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FORM MS-3478-05/09/2006
REPLACES FORM MS-6179-08/30/2005
FILE IN SECT. 2 OF SERVICE MANUAL

32K400

Illustrated Parts List

Model Series

32K400

GAS/KEROSENE

TYPE NUMBER(S)

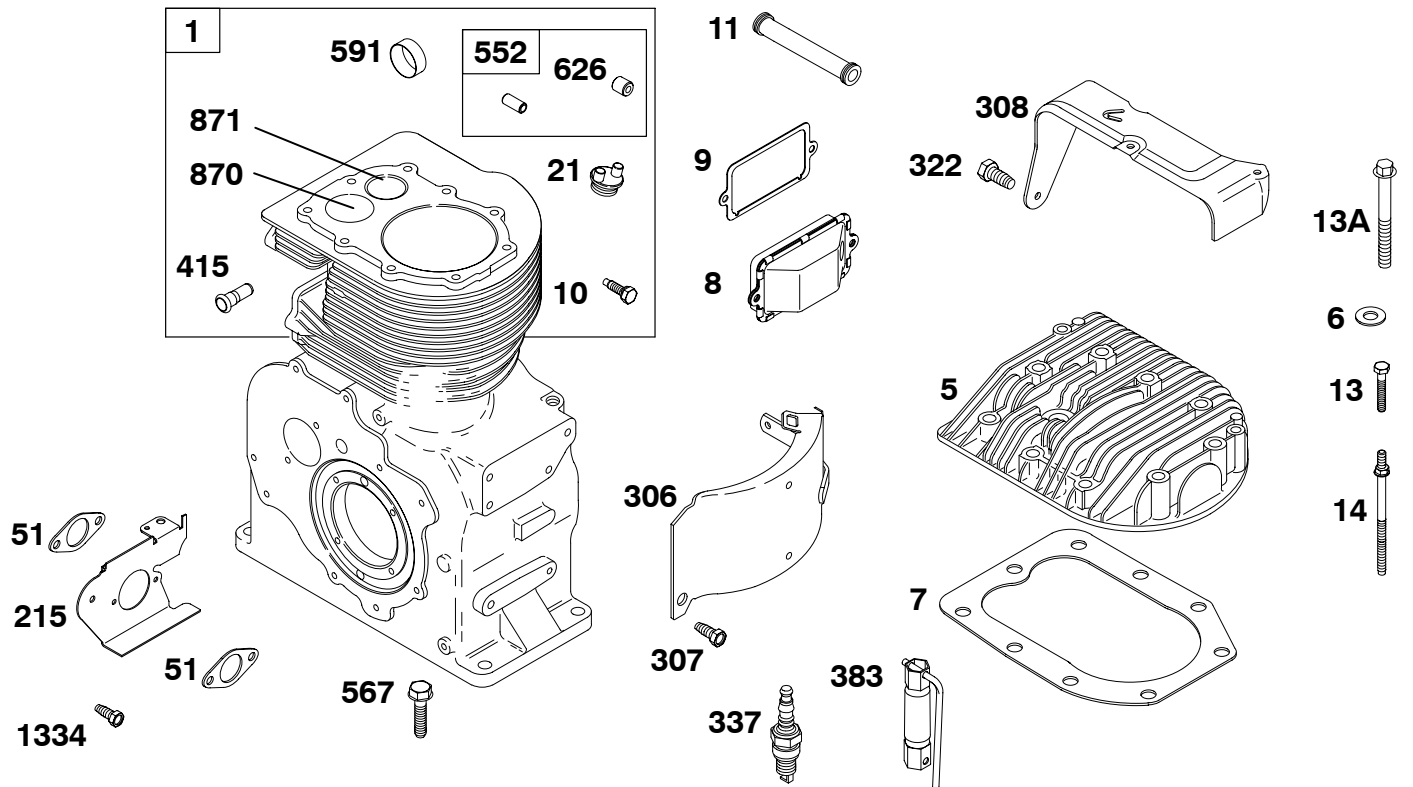
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32K400

