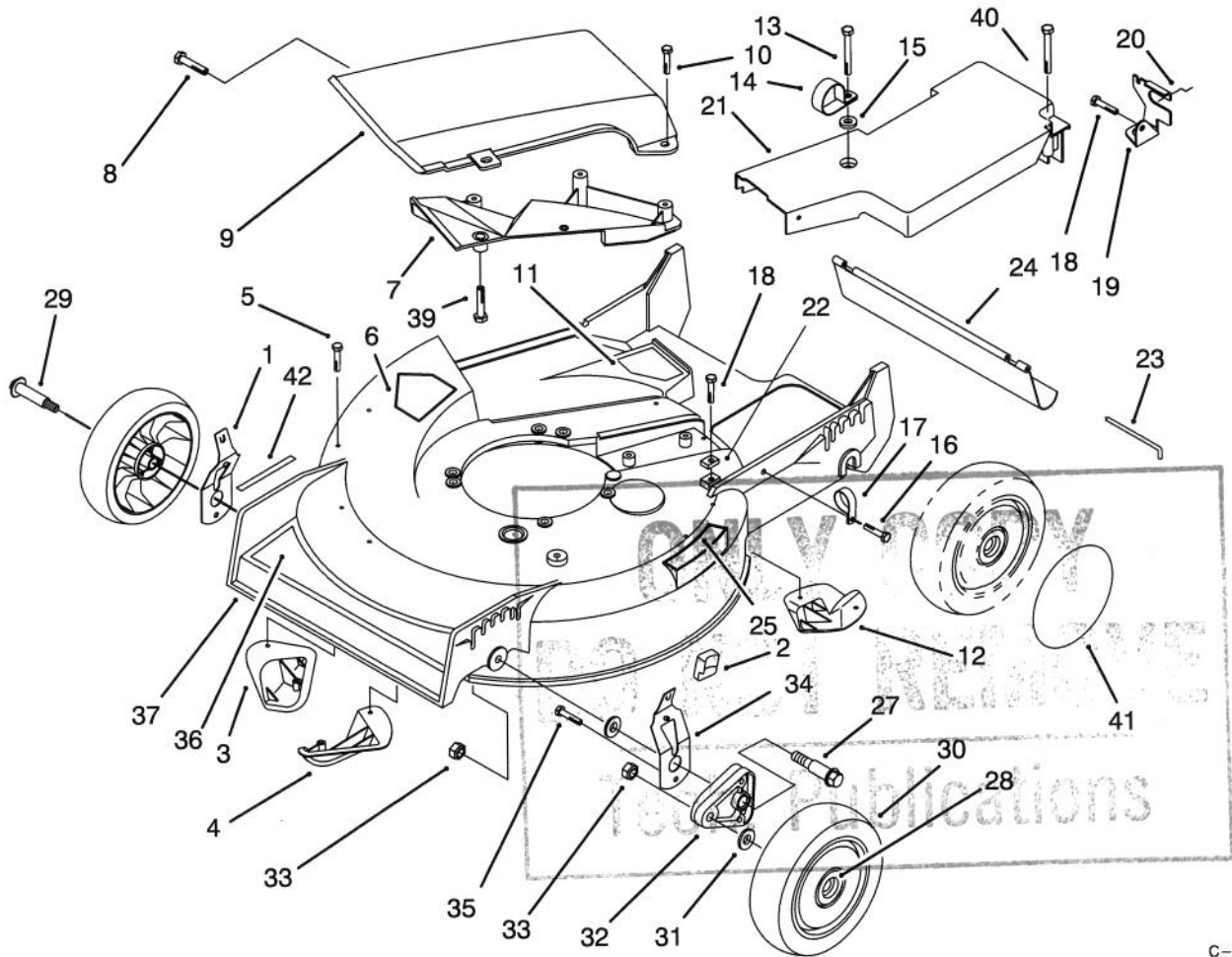




MODEL NO. 20439-490001 & UP

PARTS CATALOG

21" RECYCLER<sup>®</sup>  
Mower

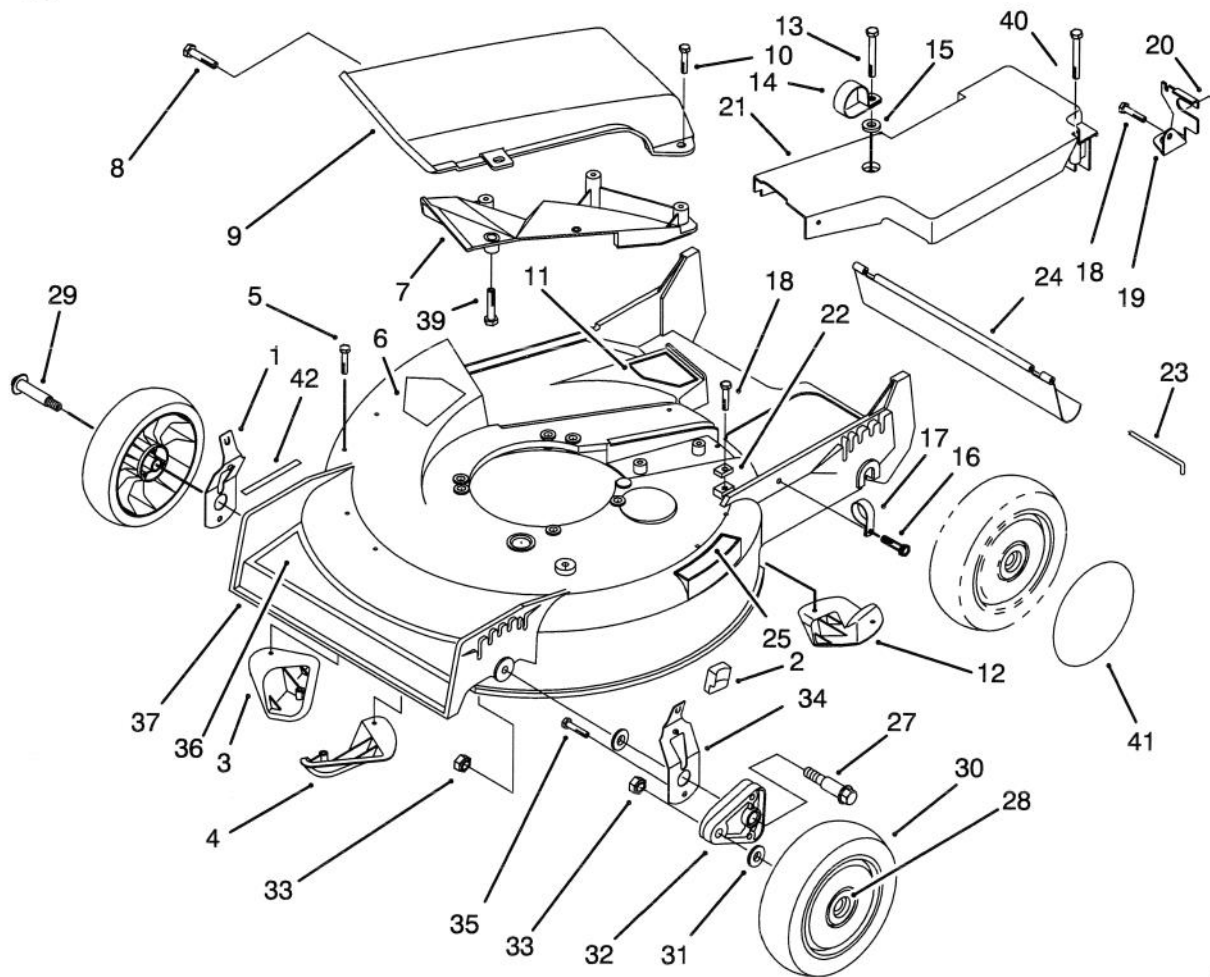


C-1417

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

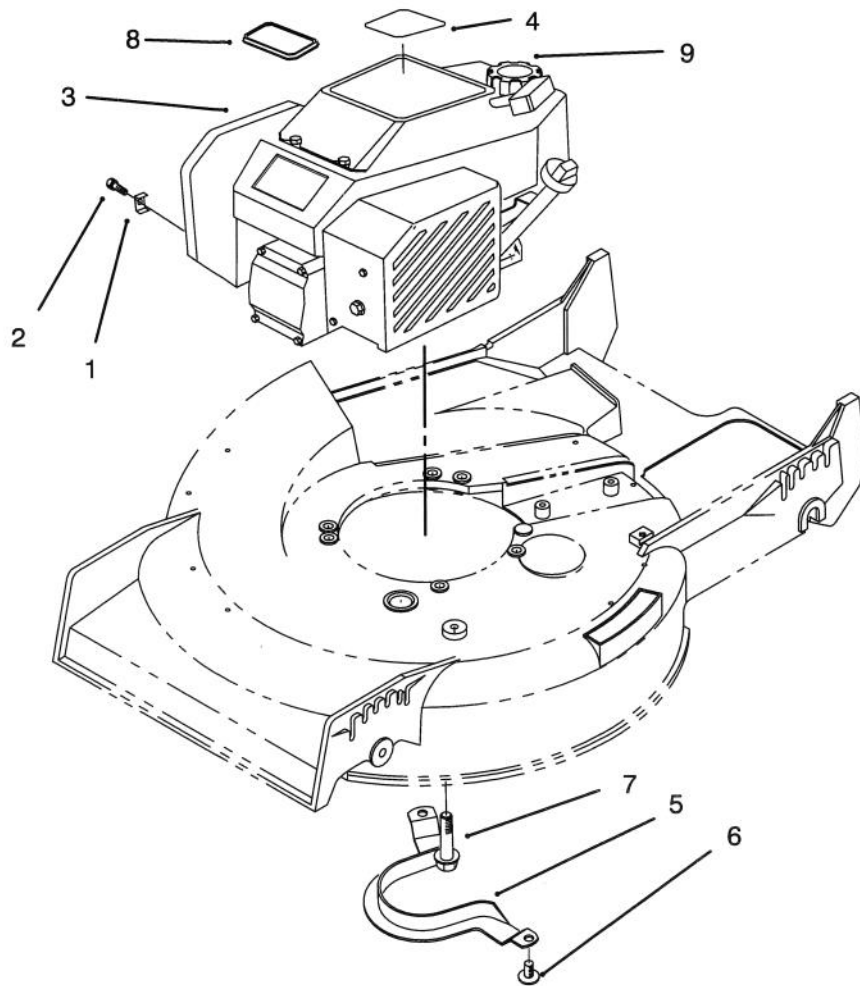


