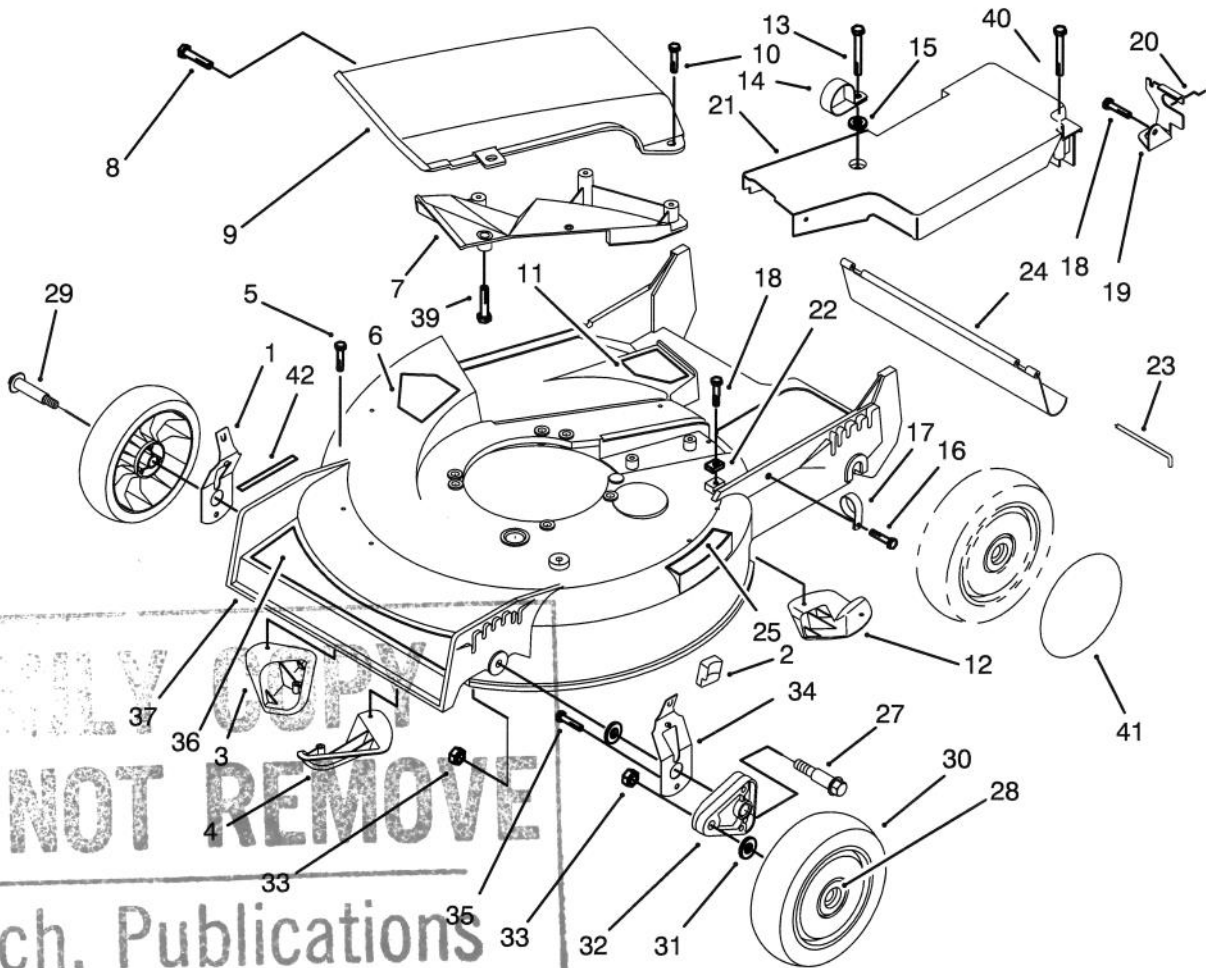




MODEL NO. 20439-390001 & UP

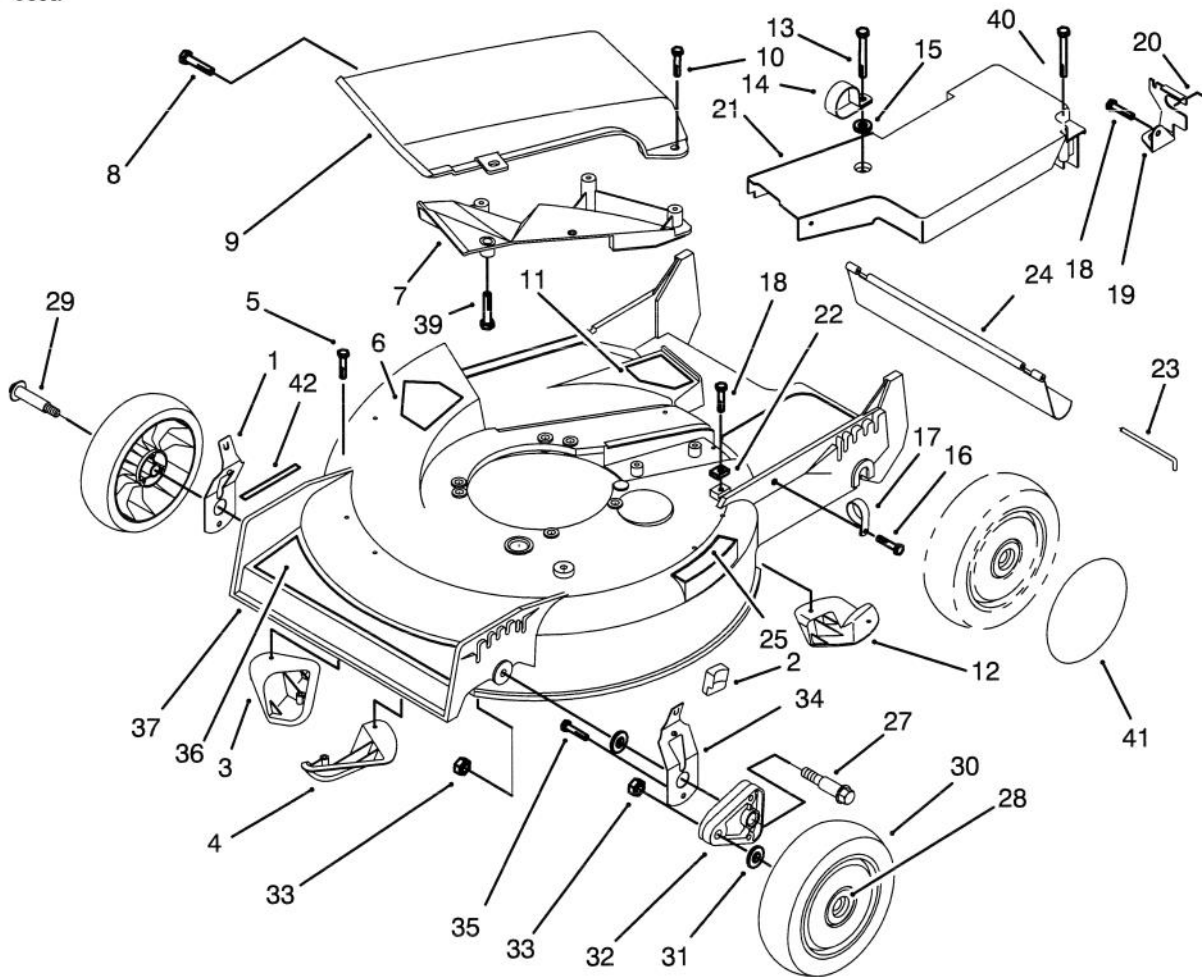
PARTS
CATALOG21" RECYCLER[®]
Mower

C-1417

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-0561	Spring Arm Ass'y R.H.	1
2	25-7740	Knob - Arm	2
3	92-1720	Plate - Kicker Right Front	1
4	92-1730	Plate - Kicker Left Front	1
5	32144-111	Screw - Plastite	6
6	43-8480	Decal - Danger	1
7		Deflector - Recycler	1
8	46-6810	Screw & Washer Assembly	1
9	14-4069	Recycler Cover Assembly (Incl. Ref. #7 & 39)	1
10	46-6811	Screw & Washer Assembly	3
11	82-8450	Decal - Danger	1
12	92-1750	Plate - Kicker Left Rear	1
13	37-7262	Screw - Hex Hd. Tapping	1
14	2412-87	Clamp - Cable	1
15	3-5792	Washer	1

Ref. No.	Part No.	Description	No. Used
16	32144-112	Screw - Self Tapping	1
17	2412-83	R-Clamp	1
18	32144-70	Screw - Thread Forming Hex Washer Hd.	2
19	82-5680	Bracket - Traction Adj.	1
20	46-7030	Retainer - Cable	1
21	82-9910	Cover - Belt	1
22	62-3720	Clamp - Cable	1
23	33-3208	Rod - Shield	1
24	44-0580	Shield - Trailing	1
25	46-7370	Decal - Step Pad	1
27	66-0560	Screw - Shoulder	2
28	27-6250	Bushing - Wheel	4
29	27-6232	Bolt - Wheel	2
30	14-9989	Wheel & Tire Assembly (Incl Ref. #28)	2

