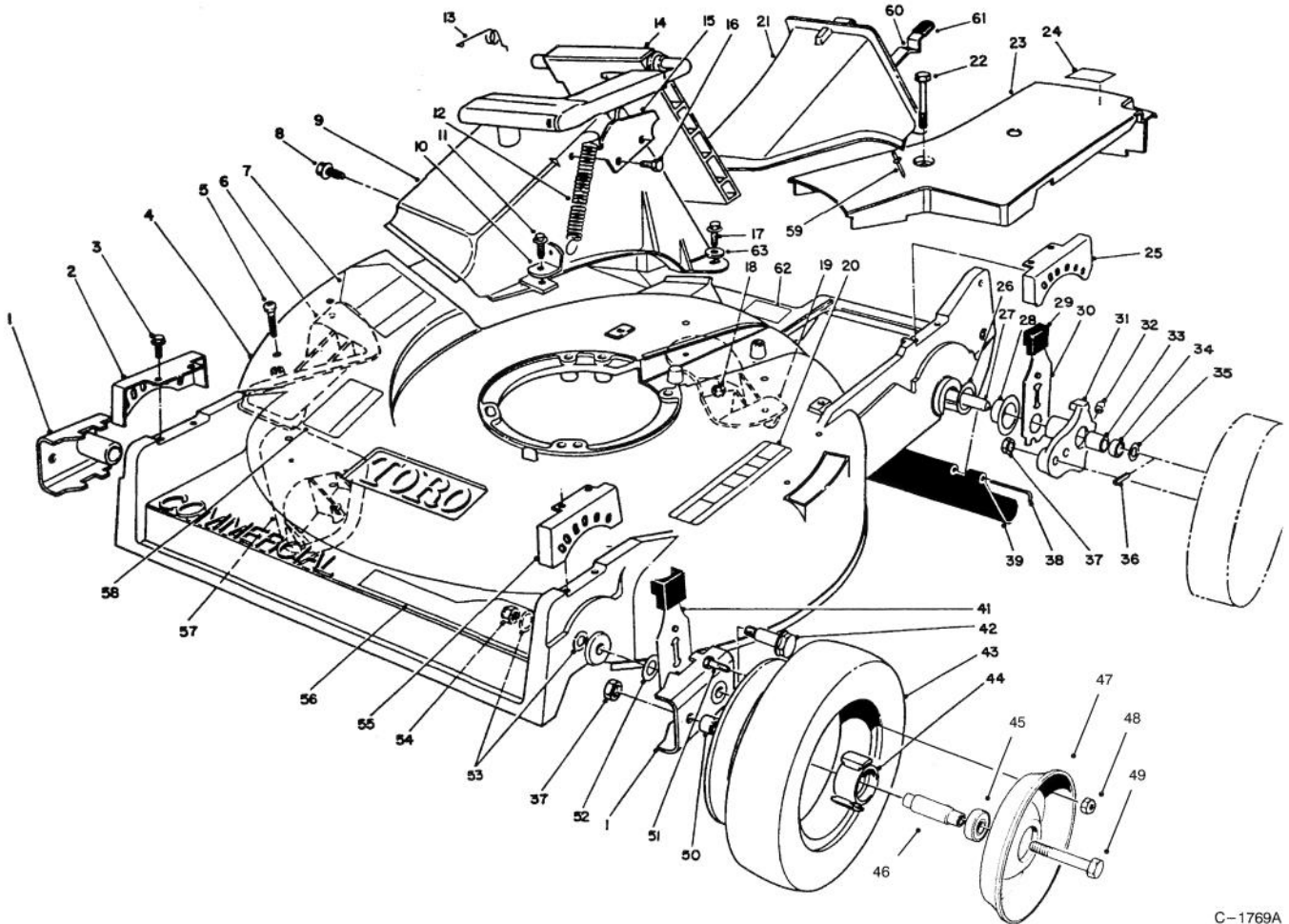




MODEL NO. 22145-590001 & UP

PARTS CATALOG

PROLINE 21"
Recycler® Mower



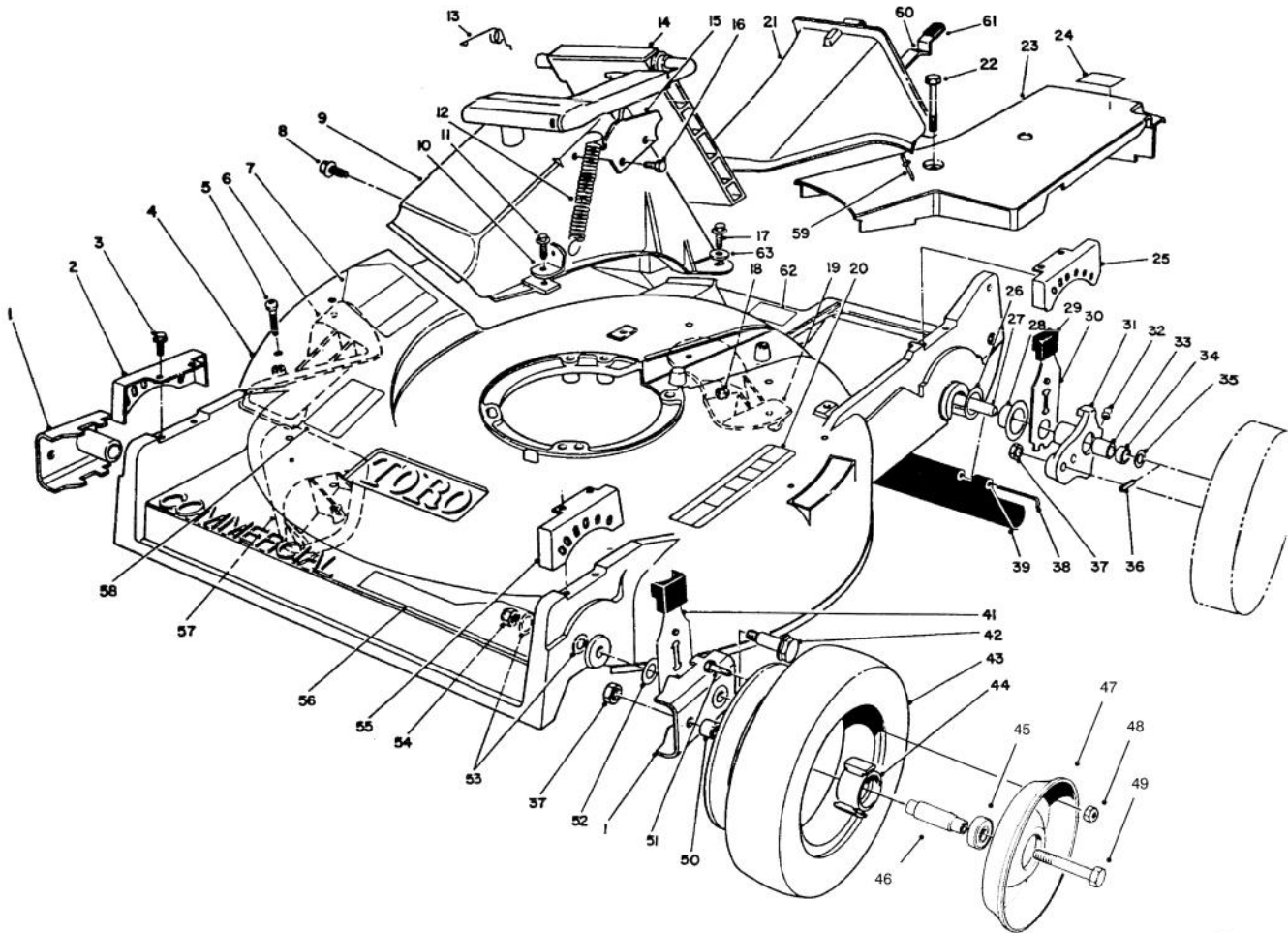
C-1769A

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	8
4	14-9499	Housing (Incl. Ref. # 5-7, 19, 20, 57, 58 & 62)	1
5	32144-111	Screw - Pan Hd.	6
6	92-1730	Plate - Kicker	1
7	39-5770	Decal - Danger	1
8	46-6810	Screw - Thread Forming	1
9	82-9150	Chute - Discharge	1
10	71-9350	Bracket - Spring	1
11	46-6811	Screw - Hex Washer Hd. Thread Forming	1
12	76-4660	Spring	1
13	80-3770	Retainer - Door	1

Ref. No.	Part No.	Description	No. Used
14	77-0200	Door Assembly	1
15	76-4570	Plate - Latch	1
16	46-8090	Screw - Hex Washer Hd. Self Tapping	2
17	321-7	Screw - Hex. Hd.	2
18	3296-42	Nut - Lock	2
19	92-1750	Plate - Kicker	1
20	71-1280	Decal - Safety Instructions	1
21	77-0500	Plug Assembly	1
22	37-7260	Screw - Special	2
23	86-5232	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	74-1810	Washer - Thrust	2

