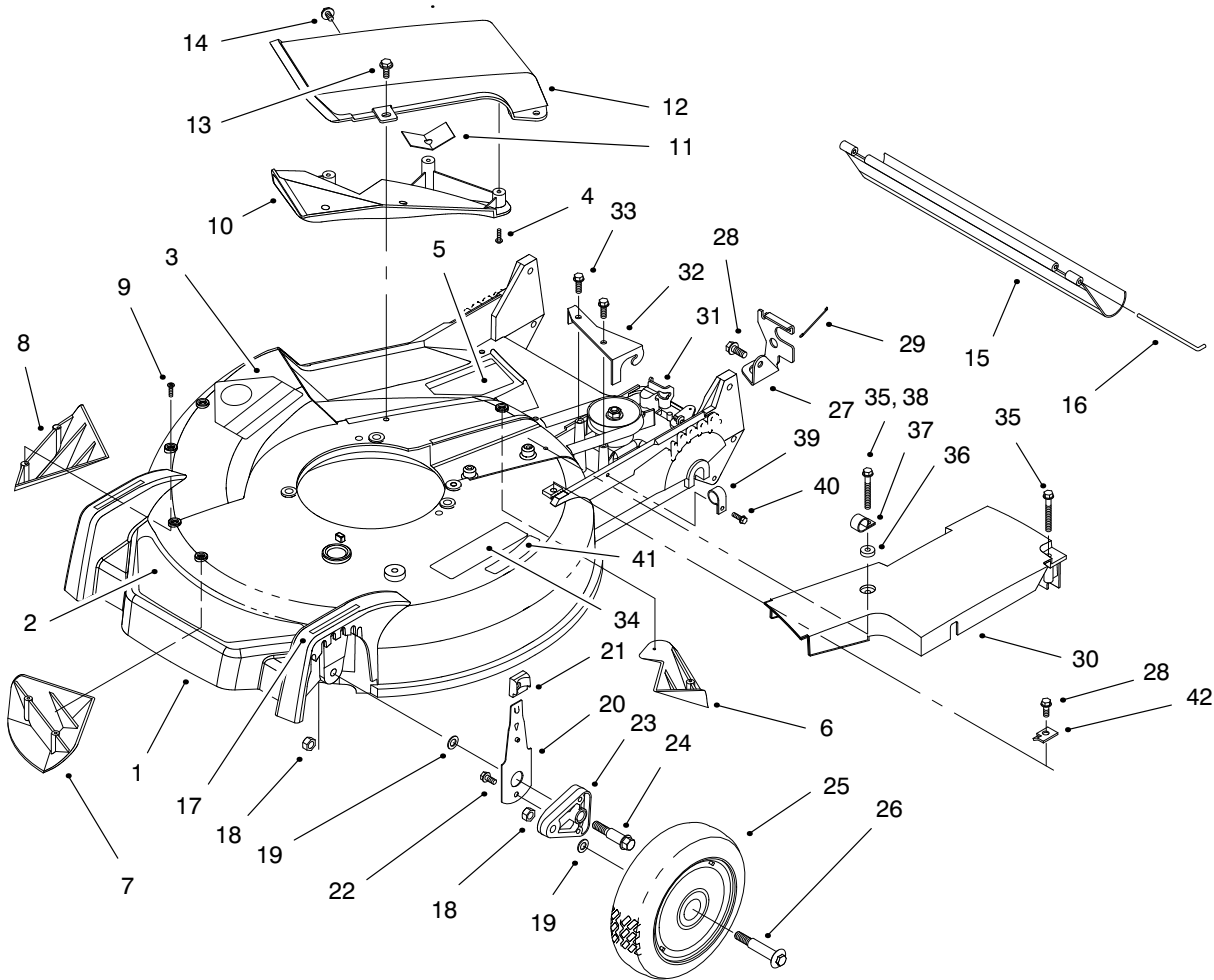




<b>MODEL NO. 20465-690001 &amp; UP</b> <b>MODEL NO. 20466-690001 &amp; UP</b>	<b>PARTS</b> <b>CATALOG</b>
<b>21" RECYCLER<sup>®</sup></b> <b>Mower</b>	

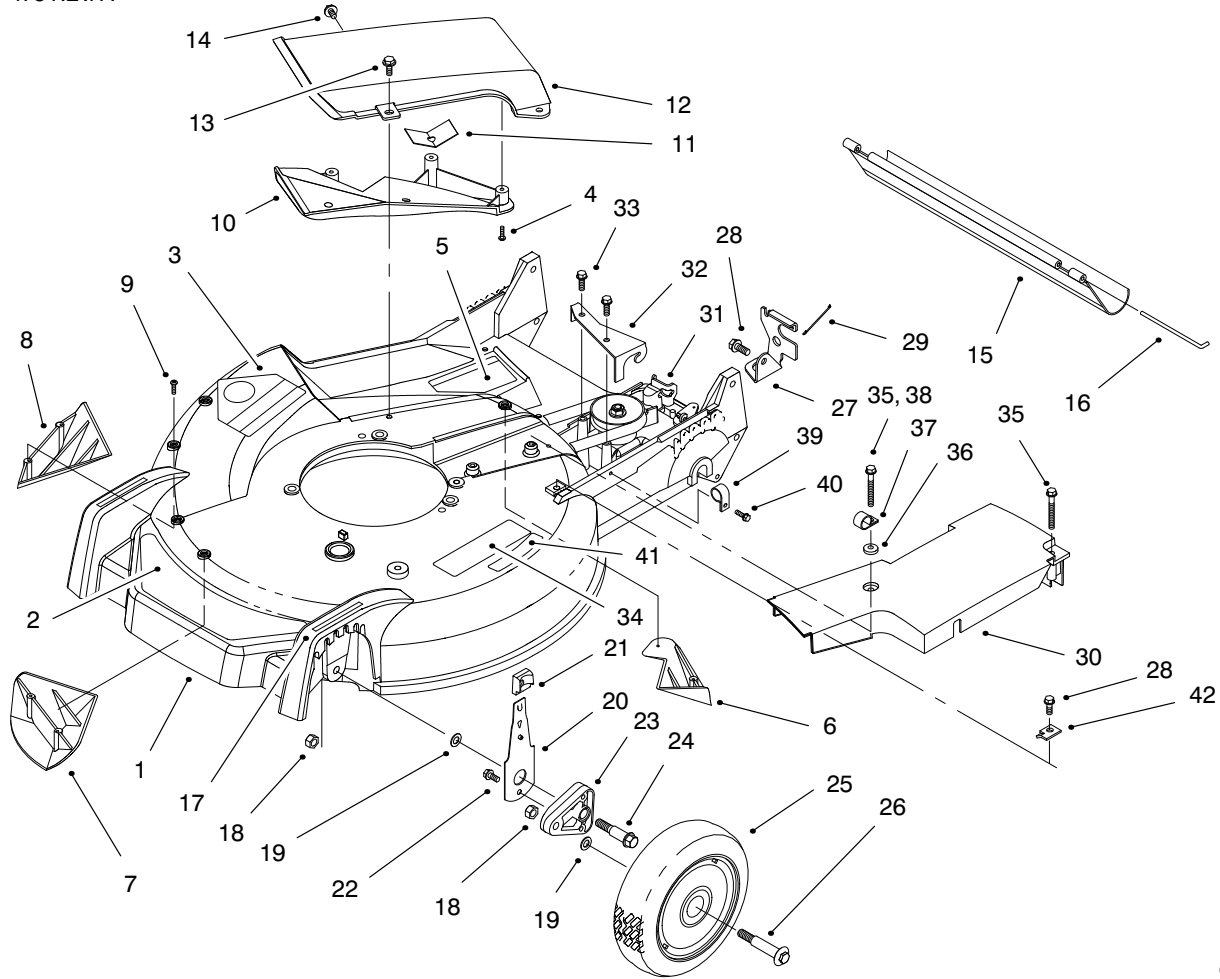


C-2267

## HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	16-9589	Housing - 21" (Incl. Ref. #1, 3, 5-9 pg. 1) (Incl. Ref. # 34, & 41 pg. 2)	1
2	93-3696	Decal - Deck	1
3	43-8480	Decal - Danger	1
4		Screw - PPH	5
5	82-8450	Decal - Danger Deck	1
6	92-1750	Plate - Kicker Rear	1
7	92-1720	Kicker - RH Front	1
8	92-1730	Kicker - LH Front	1
9	32144-111	Screw - PPH	6
10		Deflector - Recycler	1
11		Guard - Cover	1
12	14-4069	Cover - Recycler (Incl. Ref. #4, 10-11)	1
13	46-6811	Screw - Hex Washer Hd.	3
14	46-6810	Screw - Hex Washer Hd.	1

Ref. No.	Part No.	Description	No. Used
15	44-0580	Shield - Trailing	1
16	33-3208	Rod - Shield	1
17	92-2279	Decal - HOC	4
18	3296-6	Nut - Lock	6
19	40-1940	Washer	4
20	66-0541	Spring Arm Ass'y - Front	2
21	25-7740	Knob - Arm	4
22	32144-85	Screw - Hex Hd.	4
23	66-0580	Arm - Pivot	2
24	66-0560	Screw - Shoulder	2
25	14-9989	Wheel & Tire Assembly	2
26	27-6232	Bolt - Wheel	4
27	82-5680	Bracket - Adjustment Trac.	1
28	32144-70	Screw - Tapping	5
29	46-7030	Retainer - Cable	1
30	82-9910	Cover - Belt	1
31	62-6673	Gear Case Assembly	1

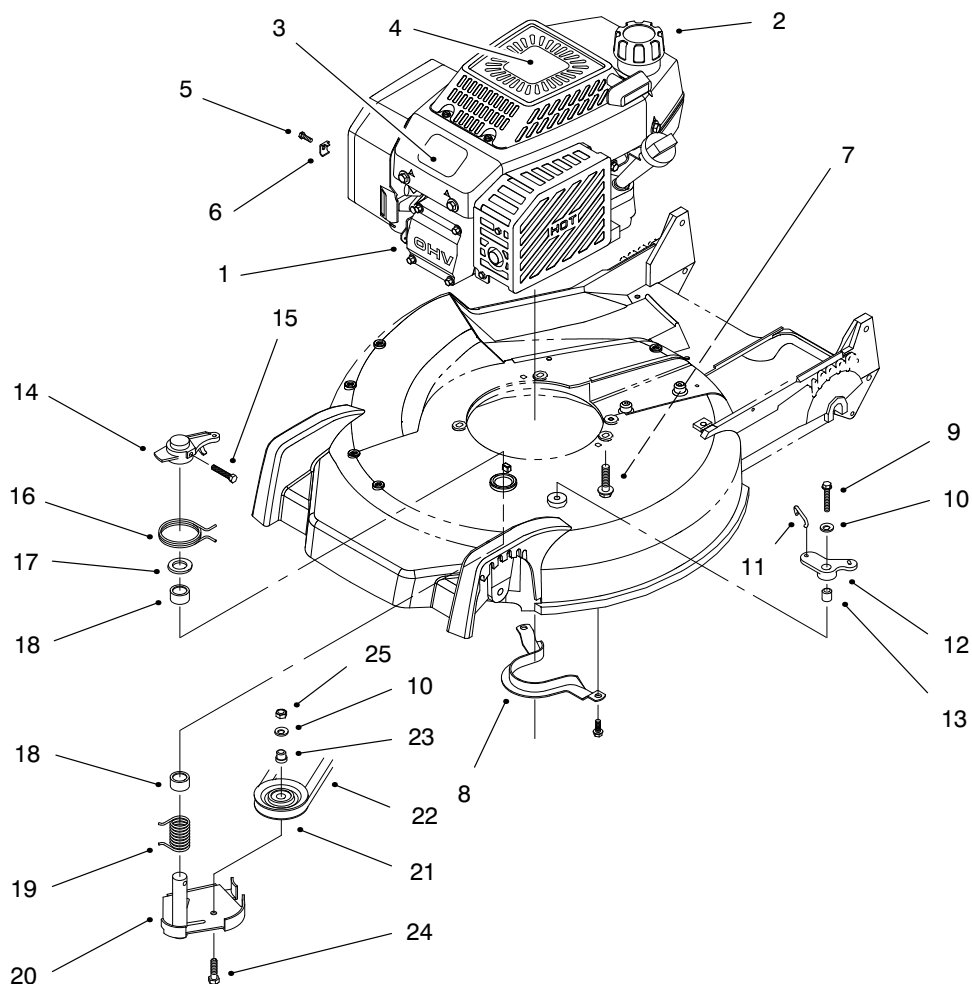


C-2267

## HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	62-4320	Bracket - Guide Belt	1
33	49-2040	Screw - Hex Hd.	2
34	93-0248	Decal - Warning	1
35	37-7260	Screw - Tapping (Model No. 20465 Only)	2
35	37-7260	Screw - Tapping (Model No. 20466 Only)	1
36	3-5792	Washer (Model No. 20466 Only)	1
37	2412-87	Clamp - Cable (Model No. 20466 Only)	1

Ref. No.	Part No.	Description	No. Used
38	37-7262	Screw - Special (Model No. 20466 Only)	1
39	2412-83	R-Clamp (Model No. 20466 Only)	1
40	32144-112	Screw - Thr'd Form (Model No. 20466 Only)	1
41	46-7370	Decal - Step Pad	1
42	62-3720	Clamp - Cable	1

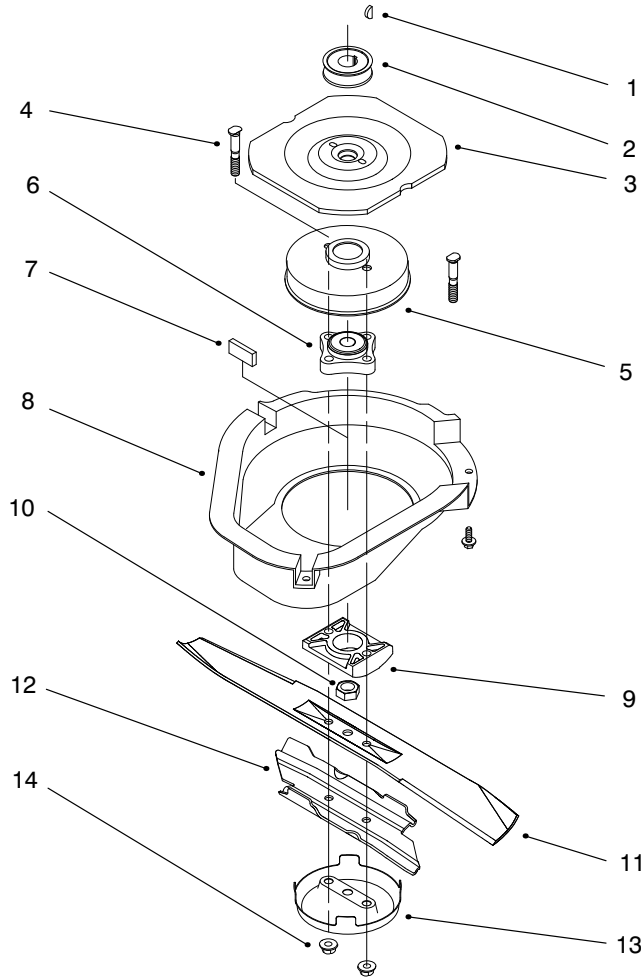


C-2268

## ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-1605	Engine - GTS 150 (Model No. 20465 Only)	1	12	49-7960	Crank - Bell	1
1	94-1606	Engine - GTS 150 (Model No. 20466 Only)	1	13	49-7950	Sleeve - Bell Crank	1
2	55-3570	Gas Cap Assembly	1	14	49-2820	Lever	1
3	92-2289	Plate - Logo Toro	1	15	32104-96	Screw - Hex Socket Hd.	1
4	94-6060	Decal - Engine	1	16	49-7970	Spring - Torsion Upper	1
5	93-8470	Screw - Clamp (P/W Eng.)	1	17	70-1160	Washer - PM	1
6	2210-249	Clamp - Casing (P/W Eng.)	1	18	68-9780	Bearing	2
7	32144-102	Screw	3	19	46-5670	Spring - Torsion Lower	1
8	66-0570	Guide - Belt	1	20	94-1601	Brake Plate Assembly	1
9	32104-107	Screw - Hex Hd.	1	21	46-5650	Pulley - Idler	1
10	3256-23	Washer - Flat	2	22	42-0884	V-Belt - BBC	1
11	49-2810	Link - Control	1	23	46-5630	Hub - Pulley Idler	1
				24	322-16	Screw - Hex Hd. Cap	1
				25	3296-47	Nut - Lock	2
				*	77-9280	Short Block	1

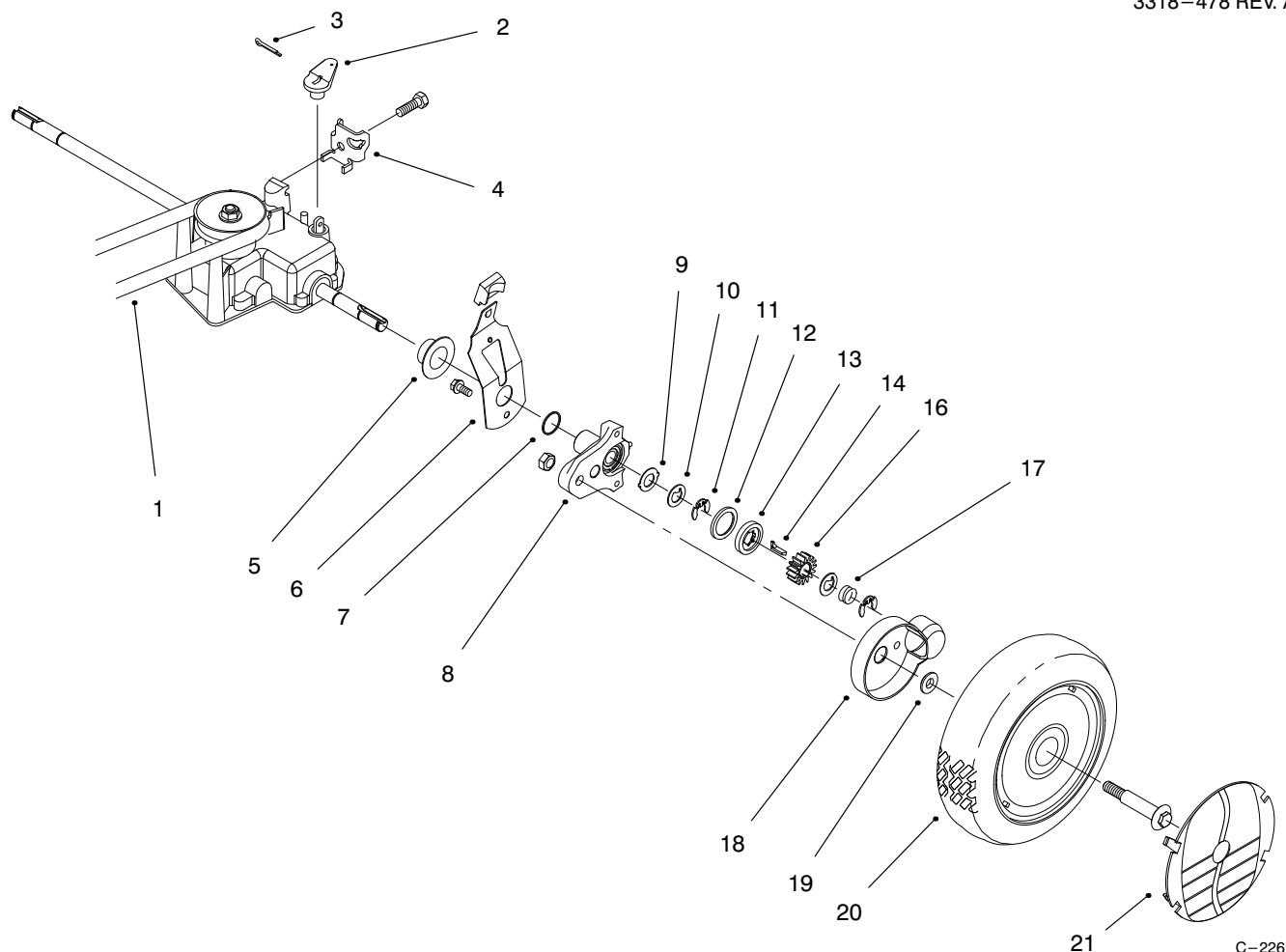
\* Not Illustrated



C-2269

## BLADE BRAKE CLUTCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3257-17	Key - Woodruff	1	8	46-5692	Shield - BBC	1
2	62-7560	Pulley - Driver	1	9	93-4126	Spacer - Blade	1
3	56-6160	Flywheel - BBC	1	10	3296-33	Nut - Lock	1
4	42-3190	Bolt - Blade	2	11	93-4106	Blade - 21"	1
5	56-6170	Drum - Brake	1	12	93-4181	Stiffener - Blade	1
6	42-6890	Hub Assembly - BBC	1	13	80-2770	Cup - Anti Scalp	1
7	52-3480	Damper - Vibration	2	14	54-9190	Nut - Lock	2