C-1417

## 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

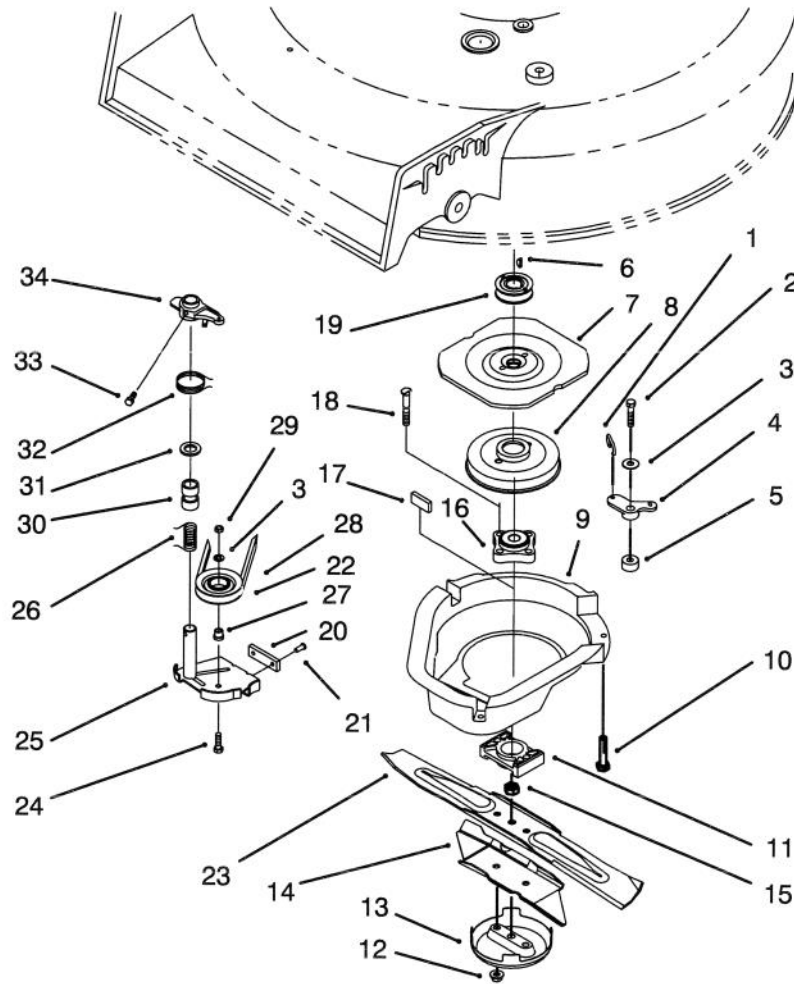
Ref. No.	Part No.	Description	No. Used
39		Screw - Plastite	5
40	37-7260	Screw - Special	1
41	91-2253	Cover - Wheel	1
42	92-2279	Decal - H.O.C.	4