*Not Illustrated



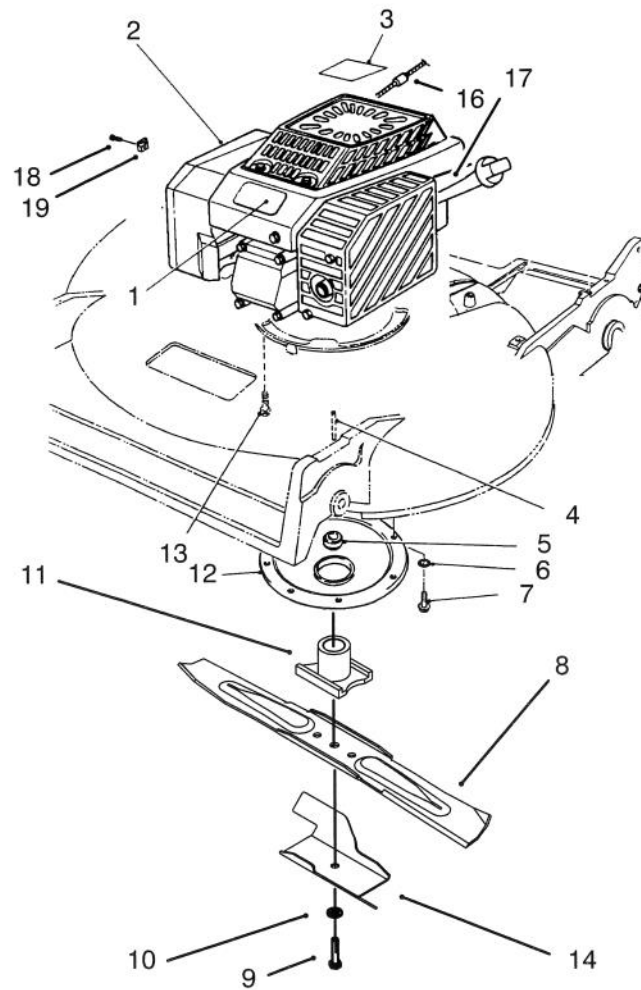
C-1769A

HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
27	49-8790	Shaft - Axle Rear	1
28	48-2170	Cap - End	2
29	25-7740	Knob - Arm	4
30	66-7561	Spring Arm Ass'y - Rear	2
31	42-3510	Arm - Pivot (Incl. Ref. #32-34)	2
32	302-56	Fitting - Grease	2
33	47-2900	Bushing	2
34	47-2890	Bushing	2
35	36-4780	Washer - Thrust	2
36	32121-108	Pin - Roll	2
37	32152-2	Nut - Lock	4
38	33-3208	Rod - Shield	1
39	44-0580	Shield - Rear Safety	1
41	66-7560	Spring Arm Ass'y - Front	2
42	27-6232	Screw - Pivot	2
43	53-7740	Tire	4
44	52-2410	Hub	4
45	52-2450	Bearing - Wheel	8
46	52-2440	Spacer - Bearing	4

Ref. No.	Part No.	Description	No. Used
47	53-7780	Plate - Wheel Half	8
48	3296-42	Nut - Lock	16
49	323-12	Screw - Hex. Hd.	4
50	52-2480	Spacer - Wheel	4
51	321-2	Screw - Hex. Hd.	16
52	257-3	Washer - Pivot	2
53	40-1940	Washer - Hardened	4
54	3296-6	Nut - Lock	2
55	49-8760	Quadrant - Front L.H.	1
56	92-1796	Decal - Recycler	1
57	92-1720	Plate - Kicker	1
58	71-9370	Decal - Danger	1
59	3295-35	Rivet	1
60	76-4640	Plate - Latch	1
61	76-4650	Grip - Latch	1
62	92-1779	Decal - Warning	1
63	3256-22	Washer - Flat	2
*	53-7720	Wheel & Tire Assembly (Incl. Ref. #43-48, & 51)	4

*Not Illustrated

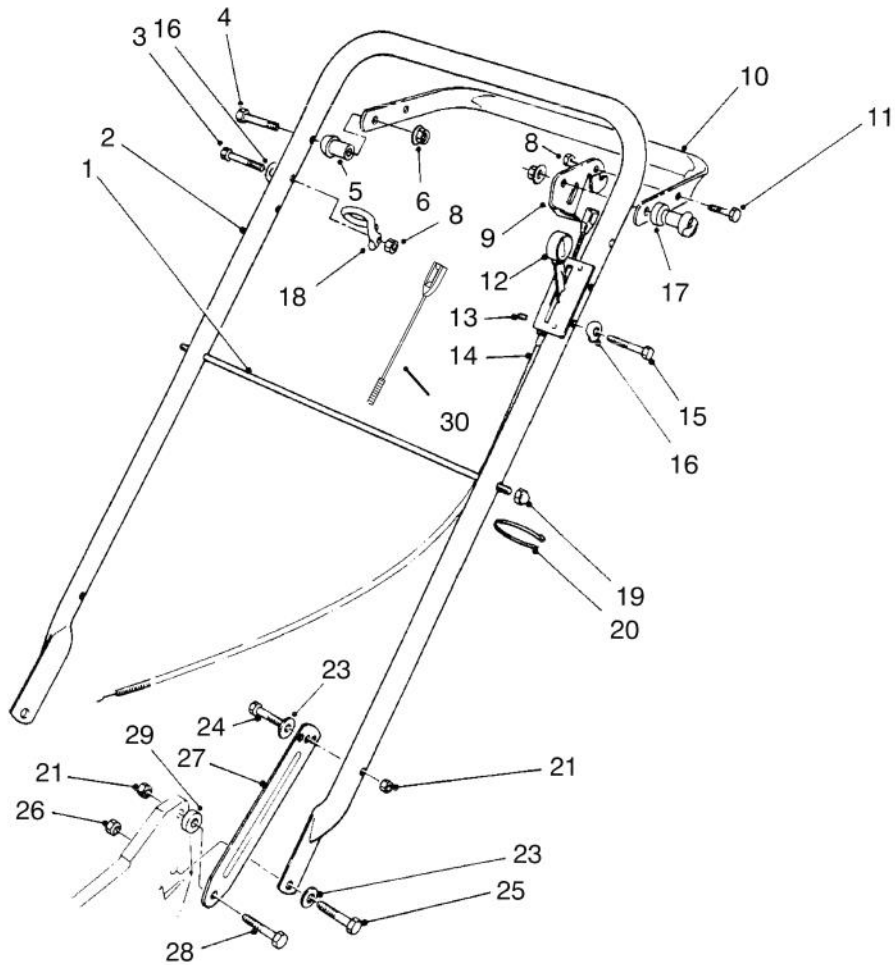


C-2341

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	84-4960	Decal - Pro Line	1	11	52-2170	Retainer - Blade	1
2	77-8971	Engine - Complete	1	12	48-2591	Protector - Crankshaft	1
3	71-9270	Decal - Recoil	1	13	32144-102	Screw - Hex. Flange Hd.	3
4	27-8590	Key - Square	1	14	92-1599	Stiffener - Blade	1
5	52-2190	Spacer - Retainer, Blade	1	16	2210-316	Stop - Recoil	1
6	3254-6	Washer - Internal Tooth	3	17	77-9550	Cover - Brake	1
7	32144-70	Screw - Thread Forming	3	18	86-7990	Screw - Clamp	1
8	14-9419	Blade	1	19	2210-249	Clamp - Casing	1
9	26-0670	Screw - Blade	1	*	77-9020	Short Block	1
10	3253-22	Washer - Lock	1				

*Not Illustrated



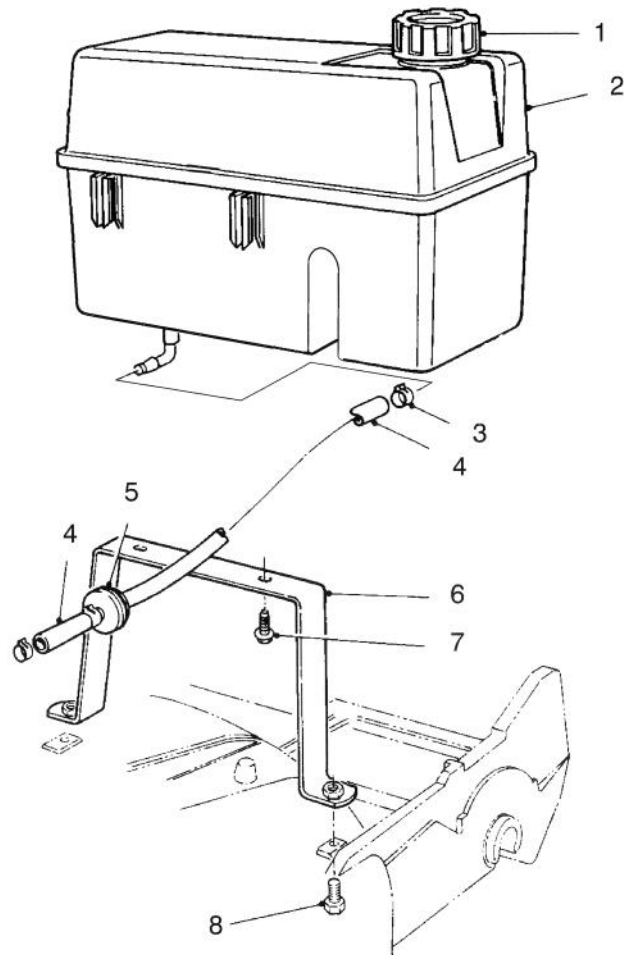
C-2342

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	48-2810	Rod - Support, Bag	1
2	92-1586	Handle Assembly	1
3	321-9	Screw - Hex. Hd.	1
4	322-10	Screw - Hex. Hd.	2
5	49-1630	Support - Spacer	2
6	3296-58	Nut - Lock	2
8	3296-42	Nut - Lock	2
9	66-5350	Lever - Control	1
10	61-8270	Bar - Control	1
11	321-4	Screw - Hex. Hd.	1
12	82-9950	Bracket - Throttle Control	1
13	32151-86	Ring - Retaining	2
14	70-1063	Cable - Throttle	1
15	321-13	Screw - Hex. Hd.	2
16	3-7501	Washer - Curved	3

