



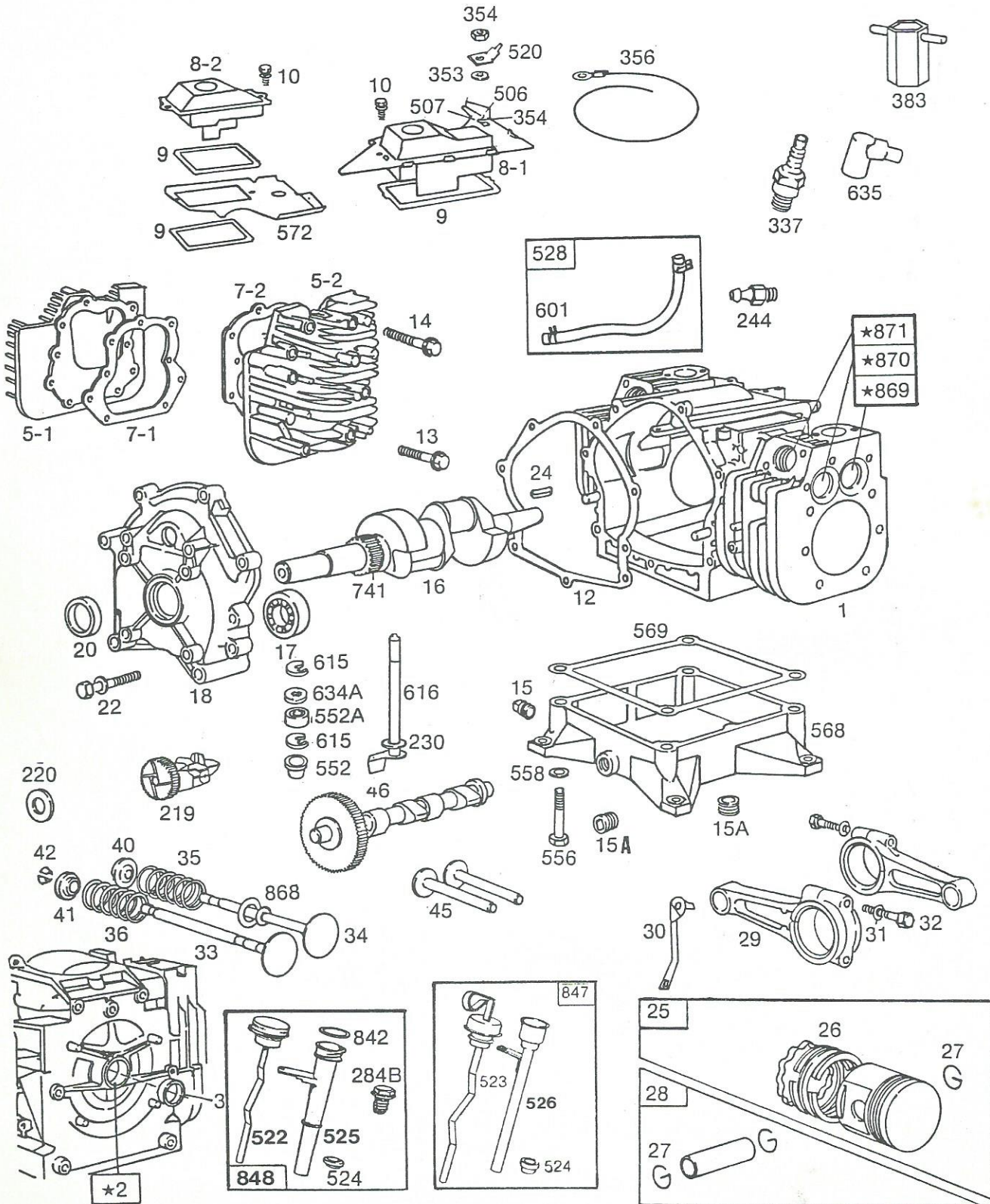
# BRIGGS & STRATTON

## ENGINE PARTS MANUAL

**MODEL - 402437**