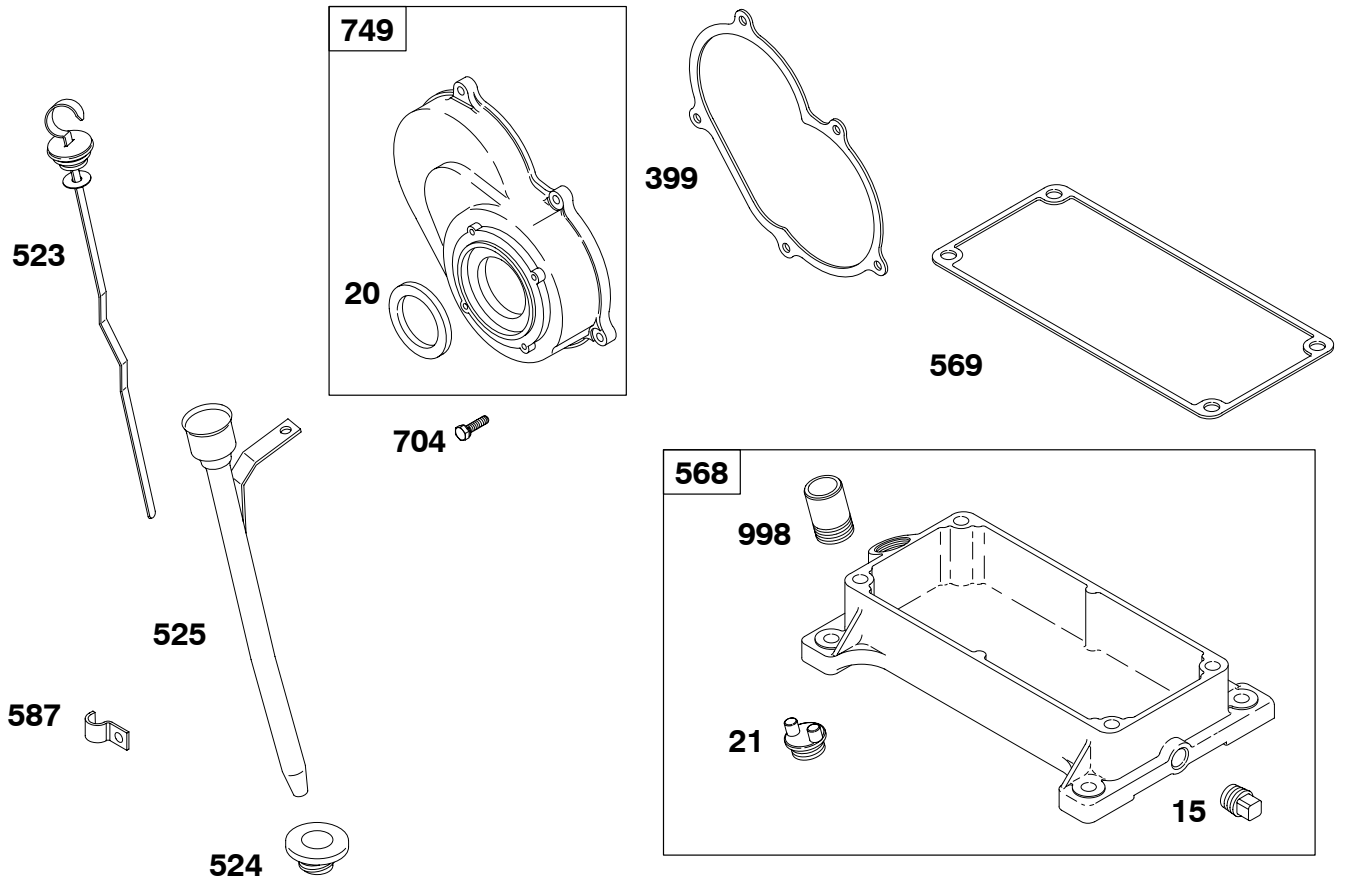


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	395663	Cylinder Assembly	14	691690	Stud (Cylinder Head)	870	691583	Seat-Valve (Exhaust)
5	691712	Head-Cylinder	21	281658s	Cap-Oil Fill	871	231218	Bushing-Guide
6	225137	Washer (Cylinder Head)	51	★Ø27381s	Gasket-Intake	1334	692198	Screw (Air Guide)
7	★Ø692231	Gasket-Cylinder Head	215	291871	Guide-Air			
8	495738	Breather Assembly	306	299536	Shield-Cylinder			
9	★Ø27803s	Gasket-Breather	307	690294	Screw (Cylinder-Shield)			
10	690294	Screw (Breather Assembly)	308	691731	Cover-Cylinder			
11	691512	Tube-Breather	322	692198	Screw (Cylinder Cover)			
13	691614	Screw (Cylinder Head) (1 3/4" Long)	337	802592s	Plug-Spark			
		Note -----	383	89838	Wrench-Spark Plug			
		691640 Screw (Cylinder Head) (2 1/16" Long)	415	692882	Plug (Cylinder)			
13A	691441	Screw (Cylinder Head) (2 7/16" Long)	552	393666	Bushing-Governor Crank			
			567	691104	Screw (Engine Base)			
			591	691746	Plug-Camshaft			
			626	690512	Spacer-Governor Crank			