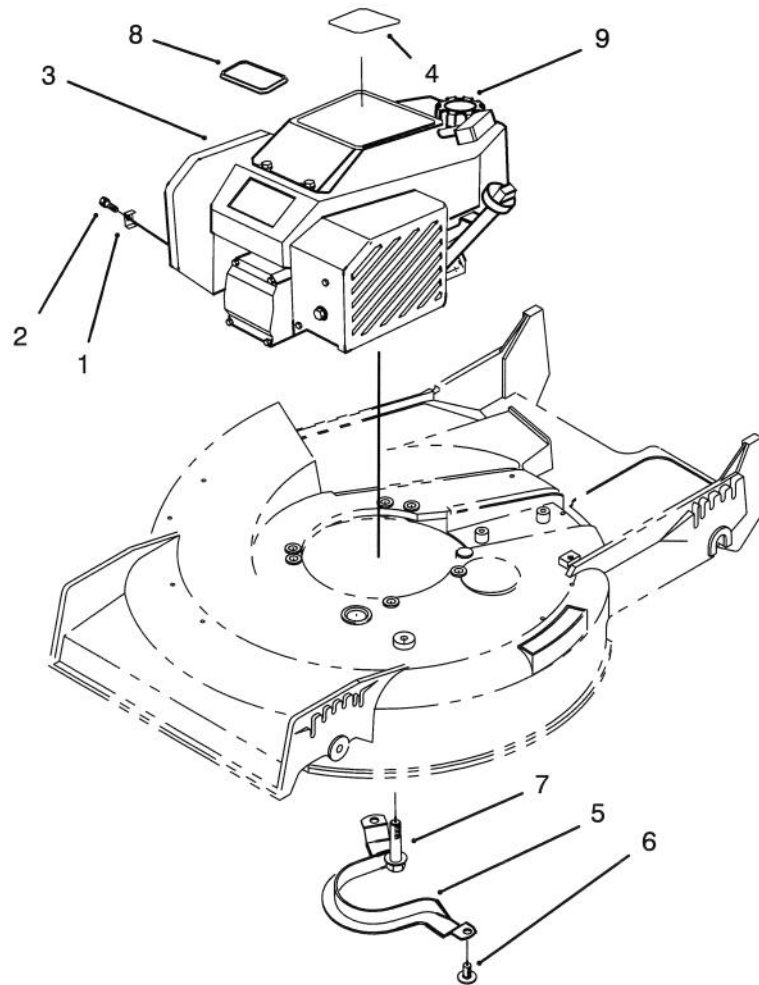


C-1417

HOUSING ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
31	40-1940	Washer - Wheel Bolt	4
32	66-0580-03	Arm - Pivot	2
33	3296-6	Nut - Lock	4
34	71-0571	Spring Arm Assembly L.H.	1
35	32144-85	Screw - Thread Forming	2
36	92-2281	Decal - Deck	1
37	16-1589	Housing Assembly (Incl. Ref. #3-6, 8, 11, 12, & 42, Pg. 1) (Incl. Ref. #5-6, Pg. 3)	1

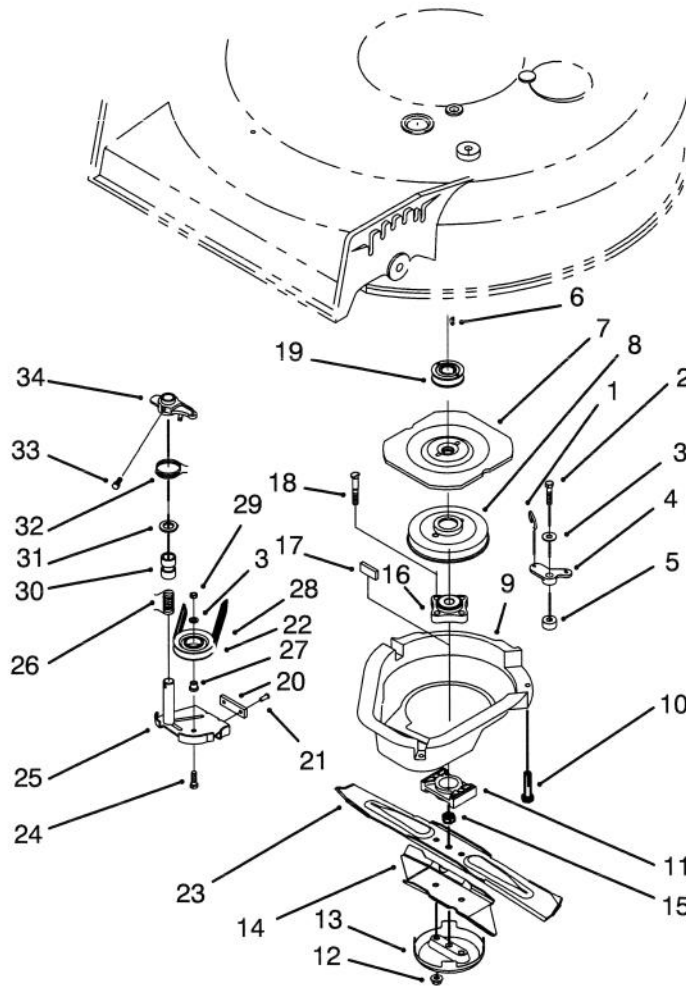
Ref. No.	Part No.	Description	No. Used
39		Screw - Plastite	5
40	37-7260	Screw - Special	1
41	91-2253	Cover - Wheel	1
42	92-2279	Decal - H.O.C.	4



C-1332

ENGINE ASSEMBLY

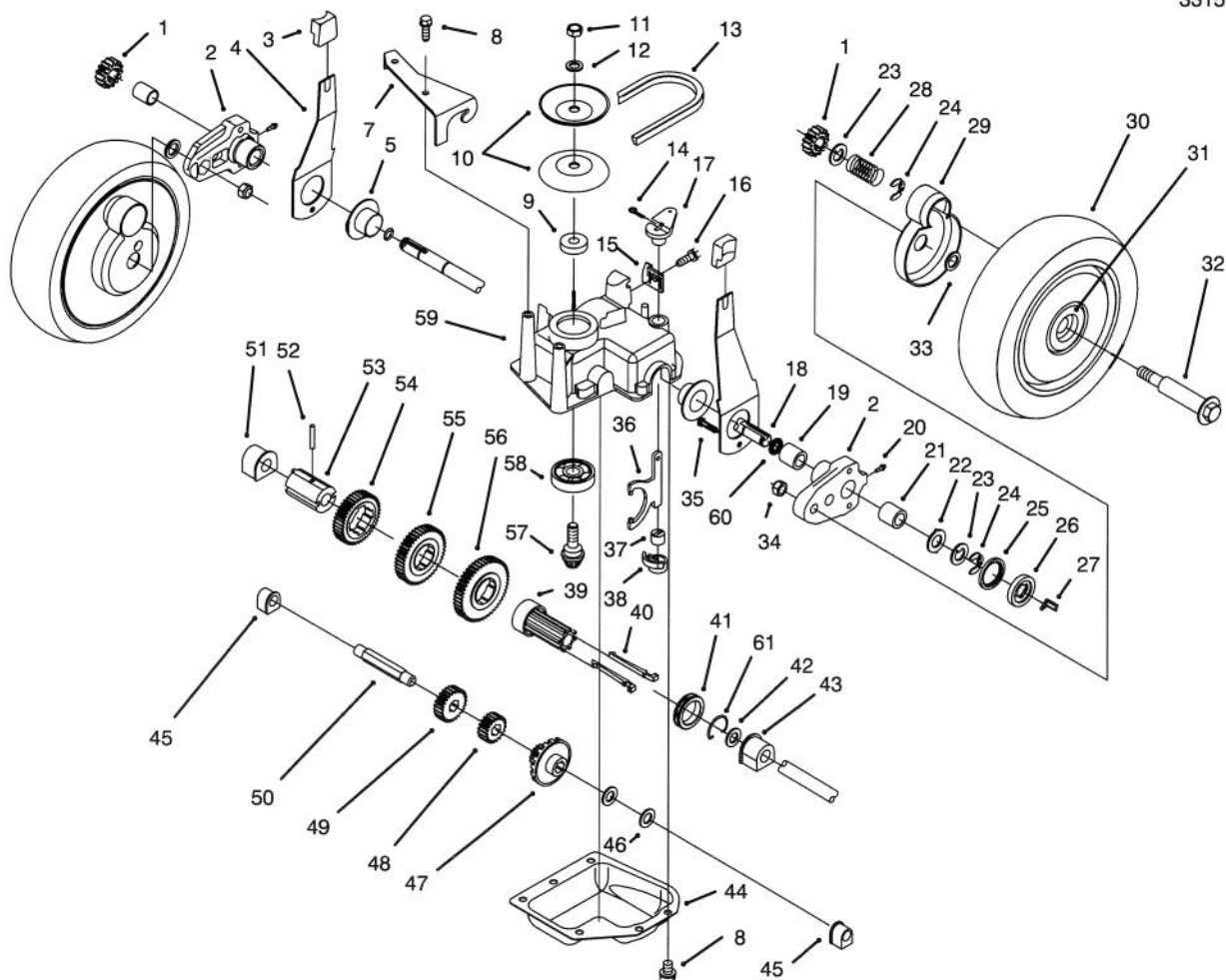
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2210-249	Clamp - Throttle	1	5	66-0570	Guide - Belt	1
2	2210-313	Screw - Clamp	1	6	46-6811	Screw - Hex Washer Hd.	2
3	77-8991	Engine (Incl. Ref. #4 & 8)	1	7	32144-102	Screw - Thread Forming	3
4	92-3147	Decal - Recoil	1	8	92-2289	Plate - Toro	1
				9	55-3570	Gas Cap Assembly	1



C-1336

BLADE BRAKE CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	49-2810	Link - Control	1	18	42-3190	Bolt - Blade	2
2	32104-107	Screw - Self Tap Hex Hd.	1	19	62-7560	Pulley Driver	1
3	3256-23	Washer - Plain	2	20		Pad - Brake	1
4	49-7960	Bell Crank	1	21	3295-23	Rivet - Semi Tubular	2
5	49-7950	Sleeve - Bell Crank	1	22	46-5650	Pulley Idler	1
6	3257-17	Key - Woodruff	1	23	14-9419	Blade - 21"	1
7	56-6160	Flywheel	1	24	322-16	Hex Hd. Capscrew	1
8	56-6170	Drum - Brake	1	25	49-7920	Brake Plate (Incl. Ref. # 20 & 21)	1
9	46-5690	Shield	1	26	46-5670	Spring - Torsion Lower	1
10	46-6811	Screw - Thread Forming Hex Washer Hd.	3	27	46-5630	Hub - Idler Pulley	1
11	62-4280	Spacer - Blade	1	28	42-0884	V-Belt	1
12	54-9190	Locknut	2	29	3296-47	Locknut	1
13	80-2770	Cup - Anti-Scalp	1	30	68-9780	Bearing	2
14	91-2255	Stiffener - Blade	1	31	70-1160	Washer - P.M.	1
15	3296-33	Locknut	1	32	49-7970	Spring - Torsion Upper	1
16	42-6890	Hub Assembly	1	33	32104-96	Screw - Self Tap Hex Hd.	1
17	52-3480	Dampener - Vibration	2	34	49-2820	Lever	1

