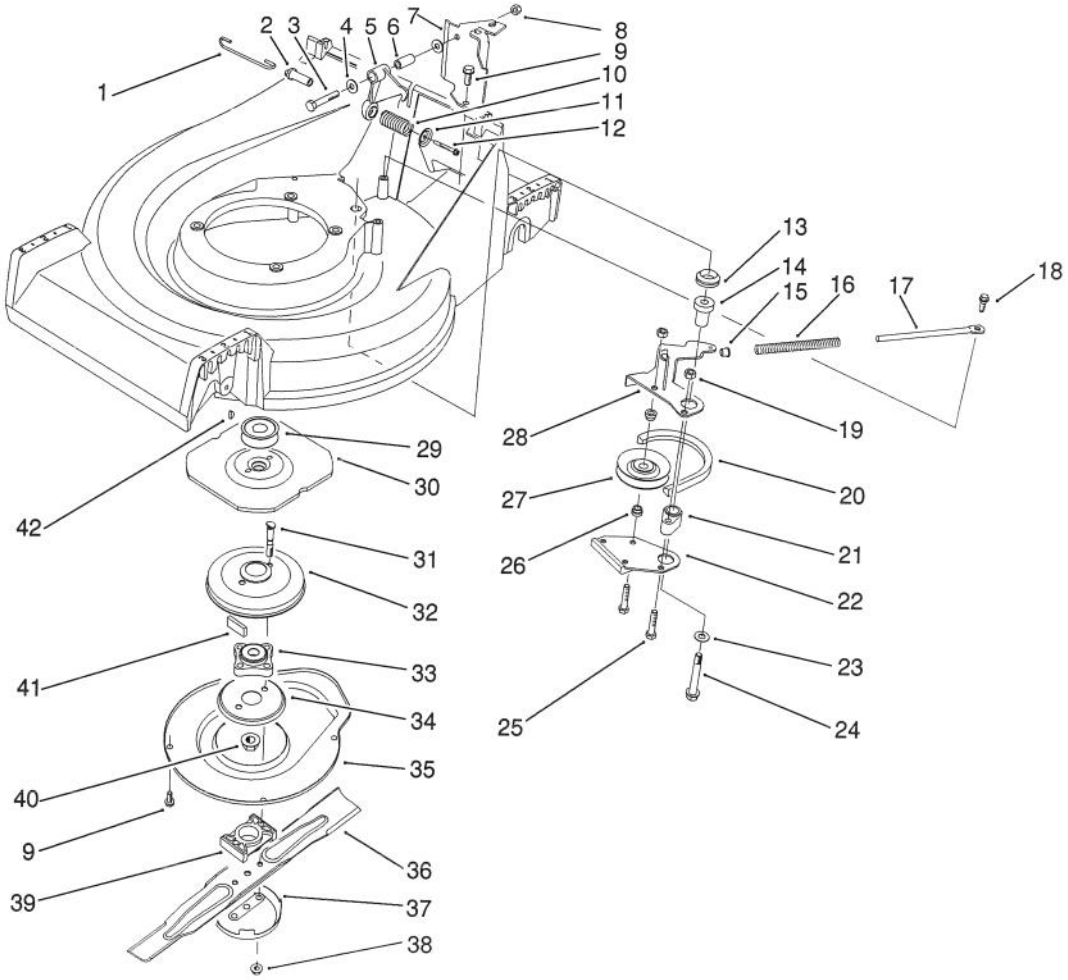
Ref. No.	Part No.	Description	No. Used
38	65-5010	Ramp - Discharge	1
39	66-0480	Decal - Deck	1
40	13-6639	Housing - Deck (Incl. Ref. #2, 24, & 25)	1
41	71-8680	Decal - BBC Adjustment	1



C-0722

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77-8990	Engine (Incl. Ref. #2 & 3)	1
2	76-4710	Plate - Toro Logo	1
3	80-4800	Decal - Recoil	1
4	32144-70	Screw - Hex Washer Hd.	2
5	32144-102	Screw - Thr'd Forming	3
6	66-0570	Guide - Belt	1
7	2210-249	Clamp - Casing	1
8	2210-313	Screw - Clamp	1
9	55-3570	Gas Cap Ass'y	1