★ Engine Gasket Set-Reference 358
● Carburetor Overhaul Kit-Reference 121

Ø Valve Gasket Set-Reference 1095

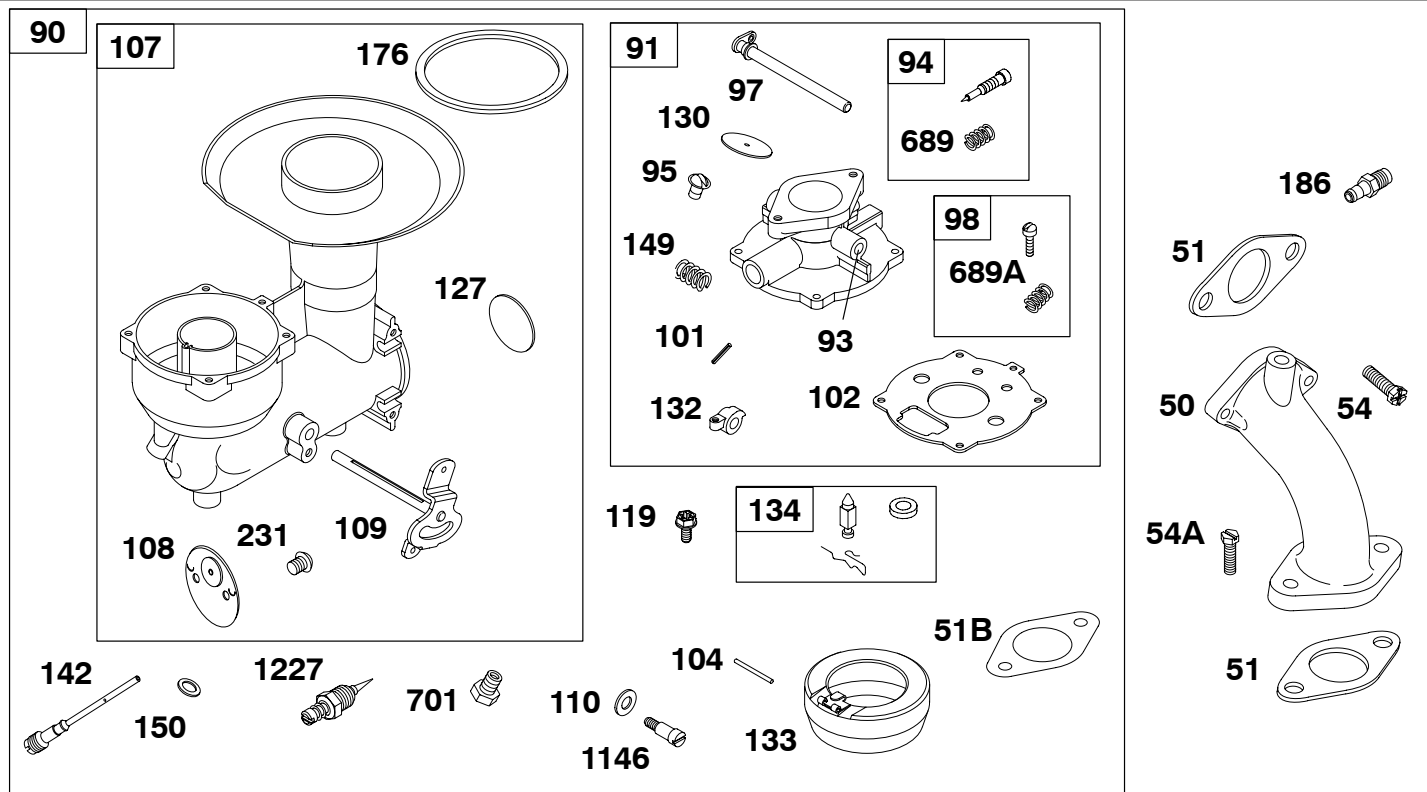
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	690946	Plug-Oil Drain	523	691352	Dipstick	704	691083	Screw
20	★691948	Seal-Oil (PTO Side)	524	★281370s	Seal-Dipstick Tube			(Counterweight Cover)
21	281658	Cap-Oil Fill	525	690622	Tube-Dipstick	749	391361	Cover-Counterweight
399	★691310	Gasket-Gear Reduction Cover	568	294751	Base-Engine	998	690502	Pipe-Oil
			569	★691569	Gasket-Engine Base			
			587	690389	Clamp-Cable			

