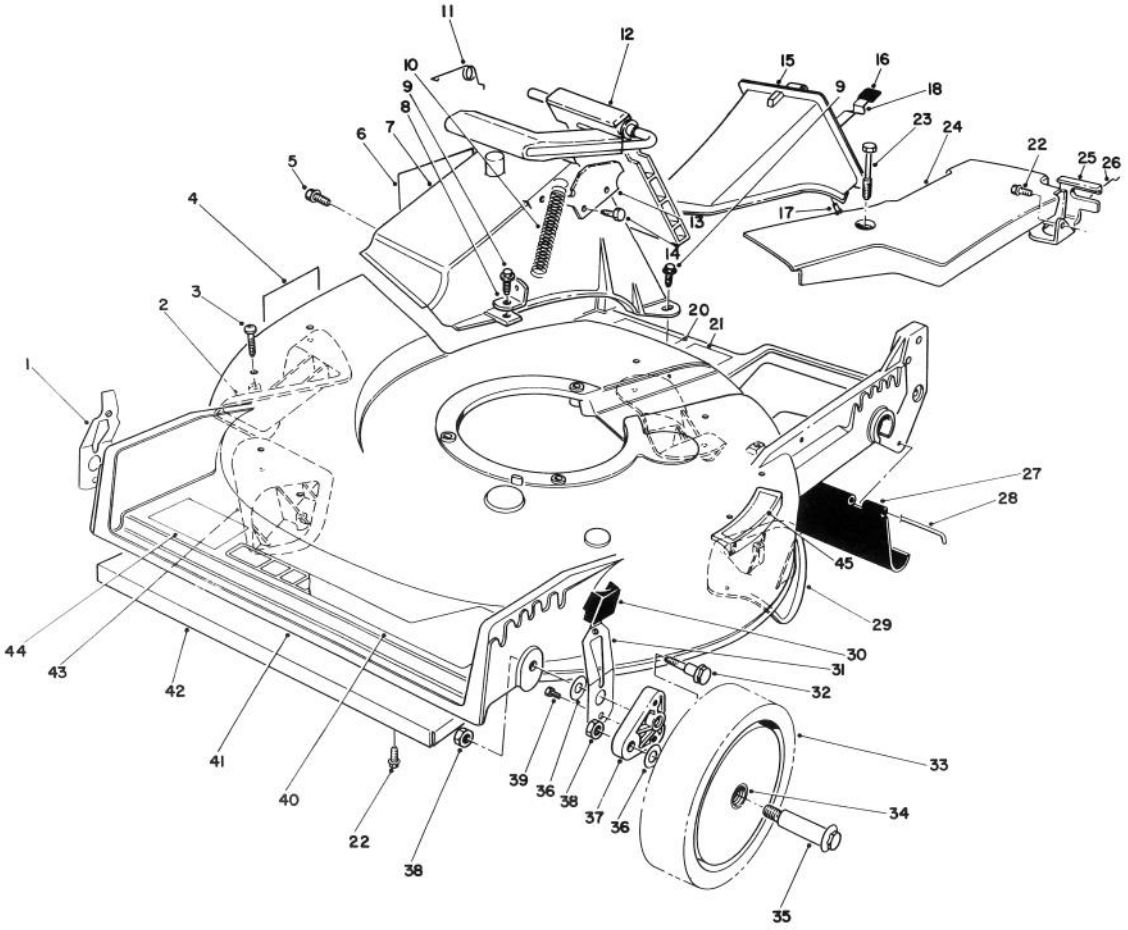
FORM NO. 3315–166 REV. A

TORO®

MODEL NO. 20328B–2000001 & UP

PARTS CATALOG

21" RECYCLER®
Mower



C–1102

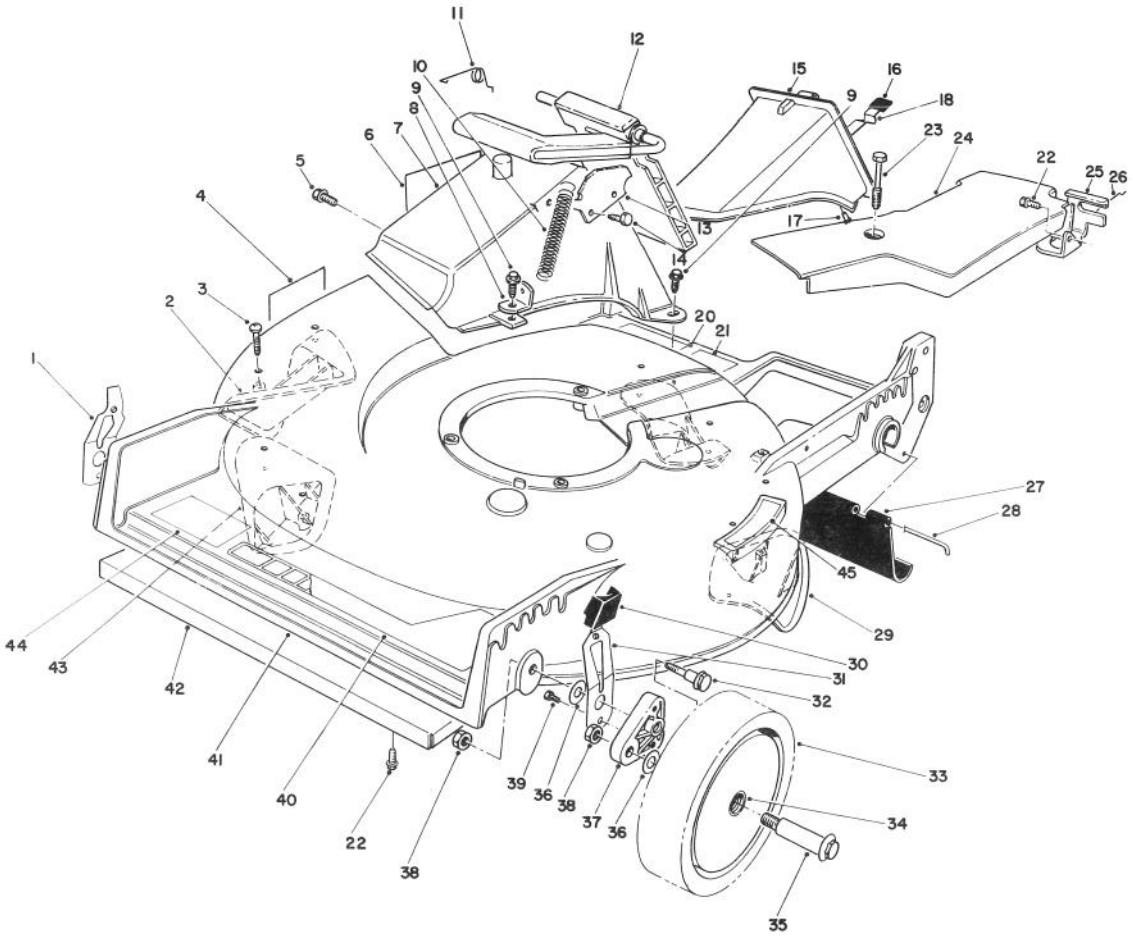
HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71–0560	Spring Arm Ass'y – R.H.	1
2	76–2130	Plate – Kicker Left Front	1
3	32144–111	Screw – Pan Hd.	8
4	62–3860	Decal – Danger	1
5	46–6810	Screw – Hex Washer Hd. Thread Forming	1
6	62–4060	Decal – Danger	1
7	14–7179	Tunnel – Discharge (Incl. Ref. #6)	1
8	80–3780	Bracket – Spring	1
9	46–6811	Screw w/Washer	3
10	76–4660	Spring – Door	1
11	80–3770	Retainer – Door	1
12	77–0200	Discharge Door Assembly	1
13	76–4570	Plate – Latch	1
14	46–8090	Screw – Hex Washer Hd. Self Tapping	2

Ref. No.	Part No.	Description	No. Used
15	77–0502	Plug Assembly (Incl. Ref. #16–18)	1
16	76–4650	Grip – Latch	1
17	3295–35	Rivet	1
18	76–4640	Latch – Plate	1
19	76–2150	Plate – Kicker Left Rear	1
20	66–0680	Decal – French Regulation	1
21	66–2000	Decal – Noise Level	1
22	32144–70	Screw – Hex Washer Hd. Thread Forming	5
23	37–7260	Screw – Special Cap	2
24	82–9910	Belt Cover	1
25	82–5680	Bracket – Traction Adjust.	1
26	46–7030	Retainer – Cable	1
27	44–0580	Shield –Rear	1
28	33–3208	Rod – Shield	1
29	76–2140	Plate – Kicker Right Rear	1