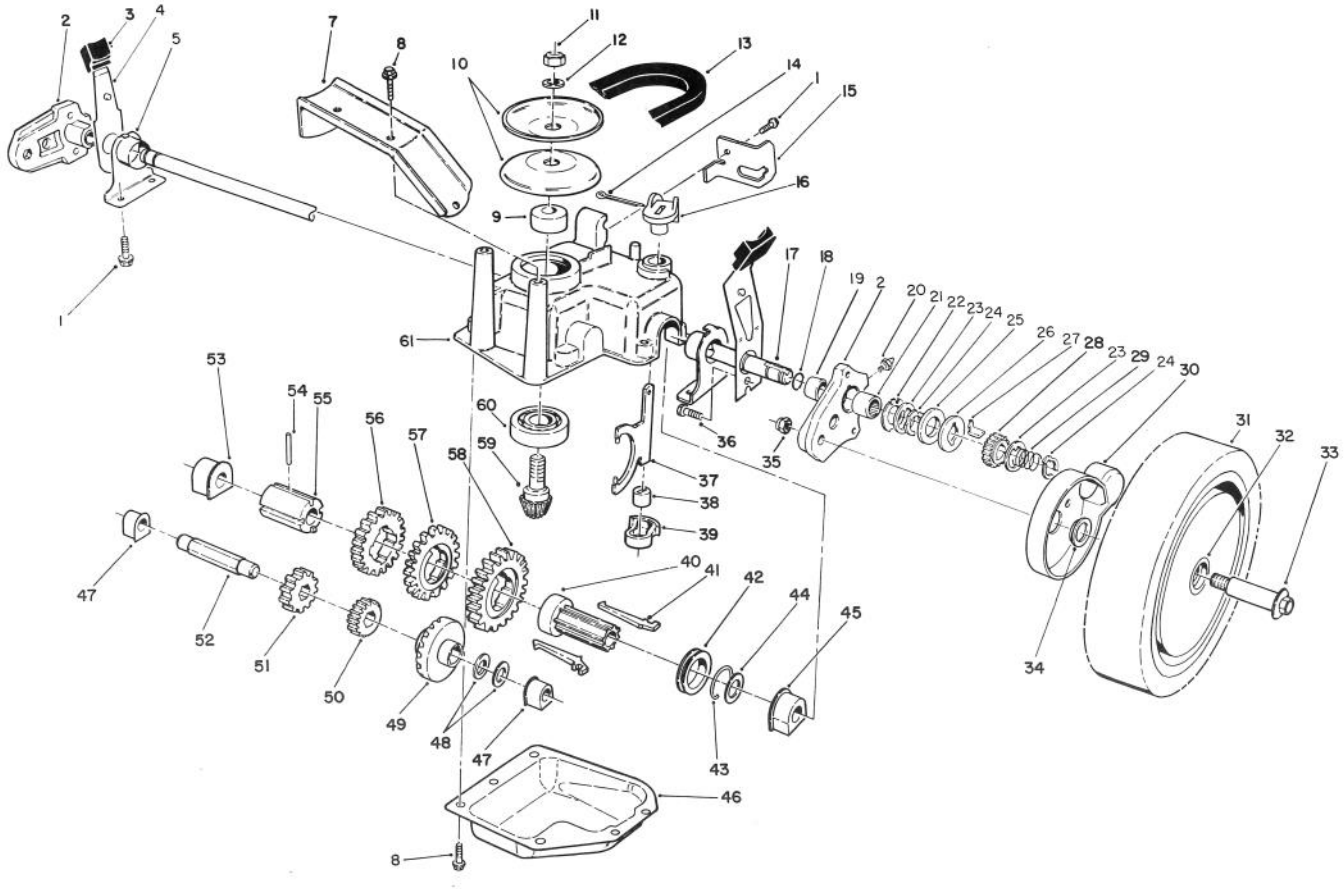


C-0723

BLADE BRAKE CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-3650	Link - Control	1
2	71-3660	Pin - Insert	1
3	322-21	Screw - Hex Hd. Cap	1
4	3256-23	Washer - Flat	2
5	65-5700	Crank	1
6	65-5690	Bushing - Bellcrank	1
7	66-0030	Bracket - Cable Support	1
8	32128-44	Nut - Flange Lock	1
9	32144-70	Screw - Hex Hd. Cap	5
10	71-3630	Spring - Compression	1
11	65-5280	Retainer - Spring	1
12	46-7040	Screw - Hex Washer Hd.	1
13	253-151	Seal - V-Ring	1
14	65-5720	Bushing - P.M.	1
15	66-0350	Bushing - Flange	1
16	71-3640	Spring - Compression	1
17	65-5320	Rod - Brake Spring	1
18	65-5670	Screw - Shoulder	1
19	3296-42	Nut - Lock	2
20	65-5740	V-Belt	1
21	65-5070	Hub - Brake Plate	1

Ref. No.	Part No.	Description	No. Used
22	65-5780	Shoe - Brake	1
23	65-5380	Washer - Flat	1
24	11-0580	Screw - Thr'd Forming	1
25	321-13	Screw - Hex Hd. Cap	2
26	65-5130	Hub - Idler Pulley	2
27	46-5650	Pulley - Idler	1
28	66-0090	Lever - Brake	1
29	62-7560	Pulley - S.P.	1
30	65-5300	Flywheel - BBC	1
31	42-3190	Screw - Special BBC	2
32	62-3890	Drum - Brake	1
33	42-6890	Hub - BBC	1
34	65-5330	Screen - BBC	1
35	65-5200	Shield - BBC	1
36	62-7700	Blade - 21"	1
37	80-2770	Cup - Anti-Scalp	1
38	54-9190	Nut - Flange Lock	2
39	62-4280	Spacer - Blade	1
40	3296.33	Nut - Lock	1
41	52-3480	Dampener - Vibration	2
42	3257-17	Key - Hypro	1

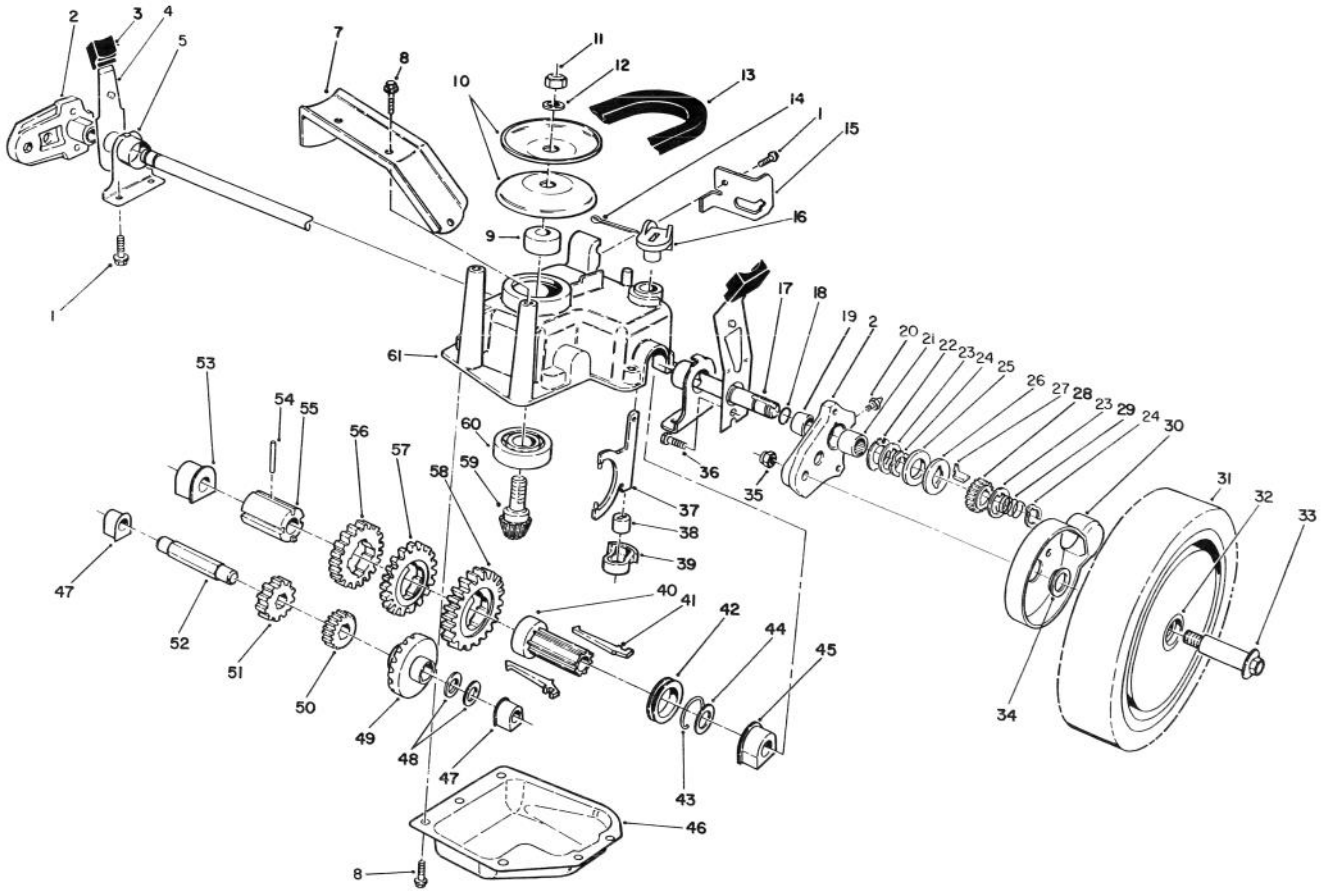


C-0549

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144-70	Screw - Hex. Washer Hd.	5
2	65-5042	Pivot Arm Assembly (Incl. Ref. #19-21)	2
3	25-7740	Knob - Arm	2
4	65-5440	Spring Arm Assembly	2
5	66-0360	Cap - End	2
7	65-5190	Bracket - Belt Guide	1
8	49-2040	Screw - Self Tapping	8
9	62-6660	Spacer	1
10	60-8840	Pulley - Half	2
11	3296-5	Nut - Lock	1
12	3256-24	Washer - Flat	1
13	66-0210	V-Belt	1
14	3272-5	Pin - Cotter	1
15	76-2930	Retainer - Cable	1
16	76-0920	Lever - Shift	1
17	65-4770	Shaft - Output	1
18	237-153	Seal - O-Ring	2
19	70-9760	Bushing - Sleeve	2
20	302-56	Fitting - Grease	2
21	48-2060	Bearing -Needle	2
22	65-4730	Washer - Thrust (Inner)	2
23	65-4740	Washer - Thrust (Keyed)	4