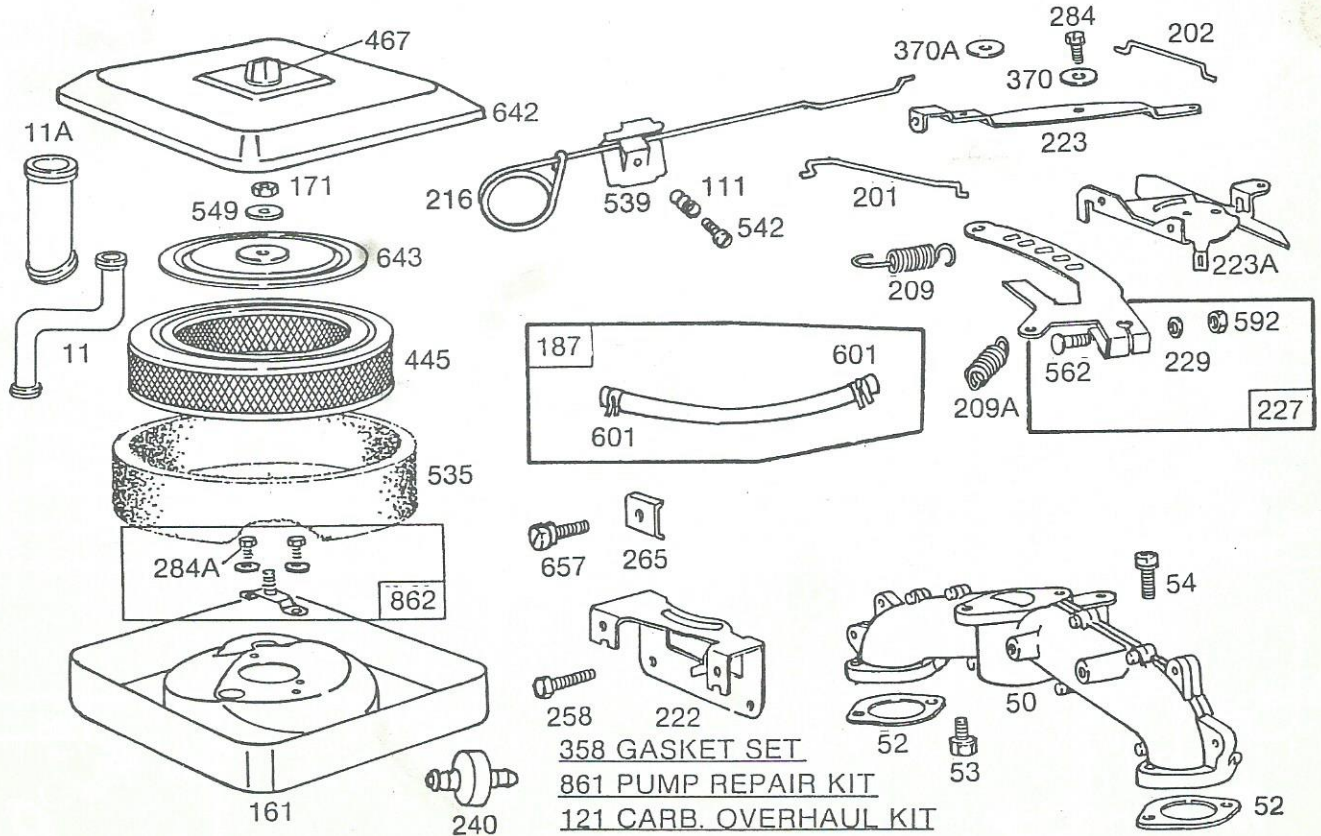
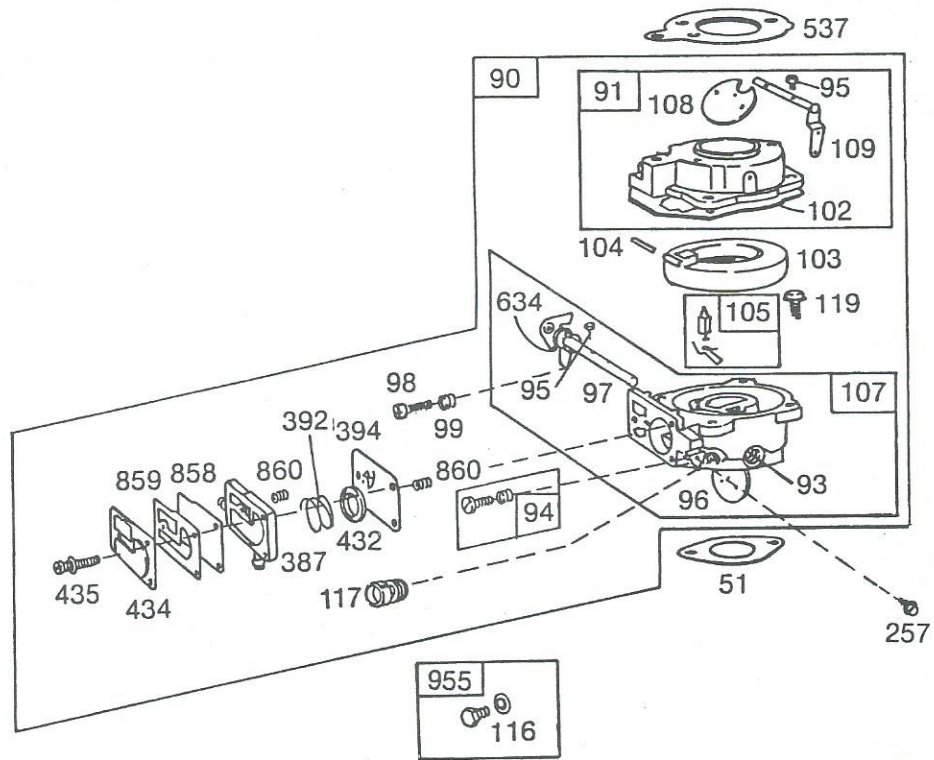
**TYPE — 0704 — (Used On TAURUS Vehicles)**