Ref. No.	Part No.	Description	No. Used
17	256-276	Spacer	1
18	46-8081	Guide - Rope	1
19	32111-7	Nut - Acorn	2
20	3290-378	Tie - Cable	1
21	3296-29	Nut - Lock	4
23	3290-456	Washer	4
24	322-7	Screw - Hex. Hd.	2
25	322-6	Screw - Hex. Hd.	2
26	3296-47	Nut - Lock	2
27	84-8401	Latch - Handle R.H.	1
*	84-8361	Latch - Handle L.H.	1
28	27-7210	Screw - Shoulder	2
29	3-3287	Spacer - Handle Latch	2
30	93-3662	Cable - Brake	1

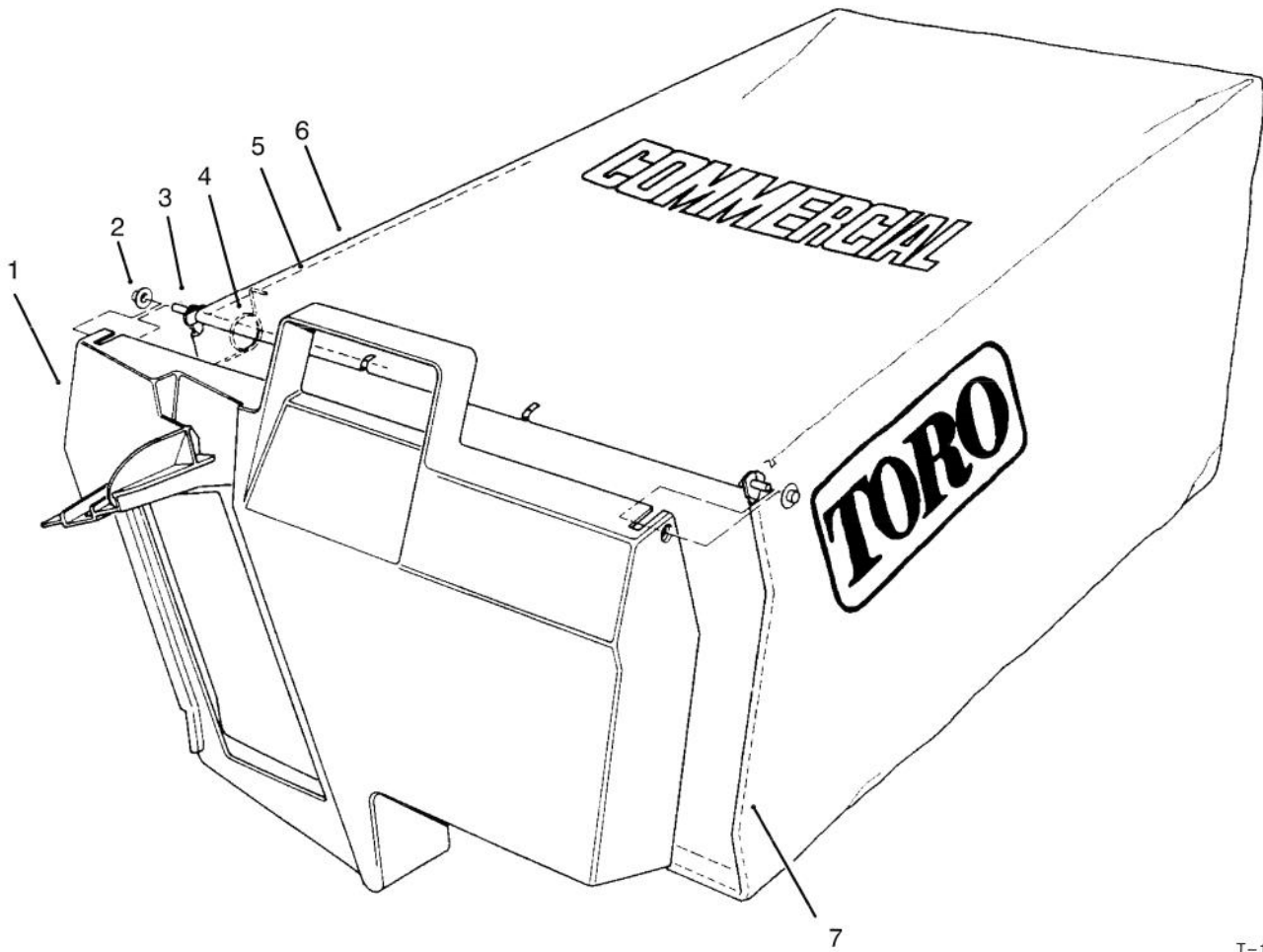
*Not Illustrated



C-2343

GAS TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	55-3575	Cap - Fuel	1	5	71-9280	Filter - Fuel	1
2	93-3166	Tank - Fuel	1	6	84-9170	Base - Tank	1
3	2412-95	Clamp - Fuel Line	4	7	46-8091	Screw - Hex. Washer Hd.	2
4	51-3210	Hose - Fuel	2	8	323-6	Screw - Hex. Hd.	2

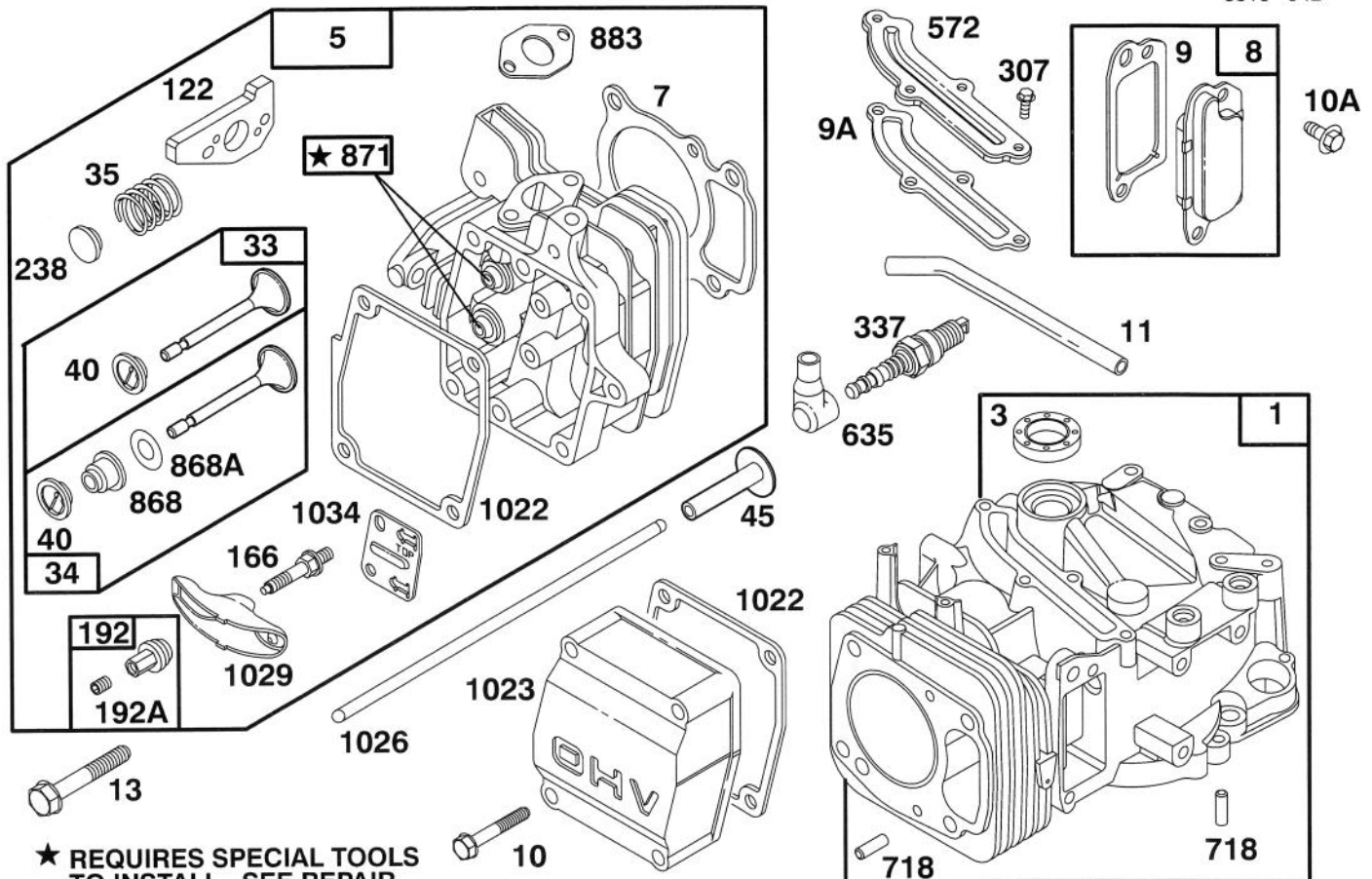


T-1100

GRASS BAG ASSEMBLY No. 11-5609

Ref. No.	Part No.	Description	No. Used
1	48-2840	Door - Bag, Grass	1
2	3290-422	Nut - Push	2
3	33-4820	Hinge - Door, Bag	1
4	36-6910	Spring	2

Ref. No.	Part No.	Description	No. Used
5	42-4030	Frame - Bag, Upper	1
6	8-2759	Bag - Grass	1
7	42-4020	Frame - Bag	1



★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Assemblies include all parts shown in frames.