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

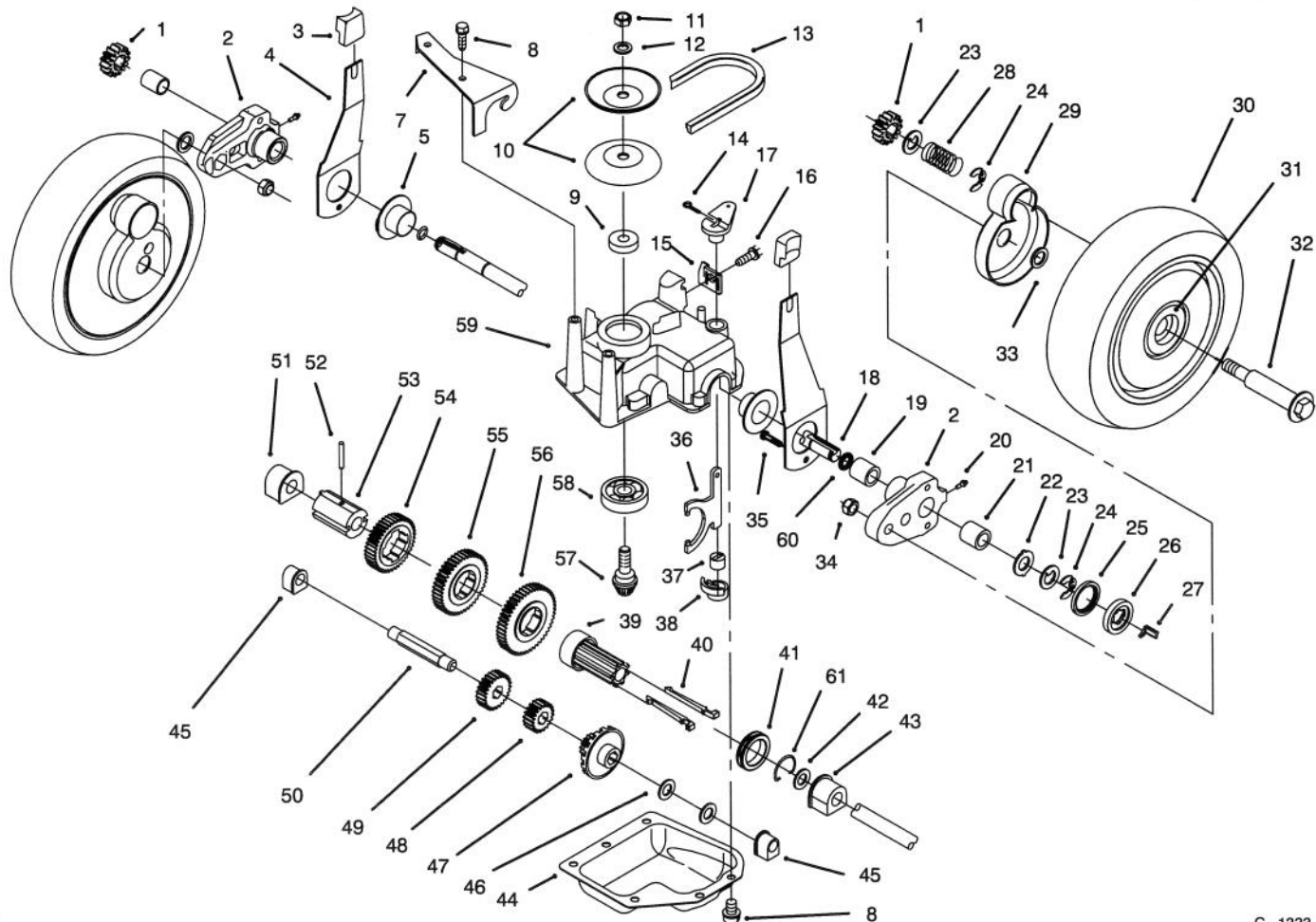


C-1336

## BLADE BRAKE CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-2810	Link - Control	1
2	32104-107	Screw - Self Tap Hex Hd.	1
3	3256-23	Washer - Plain	2
4	49-7960	Bell Crank	1
5	49-7950	Sleeve - Bell Crank	1
6	3257-17	Key - Woodruff	1
7	56-6160	Flywheel	1
8	56-6170	Drum - Brake	1
9	46-5690	Shield	1
10	46-6811	Screw - Thread Forming Hex Washer Hd.	3
11	62-4280	Spacer - Blade	1
12	54-9190	Locknut	2
13	80-2770	Cup - Anti-Scalp	1
14	91-2255	Stiffener - Blade	1
15	3296-33	Locknut	1
16	42-6890	Hub Assembly	1
17	52-3480	Dampener - Vibration	2

Ref. No.	Part No.	Description	No. Used
18	42-3190	Bolt - Blade	2
19	62-7560	Pulley Driver	1
20	62-7560	Pad - Brake	1
21	3295-23	Rivet - Semi Tubular	2
22	46-5650	Pulley Idler	1
23	14-9419	Blade - 21"	1
24	322-16	Hex Hd. Capscrew	1
25	49-7920	Brake Plate (Incl. Ref. # 20 & 21)	1
26	46-5670	Spring - Torsion Lower	1
27	46-5630	Hub - Idler Pulley	1
28	42-0884	V-Belt	1
29	3296-47	Locknut	1
30	68-9780	Bearing	2
31	70-1160	Washer - P.M.	1
32	49-7970	Spring - Torsion Upper	1
33	32104-96	Screw - Self Tap Hex Hd.	1
34	49-2820	Lever	1

