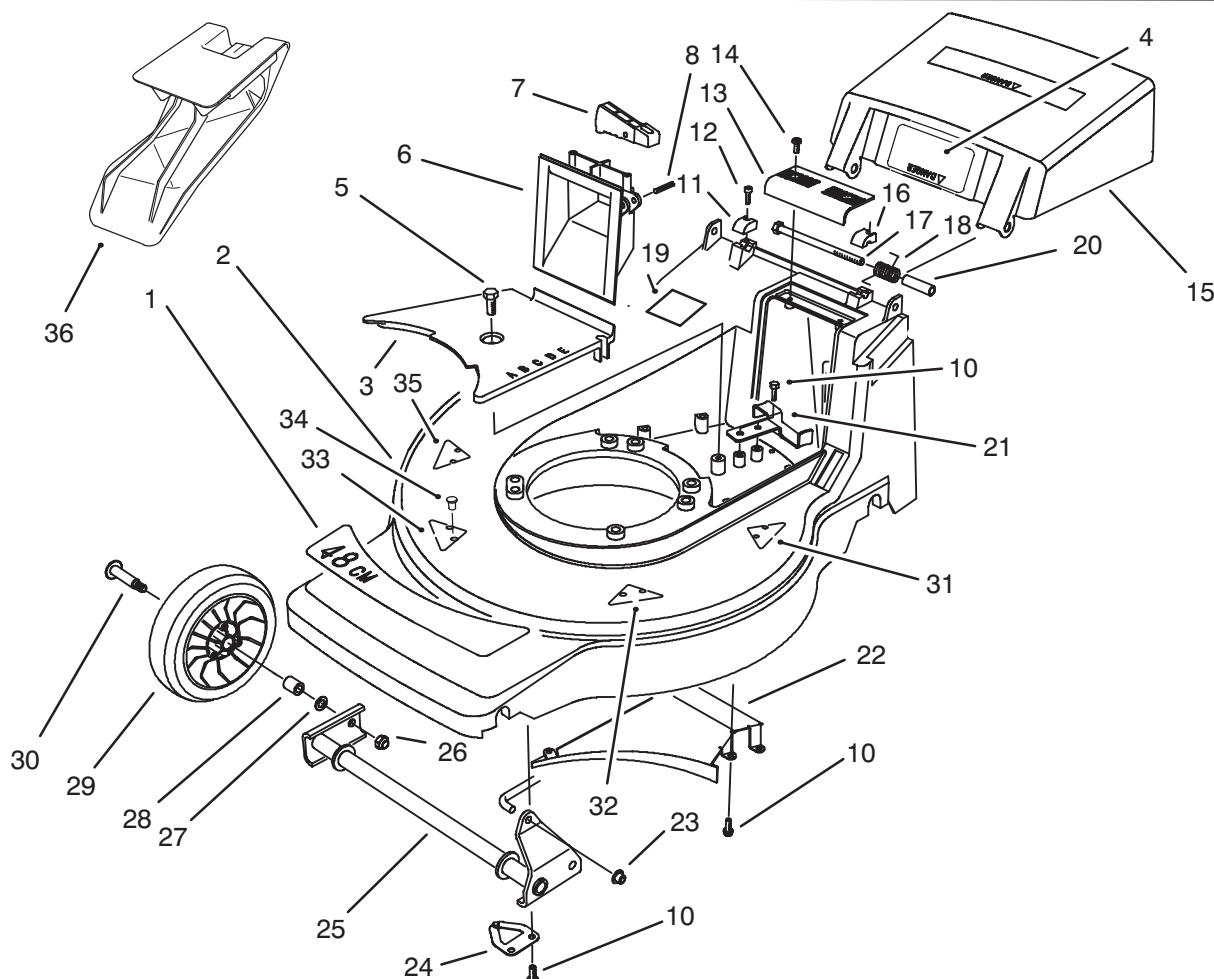


TORO®

MODEL NO. 20820BC-5900001 & UP

PARTS CATALOG

48cm RECYCLER® Mower

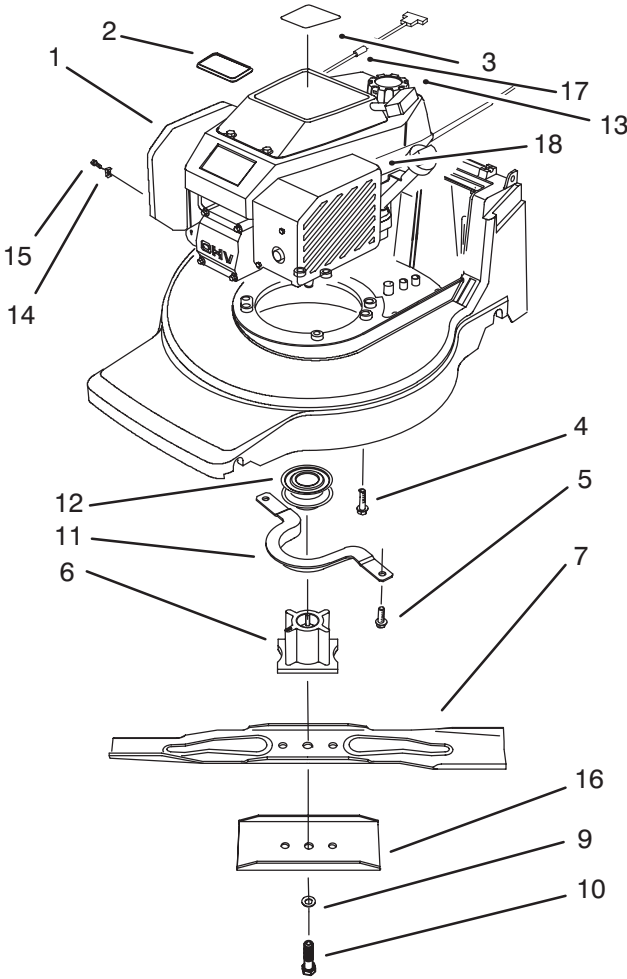


C-2219

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-9860	Decal - 48cm	1
2	16-5989	Housing - 48cm (Incl. Ref. #31-35)	1
3	71-7920	Cover - Belt	1
4	93-4105	Decal - Danger	1
5	32144-70	Screw - Hex. Flange Hd.	1
6	71-7870	Grip - Lower	1
7	71-7930	Trigger - H.O.C.	1
8	3284-5	Pin - Roll	1
10	32144-4	Screw - Thread Forming	10
11	71-7910	Cap - Hinge Bolt R.H.	1
12	65-5210	Screw - Thread Forming	2
13	71-7860	Grip - Upper	1
14	32144-97	Screw - Thread Forming	2
15	71-9800	Door - Discharge	1
16	71-7900	Cap - Hinge Bolt L.H.	1
17	322-29	Screw - Cap Hex. Hd.	2
18	71-9840	Spring - Door	2
19	66-1700	Decal - Noise Rating	1

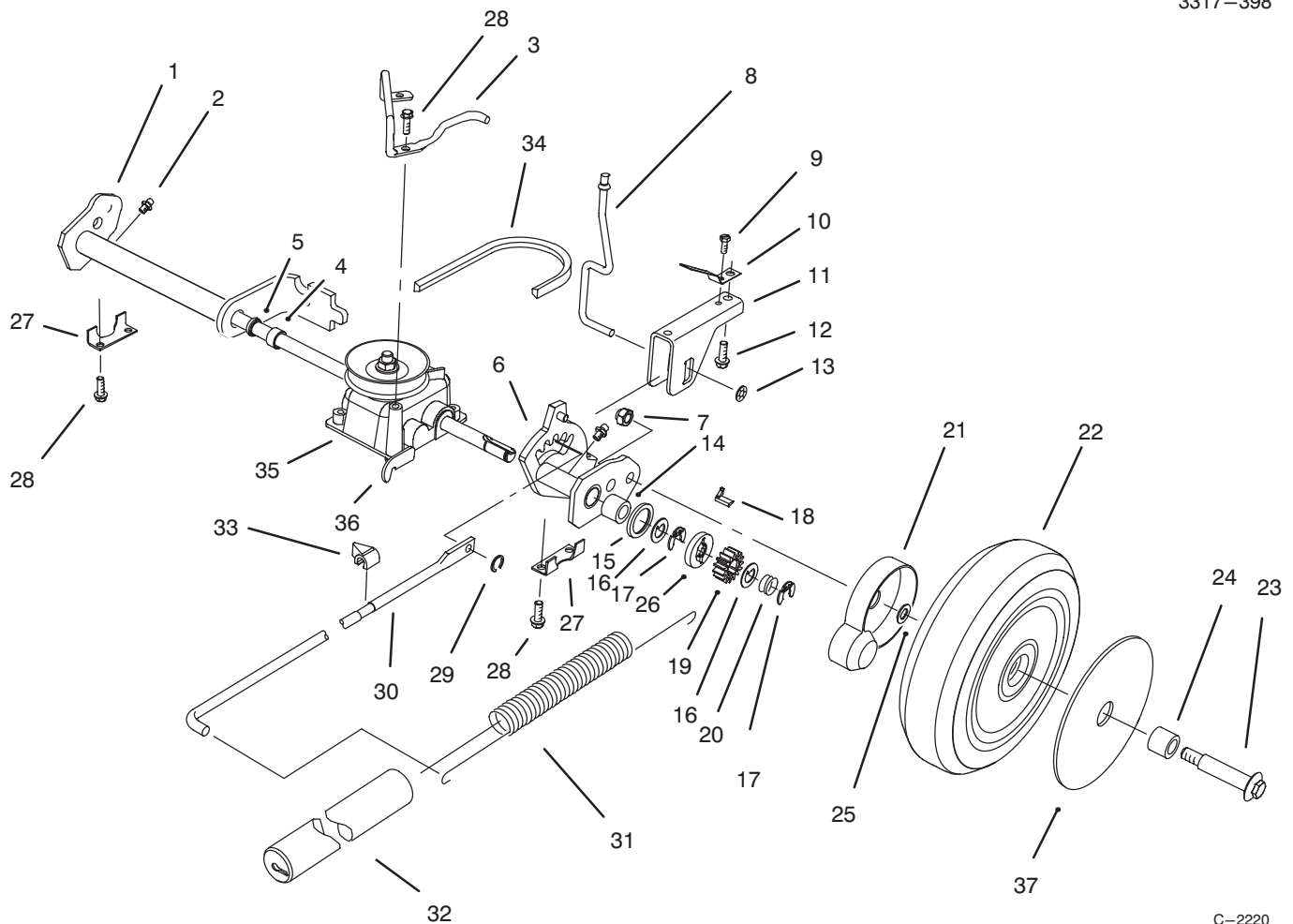
Ref. No.	Part No.	Description	No. Used
20	71-8580	Spacer - Door	2
21	71-7890	Guide - Belt Rear	1
22	71-7990	Ramp - Discharge	1
23	32112-11	Nut - Push	1
24	71-8830	Retainer - Shaft	2
25	71-7820	Pivot - Front	1
26	3296-5	Nut - Lock	2
27	40-1940	Washer - Wheel	2
28	27-6250	Bushing - Wheel	4
29	46-1113	Wheel & Tire Assembly (Incl. Ref. #28)	2
30	27-6230	Bolt - Wheel	2
31	71-9250	Kicker - Left Rear	1
32	71-9440	Kicker - Left Front	1
33	71-8920	Kicker - Right Front	1
34	32144-111	Screw - Pan Head	8
35	71-9230	Kicker - Right Rear	1
36	71-9990	Plug - Recycler	1