Ref. No.	Part No.	Description	No. Used
24	65-2720	Ring - Retaining	4
25	65-4710	Ring - Friction	2
26	65-4760	Washer -Clutch	2
27	66-6050	Key - Rocking (L.H.)	1
*	66-6040	Key - Rocking (R.H.)	1
28	65-4750	Pinion	2
29	65-4720	Spring - Compression	2
30	74-1660	Cover - Wheel	2
31	11-9519	Wheel Tire & Gear Assy. (Incl. Ref. #32)	2
32	27-6250	Bushing - Wheel	4
33	27-6231	Bolt - Wheel	2
34	74-1671	Spacer - Wheel Cover	2
35	3296-6	Nut - Lock	2
36	65-5220	Screw - Cap Socket Hd.	2
37	60-8870	Yoke - Shift	1
38	29-9570	Bushing - Yoke	1
39	60-8810	Retainer - Shift Fork	1
40	76-0780	Sleeve - Shift Key	1
41	76-0760	Key - Shift	2
42	76-0770	Collar - Shift	1
43	65-5250	Clip - Spring	1
44	36-4780	Washer - Thrust	1



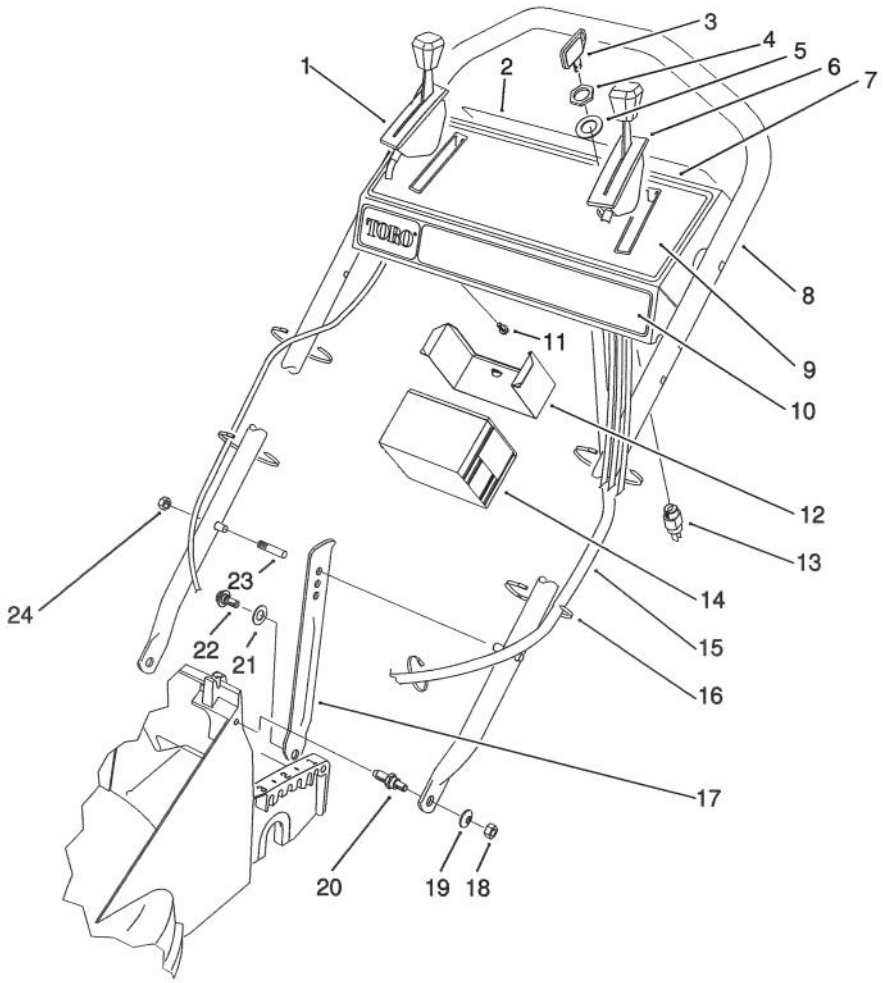
C-0549

GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	60-8770	Bushing - Output Shaft	1
46	60-8730	Cover - Gear Case	1
47	60-8750	Bushing - Intrmdt. Shaft	2
48	36-4791	Washer - Thrust	2
49	55-3760	Gear - Pinion 15T	1
50	55-3780	Gear - Pinion 20T	1
51	55-3800	Gear - Pinion 25T	1
52	60-8800	Shaft - Intermediate	1
53	60-8850	Bushing - Output Shaft	1

Ref. No.	Part No.	Description	No. Used
54	32121-120	Pin - Coil	1
55	60-8790	Sleeve - Gear	1
56	55-3810	Gear - 39T (3rd Gear)	1
57	55-3790	Gear - 44T (2nd Gear)	1
58	55-3770	Gear - 49T (1st Gear)	1
59	60-8890	Pinion - Bevel	1
60	38-7820	Bearing - Ball	1
61	60-8710	Case - Gear (Upper)	1
*	62-6673	Gear Case Assy Complete	1