TPS

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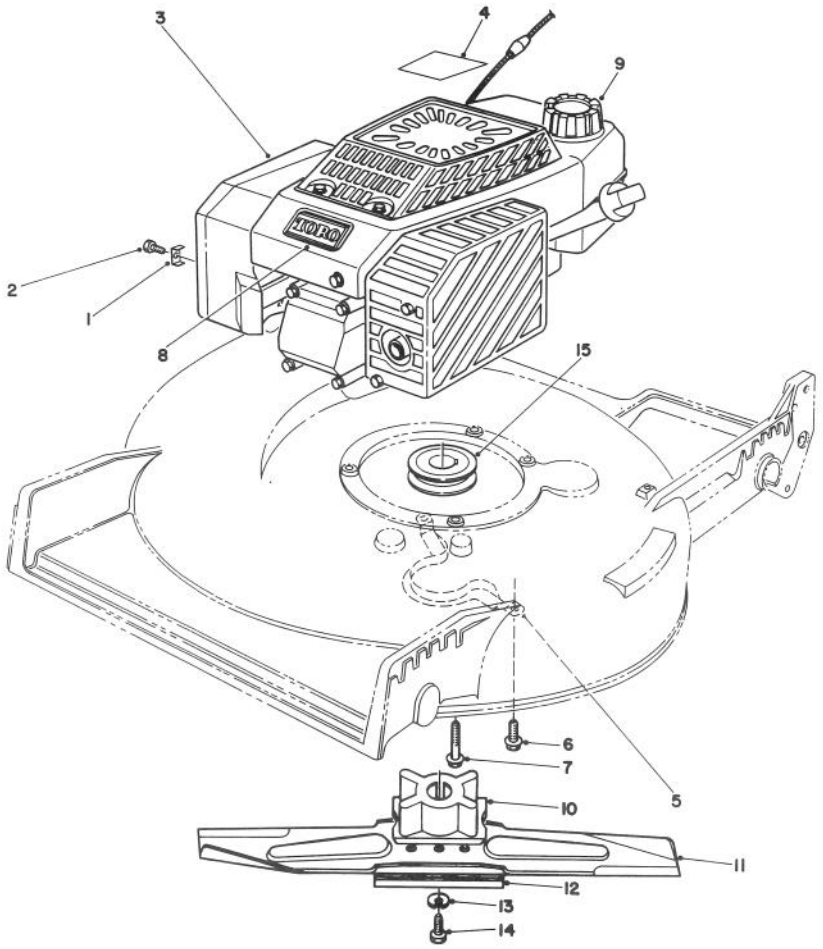


C–1102

HOUSING ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
30	25–7740	Knob – Spring Arm	2
31	71–0570	Spring Arm Ass'y – L.H.	1
32	66–0561	Screw – Pivot	2
33	11–9509	Wheel & Tire Assembly (Incl. Ref. #34)	2
34	27–6250	Bushing	4
35	27–6231	Bolt – Wheel	2
36	40–1940	Washer – Wheel	4
37	66–0580	Arm – Pivot	2
38	52–3620	Nut – Lock	4

Ref. No.	Part No.	Description	No. Used
39	32144–85	Screw – Hex Hd. Cap	2
40	76–1950	Decal – Deck	1
41	14–3519	Housing Assembly (Incl. Ref. #2–4, 19, 29 & 43)	1
42	46–5400	Shield – Front	1
43	76–2120	Plate – Kicker Rt. Front	1
44	71–0600	Decal– Toro	1
45	62–3950	Decal – Step Pad	1

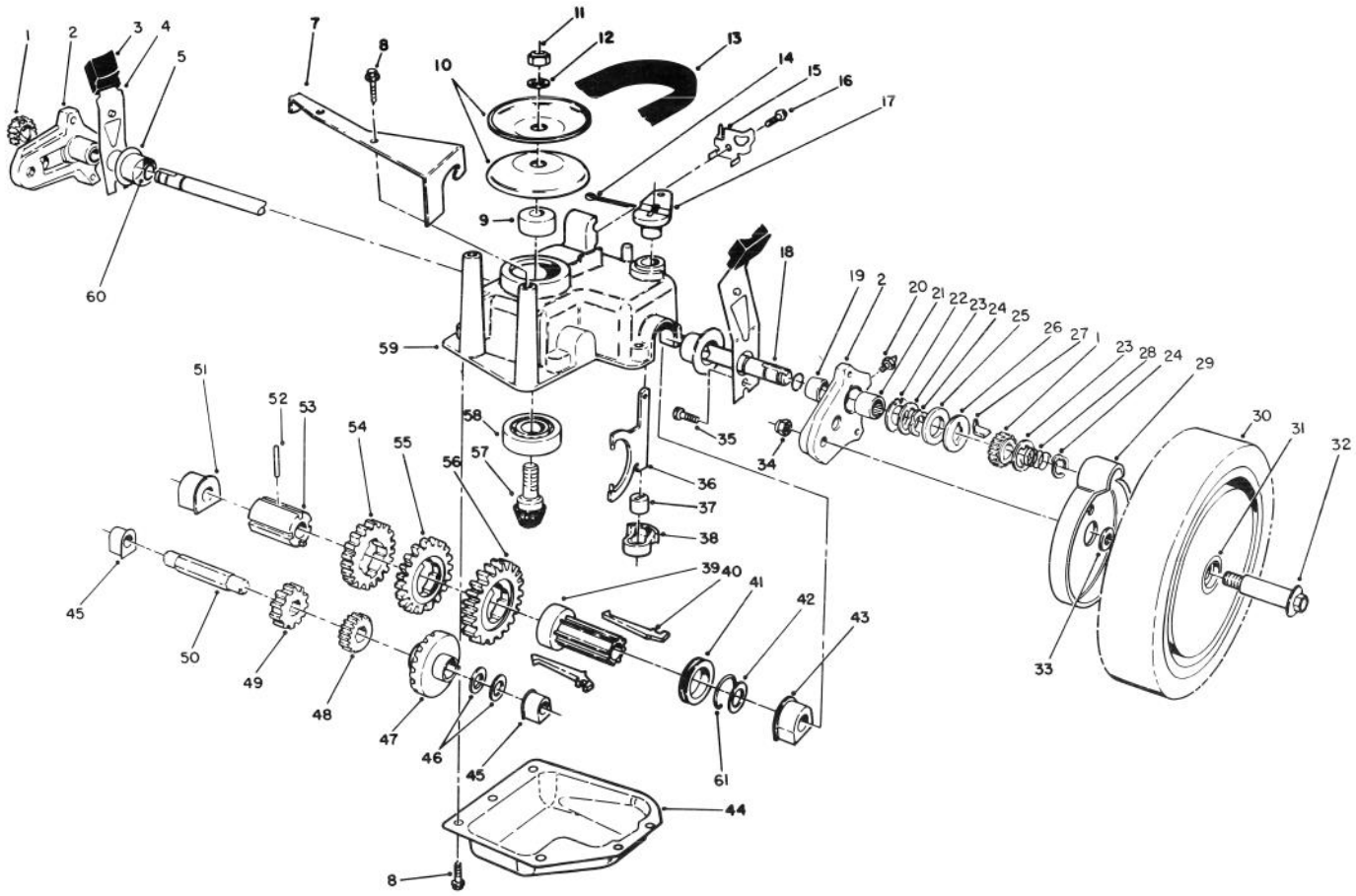


C–1072

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2210–249	Clamp – Throttle	1
2	2210–313	Screw – Clamp	1
3	84–8350	Engine	1
4	80–4800	Decal – Recoil	1
5	66–0570	Guide – Belt	1
6	32144–70	Screw – Hex Washer Hd.	2
7	32144–102	Screw – Thread Forming	3
8	76–4710	Plate – Toro	1

Ref. No.	Part No.	Description	No. Used
9	55–3570	Gas Cap Assembly	1
10	62–7540	Retainer – Blade	1
11	75–9420	Blade	1
12	80–0510	Stiffener – Blade	1
13	3253–22	Washer – Lock	1
14	26–0670	Screw – Blade	1
15	62–7550	Pulley – Driver	1