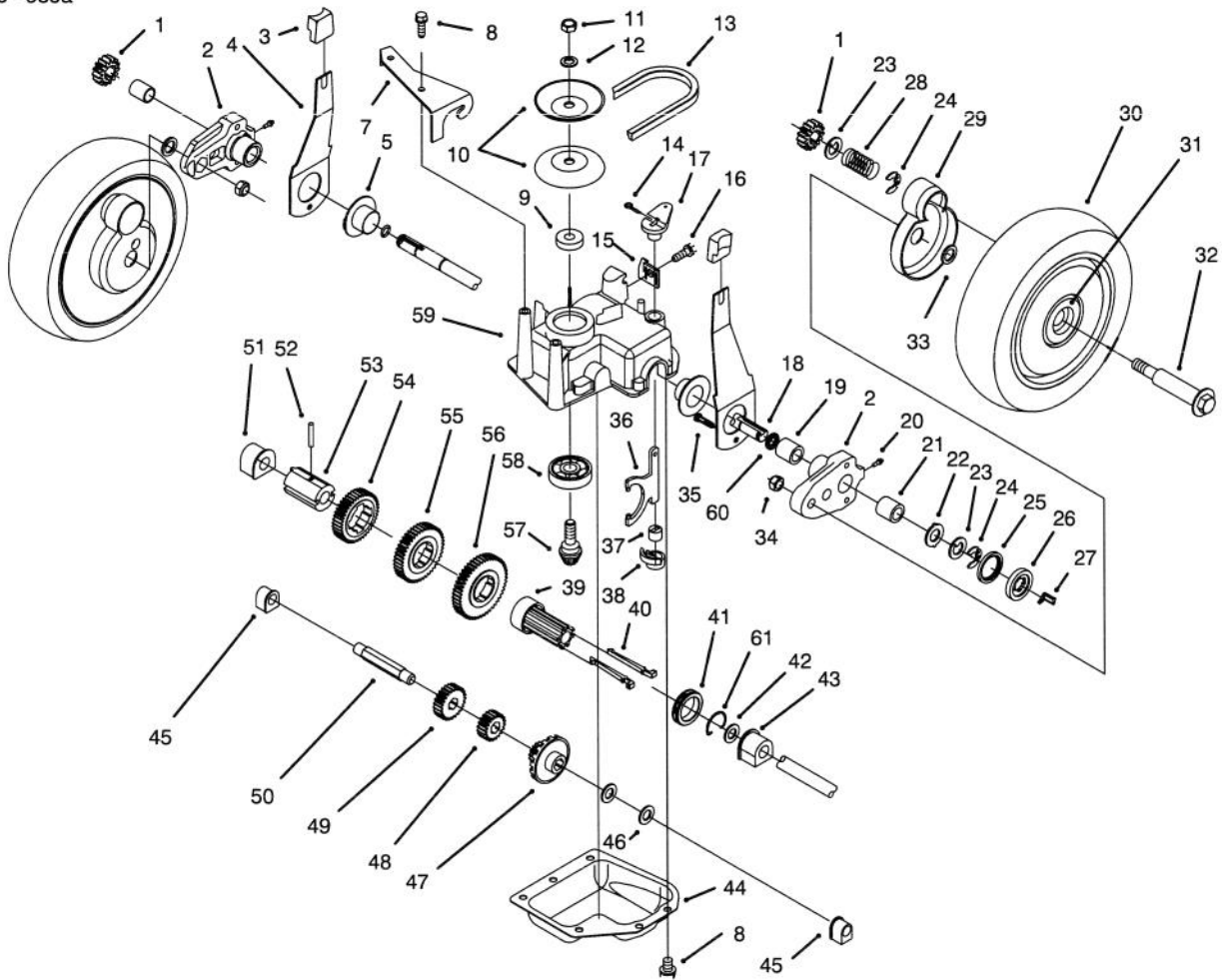


C-1333

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	65-4750	Pinion	2	26	65-4760	Washer - Clutch	2
2	63-8701-03	Pivot Arm Assembly (Incl. Ref # 19, 20, & 21)	2	27	66-6050	Key - Rocker L.H.	1
3	25-7740	Knob - Arm	2	*	66-6040	Key - Rocker R.H.	1
4	63-8721	Spring Arm Assembly	2	28	65-4720	Spring	2
5	42-3520	End Cap	2	29	74-1660	Cover - Wheel	2
7	62-4320	Bracket - Belt Guide	1	30	16-0029	Wheel - Tire & Gear Ass'y (Incl. Ref. # 31)	2
8	49-2040	Screw - Self Tapping	8	31	27-6250	Bushing - Wheel	4
9	62-6660	Spacer	1	32	27-6232	Wheel Bolt	2
10	60-8840	Pulley - Half	2	33	74-1670	Spacer - Wheel Cover	2
11	3296-5	Locknut	1	34	3296-6	Locknut	2
12	3256-24	Washer - Flat	1	35	32144-85	Screw	2
13	62-3900	V-Belt	1	36	60-8870	Yoke - Shift	1
14	3272-10	Pin - Cotter	1	37	29-9570	Bushing - Yoke	1
15	82-8780	Cable - Retainer	1	38	60-8810	Retainer - Shift Fork	1
16	32144-70	Screw - Thread Forming	1	39	76-0780	Sleeve - Shift Key	1
17	60-8821	Lever - Shift	1	40	76-0760	Key - Shift	2
18	65-4770	Shaft - Output	1	41	76-0770	Collar - Shift	1
19	70-9760	Bushing	2	42	36-4780	Washer - Thrust	1
20	302-56	Fitting - Grease	2	43	60-8770	Bushing - Output Shaft	1
21	48-2060	Needle Bearing	2	44	60-8730	Cover - Gear Case	1
22	65-4730	Thrust Washer	2	45	60-8750	Bushing - Int. Shaft	2
23	65-4740	Thrust Washer	4	46	36-4791	Washer - Thrust	2
24	65-2720	Ring - Retaining	4	47	55-3760	Gear - Pinion 15 Tooth	1
25	65-4710	Ring - Friction	2	48	55-3780	Gear - Pinion 20 Tooth	1

*Not Illustrated

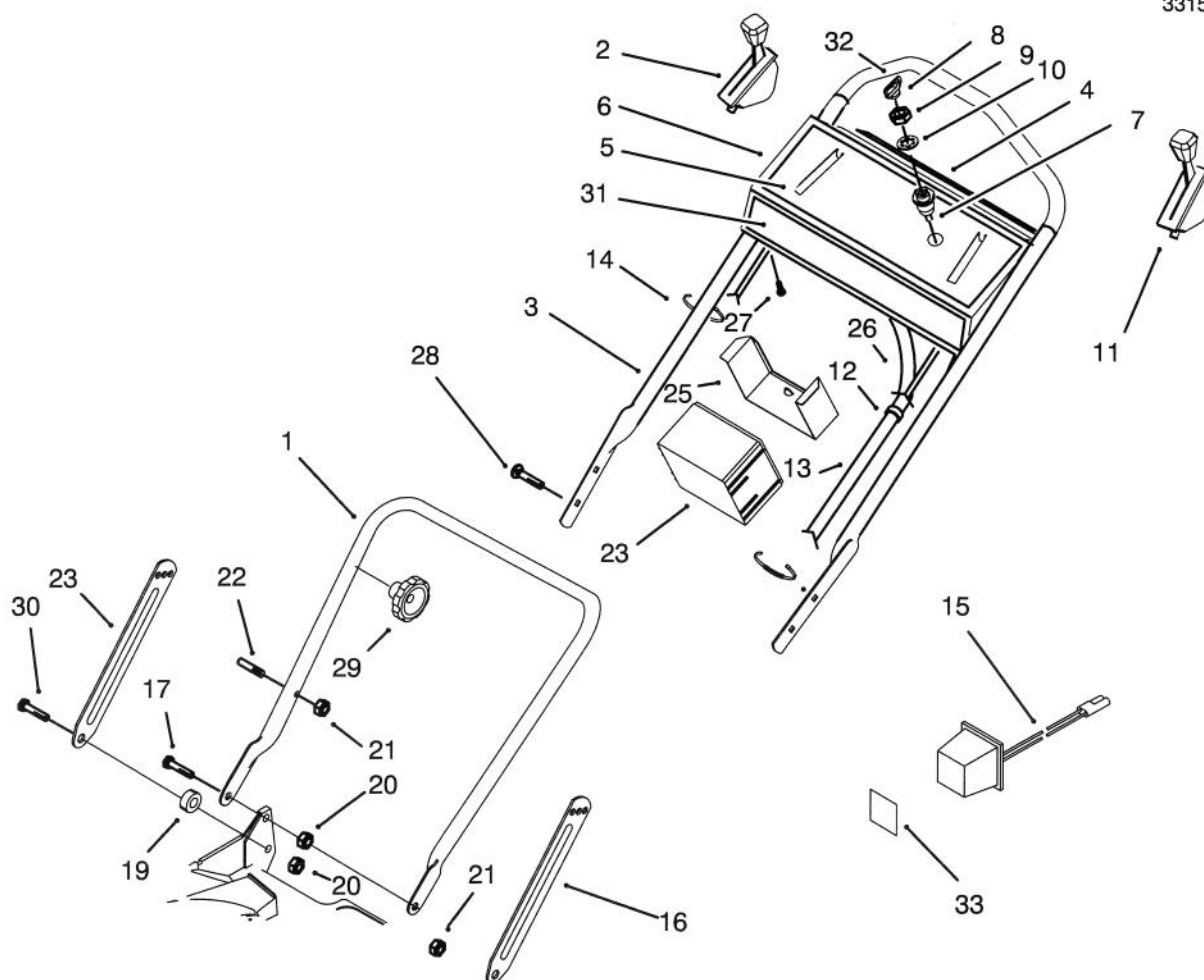


C-1333

GEAR CASE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	55-3800	Gear - Pinion	1	56	55-3770	Gear - 49 Tooth 1st Gear	1
50	60-8800	Shaft - Intermediate	1	57	60-8890	Pinion - Bevel	1
51	60-8850	Bushing - Output Shaft	1	58	38-7820	Bearing - Ball	1
52	32121-120	Pin - Coil	1	59	60-8710	Gear Case - Upper	1
53	60-8790	Sleeve - Gear	1	60	237-153	O-Ring	2
54	55-3810	Gear - 39 Tooth 3rd Gear	1	61	65-5250	Clip - Spring	1
55	55-3790	Gear - 44 Tooth 2nd Gear	1	*	62-6673	Gear Case Assembly	1