*Not Illustrated

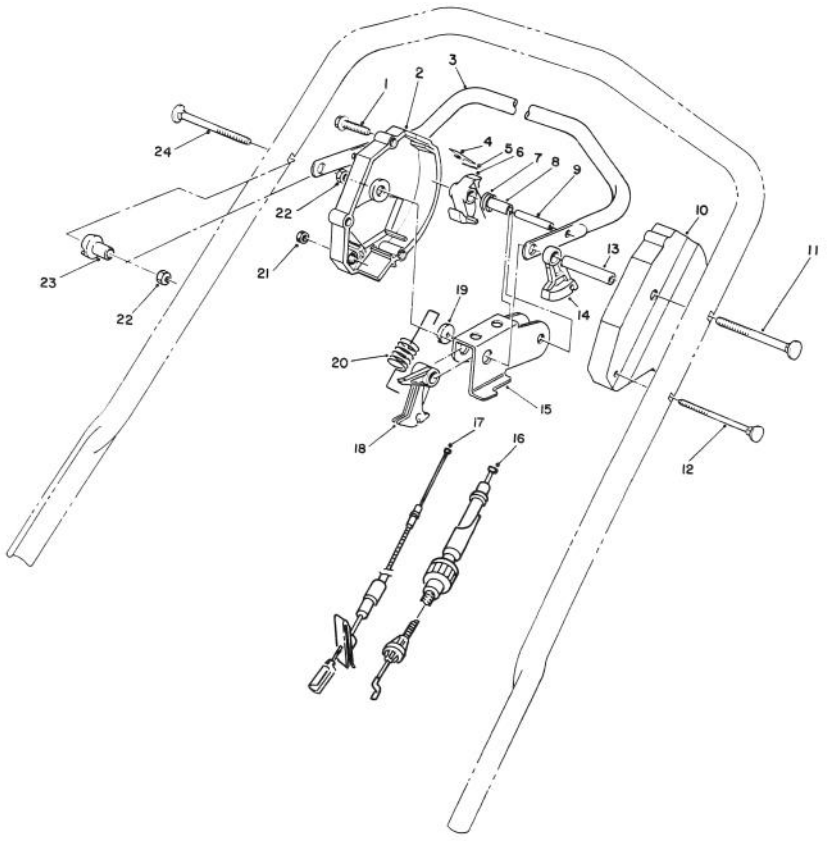


C–0725

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76–2710	Control – Ground Speed	1
2	63–9060	Decal – Danger	1
3	63–8360	Key – Ignition	1
4	218–461	Nut – Hex	1
5	3254–5	Washer – Lock	1
6	66–0236	Control – Throttle	1
7	13–2229	Panel – Control (Incl. Ref. #9)	1
8	66–0320	Handle	1
9	63–9040	Decal – Instruction	1
10	65–5650	Decal – Key Electric	1
11	32104–76	Screw – Slotted Hd.	4
12	55–8180	Retainer – Battery	1
13	46–5780	Switch – Starter (Incl. Ref #4 & 5)	1
14	55–7520	Battery Assembly	1
15	80–4791	Wire Harness	1
16	3290–378	Tie – Cable	5
17	65–5730	Latch – Handle	2
18	3296–29	Nut – Lock	2
19	3256–23	Washer – Flat	2
20	66–0450	Screw – Shoulder Stud	2
21	256–313	Washer – Nylon	2
22	5–2490	Bolt – Shoulder	2
†23	49–2750	Pin – Handle	2
24	3296–47	Nut – Lock	2
*	6–9780	Charger – Battery	1

†Service Replacement Part
*Not Illustrated

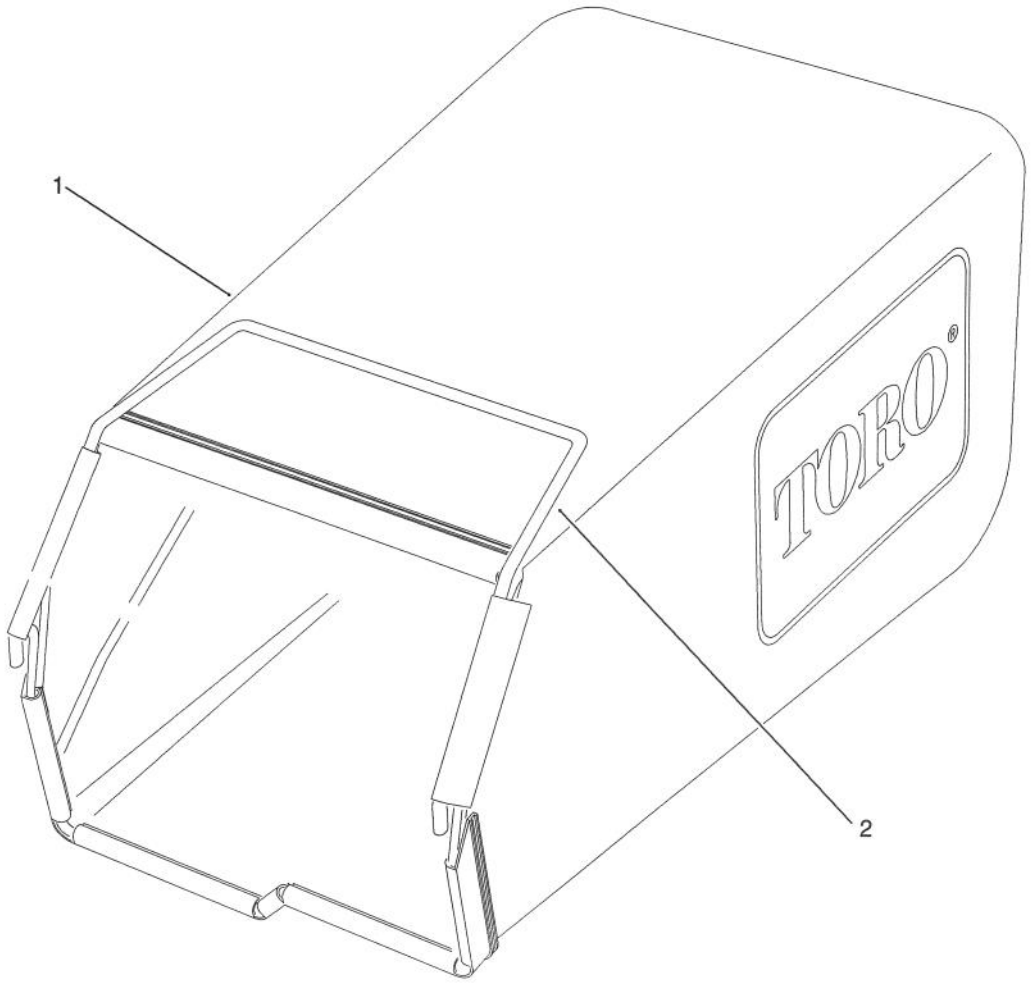


C-0153

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-7040	Screw - Hex. Washer Hd.	3
2	66-0160	Housing - Control R.H.	1
3	52-7430	Control Bar Assembly	1
4	52-7410	Spring - Leaf	1
5	57-6290	Pin - Insert	1
6	46-5530	Hook - Control	1
7	46-5510	Spring - Torsion	1
8	46-5550	Bushing - Sleeve	1
9	32121-9	Pin - Coil	1
10	46-5460	Housing - Control (L.H.)	1
11	17-9425	Screw - Handle	1
12	46-6431	Screw - Handle	1

Ref. No.	Part No.	Description	No. Used
13	46-5590	Spacer	1
14	46-5520	Lever - Traction	1
15	66-0180	Rocker	1
16	77-0210	Cable - Traction	1
17	77-0190	Cable - Clutch	1
18	46-5540	Lever - Cable	1
19	66-0170	Washer - Nylon	1
20	66-0190	Spring - Detent	1
21	3296-8	Nut - Lock	1
22	3296-58	Nut - Lock	2
23	66-0330	Support - Spacer	1
24	17-9426	Screw - Handle	1