★ Engine Gasket Set-Reference 358
 ● Carburetor Overhaul Kit-Reference 121

∅ Valve Gasket Set-Reference 1095

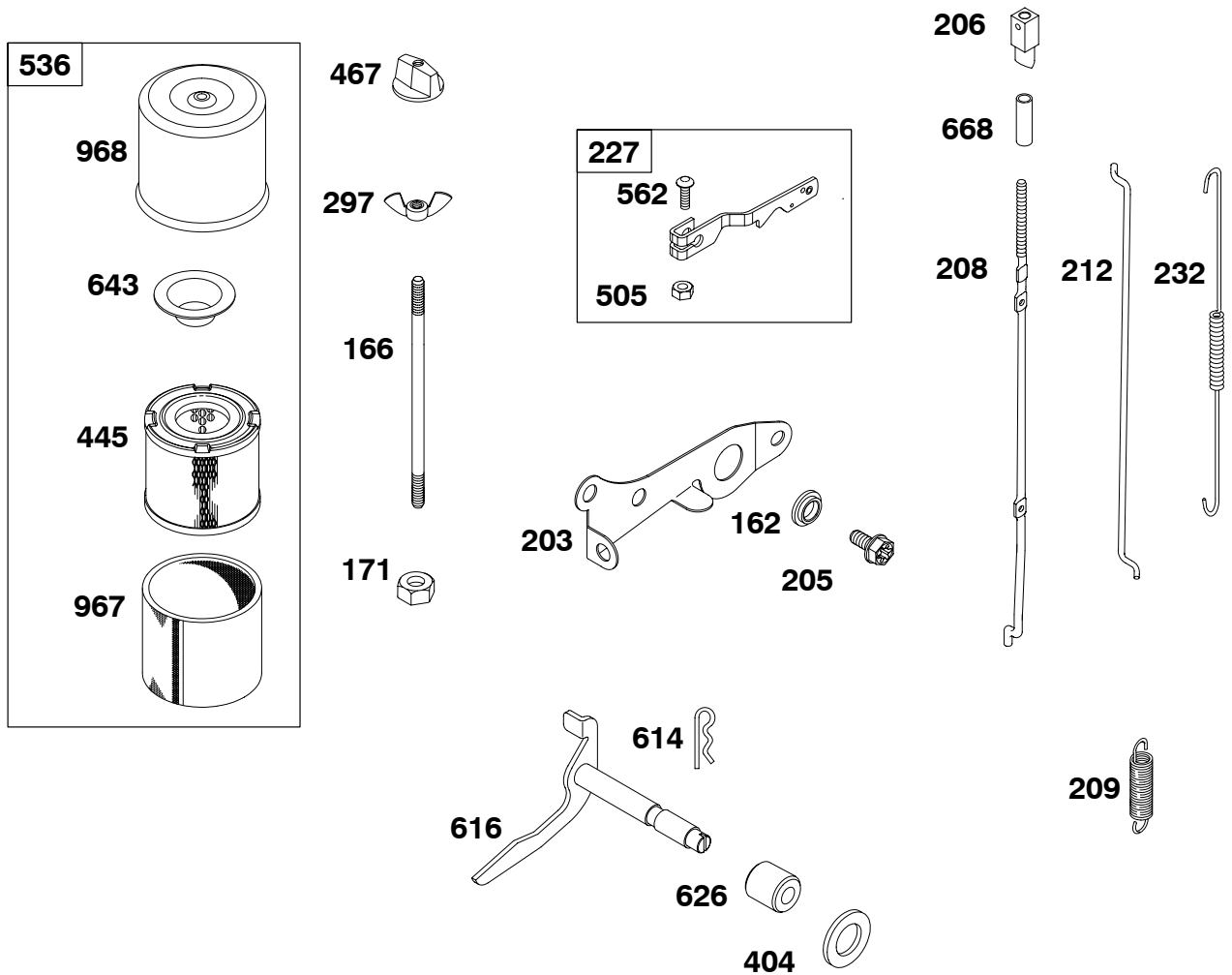


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	691152	Manifold-Intake	102	692215	Gasket-Carburetor Body	134	394682	Kit-Needle/Seat
51	27381	Gasket-Intake	104	691775	Pin-Float Hinge	142	691966	Nozzle-Carburetor
51B	692214	Gasket-Intake (Carburetor)	107	391069	Body-Lower Carburetor	149	691592	Spring-Needle Valve
54	690953	Screw (Intake Manifold)	108	690621	Valve-Choke	150	691610	Gasket-Nozzle
54A	691681	Screw (Intake Manifold)	109	691353	Shaft-Choke	176	691929	Seal-O Ring (Air Cleaner Base)
90	391065	Carburetor	110	691186	Washer (Choke Shaft)	186	691764	Connector-Hose
91	391067	Body Assembly-Upper	119	691587	Screw (Upper to Lower Carburetor Body)	231	691437	Screw (Choke Valve)
93	691769	Bushing-Throttle Shaft	127	690627	Plug-Welch	689	691590	Spring-Friction
94	292681	Kit-Idle Mixture	130	691727	Valve-Throttle	689A	691591	Spring-Friction
95	691437	Screw (Throttle Valve)	132	691708	Stop-Throttle	701	23118	Retainer-Needle Valve
97	691944	Shaft-Throttle	133	692265	Float-Carburetor	1146	691587	Screw (Choke Shaft)
98	693942	Kit-Idle Speed				1227	99525s	Valve-High Speed
101	691616	Pin-Shaft						

★ Engine Gasket Set-Reference 358
 ● Carburetor Overhaul Kit-Reference 121

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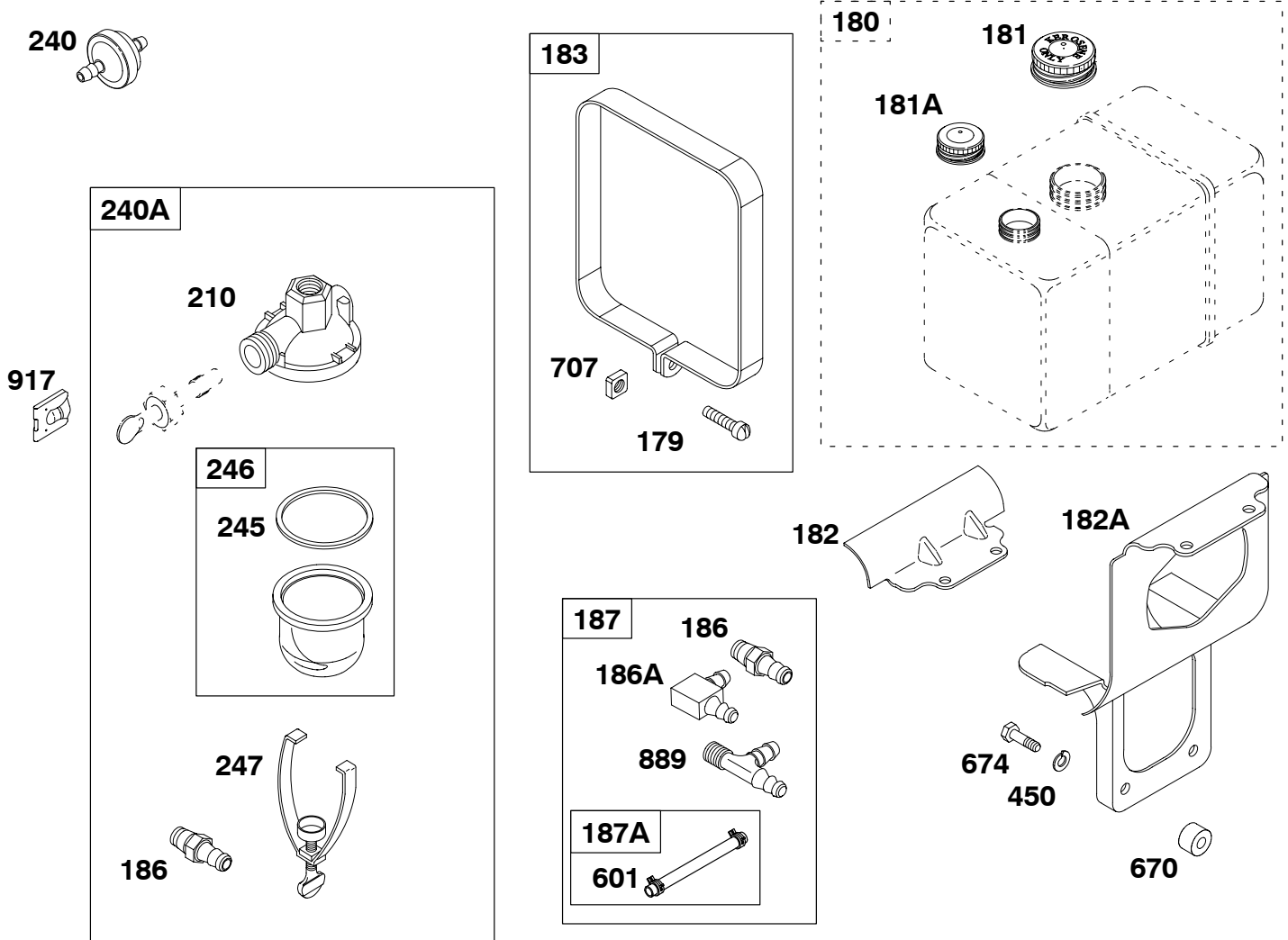
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
162	690267	Collar-Bell Crank	227	690607	Lever-Governor Control	614	691620	Pin-Cotter
166	691241	Stud (Air Cleaner) (9 1/2" Long)	232	690545	Spring-Governor Link	616	291364	Crank-Governor
171	690284	Nut (Air Cleaner)	297	691331	Nut (Air Filter Retainer)	626	690512	Spacer-Governor Crank
203	690263	Crank-Bell	404	690264	Washer (Governor Crank)	643	691730	Retainer-Air Filter
205	690810	Screw (Bell Crank)	445	393957	Filter-Air	668	690313	Spacer (Governor Control Rod)
206	691584	Nut-Governor Adjusting	467	691668	Knob-Air Cleaner	967	271794s	Filter-Pre Cleaner
208	393613	Rod-Governor Control	505	691251	Nut (Governor Control Lever)	968	691755	Cover-Air Cleaner
209	691596	Spring-Governor	536	391063	Cleaner-Air			
212	691791	Link-Throttle	562	691119	Bolt (Governor Control Lever)			