C-2085

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-8952	Engine – Complete	1	11	71-7960	Guide – Engine Belt	1
2	92-2289	Plate – Toro Logo	1	12	62-7550	Pulley – Driver	1
3	93-4355	Decal – Recoil	1	13	110352	Cap – Gas	1
4	32144-102	Screw – Thread Forming	3	14	2210-249	Clamp – Casing	1
5	32144-4	Screw – Thread Forming	2	15	86-7990	Screw – Clamp	1
6	71-7940	Retainer – Blade	1	16	80-0510	Stiffener – Blade	1
7	71-9260	Blade – 48cm	1	17	2210-316	Stop – Rope	1
9	3253-22	Washer – Lock	1	18	77-9550	Cover – Brake	1
10	26-0672	Bolt – Blade	1				



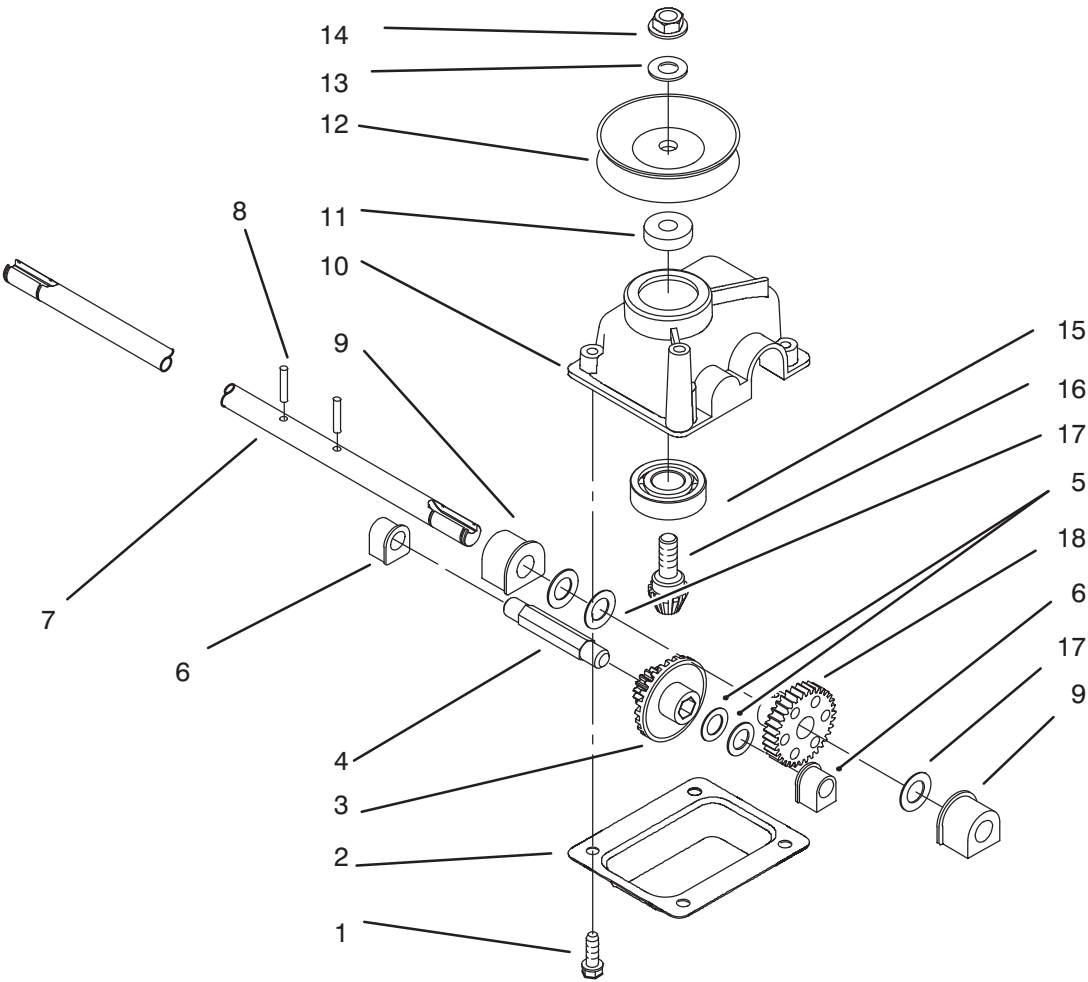
C-2220

S. P. REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-9680	Rear Pivot Assembly R.H. (Incl. Ref. #2, 4, 5 & 14)	1
2	302-26	Fitting - Grease	2
3	71-9850	Retainer Belt	1
4	47-2890	Bushing - Sleeve	2
5	47-6730	Seal - Grease	2
6	92-9677	Rear Pivot Assembly L.H. (Incl. Ref. #2, 4, 5 & 14)	1
7	3296-5	Nut - Lock	2
8	71-7840	Rod - Trigger	1
9	32144-31	Screw - Thread Forming	1
10	71-8060	Spring - Trigger Return	2
11	71-8080	Saddle - H.O.C.	1
12	63-8590	Screw - Thread Forming	2
13	32112-13	Nut - Push	1
14	48-2060	Bearing - Needle	2
15	65-4710	Washer - Friction	2
16	65-4740	Washer - Keyed Thrust	4
17	65-2720	Ring - Retaining	4
18	66-6050	Key - Rocking L.H.	1
*	66-6040	Key - Rocking R.H.	1

Ref. No.	Part No.	Description	No. Used
19	65-4750	Gear - Pinion	2
20	65-4720	Spring - Compression	2
21	74-1660	Cover - Wheel	2
22	14-9959	Wheel, Tire & Gear Assy. (Incl. Ref. #24)	2
23	27-6230	Bolt - Wheel	2
24	27-6250	Bushing - Wheel	4
25	74-1670	Spacer - Wheel	2
26	65-4760	Washer - Clutch	2
27	71-7770	Plate - Rear Securing	2
28	32144-4	Screw - Thread Forming	6
29	32151-93	Ring - Grip	1
30	71-7970	Rod - Link	1
31	71-7740	Spring - Counterbalance	1
32	71-8450	Cover - Spring	1
33	71-7980	Indicator - H.O.C.	1
34	71-9450	V-Belt	1
35	71-9600	Gearcase Assembly (Incl. Ref. #36)	1
36	71-9630	Bracket - Traction	1
37	92-7663	Cover - Wheel	1

*Not Illustrated

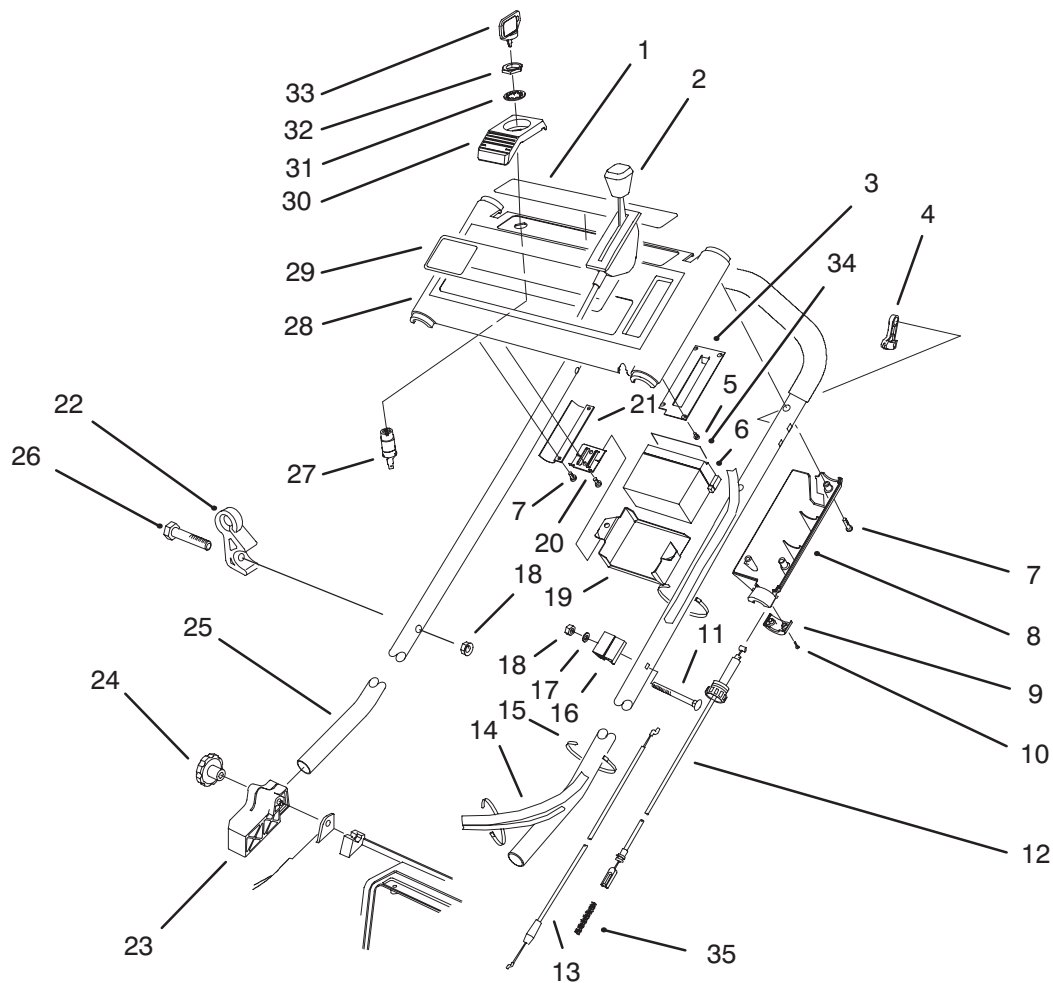


C-1292a

GEARCASE ASSEMBLY NO. 71-9600

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	49-2040	Screw - Taptite	4	11	62-6660	Spacer	1
2	614668	Cover - Gear Case	1	12	71-9610	Pulley - Half	2
3	55-3760	Pinion - 15 Tooth	1	13	3256-24	Washer	1
4	614696	Shaft - Intermediate	1	14	3296-5	Nut	1
5	36-4791	Washer	2	15	38-7820	Bearing - Ball	1
6	60-8750	Bushing	2	16	60-8890	Gear - Bevel Pinion	1
7	71-9620	Shaft - Output	1	17	36-4780	Washer - Thrust	3
8	32121-63	Pin - Spirol	2	18	614596	Gear 34 Tooth	1
9	60-8850	Bushing - Output	2	*	71-9600	Gear Case Ass'y Complete	1
10	614578	Gearcase	1				