**TYPE — 0707 — (Used On ARGO Vehicles)**



**\*SPECIAL TOOLS REQUIRED TO INSTALL - SEE REPAIR INSTRUCTION MANUAL**

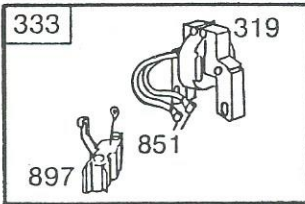
Assemblies include all parts shown in frames.



Assemblies include all parts shown in frames.



518



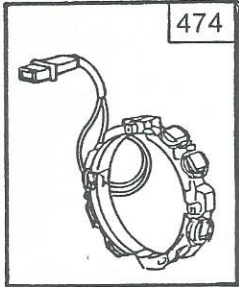
333

319

897

851

334



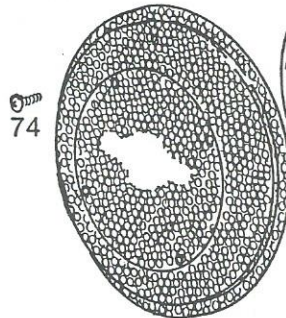
474

482



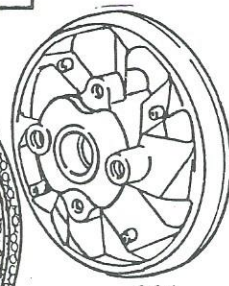
332

75



74

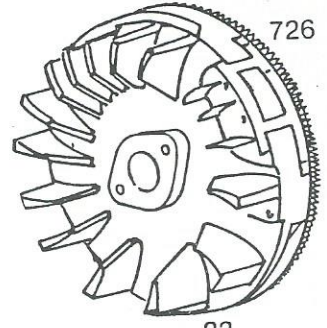
324



85

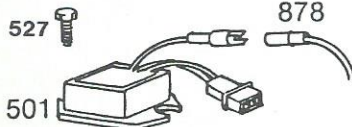
321

189



726

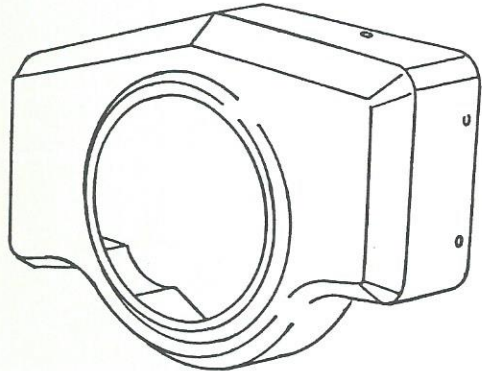
23



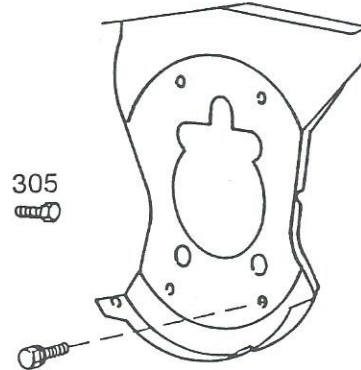
527

878

501



304

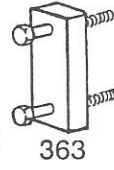


573

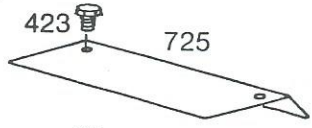
305

567

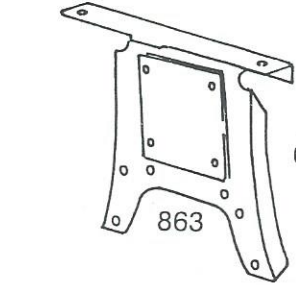
305



363

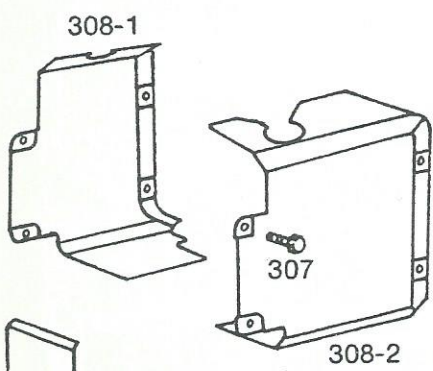


725



863

664



308-1

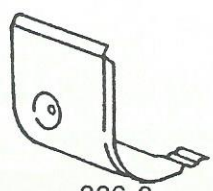