*Not Illustrated

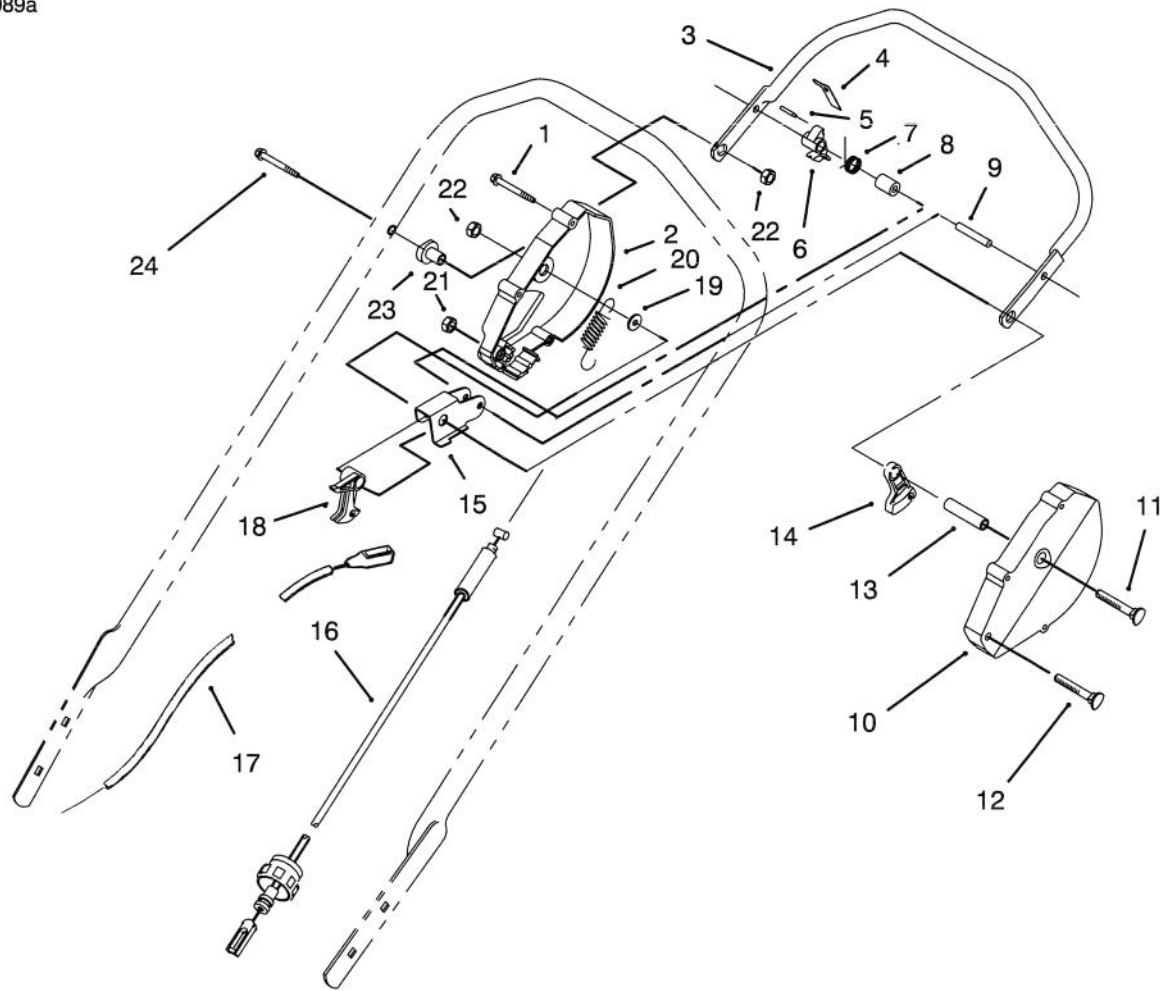


C-1428

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-5531	Handle - Lower	1	15	92-1743	Charger - Battery	1
2	76-2711	Control - Ground Speed		16	84-8361	Latch - Handle L.H.	1
3	92-2277	Handle - Upper	1	17	27-7211	Screw - Shoulder	2
4	63-9060	Decal - Danger	1	18	27-7210	Screw - Shoulder	2
5	92-2284	Decal - Instructions	1	19	3-3287	Spacer - Handle Latch	2
6	16-1659	Panel - Control (Incl. Ref. #4, 5, & 31)	1	20	3296-72	Nut - Lock	3
7	46-5780	Switch - Starter	1	21	3296-47	Nut - Lock	3
8	63-8360	Key - Ignition	1	†22	49-2750	Pin - Handle	2
9	218-461	Nut - Hex	1	23	55-7520	Battery Assembly	1
10	3254-5	Washer - Lock	1	25	55-8180	Retainer - Battery	1
11	71-8391	Control - Throttle (Bend Type #5) (Sheath Lg. 62 3/4") (Wire Lg. 2 1/16")	1	26	80-4790	Harness - Wire	1
12	2412-50	Clip - Convoluted Tubing	3	27	32144-115	Screw - Self Tap Slotted	4
13	46-6440	Cover - Control Cables	1	28	92-2260	Screw - Handle	2
14	3290-378	Tie - Cable	5	29	19-4050	Knob - Handle Release	2
				30	84-8401	Latch - Handle R.H.	1
				31	92-3146	Decal - Front Panel	1
				32	92-4086	Grip - Foam	1
				33	92-1709	Decal - Charger	1

†Service Replacement Part

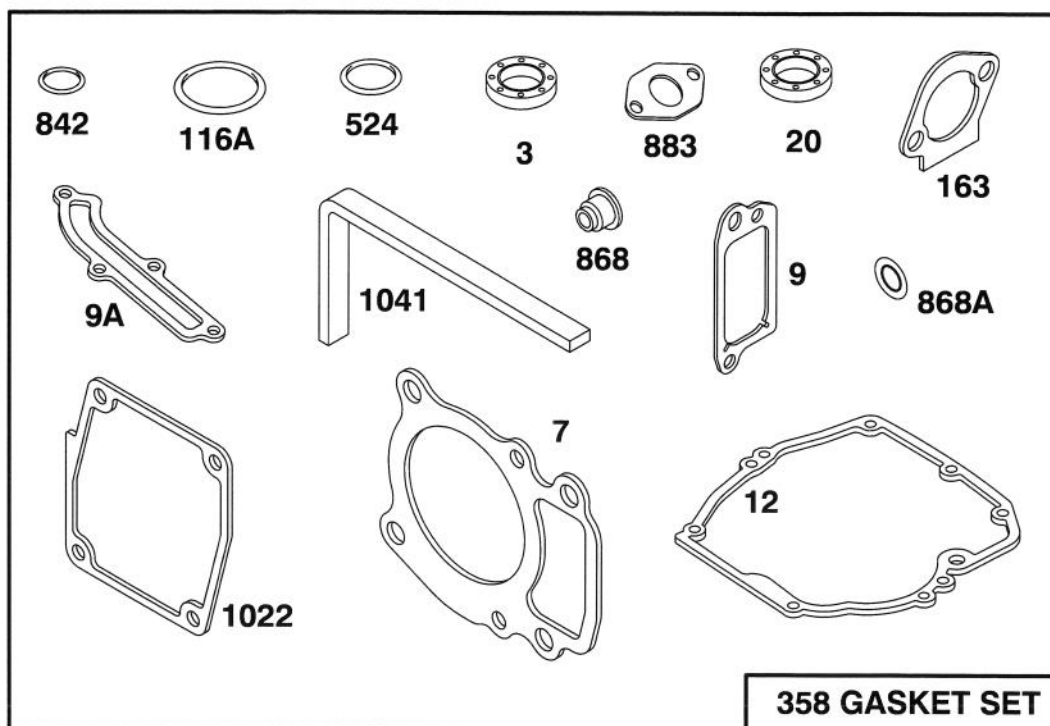


C-1429

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-7040	Screw - Thread Forming Hex Washer Hd.	3
2	12-3429	Housing - Control R.H. (Incl Ref. # 4 & 5)	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 - P.M.	1
9	32121-9	Pin - Coil	1
10	46-5460	Housing - Control L.H.	1
11	92-2261	Screw - Handle	1

Ref. No.	Part No.	Description	No. Used
12	92-2267	Screw - Handle	1
13	46-5590	Spacer	1
14	46-5520	Lever - Traction	1
15	66-0180	Rocker	1
16	46-5480	Cable - Traction	1
17	83-6600	Cable - Clutch	1
18	46-5540	Lever - Cable	1
19	66-0170	Washer - Nylon	1
20	66-0190	Spring - Detent	1
21	3296-75	Locknut	1
22	3296-74	Locknut	2
23	49-1630	Support - Spacer	1
24	92-2260	Screw - Handle	1