*Not Illustrated

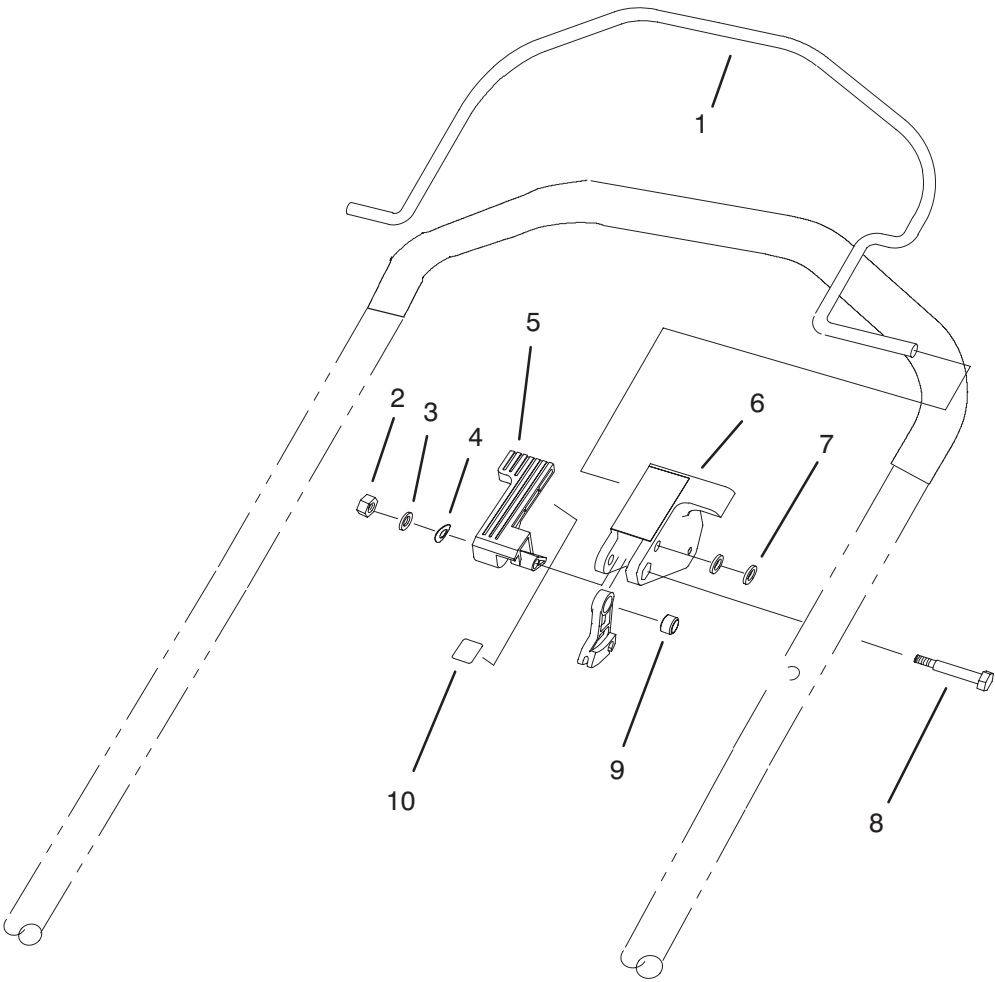


C-2210A

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-6651	Decal - Instruction	1	21	71-8130	Bracket - Control	1
2	93-1115	Control - Throttle	1	22	93-3772	Guide - Rope	1
3	71-8040	Plate - Throttle	1	23	71-8100	Mount - Handle R.H.	1
4	46-5520	Lever - Traction	1	*	71-8090	Mount - Handle L.H.	1
5	32144-98	Screw - Phillips Pan Hd.	4	24	19-4050	Knob	2
6	55-7520	Battery Assembly	1	25	71-9023	Handle Assembly	1
7	32144-97	Screw - Phillips Pan Hd.	9	26	321-52	Screw - Hex Hd. Cap	1
8	93-0339	Cover - Throttle Lower	1	27	46-5780	Switch - Starter (Incl. Ref. #31 & 32)	1
9	71-7630	Cap - Throttle Lower	1	28	16-9299	Panel - Control (Incl. Ref. #1 & 29)	1
10	32144-99	Screw - Phillips Pan Hd.	2	29	93-7175	Decal - Panel Key	1
11	46-6432	Screw - Handle	1	30	71-8200	Bracket - Switch Ignition	1
12	93-1119	Cable - Traction	1	31	3254-5	Washer - Lock	1
13	93-1116	Cable - Brake	1	32	218-461	Nut - Hex	1
14	80-4791	Harness - Wire	1	33	63-8360	Key - Ignition	1
15	3290-378	Tie - Cable	3	34	93-6668	Decal - Battery	1
16	46-6980	Support - Cable	1	35	71-8310	Spring - Compression	1
17	3256-22	Washer - Flat	1	*	22-4710	Charger - Battery	1
18	3296-42	Nut - Lock	2				
19	55-8180	Retainer - Battery	1				
20	71-8280	Bracket - Battery	2				