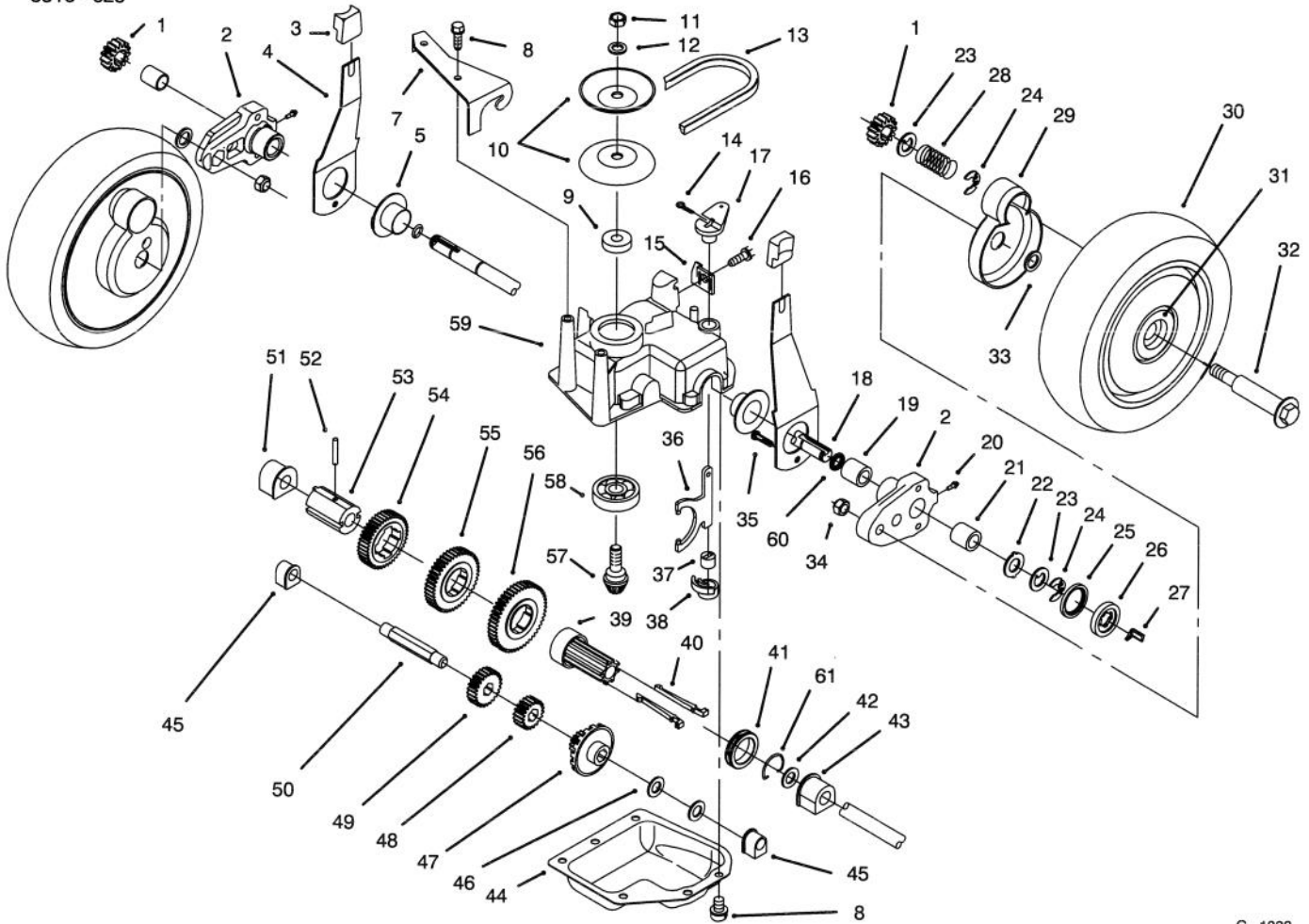


C-1333

## 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



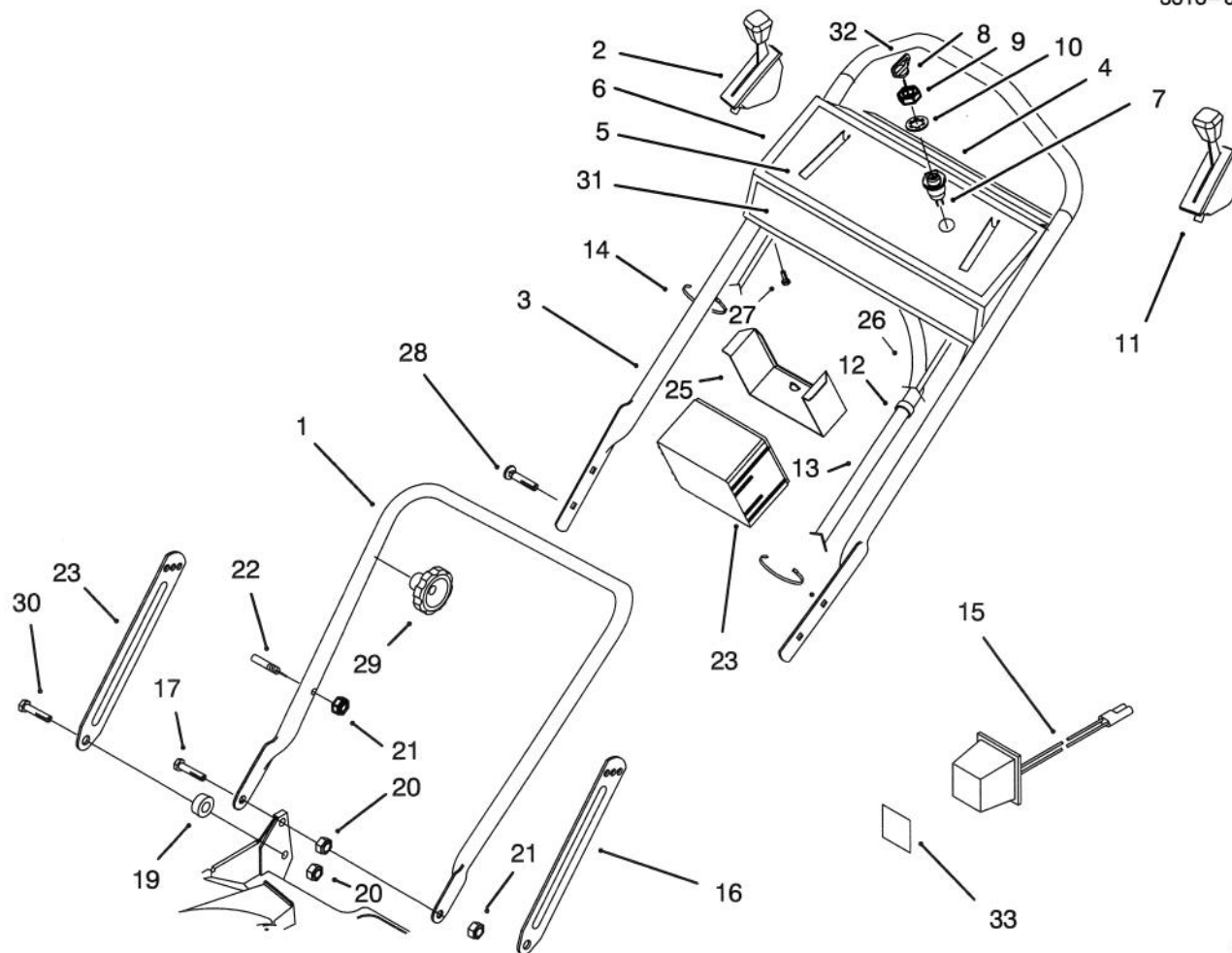
C-1333

## GEAR CASE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
49	55-3800	Gear - Pinion	1
50	60-8800	Shaft - Intermediate	1
51	60-8850	Bushing - Output Shaft	1
52	32121-120	Pin - Coil	1
53	60-8790	Sleeve - Gear	1
54	55-3810	Gear - 39 Tooth 3rd Gear	1
55	55-3790	Gear - 44 Tooth 2nd Gear	1

Ref. No.	Part No.	Description	No. Used
56	55-3770	Gear - 49 Tooth 1st Gear	1
57	60-8890	Pinion - Bevel	1
58	38-7820	Bearing - Ball	1
59	60-8710	Gear Case - Upper	1
60	237-153	O-Ring	2
61	65-5250	Clip - Spring	1
*	62-6673	Gear Case Assembly	1