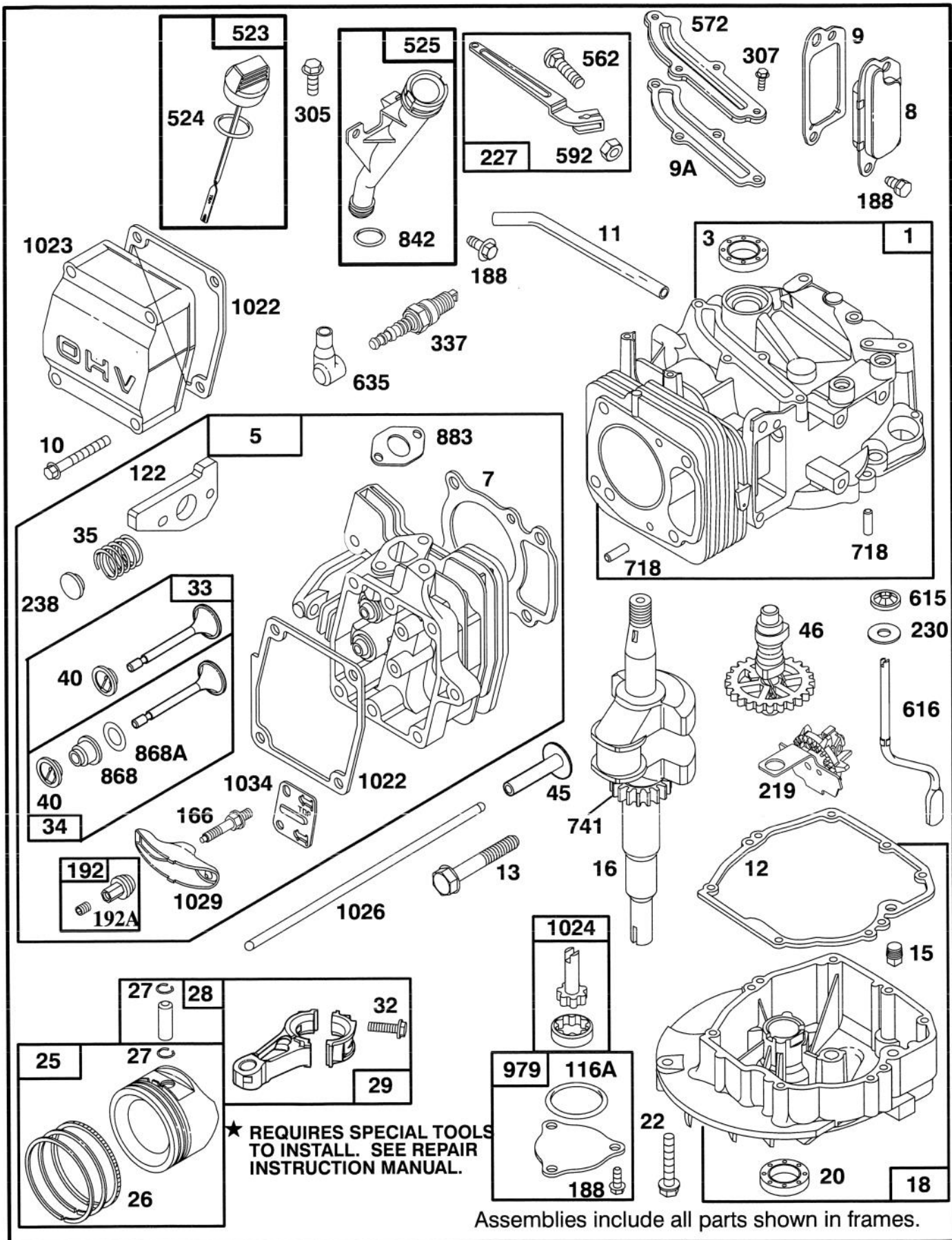
Assemblies include all parts shown in frames.

ENGINE GTS-150

Ref. No.	Part No.	Description	No. Used
3	77-9060	Seal - Oil	1
7	77-7740	Gasket - Cylinder Head	1
9	77-7440	Gasket - Valve Cover	1
9A	77-7410	Gasket - Breather	1
12	77-7550	Gasket - Engine Base	1
20	77-7570	Seal - Oil	1
116A	77-7660	Seal - O Ring	1
163	77-7960	Gasket - Air Cleaner	1
358	77-8900	Gasket Set	1

Ref. No.	Part No.	Description	No. Used
524	77-7270	Seal - Intake Elbow	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
1022	77-7320	Gasket - Rocker Cover	1
1041	77-8590	Seal - Foam	1
		GTS150 Key/BBC Engine	1
	77-9000	High Altitude Jet	1

ENGINE GTS-150



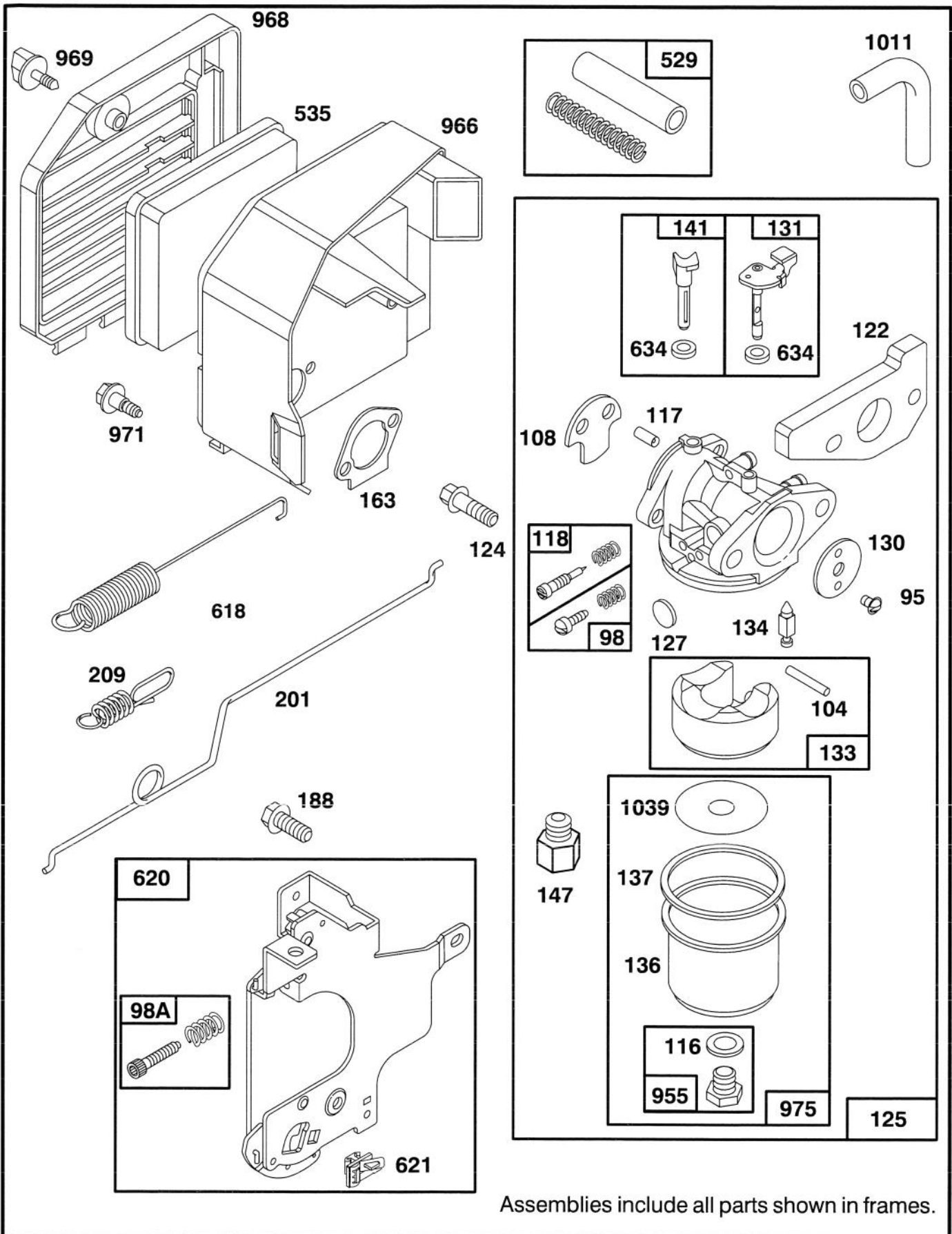
ENGINE GTS-150

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-7590	Cylinder Assy.	1	192	77-7910	Nut - Hex Special	2
*3	77-9060	Seal - Oil	1	192A	77-9090	Screw - Set	1
5	77-7730	Head - Cylinder	1	219	77-7500	Gear - Governor	1
*7	77-7740	Gasket - Cylinder Head	1	227	77-7370	Lever - Governor	1
8	77-7430	Breather Valve	1	230	77-7470	Washer - Thrust	1
*9	77-7440	Gasket - Valve Cover	1	238	77-7800	Cap - Valve	2
*9A	77-7410	Gasket - Breather	1	305	77-8310	Screw - Hex. Head	2
10	77-7360	Screw - Hex. Head (valve cover)	4	307	77-7420	Screw - Sem (Breather Cover)	4
11	77-7350	Tube - Breather	1	337	77-7330	Plug - Spark	1
*12	77-7550	Gasket - Engine Base	1	523	77-7260	Dipstick - Oil	1
13	77-7630	Screw - Cylinder Head	4	*524	77-7270	Seal - Intake Elbow	1
15	77-7580	Plug - Oil Drain	1	525	77-7290	Tube - Oil Filler	1
16	77-7510	Crankshaft	1	562	77-7380	Bolt - Governor Lever	1
		Note: Order Part No. 77-7540 For Timing Gear Key		572	77-7400	Baffle - Cylinder	1
18	77-7560	Base - Engine	1	592	77-7390	Nut - Hex.	1
*20	77-7570	Seal - Oil	1	615	77-7480	Fastener	1
22	77-9070	Screw - Engine Base Note: Order Part No. 77-9080 For Hole Nearest Breather	1	616	77-7460	Crank - Governor	1
				635	77-7340	Elbow - Spark Plug	1
25	77-7690	Piston Assy. (Std.)	1	718	77-7600	Dowel - Sleeve	2
26	77-7700	Ring Set (Std.)	1	741	77-7530	Gear - Timing	1
27	77-7710	Lock - Piston Pin	2	*842	77-7300	Seal - O Ring	1
28	77-7720	Pin - Piston (STD)	1	*868	77-7890	Seal Assy. - Valve	1
29	77-7670	Rod - Connecting	1	*868A	77-7900	Gasket - Valve	1
32	77-7680	Screw - Connecting Rod	2	*883	77-7760	Gasket - Exhaust	1
33	77-7860	Valve - Exhaust	1	979	77-7650	Cover - Oil Pump	1
34	77-7880	Valve - Intake	1	*1022	77-7320	Gasket - Rocker Cover	1
35	77-7810	Spring - Valve	2	1023	77-7060	Cover - Valve	1
40	77-7870	Retainer - Spring	2	1024	77-7640	Pump - Oil	1
45	77-7610	Tappet - Valve	2	1026	77-7620	Rod - Push	2
46	77-7490	Gear - Cam	1	1029	77-7790	Arm - VLV Rocker	2
*116A	77-7660	Seal - O Ring	1	1034	77-7770	Guide - Push Rod	1
†122	77-7820	Adapter Assy.	1		77-9280	Short Block (Incl. Ref. #1, 7, 9, 9A,, 16,18, 25, 28, 29, 45, 46, 122, 219, 230, 615, 616, 883, 979, 1022, & 1024 pg. 10) (Incl. Ref. #163 pg.12)	1
166	77-7780	Stud - Rocker Arm	2				
188	77-7450	Screw - Sem (Breather Mounting, pump cover)	5				

*Included in Gasket Set

†Included in Carburetor Overhaul Kit

ENGINE GTS-150



Assemblies include all parts shown in frames.