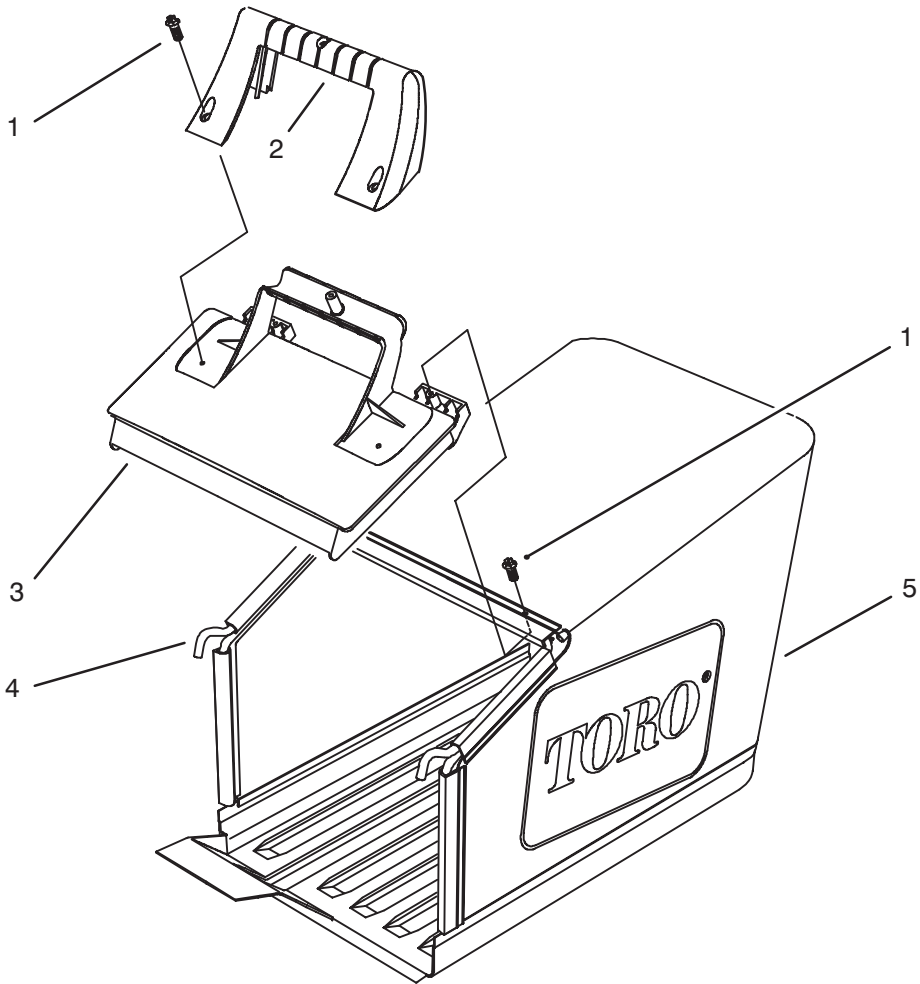
*Not Illustrated



C-2082

CONTROL ASSEMBLY

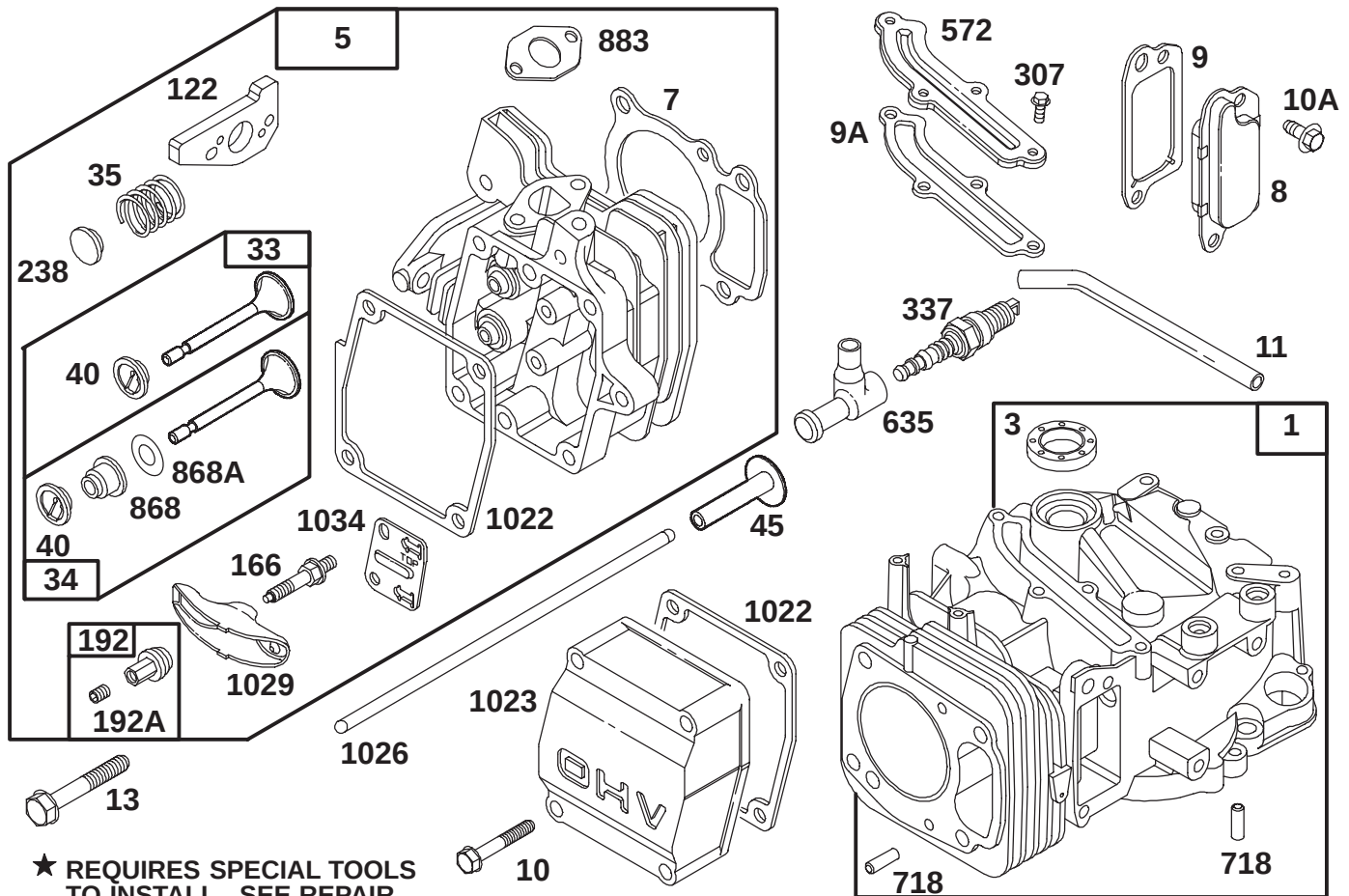
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-0335	Bail - Control SP	1	6	93-0340	Stop - Pivot	1
2	3296-2	Nut - Lock	1	7	3256-70	Washer - Flat	2
3	3256-49	Washer - Flat	1	8	92-3132	Bolt - Shoulder	1
4	92-2298	Washer - Spring	1	9	92-3133	Spacer - Traction Lever	1
5	92-2299	Lever - Shift	1	10	93-6653	Decal - Traction	1



C-1509

GRASS BAG ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144—111	Screw — Hex Washer Hd Thr'd Form	5	3	71—9470	Door — Bag	1
2	71—9480	Handle — Door	1	4	71—9900	Frame — Bag	1
				5	71—9460	Bag — Grass	1



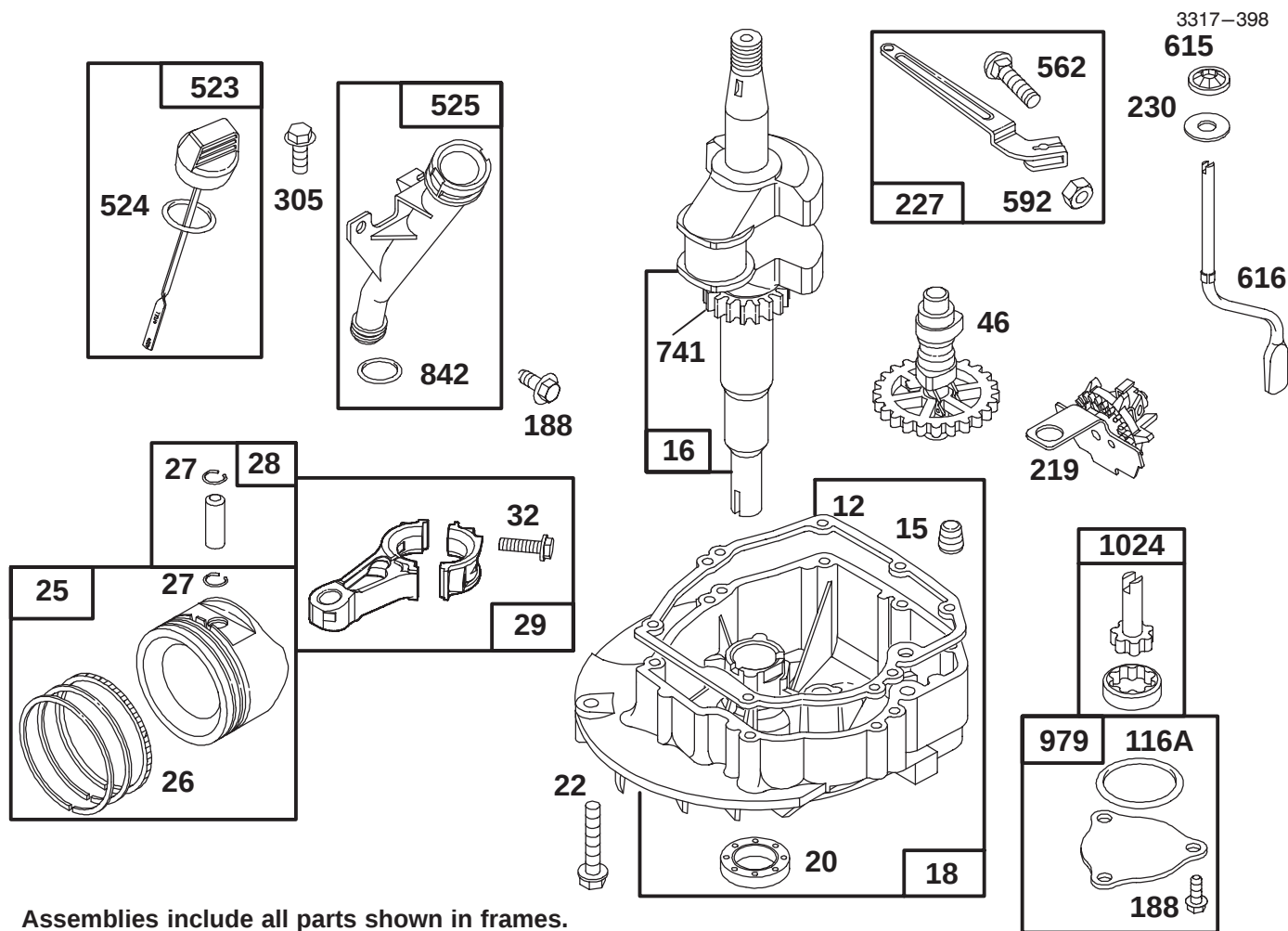
ENGINE GTS 150

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	77-9300	Breather Assy	1
★9	77-9250	Gasket-Breather	1
★9A	77-7410	Gasket-Breather	1
10	77-7360	Screw-Hex Head (valve cover)	4
10A	77-9200	Screw-Hex. Head	2
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

Ref. No.	Part No.	Description	No. Used
192	77-7910	Ball & Screw-Rocker Arm	1
192A	77-9310	Screw-Set	1
238	77-7800	Cap-Valve	1
307	77-7420	Screw-Cover Mtg (breather cover)	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
★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
	77-9020	Short Block	1