\*Not Illustrated



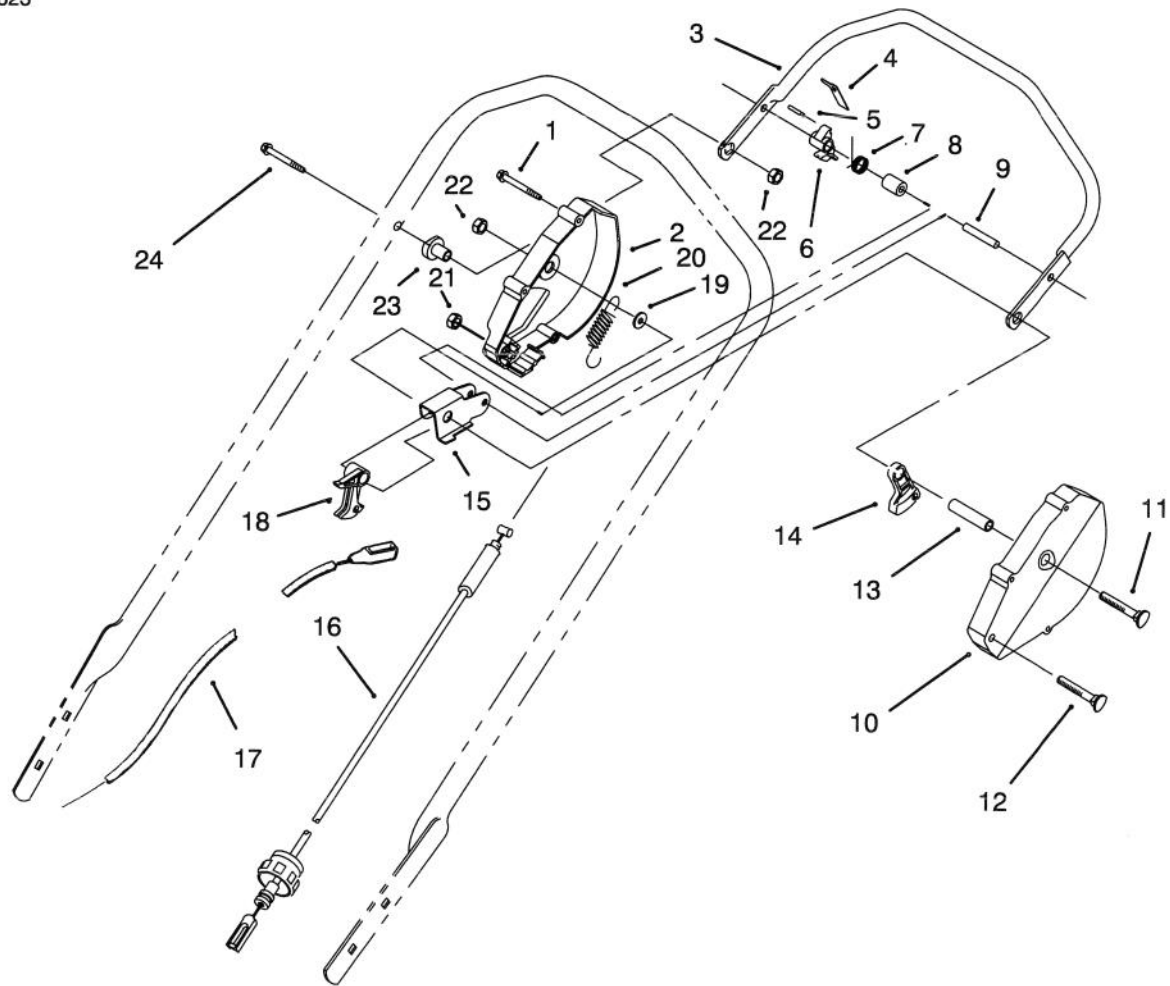
C-1428

## HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82-5531	Handle - Lower	1
2	76-2712	Control - Ground Speed	
3	92-2277	Handle - Upper	1
4	63-9060	Decal - Danger	1
5	92-8657	Decal - Instructions	1
6	16-1659	Panel - Control (Incl. Ref. #4, 5, & 31)	1
7	46-5780	Switch - Starter	1
8	63-8360	Key - Ignition	1
9	218-461	Nut - Hex	1
10	3254-5	Washer - Lock	1
11	71-8391	Control - Throttle (Bend Type #5) (Sheath Lg. 62 3/4") (Wire Lg. 2 1/16")	1
12	2412-50	Clip - Convoluted Tubing	3
13	46-6440	Cover - Control Cables	1
14	3290-378	Tie - Cable	5

Ref. No.	Part No.	Description	No. Used
15	92-1743	Charger - Battery	1
16	84-8361	Latch - Handle L.H.	1
17	27-7211	Screw - Shoulder	2
18	27-7210	Screw - Shoulder	2
19	3-3287	Spacer - Handle Latch	2
20	3296-72	Nut - Lock	3
21	3296-47	Nut - Lock	3
†22	49-2750	Pin - Handle	2
23	55-7520	Battery Assembly	1
25	55-8180	Retainer - Battery	1
26	80-4790	Harness - Wire	1
27	32144-115	Screw - Self Tap Slotted	4
28	92-2260	Screw - Handle	2
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