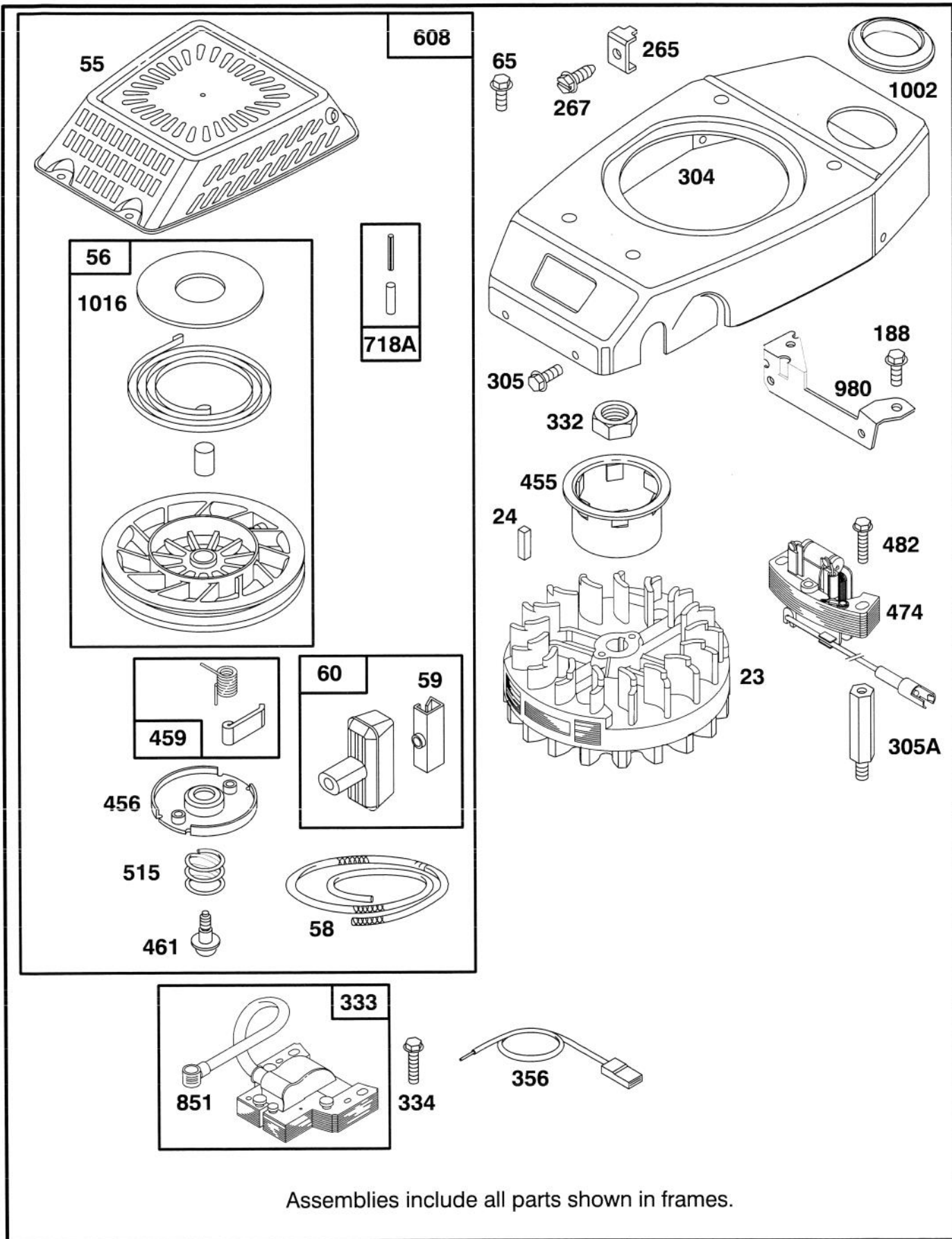
ENGINE GTS-150

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

*Included in Gasket Set

†Included in Carburetor Overhaul Kit

ENGINE GTS-150



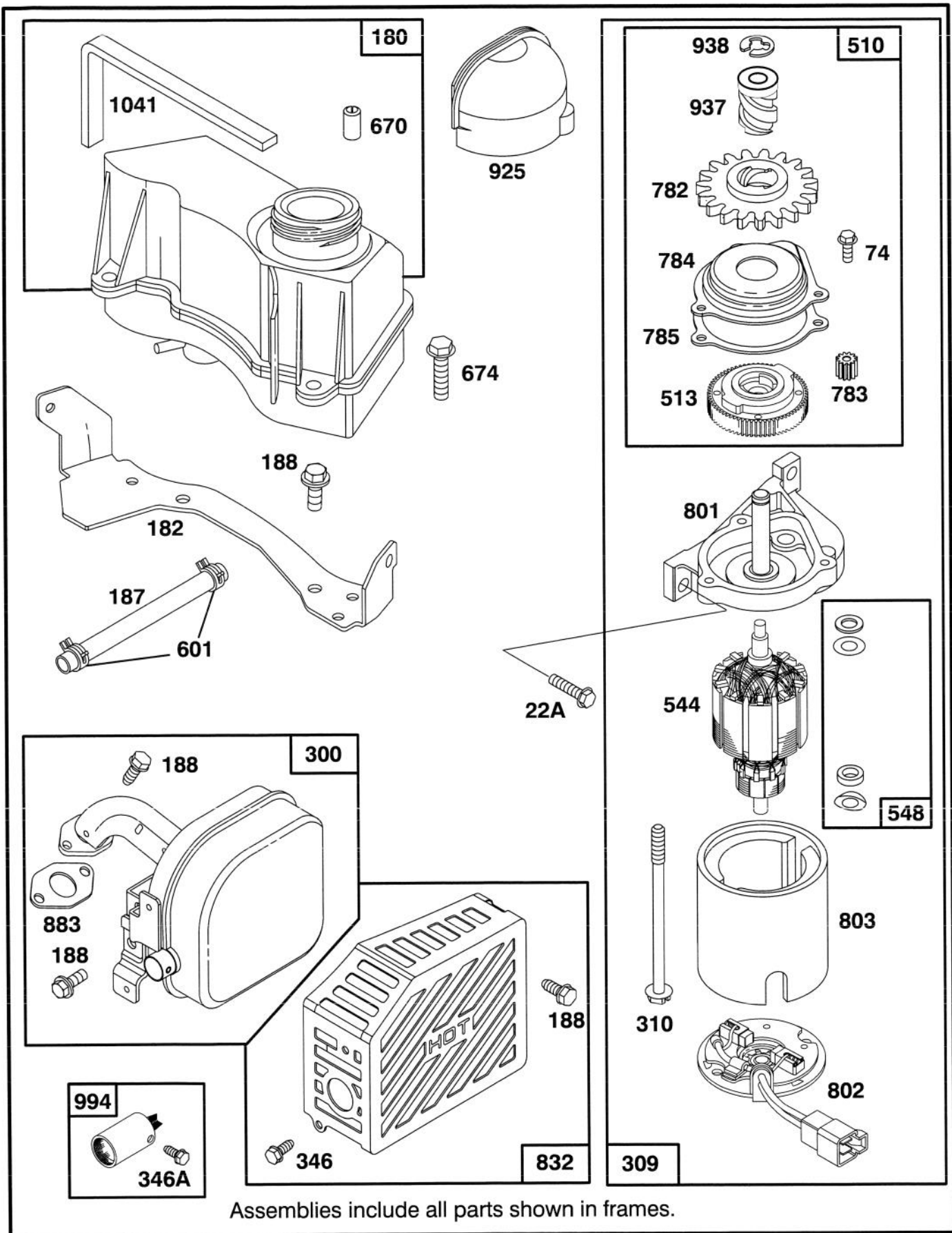
Assemblies include all parts shown in frames.

ENGINE GTS-150

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

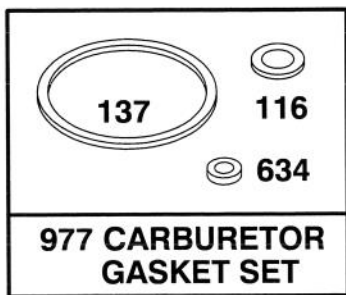
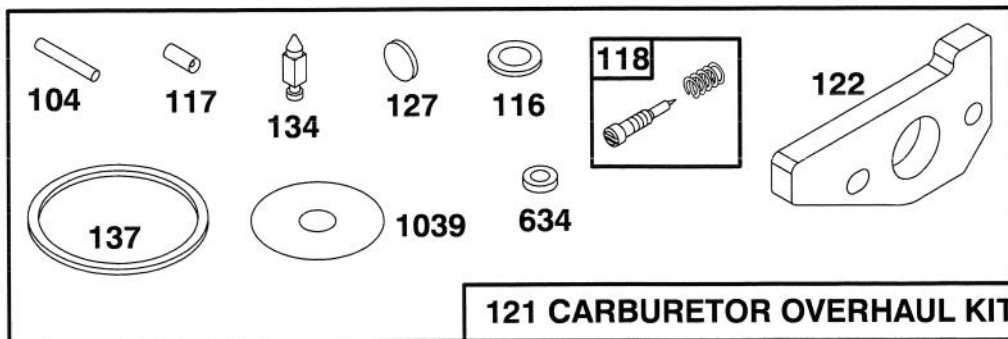


ENGINE GTS-150

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
544	77-8730	Armature Starter	1

Ref. No.	Part No.	Description	No. Used
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



Assemblies include all parts shown in frames.