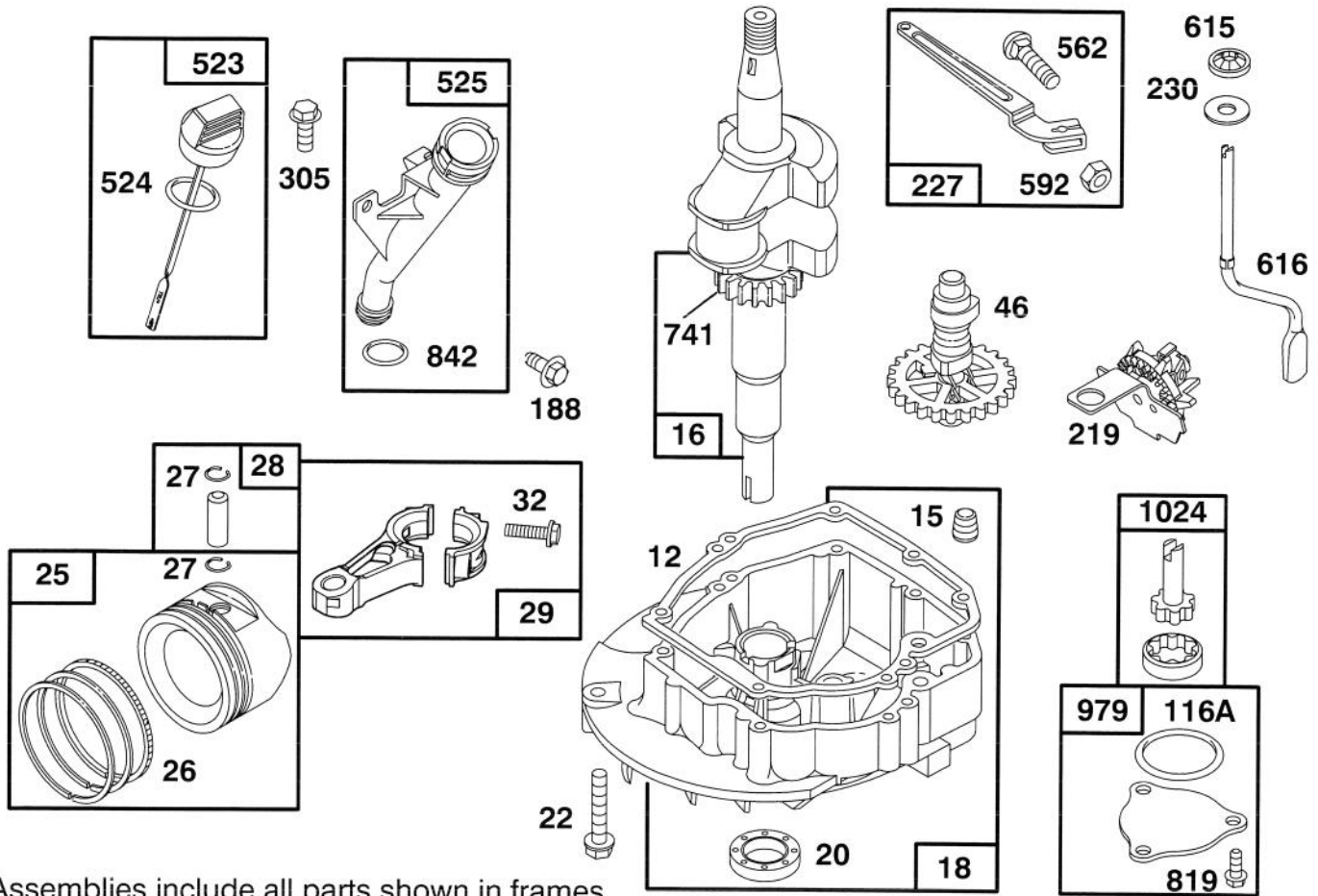
ENGINE GTS 150

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	77-9260	Breather Assy.	1
★9	77-9250	Gasket - Breather	1
★9A	77-7410	Gasket - Breather	1
10	77-7360	Screw - Hex. Head (Valve Cover)	1
10A	77-9200	Screw - Hex. Head	1
11	77-9410	Tube - Breather	1
13	77-7630	Screw - Cylinder Head	1
33	77-7860	Valve - Exhaust	1
34	77-7880	Valve - Intake	1
35	77-7810	Spring - Valve	1
40	77-7870	Retainer - Spring	1
45	77-7610	Tappet - Valve	1
●122	77-7820	Adapter Assy.	1
166	77-7780	Stud - Rocker Arm	1
192	77-7910	Ball & Screw - Rocker Arm (Incl. Ref. #192A)	1

Ref. No.	Part No.	Description	No. Used
192A		Screw - Set	1
238	77-7800	Cap - Valve	1
307	77-7420	Screw - Breather Cover Mtg.	1
337	77-7330	Plug - Spark	1
572	77-7400	Cover - Breather	1
635	77-7340	Elbow - Spark Plug	1
718	77-7600	Pin - Cylinder	1
★868	77-7890	Seal Assy. - Valve	1
★868A	77-7900	Gasket - Valve	1
871	77-7850	Bushing - Guide	1
★883	77-7760	Gasket - Exhaust	1
★1022	77-7320	Gasket - Rocker Cover	1
1023	77-9320	Cover - Valve	1
1026	77-7620	Rod - Push	1
1029	77-7790	Arm - Rocker	1
1034	77-7770	Guide - Push Rod	1

★ Included in Gasket Set-Part No. 77-8900

● Included in Carburetor Overhaul Kit-Part No. 77-9580



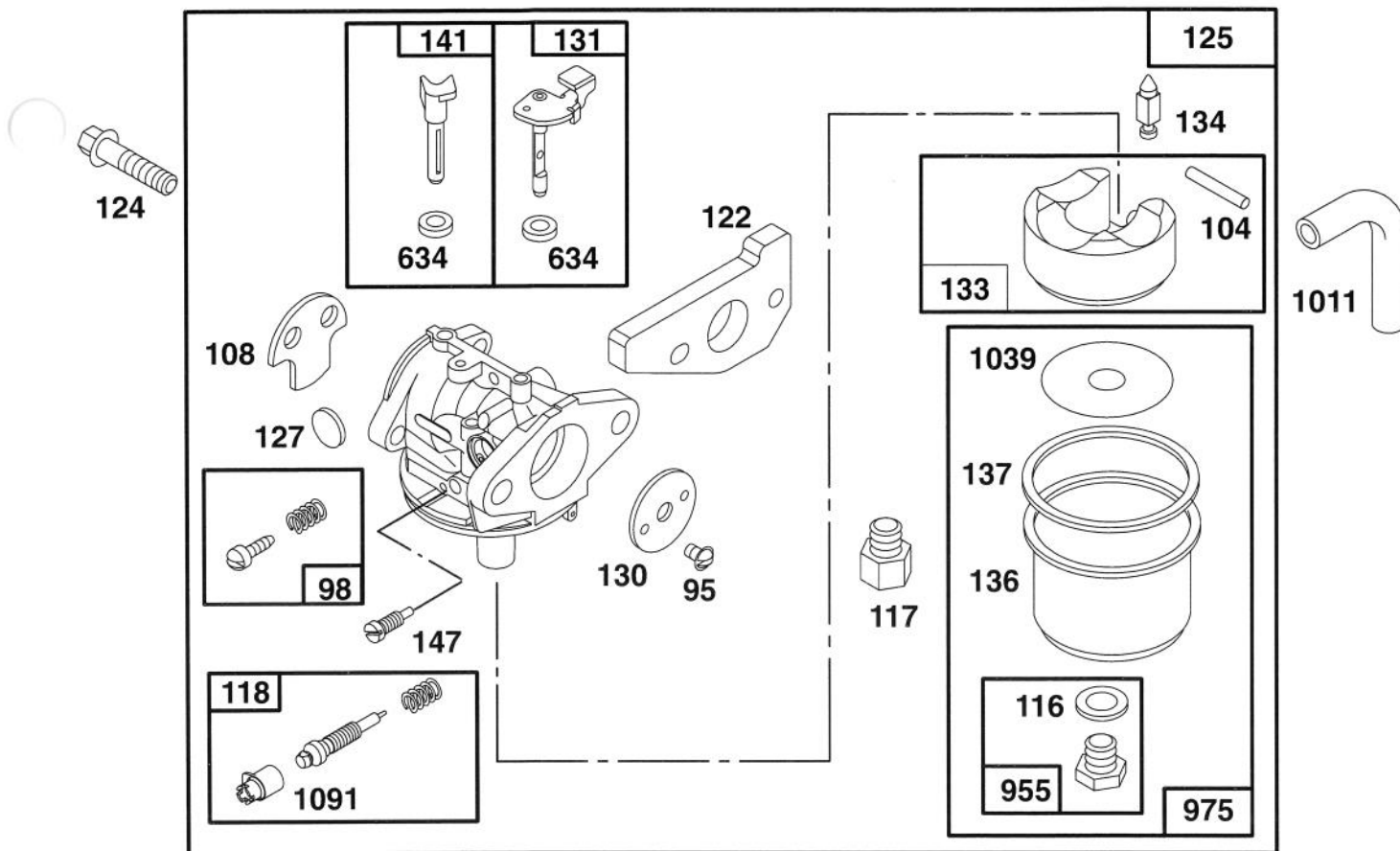
Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
★12	77-7550	Gasket – Engine Base	1
15	77-9590	Plug – Pipe	1
16	77-9330	Crankshaft	1
		Note: Order Part No. 77-7540 For Timing Gear Key.	
18	77-7560	Base – Engine	1
★20	77-7570	Seal – Oil	1
22	77-9070	Screw – Engine Base	1
25	77-7690	Piston Assy. (Std.)	1
26	77-7700	Ring Set (Std.)	1
27	77-7710	Lock – Piston Pin	1
28	77-9340	Pin Assy. – Piston	1
29	77-7670	Rod – Connecting	1
32	77-9350	Screw – Connecting Rod	1
46	77-7490	Gear – Cam	1
★116A	77-7660	O-Ring	1
188	77-9360	Screw – Hex. Head	1