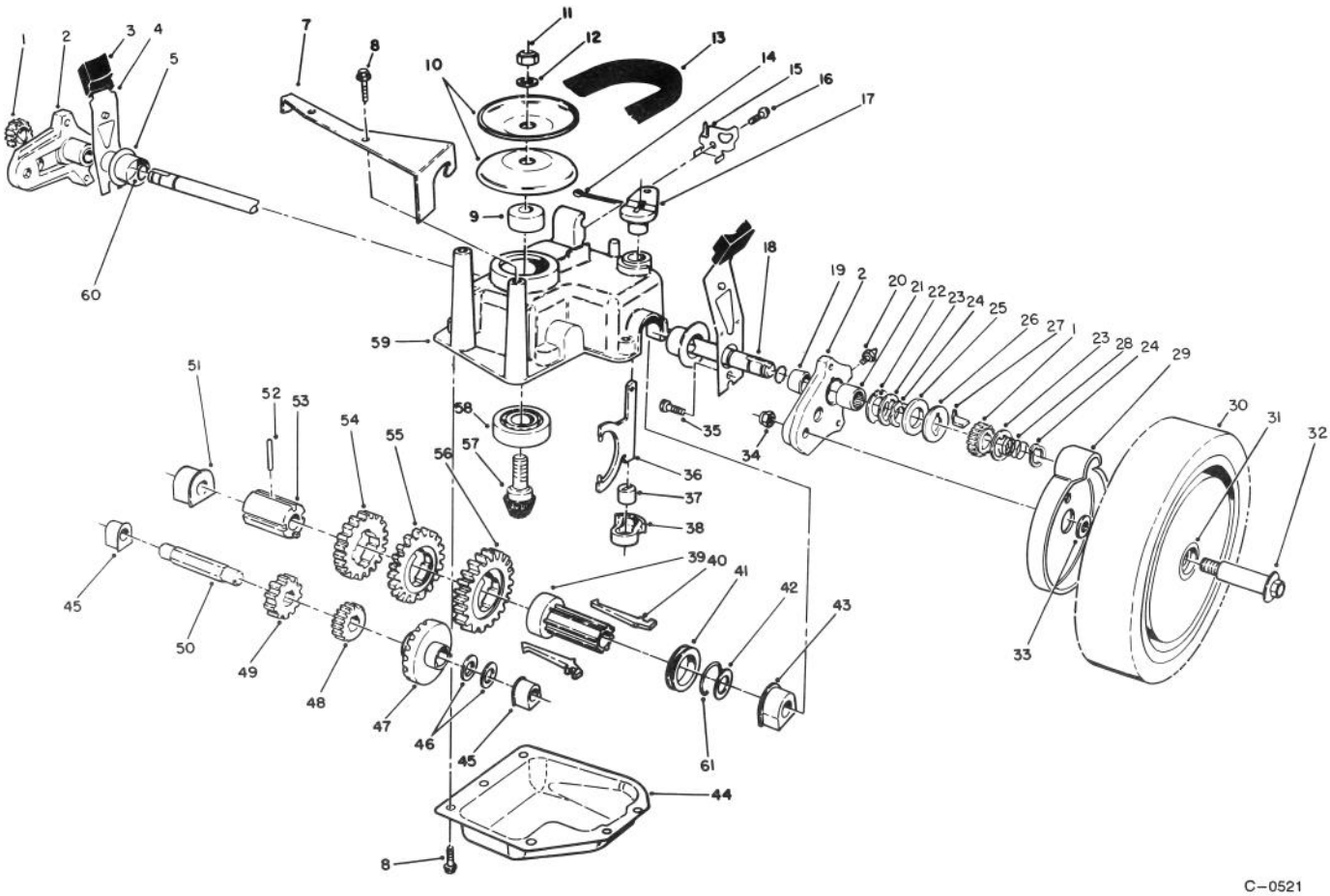
C–0521

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	65–4750	Pinion	2
2	63–8701	Pivot Arm Assembly (Incl. Ref # 19, 20, & 21)	2
3	25–7740	Knob – Arm	2
4	63–8720	Spring Arm Assembly	2
5	42–3520	End Cap	2
7	62–4320	Bracket – Belt Guide	1
8	49–2040	Screw – Self Tapping	8
9	62–6660	Spacer	1
10	60–8840	Pulley – Half	2
11	3296–5	Locknut	1
12	3256–24	Washer – Flat	1
13	62–3900	V–Belt	1
14	3272–10	Pin – Cotter	1
15	82–8780	Cable – Retainer	1
16	32144–70	Screw – Thread Forming	1
17	60–8821	Lever – Shift	1
18	65–4770	Shaft – Output	1
19	70–9760	Bushing	2
20	302–56	Fitting – Grease	2
21	48–2060	Needle Bearing	2
22	65–4730	Thrust Washer	2
23	65–4740	Thrust Washer	4
24	65–2720	Ring – Retaining	4
25	65–4710	Ring – Friction	2

Ref. No.	Part No.	Description	No. Used
26	65–4760	Washer – Clutch	2
27	66–6050	Key – Rocker L.H.	1
*	66–6040	Key – Rocker R.H.	1
28	65–4720	Spring	2
29	74–1660	Cover – Wheel	2
30	11–9519	Wheel – Tire & Gear Ass'y (Incl. Ref. # 31)	2
31	27–6250	Bushing – Wheel	4
32	27–6231	Wheel Bolt	2
33	74–1671	Spacer – Wheel Cover	2
34	52–3620	Locknut	2
35	32144–85	Screw	2
36	60–8870	Yoke – Shift	1
37	29–9570	Bushing – Yoke	1
38	60–8810	Retainer – Shift Fork	1
39	76–0780	Sleeve – Shift Key	1
40	76–0760	Key – Shift	2
41	76–0770	Collar – Shift	1
42	36–4780	Washer – Thrust	1
43	60–8770	Bushing – Output Shaft	1
44	60–8730	Cover – Gear Case	1
45	60–8750	Bushing – Int. Shaft	2
46	36–4791	Washer – Thrust	2
47	55–3760	Gear – Pinion 15 Tooth	1
48	55–3780	Gear – Pinion 20 Tooth	1

*Not Illustrated



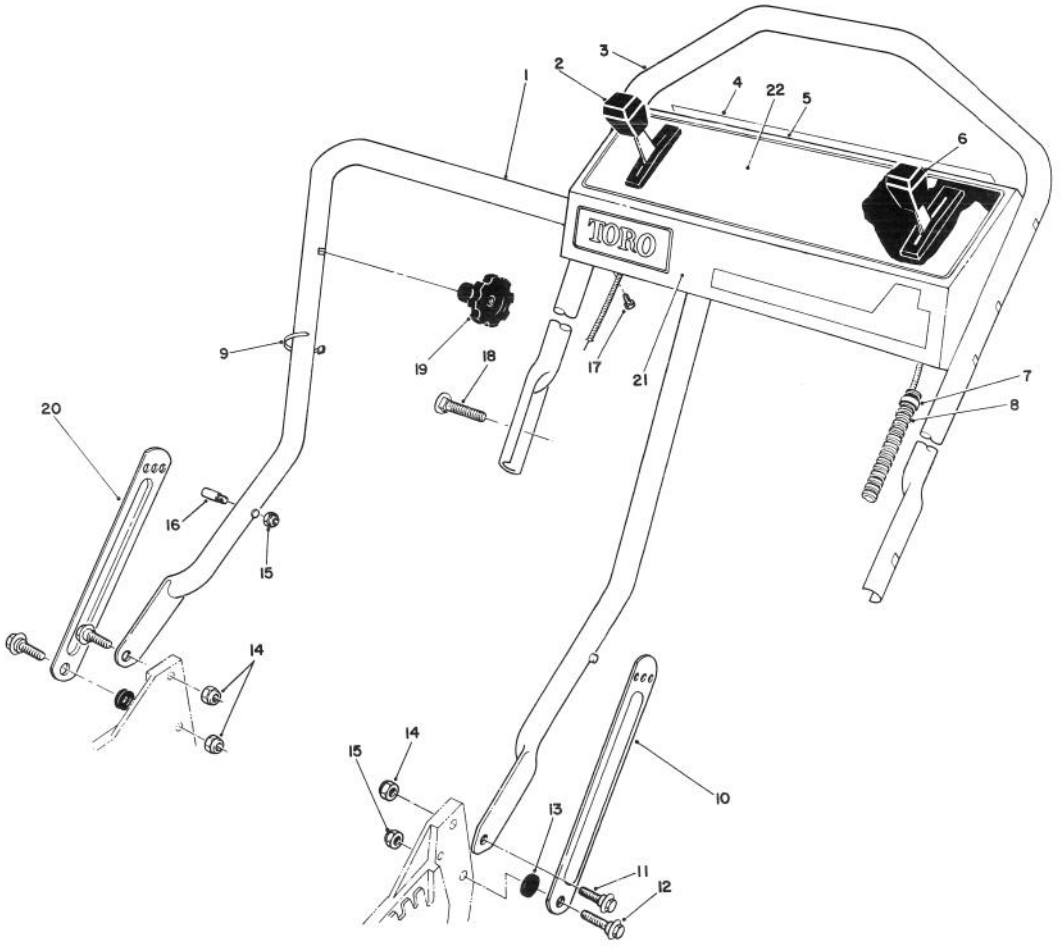
GEAR CASE ASSEMBLY (CONTINUED)