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

● Included in Carburetor Overhaul Kit-Part No. 77-8920

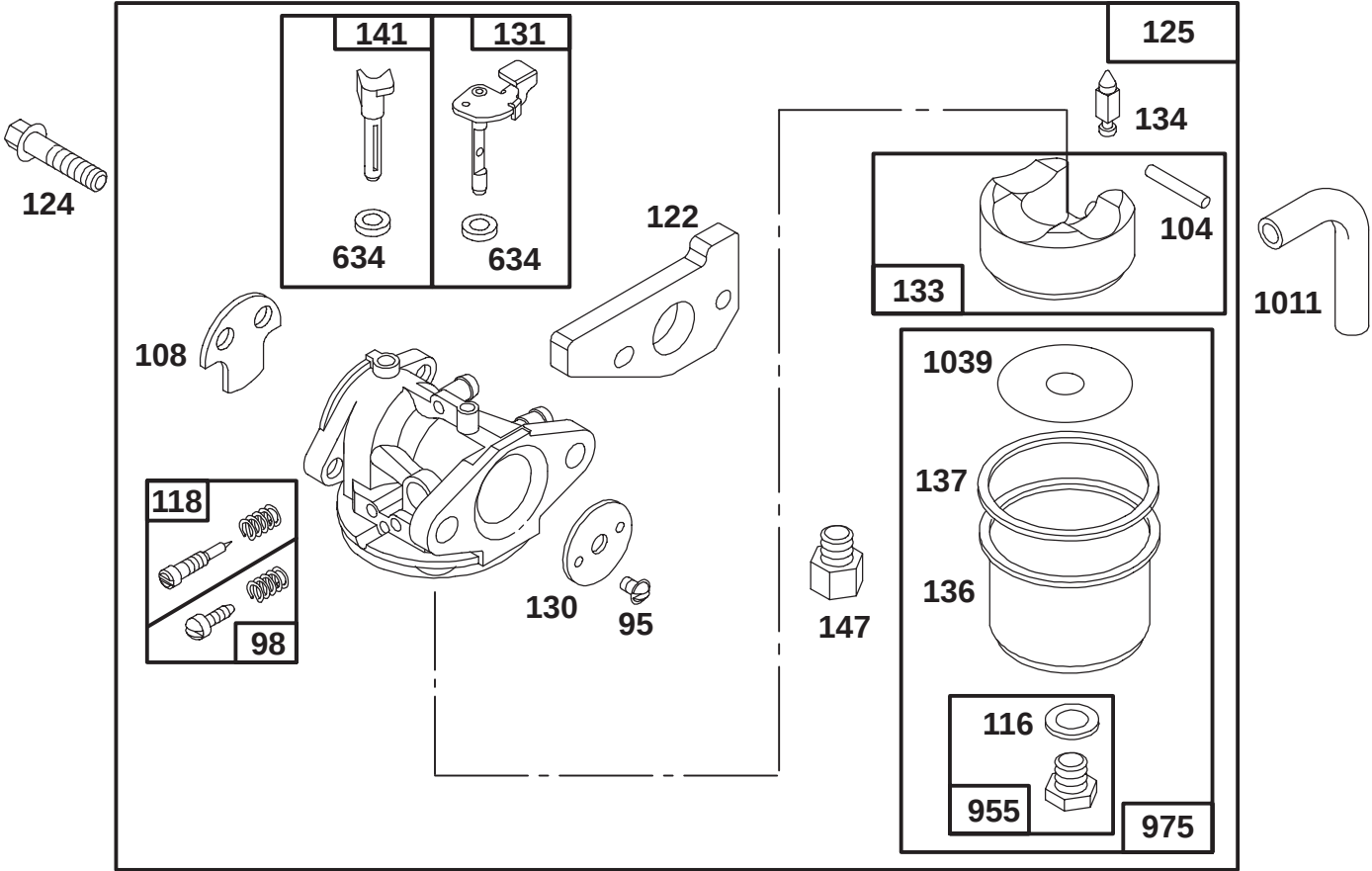


ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
★12	77-7550	Gasket-Engine Base	1
15	77-9240	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

Ref. No.	Part No.	Description	No. Used
188	77-9360	Screw-Hex Head	3
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
★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



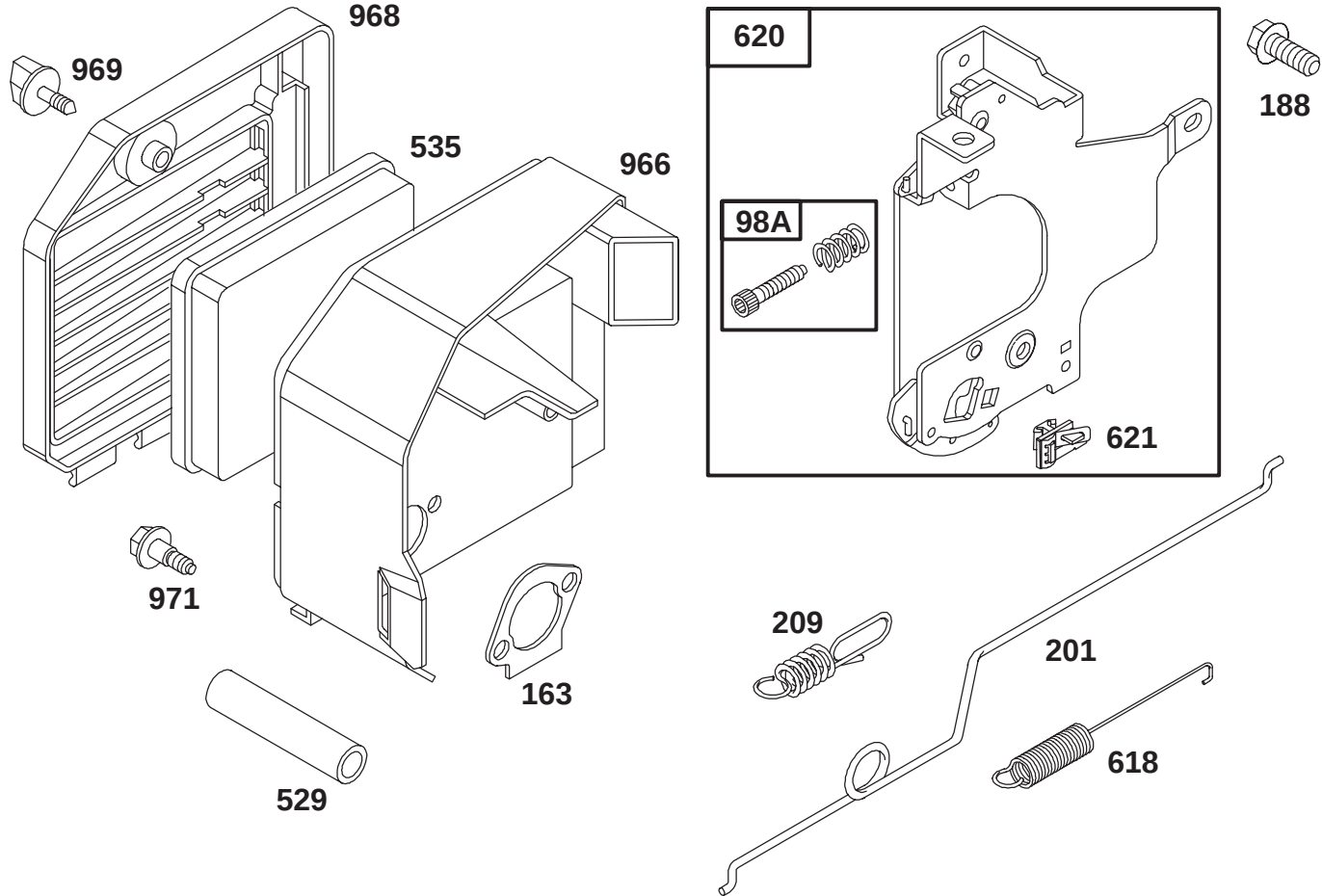
Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
95	77-8090	Screw-Valve Mtg	1	●134	77-8110	Valve-Inlet (Includes Seat)	1
98	77-8240	Screw-Idle Adj	1	136	77-7240	Bowl-Fuel	1
●104	77-8180	Pin-Float Hinge	1	●◆137	77-8200	Gasket-Float Bowl	1
108	77-8070	Valve-Choke	1	141	77-8130	Shaft-Choke	1
◆◆116	77-8210	Sealing-Gasket	1	147	77-8120	Adapter-Jet	1
●118	77-8230	Valve & Spring-Needle	1			Note: For High Altitude Jet, Order Part No. 494236.	
●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	77-8050	Carburetor Assy	1	975	77-8190	Bowl Assy-Carburetor	1
130	77-8080	Valve-Throttle	1	1011	77-8040	Tube-Vent	1
131	77-8160	Shaft-Throttle	1	●1039	77-7250	Limiter-Float	1
133	77-8170	Float-Carburetor	1				

● Incl. in Carburetor Overhaul Kit-Part No. 77-8920

◆ Incl. in Carburetor Gasket Set - Part No. 77-8930



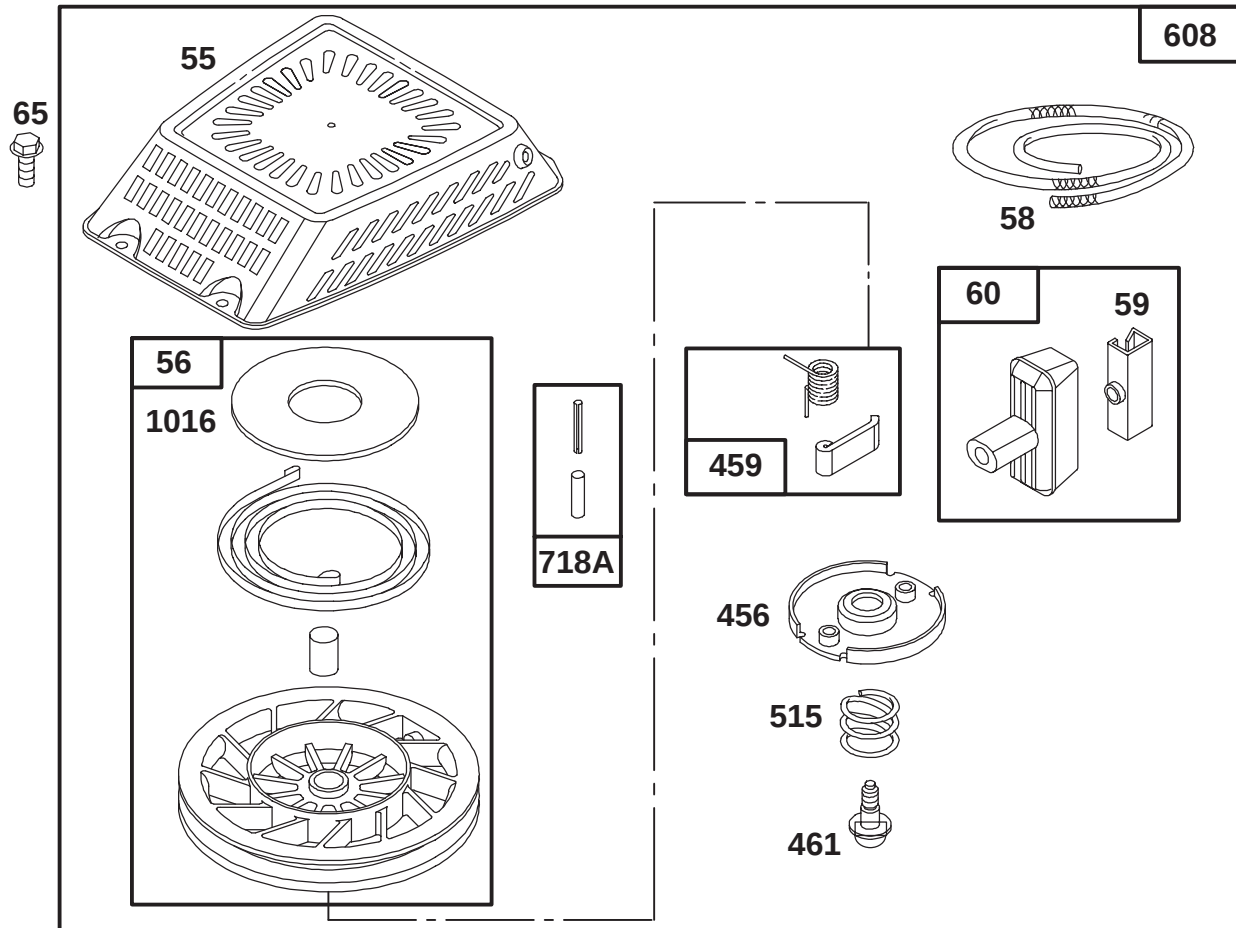
Assemblies include all parts shown in frames.