ENGINE GTS-150

Ref. No.	Part No.	Description	No. Used
104	77-8180	Pin - Float Hinge	1
116	77-8210	Washer - Fuel Bowl	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

Ref. No.	Part No.	Description	No. Used
134	77-8110	Valve - Float (Includes Seat)	1
137	77-8200	Gasket - Fuel Bowl	1
634	77-8150	Washer - Seal	2
977	77-8930	Gasket Set - Carburetor	1
1039	77-7250	Limiter - Float	1

TORO PART NUMBER INDEX

3-3287	Spacer - Handle Latch	7	19	2	55-3800	Gear - Pinion	6	49	1
3-5792	Washer	1	15	1	55-3810	Gear - 39 Tooth 3rd Gear	6	54	1
12-3429	Housing - Control R.H.	8	2	1	55-7520	Battery Assembly	7	23	1
14-4069	Recycler Cover Assembly	1	9	1	55-8180	Retainer - Battery	7	25	1
14-9419	Blade - 21	4	23	1	56-6160	Flywheel	4	7	1
14-9989	Wheel & Tire Assembly	1	30	2	56-6170	Drum - Brake	4	8	1
16-0029	Wheel - Tire & Gear Ass'y	5	30	2	57-6290	Pin - Insert	8	5	1
16-1589	Housing Assembly	2	37	1	60-8710	Gear Case - Upper	6	59	1
16-1659	Panel - Control	7	6	1	60-8730	Cover - Gear Case	5	44	1
19-4050	Knob - Handle Release	7	29	2	60-8750	Bushing - Int. Shaft	5	45	2
25-7740	Knob - Arm	1	2	2	60-8770	Bushing - Output Shaft	5	43	1
25-7740	Knob - Arm	5	3	2	60-8790	Sleeve - Gear	6	53	1
27-6232	Bolt - Wheel	1	29	2	60-8800	Shaft - Intermediate	6	50	1
27-6232	Wheel Bolt	5	32	2	60-8810	Retainer - Shift Fork	5	38	1
27-6250	Bushing - Wheel	1	28	4	60-8821	Lever - Shift	5	17	1
27-6250	Bushing - Wheel	5	31	4	60-8840	Pulley - Half	5	10	2
27-7210	Screw - Shoulder	7	18	2	60-8850	Bushing - Output Shaft	6	51	1
27-7211	Screw - Shoulder	7	17	2	60-8870	Yoke - Shift	5	36	1
29-9570	Bushing - Yoke	5	37	1	60-8890	Pinion - Bevel	6	57	1
33-3208	Rod - Shield	1	23	1	62-3720	Clamp - Cable	1	22	1
36-4780	Washer - Thrust	5	42	1	62-3900	V-Belt	5	13	1
36-4791	Washer - Thrust	5	46	2	62-4280	Spacer - Blade	4	11	1
37-7260	Screw - Special	2	40	1	62-4320	Bracket - Belt Guide	5	7	1
37-7262	Screw - Hex Hd. Tapping	1	13	1	62-6660	Spacer	5	9	1
38-7820	Bearing - Ball	6	58	1	62-6673	Gear Case Assembly	6	*	1
40-1940	Washer - Wheel Bolt	2	31	4	62-7560	Pulley Driver	4	19	1
42-0884	V-Belt	4	28	1	63-8360	Key - Ignition	7	8	1
42-3190	Bolt - Blade	4	18	2	63-8701	Pivot Arm Assembly	5	2	2
42-3520	End Cap	5	5	2	63-8721	Spring Arm Assembly	5	4	2
42-6890	Hub Assembly	4	16	1	63-9060	Decal - Danger	7	4	1
43-8480	Decal - Danger	1	6	1	65-2720	Ring - Retaining	5	24	4
44-0580	Shield - Trailing	1	24	1	65-4710	Ring - Friction	5	25	2
46-5460	Housing - Control L.H.	8	10	1	65-4720	Spring	5	28	2
46-5480	Cable - Traction	8	16	1	65-4730	Thrust Washer	5	22	2
46-5510	Spring - Torsion	8	7	1	65-4740	Thrust Washer	5	23	4
46-5520	Lever - Traction	8	14	1	65-4750	Pinion	5	1	2
46-5530	Hook - Control	8	6	1	65-4760	Washer - Clutch	5	26	2
46-5540	Lever - Cable	8	18	1	65-4770	Shaft - Output	5	18	1
46-5550	Bushing - P.M.	8	8	1	65-5250	Clip - Spring	6	61	1
46-5590	Spacer	8	13	1	66-0170	Washer - Nylon	8	19	1
46-5630	Hub - Idler Pulley	4	27	1	66-0180	Rocker	8	15	1
46-5650	Pulley Idler	4	22	1	66-0190	Spring - Detent	8	20	1
46-5670	Spring - Torsion Lower	4	26	1	66-0560	Screw - Shoulder	1	27	2
46-5690	Shield	4	9	1	66-0570	Guide - Belt	3	5	1
46-5780	Switch - Starter	7	7	1	66-0580-03	Arm - Pivot	2	32	2
46-6440	Cover - Control Cables	7	13	1	66-6040	Key - Rocker R.H.	5	*	1
46-6810	Screw & Washer Assembly	1	8	1	66-6050	Key - Rocker L.H.	5	27	1
46-6811	Screw & Washer Assembly	1	10	3	68-9780	Bearing	4	30	2
46-6811	Screw - Hex Washer Hd.	3	6	2	70-1160	Washer - P.M.	4	31	1
46-6811	Screw - Thread Forming	4	10	3	70-9760	Bushing	5	19	2
46-7030	Retainer - Cable	1	20	1	71-0561	Spring Arm Ass'y R.H.	1	1	1
46-7040	Screw - Thread Forming	8	1	3	71-0571	Spring Arm Assembly L.H.	2	34	1
46-7370	Decal - Step Pad	1	25	1	71-8391	Control - Throttle	7	11	1
48-2060	Needle Bearing	5	21	2	74-1660	Cover - Wheel	5	29	2
49-1630	Support - Spacer	8	23	1	74-1670	Spacer - Wheel Cover	5	33	2
49-2040	Screw - Self Tapping	5	8	8	76-0760	Key - Shift	5	40	2
49-2750	Pin - Handle	7	22	2	76-0770	Collar - Shift	5	41	1
49-2810	Link - Control	4	1	1	76-0780	Sleeve - Shift Key	5	39	1
49-2820	Lever	4	34	1	76-2712	Control - Ground Speed	7	2	
49-7920	Brake Plate	4	25	1	77-7040	Cover - Air Cover	13	968	1
49-7950	Sleeve - Bell Crank	4	5	1	77-7060	Cover - Valve	11	1023	1
49-7960	Bell Crank	4	4	1	77-7140	Bracket - Blower Housing	15	980	1
49-7970	Spring - Torsion Upper	4	32	1	77-7170	Bracket - Fuel Tank	17	182	1
52-3480	Dampener - Vibration	4	17	2	77-7180	Grommet	15	1002	1
52-7410	Spring - Leaf	8	4	1	77-7200	Cover - Starter	17	925	1
52-7430	Control Bar Assembly	8	3	1	77-7210	Insert - Starter Grip	15	59	1
54-9190	Locknut	4	12	2	77-7240	Bowl - Fuel	13	136	1
55-3570	Gas Cap Assembly	3	9	1	77-7250	Limiter - Float	13	1039	1
55-3760	Gear - Pinion 15 Tooth	5	47	1	77-7250	Limiter - Float	18	1039	1
55-3770	Gear - 49 Tooth 1st Gear	6	56	1	77-7260	Dipstick - Oil	11	523	1
55-3780	Gear - Pinion 20 Tooth	5	48	1	77-7270	Seal - Intake Elbow	9	524	1
55-3790	Gear - 44 Tooth 2nd Gear	6	55	1	77-7270	Seal - Intake Elbow	11	*524	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No.	Qty.	Part No.	Description	Pg. Ref. No. No.	Qty.
77-7290	Tube - Oil Filler	11	525	1	77-7910	Nut - Hex Special	11 192 2
77-7300	Seal - O Ring	11	*842	1	77-7920	Screw - Air Cleaner	13 969 1
77-7300	Seal - O Ring	9	842	1	77-7930	Screw - Air Cleaner	13 971 3
77-7320	Gasket - Rocker Cover	11	*1022	1	77-7940	Base Air Cleaner	13 966 1
77-7320	Gasket - Rocker Cover	9	1022	1	77-7950	Element - Filter	13 535 1
77-7330	Plug - Spark	11	337	1	77-7960	Gasket - Air Cleaner	13 *163 1
77-7340	Elbow - Spark Plug	11	635	1	77-7960	Gasket - Air Cleaner	9 163 1
77-7350	Tube - Breather	11	11	1	77-7970	Screw - Hex Head	13 124 2
77-7360	Screw - Hex. Head	11	10	4	77-7980	Link - Governor	13 201 1
77-7370	Lever - Governor	11	227	1	77-7990	Spring - Governor	13 209 1
77-7380	Bolt - Governor Lever	11	562	1	77-8000	Bracket - Carburetor	13 620 1
77-7390	Nut - Hex.	11	592	1	77-8010	Switch - Stop	13 621 1
77-7400	Baffle - Cylinder	11	572	1	77-8020	Screw Assy - Speed Adj.	13 98A 1
77-7410	Gasket - Breather	11	*9A	1	77-8030	Tube - Breather	13 529 1
77-7410	Gasket - Breather	9	9A	1	77-8040	Tube - Vent	13 1011 1
77-7420	Screw - Sem	11	307	4	77-8050	Carburetor Assy.	13 125 1
77-7430	Breather Valve	11	8	1	77-8060	Jet - Needle Valve	13 117 1
77-7440	Gasket - Valve Cover	11	*9	1	77-8060	Jet - Needle Valve	18 117 1
77-7440	Gasket - Valve Cover	9	9	1	77-8070	Valve - Choke	13 108 1
77-7450	Screw - Hex. Head	13	188	2	77-8080	Valve - Throttle	13 130 1
77-7450	Screw - Hex. Head	15	188	2	77-8090	Screw - Round Head	13 95 1
77-7450	Screw - Hex. Head	17	188	7	77-8100	Plug - Welch	13 127 1
77-7450	Screw - Sem	11	188	5	77-8100	Plug - Welch	18 127 1
77-7460	Crank - Governor	11	616	1	77-8110	Valve - Float	13 134 1
77-7470	Washer - Thrust	11	230	1	77-8110	Valve - Float	18 134 1
77-7480	Fastener	11	615	1	77-8120	Adapter - Jet	13 147 1
77-7490	Gear - Cam	11	46	1	77-8130	Shaft - Choke	13 141 1
77-7500	Gear - Governor	11	219	1	77-8140	Spring - Return	13 618 1
77-7510	Crankshaft	11	16	1	77-8150	Washer - Seal	13 634 2
77-7530	Gear - Timing	11	741	1	77-8150	Washer - Seal	18 634 2
77-7550	Gasket - Engine Base	11	*12	1	77-8160	Shaft - Throttle	13 131 1
77-7550	Gasket - Engine Base	9	12	1	77-8170	Float - Carburetor	13 133 1
77-7560	Base - Engine	11	18	1	77-8180	Pin - Float Hinge	13 104 1
77-7570	Seal - Oil	11	*20	1	77-8180	Pin - Float Hinge	18 104 1
77-7570	Seal - Oil	9	20	1	77-8190	Bowl Assy. - Carburetor	13 975 1
77-7580	Plug - Oil Drain	11	15	1	77-8200	Gasket - Fuel Bowl	13 137 1
77-7590	Cylinder Assy.	11	1	1	77-8210	Washer - Fuel Bowl	13 116 1
77-7600	Dowel - Sleeve	11	718	2	77-8210	Washer - Fuel Bowl	18 116 1
77-7610	Tappet - Valve	11	45	2	77-8220	Screw - Hex. Head	13 955 1
77-7620	Rod - Push	11	1026	2	77-8230	Valve & Kit - Needle	13 118 1
77-7630	Screw - Cylinder Head	11	13	4	77-8230	Valve & Kit - Needle	18 118 1
77-7640	Pump - Oil	11	1024	1	77-8240	Screw - Idle Adj.	13 98 1
77-7650	Cover - Oil Pump	11	979	1	77-8250	Housing - Blower	15 304 1
77-7660	Seal - O Ring	9	116A	1	77-8280	Clamp - Casing	15 265 1
77-7660	Seal - O Ring	11	*116A	1	77-8290	Screw - Hex Head	15 267 1
77-7670	Rod - Connecting	11	29	1	77-8300	Screw - Hex. Head	15 65 4
77-7680	Screw - Connecting Rod	11	32	2	77-8310	Screw - Hex. Head	11 305 2
77-7690	Piston Assy. (Std.)	11	25	1	77-8310	Screw - Hex. Head	15 305 4
77-7700	Ring Set (Std.)	11	26	1	77-8320	Flywheel - Magneto	15 23 1
77-7710	Lock - Piston Pin	11	27	2	77-8340	Key - Flywheel	15 24 1
77-7720	Pin - Piston (STD)	11	28	1	77-8350	Cup - Starter	15 455 1
77-7730	Head - Cylinder	11	5	1	77-8360	Nut - Hexagon	15 332 1
77-7740	Gasket - Cylinder Head	11	*7	1	77-8370	Alternator	15 474 1
77-7740	Gasket - Cylinder Head	9	7	1	77-8380	Screw - Sem	15 482 2
77-7760	Gasket - Exhaust	11	*883	1	77-8390	Stud - Mtg.	15 305A 2
77-7760	Gasket - Exhaust	17	*883	1	77-8400	Wire - Ground	15 356 1
77-7760	Gasket - Exhaust	9	883	1	77-8420	Armature - Magneto	15 333 1
77-7770	Guide - Push Rod	11	1034	1	77-8430	Terminal - Spark Plug	15 851 1
77-7780	Stud - Rocker Arm	11	166	2	77-8440	Screw - Sem	15 334 2
77-7790	Arm - VLV Rocker	11	1029	2	77-8450	Starter Assy. - Rewind	15 608 1
77-7800	Cap - Valve	11	238	2	77-8460	Housing - Rewind Starter	15 55 1
77-7810	Spring - Valve	11	35	2	77-8470	Retainer - Spring	15 456 1
77-7820	Adapter Assy.	11	122	1	77-8480	Spool - Starter Rope	15 58 1
77-7820	Adapter Assy.	13	122	1	77-8490	Screw - Rewind Starter	15 461 1
77-7820	Adapter Assy.	18	122	1	77-8500	Spring - Retainer	15 515 1
77-7860	Valve - Exhaust	11	33	1	77-8510	Grip - Starter Rope	15 60 1
77-7870	Retainer - Spring	11	40	2	77-8530	Pawl & spring - Ratchet	15 459 2
77-7880	Valve - Intake	11	34	1	77-8550	Dowel - Sleeve	15 718A 1
77-7890	Seal Assy. - Valve	11	*868	1	77-8560	Pulley - Rewind Starter	15 56 1
77-7890	Seal Assy. - Valve	9	868	1	77-8570	Cover - Pulley	15 1016 1
77-7900	Gasket - Valve	11	*868A	1	77-8580	Tank Assy. - Fuel	17 180 1
77-7900	Gasket - Valve	9	868A	1	77-8590	Seal - Foam	17*1041 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-989a