★ Engine Gasket Set-Reference 358
● Carburetor Overhaul Kit-Reference 121

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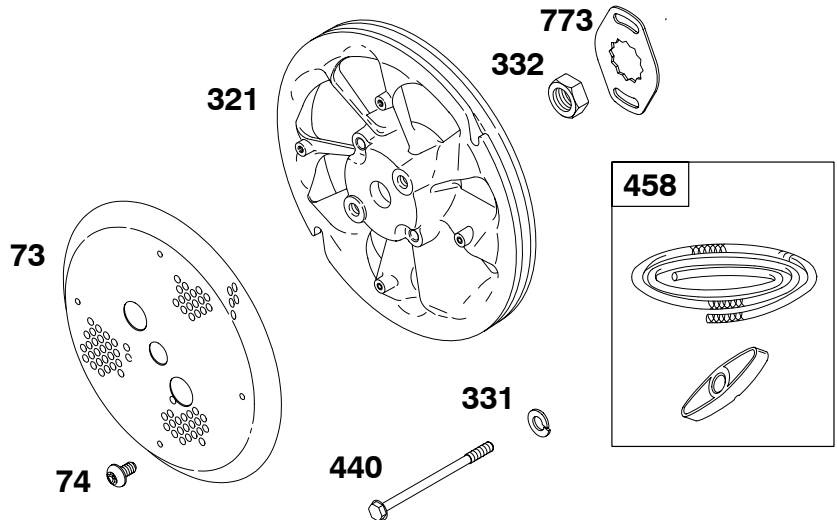
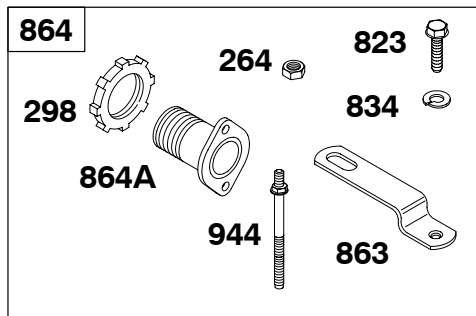
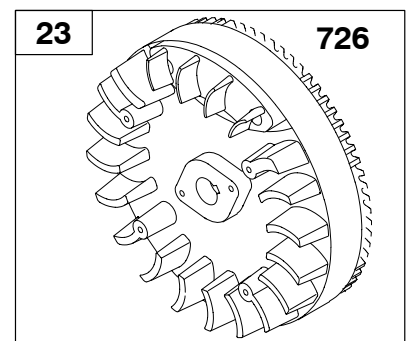
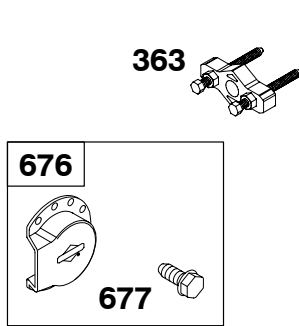
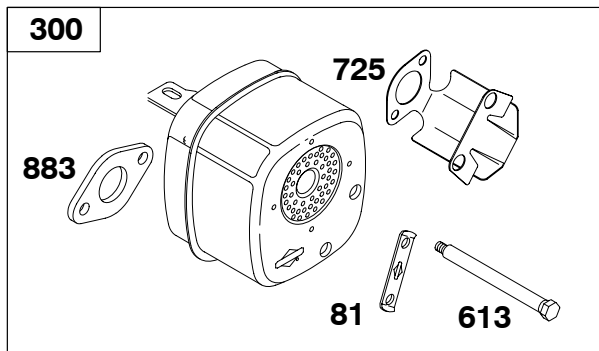