Ref. No.	Part No.	Description	No. Used
219	77-7500	Gear – Governor	1
227	77-7370	Lever Assy. – Governor	1
230	77-7470	Washer	1
305	77-8310	Screw – Hex. Head	1
523	77-7260	Dipstick – Oil	1
★524	77-7270	Seal – O-Ring	1
525	77-7280	Tube – Oil Filler	1
562	77-7380	Bolt – Governor Lever	1
592	77-7390	Nut – Hex.	1
615	77-7480	Pushnut	1
616	77-7460	Crank – Governor	1
741	77-7530	Gear – Timing	1
819	77-9570	Screw – Cap	1
★842	77-7300	Seal – O-Ring	1
979	77-7650	Cover – Oil Pump	1
1024	77-7640	Pump – Oil	1

★ Included in Gasket Set-Part No. 77-8900



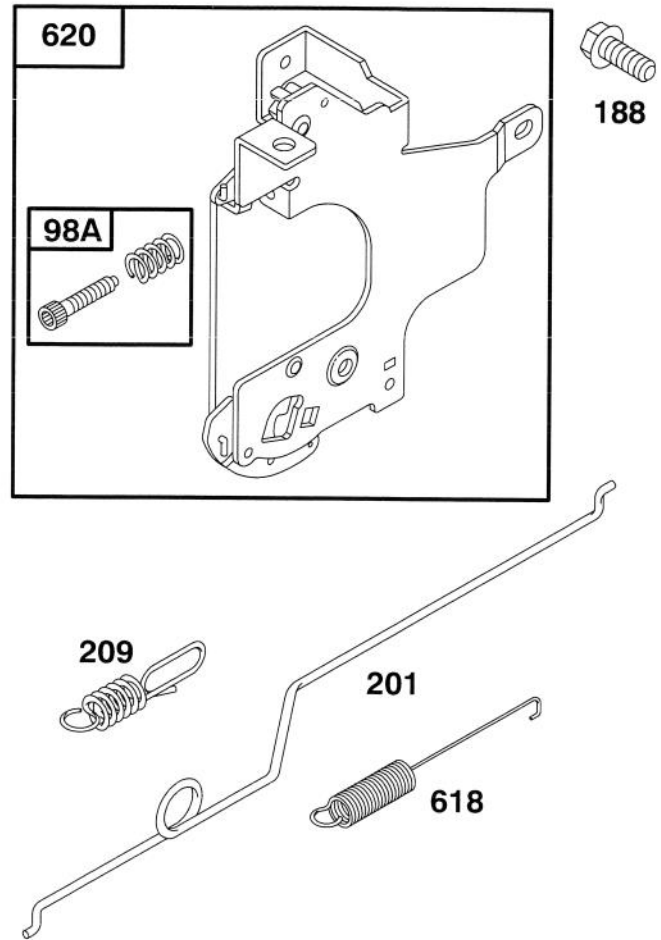
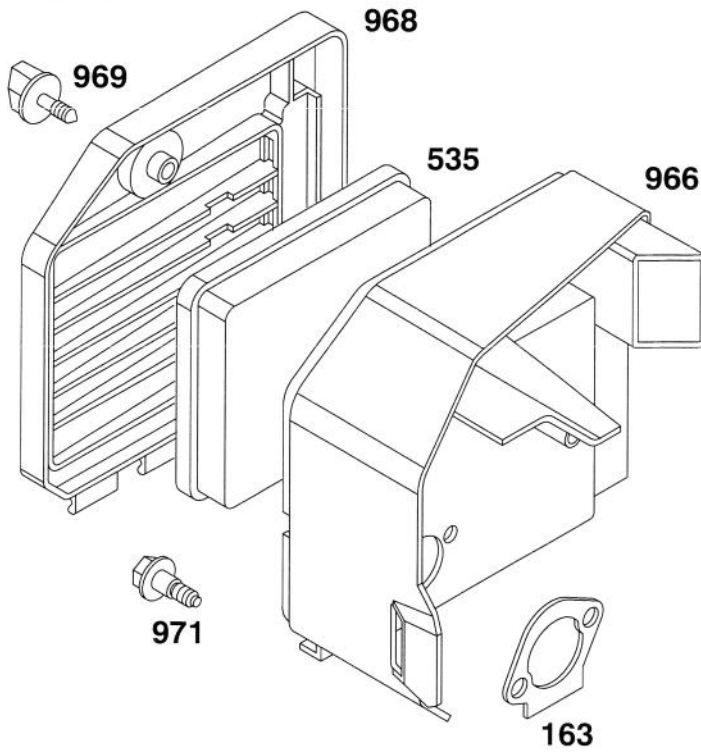
Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
95	77-8090	Screw - Valve Mtg.	1	130	77-8080	Valve - Throttle	1
98	77-8240	Screw - Idle Adj.	1	131	77-8160	Shaft - Throttle	1
●104	77-8180	Pin - Float Hinge	1	133	77-8170	Float - Carburetor	1
108	77-9600	Valve - Choke	1	●134	77-8110	Valve - Inlet (Includes Seat)	1
●◆116	77-8210	Sealing - Gasket	1	136	77-7240	Bowl - Fuel	1
●117	77-9610	Jet - Main	1	●◆137	77-8200	Gasket - Float Bowl	1
		Note: For High Altitude Jet Order Part No. 94-1650	1	141	77-8130	Shaft - Choke	1
●118	77-9620	Valve & Spring - Needle	1	147	77-9640	Adapter - Jet	1
●122	77-7820	Adapter Assy.	1	◆634	77-8150	Washer - Seal	1
124	77-7970	Screw - Hex. Head (carb. mtg.)	1	955	77-8220	Screw - Hex. Head	1
125	77-9630	Carburetor Assy.	1	975	77-8190	Bowl Assy. - Carburetor	1
●127	94-1651	Plug - Welch	1	1011	77-8040	Tube - Vent	1
				●1039	77-7250	Limiter - Float	1
				●1091	77-9650	Cap - Limiter	1

● Included in Carb. Overhaul Kit Part No. 77-9580

◆ Included in Carb. Gasket Set Part No. 77-8930



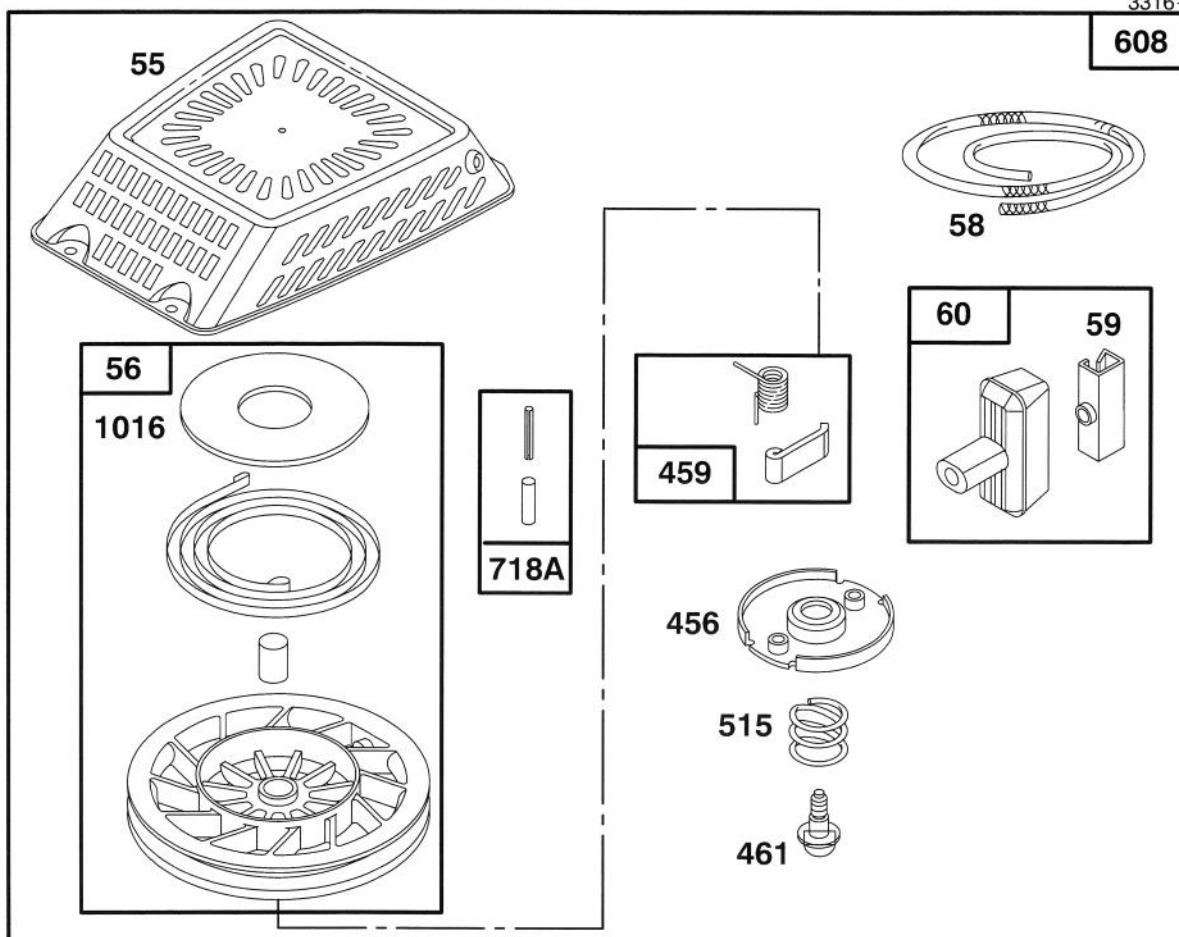
Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
98A	77-8020	Screw Assy. - Speed Adj.	1
*163	77-7960	Gasket - Air Cleaner	1
188	77-9360	Screw - Hex. Head	1
201	77-7980	Link - Governor	1
209	77-7990	Spring - Governor	1
535	77-7950	Element - Filter	1