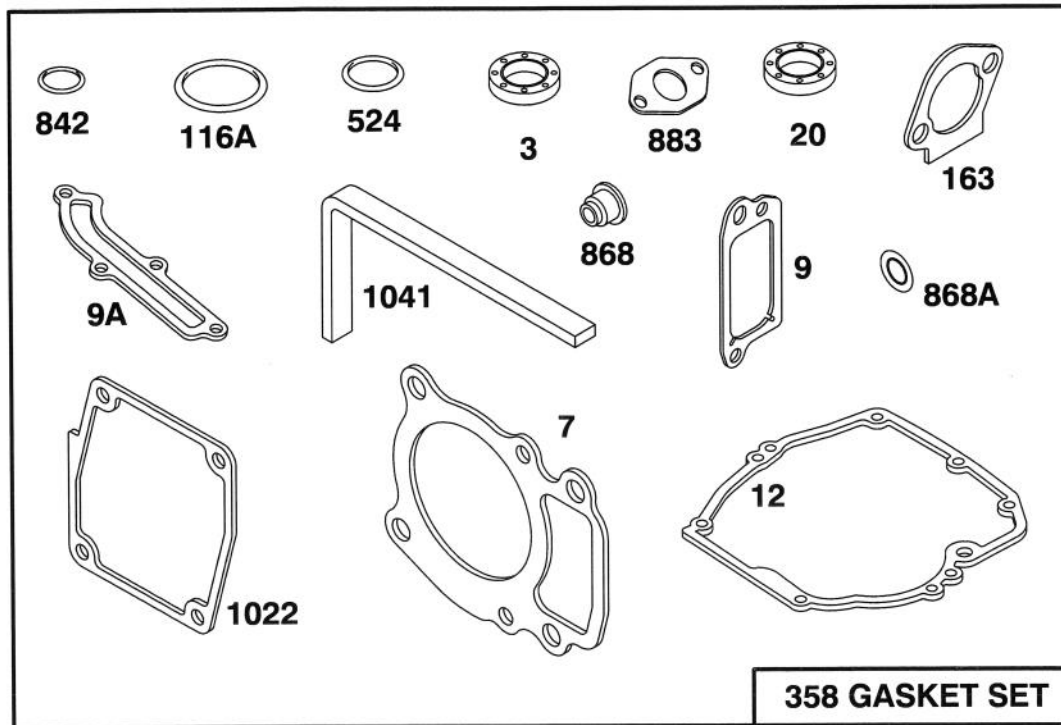


C-1429

## 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

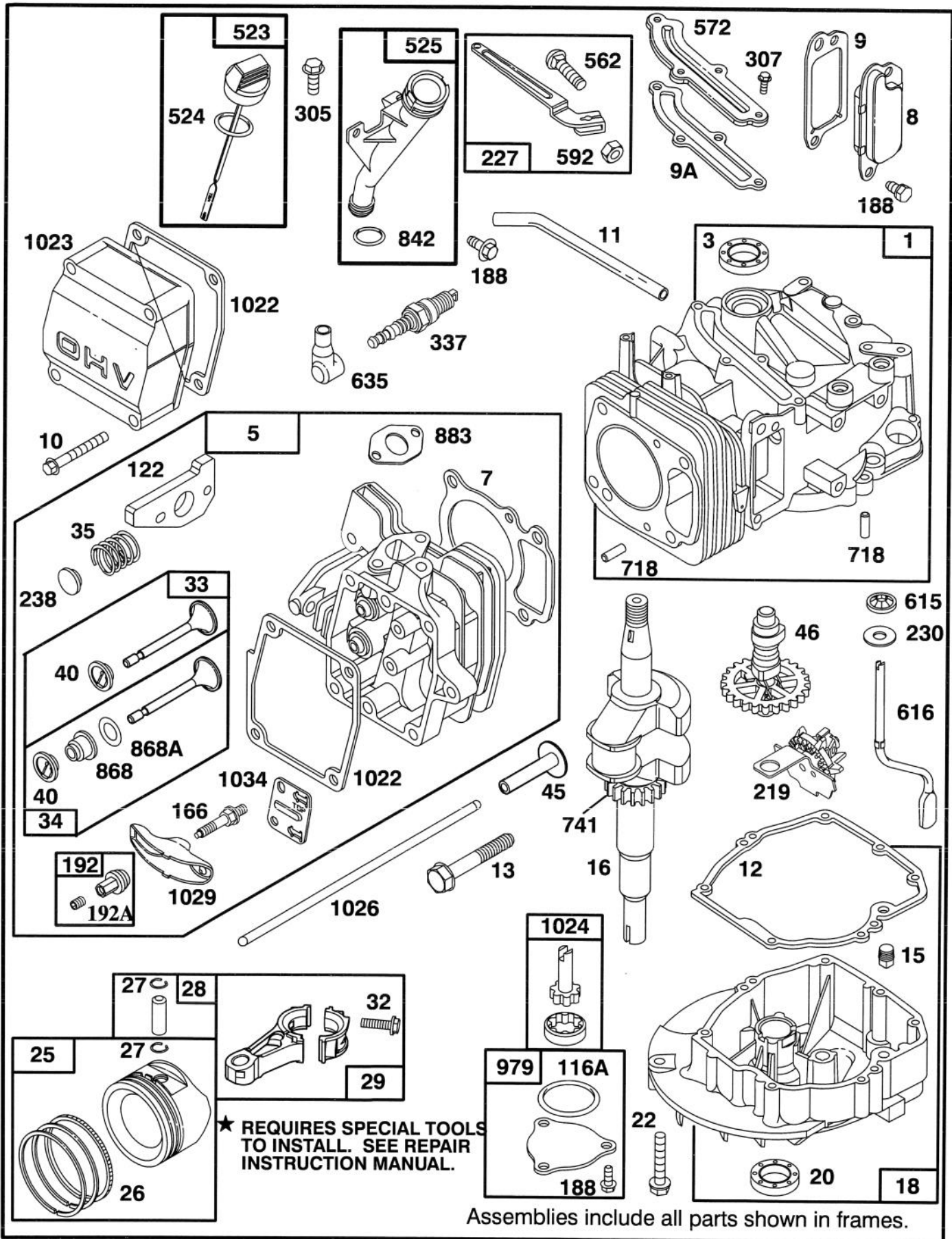


Assemblies include all parts shown in frames.

## ENGINE GTS-150

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	77-9060	Seal - Oil	1	524	77-7270	Seal - Intake Elbow	1
7	77-7740	Gasket - Cylinder Head	1	842	77-7300	Seal - O Ring	1
9	77-7440	Gasket - Valve Cover	1	868	77-7890	Seal Assy. - Valve	1
9A	77-7410	Gasket - Breather	1	868A	77-7900	Gasket - Valve	1
12	77-7550	Gasket - Engine Base	1	883	77-7760	Gasket - Exhaust	1
20	77-7570	Seal - Oil	1	1022	77-7320	Gasket - Rocker Cover	1
116A	77-7660	Seal - O Ring	1	1041	77-8590	Seal - Foam	1
163	77-7960	Gasket - Air Cleaner	1			GTS150 Key/BBC Engine	1
358	77-8900	Gasket Set	1		77-9000	High Altitude Jet	1