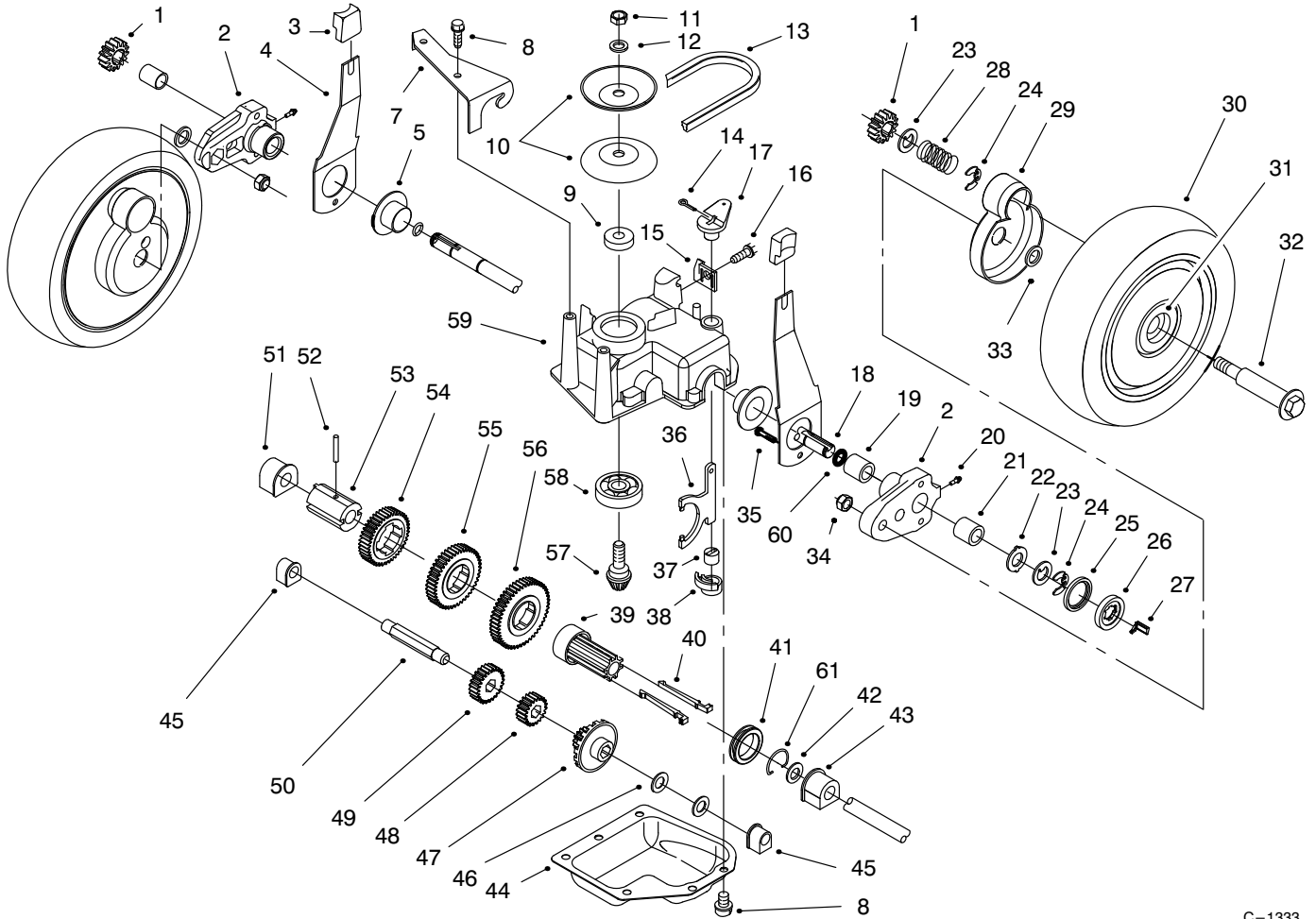
C-2261

## REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-3900	V-Belt	1
2	60-8821	Lever - Shift	1
3	3272-10	Pin - Cotter	1
4	82-8780	Retainer - Cable	1
5	42-3520	Cap - End	2
6	63-8721	Spring Arm Ass'y	2
7	237-153	O-Ring	2
8	63-8701	Pivot Arm Ass'y	2
9	65-4730	Washer - Thrust	2
10	65-4740	Washer - Thrust Keyed	4
11	65-2720	Ring - Retaining	4

Ref. No.	Part No.	Description	No. Used
12	65-4710	Ring - Friction	2
13	65-4760	Washer	2
14	66-6050	Key - Rocking LH	1
*	66-6040	Key - Rocking RH	1
16	65-4750	Gear - Pinion	2
17	65-4720	Spring - Compression	2
18	74-1660	Cover - Wheel	2
19	74-1671	Spacer - Cover Wheel	2
20	16-0029	Wheel & Tire Assembly	2
21	91-2253	Cover - Wheel	1

\* Not Illustrated



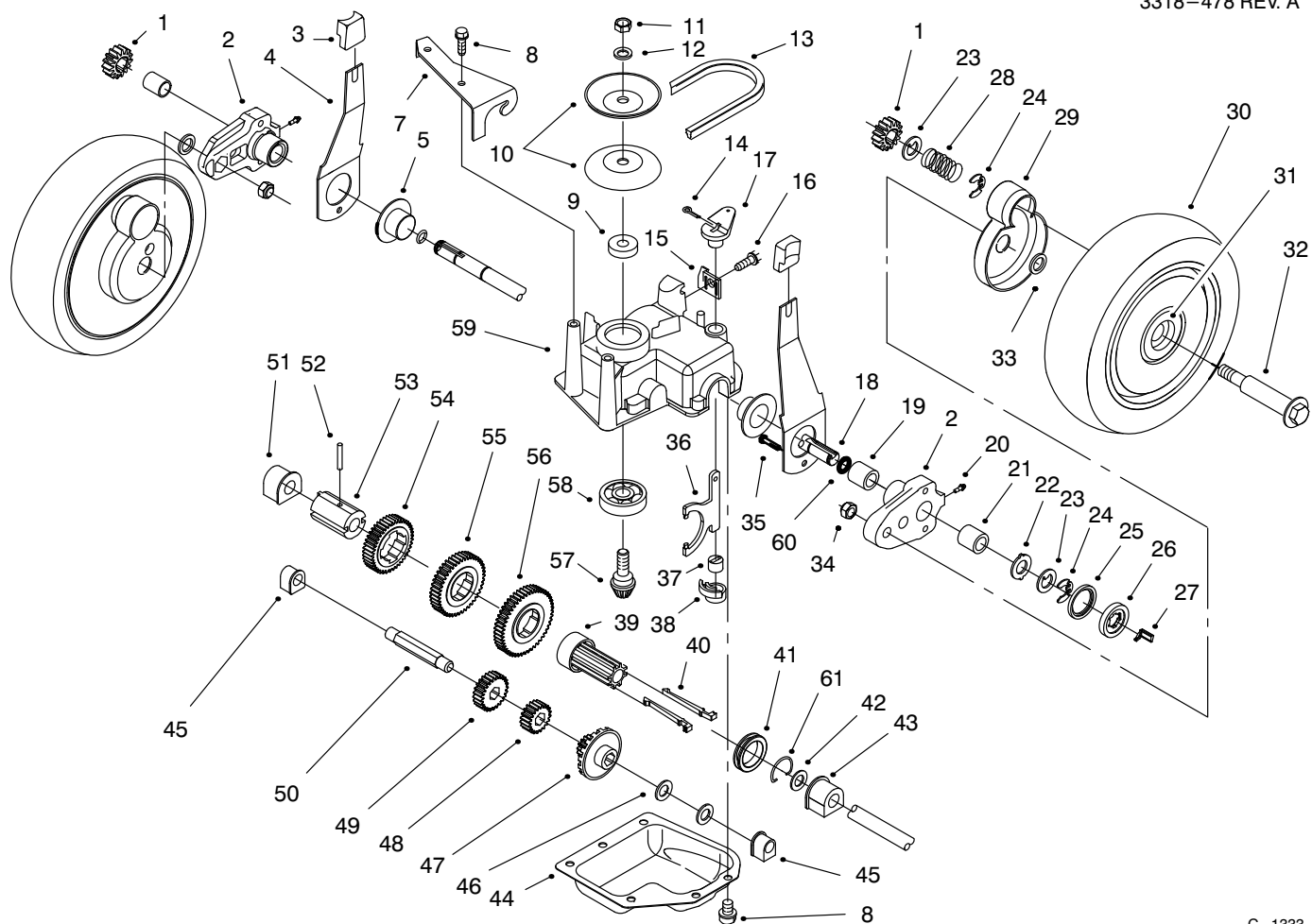
C-1333

## GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	65-4750	Pinion	2
2	63-8701-03	Pivot Arm Assembly (Incl. Ref # 19, 20, & 21)	2
3	25-7740	Knob - Arm	2
4	63-8721	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	16-0029	Wheel - Tire & Gear Ass'y (Incl. Ref. # 31)	2
31	27-6250	Bushing - Wheel	4
32	27-6232	Wheel Bolt	2
33	74-1670	Spacer - Wheel Cover	2
34	3296-6	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

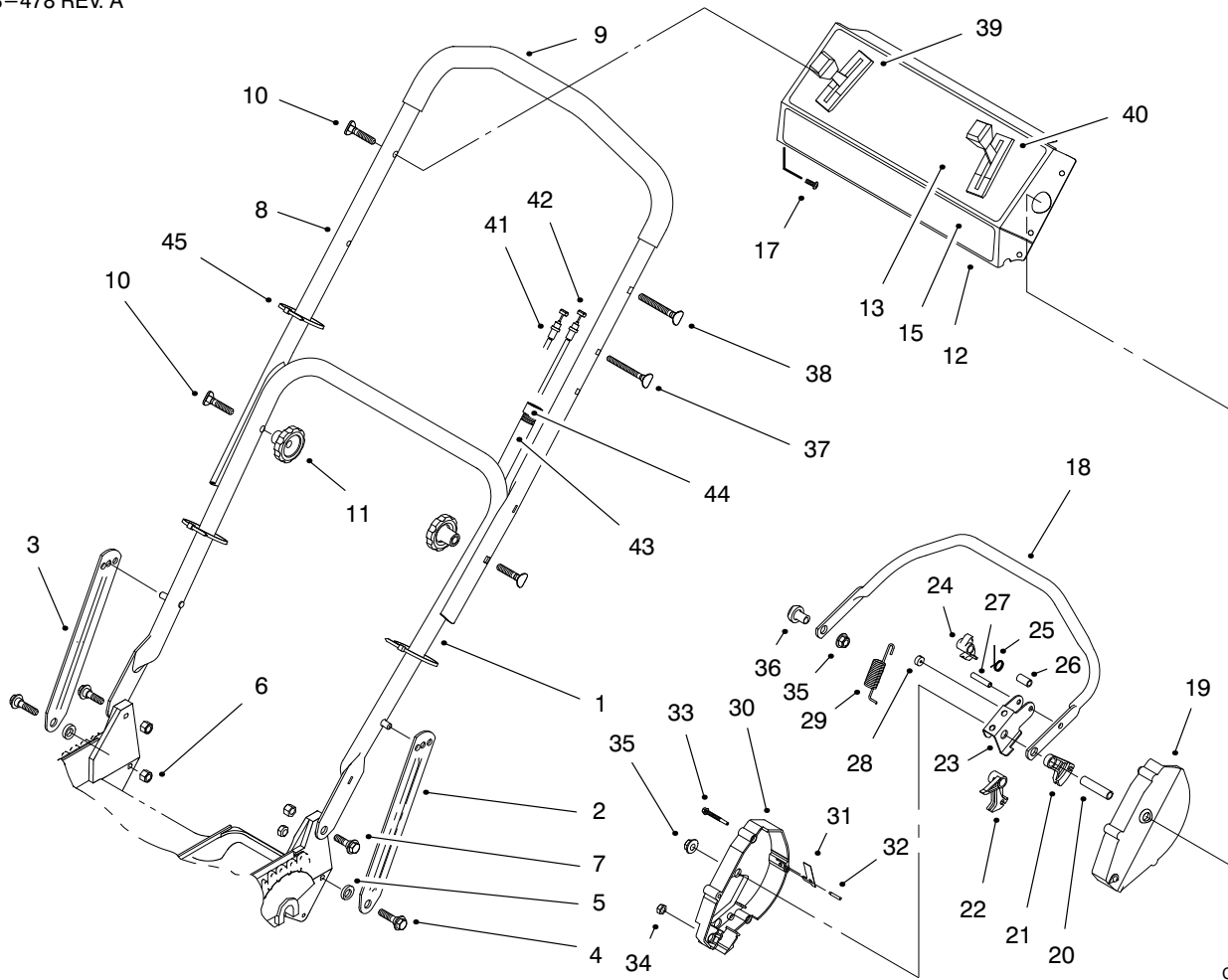


C-1333

## 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

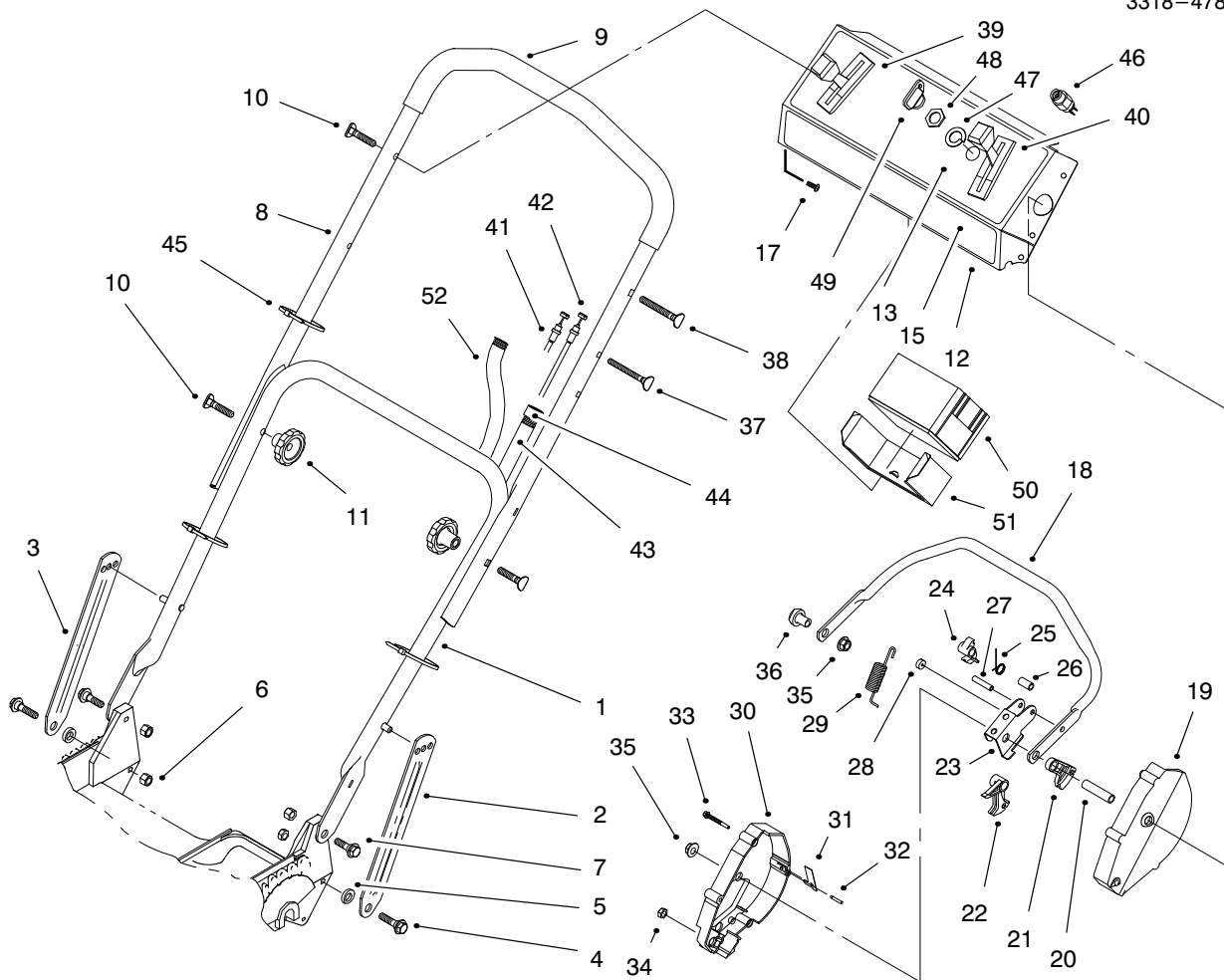


C-2270

## HANDLE ASSEMBLY (Model No. 20465 Only)

Ref. No.	Part No.	Description	No. Used
1	82-5531	Handle - Lower	1
2	84-8361	Latch - Handle LH	1
3	84-8401	Latch - Handle RH	1
4	27-7210	Screw - Shoulder	2
5	3-3287	Spacer	2
6	3296-72	Nut - Lock	3
7	27-7211	Screw - Shoulder	2
8	92-2277	Handle - Upper	1
9	92-4086	Grip - Foam	1
10	92-2260	Screw - Handle	3
11	19-4050	Knob	2
12	16-9569	Panel - Control (Incl. Ref. #13)	1
13	93-7167	Decal - Instruction	1
15	93-3697	Decal - Panel Front	1
17	92-9665	Screw - Phillips Hd.	4
18	52-7430	Bar - Control	1
19	46-5460	Housing - Control LH	1
20	46-5590	Spacer	1
21	46-5520	Lever - Traction	1
22	66-0180	Rocker	1
23	46-5540	Lever - Cable	1

Ref. No.	Part No.	Description	No. Used
24	46-5530	Hook - Control	1
25	46-5510	Spring - Torsion	1
26	46-5550	Bushing - PM	1
27	32121-9	Pin - Roll	1
28	66-0170	Washer - Nylon	1
29	66-0190	Spring - Detent	1
30	66-0160	Housing - Control RH	1
31	52-7410	Spring - Leaf	1
32	57-6290	Pin - Insert	1
33	46-7040	Screw - Hex Washer Hd.	3
34	3296-75	Nut - Lock	1
35	3296-74	Nut - Flange	2
36	49-1630	Spacer - Support	1
37	92-2267	Screw - Handle	1
38	92-2261	Screw - Handle	1
39	76-2712	Control - Speed Ground	1
40	71-8391	Control - Control	1
41	83-6600	Cable - Clutch	1
42	46-5480	Cable - Traction	1
43	46-6440	Cover - Cables Control	1
44	2412-50	Clip - Tubing Convoluted	4
45	3290-378	Tie - Cable	3