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	2
201	77-7980	Link-Governor	1
209	77-7990	Spring-Governor	1
529	77-9470	Tube-Breather	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
621	77-8010	Switch-Stop	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	1

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

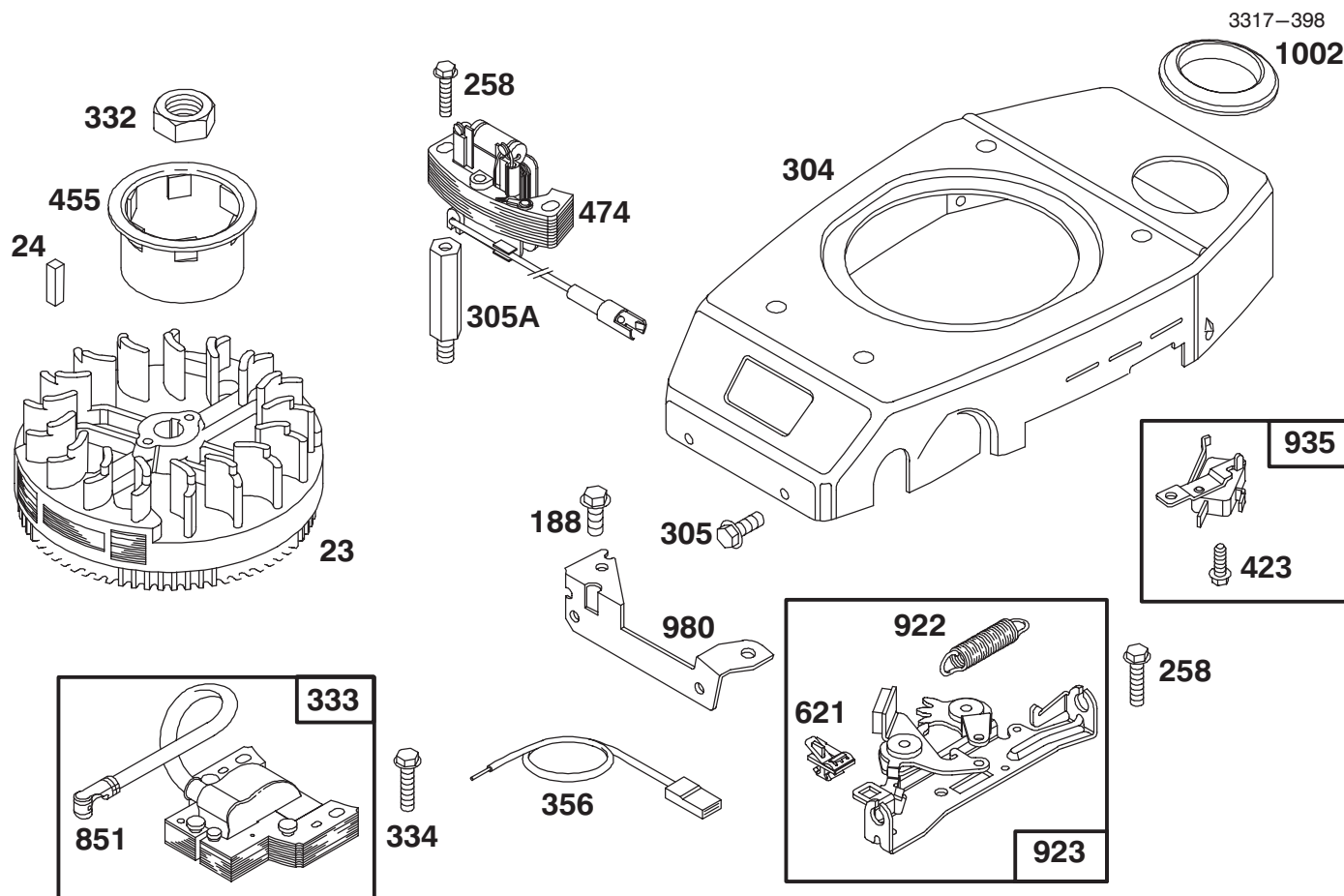


Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
55	77-8460	Housing-Rewind Starter	1
56	77-9270	Pulley-Rewind Starter	1
58	77-8480	Rope-Starter (Cut To Suit)	1
59	77-9380	Insert-Rewind Handle	1
60	77-9390	Handle-Rewind Starter	1
65	77-8300	Screw-Hex Head	1
456	77-8470	Retainer-Rewind Starter	1

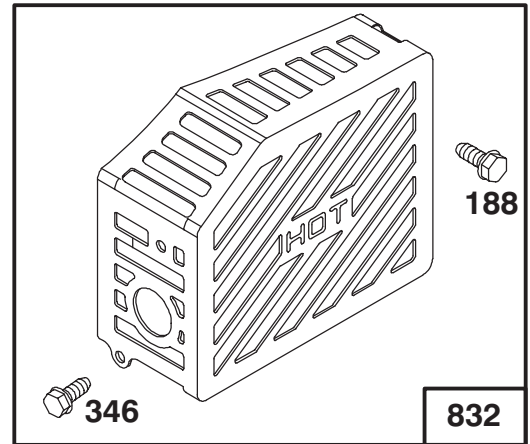
Ref. No.	Part No.	Description	No. Used
459	77-8530	Pawl-Starter	1
461	77-8490	Screw-Rewind Starter	1
515	77-8500	Spring-Torsion	1
608	77-9400	Starter Assy-Rewind	1
718A	77-8550	Pin-Spring	1
1016	77-8570	Cover-Spring	1



ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
23	77-8320	Flywheel-Magneto	1
24	77-8340	Key-Flywheel	1
188	77-9360	Screw-Hex Head	4
258	77-8870	Screw - Hex Head	1
304	77-9480	Housing-Blower	1
305	77-8310	Screw-Hex Head (bl hsg)	4
305A	77-8390	Stud	
332	77-8360	Nut-Flywheel	1
333	77-8420	Armature-Magneto	1
334	77-7420	Screw-Armature Mtg.	1
356	77-8400	Wire-Ground	1

Ref. No.	Part No.	Description	No. Used
423	77-9520	Screw - Hex Head	1
455	77-8350	Cup-Starter	1
474	77-8370	Alternator	1
621	77-8010	Switch - Stop	1
851	77-9450	Terminal-Spark Plug	1
922	77-8860	Spring - Brake	1
923	77-9460	Brake Ass'y	1
935	77-9530	Switch - Starter	1
980	77-7140	Bracket-Blower Housing	1
1002	77-7180	Grommet	1



Assemblies include all parts shown in frames.

ENGINE GTS 150

Ref. No.	Part No.	Description	No. Used
180	77-7580	Tank Ass'y – Fuel	1
182	77-7170	Bracket – Fuel Tank	1
187	77-8620	Hose – Fuel (Cut to Suit)	1
188	77-9360	Screw-Hex Head	1
300	77-8640	Muffler-Exhaust	1
346	77-9430	Screw-Hex	1
346A	77-9050	Screw-Arrester Mtg	1

Ref. No.	Part No.	Description	No. Used
601	77-8630	Clamp – Fuel Hose	1
670	77-9030	Spacer – Fuel Tank (Includes 2)	1
674	77-8600	Screw – Tank Mtg.	1
832	77-8660	Guard-Muffler	1
★883	77-7760	Gasket-Exhaust	1
994	77-9040	Arrester-Spark	1
★1041	77-8590	Seal – Foam	1

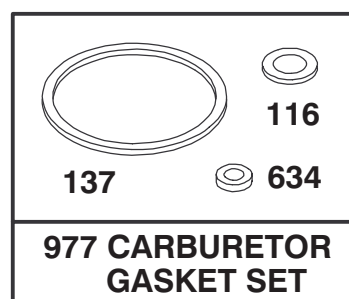
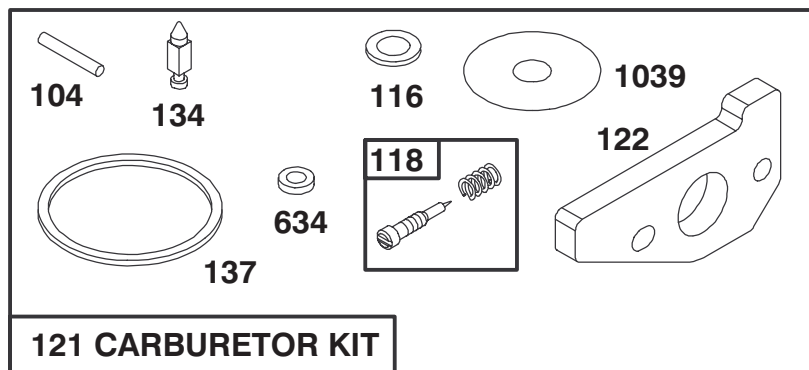
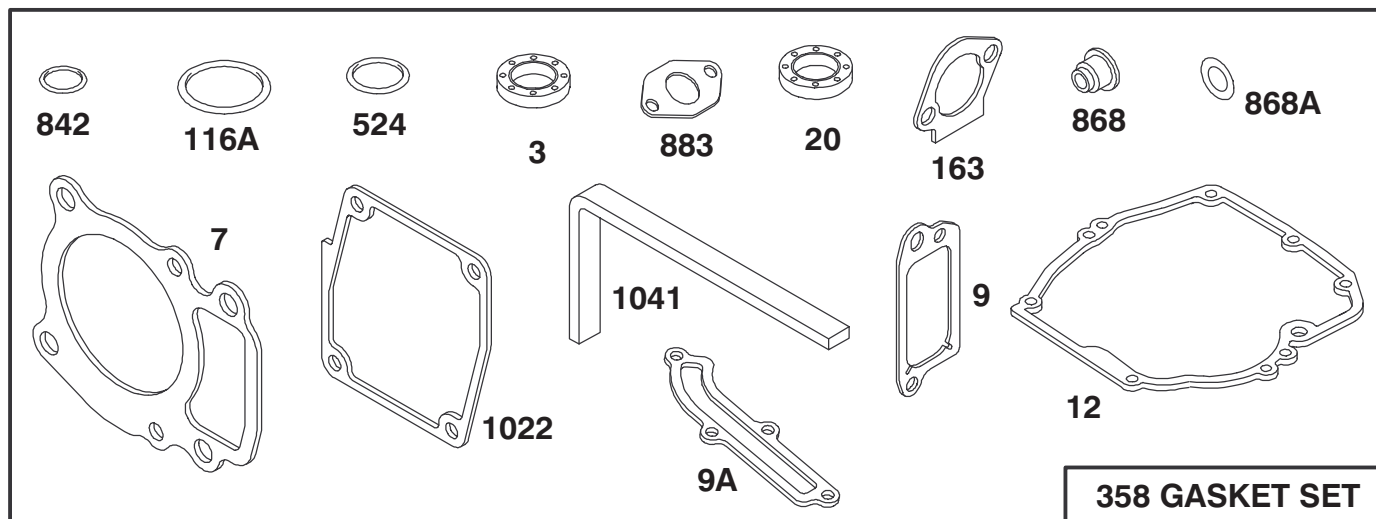
★ Included in Gasket Set—Part No. 77-8900