Ref. No.	Part No.	Description	No. Used
618	77-8140	Spring - Choke	1
620	77-8000	Bracket - Carburetor	1
966	77-7940	Base - Air Cleaner	1
968	77-7040	Cover - Air Cleaner	1
969	77-7920	Screw - Air Cleaner	1
971	77-7930	Screw - Air Cleaner	1

* Included in Gasket Set - Part No. 77-8900

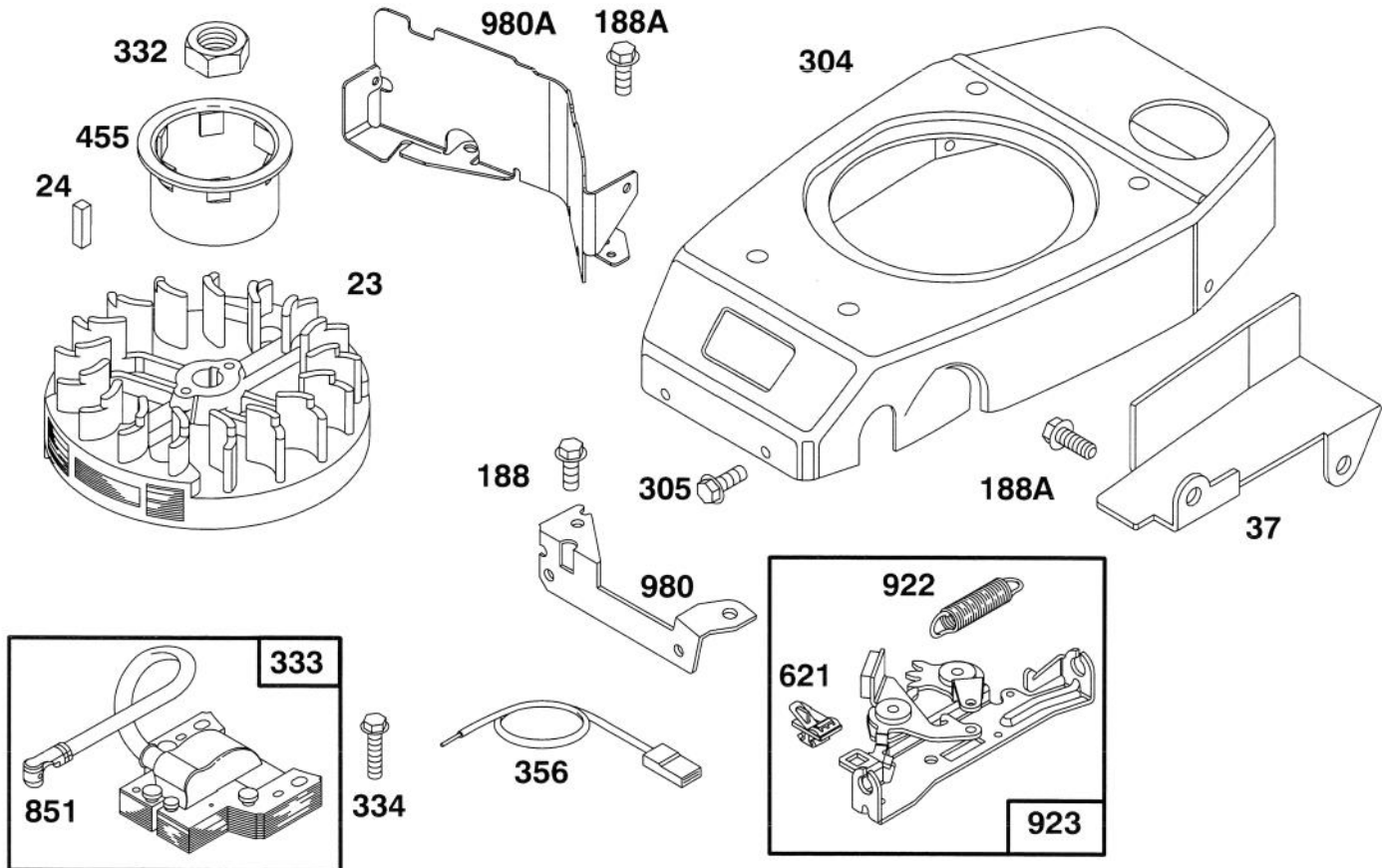


Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
55	77-8890	Housing - Rewind Starter	1
56	77-9270	Pulley - Rewind Starter	1
58	77-8480	Rope - Starter (Cut To Suit)	1
59	77-7210	Insert - Rewind Handle	1
60	77-8520	Handle - Rewind Starter	1
65	77-8300	Screw - Hex. Head	1
456	77-8470	Retainer - Rewind Starter	1

Ref. No.	Part No.	Description	No. Used
459	77-8530	Pawl - Starter	1
461	77-8490	Screw - Rewind Starter	1
515	77-8500	Spring - Torsion	1
608	77-8840	Starter Assy. - Rewind	1
718A	77-8550	Pin - Spring	1
1016	77-8570	Cover - Spring	1

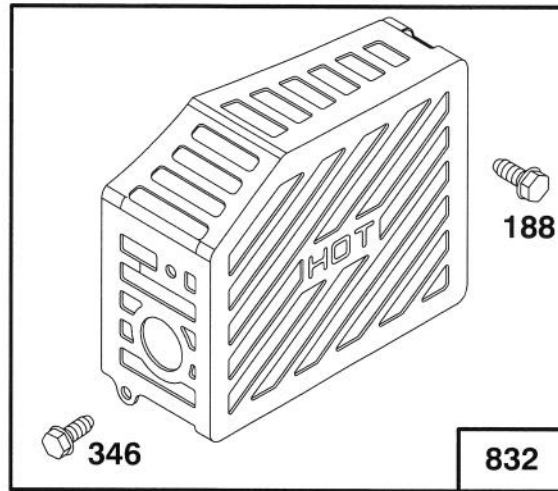
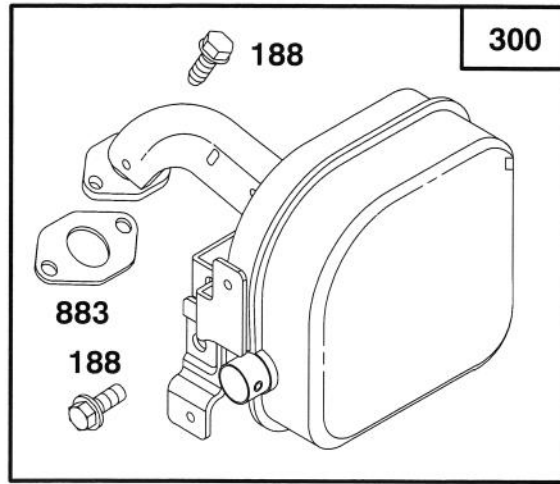


Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
23	77-8330	Flywheel - Magneto	1
24	77-8340	Key - Flywheel	1
37	77-7170	Guard - Flywheel	1
188	77-9360	Screw - Hex. Head	1
188A	77-7450	Screw - Hex Head	1
304	77-9660	Housing - Blower	1
305	77-8310	Screw - Hex. Head	1
332	77-8360	Nut - Flywheel	1
333	77-8420	Armature - Magneto	1

Ref. No.	Part No.	Description	No. Used
334	77-8440	Screw - Armature Mtg.	1
356	77-8400	Wire - Ground	1
455	77-8350	Cup - Starter	1
621	77-8010	Switch - Stop	1
851	77-8430	Terminal - Spark Plug	1
922	77-8860	Spring - Brake	1
923	77-9460	Brake Assy.	1
980	77-7140	Bracket - Blower Hsg.	1
980A	77-9180	Bracket - Blower Housing	1