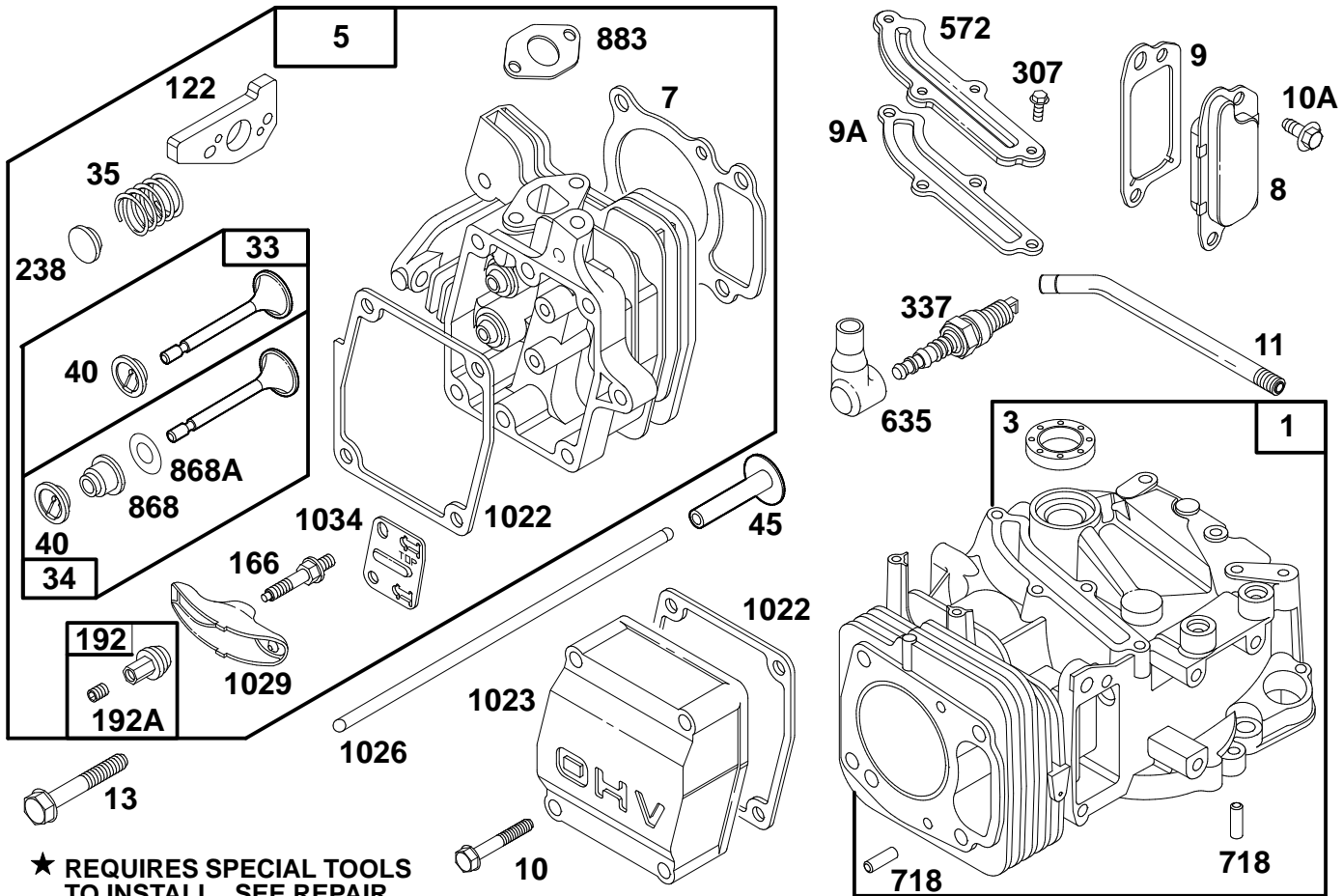


C-2271

## HANDLE ASSEMBLY (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	82-5531	Handle - Lower	1	29	66-0190	Spring - Detent	1
2	84-8361	Latch - Handle LH	1	30	66-0160	Housing - Control RH	1
3	84-8401	Latch - Handle RH	1	31	52-7410	Spring - Leaf	1
4	27-7210	Screw - Shoulder	2	32	57-6290	Pin - Insert	1
5	3-3287	Spacer	2	33	46-7040	Screw - Hex Washer Hd.	3
6	3296-72	Nut - Lock	3	34	3296-75	Nut - Lock	1
7	27-7211	Screw - Shoulder	2	35	3296-74	Nut - Flange	2
8	92-2277	Handle - Upper	1	36	49-1630	Spacer - Support	1
9	92-4086	Grip - Foam	1	37	92-2267	Screw - Handle	1
10	92-2260	Screw - Handle	3	38	92-2261	Screw - Handle	1
11	19-4050	Knob	2	39	76-2712	Control - Speed Ground	1
12	16-9579	Panel - Control (Incl. Ref. #13)	1	40	71-8391	Control - Control	1
13	93-7168	Decal - Instruction	1	41	83-6600	Cable - Clutch	1
15	92-3146	Decal - Panel Front	1	42	46-5480	Cable - Traction	1
17	92-9665	Screw - Phillips Hd.	4	43	46-6440	Cover - Cables Control	1
18	52-7430	Bar - Control	1	44	2412-50	Clip - Tubing Convolved	4
19	46-5460	Housing - Control LH	1	45	3290-378	Tie - Cable	3
20	46-5590	Spacer	1	46	46-5780	Switch - Starter (Incl. Ref. #47 & 48)	1
21	46-5520	Lever - Traction	1	47	3254-5	Washer - Lock	1
22	66-0180	Rocker	1	48	218-461	Nut - Hex	1
23	46-5540	Lever - Cable	1	49	63-8360	Key - Ignition	1
24	46-5530	Hook - Control	1	50	55-7520	Battery Assembly	1
25	46-5510	Spring - Torsion	1	51	55-8180	Retainer - Battery	1
26	46-5550	Bushing - PM	1	52	80-4790	Harness - Wire	1
27	32121-9	Pin - Roll	1	*	92-1743	Charger - Battery	1
28	66-0170	Washer - Nylon	1				

\* Not Illustrated



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

Assemblies include all parts shown in frames.

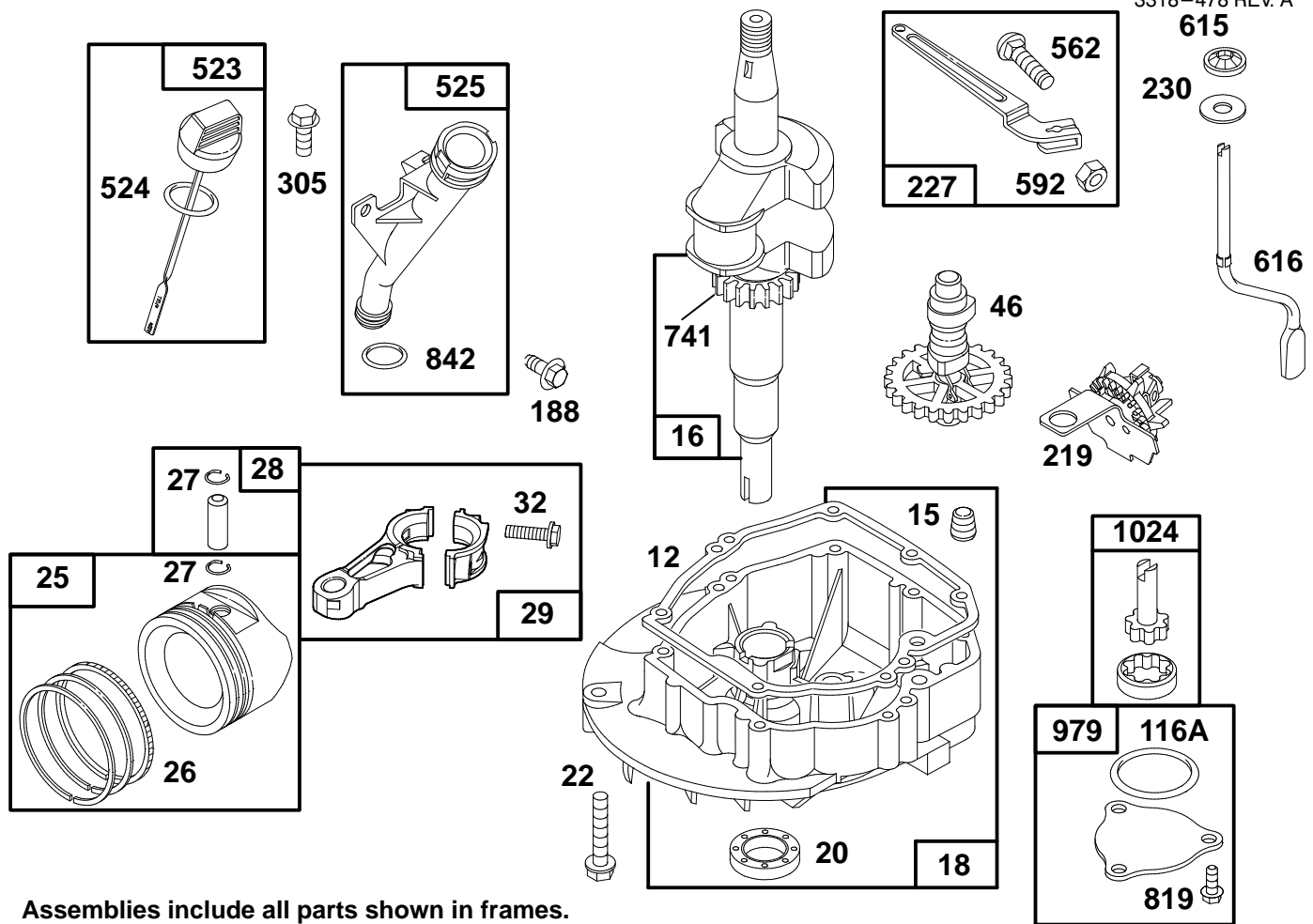
## ENGINE GTS 150 (Model No. 20465 Only)

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)	1
10A	77-9200	Screw - Hex Head	1
11	77-9410	Tube - Breather	1
13	77-7630	Screw - Cylinder Head	1
33	77-7860	Valve - Exhaust	1
34	77-7880	Valve - Intake	1
35	77-7810	Spring - Valve	1
40	77-7870	Retainer - Spring	1
45	77-7610	Tappet - Valve	1
‡122	77-7820	Adapter Assy	1
166	77-7780	Stud - Rocker Arm	1

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 - Dowel	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

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

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

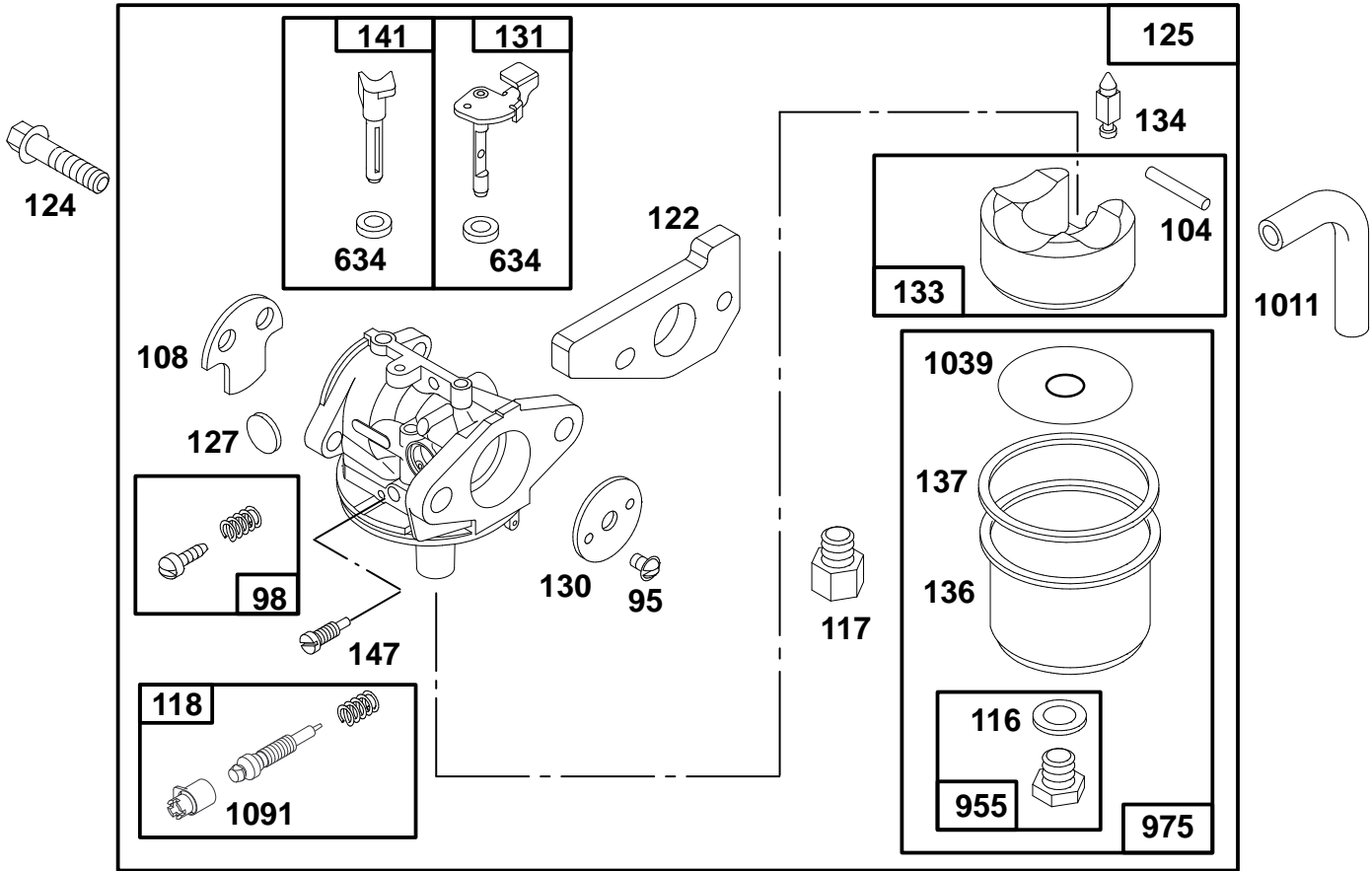


Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20465 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†12	77-7550	Gasket – Engine Base	1	219	77-7500	Gear – Governor	1
15	77-9240	Plug – Pipe	1	227	77-7370	Lever Assembly – Governor	1
16	77-7510	Crankshaft	1	230	77-7470	Washer	1
		Note: Order Part No. 77-7540 For Timing Gear Key	1	305	77-8310	Screw – Hex Head	1
18	77-7560	Base – Engine	1	523	77-7260	Dipstick – Oil	1
†20	77-7570	Seal – Oil	1	†524	77-7270	Seal – O-Ring	1
22	77-9070	Screw – Engine Base	1	525	77-7280	Tube – Oil Fill	1
25	77-7690	Piston Assy (Std.)	1	562	77-7380	Bolt – Governor Lever	1
26	77-7700	Ring Set (Std.)	1	592	77-7390	Nut – Hex	1
27	77-7710	Lock – Piston Pin	1	615	77-7480	Push Nut	1
28	77-9340	Pin Assembly – Piston	1	616	77-7460	Crank – Governor	1
29	77-7670	Rod – Connecting	1	741	77-7530	Gear – Timing	1
32	77-7680	Screw – Connecting Rod	1	†842	77-7300	Seal – O-Ring	1
46	77-7490	Gear – Cam	1	819	77-7450	Screw – Cap	1
†116A	77-7660	O-Ring	1	979	77-7650	Cover – Oil Pump	1
188	77-9360	Screw – Hex Head	1	1024	77-7640	Pump – Oil	1

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



Assemblies include all parts shown in frames.

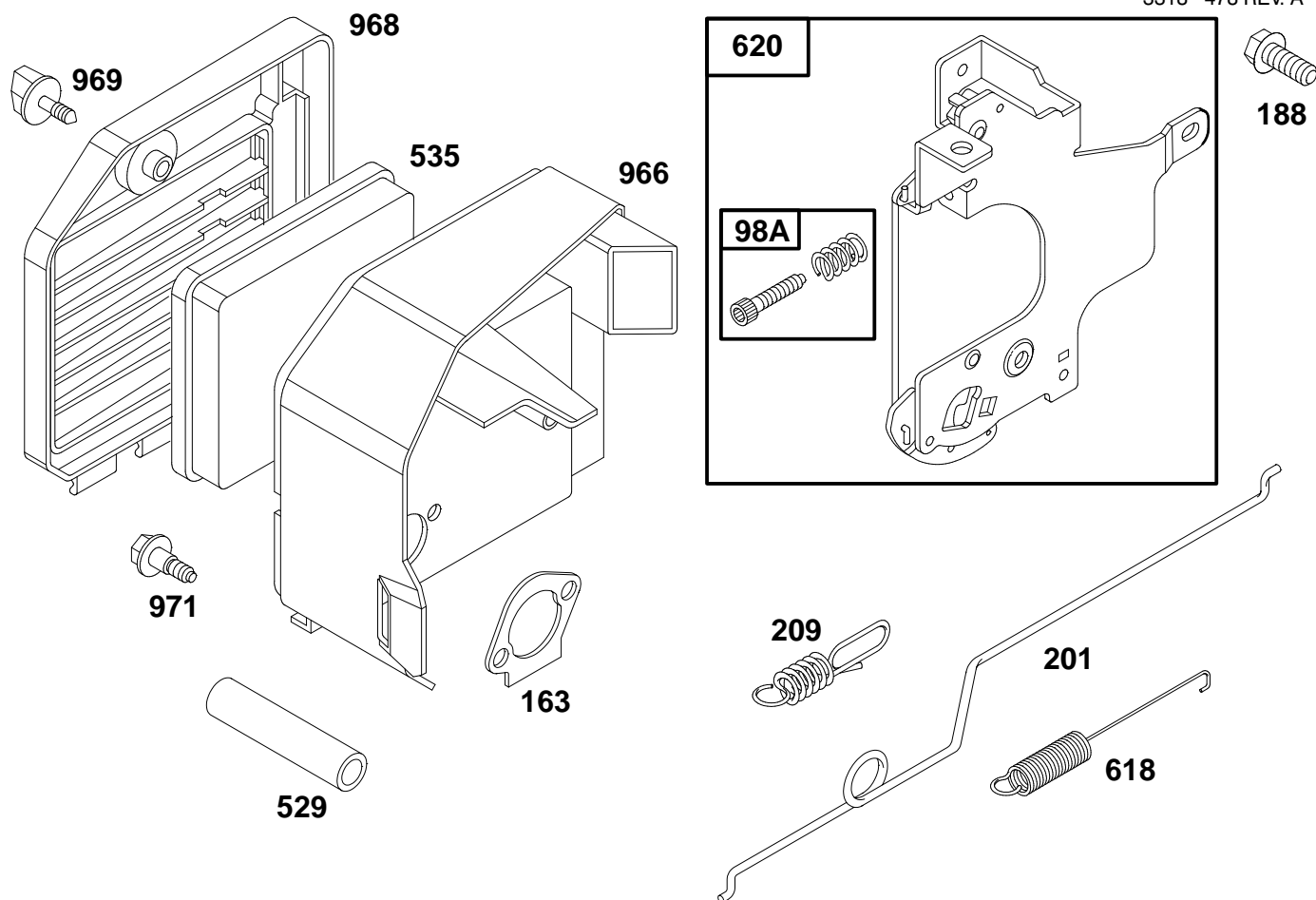
## ENGINE GTS 150 (Model No. 20465 Only)

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	77-9600	Valve - Choke	1
‡*116	77-8210	Gasket - Sealing	1
‡117	77-9610	Jet - Main	1
		Note: For High Altitude Jet, Order Part No. 94-1650	1
‡118	77-9620	Valve & Spring - Needle	1
‡122	77-7820	Adapter Assy	1
124	77-7970	Screw - Hex Head (Carb. Mtg.)	1
125	77-9630	Carburetor Assy	1
‡127	94-1651	Plug - Welch	1

Ref. No.	Part No.	Description	No. Used
130	77-8080	Valve - Throttle	1
131	77-8160	Shaft - Throttle	1
133	77-8170	Float - Carburetor	1
‡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	77-9640	Jet - Pilot	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
‡1091	77-9650	Cap - Limiter	1