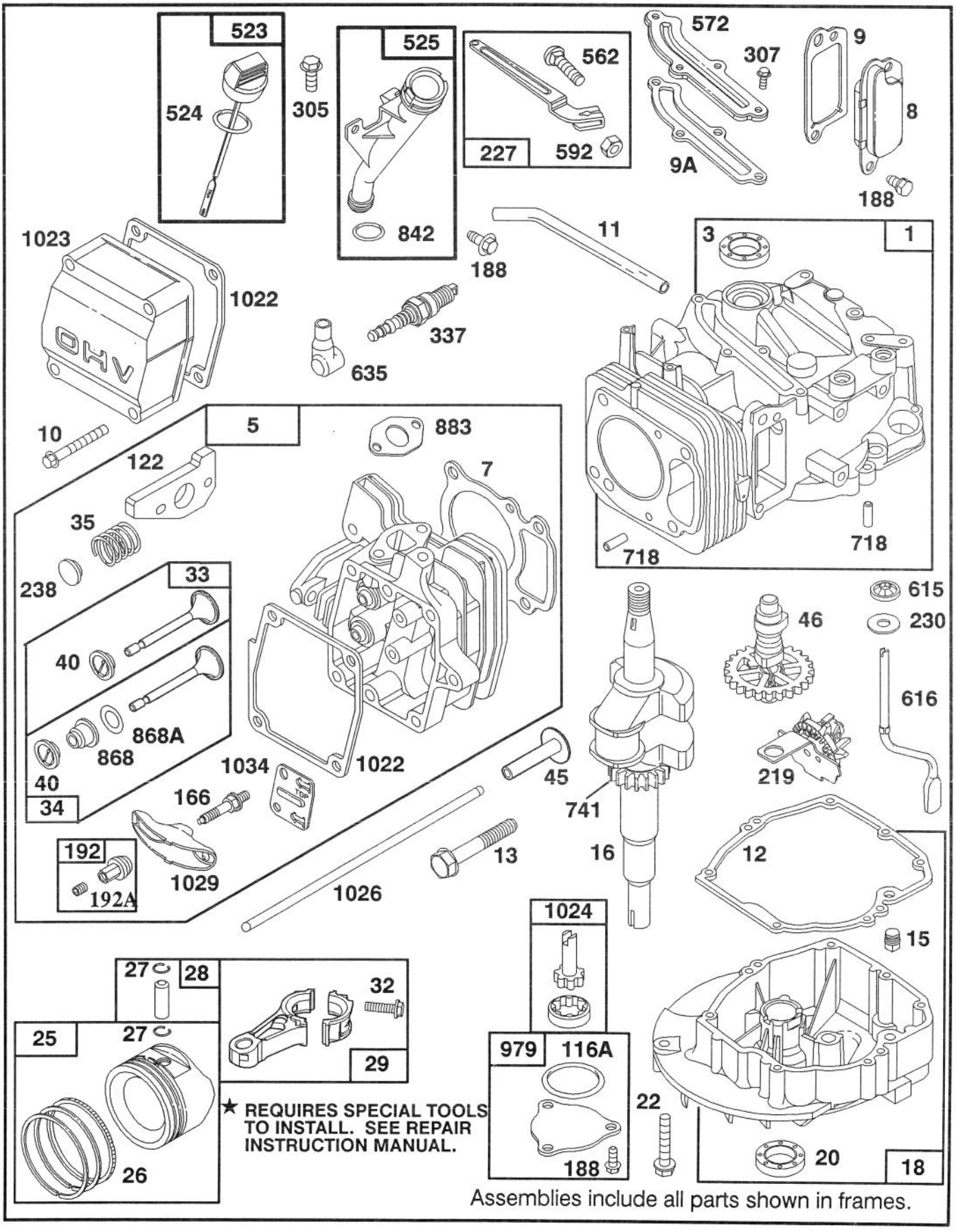
C-0724

GRASS BAG ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-0010	Bag - Grass	1
2	76-1790	Frame - Bag	1

Ref. No.	Part No.	Description	No. Used

ENGINE GTS-150 77-8990



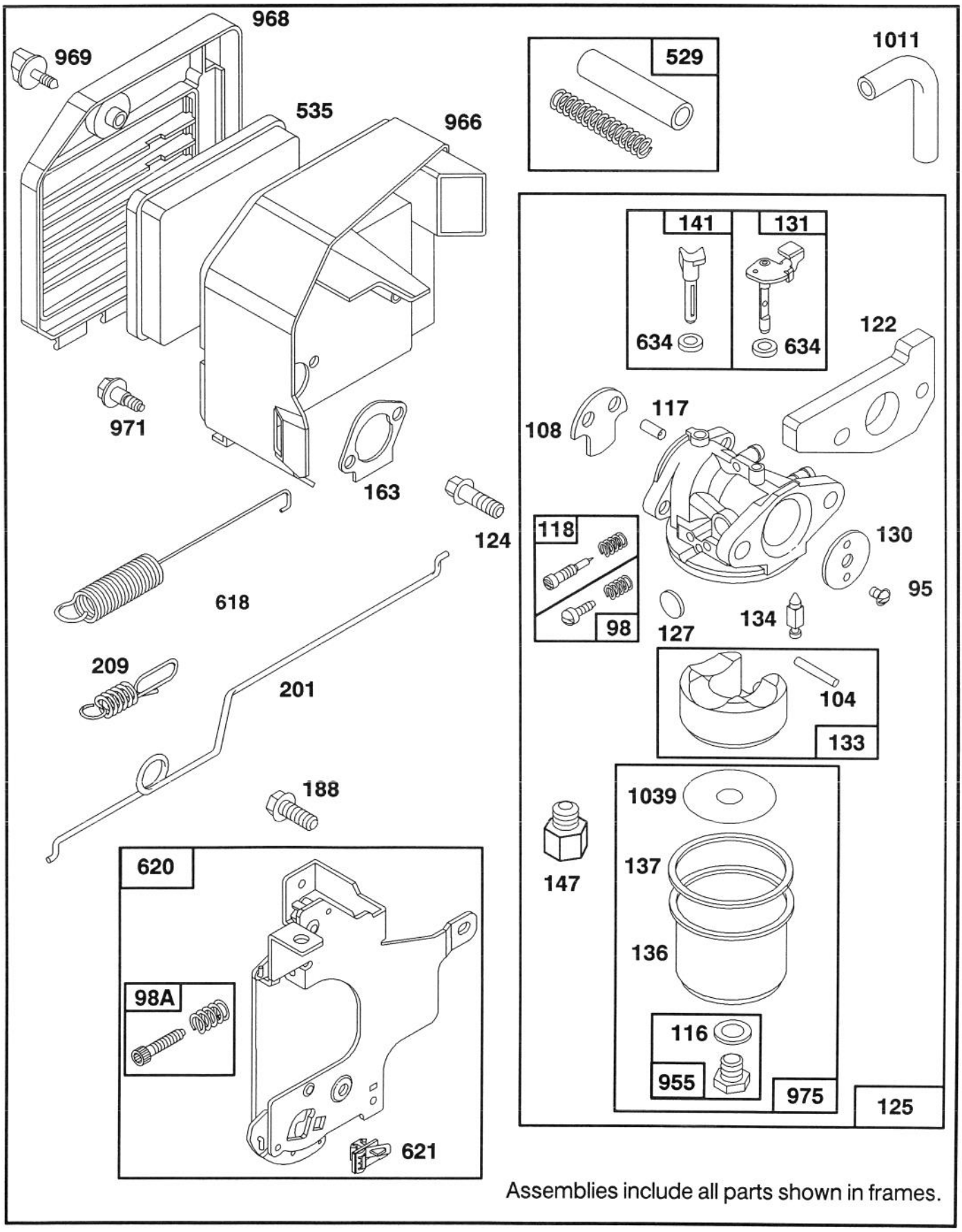
Assemblies include all parts shown in frames.