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
77-8600	Screw - Tank Mtg.	17 674 2	92-2267	Screw - Handle	8 12 1
77-8620	Hose - Fuel	17 187 1	92-2277	Handle - Upper	7 3 1
77-8630	Clamp - CL Pipe	17 601 2	92-2279	Decal - H.O.C.	2 42 4
77-8640	Muffler - Exhaust	17 300 1	92-2281	Decal - Deck	2 36 1
77-8650	Screw - Self Tap	17 346 2	92-2284	Decal - Instructions	7 5 1
77-8660	Guard - Muffler	17 832 1	92-2289	Plate - Toro	3 8 1
77-8670	Motor Starter	17 309 1	92-3146	Decal - Front Panel	7 31 1
77-8680	Cap - Drive	17 801 1	92-3147	Decal - Recoil	3 4 1
77-8690	Cap - End	17 802 1	92-4086	Grip - Foam	7 32 1
77-8700	Housing - Starter	17 803 1	218-461	Nut - Hex	7 9 1
77-8710	Bolt - Thru	17 310 2	2210-249	Clamp - Throttle	3 1 1
77-8720	Screw - Carb. Mtg.	17 22A 2	2210-313	Screw - Clamp	3 2 1
77-8730	Armature Starter	17 544 1	237-153	O-Ring	6 60 2
77-8740	Washer - Starter	17 548 1	2412-50	Clip - Convoluted Tubing	7 12 3
77-8760	Gear - Pinion	17 783 1	2412-83	R-Clamp	1 17 1
77-8770	Clutch - Starter	17 513 1	2412-87	Clamp - Cable	1 14 1
77-8780	Cover - Gear	17 784 1	302-56	Fitting - Grease	5 20 2
77-8790	Gasket - Gear Cover	17 785 1	322-16	Hex Hd. Capscrew	4 24 1
77-8800	Screw - Sem	17 74 3	3254-5	Washer - Lock	7 10 1
77-8810	Gear - Starter	17 782 1	3256-23	Washer - Plain	4 3 2
77-8820	Drive - Starter	17 937 1	3256-24	Washer - Flat	5 12 1
77-8830	Retainer - Lock	17 938 1	3257-17	Key - Woodruff	4 6 1
77-8900	Gasket Set	9 358 1	3272-10	Pin - Cotter	5 14 1
77-8910	Drive - Starter	17 510 1	3290-378	Tie - Cable	7 14 5
77-8920	Overhaul Kit - Carburetor	18 121 1	3295-23	Rivet - Semi Tubular	4 21 2
77-8930	Gasket Set - Carburetor	18 977 1	3296-5	Locknut	5 11 1
77-8991	Engine	3 3 1	3296-6	Locknut	5 34 2
77-9000	High Altitude Jet	9 1 1	3296-6	Nut - Lock	2 33 4
77-9030	Spacer - Fuel Tank	17 670 1	3296-33	Locknut	4 15 1
77-9040	Arrester - Spark	17 994 1	3296-47	Locknut	4 29 1
77-9050	Screw - Arrester Mtg.	17 346A 1	3296-47	Nut - Lock	7 21 3
77-9060	Seal - Oil	11 *3 1	3296-72	Nut - Lock	7 20 3
77-9060	Seal - Oil	9 3 1	3296-75	Locknut	8 21 1
77-9070	Screw - Engine Base	11 22 1	3296-74	Locknut	8 22 2
77-9090	Screw - Set	11 192A 1	32104-96	Screw - Self Tap Hex Hd.	4 33 1
77-9290	Short Block	11 1 1	32104-107	Screw - Self Tap Hex Hd.	4 2 1
80-2770	Cup - Anti-Scalp	4 13 1	32121-9	Pin - Coil	8 9 1
80-4790	Harness - Wire	7 26 1	32121-120	Pin - Coil	6 52 1
82-5531-05	Handle - Lower	7 1 1	32144-70	Screw - Thread Forming	5 16 1
82-5680	Bracket - Traction Adj.	1 19 1	32144-70	Screw - Thread Forming	1 18 2
82-8450	Decal - Danger	1 11 1	32144-85	Screw	5 35 2
82-8780	Cable - Retainer	5 15 1	32144-85	Screw - Thread Forming	2 35 2
82-9910	Cover - Belt	1 21 1	32144-102	Screw - Thread Forming	3 7 3
83-6600	Cable - Clutch	8 17 1	32144-111	Screw - Plastite	1 5 6
84-8361	Latch - Handle L.H.	7 16 1	32144-112	Screw - Self Tapping	1 16 1
84-8401	Latch - Handle R.H.	7 30 1	32144-115	Screw - Self Tap Slotted	7 27 4
91-2253	Cover - Wheel	2 41 1			
91-2255	Stiffener - Blade	4 14 1			
92-1709	Decal - Charger	7 33 1			
92-1720	Plate - Kicker Right Front	1 3 1			
92-1730	Plate - Kicker Left Front	1 4 1			
92-1743	Charger - Battery	7 15 1			
92-1750	Plate - Kicker Left Rear	1 12 1			
92-2260	Screw - Handle	8 24 1			
92-2260	Screw - Handle	7 28 2			
92-2260	Screw - Handle	8 24 1			
92-2261	Screw - Handle	8 11 1			

OPTIONAL EQUIPMENT

- Recycler Side Discharge Kit Model No. 59189
- Wear Plate Kit Part No. 49-4080
- Recycler Bagging Kit Model No. 59174
- Dethatcher Kit Model No. 59131

*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

Date								