‡ Included in Gasket Set - Part No. 77-9580

\* Included in Gasket Set - Part No. 77-8930



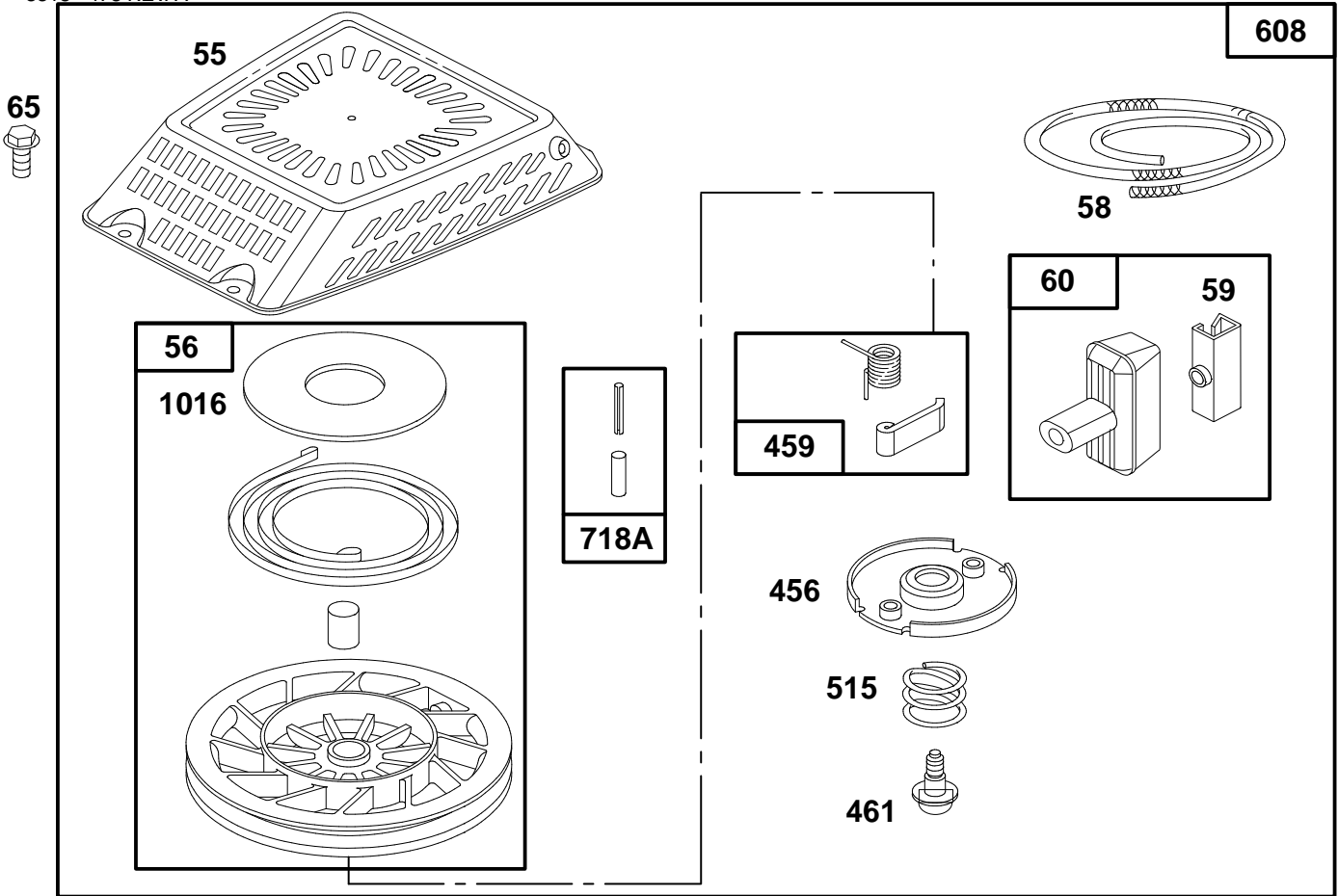
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20465 Only)

Ref. No.	Part No.	Description	No. Used
98A	77-8020	Screw Assy - Speed Adj.	1
†163	77-7960	Gasket - Air Cleaner	1
188	77-9360	Screw - Hex Head	1
201	77-7980	Link - Governor	1
209	77-7990	Spring - Governor	1
529	77-8030	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
966	77-7940	Base - Air Cleaner	1
968	77-7040	Cover - Air Cleaner	1
969	77-7920	Screw - Air Cleaner	1
971	77-7930	Screw - Air Cleaner	1

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



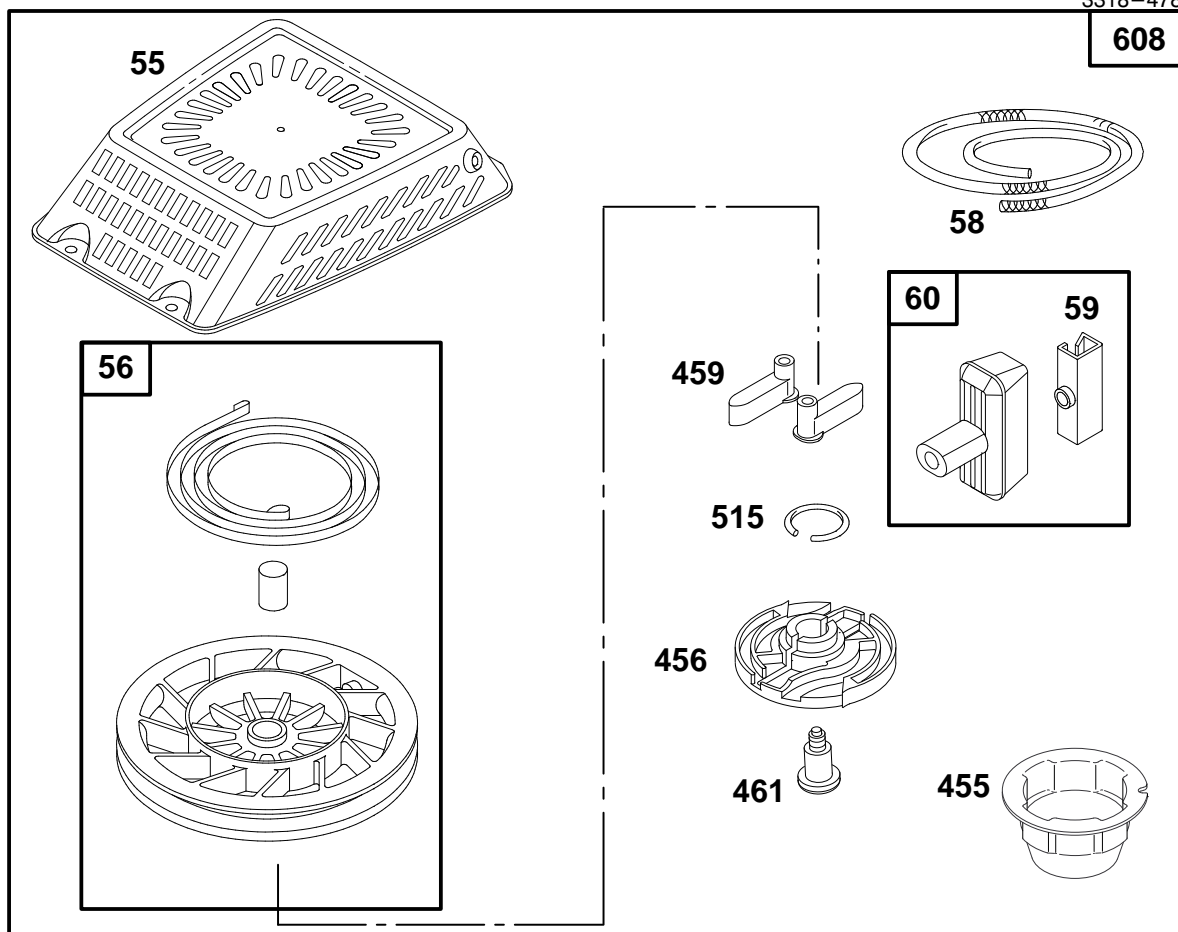
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20465 Only)

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	77-7210	Insert – Rewind Handle	1
60	77-8510	Handle – Rewind Starter	1
65	77-8300	Screw – Hex Head	1

Ref. No.	Part No.	Description	No. Used
456	77-8470	Retainer – Rewind Starter	1
459	77-8530	Pawl – Starter	1
461	77-8490	Screw – Rewind Starter	1
515	77-8500	Spring – Torsion	1
*608	77-8450	Starter Assy – Rewind	1
718A	77-8550	Pin – Spring	1
1016	77-8570	Cover – Spring	1

\* Model No. 20465-6900001 & Up may have been assembled with Starter Ass'y No. 77-8450 or 94-1678. Part identification will be required for service part replacement.



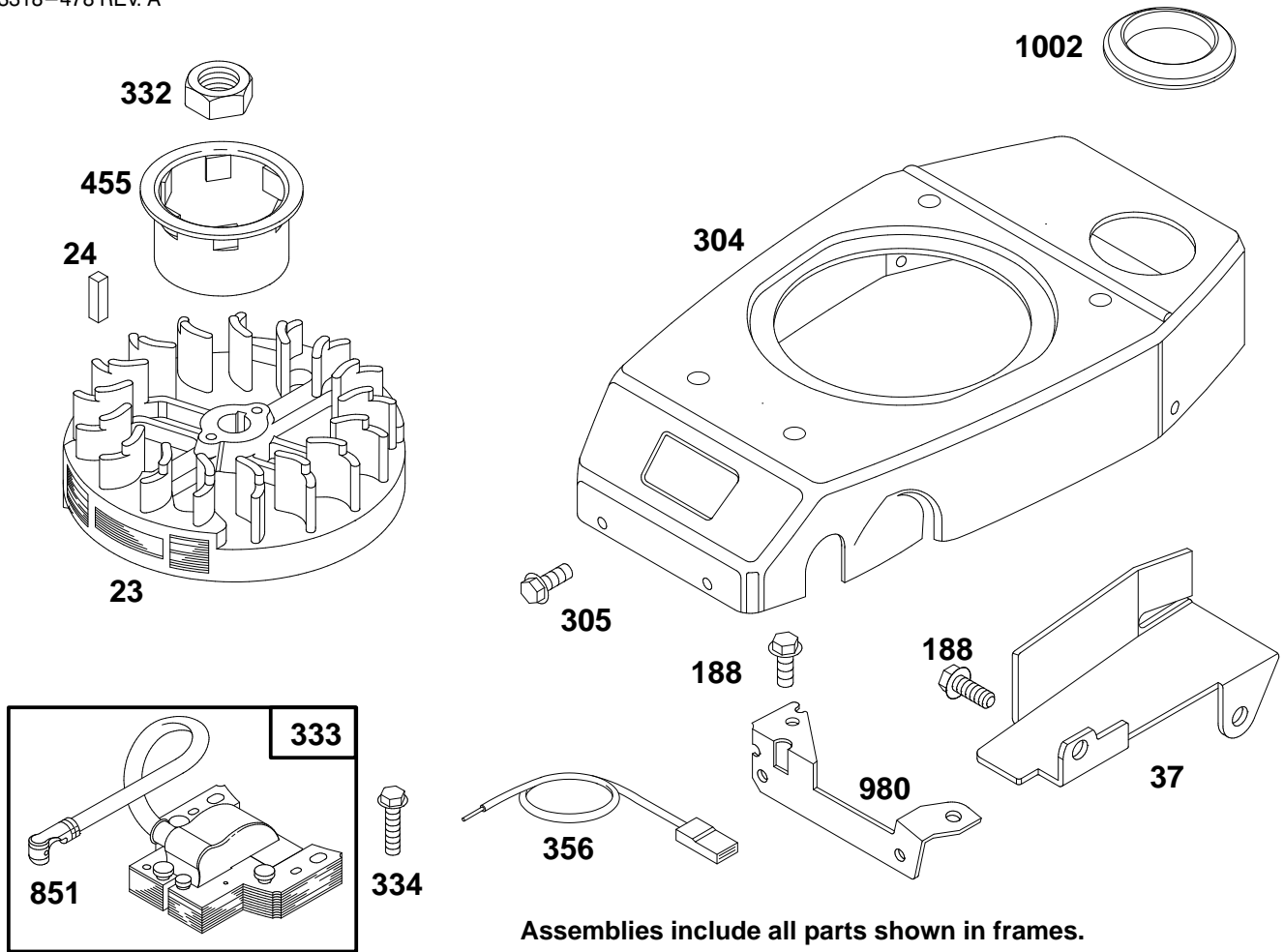
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20465 Only)

Ref. No.	Part No.	Description	No. Used
55	94-1656	Housing—Rewind Starter	1
56	94-1657	Pulley—Rewind Starter	1
58	94-1668	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
455	94-1653	Cup—Starter	1
456	94-1659	Retainer—Rewind Starter	1
459	94-1654	Pawl—Starter	1
461	94-1660	Screw—Rewind Starter	1
515	94-1655	Spring—Torsion	1

Ref. No.	Part No.	Description	No. Used
*608	94-1678	Starter Assy—Rewind  Model No. 20465—6900001 & Up may have been assembled with Starter Ass'y No. 77-8450 or 94-1678. Part identification will be required for service part replacement.	1

\* Model No. 20465-6900001 & Up may have been assembled with Starter Ass'y No. 77-8450 or 94-1678. Part identification will be required for service part replacement.

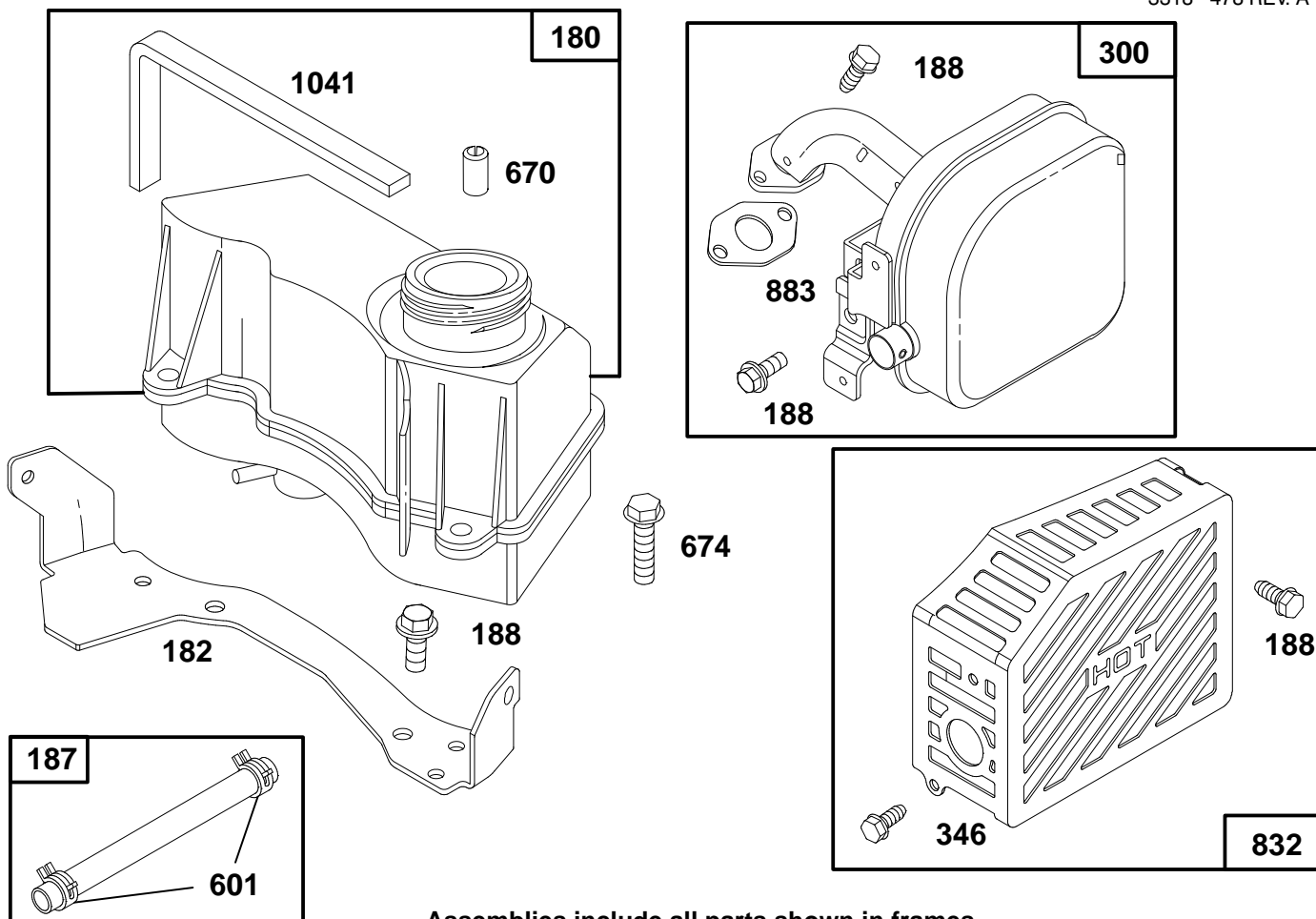


Assemblies include all parts shown in frames.

### ENGINE GTS 150 (Model No. 20465 Only)

Ref. No.	Part No.	Description	No. Used
23	77-8330	Flywheel - Magneto	1
24	77-8340	Key - Flywheel	1
37	77-7190	Guard - Flywheel	1
188	77-9360	Screw - Hex Head	1
304	77-8270	Housing - Blower	1
305	77-8310	Screw - Hex Head	1
332	77-8360	Nut - Flywheel	1
333	77-8420	Armature - Magneto	1

Ref. No.	Part No.	Description	No. Used
334	77-9420	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



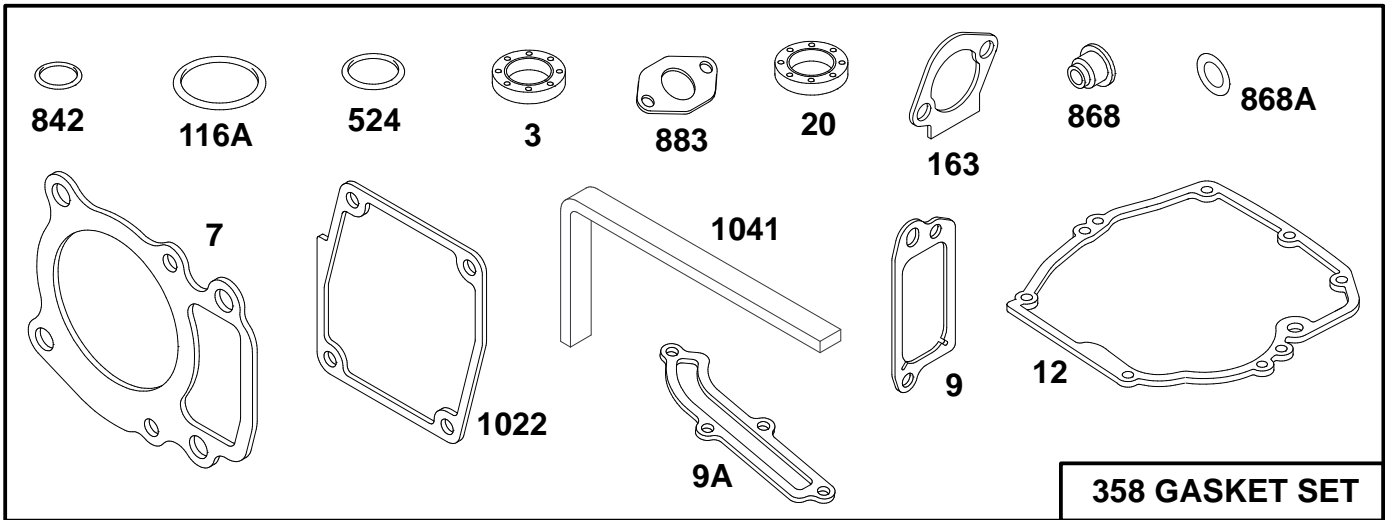
Assemblies include all parts shown in frames.