ENGINE GTS-150

Ref. No.	Part No.	Description	No. Used
22A	77-8720	Screw-Hex Head	1
74	77-8800	Screw-Hex Head	1
309	77-8670	Motor-Starter	1
310	77-8710	Screw-Hex Head	1
510	77-8910	Drive Kit	1
513	77-8770	Clutch Assembly	1
544	77-8730	Armature Assembly	1
548	77-8740	Washer Set	1
782	77-8810	Pinion-Starter	1

Ref. No.	Part No.	Description	No. Used
783	77-9540	Gear – Pinion	1
784	77-8780	Cover–Gear	1
785	77-8790	Gasket–Cover	1
801	77-8680	Bracket Assembly	1
802	77-8690	Head Assembly	1
803	77-8700	Shell and Magnet Ass'y	1
925	77-7200	Cover–Starter	1
937	77-8820	Spline–Starter	1
938	77-8830	Retainer–Lock	1

15



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	77-7660	Sealing-Gasket	1
★116A	77-8210	O-Ring	1
●118	77-8230	Valve & Spring-Needle	1
121	77-8920	Overhaul Kit-Carburetor	1
●122	77-7820	Adapter Assy.	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	Limiter-Float	1
★1041	77-8590	Seal - Foam	1

● Included in Carburetor Kit—Part No. 77-8920
 ◆ Incl. in Carburetor Gasket Set—Part No. 77-8930

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

TORO PART NUMBER INDEX

3317-398

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
110352	Cap - Gas	2 13 1	71-7990	Ramp - Discharge	1 22 1
614578	Gearcase	4 10 1	71-8040	Plate - Throttle	5 3 1
614596	Gear 34 Tooth	4 18 1	71-8060	Spring - Trigger Return	3 10 2
614668	Cover - Gear Case	4 2 1	71-8080	Saddle - H.O.C.	3 11 1
614696	Shaft - Intermediate	4 4 1	71-8090	Mount - Handle L.H.	5 * 1
14-9959	Wheel, Tire & Gear Assy.	3 22 2	71-8100	Mount - Handle R.H.	5 23 1
16-5989	Housing - 48cm	1 2 1	71-8130	Bracket - Control	5 21 1
16-9299	Panel - Control	5 28 1	71-8200	Bracket - Switch Ignition	5 30 1
19-4050	Knob	5 24 2	71-8280	Bracket - Battery	5 20 2
22-4710	Charger - Battery	5 * 1	71-8310	Spring - Compression	5 35 1
26-0672	Bolt - Blade	2 10 1	71-8450	Cover - Spring	3 32 1
27-6230	Bolt - Wheel	3 23 2	71-8580	Spacer - Door	1 20 2
27-6230	Bolt - Wheel	1 30 2	71-8830	Retainer - Shaft	1 24 2
27-6250	Bushing - Wheel	3 24 4	71-8920	Kicker - Right Front	1 33 1
27-6250	Bushing - Wheel	1 28 4	71-9023	Handle Assembly	5 25 1
36-4780	Washer - Thrust	4 17 3	71-9230	Kicker - Right Rear	1 35 1
36-4791	Washer	4 5 2	71-9250	Kicker - Left Rear	1 31 1
38-7820	Bearing - Ball	4 15 1	71-9260	Blade - 48cm	2 7 1
40-1940	Washer - Wheel	1 27 2	71-9440	Kicker - LeftFront	1 32 1
46-1113	Wheel & Tire Assembly	1 29 2	71-9450	V-Belt	3 34 1
46-5520	Lever - Traction	5 4 1	71-9460	Bag - Grass	7 5 1
46-5780	Switch - Starter	5 27 1	71-9470	Door - Bag	7 3 1
46-6432	Screw - Handle	5 11 1	71-9480	Handle - Door	7 2 1
46-6980	Support - Cable	5 16 1	71-9600	Gear Case Ass'y Complete	4 * 1
47-2890	Bushing - Sleeve	3 4 2	71-9600	Gearcase Assembly	3 35 1
47-6730	Seal - Grease	3 5 2	71-9610	Pulley - Half	4 12 2
48-2060	Bearing - Needle	3 14 2	71-9620	Shaft - Output	4 7 1
49-2040	Screw - Taptite	4 1 4	71-9630	Bracket - Traction	3 36 1
55-3760	Pinion - 15 Tooth	4 3 1	71-9800	Door - Discharge	1 15 1
55-7520	Battery Assembly	5 6 1	71-9840	Spring - Door	1 18 2
55-8180	Retainer - Battery	5 19 1	71-9850	Retainer Belt	3 3 1
60-8750	Bushing	4 6 2	71-9860	Decal - 48cm	1 1 1
60-8850	Bushing - Output	4 9 2	71-9900	Frame - Bag	7 4 1
60-8890	Gear - Bevel Pinion	4 16 1	71-9990	Plug - Recycler	1 36 1
62-6660	Spacer	4 11 1	74-1660	Cover - Wheel	3 21 2
62-7550	Pulley - Driver	2 12 1	74-1670	Spacer - Wheel	3 25 2
63-8360	Key - Ignition	5 33 1	77-7040	Cover-Air Cover	11 968 1
63-8590	Screw - Thread Forming	3 12 2	77-7140	Bracket-Blower Housing	13 980 1
65-2720	Ring - Retaining	3 17 4	77-7170	Bracket - Fuel Tank	14 182 1
65-4710	Washer - Friction	3 15 2	77-7180	Grommet	13 1002 1
65-4720	Spring - Compression	3 20 2	77-7200	Cover-Starter	15 925 1
65-4740	Washer - Keyed Thrust	3 16 4	77-7240	Bowl-Fuel	10 136 1
65-4750	Gear - Pinion	3 19 2	77-7250	Limiter - Float	10 1039 1
65-4760	Washer - Clutch	3 26 2	77-7250	Limiter - Float	16 1039 1
65-5210	Screw - Thread Forming	1 12 2	77-7260	Dipstick-Oil	9 523 1
66-1700	Decal - Noise Rating	1 19 1	77-7270	Seal - O-Ring	16 524 1
66-6040	Key - Rocking R.H.	3 * 1	77-7270	Seal - O-Ring	9 524 1
66-6050	Key - Rocking L.H.	3 18 1	77-7280	Tube-Oil Filler	9 525 1
71-7630	Cap - Throttle Lower	5 9 1	77-7300	Seal - O-Ring	16 842 1
71-7740	Spring - Counterbalance	3 31 1	77-7300	Seal - O-Ring	9 842 1
71-7770	Plate - Rear Securing	3 27 2	77-7320	Gasket - Rocker Cover	16 1022 1
71-7820	Pivot - Front	1 25 1	77-7320	Gasket - Rocker	8 1022 1
71-7840	Rod - Trigger	3 8 1	77-7330	Plug-Spark	8 337 1
71-7860	Grip - Upper	1 13 1	77-7340	Elbow-Spark Plug	8 635 1
71-7870	Grip - Lower	1 6 1	77-7360	Screw-Hex Head (valve cover)	8 10 4
71-7890	Guide - Belt Rear	1 21 1	77-7370	Lever Assy-Governor	9 227 1
71-7900	Cap - Hinge Bolt L.H.	1 16 1	77-7380	Bolt - Governor Lever	9 562 1
71-7910	Cap - Hinge Bolt R.H.	1 11 1	77-7390	Nut-Hex	9 592 1
71-7920	Cover - Belt	1 3 1	77-7400	Cover-Breather	8 572 1
71-7930	Trigger - H.O.C.	1 7 1	77-7410	Gasket - Breather	16 9A 1
71-7940	Retainer - Blade	2 6 1	77-7410	Gasket - Breather	8 9A 1
71-7960	Guide - Engine Belt	2 11 1	77-7420	Screw-Armature Mtg.	13 334 1
71-7970	Rod - Link	3 30 1	77-7420	Screw-Cover Mtg	8 307 1
71-7980	Indicator - H.O.C.	3 33 1	77-7460	Crank-Governor	9 616 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
77-7470	Washer	9 230 1	77-8110	Valve - Inlet	10 134 1
77-7480	Pushnut	9 615 1	77-8110	Valve - Inlet	16 134 1
77-7490	Gear-Cam	9 46 1	77-8120	Adapter-Jet	10 147 1
77-7500	Gear-Governor	9 219 1	77-8130	Shaft-Choke	10 141 1
77-7530	Gear-Timing	9 741 1	77-8140	Spring - Choke	11 618 1
77-7550	Gasket - Engine Base	16 12 1	77-8150	Washer - Seal	10 634 1
77-7550	Gasket - Engine Base	9 12 1	77-8150	Washer - Seal	16 634 1
77-7560	Base-Engine	9 18 1	77-8160	Shaft-Throttle	10 131 1
77-7570	Seal - Oil	16 20 1	77-8170	Float-Carburetor	10 133 1
77-7570	Seal - Oil	9 20 1	77-8180	Pin - Float Hinge	10 104 1
77-7580	Tank Ass'y - Fuel	14 180 1	77-8180	Pin - Float Hinge	16 104 1
77-7590	Cylinder Assy	8 1 1	77-8190	Bowl Assy-Carburetor	10 975 1
77-7600	Pin-Cylinder	8 718 1	77-8200	Gasket - Float Bowl	10 137 1
77-7610	Tappet-Valve	8 45 1	77-8200	Gasket - Float Bowl	16 137 1
77-7620	Rod-Push	8 1026 1	77-8210	O-Ring	16 116A 1
77-7630	Screw-Cylinder Head	8 13 1	77-8210	Sealing - Gasket	10 116 1
77-7640	Pump-Oil	9 1024 1	77-8220	Screw-Hex Head	10 955 1
77-7650	Cover-Oil Pump	9 979 1	77-8230	Valve & Spring - Needle	10 118 1
77-7660	O-Ring	9 116A 1	77-8230	Valve & Spring - Needle	16 118 1
77-7660	Sealing - Gasket	16 116 1	77-8240	Screw-Idle Adj	10 98 1
77-7670	Rod-Connecting	9 29 1	77-8300	Screw-Hex Head	12 65 1
77-7690	Piston Assy (Std)	9 25 1	77-8310	Screw-Hex Head	9 305 1
77-7700	Ring Set (Std)	9 26 1	77-8310	Screw-Hex Head (bl hsg)	13 305 4
77-7710	Lock-Piston Pin	9 27 1	77-8320	Flywheel-Magneto	13 23 1
77-7730	Head-Cylinder	8 5 1	77-8340	Key-Flywheel	13 24 1
77-7740	Gasket - Cylinder Head	16 7 1	77-8350	Cup-Starter	13 455 1
77-7740	Gasket - Cylinder Head	8 7 1	77-8360	Nut-Flywheel	13 332 1
77-7760	Gasket - Exhaust	8 883 1	77-8370	Alternator	13 474 1
77-7760	Gasket - Exhaust	14 883 1	77-8390	Stud	13 305A 1
77-7760	Gasket - Exhaust	16 883 1	77-8400	Wire-Ground	13 356 1
77-7770	Guide-Push Rod	8 1034 1	77-8420	Armature-Magneto	13 333 1
77-7780	Stud-Rocker Arm	8 166 1	77-8460	Housing-Rewind Starter	12 55 1
77-7790	Arm-Rocker	8 1029 1	77-8470	Retainer-Rewind Starter	12 456 1
77-7800	Cap-Valve	8 238 1	77-8480	Rope-Starter (Cut To Suit)	12 58 1
77-7810	Spring-Valve	8 35 1	77-8490	Screw-Rewind Starter	12 461 1
77-7820	Adapter Assy	10 122 1	77-8500	Spring-Torsion	12 515 1
77-7820	Adapter Assy	16 122 1	77-8530	Pawl-Starter	12 459 1
77-7820	Adapter Assy	8 122 1	77-8550	Pin-Spring	12 718A 1
77-7860	Valve-Exhaust	8 33 1	77-8570	Cover - Spring	12 1016 1
77-7870	Retainer-Spring	8 40 1	77-8590	Seal - Foam	14 1041 1
77-7880	Valve-Intake	8 34 1	77-8590	Seal - Foam	16 1041 1
77-7890	Seal Assy - Valve	8 868 1	77-8600	Screw - Tank Mtg.	14 674 1
77-7890	Seal Assy - Valve	16 868 1	77-8620	Hose - Fuel	14 187 1
77-7900	Gasket - Valve	8 868A 1	77-8630	Clamp - Fuel Hose	14 601 1
77-7900	Seal - Valve	16 868A 1	77-8640	Muffler-Exhaust	14 300 1
77-7910	Ball & Screw-Rocker Arm	8 192 1	77-8660	Guard-Muffler	14 832 1
77-7920	Screw-Air Cleaner	11 969 1	77-8670	Motor-Starter	15 309 1
77-7930	Screw-Air Cleaner	11 971 1	77-8680	Bracket Assembly	15 801 1
77-7940	Base Air Cleaner	11 966 1	77-8690	Head Assembly	15 802 1
77-7950	Element-Filter	11 535 1	77-8700	Shell and Magnet	15 803
77-7960	Gasket - Air Cleaner	11 163 1	77-8710	Screw-Hex Head	15 310 1
77-7960	Gasket - Air Cleaner	16 163 1	77-8720	Screw-Hex Head	15 22A 1
77-7970	Screw-Hex Head	10 124 1	77-8730	Armature Assembly	15 544 1
77-7980	Link-Governor	11 201 1	77-8740	Washer Set	15 548 1
77-7990	Spring-Governor	11 209 1	77-8770	Clutch Assembly	15 513 1
77-8000	Bracket-Carburetor	11 620 1	77-8780	Cover-Gear	15 784 1
77-8010	Switch - Stop	13 621 1	77-8790	Gasket-Cover	15 785 1
77-8010	Switch-Stop	11 621 1	77-8800	Screw-Hex Head	15 74 1
77-8020	Screw Assy-Speed Adj	11 98A 1	77-8810	Pinion-Starter	15 782 1
77-8040	Tube - Vent	10 1011 1	77-8820	Spline-Starter	15 937 1
77-8050	Carburetor Assy	10 125 1	77-8830	Retainer-Lock	15 938 1
77-8070	Valve-Choke	10 108 1	77-8860	Spring - Brake	13 922 1
77-8080	Valve-Throttle	10 130 1	77-8870	Screw - Hex Head	13 258 1
77-8090	Screw-Valve Mtg	10 95 1	77-8900	Gasket Set	16 358 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3317-398