# ENGINE GTS-150



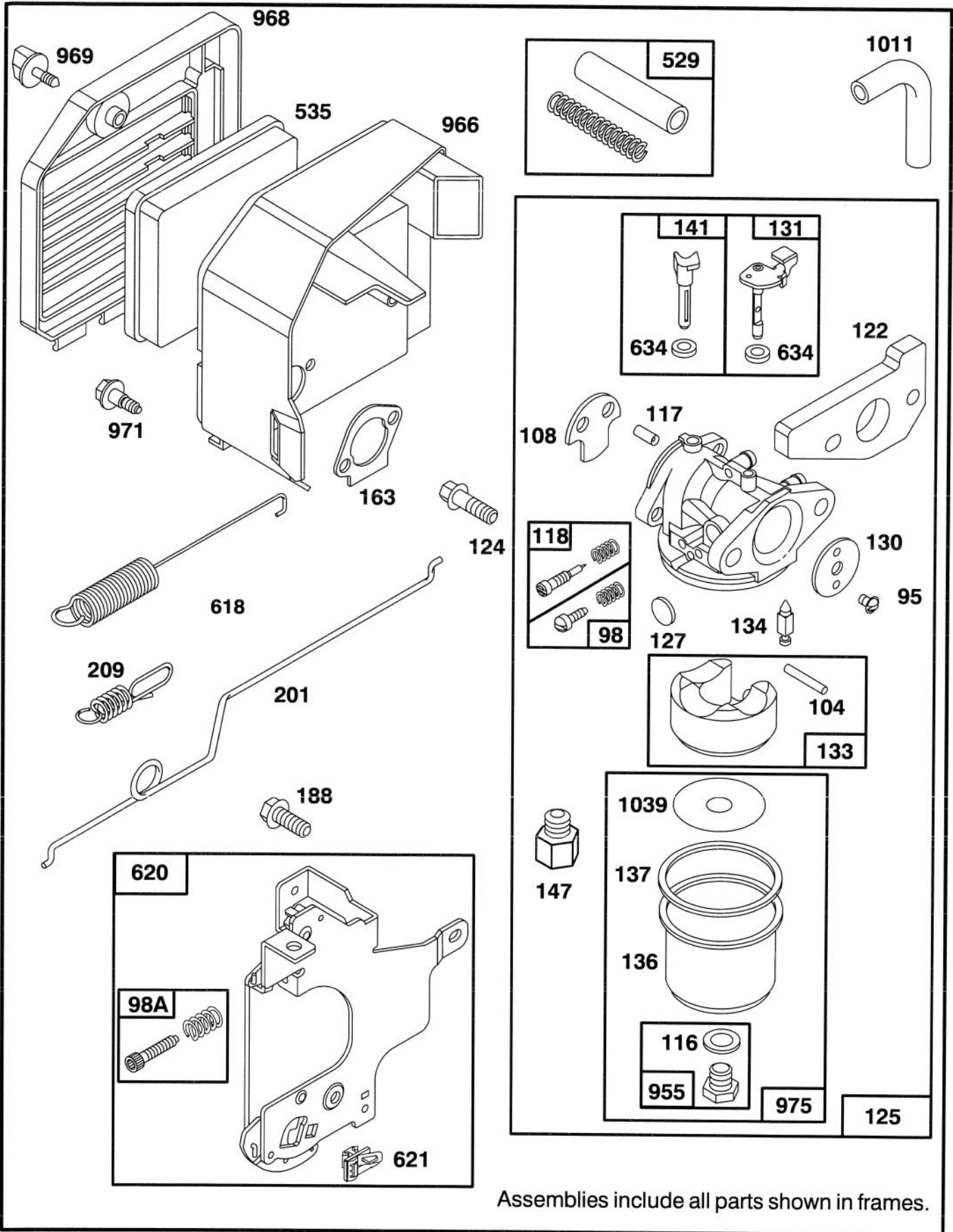
## ENGINE GTS-150

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		572	77-7400	Baffle - Cylinder	1
		For Timing Gear Key		592	77-7390	Nut - Hex.	1
18	77-7560	Base - Engine	1	615	77-7480	Fastener	1
*20	77-7570	Seal - Oil	1	616	77-7460	Crank - Governor	1
22	77-9070	Screw - Engine Base	1	635	77-7340	Elbow - Spark Plug	1
		Note: Order Part No. 77-9080		718	77-7600	Dowel - Sleeve	2
		For Hole Nearest Breather		741	77-7530	Gear - Timing	1
25	77-7690	Piston Assy. (Std.)	1	*842	77-7300	Seal - O Ring	1
26	77-7700	Ring Set (Std.)	1	*868	77-7890	Seal Assy. - Valve	1
27	77-7710	Lock - Piston Pin	2	*868A	77-7900	Gasket - Valve	1
28	77-7720	Pin - Piston (STD)	1	*883	77-7760	Gasket - Exhaust	1
29	77-7670	Rod - Connecting	1	979	77-7650	Cover - Oil Pump	1
32	77-7680	Screw - Connecting Rod	2	*1022	77-7320	Gasket - Rocker Cover	1
33	77-7860	Valve - Exhaust	1	1023	77-7060	Cover - Valve	1
34	77-7880	Valve - Intake	1	1024	77-7640	Pump - Oil	1
35	77-7810	Spring - Valve	2	1026	77-7620	Rod - Push	2
40	77-7870	Retainer - Spring	2	1029	77-7790	Arm - VLV Rocker	2
45	77-7610	Tappet - Valve	2	1034	77-7770	Guide - Push Rod	1
46	77-7490	Gear - Cam	1		77-9280	Short Block	
*116A	77-7660	Seal - O Ring	1			(Incl. Ref. #1, 7, 9, 9A,, 16,18, 25, 28, 29, 45, 46, 122, 219, 230, 615, 616, 883, 979, 1022, & 1024 pg. 10)	1
†122	77-7820	Adapter Assy.	1			(Incl. Ref. #163 pg.12)	
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



## ENGINE GTS-150

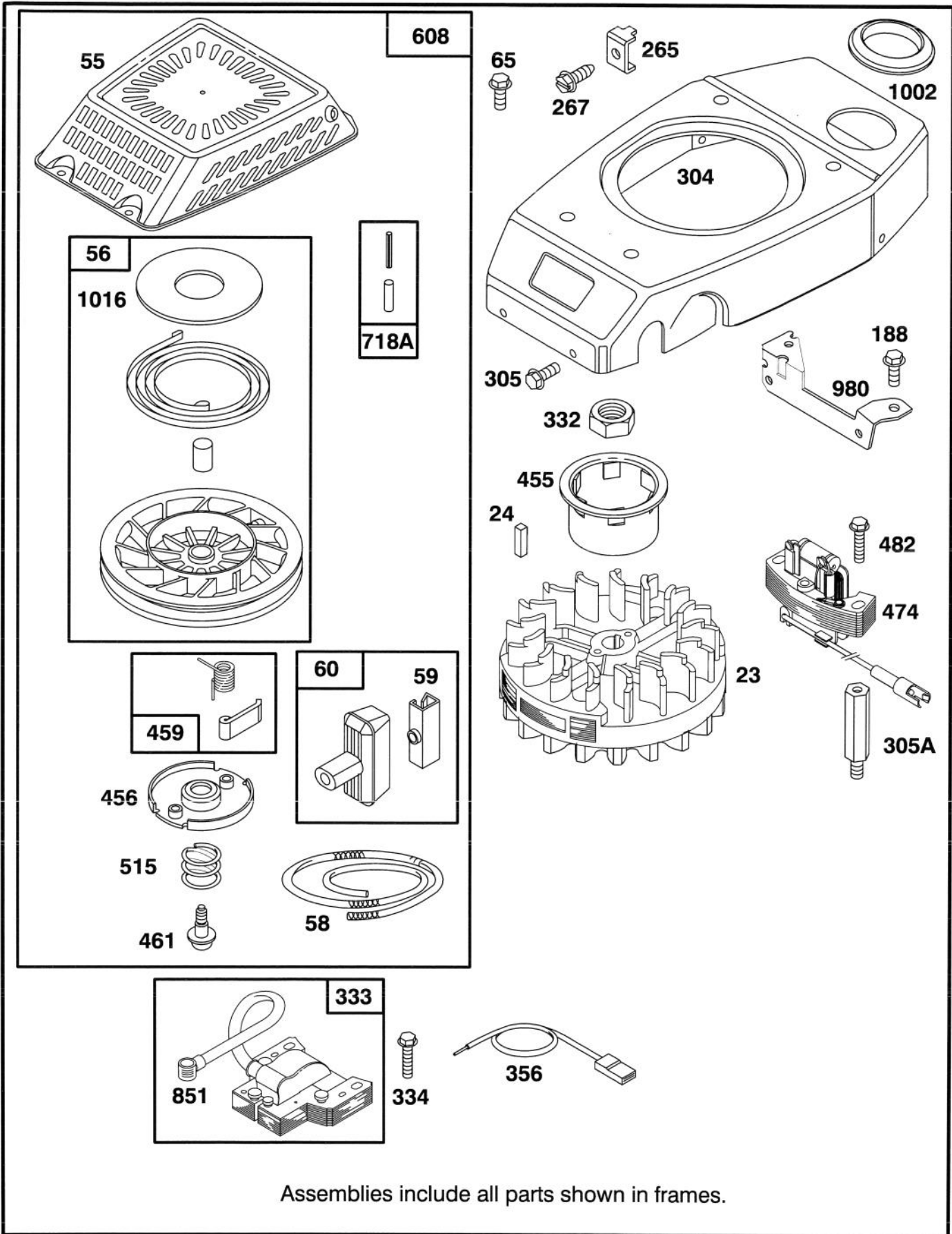
Ref. No.	Part No.	Description	No. Used
95	77-8090	Screw - Round Head	1
98	77-8240	Screw - Idle Adj.	1
98A	77-8020	Screw Assy - Speed Adj.	1
†104	77-8180	Pin - Float Hinge	1
108	77-8070	Valve - Choke	1
†116	77-8210	Washer - Fuel Bowl	1
†117	77-8060	Jet - Needle Valve	1
†118	77-8230	Valve & Kit - Needle	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

Ref. No.	Part No.	Description	No. Used
*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	Limitter - Float	1