### ENGINE GTS 150 (Model No. 20465 Only)

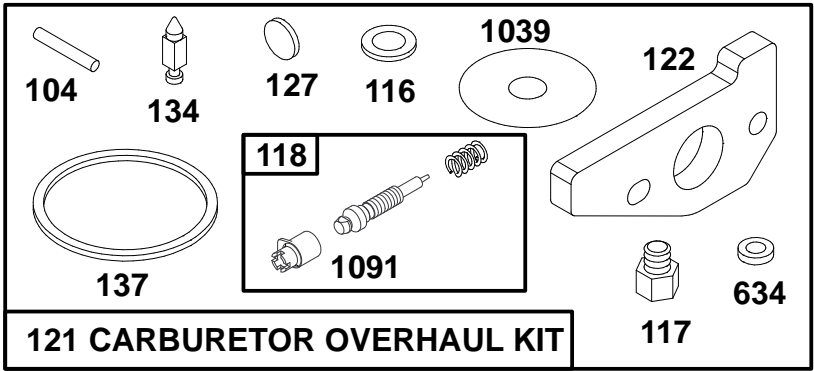
Ref. No.	Part No.	Description	No. Used
180	77-8580	Tank Assy - Fuel	1
182	77-7170	Bracket - Fuel Tank	1
187	78-4100	Hose - Fuel (Cut To Suit)	1
188	77-9360	Screw - Cap	1
300	77-8640	Muffler - Exhaust	1
346	77-9430	Screw - Hex Head	1

Ref. No.	Part No.	Description	No. Used
601	78-4690	Clamp - Hose	1
670	77-9030	Spacer - Fuel Tank	1
674	77-8600	Screw - Tank Mtg.	1
†832	77-9290	Guard - Muffler	1
†1041	77-8590	Seal - Foam	1

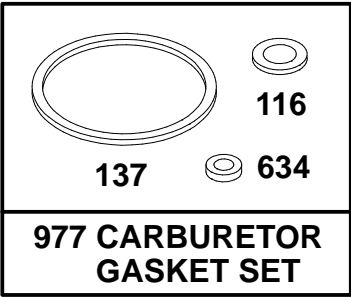
† Included in Gasket Set - Part No. 77-8900



**358 GASKET SET**



**121 CARBURETOR OVERHAUL KIT**



**977 CARBURETOR GASKET SET**

Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20465 Only)

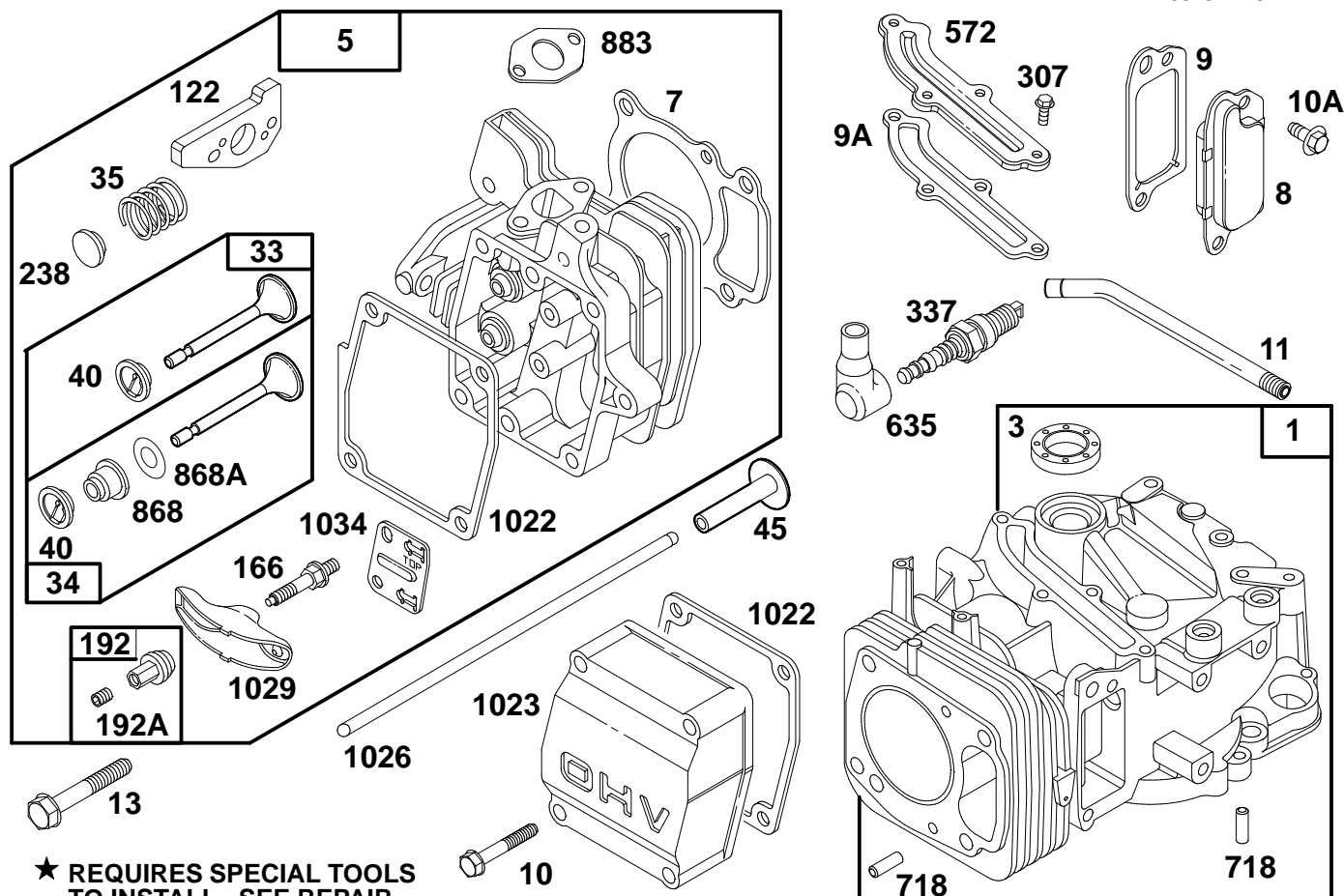
Ref. No.	Part No.	Description	No. Used
†3	77-9060	Seal – Oil (Upper)	1
†7	77-7740	Gasket – Cylinder Head	1
†9	77-9250	Gasket – Breather	1
†9A	77-7410	Gasket – Breather Cover	1
†12	77-7550	Gasket – Engine Base	1
†20	77-7570	Seal – Oil (Lower)	1
‡104	77-8180	Pin – Float Hinge	1
‡*116	77-8210	Washer – Bowl	1
†116A	77-7660	Seal – O-Ring	1
‡117	77-9610	Jet – Main	1
‡118	77-9620	Valve & Spring – Needle	1
121	77-9580	Overhaul Kit – Carburetor	1
‡122	77-7820	Adapter Assy	1
‡127	94-1651	Plug – Welch	1
‡134	77-8110	Valve – Inlet (Includes Seat)	1

Ref. No.	Part No.	Description	No. Used
‡*137	77-8200	Gasket – Float Bowl	1
†163	77-7960	Gasket – Air Cleaner	1
358	77-8900	Gasket Set	1
†524	77-7270	Seal – O-Ring (Oil Fill Cap)	1
*634	77-8150	Washer – Seal	1
†842	77-7300	Seal – O-Ring (Oil Fill Tube)	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 (Fuel Tank)	1
‡1091	77-9650	Cap – Limiter	1

‡ Incl. in Carburetor Overhaul Kit – Part No. 77-9580

\* Incl. in Carburetor Gasket Set – Part No. 77-8930

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



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

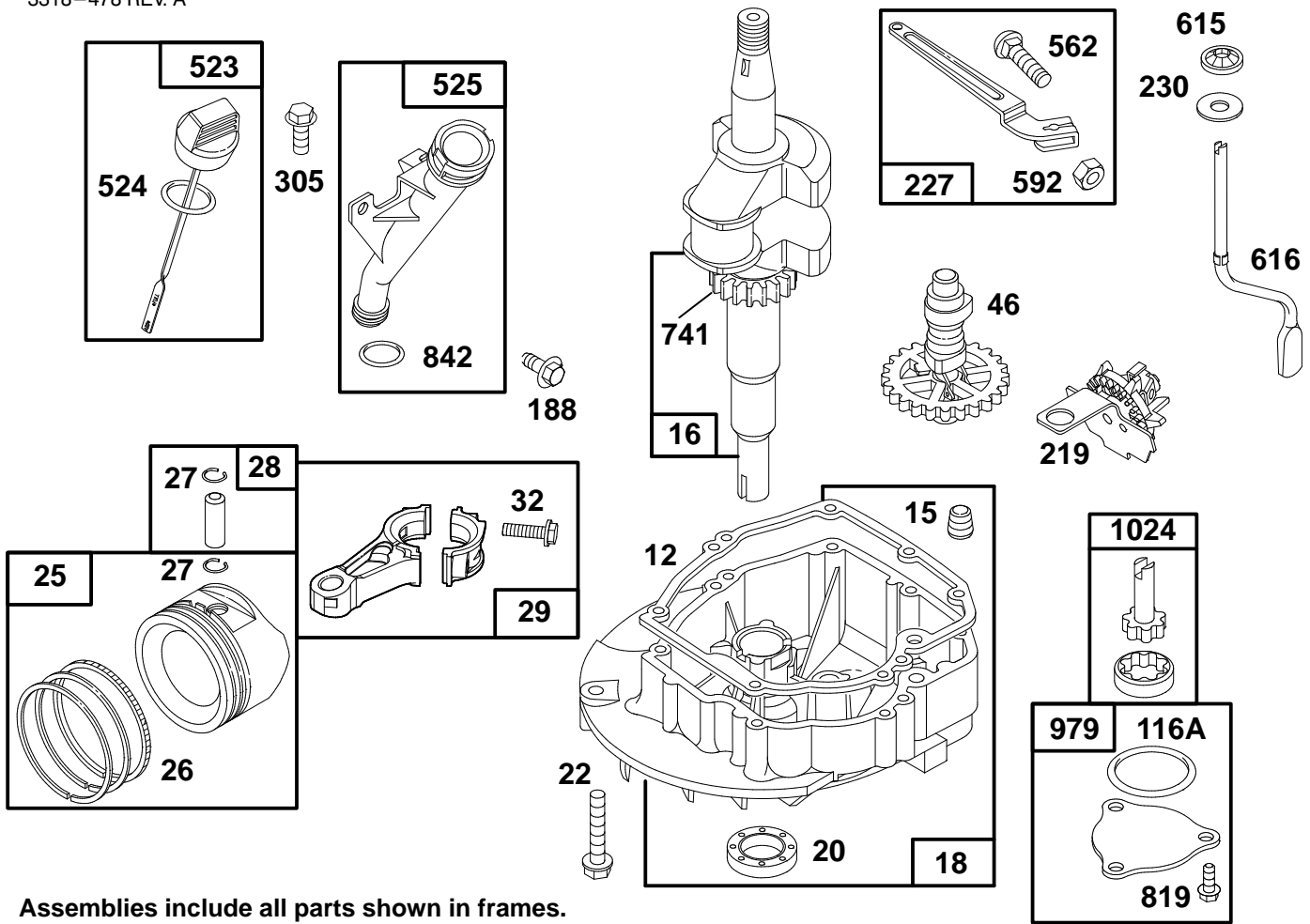
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-7590	Cylinder Assy	1	192	77-7910	Ball & Screw – Rocker Arm	1
†3	77-9060	Seal – Oil	1	192A	77-9310	Screw – Set	1
5	77-7730	Head – Cylinder	1	238	77-7800	Cap – Valve	1
†7	77-7740	Gasket – Cylinder Head	1	307	77-7420	Screw – Cover Mtg (Breather Cover)	1
8	77-9300	Breather Assy	1	337	77-7330	Plug – Spark	1
†9	77-9250	Gasket – Breather	1	572	77-7400	Cover – Breather	1
†9A	77-7410	Gasket – Breather	1	635	77-7340	Elbow – Spark Plug	1
10	77-7360	Screw – Hex Head	1	718	77-7600	Pin – Dowel	1
10A	77-9200	Screw – Hex Head	1	†868	77-7890	Seal Assy – Valve	1
11	77-9410	Tube – Breather	1	†868A	77-7900	Gasket – Valve	1
13	77-7630	Screw – Cylinder Head	1	†883	77-7760	Gasket – Exhaust	1
33	77-7860	Valve – Exhaust	1	†1022	77-7320	Gasket – Rocker Cover	1
34	77-7880	Valve – Intake	1	1023	77-9320	Cover – Valve	1
35	77-7810	Spring – Valve	1	1026	77-7620	Rod – Push	1
40	77-7870	Retainer – Spring	1	1029	77-7790	Arm – Rocker	1
45	77-7610	Tappet – Valve	1	1034	77-7770	Guide – Push Rod	1
‡122	77-7820	Adapter Assy	1				
166	77-7780	Stud – Rocker Arm	1				

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

‡ Incl. in Carburetor Overhaul Kit – Part No. 77-9580



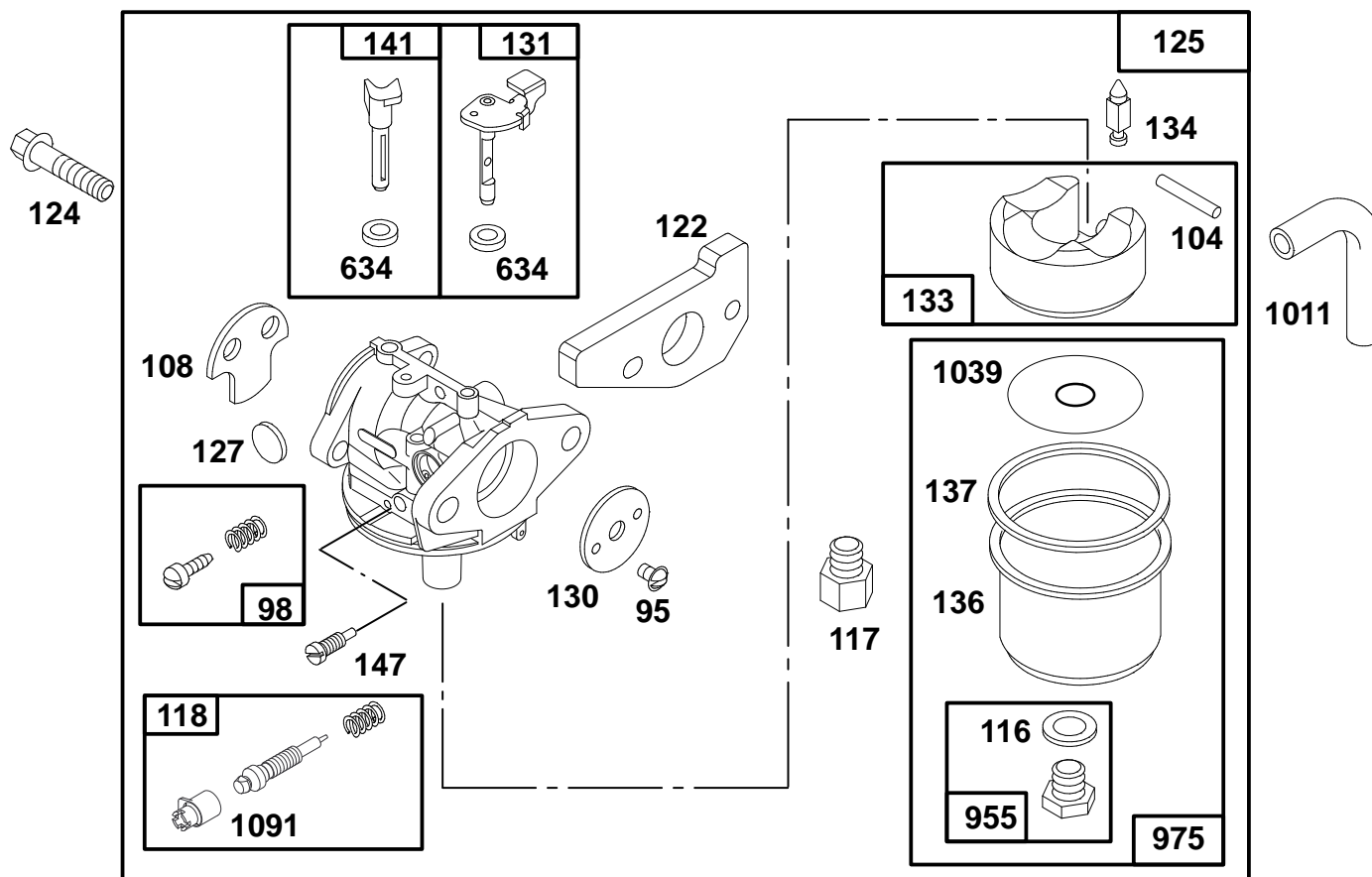
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
†12	77-7550	Gasket – Engine Base	1
15	77-9240	Plug – Pipe	1
16	77-7510	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	77-7710	Lock – Piston Pin	1
28	77-9340	Pin Assembly – 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
188	77-9360	Screw – Hex Head	1

Ref. No.	Part No.	Description	No. Used
219	77-7500	Gear – Governor	1
227	77-7370	Lever Assembly – 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 Fill	1
562	77-7380	Bolt – Governor Lever	1
592	77-7390	Nut – Hex	1
615	77-7480	Push Nut	1
616	77-7460	Crank – Governor	1
741	77-7530	Gear – Timing	1
†842	77-7300	Seal – O-Ring	1
819	77-7450	Screw – Cap	1
979	77-7650	Cover – Oil Pump	1
1024	77-7640	Pump – Oil	1

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



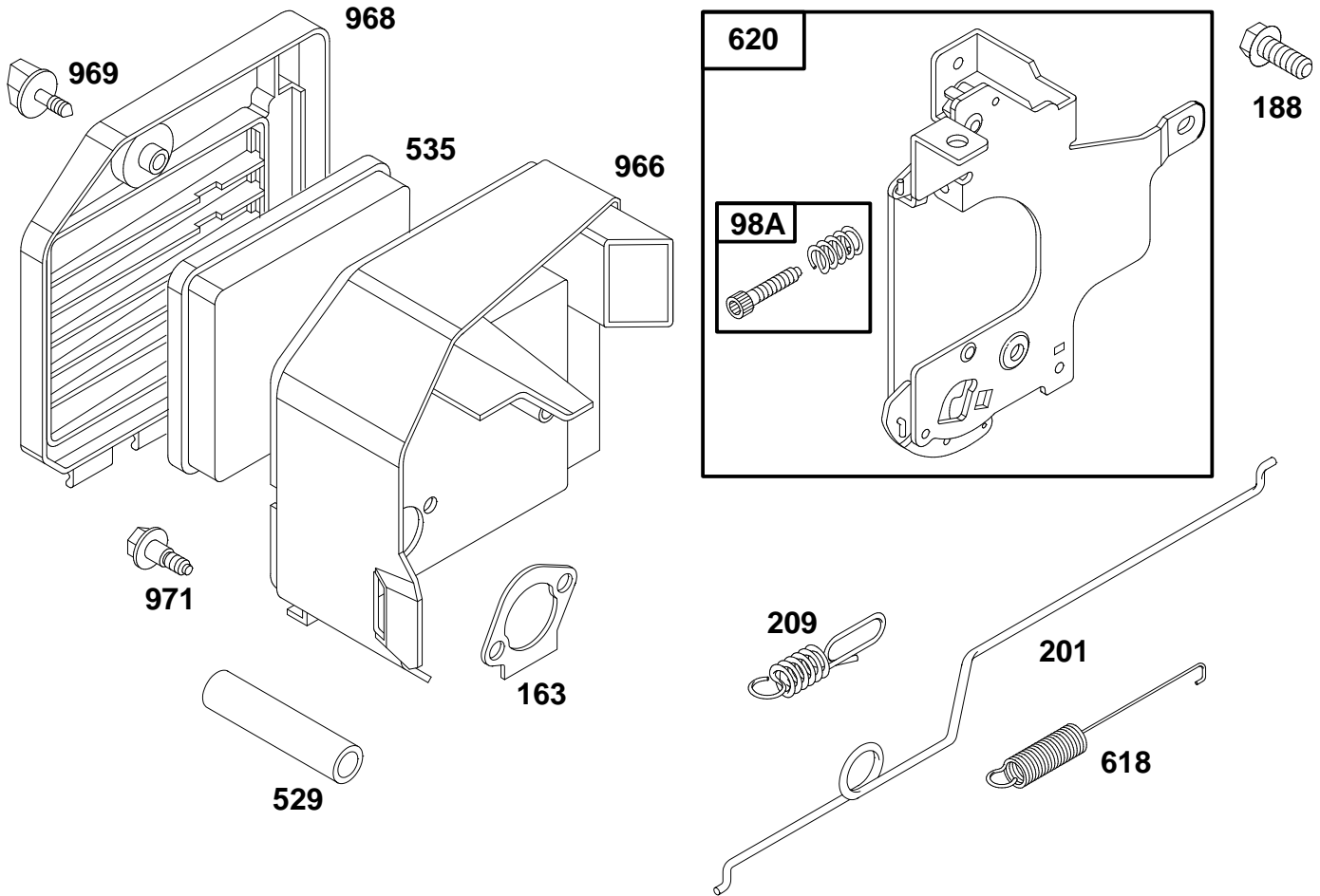
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

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

‡ Incl. in Carburetor Overhaul Kit - Part No. 77-9580

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



Assemblies include all parts shown in frames.