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
179	690280	Screw (Fuel Tank Strap)	210	691962	Screen-Filter	707	690279	Nut (Fuel Tank Strap)
180		Tank-Fuel (No Longer Available)	240	298090s	Filter-Fuel	889	93915	Tee
181	392887	Cap-Fuel Tank (Large) (Kerosene Only)	240A	690612	Filter-Fuel	917	691737	Valve-Handle Shutoff
181A	392886	Cap-Fuel Tank (Small) (Gas Only)	245	★692190	Gasket-Fuel Bowl			
182	691068	Bracket-Fuel Tank	246	298683	Bowl-Fuel Filter			
182A	690262	Bracket-Fuel Tank	247	691700	Yoke-Bowl			
183	691937	Strap-Fuel Tank	450	691075	Washer (Fuel Tank Bracket)			
186	691764	Connector-Hose	601	95162	Clamp-Hose			
186A	691609	Connector-Hose	670	690505	Spacer-Fuel Tank			
187	791893	Line-Fuel	674	690303	Screw (Fuel Tank Bracket)			
187A	791745	Line-Fuel (Cut to Required Length)						

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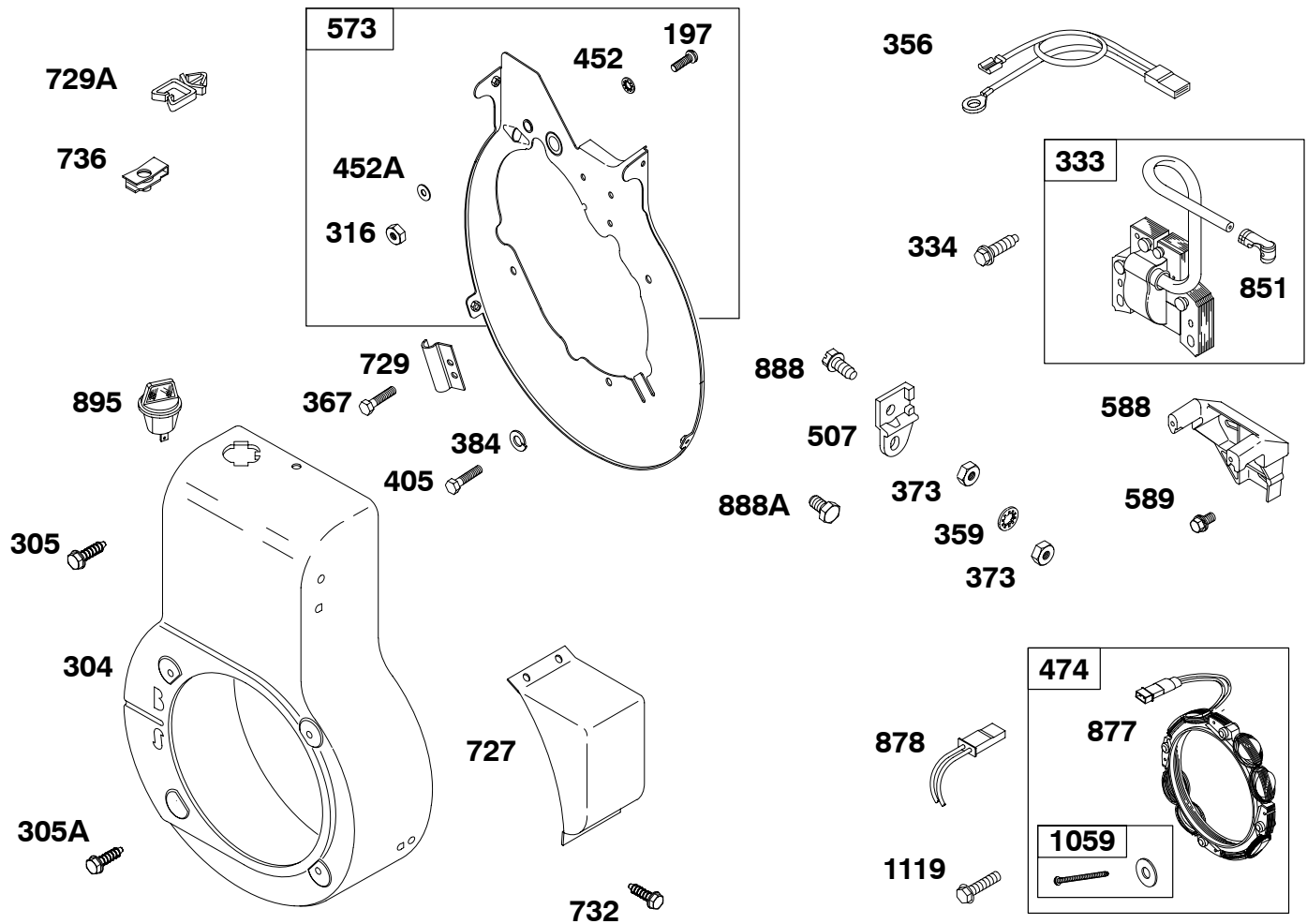
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23	395251	Flywheel (Magnetron)	331	691075	Washer (Booster Fan)	725	690420	Shield-Heat
		-----Note-----	332	691059	Nut (Flywheel)	726	391362	Gear-Ring
73	691171	Screen-Rotating	363	19203	Puller-Flywheel	773	690265	Retainer
74	691655	Screw (Rotating Screen)	440	691076	Screw (Booster Fan)	823	691108	Screw (Muffler Adapter)
81	691178	Lock-Muffler Screw	458	69932	Kit-Rope/Handle	834	691075	Washer (Muffler Adapter)
264	691105	Nut (Muffler Adapter)	613	691416	Screw (Muffler)	863	694016	Bracket-Muffler
298	691808	Locknut-Muffler	676	393761	Deflector-Muffler	864	394584	Adapter-Muffler
300	399635	Muffler	677	690661	Screw (Muffler Deflector)	864A	690637	Adapter-Muffler
321	691151	Fan-Booster				883	★692236	Gasket-Exhaust
						944	691690	Stud (Muffler Adapter)