\*Included in Gasket Set

†Included in Carburetor Overhaul Kit

# ENGINE GTS-150



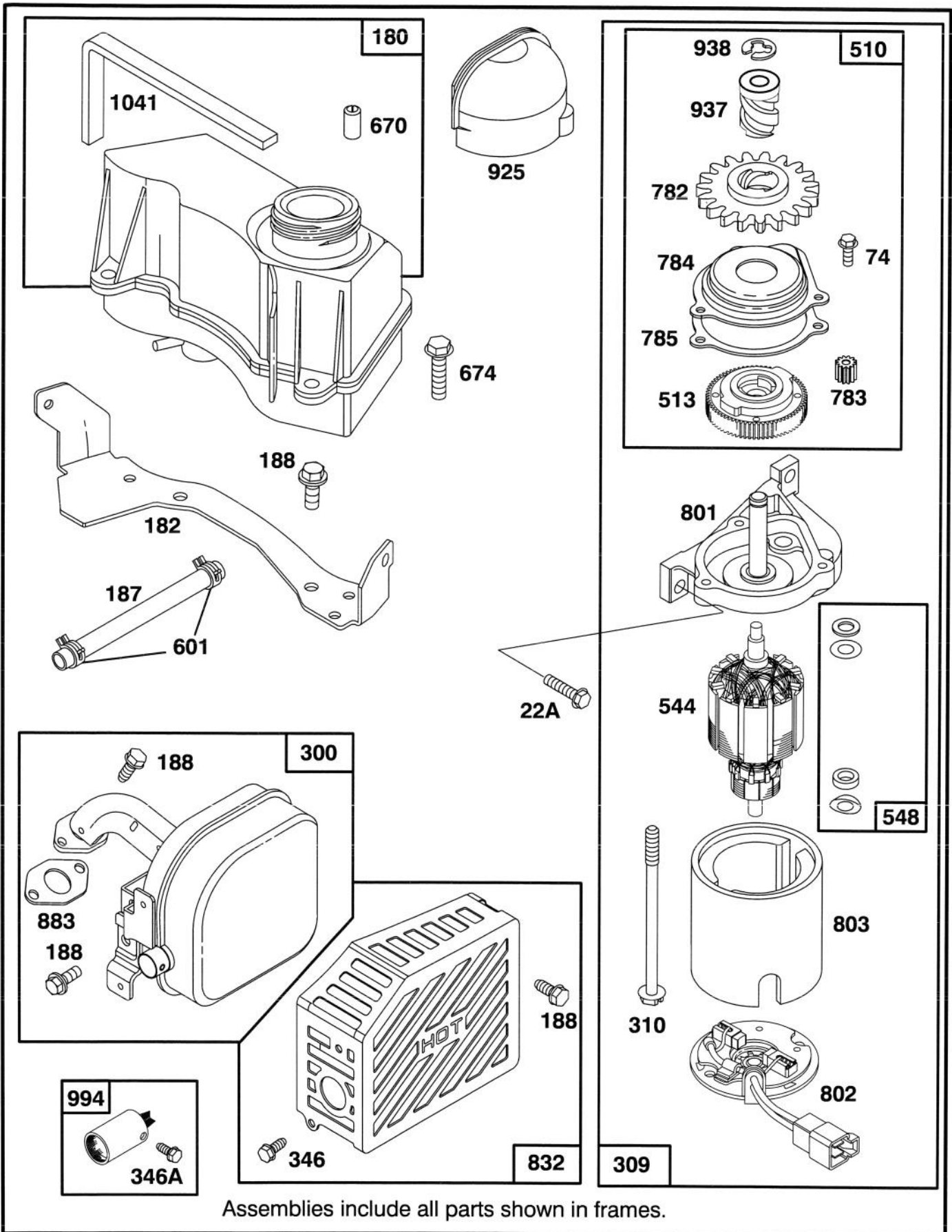
Assemblies include all parts shown in frames.

## 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

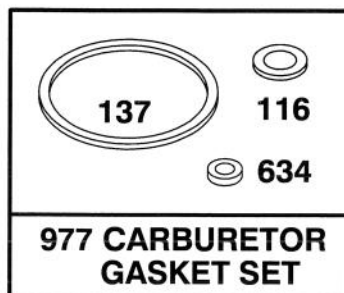
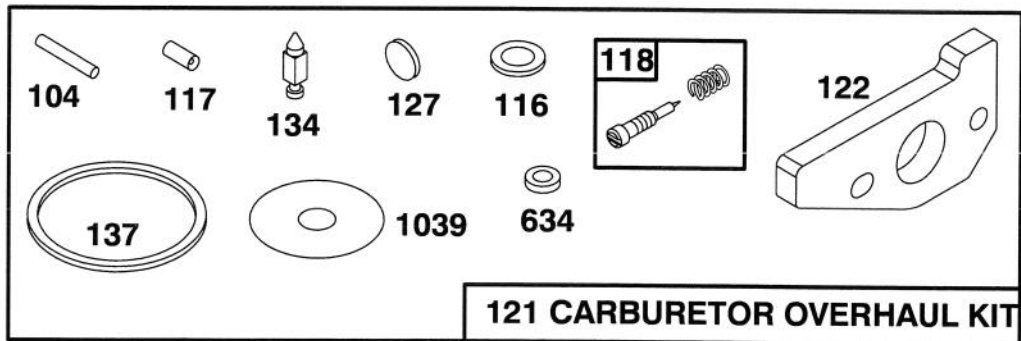


Assemblies include all parts shown in frames.

**ENGINE GTS-150**

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
22A	77-8720	Screw - Carb. Mtg.	2	548	77-8740	Washer - Starter	1
74	77-8800	Screw - Sem	3	601	77-8630	Clamp - CL Pipe	2
180	77-8580	Tank Assy. - Fuel	1	670	77-9030	Spacer - Fuel Tank (Incl. 2)	1
182	77-7170	Bracket - Fuel Tank	1	674	77-8600	Screw - Tank Mtg.	2
187	77-8620	Hose - Fuel (Cut To Suit)	1	782	77-8810	Gear - Starter	1
188	77-7450	Screw - Hex. Head ( Muffler guard, muffler manifold to head, connecting bracket, Tk bracket)	7	783	77-8760	Gear - Pinion	1
300	77-8640	Muffler - Exhaust	1	784	77-8780	Cover - Gear	1
309	77-8670	Motor Starter	1	785	77-8790	Gasket - Gear Cover	1
310	77-8710	Bolt - Thru	2	801	77-8680	Cap - Drive	1
346	77-8650	Screw - Self Tap (Muffler Guard)	2	802	77-8690	Cap - End	1
346A	77-9050	Screw - Arrester Mtg.	1	803	77-8700	Housing - Starter	1
510	77-8910	Drive - Starter	1	832	77-8660	Guard - Muffler	1
513	77-8770	Clutch - Starter	1	*883	77-7760	Gasket - Exhaust	1
544	77-8730	Armature Starter	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	Limiters - Float	13	1039	1
55-3760	Gear - Pinion 15 Tooth	5	47	1	77-7250	Limiters - 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.)

3316-623

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	92-2289	Plate - Toro	3 8 1
77-8660	Guard - Muffler	17 832 1	92-3146	Decal - Front Panel	7 31 1
77-8670	Motor Starter	17 309 1	92-3147	Decal - Recoil	3 4 1
77-8680	Cap - Drive	17 801 1	92-4086	Grip - Foam	7 32 1
77-8690	Cap - End	17 802 1	92-8657	Decal - Instructions	7 5 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