ENGINE GTS-150 77-8990

Ref. No.	Part No.	Description	No. Used
1	77-7590	Cylinder Assy.	1
*3	77-9060	Seal - Oil	1
5	77-7730	Head - Cylinder	1
*7	77-7740	Gasket - Cylinder Head	1
8	77-7430	Breather Valve	1
*9	77-7440	Gasket - Valve Cover	1
*9A	77-7410	Gasket - Breather	1
10	77-7360	Screw - Hex. Head (valve cover)	4
11	77-7350	Tube - Breather	1
*12	77-7550	Gasket - Engine Base	1
13	77-7630	Screw - Cylinder Head	4
15	77-7580	Plug - Oil Drain	1
16	77-7510	Crankshaft Note: Order Part No. 77-7540 For Timing Gear Key	1
18	77-7560	Base - Engine	1
*20	77-7570	Seal - Oil	1
22	77-9070	Screw - Engine Base Note: Order Part No.77-9080 For Hole Nearest Breather	1
25	77-7690	Piston Assy. (Std.)	1
26	77-7700	Ring Set (Std.)	1
27	77-7710	Lock - Piston Pin	2
28	77-7720	Pin - Piston (STD)	1
29	77-7670	Rod - Connecting	1
32	77-7680	Screw - Connecting Rod	2
33	77-7860	Valve - Exhaust	1
34	77-7880	Valve - Intake	1
35	77-7810	Spring - Valve	2
40	77-7870	Retainer - Spring	2
45	77-7610	Tappet - Valve	2
46	77-7490	Gear - Cam	1
*116A	77-7660	Seal - O Ring	1
†122	77-7820	Adapter Assy.	1
166	77-7780	Stud - Rocker Arm	2
188	77-7450	Screw - Sem (Breather Mounting, pump cover)	5
192	77-7910	Nut - Hex Special	2
192A	77-9090	Screw - Set	1
219	77-7500	Gear - Governor	1
227	77-7370	Lever - Governor	1
230	77-7470	Washer - Thrust	1
238	77-7800	Cap - Valve	2
305	77-8310	Screw - Hex. Head	2
307	77-7420	Screw - Sem (Breather Cover)	4
337	77-7330	Plug - Spark	1
523	77-7260	Dipstick - Oil	1
*524	77-7270	Seal - Intake Elbow	1
525	77-7290	Tube - Oil Filler	1
562	77-7380	Bolt - Governor Lever	1
572	77-7400	Baffle - Cylinder	1
592	77-7390	Nut - Hex.	1
615	77-7480	Fastener	1
616	77-7460	Crank - Governor	1
635	77-7340	Elbow - Spark Plug	1
718	77-7600	Dowel - Sleeve	2
741	77-7530	Gear - Timing	1
*842	77-7300	Seal - O Ring	1
*868	77-7890	Seal Assy. - Valve	1
*868A	77-7900	Gasket - Valve	1
*883	77-7760	Gasket - Exhaust	1
979	77-7650	Cover - Oil Pump	1
*1022	77-7320	Gasket - Rocker Cover	1
1023	77-7060	Cover - Valve	1
1024	77-7640	Pump - Oil	1
1026	77-7620	Rod - Push	2
1029	77-7790	Arm - VLV Rocker	2
1034	77-7770	Guide - Push Rod	1

*Included in Gasket Set
†Included in Carburetor Overhaul Kit

ENGINE GTS-150 77-8990



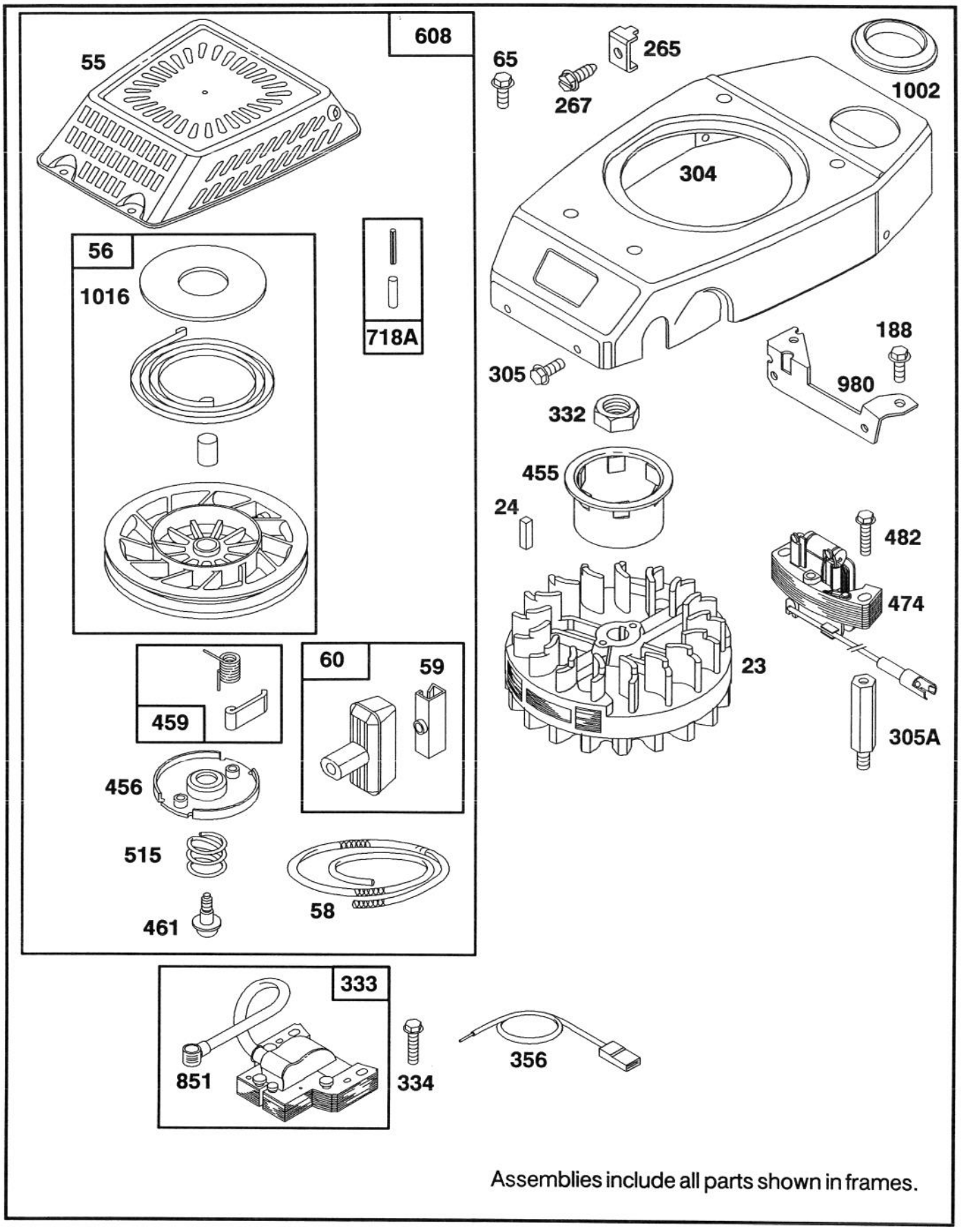
Assemblies include all parts shown in frames.