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

3315–166a



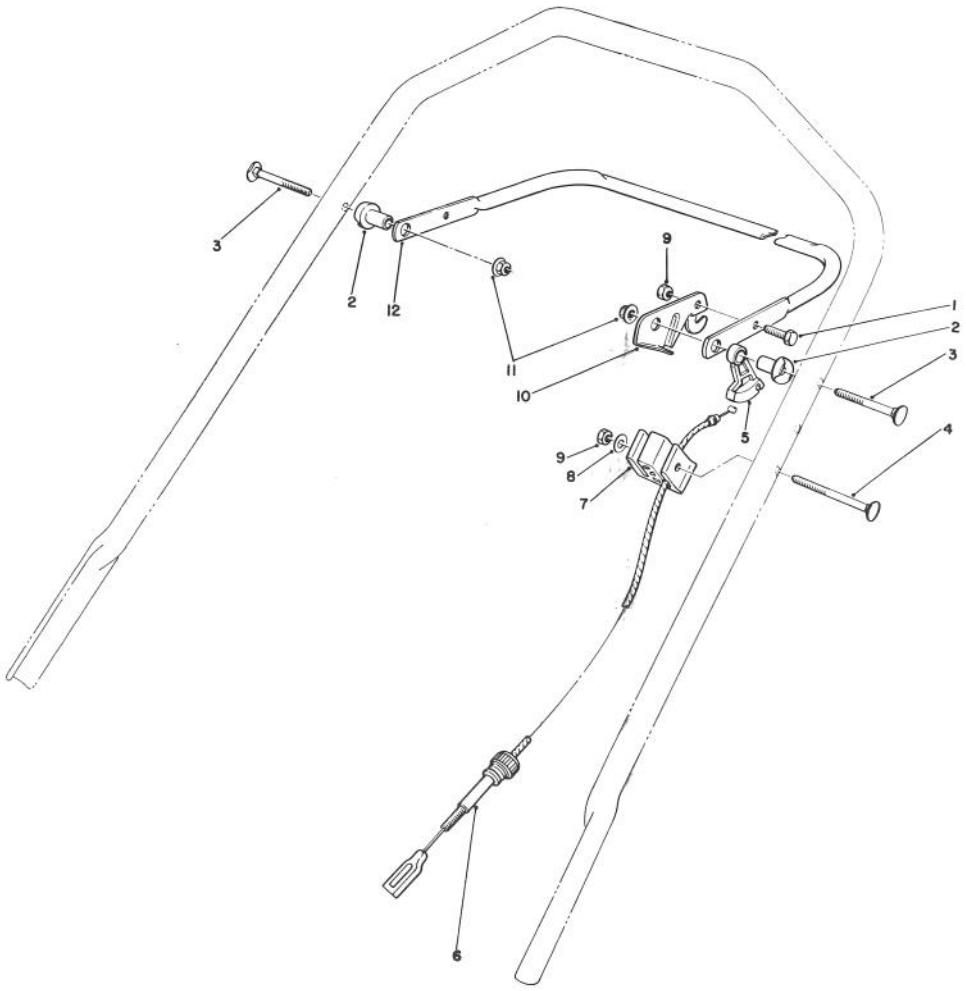
C–1094

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43–1361	Lower Handle Ass'y	1
2	76–2711	Control – Ground Speed	1
3	84–8330	Handle – Upper	1
4	66–1790	Decal – Danger	1
5	13–6019	Panel – Control (Incl. Ref. #4 &22)	1
6	66–0236	Control – Throttle (Bend Type # 1) (Sheath Lg.) (Wlire Lg. 2 1/8")	1
7	2412–50	Clip Convoluted Tubing	3
8	46–6440	Cover – Control Cable	1
9	3290–378	Tie – Cable	3

Ref. No.	Part No.	Description	No. Used
10	84–8360	Latch – Handle L.H.	1
11	27–7211	Screw – Shoulder	2
12	27–7210	Screw – Shoulder	2
13	3–3287	Spacer – Handle Latch	2
14	3296–29	Nut – Lock	3
15	3296–47	Nut – Lock	3
†16	49–2750	Pin – Handle	2
17	32104–76	Screw – Tapping	5
18	17–9421	Screw – Handle	2
19	19–4050	Knob – Handle Release	2
20	84–8400	Latch – Handle R.H.	1
21	84–5630	Decal – Toro Panel,	1
22	66–0290	Decal – Instructions	1

†Service Replacement Part

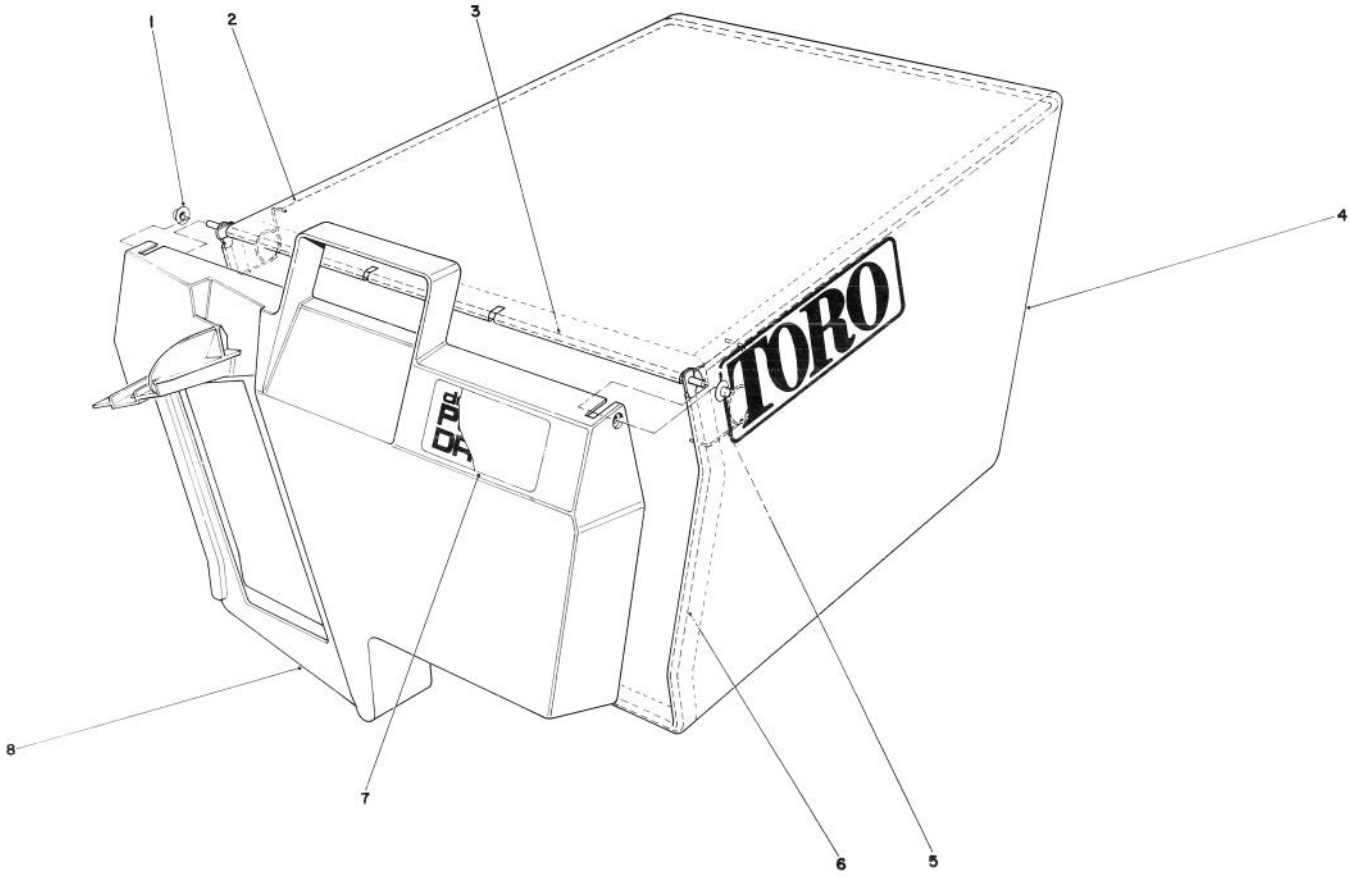


C–1103

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321–3	Screw – Hex Hd. Cap	1
2	49–1630	Support – Spacer	2
3	17–9421	Screw – Handle	2
4	46–6434	Screw – Handle	1
5	46–5520	Lever – Traction	1
6	46–5481	Cable – Traction	1

Ref. No.	Part No.	Description	No. Used
7	46–6980	Support – Cable	1
8	3256–22	Washer – Flat	1
9	3296–42	Nut – Lock	2
10	74–1820	Lever – Control	1
11	3296–58	Nut – Lock	2
12	52–7430	Bar – Control	1

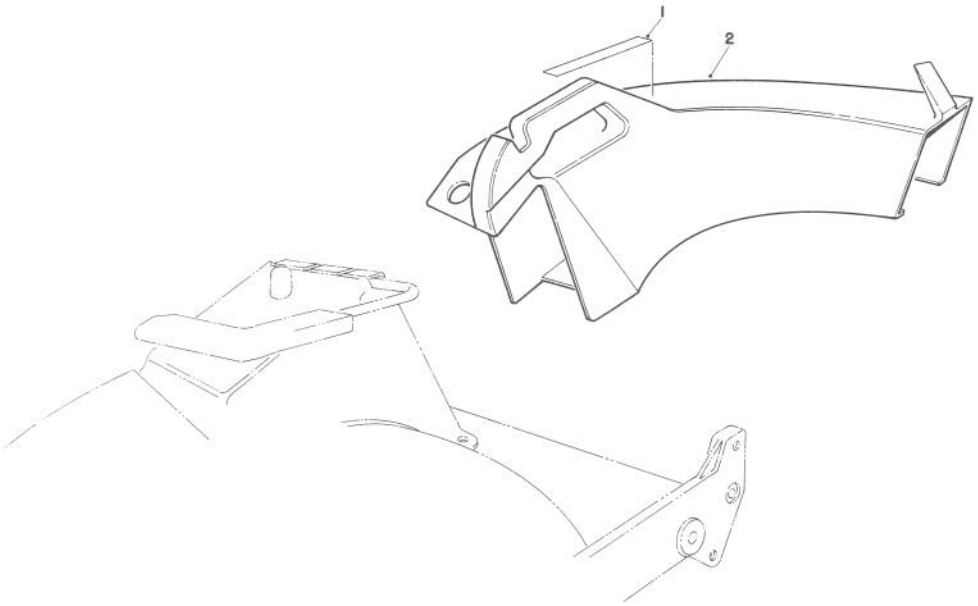


C–0331

GRASS BAG ASSEMBLY NO. 11–0189

Ref. No.	Part No.	Description	No. Used
1	3290–422	Nut – Push	2
2	42–4030	Bag Frame – Upper	1
3	33–4820	Hinge – Bag Door	1
4	44–0522	Bag – Grass	1

Ref. No.	Part No.	Description	No. Used
5	36–6910	Spring	2
6	42–4020	Frame – Bag	1
7	66–2150	Decal – Bag Door	1
8	37–1393	Door – Grass Bag	1