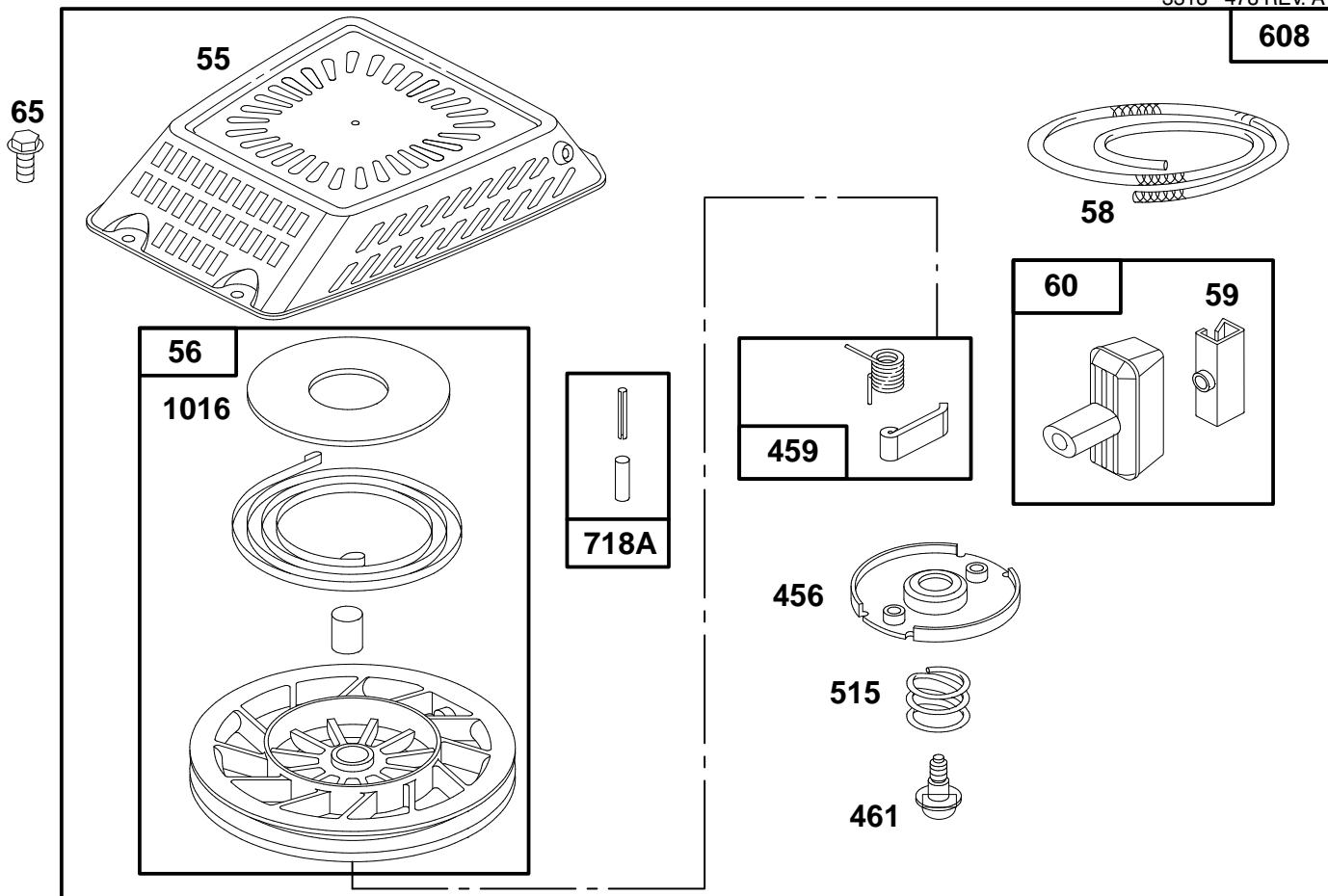
## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
98A	77-8020	Screw Assy - Speed Adj.	1
†163	77-7960	Gasket - Air Cleaner	1
188	77-9360	Screw - Hex Head	1
201	77-7980	Link - Governor	1
209	77-7990	Spring - Governor	1
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
966	77-7940	Base - Air Cleaner	1
968	77-7040	Cover - Air Cleaner	1
969	77-7920	Screw - Air Cleaner	1
971	77-7930	Screw - Air Cleaner	1

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

608

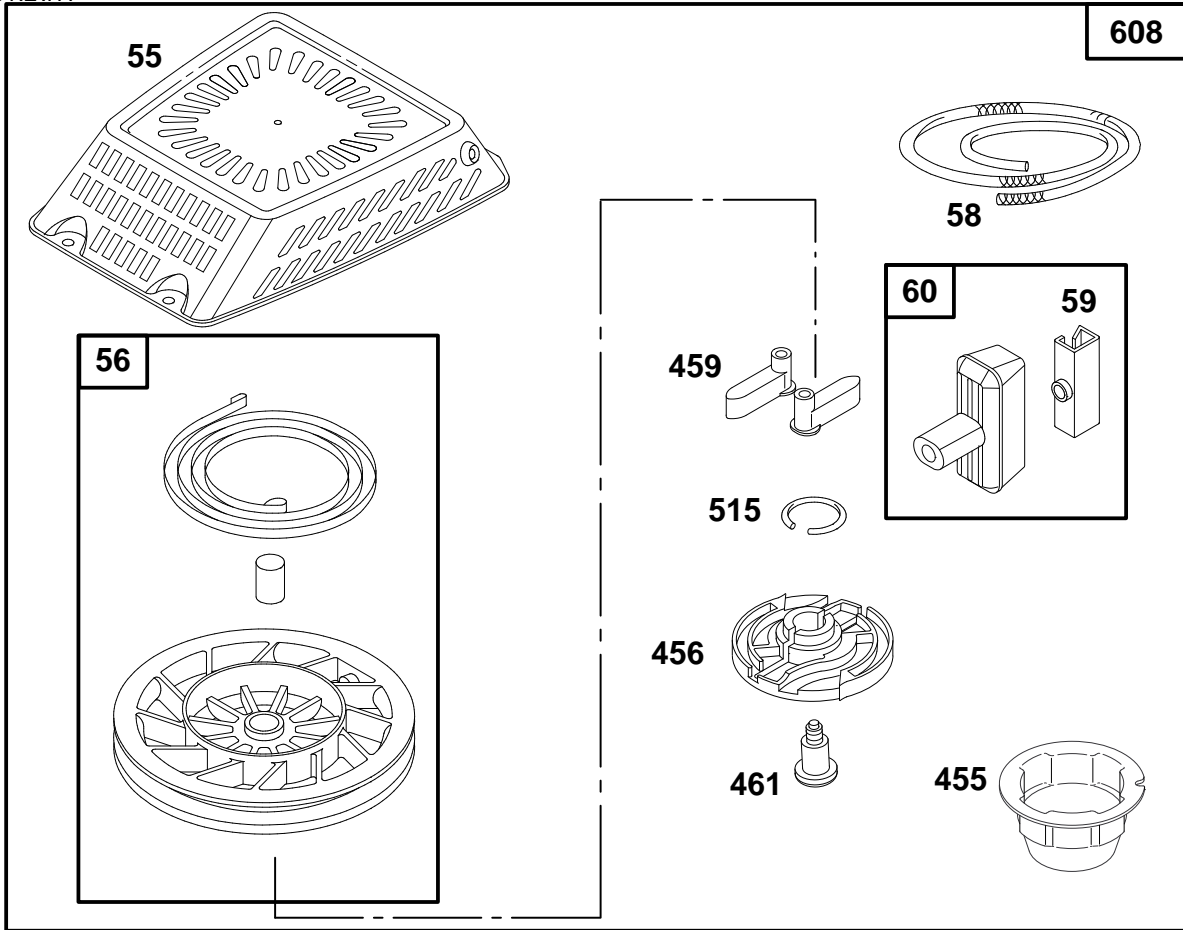


Assemblies include all parts shown in frames.

**ENGINE GTS 150 (Model No. 20466 Only)**

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
55	77-8460	Housing – Rewind Starter	1	456	77-8470	Retainer – Rewind Starter	1
56	77-9270	Pulley – Rewind Starter	1	459	77-8530	Pawl – Starter	1
58	77-8480	Rope – Starter (Cut To Suit)	1	461	77-8490	Screw – Rewind Starter	1
59	77-7210	Insert – Rewind Handle	1	515	77-8500	Spring – Torsion	1
60	77-8510	Handle – Rewind Starter	1	*608	77-8450	Starter Assy – Rewind	1
65	77-8300	Screw – Hex Head	1	718A	77-8550	Pin – Spring	1
				1016	77-8570	Cover – Spring	1

\* Model No. 20466-6900001 & Up may have been assembled with Starter Ass'y No. 77-8450 or 94-1678. Part identification will be required for service part replacement.



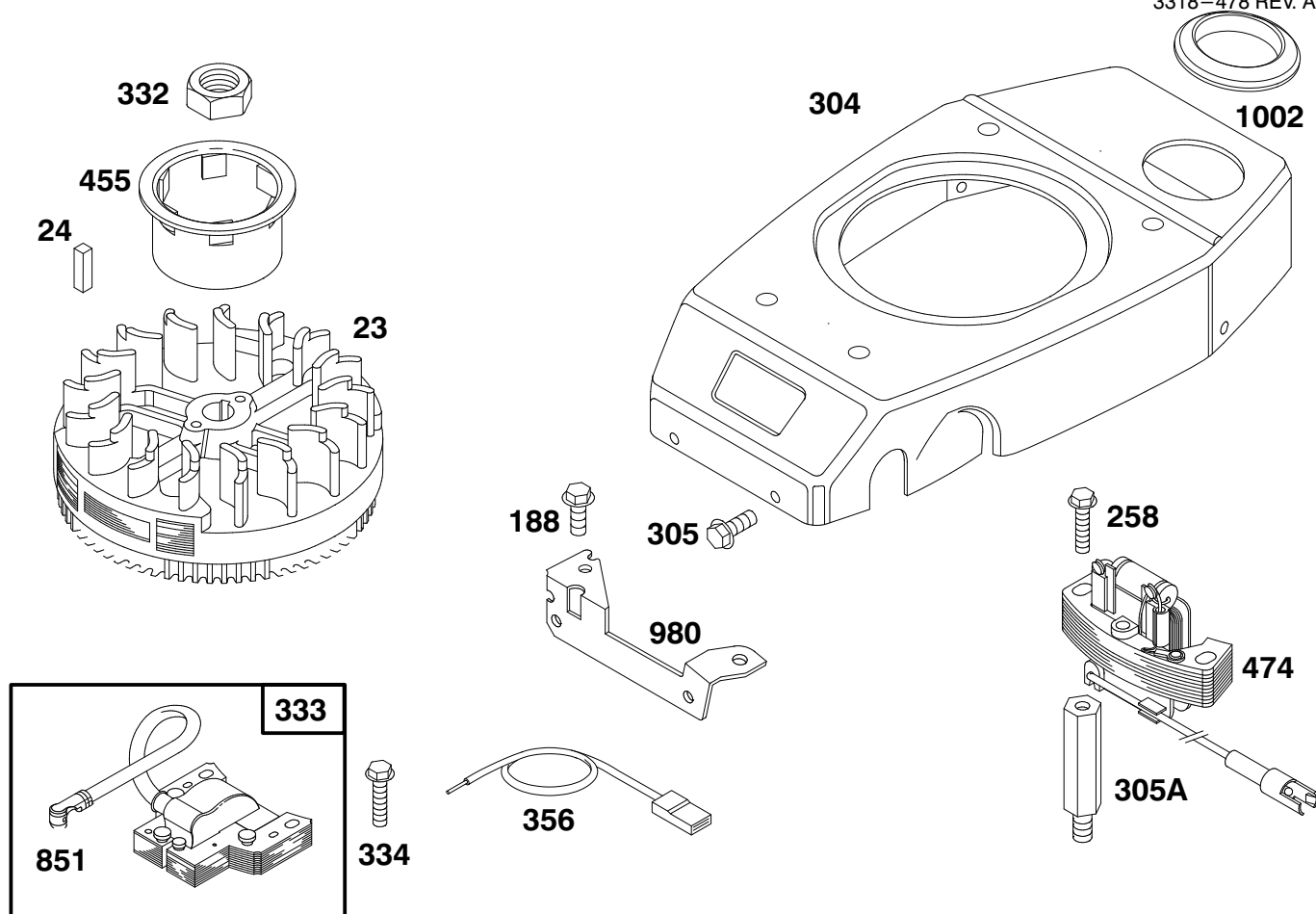
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
55	94-1656	Housing-Rewind Starter	1
56	94-1657	Pulley-Rewind Starter	1
58	94-1668	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

Ref. No.	Part No.	Description	No. Used
455	94-1653	Cup - Starter	1
456	94-1659	Retainer-Rewind Starter	1
459	94-1654	Pawl-Starter	1
461	94-1660	Screw-Rewind Starter	1
515	94-1655	Spring-Torsion	1
*608	94-1678	Starter Assy-Rewind	1

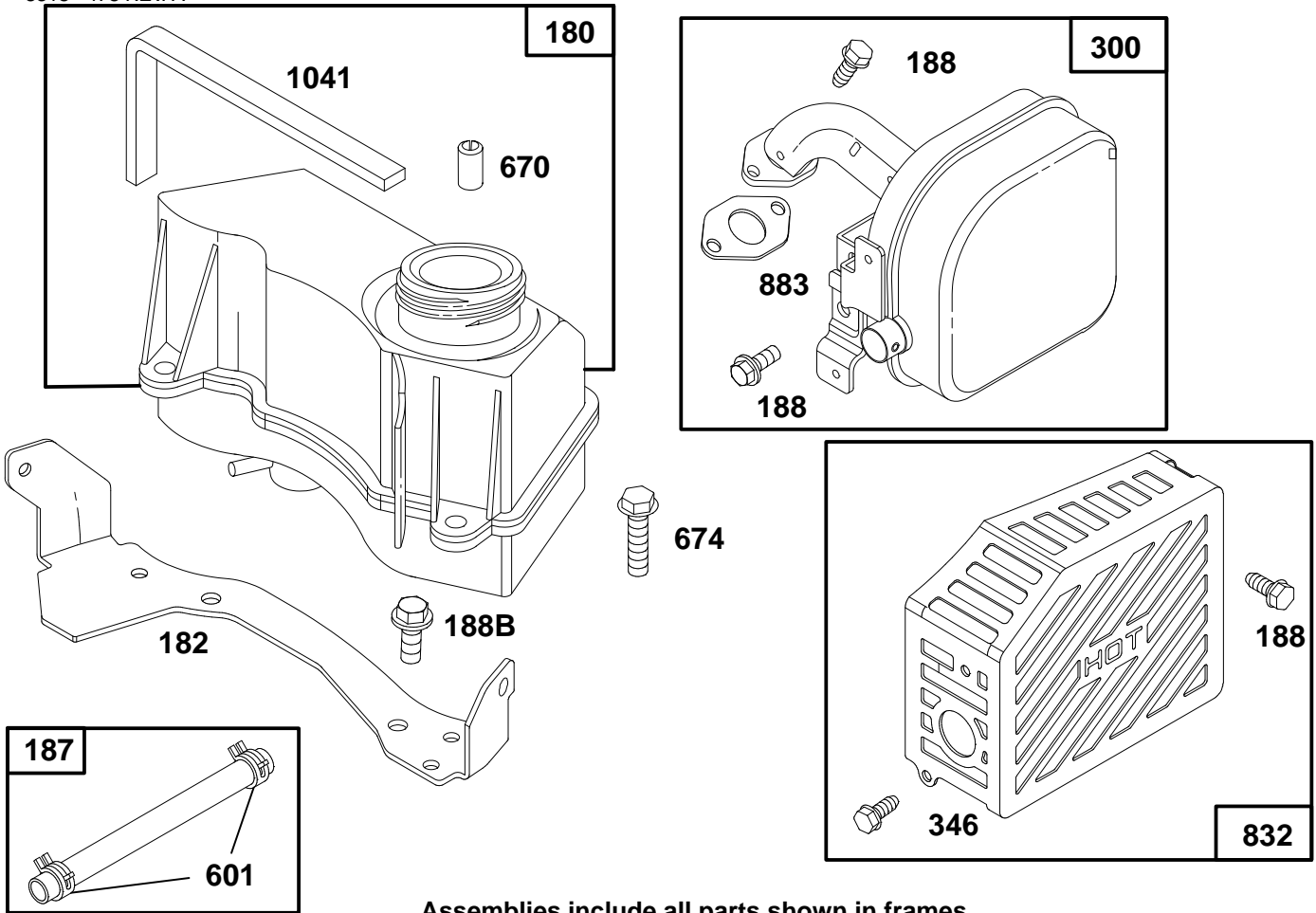
\* Model No. 20466-6900001 & Up may have been assembled with Starter Ass'y No. 77-8450 or 94-1678. Part identification will be required for service part replacement.



Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
23	77-8320	Flywheel - Magneto	1	333	77-8420	Armature - Magneto	1
24	77-8340	Key - Flywheel	1	334	77-9420	Screw - Armature Mtg.	1
37	77-7190	Guard - Flywheel	1	356	77-8400	Wire - Ground	1
188	77-9360	Screw - Hex Head	1	455	77-8350	Cup - Starter	1
258	77-8870	Screw - Hex Head	1	474	77-8370	Stator Assembly	1
304	77-8280	Housing - Blower	1	851	77-8430	Terminal - Spark Plug	1
305	77-8310	Screw - Hex Head	1	980	77-7140	Bracket - Blower	1
305A	77-8390	Stud - Stator Mounting	1			Housing	1
332	77-8360	Nut - Flywheel	1	1002	77-7180	Grommet	1



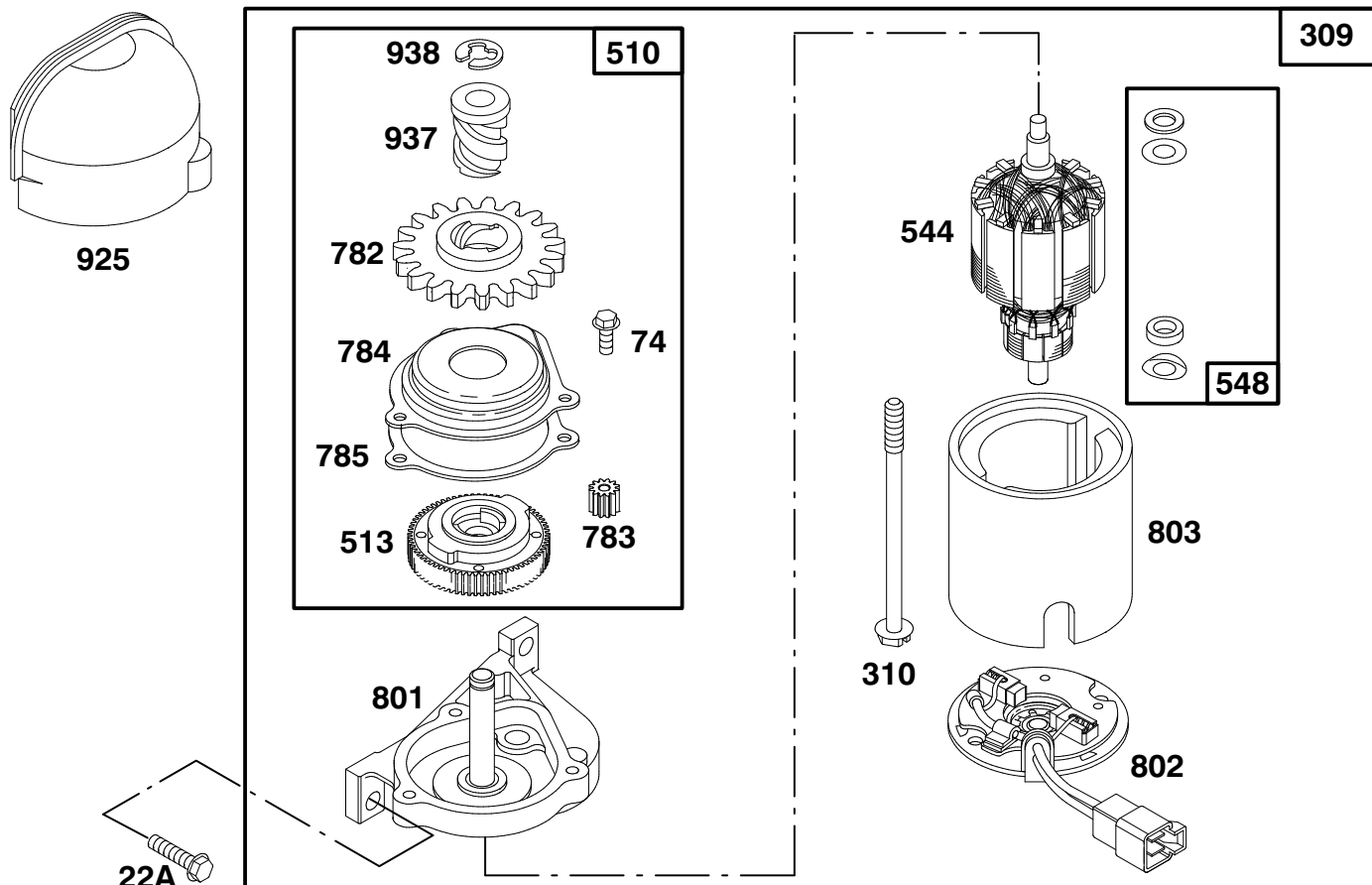
Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
180	77-8580	Tank Assy - Fuel	1
182	77-7170	Bracket - Fuel Tank	1
187	78-4100	Hose - Fuel (Cut To Suit)	1
188	77-9360	Screw - Cap	1
300	77-8640	Muffler - Exhaust	1
346	77-9430	Screw - Hex Head	1