★ Engine Gasket Set-Reference 358
 ● Carburetor Overhaul Kit-Reference 121

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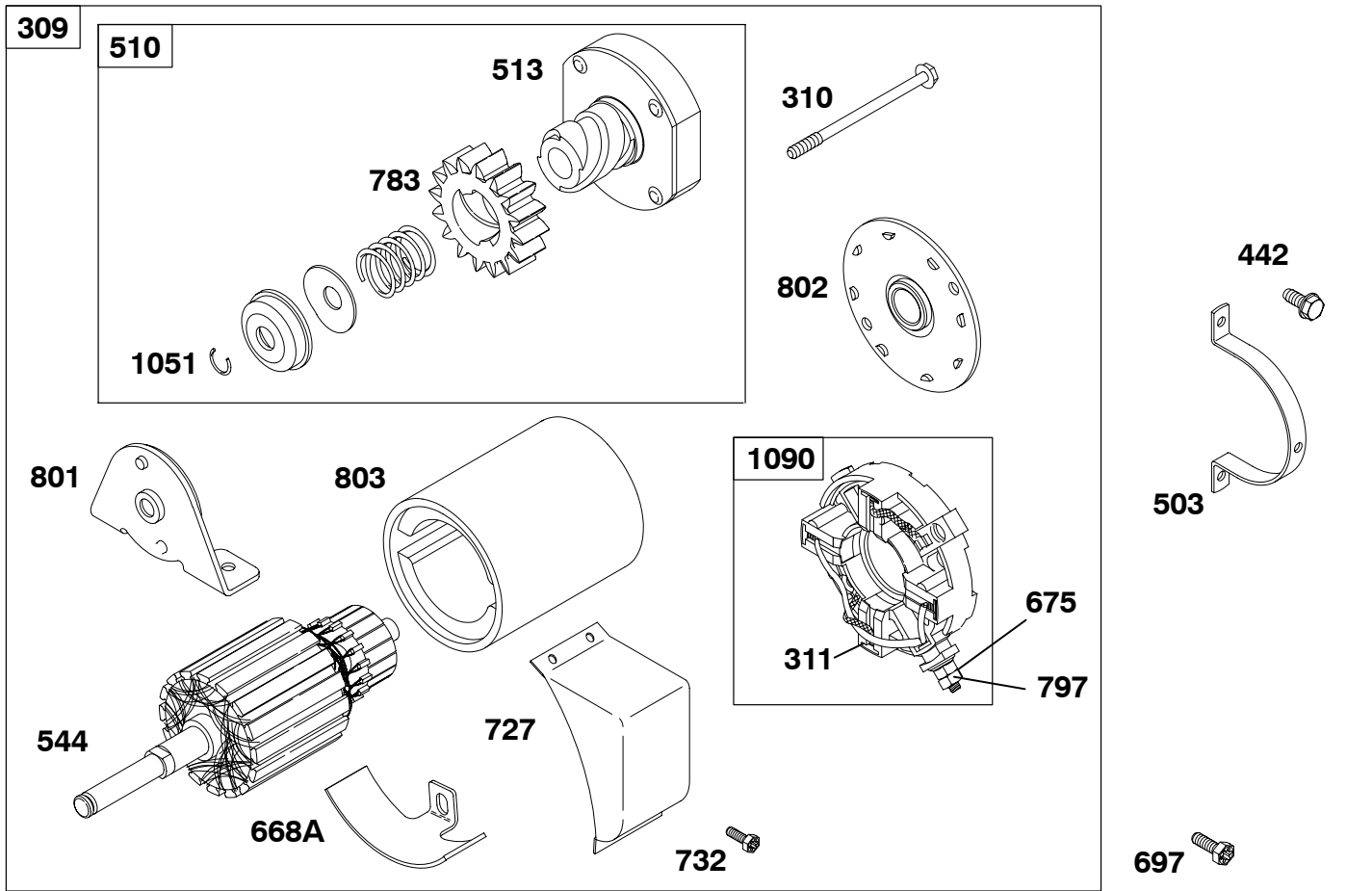


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
197	90072	Screw (Back Plate) (5/8" Long)	384	690371	Washer (Back Plate)	732	93410	Screw (Starter Drive Cover)
304	391229	Housing-Blower	405	690290	Screw (Back Plate)	736	690302	Nut-Clip
305	690297	Screw (Blower Housing) (7/16" Long)	452	92864	Washer (Back Plate) (Lockwasher)	851	493880s	Terminal-Cable
305A	690290	Screw (Blower Housing) (1/2" Long)	452A	26404	Washer (Back Plate) (Flat)	877	393456	Wire-Alternator
316	691612	Nut (Back Plate)	474	696459	Alternator (Dual Circuit)	878	398661	Harness-Alternator
333	398811	Armature-Magneto	507	690584	Insulator	888	690292	Screw (Insulator) (1/2" Long)
334	691061	Screw (Armature)	573	391220	Plate-Back	888A	690295	Screw (Insulator) (3/8" Long)
356	690650	Wire-Stop	588	690375	Bracket-Armature	895	692309	Switch-Rotary
359	691077	Washer (Insulator)	589	690300	Screw (Armature Bracket)	1059	698516	Kit-Screw/Washer (Alternator)
367	690305	Screw (Clip Wire)	727	692338	Cover-Starter Drive	1119	691183	Screw (Alternator)
379	691612	Nut (Insulator)	729	690432	Clip-Wire (Alternator)			
			729A	690588	Clip-Wire			