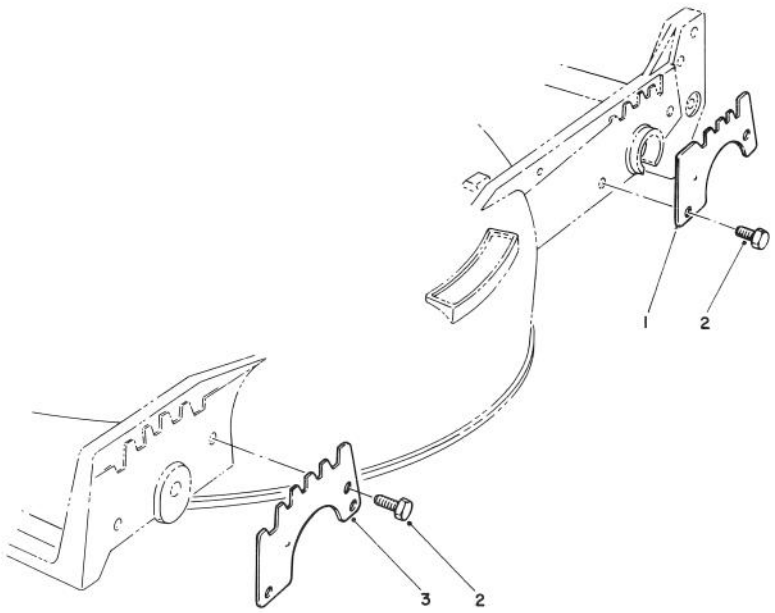
T–0716

SIDE DISCHARGE CHUTE MODEL NO. 59110 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	76–4780	Decal – Caution	1
2	59168	Chute – Discharge (Incl. Ref. #1)	1

Ref. No.	Part No.	Description	No. Used

*Not Illustrated

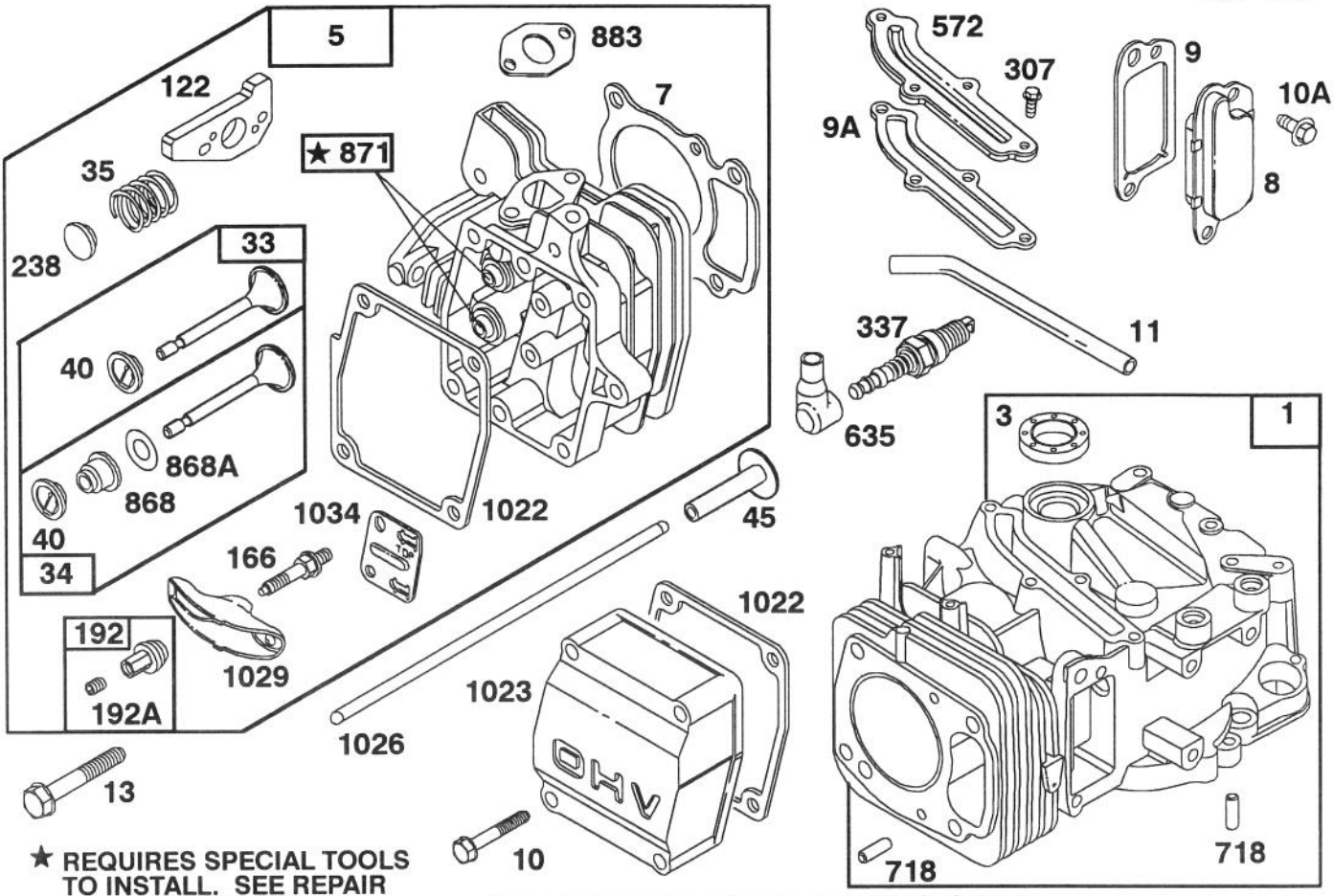


C–0332

WEAR PLATE MODEL NO. 49–4080 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	49–4070	Plate – Rear Wear	2
2	32104–17	Thread Forming Screw	8

Ref. No.	Part No.	Description	No. Used
3	43–5050	Plate – Wear Front	2



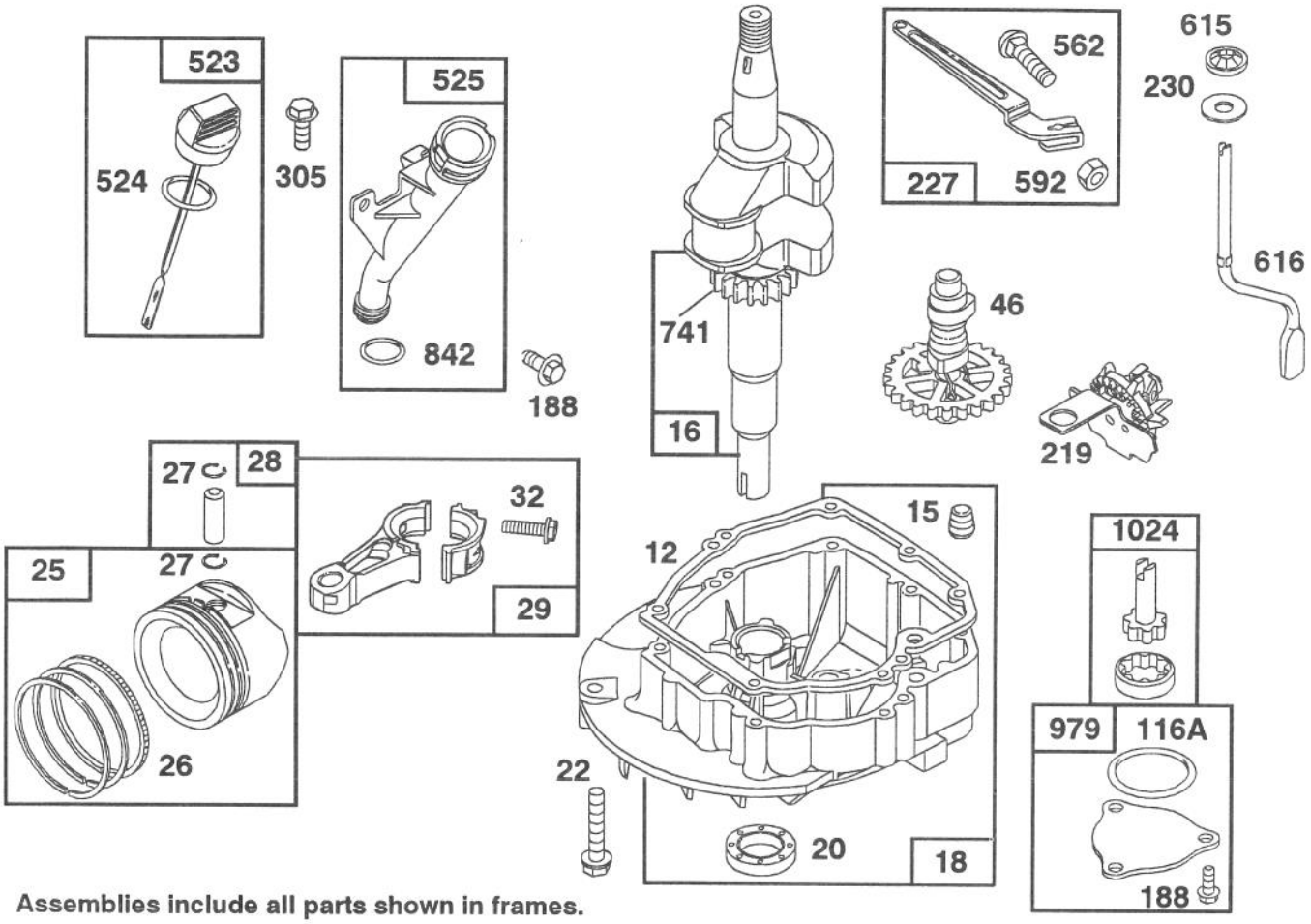
★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
1	77–7590	Cylinder Assy	1
★3	77–9060	Seal–Oil	1
5	77–7730	Head–Cylinder	1
★7	77–7740	Gasket–Cylinder Head	1
8	77–7430	Breather Assy	1
★9	77–7440	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	77–7350	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	77–9090	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
871	77–7850	Bushing–Guide	1
★883	77–7760	Gasket–Exhaust	1
★1022	77–7320	Gasket–Rocker Cover	1
1023	77–7060	Cover–Valve	1
1026	77–7620	Rod–Push	1
1029	77–7790	Arm–Rocker	1
1034	77–7770	Guide–Push Rod	1