ENGINE GTS-150 77-8990

Ref. No.	Part No.	Description	No. Used
95	77-8090	Screw - Round Head	1
98	77-8240	Screw - Idle Adj.	1
98A	77-8020	Screw Assy - Speed Adj.	1
†104	77-8180	Pin - Float Hinge	1
108	77-8070	Valve - Choke	1
†116	77-8210	Washer - Fuel Bowl	1
†117	77-8060	Jet - Needle Valve	1
†118	77-8230	Valve & Kit - Needle	1
†122	77-7820	Adapter Assy.	1
124	77-7970	Screw - Hex Head (Carburetor Mounting)	2
125	77-8050	Carburetor Assy.	1
†127	77-8100	Plug - Welch	1
130	77-8080	Valve - Throttle	1
131	77-8160	Shaft - Throttle	1
133	77-8170	Float - Carburetor	1
†134	77-8110	Valve - Float (Includes Seat)	1
136	77-7240	Bowl - Fuel	1
†137	77-8200	Gasket - Fuel Bowl	1
141	77-8130	Shaft - Choke	1
147	77-8120	Adapter - Jet Note: For High Altitude Jet, Order Part No. 77-9000	1
*163	77-7960	Gasket - Air Cleaner	1
188	77-7450	Screw - Hex. Head (connecting bracket)	2
201	77-7980	Link - Governor	1
209	77-7990	Spring - Governor	1
529	77-8030	Tube - Breather	1
535	77-7950	Element - Filter Note: 77-9010 - Element Paper (Optional)	1
618	77-8140	Spring - Return	1
620	77-8000	Bracket - Carburetor	1
621	77-8010	Switch - Stop	1
†634	77-8150	Washer - Seal	2
955	77-8220	Screw - Hex. Head	1
966	77-7940	Base Air Cleaner	1
968	77-7040	Cover - Air Cover	1
969	77-7920	Screw - Air Cleaner	1
971	77-7930	Screw - Air Cleaner	3
975	77-8190	Bowl Assy. - Carburetor	1
1011	77-8040	Tube - Vent	1
†1039	77-7250	Limiter - Float	1

*Included in Gasket Set
†Included in Carburetor Overhaul Kit

ENGINE GTS-150 77-8990



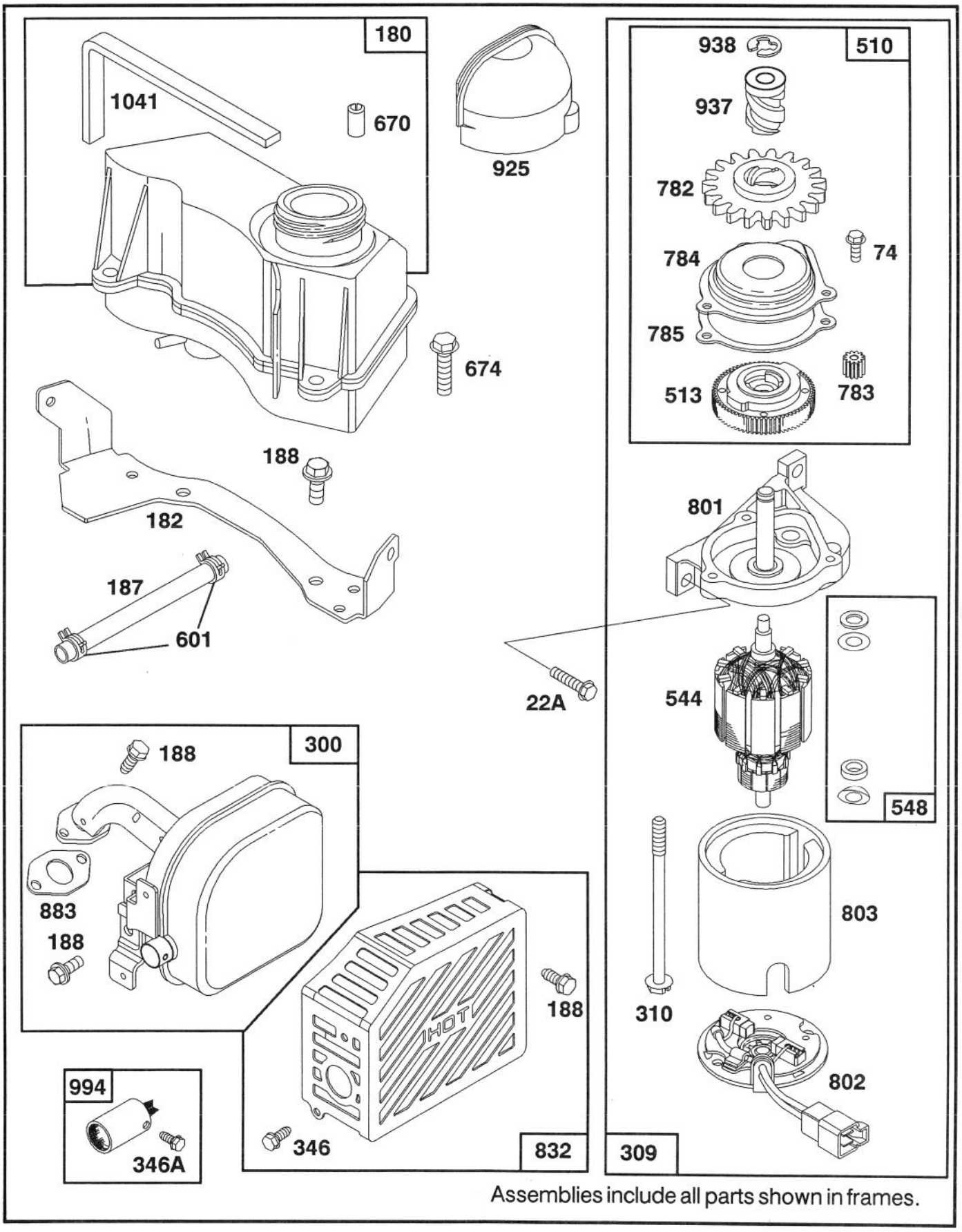
Assemblies include all parts shown in frames.

ENGINE GTS-150 77-8990

Ref. No.	Part No.	Description	No. Used
23	77-8320	Flywheel - Magneto	1
24	77-8340	Key - Flywheel	1
55	77-8460	Housing - Rewind Starter	1
56	77-8560	Pulley - Rewind Starter	1
58	77-8480	Spool - Starter Rope (Cut To Suit)	1
59	77-7210	Insert - Starter Grip	1
60	77-8510	Grip - Starter Rope	1
65	77-8300	Screw - Hex. Head	4
188	77-7450	Screw - Hex. Head (Blower bracket)	2
265	77-8280	Clamp - Casing	1
267	77-8290	Screw - Hex Head	1
304	77-8250	Housing - Blower	1
305	77-8310	Screw - Hex. Head (Blower Housing)	4
305A	77-8390	Stud - Mtg.	2

Ref. No.	Part No.	Description	No. Used
332	77-8360	Nut - Hexagon	1
333	77-8420	Armature - Magneto	1
334	77-8440	Screw - Sem	2
356	77-8400	Wire - Ground	1
455	77-8350	Cup - Starter	1
456	77-8470	Retainer - Spring	1
459	77-8530	Pawl & spring - Ratchet	2
461	77-8490	Screw - Rewind Starter	1
474	77-8370	Alternator	1
482	77-8380	Screw - Sem	2
515	77-8500	Spring - Retainer	1
608	77-8450	Starter Assy. - Rewind	1
718A	77-8550	Dowel - Sleeve	1
851	77-8430	Terminal - Spark Plug	1
980	77-7140	Bracket - Blower Housing	1
1002	77-7180	Grommet	1
1016	77-8570	Cover - Pulley	1

ENGINE GTS-150 77-8990



Assemblies include all parts shown in frames.