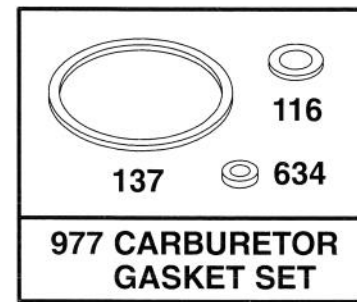
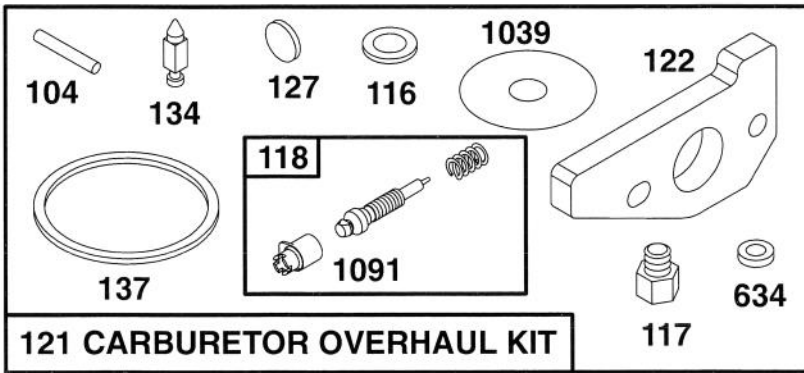
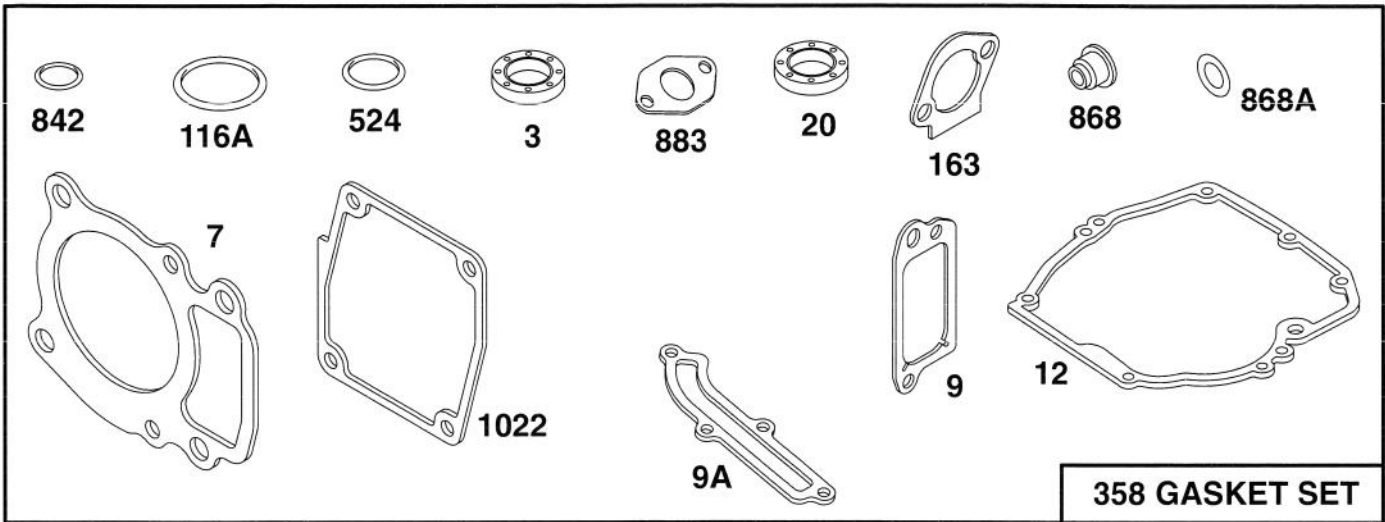
Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
188	77-9360	Screw - Hex. Head	1
300	77-8640	Muffler - Exhaust	1
346	77-9430	Screw - Hex.	1

Ref. No.	Part No.	Description	No. Used
832	77-8660	Guard - Muffler	1
*883	77-7760	Gasket - Exhaust	1

* Included in Gasket Set - Part No. 77-8900



Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
★3	77-9060	Seal – Oil	1
★7	77-7740	Gasket – Cylinder Head	1
★9	77-9250	Gasket – Breather	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	Gasket – Sealing	1
★116A	77-7660	O-Ring	1
●117	77-9610	Jet – Main	1
●118	77-9620	Valve and Spring – Needle	1
121	77-9580	Carburetor Overhaul Kit	1
●122	77-7820	Adapter Assembly	1
●127	94-1651	Plug – Welch	1
●134	77-8110	Valve – Inlet (Includes Seat)	1

Ref. No.	Part No.	Description	No. Used
●◆137	77-8200	Gasket – Float Bowl	1
★163	77-7960	Gasket – Air Cleaner	1
358	77-8900	Gasket Set	1
★524	77-7270	Seal – O-Ring	1
◆634	77-8150	Washer – Seal	1
★842	77-7300	Seal – O-Ring	1
★868	77-7890	Seal Assy. – Valve	1
★868A	77-7900	Seal – Valve	1
★883	77-7760	Gasket – Exhaust	1
977	77-8930	Carburetor Gasket Set	1
★1022	77-7320	Gasket – Rocker Cover	1
●1039	77-7250	Limitter – Float	1
●1091	77-9650	Cap – Limiter	1

● Incl. in Carburetor Overhaul Kit – Part No. 77-9580
 ◆ Included in Carburetor Gasket Set – Part No. 77-8930

★ Included in Gasket Set – Part No. 77-8900

TORO PART NUMBER INDEX

3316-942

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
	Screw - Set	7 192A 1	76-4570	Plate - Latch	1 15 1
3-3287	Spacer - Handle Latch	4 29 2	76-4640	Plate - Latch	2 60 1
3-7501	Washer - Curved	4 16 3	76-4650	Grip - Latch	2 61 1
8-2759	Bag - Grass	6 6 1	76-4660	Spring	1 12 1
14-9419	Blade	3 8 1	77-0200	Door Assembly	1 14 1
14-9499	Housing	1 4 1	77-0500	Plug Assembly	1 21 1
25-7740	Knob - Arm	2 29 4	77-7040	Cover - Air Cleaner	10 968 1
26-0670	Screw - Blade	3 9 1	77-7140	Bracket - Blower Hsg.	12 980 1
27-6232	Screw - Pivot	2 42 2	77-7170	Guard - Flywheel	12 37 1
27-7210	Screw - Shoulder	4 28 2	77-7210	Insert - Rewind Handle	11 59 1
27-8590	Key - Square	3 4 1	77-7240	Bowl - Fuel	9 136 1
33-3208	Rod - Shield	2 38 1	77-7250	Limiter - Float	14 1039 1
33-4820	Hinge - Door, Bag	6 3 1	77-7250	Limiter - Float	9 1039 1
36-4780	Washer - Thrust	2 35 2	77-7260	Dipstick - Oil	8 523 1
36-6910	Spring	6 4 2	77-7270	Seal - O-Ring	14 524 1
37-7260	Screw - Special	1 22 2	77-7270	Seal - O-Ring	8 524 1
39-5770	Decal - Danger	1 7 1	77-7280	Tube - Oil Filler	8 525 1
40-1940	Washer - Hardened	2 53 4	77-7300	Seal - O-Ring	8 842 1
42-3510	Arm - Pivot	2 31 2	77-7300	Seal - O-Ring	14 842 1
42-4020	Frame - Bag	6 7 1	77-7320	Gasket - Rocker Cover	14 1022 1
42-4030	Frame - Bag, Upper	6 5 1	77-7320	Gasket - Rocker Cover	7 1022 1
44-0580	Shield - Rear Safety	2 39 1	77-7330	Plug - Spark	7 337 1
46-6810	Screw - Thread Forming	1 8 1	77-7340	Elbow - Spark Plug	7 635 1
46-6811	Screw - Hex Washer Hd.	1 11 1	77-7360	Screw - Hex. Head	7 10 1
46-8081	Guide - Rope	4 18 1	77-7370	Lever Assy. - Governor	8 227 1
46-8090	Screw - Hex Washer Hd.	1 16 2	77-7380	Bolt - Governor Lever	8 562 1
46-8091	Screw - Hex. Washer Hd.	5 7 2	77-7390	Nut - Hex.	8 592 1
47-2890	Bushing	2 34 2	77-7400	Cover - Breather	7 572 1
47-2900	Bushing	2 33 2	77-7410	Gasket - Breather	7 9A 1
48-2170	Cap - End	2 28 2	77-7410	Gasket - Breather	14 9A 1
48-2591	Protector - Crankshaft	3 12 1	77-7420	Screw - Breather Cover	7 307 1
48-2810	Rod - Support, Bag	4 1 1	77-7450	Screw - Hex Head	12 188A 1
48-2840	Door - Bag, Grass	6 1 1	77-7460	Crank - Governor	8 616 1
49-1630	Support - Spacer	4 5 2	77-7470	Washer	8 230 1
49-2040	Screw - Thread Forming	1 3 8	77-7480	Pushnut	8 615 1
49-8740	Quadrant - Rear L.H.	1 25 1	77-7490	Gear - Cam	8 46 1
49-8750	Quadrant - Rear R.H.	1 * 1	77-7500	Gear - Governor	8 219 1
49-8760	Quadrant - Front L.H.	2 55 1	77-7530	Gear - Timing	8 741 1
49-8770	Quadrant - Front R.H.	1 2 1	77-7550	Gasket - Engine Base	14 12 1
49-8790	Shaft - Axle Rear	2 27 1	77-7550	Gasket - Engine Base	8 12 1
51-3210	Hose - Fuel	5 4 2	77-7560	Base - Engine	8 18 1
52-2170	Retainer - Blade	3 11 1	77-7570	Seal - Oil	8 20 1
52-2190	Spacer - Retainer, Blade	3 5 1	77-7570	Seal - Oil	14 20 1
52-2410	Hub	2 44 4	77-7590	Cylinder Assy.	7 1 1
52-2440	Spacer - Bearing	2 46 4	77-7600	Pin - Cylinder	7 718 1
52-2450	Bearing - Wheel	2 45 8	77-7610	Tappet - Valve	7 45 1
52-2480	Spacer - Wheel	2 50 4	77-7620	Rod - Push	7 1026 1
52-2610	Label - Grease	1 24 1	77-7630	Screw - Cylinder Head	7 13 1
53-7720	Wheel & Tire Assembly	2 * 4	77-7640	Pump - Oil	8 1024 1
53-7740	Tire	2 43 4	77-7650	Cover - Oil Pump	8 979 1
53-7780	Plate - Wheel Half	2 47 8	77-7660	O-Ring	14 116A 1
55-3575	Cap - Fuel	5 1 1	77-7660	O-Ring	8 116A 1
61-8270	Bar - Control	4 10 1	77-7670	Rod - Connecting	8 29 1
61-8300	Pivot Arm Assembly	1 1 2	77-7690	Piston Assy. (Std.)	8 25 1
66-5350	Lever - Control	4 9 1	77-7700	Ring Set (Std.)	8 26 1
66-7560	Spring Arm Ass'y - Front	2 41 2	77-7710	Lock - Piston Pin	8 27 1
66-7561	Spring Arm Ass'y - Rear	2 30 2	77-7730	Head - Cylinder	7 5 1
70-1063	Cable - Throttle	4 14 1	77-7740	Gasket - Cylinder Head	14 7 1
71-1280	Decal - Safety Instructions	1 20 1	77-7740	Gasket - Cylinder Head	7 7 1
71-9270	Decal - Recoil	3 3 1	77-7760	Gasket - Exhaust	13 883 1
71-9280	Filter - Fuel	5 5 1	77-7760	Gasket - Exhaust	14 883 1
71-9350	Bracket - Spring	1 10 1	77-7760	Gasket - Exhaust	7 883 1
71-9370	Decal - Danger	2 58 1	77-7770	Guide - Push Rod	7 1034 1
74-1810	Washer - Thrust	1 26 2			