307

308-2

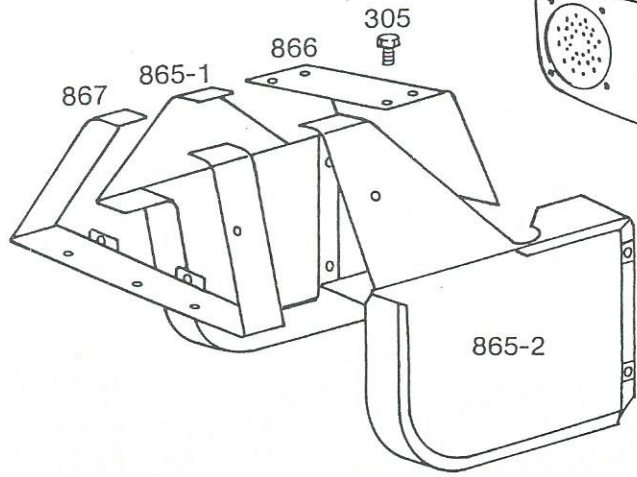


306-1

307



306-2



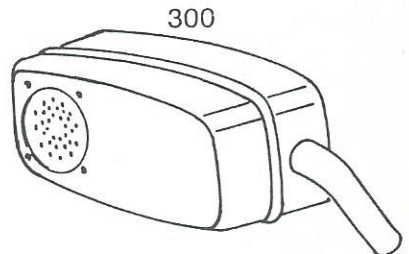
867

865-1

866

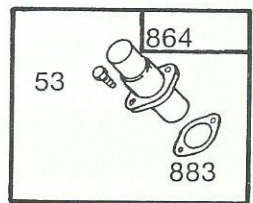
865-2

305



300

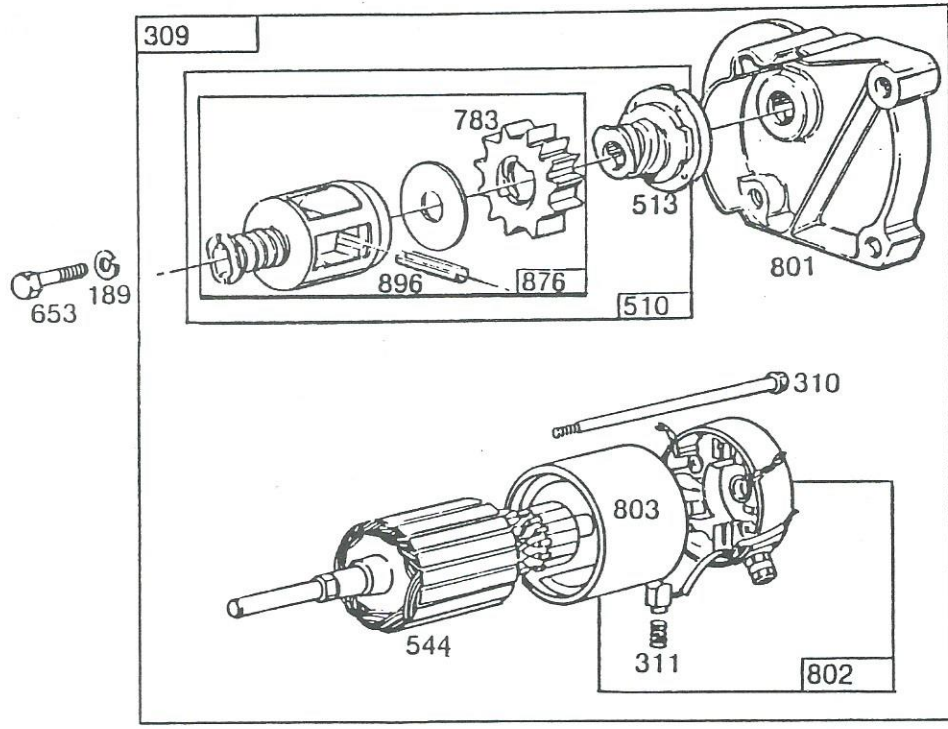
423



864

53

883



Subject		Ref. No. 309	Ref. No. 310	Ref. No. 311	Ref. No. 801	Ref. No. 802	Ref. No. 803
Starter Motor Manufacturer		Motor and Drive Assy.	Thru Bolt	Brush Assembly	End Cap Assy. Drive	End Cap Assy. Commutator	Housing Assembly
Briggs & Stratton	Housing Length						
12 V	3-5/8"	394808	94003	395538	394680	††395537	393825

Subject		Ref. No. 513	Ref. No. 544	Ref. No. 783	Ref. No. 876	Ref. No. 896	Ref. No. 510
Starter Motor Manufacturer		Clutch Assembly	Armature Assembly	Gear	Pinion Spring Kit	Roll Pin	Starter Drive Group
Briggs & Stratton							
12 V		391135	392747	280104	393254	93754	396865

Assemblies include all parts shown in frames.

Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
1	394900	Cylinder Assembly	108	223534	Valve - Choke
2	261623	Bearing - Cylinder	109	392673	Shaft and Lever - Choke
3	391086	Seal - Oil	111	26155	Spring - Choke, (type 0704 only)
5-1	212461	Head - Cylinder #1	116	280474	O-Ring
5-2	212462	Head - Cylinder #2	117	231339	Jet- Needle Valve(Fixed)(High Altitude)
7-1	*270984	Gasket - Cylinder Head #1	119	94152	Screw - Hex. Hd. Sem
7-2	*270983	Gasket - Cylinder Head #2	121	394502	Carburetor Overhaul Kit
8-1	393243	Breather Assembly #1	161	222752	Body - Air Cleaner
8-2	393153	Breather Assembly #2	171	93715	Nut - Hex
9	* 27803	Gasket - Valve Cover	187	299146	Line- Fuel, Cut to required length
10	93394	Screw -Sem	189	90366	Lockwasher
11	280185	Tube - Breather	201	261444	Link - Governor
11A	280198	Tube - Intake	202	261531	Link - Speed Control
12	*270982	Gasket - Crankcase Cover - 1/64" thick	209	261720	Spring - Governor
	*271145	Gasket - Crankcase Cover - .005" thick	209A	261563	Spring - Governed Idle
	*271146	Gasket - Crankcase Cover - .009" thick	216	261511	Rod - Manual Choke,(type 0704 only)
13	93111	Screw - Cylinder Head (1-15/16" long)	219	394348	Gear - Governor
14	93113	Screw - Cylinder Head (2-5/16" long)	220	222773	Washer - Thrust
15	91084	Plug - Oil Drain	222	222807	Bracket - Speed Control
15A	93448	Plug - Hex. Socket	2228	222828	Lever - Speed Control
16	398917	Crankshaft,	223A	394324	Plate Assembly - Governor Control
	Note:	Order Part #94196 for Timing Gear	227	393846	Lever Assy. - Governor
		Key Replacement	229	222829	Washer
17	393741	Bearing - Ball (P.T.O. Side)	230	220863	Washer - Gov. Crank (inside)
18	394535	Cover Assembly - Crankcase (Ball Brg.)	240	394358	Filter - Fuel (In Fuel Pipe)
20	291675	Seal - Oil	244	230318	Connector - Fuel Pipe
22	93847	Screw - Crankcase Cover Mtg. Sem	257	93897	Screw - Casing Clamp
23	393480	Flywheel and Ring Gear Assy. - Magneto	258	93163	Screw - Sem
24	222698	Key - Flywheel (For MAGNETRON Ignition)	265	221535	Clamp - Casing
25	394955	Piston Assembly - Standard	284	93828	Screw - Sem
	394956	Piston Assembly - .010" O.S.	284A	93893	Screw - Sem
	394957	Piston Assembly - .020" O.S.	284B	93886	Screw - Hex. Hd.
	394958	Piston Assembly - .030" O.S.	300	394200	Muffler - Exhaust, (type 0707 only)
26	394959	Ring Set - Piston - Standard	304	396088	Housing - Blower
	394960	Ring Set - Piston - .010" O.S.	305	93158	Screw - Sem
	394961	Ring Set - Piston - .020" O.S.	306-1	222846	Shield - Cylinder, (type 0704 only)
	394962	Ring Set - Piston - .030" O.S.	306-2	222847	Shield - Cylinder, (type 0704 only)
27	260924	Lock - Piston Pin	307	93163	Screw - Sem
28	299691	Pin Assembly - Piston - Standard	308-1	222848	Cover - Air Guide, (type 0704 only)
	391286	Pin Assembly - Piston - .005" O.S.	308-2	222849	Cover - Air Guide, (type 0704 only)