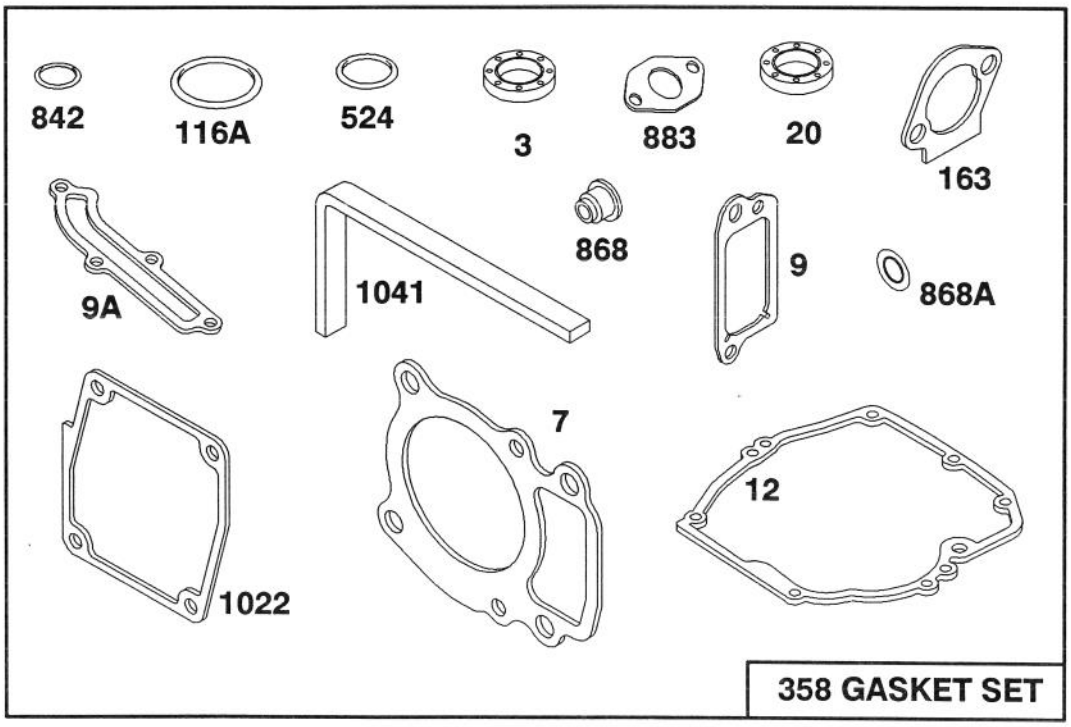
ENGINE GTS-150 77-8990

Ref. No.	Part No.	Description	No. Used
22A	77-8720	Screw - Carb. Mtg.	2
74	77-8800	Screw - Sem	3
180	77-8580	Tank Assy. - Fuel	1
182	77-7170	Bracket - Fuel Tank	1
187	77-8620	Hose - Fuel (Cut To Suit)	1
188	77-7450	Screw - Hex. Head (Muffler guard, muffler manifold to head, connecting bracket, Tk bracket)	7
300	77-8640	Muffler - Exhaust	1
309	77-8670	Motor Starter	1
310	77-8710	Bolt - Thru	2
346	77-8650	Screw - Self Tap (Muffler Guard)	2
346A	77-9050	Screw - Arrester Mtg.	1
510	77-8910	Drive - Starter	1
513	77-8770	Clutch - Starter	1

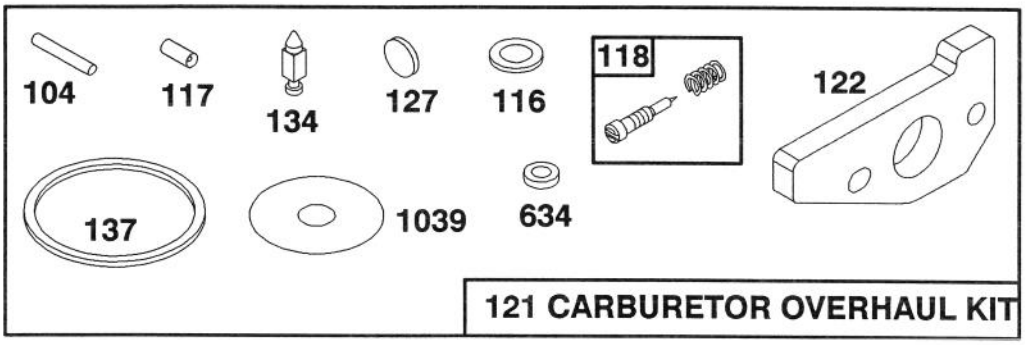
Ref. No.	Part No.	Description	No. Used
544	77-8730	Armature Starter	1
548	77-8740	Washer - Starter	1
601	77-8630	Clamp - CL Pipe	2
670	77-9030	Spacer - Fuel Tank (Incl. 2)	1
674	77-8600	Screw - Tank Mtg.	2
782	77-8810	Gear - Starter	1
783	77-8760	Gear - Pinion	1
784	77-8780	Cover - Gear	1
785	77-8790	Gasket - Gear Cover	1
801	77-8680	Cap - Drive	1
802	77-8690	Cap - End	1
803	77-8700	Housing - Starter	1
832	77-8660	Guard - Muffler	1
*883	77-7760	Gasket - Exhaust	1
925	77-7200	Cover - Starter	1
937	77-8820	Drive - Starter	1
938	77-8830	Retainer - Lock	1
994	77-9040	Arrester - Spark	1
*1041	77-8590	Seal - Foam	1

*Included in Gasket Set

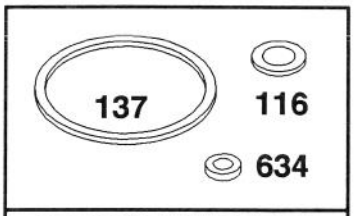
ENGINE GTS-150 77-8990



358 GASKET SET



121 CARBURETOR OVERHAUL KIT



977 CARBURETOR GASKET SET

Assemblies include all parts shown in frames.

ENGINE GTS-150 77-8990

Ref. No.	Part No.	Description	No. Used
3	77-9060	Seal - Oil	1
7	77-7740	Gasket - Cylinder Head	1
9	77-7440	Gasket - Valve Cover	1
9A	77-7410	Gasket - Breather	1
12	77-7550	Gasket - Engine Base	1
20	77-7570	Seal - Oil	1
104	77-8180	Pin - Float Hinge	1
116	77-8210	Washer - Fuel Bowl	1
116A	77-7660	Seal - O Ring	1
117	77-8060	Jet - Needle Valve	1
118	77-8230	Valve & Kit - Needle	1
121	77-8920	Overhaul Kit - Carburetor	1
122	77-7820	Adapter Assy.	1
127	77-8100	Plug - Welch	1
134	77-8110	Valve - Float (Includes Seat)	1

Ref. No.	Part No.	Description	No. Used
137	77-8200	Gasket - Fuel Bowl	1
163	77-7960	Gasket - Air Cleaner	1
358	77-8900	Gasket Set	1
524	77-7270	Seal - Intake Elbow	1
634	77-8150	Washer - Seal	2
842	77-7300	Seal - O Ring	1
868	77-7890	Seal Assy. - Valve	1
868A	77-7900	Gasket - Valve	1
883	77-7760	Gasket - Exhaust	1
977	77-8930	Gasket Set - Carburetor	1
1022	77-7320	Gasket - Rocker Cover	1
1039	77-7250	Limiter - Float	1
1041	77-8590	Seal - Foam	1
	77-9020	Short Block	1
	77-8990	GTS150 Key/BBC Engine	1
	77-9000	High Altitude Jet	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 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.

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

Date								

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

AL-910593

Litho in U.S.A.