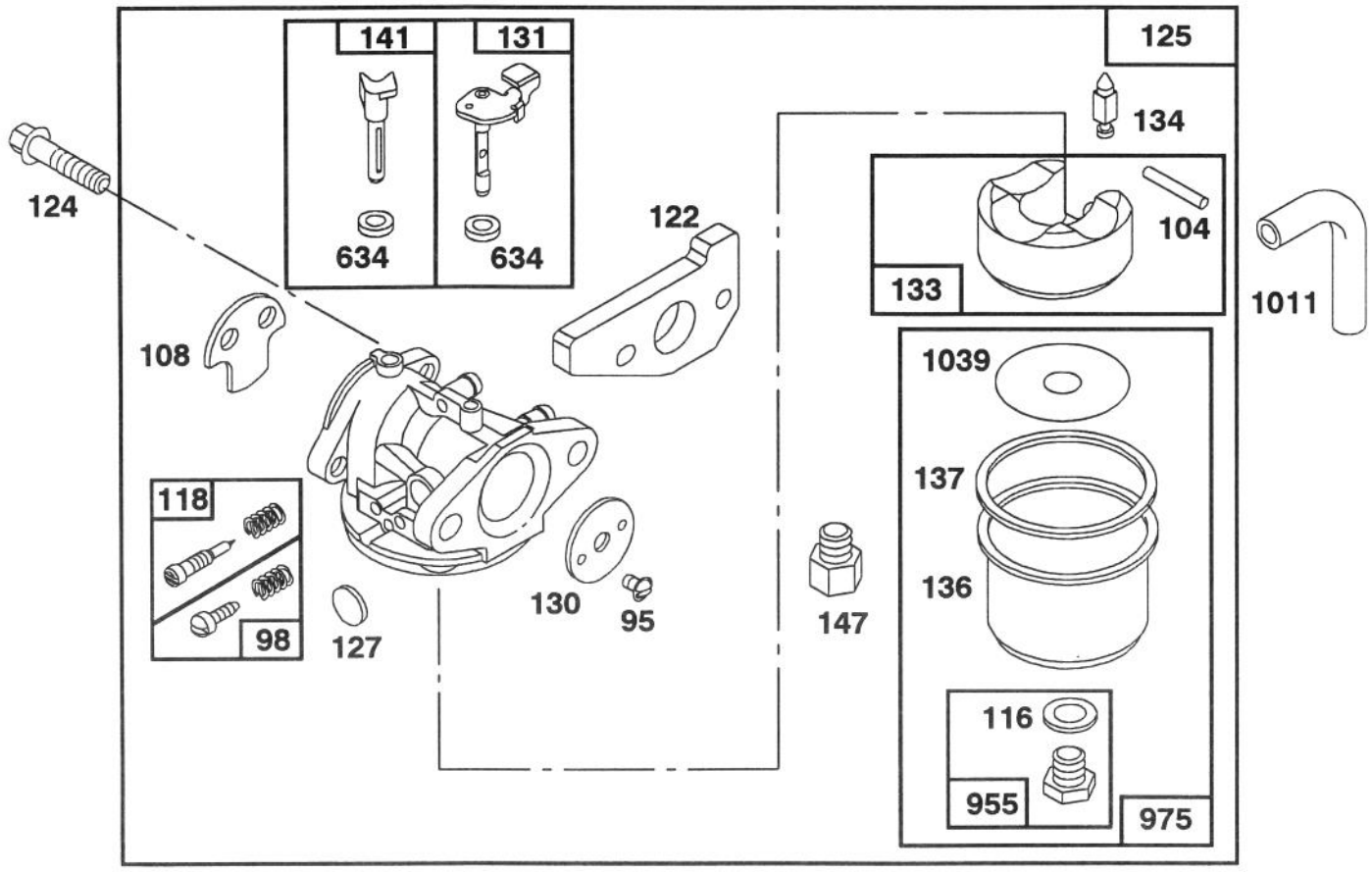


Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
*12	77–7550	Gasket–Engine Base	1
15	77–7580	Plug–Pipe	1
16	77–7520	Crankshaft	
		Note: Order Part No. 77–7540	
		For Timing Gear Key	1
18	77–7560	Base–Engine	1
*20	77–7570	Seal–Oil	1
22	77–9070	Screw–Engine Base	1
25	77–7690	Piston Assy (Std)	1
26	77–7700	Ring Set (Std)	1
27	7707710	Lock–Piston Pin	1
28	77–7720	Pin Assy–Piston	1
29	77–7670	Rod–Connecting	1
32	77–7680	Screw–Connecting Rod	1
46	77–7490	Gear–Cam	1
*116A	77–7660	O–Ring	1

Ref. No.	Part No.	Description	No. Used
188	77–7450	Screw–Hex Head	1
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

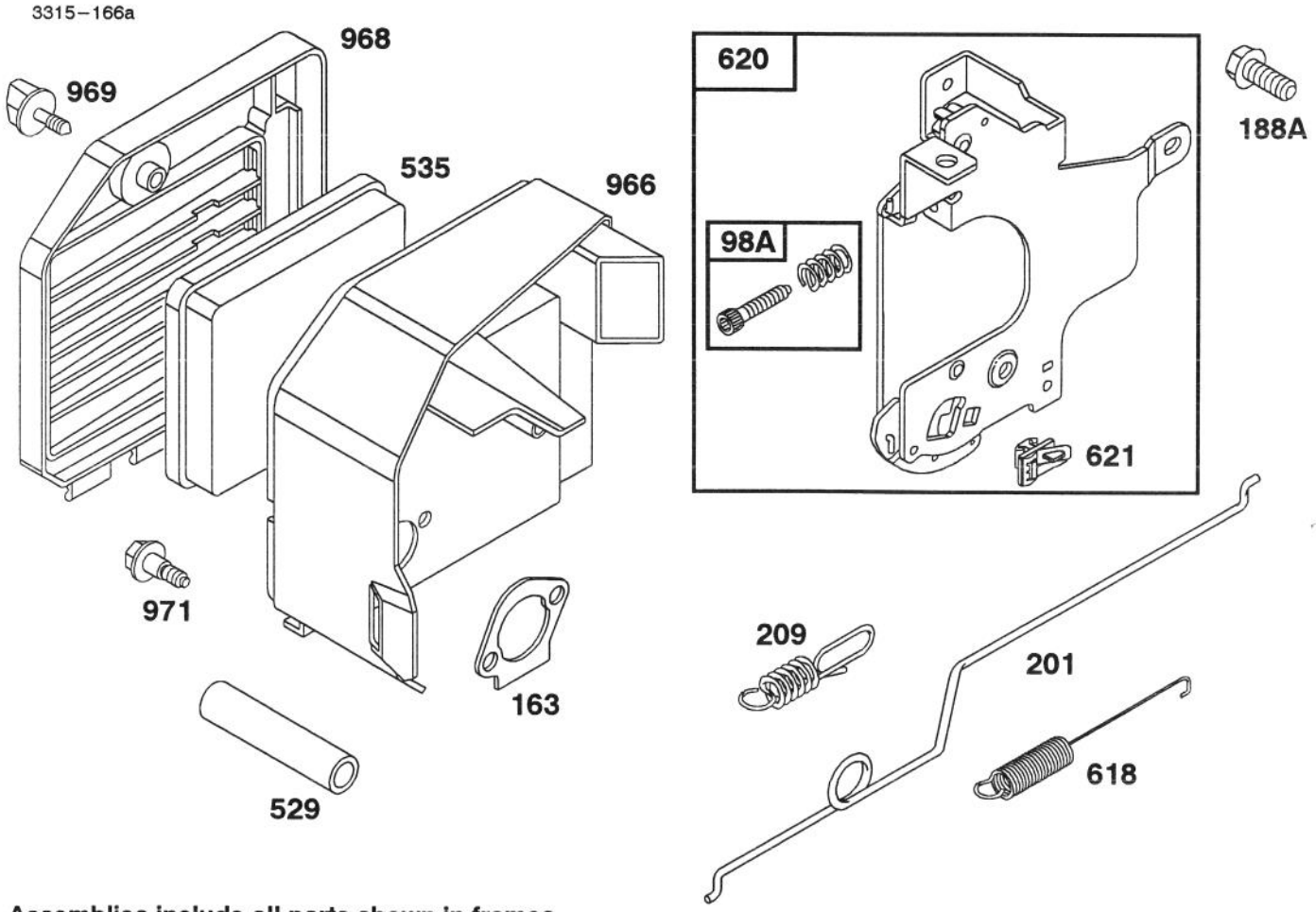


Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
95	77–8090	Screw–Valve Mtg	1
98	77–8240	Screw–Idle Adj	1
•104	77–8180	Pin–Float Hinge	1
108	77–8070	Valve–Choke	1
••◆116	77–8210	Sealing–Gasket	1
•118	77–8230	Valve & Spring–Needle	
•122	77–7820	Adapter Assy	1
124	77–7970	Screw–Hex Head (carb mtg)	1
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