★ Engine Gasket Set-Reference 358
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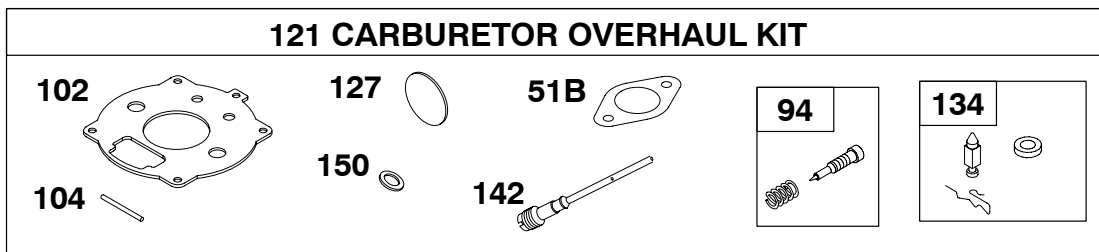
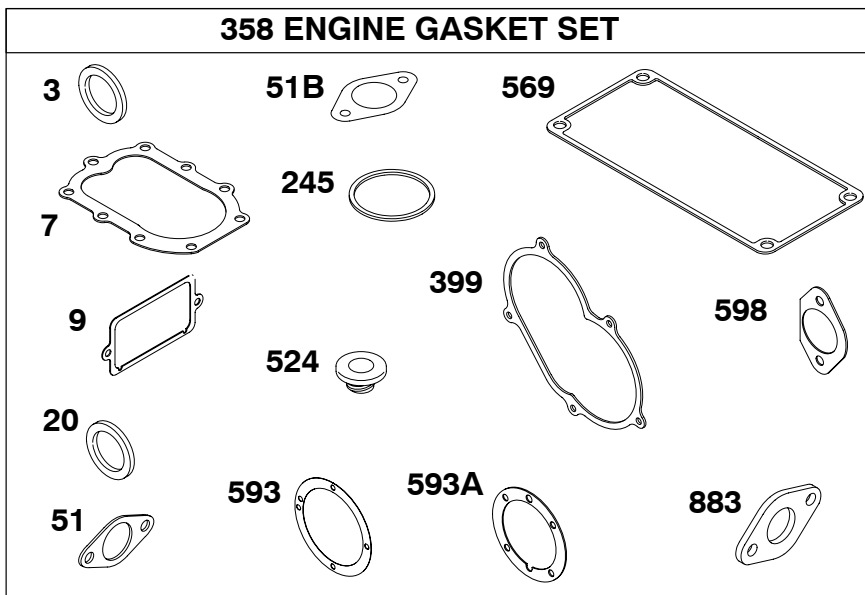
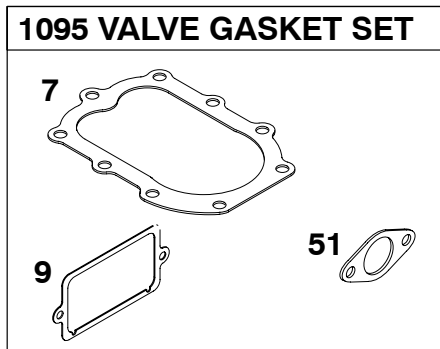
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	396306	Motor-Starter	668A	396515	Spacer (Starter Motor)	801	394802	Cap-Drive
310	692329	Bolt (Starter Motor)	675	691261	Washer (Brush Retainer)	802	691286	Cap-End
311	497608	Brush Set	697	691058	Screw (Starter Motor)	803		Housing-Starter (Served By 396306 Starter Motor Only)
442	691693	Screw (Starter Strap)	727	692338	Cover-Starter Drive	1051	691265	Ring-Retaining
503	690406	Strap-Starter	732	93410	Screw (Starter Drive Cover)	1090	691293	Retainer-Brush
510	696541	Drive-Starter	783	695708	Gear-Starter			
513	692024	Clutch-Drive	797	691029	Nut (Brush Retainer)			
544	490309	Armature-Starter						

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	291675s	Seal-Oil (Magneto Side)	245	692190	Gasket-Fuel Bowl	593	691311	Gasket-Bearing Support
7	692231	Gasket-Cylinder Head	358	299719	Gasket Set-Engine	593A	270513	Gasket-Bearing Support (.015" Thick)
9	27803s	Gasket-Breather	399	691310	Gasket-Counterweight Cover			Note -----
20	691948	Seal-Oil (PTO Side)	524	281370s	Seal-Dipstick Tube			★270514 Gasket-Bearing Support (.010" Thick)
51	27381s	Gasket-Intake	569	691569	Gasket-Engine Base			★270515 Gasket-Bearing Support (.005" Thick)
51B	692214	Gasket-Intake				598	270516	Shim-End Play (.009" Thick)
94	292681	Kit-Idle Mixture						Note -----
102	692215	Gasket-Carburetor Body						★270517 Shim (.007" Thick)
104	691775	Pin-Float Hinge						★270518 Shim (.005" Thick)
121	394989	Kit-Carburetor Overhaul				883	692236	Gasket-Exhaust
127	690627	Plug-Welch				1095	498540	Gasket Set-Valve
134	394682	Kit-Needle/Seat						
142	691966	Nozzle-Carburetor						

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