Ref. No.	Part No.	Description	No. Used
601	78-4690	Clamp - Hose	1
670	77-9030	Spacer - Fuel Tank	1
674	77-8600	Screw - Tank Mtg.	1
†832	77-9290	Guard - Muffler	1
†1041	77-8590	Seal - Foam	1

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

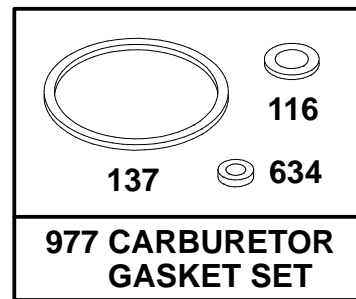
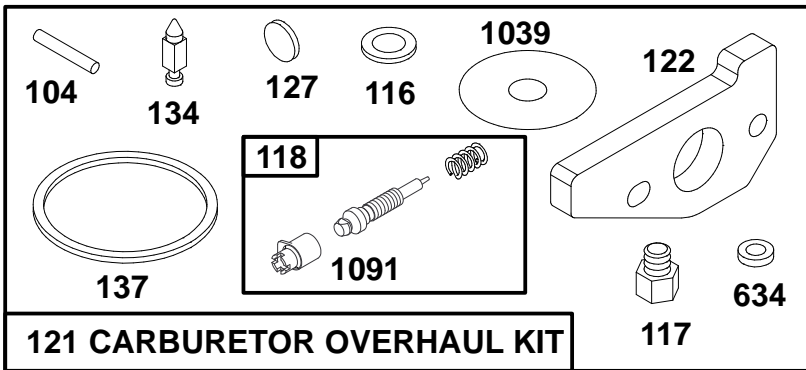
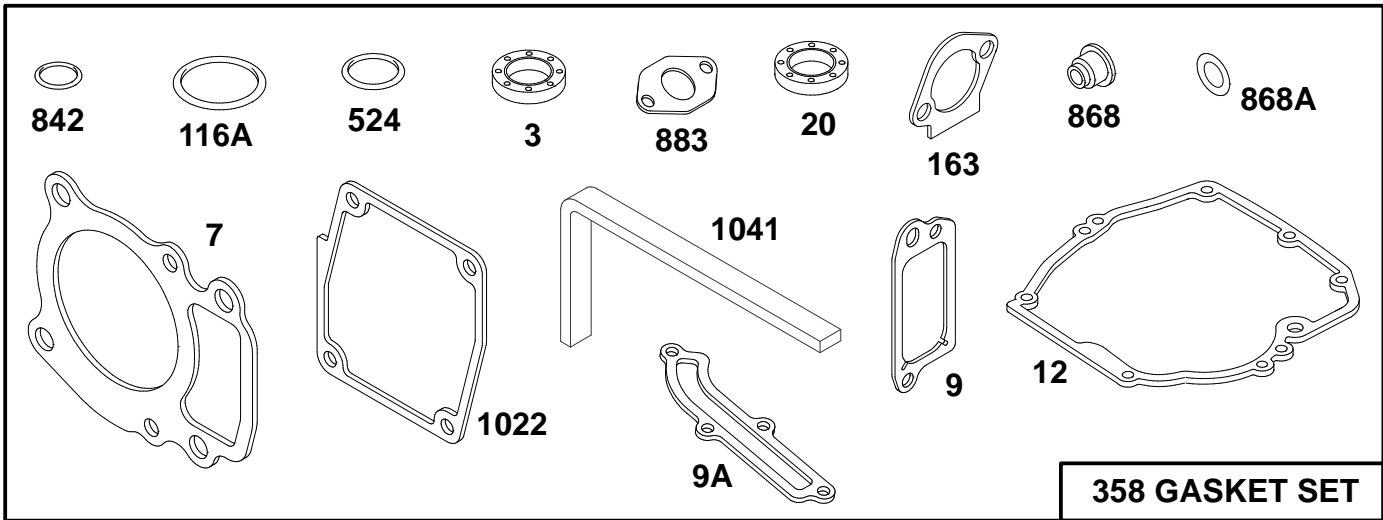


Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
22A	77-8420	Screw - Hex Washer Hd.	1
74	77-8800	Screw - Hex Washer Hd.	1
309	77-8670	Motor - Starter	1
310	77-8710	Screw - Hex Washer Hd.	1
510	77-8910	Drive Kit	1
513	77-8770	Clutch Assembly	1
544	77-8670	Armature Assembly	1
548	77-8470	Washer Set	1
782	77-8810	Pinion - Starter	1

Ref. No.	Part No.	Description	No. Used
783	77-8760	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 & Magnet Assembly	1
925	77-7200	Cover - Starter	1
937	77-8820	Spline - Starter	1
938	77-8830	Retainer - Lock	1



Assemblies include all parts shown in frames.

## ENGINE GTS 150 (Model No. 20466 Only)

Ref. No.	Part No.	Description	No. Used
†3	77-9060	Seal - Oil (Upper)	1
†7	77-7740	Gasket - Cylinder Head	1
†9	77-9250	Gasket - Breather	1
†9A	77-7410	Gasket - Breather Cover	1
†12	77-7550	Gasket - Engine Base	1
†20	77-7570	Seal - Oil (Lower)	1
‡104	77-8180	Pin - Float Hinge	1
‡*116	77-8210	Washer - Bowl	1
†116A	77-7660	Seal - O-Ring	1
‡117	77-9610	Jet - Main	1
‡118	77-9620	Valve & Spring - Needle	1
121	77-9580	Overhaul Kit - Carburetor	1
‡122	77-7820	Adapter Assy	1
‡127	94-1651	Plug - Welch	1
‡134	77-8110	Valve - Inlet (Includes Seat)	1

Ref. No.	Part No.	Description	No. Used
‡*137	77-8200	Gasket - Float Bowl	1
†163	77-7960	Gasket - Air Cleaner	1
358	77-8900	Gasket Set	1
†524	77-7270	Seal - O-Ring (Oil Fill Cap)	1
*634	77-8150	Washer - Seal	1
†842	77-7300	Seal - O-Ring (Oil Fill Tube)	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 (Fuel Tank)	1
‡1091	77-9650	Cap - Limiter	1

‡ Incl. in Carburetor Overhaul Kit - Part No. 77-9580

\* Incl. in Carburetor Gasket Set - Part No. 77-8930

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

# TORO PART NUMBER INDEX

3318-478 REV. A

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-3287	Spacer	8	5	2	48-2060	Needle Bearing	6	21	2
3-3287	Spacer	9	5	2	49-1630	Spacer - Support	8	36	1
3-5792	Washer	2	36	1	49-1630	Spacer - Support	9	36	1
14-4069	Cover - Recycler	1	12	1	49-2040	Screw - Hex Hd.	2	33	2
14-9989	Wheel & Tire Assembly	1	25	2	49-2040	Screw - Self Tapping	6	8	8
16-0029	Wheel & Tire Assembly	5	20	2	49-2810	Link - Control	3	11	1
16-0029	Wheel - Tire & Gear Ass'y	6	30	2	49-2820	Lever	3	14	1
16-9569	Panel - Control	8	12	1	49-7950	Sleeve - Bell Crank	3	13	1
16-9579	Panel - Control	9	12	1	49-7960	Crank - Bell	3	12	1
16-9589	Housing - 21	1	1	1	49-7970	Spring - Torsion Upper	3	16	1
19-4050	Knob	8	11	2	52-3480	Damper - Vibration	4	7	2
19-4050	Knob	9	11	2	52-7410	Spring - Leaf	8	31	1
25-7740	Knob - Arm	6	3	2	52-7410	Spring - Leaf	9	31	1
25-7740	Knob - Arm	1	21	4	52-7430	Bar - Control	8	18	1
27-6232	Bolt - Wheel	1	26	4	52-7430	Bar - Control	9	18	1
27-6232	Wheel Bolt	6	32	2	54-9190	Nut - Lock	4	14	2
27-6250	Bushing - Wheel	6	31	4	55-3570	Gas Cap Assembly	3	2	1
27-7210	Screw - Shoulder	8	4	2	55-3760	Gear - Pinion 15 Tooth	6	47	1
27-7210	Screw - Shoulder	9	4	2	55-3770	Gear - 49 Tooth 1st Gear	7	56	1
27-7211	Screw - Shoulder	8	7	2	55-3780	Gear - Pinion 20 Tooth	6	48	1
27-7211	Screw - Shoulder	9	7	2	55-3790	Gear - 44 Tooth 2nd Gear	7	55	1
29-9570	Bushing - Yoke	6	37	1	55-3800	Gear - Pinion	7	49	1
33-3208	Rod - Shield	1	16	1	55-3810	Gear - 39 Tooth 3rd Gear	7	54	1
36-4780	Washer - Thrust	6	42	1	55-7520	Battery Assembly	9	50	1
36-4791	Washer - Thrust	6	46	2	55-8180	Retainer - Battery	9	51	1
37-7260	Screw - Tapping	2	35	1	56-6160	Flywheel - BBC	4	3	1
37-7260	Screw - Tapping	2	35	2	56-6170	Drum - Brake	4	5	1
37-7262	Screw - Special	2	38	1	57-6290	Pin - Insert	8	32	1
38-7820	Bearing - Ball	7	58	1	57-6290	Pin - Insert	9	32	1
40-1940	Washer	1	19	4	60-8710	Gear Case - Upper	7	59	1
42-0884	V-Belt - BBC	3	22	1	60-8730	Cover - Gear Case	6	44	1
42-3190	Bolt - Blade	4	4	2	60-8750	Bushing - Int. Shaft	6	45	2
42-3520	Cap - End	5	5	2	60-8770	Bushing - Output Shaft	6	43	1
42-3520	End Cap	6	5	2	60-8790	Sleeve - Gear	7	53	1
42-6890	Hub Assembly - BBC	4	6	1	60-8800	Shaft - Intermediate	7	50	1
43-8480	Decal - Danger	1	3	1	60-8810	Retainer - Shift Fork	6	38	1
44-0580	Shield - Trailing	1	15	1	60-8821	Lever - Shift	5	2	1
46-5460	Housing - Control LH	8	19	1	60-8821	Lever - Shift	6	17	1
46-5460	Housing - Control LH	9	19	1	60-8840	Pulley - Half	6	10	2
46-5480	Cable - Traction	8	42	1	60-8850	Bushing - Output Shaft	7	51	1
46-5480	Cable - Traction	9	42	1	60-8870	Yoke - Shift	6	36	1
46-5510	Spring - Torsion	8	25	1	60-8890	Pinion - Bevel	7	57	1
46-5510	Spring - Torsion	9	25	1	62-3720	Clamp - Cable	2	42	1
46-5520	Lever - Traction	8	21	1	62-3900	V-Belt	5	1	1
46-5520	Lever - Traction	9	21	1	62-3900	V-Belt	6	13	1
46-5530	Hook - Control	8	24	1	62-4320	Bracket - Belt Guide	6	7	1
46-5530	Hook - Control	9	24	1	62-4320	Bracket - Guide Belt	2	32	1
46-5540	Lever - Cable	8	23	1	62-6660	Spacer	6	9	1
46-5540	Lever - Cable	9	23	1	62-6673	Gear Case Assembly	7	*	1
46-5550	Bushing - PM	8	26	1	62-6673	Gear Case Assembly	1	31	1
46-5550	Bushing - PM	9	26	1	62-7560	Pulley - Driver	4	2	1
46-5590	Spacer	8	20	1	63-8360	Key - Ignition	9	49	1
46-5590	Spacer	9	20	1	63-8701	Pivot Arm Ass'y	5	8	2
46-5630	Hub - Pulley Idler	3	23	1	63-8701-03	Pivot Arm Assembly	6	2	2
46-5650	Pulley - Idler	3	21	1	63-8721	Spring Arm Ass'y	5	6	2
46-5670	Spring - Torsion Lower	3	19	1	63-8721	Spring Arm Assembly	6	4	2
46-5692	Shield - BBC	4	8	1	65-2720	Ring - Retaining	5	11	4
46-5780	Switch - Starter	9	46	1	65-2720	Ring - Retaining	6	24	4
46-6440	Cover - Cables Control	8	43	1	65-4710	Ring - Friction	5	12	2
46-6440	Cover - Cables Control	9	43	1	65-4710	Ring - Friction	6	25	2
46-6810	Screw - Hex Washer Hd.	1	14	1	65-4720	Spring	6	28	2
46-6811	Screw - Hex Washer Hd.	1	13	3	65-4720	Spring - Compression	5	17	2
46-7030	Retainer - Cable	1	29	1	65-4730	Thrust Washer	6	22	2
46-7040	Screw - Hex Washer Hd.	8	33	3	65-4730	Washer - Thrust	5	9	2
46-7040	Screw - Hex Washer Hd.	9	33	3	65-4740	Thrust Washer	6	23	4
46-7370	Decal - Step Pad	2	41	1	65-4740	Washer - Thrust Keyed	5	10	4

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
65-4750	Gear - Pinion	5 16 2	77-7300	Seal - O-Ring	18 842 1
65-4750	Gear - Pinion	6 1 2	77-7300	Seal - O-Ring	20 842 1
65-4760	Washer	5 13 2	77-7300	Seal - O-Ring	28 842 1
65-4760	Washer - Clutch	6 26 2	77-7320	Gasket - Rocker Cover	10 1022 1
65-4770	Shaft - Output	6 18 1	77-7320	Gasket - Rocker Cover	18 1022 1
65-5250	Clip - Spring	7 61 1	77-7320	Gasket - Rocker Cover	19 1022 1
66-0160	Housing - Control RH	8 30 1	77-7320	Gasket - Rocker Cover	28 1022 1
66-0160	Housing - Control RH	9 30 1	77-7330	Plug - Spark	10 337 1
66-0170	Washer - Nylon	8 28 1	77-7330	Plug - Spark	19 337 1
66-0170	Washer - Nylon	9 28 1	77-7340	Elbow - Spark Plug	10 635 1
66-0180	Rocker	8 22 1	77-7340	Elbow - Spark Plug	19 635 1
66-0180	Rocker	9 22 1	77-7360	Screw - Hex Head	10 10 1
66-0190	Spring - Detent	8 29 1	77-7360	Screw - Hex Head	19 10 1
66-0190	Spring - Detent	9 29 1	77-7370	Lever Assembly -	11 227 1
66-0541	Spring Arm Ass'y - Front	1 20 2	77-7370	Lever Assembly -	20 227 1
66-0560	Screw - Shoulder	1 24 2	77-7380	Bolt - Governor Lever	11 562 1
66-0570	Guide - Belt	3 8 1	77-7380	Bolt - Governor Lever	20 562 1
66-0580	Arm - Pivot	1 23 2	77-7390	Nut - Hex	11 592 1
66-6040	Key - Rocker R.H.	6 * 1	77-7390	Nut - Hex	20 592 1
66-6040	Key - Rocking RH	5 * 1	77-7400	Cover - Breather	10 572 1
66-6050	Key - Rocker L.H.	6 27 1	77-7400	Cover - Breather	19 572 1
66-6050	Key - Rocking LH	5 14 1	77-7410	Gasket - Breather	10 9A 1
68-9780	Bearing	3 18 2	77-7410	Gasket - Breather	19 9A 1
70-1160	Washer - PM	3 17 1	77-7410	Gasket - Breather Cover	18 9A 1
70-9760	Bushing	6 19 2	77-7410	Gasket - Breather Cover	28 9A 1
71-8391	Control - Control	8 40 1	77-7420	Screw - Cover Mtg	10 307 1
71-8391	Control - Control	9 40 1	77-7420	Screw - Cover Mtg	19 307 1
74-1660	Cover - Wheel	5 18 2	77-7450	Screw - Cap	11 819 1
74-1660	Cover - Wheel	6 29 2	77-7450	Screw - Cap	20 819 1
74-1670	Spacer - Wheel Cover	6 33 2	77-7460	Crank - Governor	11 616 1
74-1671	Spacer - Cover Wheel	5 19 2	77-7460	Crank - Governor	20 616 1
76-0760	Key - Shift	6 40 2	77-7470	Washer	11 230 1
76-0770	Collar - Shift	6 41 1	77-7470	Washer	20 230 1
76-0780	Sleeve - Shift Key	6 39 1	77-7480	Push Nut	11 615 1
76-2712	Control - Speed Ground	8 39 1	77-7480	Push Nut	20 615 1
76-2712	Control - Speed Ground	9 39 1	77-7490	Gear - Cam	11 46 1
77-7040	Cover - Air Cleaner	13 968 1	77-7490	Gear - Cam	20 46 1
77-7040	Cover - Air Cleaner	22 968 1	77-7500	Gear - Governor	11 219 1
77-7140	Bracket - Blower	16 980 1	77-7500	Gear - Governor	20 219 1
77-7140	Bracket - Blower	25 980 1	77-7510	Crankshaft	11 16 1
77-7170	Bracket - Fuel Tank	17 182 1	77-7510	Crankshaft	20 16 1
77-7170	Bracket - Fuel Tank	26 182 1	77-7530	Gear - Timing	11 741 1
77-7180	Grommet	16 1002 1	77-7530	Gear - Timing	20 741 1
77-7180	Grommet	25 1002 1	77-7550	Gasket - Engine Base	11 12 1
77-7190	Guard - Flywheel	16 37 1	77-7550	Gasket - Engine Base	18 12 1
77-7190	Guard - Flywheel	25 37 1	77-7550	Gasket - Engine Base	20 12 1
77-7200	Cover - Starter	27 925 1	77-7550	Gasket - Engine Base	28 12 1
77-7210	Insert - Rewind Handle	14 59 1	77-7560	Base - Engine	11 18 1
77-7210	Insert - Rewind Handle	23 59 1	77-7560	Base - Engine	20 18 1
77-7210	Insert - Rewind Handle	15 59 1	77-7570	Seal - Oil	11 20 1
77-7210	Insert - Rewind Handle	24 59 1	77-7570	Seal - Oil	18 20 1
77-7240	Bowl - Fuel	12 136 1	77-7570	Seal - Oil	20 20 1
77-7240	Bowl - Fuel	21 136 1	77-7570	Seal - Oil	28 20 1
77-7250	Limit - Float	12 1039 1	77-7590	Cylinder Assy	10 1 1
77-7250	Limit - Float	18 1039 1	77-7590	Cylinder Assy	19 1 1
77-7250	Limit - Float	21 1039 1	77-7600	Pin - Dowel	10 718 1
77-7250	Limit - Float	28 1039 1	77-7600	Pin - Dowel	19 718 1
77-7260	Dipstick - Oil	11 523 1	77-7610	Tappet - Valve	10 45 1
77-7260	Dipstick - Oil	20 523 1	77-7610	Tappet - Valve	19 45 1
77-7270	Seal - O-Ring	11 524 1	77-7620	Rod - Push	10 1026 1
77-7270	Seal - O-Ring	18 524 1	77-7620	Rod - Push	19 1026 1
77-7270	Seal - O-Ring	20 524 1	77-7630	Screw - Cylinder Head	10 13 1
77-7270	Seal - O-Ring	28 524 1	77-7630	Screw - Cylinder Head	19 13 1
77-7280	Tube - Oil Fill	11 525 1	77-7640	Pump - Oil	11 1024 1
77-7280	Tube - Oil Fill	20 525 1	77-7640	Pump - Oil	20 1024 1
77-7300	Seal - O-Ring	11 842 1	77-7650	Cover - Oil Pump	11 979 1