Ref. No.	Part No.	Description	No. Used
•134	77–8110	Valve–Inlet (Includes Seat)	1
136	77–7240	Bowl–Fuel	1
••◆137	77–8200	Gasket–Float Bowl	1
141	77–8130	Shaft–Choke	1
147	77–8120	Adapter–Jet Note: For High Altitude Jet, Order Part No. 77–9000	1
◆634	77–8150	Washer–Seal	1
955	77–8220	Screw–Hex Head	1
975	77–8190	Bowl Assy–Carburetor	1
1011	77–8040	Tube–Vent	1
•1039	77–7250	Limiter–Float	1

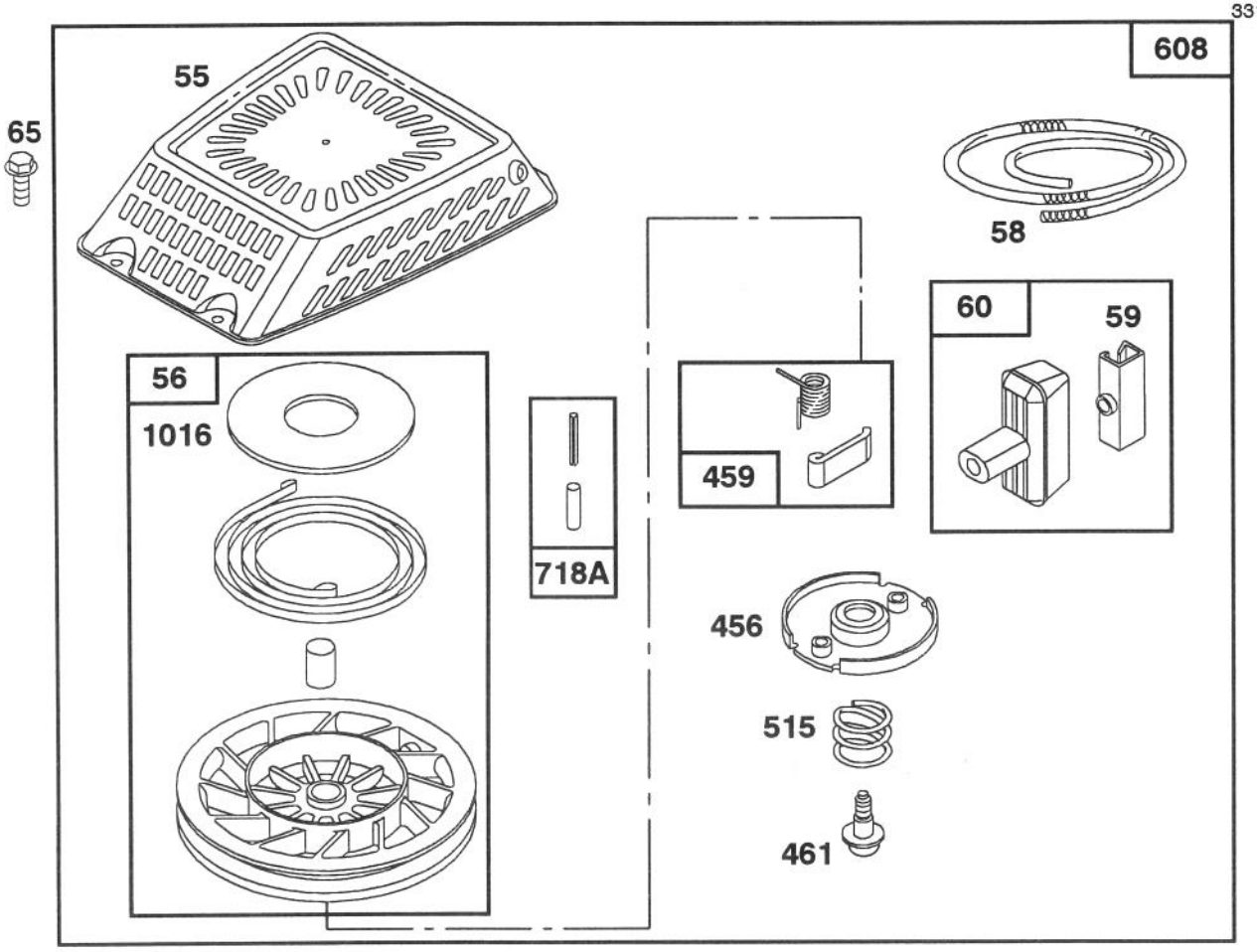


Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
98A	77–8020	Screw Assy–Speed Adj	1
★163	77–7960	Gasket–Air Cleaner	1
188A	77–9210	Screw–Hex Head	1
201	77–7980	Link–Governor	1
209	77–7990	Spring–Governor	1
529	77–8030	Tube–Breather	1
535	77–7950	Element–Filter	1
		Note: 77–9010 Element–Paper (Optional)	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

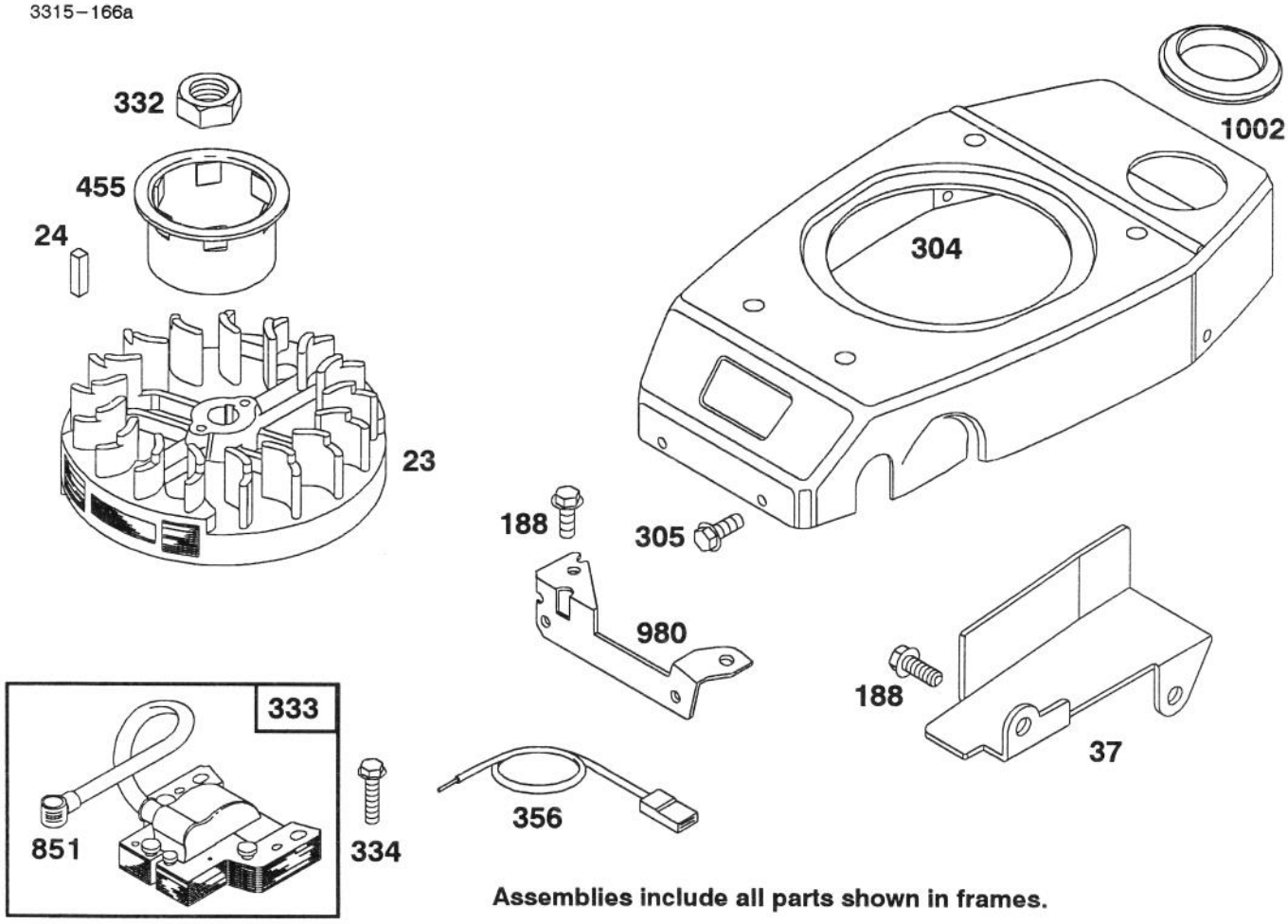


Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
55	77–8890	Housing–Rewind Starter	1
56	77–8560	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