29	393270	Rod Assembly - Connecting	309	393017	Motor - Starting
	Note:	For Connecting Rod with .020" Undersize	319	394988	Armature Assy.
		Crankpin Bore - Order No. 393714	321	212370	Fan - Booster
30	222480	Dipper - Connecting Rod	324	222872	Screen - Rotating
31	220863	Washer - 1/4 x 5/8 x 1/32	332	230674	Nut - Hex
32	92909	Screw - Connecting Rod	333	394891	Armature Group - (MAGNETRON Ignition)
33	390420	Valve - Exhaust	334	93381	Screw - Armature Mtg. Sem
34	261528	Valve - Intake, Uses: 393606 Seal Assy. and Retainer (Ref. No. 868)	337	394539	Plug - Spark (2-3/8" High - 60 M.M.) (Resistor)
35	65906	Spring - Intake Valve	345	212259	Cover - Breaker Point
36	26828	Spring - Exhaust Valve	353	92791	Washer - Lock - Shakeproof
40	221596	Retainer - Intake Valve	354	90576	Nut - Hex. - 8-32
41	292260	Roto-Cap - Exhaust Valve	356	298693	Wire - Ground
42	93630	Retainer - Exhaust Valve Roto-Cap (2)	358	394501	Gasket Set
45	261368	Tappet - Valve	363	19203	Puller - Flywheel (Optional Accessory)
46	212337	Gear - Cam,	370	231172	Bushing - Speed Control
	Note:	212415 Gear - Cam used on Type Nos. below 0500.	370A	66432	Washer - Plain
50	393349	Manifold Assy. - Intake	383	89838	Wrench - Spark Plug
51	+*271412	Gasket - Carb. Mtg.	387	280197	Body - Pump
52	*270884	Gasket - Intake Manifold Mtg.	392	261395	Spring - Pump
53	93415	Screw - Hex. Hd. Sem	394	270988	Diaphragm
54	93208	Screw - Intake Manifold Mtg. Sem	423	93343	Screw - Hex Head
74	93808	Screw - Sem	432	221377	Cap - Spring
75	222511	Washer - Spring	434	223688	Cover - Diaphragm
78	93805	Screw - Sem	435	93829	Screw - Diaphragm Cover
81	223016	Lock - Muffler Screw	445	394018	Cartridge - Air Cleaner
85	92674	Screw - Hex. Hd.	467	212292	Knob - Air Cleaner
90	397245	Carburetor Assembly	474	393295	Stator - Alternator
91	399535	Body Assembly - Upper Carburetor	482	93621	Screw - Sem
93	231209	Bushing - Throttle Shaft	501	394890	Regulator Alternator (A.C. or D.C.) (13 Amps.)
94	+292681	Valve Assembly, - Carburetor Idle	506	231174	Terminal
95	93499	Screw - Throttle and Choke Valve Mtg.	507	280180	Grommet - Insulator
96	221939	Valve - Throttle	518	69932	Rope - Starter
97	392672	Shaft and Lever - Throttle uses: 222923 Throttle Shaft Stop	520	93722	Terminal - Spade
98	91920	Screw - Machine, Fil. Hd. - 8-32 x 5/8"	522	398924	Cap and Dipstick - Oil Filler, (type 0707 only)
99	26157	Spring - Throttle Adjustment	523	394014	Cap and Dipstick - Oil Filler, (type 0704 only)
102	+271607	Gasket - Carburetor Body	524	68838	Seal - Filler Tube
103	298514	Float - Carburetor	525	280220	Tube - Oil Filler, (type 0707 only)
104	+230896	Pin - Float Hinge	526	392782	Tube - Oil Filler, (type 0704 only)
105	+299096	Valve - Fuel Inlet	527	93343	Screw - Regulator
107	399623	Body - Lower Carb.			