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No.	Qty.	Part No.	Description	Pg. Ref. No. No.	Qty.
77-7650	Cover - Oil Pump	20 979	1	77-7960	Gasket - Air Cleaner	18 163	1
77-7660	O-Ring	11 116A	1	77-7960	Gasket - Air Cleaner	22 163	1
77-7660	O-Ring	20 116A	1	77-7960	Gasket - Air Cleaner	28 163	1
77-7660	Seal - O-Ring	18 116A	1	77-7970	Screw - Hex Head	12 124	1
77-7660	Seal - O-Ring	28 116A	1	77-7970	Screw - Hex Head	21 124	1
77-7670	Rod - Connecting	11 29	1	77-7980	Link - Governor	13 201	1
77-7670	Rod - Connecting	20 29	1	77-7980	Link - Governor	22 201	1
77-7680	Screw - Connecting Rod	11 32	1	77-7990	Spring - Governor	13 209	1
77-7680	Screw - Connecting Rod	20 32	1	77-7990	Spring - Governor	22 209	1
77-7690	Piston Assy (Std.)	11 25	1	77-8000	Bracket - Carburetor	13 620	1
77-7690	Piston Assy (Std.)	20 25	1	77-8000	Bracket - Carburetor	22 620	1
77-7700	Ring Set (Std.)	11 26	1	77-8020	Screw Assy - Speed Adj.	13 98A	1
77-7700	Ring Set (Std.)	20 26	1	77-8020	Screw Assy - Speed Adj.	22 98A	1
77-7710	Lock - Piston Pin	11 27	1	77-8030	Tube - Breather	13 529	1
77-7710	Lock - Piston Pin	20 27	1	77-8040	Tube - Vent	12 1011	1
77-7730	Head - Cylinder	10 5	1	77-8040	Tube - Vent	21 1011	1
77-7730	Head - Cylinder	19 5	1	77-8080	Valve - Throttle	12 130	1
77-7740	Gasket - Cylinder Head	10 7	1	77-8080	Valve - Throttle	21 130	1
77-7740	Gasket - Cylinder Head	18 7	1	77-8090	Screw - Valve Mtg	12 95	1
77-7740	Gasket - Cylinder Head	19 7	1	77-8090	Screw - Valve Mtg	21 95	1
77-7740	Gasket - Cylinder Head	28 7	1	77-8110	Valve - Inlet	12 134	1
77-7760	Gasket - Exhaust	10 883	1	77-8110	Valve - Inlet	18 134	1
77-7760	Gasket - Exhaust	18 883	1	77-8110	Valve - Inlet	21 134	1
77-7760	Gasket - Exhaust	19 883	1	77-8110	Valve - Inlet	28 134	1
77-7760	Gasket - Exhaust	28 883	1	77-8130	Shaft - Choke	12 141	1
77-7770	Guide - Push Rod	10 1034	1	77-8130	Shaft - Choke	21 141	1
77-7770	Guide - Push Rod	19 1034	1	77-8140	Spring - Choke	13 618	1
77-7780	Stud - Rocker Arm	10 166	1	77-8140	Spring - Choke	22 618	1
77-7780	Stud - Rocker Arm	19 166	1	77-8150	Washer - Seal	12 *634	1
77-7790	Arm - Rocker	10 1029	1	77-8150	Washer - Seal	18 *634	1
77-7790	Arm - Rocker	19 1029	1	77-8150	Washer - Seal	21 *634	1
77-7800	Cap - Valve	10 238	1	77-8150	Washer - Seal	28 *634	1
77-7800	Cap - Valve	19 238	1	77-8160	Shaft - Throttle	12 131	1
77-7810	Spring - Valve	10 35	1	77-8160	Shaft - Throttle	21 131	1
77-7810	Spring - Valve	19 35	1	77-8170	Float - Carburetor	12 133	1
77-7820	Adapter Assy	10 122	1	77-8170	Float - Carburetor	21 133	1
77-7820	Adapter Assy	12 122	1	77-8180	Pin - Float Hinge	12 104	1
77-7820	Adapter Assy	18 122	1	77-8180	Pin - Float Hinge	18 104	1
77-7820	Adapter Assy	19 122	1	77-8180	Pin - Float Hinge	21 104	1
77-7820	Adapter Assy	21 122	1	77-8180	Pin - Float Hinge	28 104	1
77-7820	Adapter Assy	28 122	1	77-8190	Bowl Assy - Carburetor	12 975	1
77-7860	Valve - Exhaust	10 33	1	77-8190	Bowl Assy - Carburetor	21 975	1
77-7860	Valve - Exhaust	19 33	1	77-8200	Gasket - Float Bowl	12 *137	1
77-7870	Retainer - Spring	10 40	1	77-8200	Gasket - Float Bowl	18 *137	1
77-7870	Retainer - Spring	19 40	1	77-8200	Gasket - Float Bowl	21 *137	1
77-7880	Valve - Intake	10 34	1	77-8200	Gasket - Float Bowl	28 *137	1
77-7880	Valve - Intake	19 34	1	77-8210	Gasket - Sealing	12 *116	1
77-7890	Seal Assy - Valve	10 868	1	77-8210	Gasket - Sealing	21 *116	1
77-7890	Seal Assy - Valve	18 868	1	77-8210	Washer - Bowl	18 116	1
77-7890	Seal Assy - Valve	19 868	1	77-8210	Washer - Bowl	28 116	1
77-7890	Seal Assy - Valve	28 868	1	77-8220	Screw - Hex Head	12 955	1
77-7900	Gasket - Valve	10 868A	1	77-8220	Screw - Hex Head	21 955	1
77-7900	Gasket - Valve	19 868A	1	77-8240	Screw - Idle Adj.	12 98	1
77-7900	Seal - Valve	18 868A	1	77-8240	Screw - Idle Adj.	21 98	1
77-7900	Seal - Valve	28 868A	1	77-8270	Housing - Blower	16 304	1
77-7910	Ball & Screw -	10 192	1	77-8280	Housing - Blower	25 304	1
77-7910	Ball & Screw -	19 192	1	77-8300	Screw - Hex Head	14 65	1
77-7920	Screw - Air Cleaner	13 969	1	77-8300	Screw - Hex Head	23 65	1
77-7920	Screw - Air Cleaner	22 969	1	77-8300	Screw - Hex Head	15 65	1
77-7930	Screw - Air Cleaner	13 971	1	77-8300	Screw - Hex Head	24 65	1
77-7930	Screw - Air Cleaner	22 971	1	77-8310	Screw - Hex Head	11 305	1
77-7940	Base - Air Cleaner	13 966	1	77-8310	Screw - Hex Head	16 305	1
77-7940	Base - Air Cleaner	22 966	1	77-8310	Screw - Hex Head	20 305	1
77-7950	Element - Filter	13 535	1	77-8310	Screw - Hex Head	25 305	1
77-7950	Element - Filter	22 535	1	77-8320	Flywheel - Magneto	25 23	1
77-7960	Gasket - Air Cleaner	13 163	1	77-8330	Flywheel - Magneto	16 23	1

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Part No.	Description	Pg. Ref. No. No.	Qty.	Part No.	Description	Pg. Ref. No. No.	Qty.		
77-8340	Key - Flywheel	16	24	1	77-8930	Carburetor Gasket Set	18	977	1
77-8340	Key - Flywheel	25	24	1	77-8930	Carburetor Gasket Set	28	977	1
77-8350	Cup - Starter	16	455	1	77-9030	Spacer - Fuel Tank	17	670	1
77-8350	Cup - Starter	25	455	1	77-9030	Spacer - Fuel Tank	26	670	1
77-8360	Nut - Flywheel	16	332	1	77-9060	Seal - Oil	10	3	1
77-8360	Nut - Flywheel	25	332	1	77-9060	Seal - Oil	18	3	1
77-8370	Stator Assembly	25	474	1	77-9060	Seal - Oil	19	3	1
77-8390	Stud - Stator Mounting	25	305A	1	77-9060	Seal - Oil	28	3	1
77-8400	Wire - Ground	16	356	1	77-9070	Screw - Engine Base	11	22	1
77-8400	Wire - Ground	25	356	1	77-9070	Screw - Engine Base	20	22	1
77-8420	Armature - Magneto	16	333	1	77-9200	Screw - Hex Head	10	10A	1
77-8420	Armature - Magneto	25	333	1	77-9200	Screw - Hex Head	19	10A	1
77-8420	Screw - Hex Washer Hd.	27	22A	1	77-9240	Plug - Pipe	11	15	1
77-8430	Terminal - Spark Plug	16	851	1	77-9240	Plug - Pipe	20	15	1
77-8430	Terminal - Spark Plug	25	851	1	77-9250	Gasket - Breather	10	9	1
77-8450	Starter Assy - Rewind	14	608	1	77-9250	Gasket - Breather	18	9	1
77-8450	Starter Assy - Rewind	23	608	1	77-9250	Gasket - Breather	19	9	1
77-8460	Housing - Rewind Starter	14	55	1	77-9250	Gasket - Breather	28	9	1
77-8460	Housing - Rewind Starter	23	55	1	77-9270	Pulley - Rewind Starter	14	56	1
77-8470	Retainer - Rewind Starter	14	456	1	77-9270	Pulley - Rewind Starter	23	56	1
77-8470	Retainer - Rewind Starter	23	456	1	77-9280	Short Block	3	*	1
77-8470	Washer Set	27	548	1	77-9290	Guard - Muffler	17	832	1
77-8480	Rope - Starter	14	58	1	77-9290	Guard - Muffler	26	832	1
77-8480	Rope - Starter	23	58	1	77-9300	Breather Assy	10	8	1
77-8490	Screw - Rewind Starter	14	461	1	77-9300	Breather Assy	19	8	1
77-8490	Screw - Rewind Starter	23	461	1	77-9310	Screw - Set	10	192A	1
77-8500	Spring - Torsion	14	515	1	77-9310	Screw - Set	19	192A	1
77-8500	Spring - Torsion	23	515	1	77-9320	Cover - Valve	10	1023	1
77-8510	Handle - Rewind Starter	14	60	1	77-9320	Cover - Valve	19	1023	1
77-8510	Handle - Rewind Starter	23	60	1	77-9340	Pin Assembly - Piston	11	28	1
77-8520	Handle - Rewind Starter	15	60	1	77-9340	Pin Assembly - Piston	20	28	1
77-8520	Handle - Rewind Starter	24	60	1	77-9360	Screw - Cap	17	188	1
77-8530	Pawl - Starter	14	459	1	77-9360	Screw - Cap	26	188	1
77-8530	Pawl - Starter	23	459	1	77-9360	Screw - Hex Head	11	188	1
77-8550	Pin - Spring	14	718A	1	77-9360	Screw - Hex Head	13	188	1
77-8550	Pin - Spring	23	718A	1	77-9360	Screw - Hex Head	16	188	1
77-8570	Cover - Spring	14	1016	1	77-9360	Screw - Hex Head	20	188	1
77-8570	Cover - Spring	23	1016	1	77-9360	Screw - Hex Head	22	188	1
77-8580	Tank Assy - Fuel	17	180	1	77-9360	Screw - Hex Head	25	188	1
77-8580	Tank Assy - Fuel	26	180	1	77-9410	Tube - Breather	10	11	1
77-8590	Seal - Foam	17	1041	1	77-9410	Tube - Breather	19	11	1
77-8590	Seal - Foam	18	1041	1	77-9420	Screw - Armature Mtg.	16	334	1
77-8590	Seal - Foam	26	1041	1	77-9420	Screw - Armature Mtg.	25	334	1
77-8590	Seal - Foam	28	1041	1	77-9430	Screw - Hex Head	17	346	1
77-8600	Screw - Tank Mtg.	17	674	1	77-9430	Screw - Hex Head	26	346	1
77-8600	Screw - Tank Mtg.	26	674	1	77-9470	Tube - Breather	22	529	1
77-8640	Muffler - Exhaust	17	300	1	77-9580	Overhaul Kit - Carburetor	18	121	1
77-8640	Muffler - Exhaust	26	300	1	77-9580	Overhaul Kit - Carburetor	28	121	1
77-8670	Armature Assembly	27	544	1	77-9600	Valve - Choke	12	108	1
77-8670	Motor - Starter	27	309	1	77-9600	Valve - Choke	21	108	1
77-8680	Bracket Assembly	27	801	1	77-9610	Jet - Main	12	117	1
77-8690	Head Assembly	27	802	1	77-9610	Jet - Main	18	117	1
77-8700	Shell & Magnet Assembly	27	803	1	77-9610	Jet - Main	21	117	1
77-8710	Screw - Hex Washer Hd.	27	310	1	77-9610	Jet - Main	28	117	1
77-8760	Gear - Pinion	27	783	1	77-9620	Valve & Spring - Needle	12	118	1
77-8770	Clutch Assembly	27	513	1	77-9620	Valve & Spring - Needle	18	118	1
77-8780	Cover - Gear	27	784	1	77-9620	Valve & Spring - Needle	21	118	1
77-8790	Gasket - Cover	27	785	1	77-9620	Valve & Spring - Needle	28	118	1
77-8800	Screw - Hex Washer Hd.	27	74	1	77-9630	Carburetor Assy	12	125	1
77-8810	Pinion - Starter	27	782	1	77-9630	Carburetor Assy	21	125	1
77-8820	Spline - Starter	27	937	1	77-9640	Jet - Pilot	12	147	1
77-8830	Retainer - Lock	27	938	1	77-9640	Jet - Pilot	21	147	1
77-8870	Screw - Hex Head	25	258	1	77-9650	Cap - Limiter	12	1091	1
77-8900	Gasket Set	18	358	1	77-9650	Cap - Limiter	18	1091	1
77-8900	Gasket Set	28	358	1	77-9650	Cap - Limiter	21	1091	1
77-8910	Drive Kit	27	510	1	77-9650	Cap - Limiter	28	1091	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
78-4100	Hose - Fuel	17 187 1	94-1656	Housing-Rewind Starter	24 55 1
78-4100	Hose - Fuel	26 187 1	94-1657	Pulley-Rewind Starter	15 56 1
78-4690	Clamp - Hose	17 601 1	94-1657	Pulley-Rewind Starter	24 56 1
78-4690	Clamp - Hose	26 601 1	94-1659	Retainer - Rewind Starter	15 456 1
80-2770	Cup - Anti Scalp	4 13 1	94-1659	Retainer - Rewind Starter	24 456 1
80-4790	Harness - Wire	9 52 1	94-1660	Screw-Rewind Starter	15 461 1
82-5531	Handle - Lower	8 1 1	94-1660	Screw-Rewind Starter	24 461 1
82-5531	Handle - Lower	9 1 1	94-1668	Rope-Starter (Cut To Suit)	15 58 1
82-5680	Bracket - Adjustment Trac.	1 27 1	94-1668	Rope-Starter (Cut To Suit)	24 58 1
82-8450	Decal - Danger Deck	1 5 1	94-1678	Starter Assy-Rewind	15 608 1
82-8780	Cable - Retainer	6 15 1	94-1678	Starter Assy-Rewind	24 608 1
82-8780	Retainer - Cable	5 4 1	94-6060	Decal - Engine	3 4 1
82-9910	Cover - Belt	1 30 1	218-461	Nut - Hex	9 48 1
83-6600	Cable - Clutch	8 41 1	2210-249	Clamp - Casing	3 6 1
83-6600	Cable - Clutch	9 41 1	237-153	O-Ring	5 7 2
84-8361	Latch - Handle LH	8 2 1	237-153	O-Ring	7 60 2
84-8361	Latch - Handle LH	9 2 1	2412-50	Clip - Tubing Convuluted	8 44 4
84-8401	Latch - Handle RH	8 3 1	2412-50	Clip - Tubing Convuluted	9 44 4
84-8401	Latch - Handle RH	9 3 1	2412-83	R-Clamp	2 39 1
91-2253	Cover - Wheel	5 21 1	2412-87	Clamp - Cable	2 37 1
92-1720	Kicker - RH Front	1 7 1	302-56	Fitting - Grease	6 20 2
92-1730	Kicker - LH Front	1 8 1	322-16	Screw - Hex Hd. Cap	3 24 1
92-1743	Charger - Battery	9 * 1	3254-5	Washer - Lock	9 47 1
92-1750	Plate - Kicker Rear	1 6 1	3256-23	Washer - Flat	3 10 2
92-2260	Screw - Handle	8 10 3	3256-24	Washer - Flat	6 12 1
92-2260	Screw - Handle	9 10 3	3257-17	Key - Woodruff	4 1 1
92-2261	Screw - Handle	8 38 1	3272-10	Pin - Cotter	5 3 1
92-2261	Screw - Handle	9 38 1	3272-10	Pin - Cotter	6 14 1
92-2267	Screw - Handle	8 37 1	3290-378	Tie - Cable	8 45 3
92-2267	Screw - Handle	9 37 1	3290-378	Tie - Cable	9 45 3
92-2277	Handle - Upper	8 8 1	3296-5	Locknut	6 11 1
92-2277	Handle - Upper	9 8 1	3296-6	Locknut	6 34 2
92-2279	Decal - HOC	1 17 4	3296-6	Nut - Lock	1 18 6
92-2289	Plate - Logo Toro	3 3 1	3296-33	Nut - Lock	4 10 1
92-3146	Decal - Panel Front	9 15 1	3296-47	Nut - Lock	3 25 2
92-4086	Grip - Foam	8 9 1	3296-72	Nut - Lock	8 6 3
92-4086	Grip - Foam	9 9 1	3296-72	Nut - Lock	9 6 3
92-9665	Screw - Phillips Hd.	8 17 4	3296-74	Nut - Flange	8 35 2
92-9665	Screw - Phillips Hd.	9 17 4	3296-74	Nut - Flange	9 35 2
93-0248	Decal - Warning	2 34 1	3296-75	Nut - Lock	8 34 1
93-3696	Decal - Deck	1 2 1	3296-75	Nut - Lock	9 34 1
93-3697	Decal - Panel Front	8 15 1	32104-96	Screw - Hex Socket Hd.	3 15 1
93-4106	Blade - 21	4 11 1	32104-107	Screw - Hex Hd.	3 9 1
93-4126	Spacer - Blade	4 9 1	32121-9	Pin - Roll	8 27 1
93-4181	Stiffener - Blade	4 12 1	32121-9	Pin - Roll	9 27 1
93-7167	Decal - Instruction	8 13 1	32121-120	Pin - Coil	7 52 1
93-7168	Decal - Instruction	9 13 1	32144-70	Screw - Tapping	1 28 5
93-8470	Screw - Clamp	3 5 1	32144-70	Screw - Thread Forming	6 16 1
94-1601	Brake Plate Assembly	3 20 1	32144-85	Screw	6 35 2
94-1605	Engine - GTS 150	3 1 1	32144-85	Screw - Hex Hd.	1 22 4
94-1606	Engine - GTS 150	3 1 1	32144-102	Screw	3 7 3
94-1651	Plug - Welch	12 127 1	32144-111	Screw - PPH	1 9 6
94-1651	Plug - Welch	18 127 1	32144-112	Screw - Thr'd Form	2 40 1
94-1651	Plug - Welch	21 127 1			
94-1651	Plug - Welch	28 127 1			
94-1653	Cup - Starter	15 455 1			
94-1653	Cup - Starter	24 455 1			
94-1654	Pawl-Starter	15 459 1			
94-1654	Pawl-Starter	24 459 1			
94-1655	Spring-Torsion	15 515 1			
94-1655	Spring-Torsion	24 515 1			
94-1656	Housing-Rewind Starter	15 55 1			

## OPTIONAL EQUIPMENT

Recycler Side Discharge Kit	Model No. 59197
Recycler Bagging Kit	Model No. 59195
Dethatcher Kit	Model No. 59131
Mow & Feed	Model No. 52070