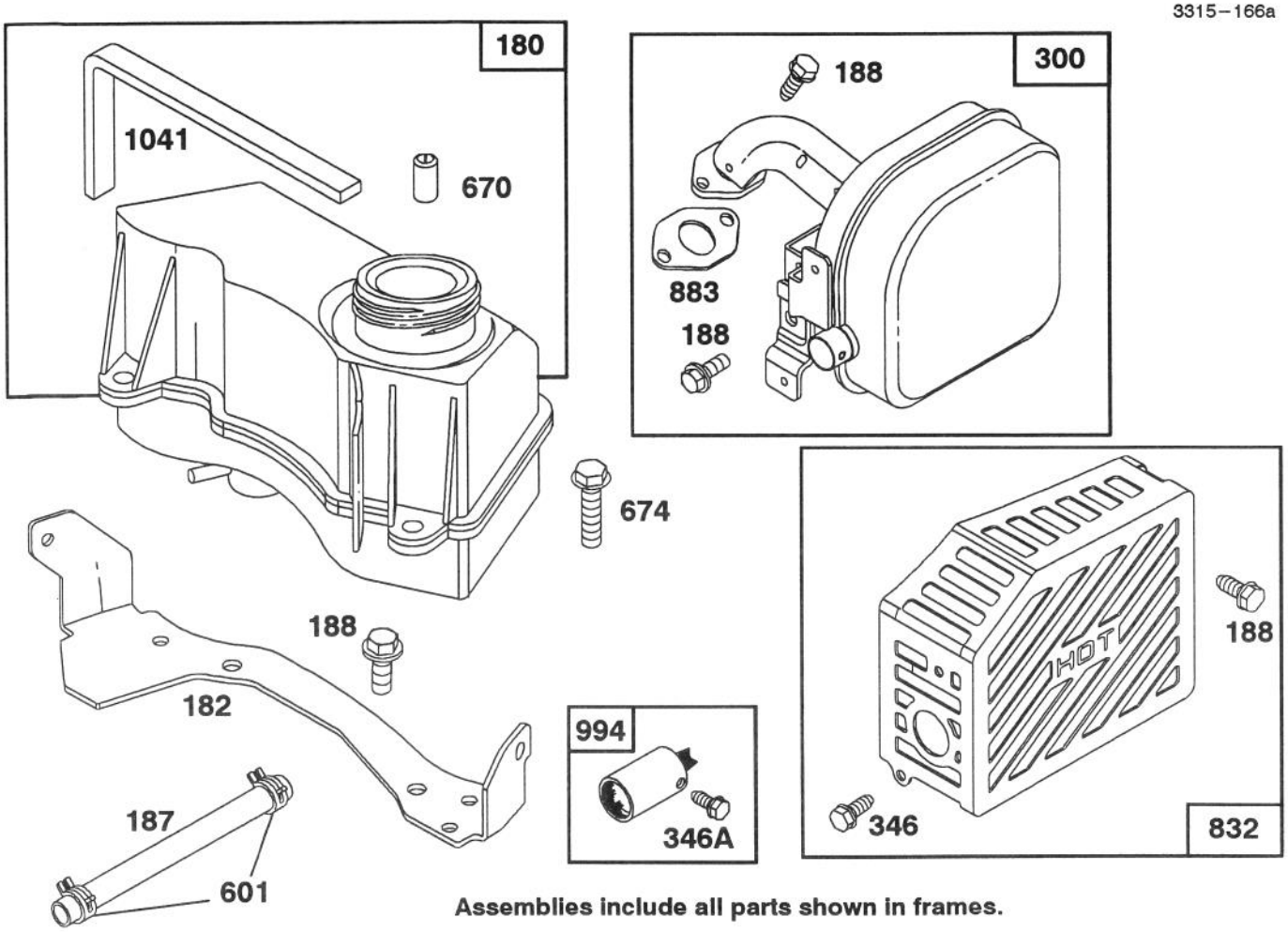


Assemblies include all parts shown in frames.

ENGINE GTS 150 77-9113

Ref. No.	Part No.	Description	No. Used
23	77-8330	Flywheel-Magneto	1
24	77-8340	Key-Flyweel	1
37	77-7190	Guard-Flywheel	1
188	77-7450	Screw-Hex Head	1
304	77-8260	Housing-Blower	1
305	77-8310	Screw-Hex Head (bl hsg)	1
332	77-8360	Nut-Flywheel	1

Ref. No.	Part No.	Description	No. Used
333	77-8420	Armature-Magneto	1
334	77-8440	Screw-Armature Mtg.	1
356	77-8400	Wire-Ground	1
455	77-8350	Cup-Starter	1
851	77-8430	Terminal-Spark Plug	1
980	77-7140	Bracket-Blower Housing	1
1002	77-7180	Grommet	1

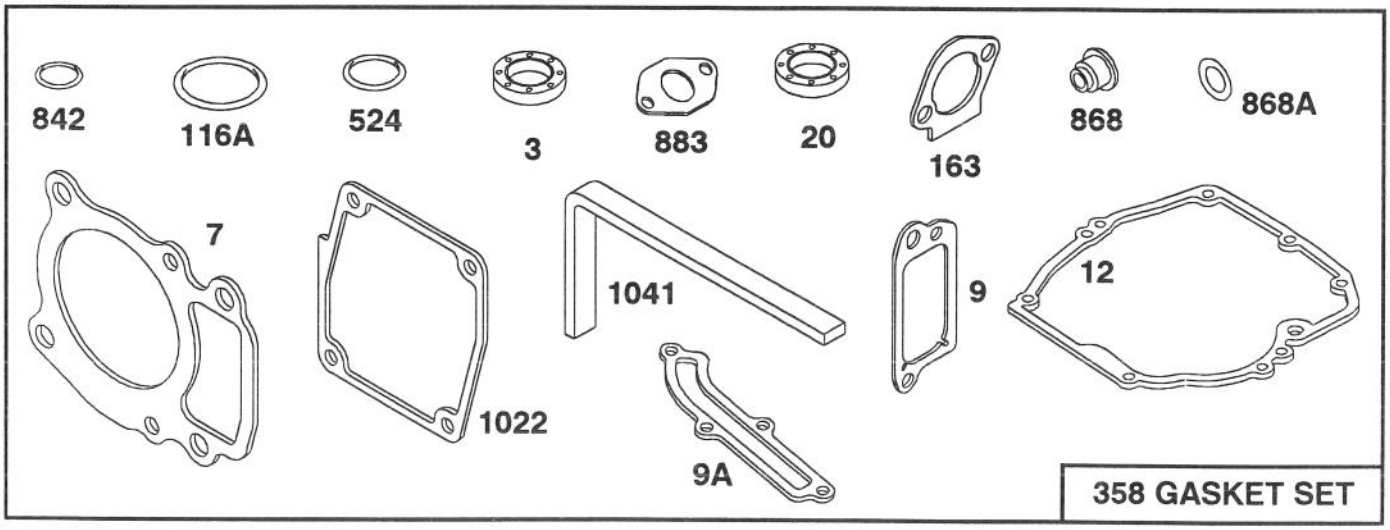


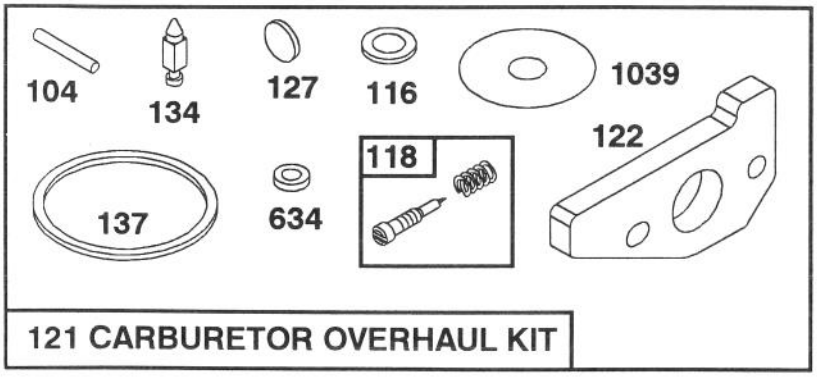
Assemblies include all parts shown in frames.

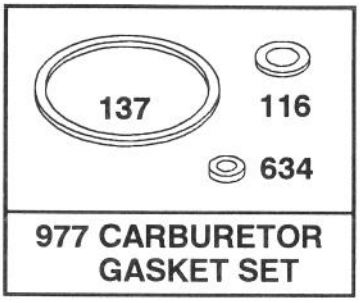
ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
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	1
300	77–8640	Muffler–Exhaust	1
346	77–8650	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







Assemblies include all parts shown in frames.

ENGINE GTS 150 77–9113

Ref. No.	Part No.	Description	No. Used
★3	77–9060	Seal–Oil	1
★ 7	77–7740	Gasket–Cylinder Head	1
★9	77–7440	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	Sealing–Gasket	1
★116A	77–7660	O–Ring	1
●118	77–8230	Valve & Spring–Needle	1
121	77–8920	Overhaul Kit–Carburetor	1
●122	77–7820	Adapter Assy.	1
●127	77–8100	Plug–Welch	1
●134	77–8110	Valve–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

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

Date								

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

AL-921287

Litho in U.S.A.

MAINTENANCE RECORD

Date								