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TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No.	Qty.	Part No.	Description	Pg. Ref. No. No.	Qty.
77-7780	Stud - Rocker Arm	7 166	1	77-8530	Pawl - Starter	11 459	1
77-7790	Arm - Rocker	7 1029	1	77-8550	Pin - Spring	11 718A	1
77-7800	Cap - Valve	7 238	1	77-8570	Cover - Spring	11 1016	1
77-7810	Spring - Valve	7 35	1	77-8640	Muffler - Exhaust	13 300	1
77-7820	Adapter Assembly	14 122	1	77-8660	Guard - Muffler	13 832	1
77-7820	Adapter Assembly	9 122	1	77-8840	Starter Assy. - Rewind	11 608	1
77-7820	Adapter Assy.	7 122	1	77-8860	Spring - Brake	12 922	1
77-7850	Bushing - Guide	7 871	1	77-8890	Housing - Rewind	11 55	1
77-7860	Valve - Exhaust	7 33	1	77-8900	Gasket Set	14 358	1
77-7870	Retainer - Spring	7 40	1	77-8930	Carburetor Gasket Set	14 977	1
77-7880	Valve - Intake	7 34	1	77-8971	Engine - Complete	3 2	1
77-7890	Seal Assy. - Valve	14 868	1	77-9020	Short Block	3 *	1
77-7890	Seal Assy. - Valve	7 868	1	77-9060	Seal - Oil	7 3	1
77-7900	Gasket - Valve	7 868A	1	77-9060	Seal - Oil	14 3	1
77-7900	Seal - Valve	14 868A	1	77-9070	Screw - Engine Base	8 22	1
77-7910	Ball & Screw - Rocker	7 192	1	77-9180	Bracket - Blower Housing	12 980A	1
77-7920	Screw - Air Cleaner	10 969	1	77-9200	Screw - Hex. Head	7 10A	1
77-7930	Screw - Air Cleaner	10 971	1	77-9250	Gasket - Breather	7 9	1
77-7940	Base - Air Cleaner	10 966	1	77-9250	Gasket - Breather	14 9	1
77-7950	Element - Filter	10 535	1	77-9260	Breather Assy.	7 8	1
77-7960	Gasket - Air Cleaner	10 163	1	77-9270	Pulley - Rewind Starter	11 56	1
77-7960	Gasket - Air Cleaner	14 163	1	77-9320	Cover - Valve	7 1023	1
77-7970	Screw - Hex. Head	9 124	1	77-9330	Crankshaft	8 16	1
77-7980	Link - Governor	10 201	1	77-9340	Pin Assy. - Piston	8 28	1
77-7990	Spring - Governor	10 209	1	77-9350	Screw - Connecting Rod	8 32	1
77-8000	Bracket - Carburetor	10 620	1	77-9360	Screw - Hex. Head	10 188	1
77-8010	Switch - Stop	12 621	1	77-9360	Screw - Hex. Head	12 188	1
77-8020	Screw Assy. - Speed	10 98A	1	77-9360	Screw - Hex. Head	13 188	1
77-8040	Tube - Vent	9 1011	1	77-9360	Screw - Hex. Head	8 188	1
77-8080	Valve - Throttle	9 130	1	77-9410	Tube - Breather	7 11	1
77-8090	Screw - Valve Mtg.	9 95	1	77-9430	Screw - Hex.	13 346	1
77-8110	Valve - Inlet	14 134	1	77-9460	Brake Assy.	12 923	1
77-8110	Valve - Inlet	9 134	1	77-9550	Cover - Brake	3 17	1
77-8130	Shaft - Choke	9 141	1	77-9570	Screw - Cap	8 819	1
77-8140	Spring - Choke	10 618	1	77-9580	Carburetor Overhaul Kit	14 121	1
77-8150	Washer - Seal	14 634	1	77-9590	Plug - Pipe	8 15	1
77-8150	Washer - Seal	9 634	1	77-9600	Valve - Choke	9 108	1
77-8160	Shaft - Throttle	9 131	1	77-9610	Jet - Main	9 117	1
77-8170	Float - Carburetor	9 133	1	77-9610	Jet - Main	14 117	1
77-8180	Pin - Float Hinge	14 104	1	77-9620	Valve & Spring -	9 118	1
77-8180	Pin - Float Hinge	9 104	1	77-9620	Valve and Spring -	14 118	1
77-8190	Bowl Assy. - Carburetor	9 975	1	77-9630	Carburetor Assy.	9 125	1
77-8200	Gasket - Float	14 137	1	77-9640	Adapter - Jet	9 147	1
77-8200	Gasket - Float	9 137	1	77-9650	Cap - Limiter	14 1091	1
77-8210	Gasket - Sealing	14 116	1	77-9650	Cap - Limiter	9 1091	1
77-8210	Sealing - Gasket	9 116	1	77-9660	Housing - Blower	12 304	1
77-8220	Screw - Hex. Head	9 955	1	80-3770	Retainer - Door	1 13	1
77-8240	Screw - Idle Adj.	9 98	1	82-9150	Chute - Discharge	1 9	1
77-8300	Screw - Hex. Head	11 65	1	82-9950	Bracket - Throttle Control	4 12	1
77-8310	Screw - Hex. Head	8 305	1	84-8361	Latch - Handle L.H.	4 *	1
77-8310	Screw - Hex. Head	12 305	1	84-4960	Decal - Pro Line	3 1	1
77-8330	Flywheel - Magneto	12 23	1	84-8401	Latch - Handle R.H.	4 27	1
77-8340	Key - Flywheel	12 24	1	84-9170	Base - Tank	5 6	1
77-8350	Cup - Starter	12 455	1	86-5232	Cover - Belt	1 23	1
77-8360	Nut - Flywheel	12 332	1	86-7990	Screw - Clamp	3 18	1
77-8400	Wire - Ground	12 356	1	92-1586	Handle Assembly	4 2	1
77-8420	Armature - Magneto	12 333	1	92-1599	Stiffener - Blade	3 14	1
77-8430	Terminal - Spark Plug	12 851	1	92-1720	Plate - Kicker	2 57	1
77-8440	Screw - Armature Mtg.	12 334	1	92-1730	Plate - Kicker	1 6	1
77-8470	Retainer - Rewind	11 456	1	92-1750	Plate - Kicker	1 19	1
77-8480	Rope - Starter	11 58	1	92-1779	Decal - Warning	2 62	1
77-8490	Screw - Rewind Starter	11 461	1	92-1796	Decal - Recycler	2 56	1
77-8500	Spring - Torsion	11 515	1	93-3166	Tank - Fuel	5 2	1
77-8520	Handle - Rewind Starter	11 60	1	93-3662	Cable - Brake	4 30	1

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Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
94-1651	Plug - Welch	14	127 1	3290-422	Nut - Push	6	2 2
94-1651	Plug - Welch	9	127 1	3290-456	Washer	4	23 4
2210-249	Clamp - Casing	3	19 1	3295-35	Rivet	2	59 1
2210-316	Stop - Recoil	3	16 1	3296-6	Nut - Lock	2	54 2
2412-95	Clamp - Fuel Line	5	3 4	3296-29	Nut - Lock	4	21 4
256-276	Spacer	4	17 1	3296-42	Nut - Lock	4	8 2
257-3	Washer - Pivot	2	52 2	3296-42	Nut - Lock	1	18 2
302-56	Fitting - Grease	2	32 2	3296-42	Nut - Lock	2	48 16
321-2	Screw - Hex. Hd.	2	51 16	3296-47	Nut - Lock	4	26 2
321-4	Screw - Hex. Hd.	4	11 1	3296-58	Nut - Lock	4	6 2
321-7	Screw - Hex. Hd.	1	17 2	32111-7	Nut - Acorn	4	19 2
321-9	Screw - Hex. Hd.	4	3 1	32121-108	Pin - Roll	2	36 2
321-13	Screw - Hex. Hd.	4	15 2	32144-70	Screw - Thread Forming	3	7 3
322-6	Screw - Hex. Hd.	4	25 2	32144-102	Screw - Hex. Flange Hd.	3	13 3
322-7	Screw - Hex. Hd.	4	24 2	32144-111	Screw - Pan Hd.	1	5 6
322-10	Screw - Hex. Hd.	4	4 2	32151-86	Ring - Retaining	4	13 2
323-6	Screw - Hex. Hd.	5	8 2	32152-2	Nut - Lock	2	37 4
323-12	Screw - Hex. Hd.	2	49 4				
3253-22	Washer - Lock	3	10 1				
3254-6	Washer - Internal Tooth	3	6 3				
3256-22	Washer - Flat	2	63 2				
3290-378	Tie - Cable	4	20 1				

OPTIONAL EQUIPMENT

Side Discharge Chute Model No. 59168
 Spark Arrestor Muffler Part No. 81-0200

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