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
77-8910	Drive Kit	15 510 1	92-9680	Rear Pivot Assembly R.H.	3 1 1
77-8920	Overhaul Kit—Carburetor	16 121 1	93-0335	Bail — Control SP	6 1 1
77-8930	Carburetor Gasket Set	16 977 1	93-0339	Cover — Throttle Lower	5 8 1
77-8952	Engine — Complete	2 1 1	93-0340	Stop — Pivot	6 6 1
77-9020	Short Block	8 1 1	93-1115	Control — Throttle	5 2 1
77-9030	Spacer — Fuel Tank	14 670 1	93-1116	Cable — Brake	5 13 1
77-9040	Arrester—Spark	14 994 1	93-1119	Cable — Traction	5 12 1
77-9050	Screw—Arrester Mtg	14 346A 1	93-3772	Guide — Rope	5 22 1
77-9060	Seal — Oil	16 3 1	93-4105	Decal — Danger	1 4 1
77-9060	Seal — Oil	8 3 1	93-4355	Decal — Recoil	2 3 1
77-9070	Screw—Engine Base	9 22 1	93-6651	Decal — Instruction	5 1 1
77-9200	Screw—Hex. Head	8 10A 2	93-6653	Decal — Traction	6 10 1
77-9240	Plug—Pipe	9 15 1	93-6668	Decal — Battery	5 34 1
77-9250	Gasket — Breather	16 9 1	93-7175	Decal — Panel Key	5 29 1
77-9250	Gasket — Breather	8 9 1	218-461	Nut — Hex	5 32 1
77-9270	Pulley—Rewind Starter	12 56 1	2210-249	Clamp — Casing	2 14 1
77-9300	Breather Assy	8 8 1	2210-316	Stop — Rope	2 17 1
77-9310	Screw—Set	8 192A 1	302-26	Fitting — Grease	3 2 2
77-9320	Cover—Valve	8 1023 1	321-52	Screw — Hex Hd. Cap	5 26 1
77-9330	Crankshaft	9 16 1	322-29	Screw — Cap Hex. Hd.	1 17 2
77-9340	Pin Assy—Piston	9 28 1	3253-22	Washer — Lock	2 9 1
77-9350	Screw—Connecting Rod	9 32 1	3254-5	Washer — Lock	5 31 1
77-9360	Screw—Hex Head	111 88 2	3256-22	Washer — Flat	5 17 1
77-9360	Screw—Hex Head	13 188 4	3256-24	Washer	4 13 1
77-9360	Screw—Hex Head	14 188 1	3256-49	Washer — Flat	6 3 1
77-9360	Screw—Hex Head	9 188 3	3256-70	Washer — Flat	6 7 2
77-9380	Insert—Rewind Handle	12 59 1	3284-5	Pin — Roll	1 8 1
77-9390	Handle—Rewind Starter	12 60 1	3290-378	Tie — Cable	5 15 3
77-9400	Starter Assy—Rewind	12 608 1	3296-2	Nut — Lock	6 2 1
77-9410	Tube—Breather	8 11 1	3296-5	Nut	4 14 1
77-9430	Screw—Hex	14 346 1	3296-5	Nut — Lock	3 7 2
77-9450	Terminal—Spark Plug	13 851 1	3296-5	Nut — Lock	1 26 2
77-9460	Brake Ass'y	13 923 1	3296-42	Nut — Lock	5 18 2
77-9470	Tube—Breather	11 529 1	32112-11	Nut — Push	1 23 1
77-9480	Housing—Blower	13 304 1	32112-13	Nut — Push	3 13 1
77-9520	Screw — Hex Head	13 423 1	32121-63	Pin — Spirol	4 8 2
77-9530	Switch — Starter	13 935 1	32144-4	Screw — Thread Forming	2 5 2
77-9540	Gear — Pinion	15 783 1	32144-4	Screw — Thread Forming	1 10 10
77-9550	Cover — Brake	2 18 1	32144-4	Screw — Thread Forming	3 28 6
80-0510	Stiffener — Blade	2 16 1	32144-31	Screw — Thread Forming	3 9 1
80-4791	Harness — Wire	5 14 1	32144-70	Screw — Hex. Flange Hd.	1 5 1
86-7990	Screw — Clamp	2 15 1	32144-97	Screw — Phillips Pan Hd.	5 7 9
92-2289	Plate — Toro Logo	2 2 1	32144-97	Screw — Thread Forming	1 14 2
92-2298	Washer — Spring	6 4 1	32144-98	Screw — Phillips Pan Hd.	5 5 4
92-2299	Lever — Shift	6 5 1	32144-99	Screw — Phillips Pan Hd.	5 10 2
92-3132	Bolt — Shoulder	6 8 1	32144-102	Screw — Thread Forming	2 4 3
92-3133	Spacer — Traction Lever	6 9 1	32144-111	Screw — Hex Washer Hd	7 1 5
92-7663	Cover — Wheel	3 37 1	32144-111	Screw — Pan Head	1 34 8
92-9677	Rear Pivot Assembly L.H.	3 6 1	32151-93	Ring — Grip	3 29 1

*Not Illustrated

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

[illegible]