Ref. No.	Part Number	Description	Ref. No.	Part Number	Description
528	393244	Line - Fuel (Impulse)	842	271170	Seal - Tube, (type 0707 only)
535	271271	Element - Air Cleaner	847	394023	Dipstick and Tube Assembly, (type 0704)
537	+*271411	Gasket - Air Cleaner	848	398990	Dipstick and Tube Assembly, (type 0707)
539	221372	Clip - Control Rod, (type 0704 only)	851	221798	Terminal - Ignition Cable
542	90746	Screw - Fil. Hd., (type 0704 only)	858	270989	Diaphragm - Damping
549	271180	Washer	859	271025	Gasket - Carb. Pump
552	261559	Lower Bushing - Governor	860	261358	Spring (2)
552A	261560	Upper Bushing - Governor	861	393397	Repair Kit - Pump
556	93783	Screw - Hex. Hd.	862	392643	Mounting Strap Assy. - Air Cleaner
558	92268	Washer	863	222776	Bracket - Muffler, (type 0707 only)
562	93853	Bolt - Governor Lever	864	393483	Adapter Assy.-Muffler, (type 0707 only)
567	93777	Screw - Hex Hd. (Back Plate to Cyl.)	865-1	392991	Cover Assy. - Air Guide (Cyl. #1), (type 0707 only)
568	394391	Base - Engine	865-2	392992	Cover Assy - Air Guide (Cyl. #2), (type 0707 only)
569	270981	Gasket - Engine Base	866	393025	Rear Insert Assy. (Air Guide), (type 0707 only)
572	222700	Guide - Air	867	222775	Frame - Air Guide, (type 0707 only)
573	392934	Back Plate Assy.	868	393606	Seal Assy. and Retainer
592	92278	Nut - Hex. - 10-24	869	261463	Seat - Intake Valve (Standard)
601	93053	Clamp - Fuel Pipe	870	210940	Seat - Exhaust Valve (Standard)
615	93851	Retainer - E-Ring	871	261961	Guide - Exhaust Valve
616	394396	Crank - Governor		Note:	231218 Guide - Intake Valve
634	+271013	Washer (Throttle Shaft)			See Repair Manual
634A	271316	Foam Seal - Gov. Shaft	876	393254	Kit - Pinion Spring
635	66538	Elbow - Spark Plug	878	393422	Alternator Harness Assembly
642	223001	Cover - Air Cleaner	883	271174	Gasket - Exhaust
643	222835	Cartridge Plate - Air Cleaner	897	394970	Trigger Coil Assembly MAGNETRON Ign.
653	91162	Screw - Hex. Hd. - 5/16-18 x 1-1/2"	955	397882	Plug and Seal - Solenoid
657	93496	Screw - Sem			~ Included in Carburetor Overhaul Kit - Part No. 394502 and Pump Repair Kit - Part No. 393397
664	93343	Screw - Sem			+ Included in Carburetor Overhaul Kit - Part No. 394502
722	280222	Seal - Plunger			* Included in Gasket Set - Part No. 394501
725	222981	Shield - Heat, (type 0707 only)			
726	391362	Gear - Flywheel Ring (Including Mounting Parts)			
741	262221	Gear - Timing			

# **ODG**

**Ontario Drive & Gear Limited**

**Box 280, Bleams Road  
New Hamburg, Ontario, Canada N0B 2G0  
Phone: (519) 662-2840**