



583400

Illustrated Parts List

Model Series

583400
950cc
GAS

TYPE NUMBERS
0217, 0317.

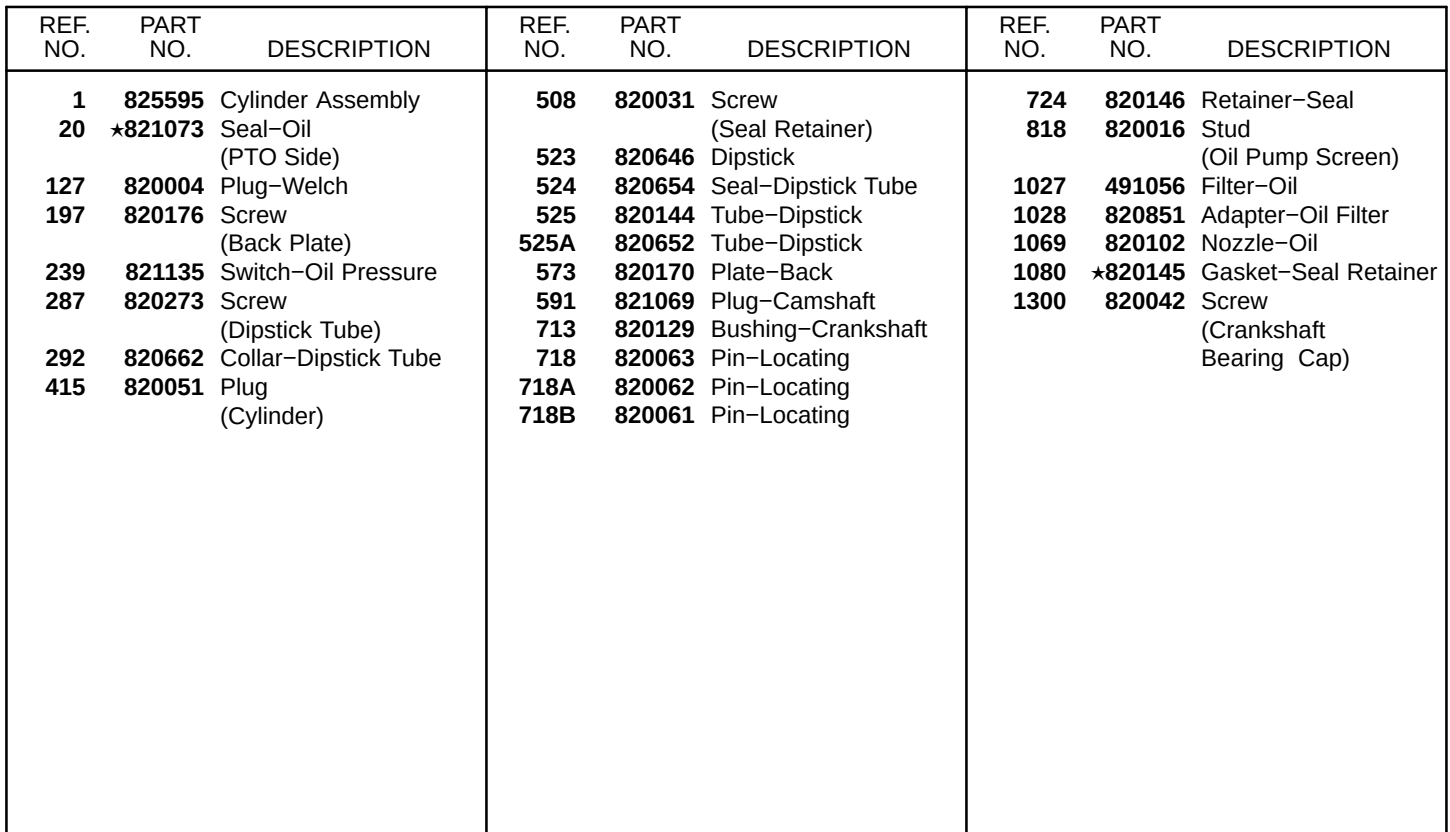
TO FIND
THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW

- A. Refer to Model, Type and Code Number that is located on the engine. Engine type numbers such as 0123 01 are listed only as 0123 in most instances. The two digits (01 or 02, etc.) to the right of the space may be required for more accurate parts identification in some instances. Select the Illustrated Parts List covering the correct Model Series and Type Number.
- B. Refer to the Illustrations and compare the original part with Illustration. The number next to the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames having individual reference numbers can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical text, where Reference and Primary Part Number are listed. **THE PRIMARY PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER NOTE.**
- D. If a *Note* appears below the Primary Part Number, it means that this part differs from the Primary Part for certain types. If your Type number is listed under *Note*, order the part referred to at the *Note*.
- E. If your Engine Type Number does not appear after any part number listed under *Note*, use the Primary Part Number.
- F. For Engine Type Numbers not covered by this book, check other Parts Lists having the same engine model or contact your source of supply.
- G. **REFER TO REPAIR MANUAL MS 0750 FOR ASSEMBLY AND/OR TORQUE REQUIREMENTS.**

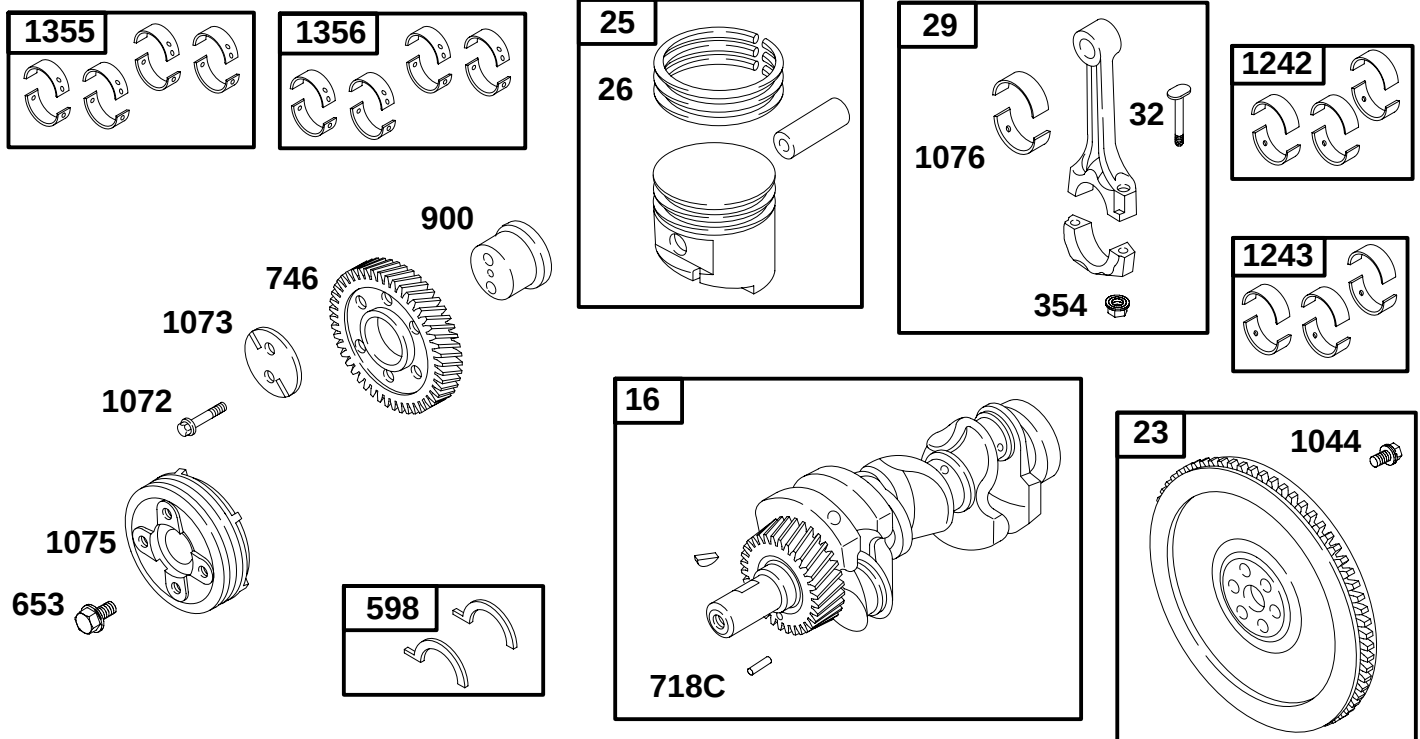
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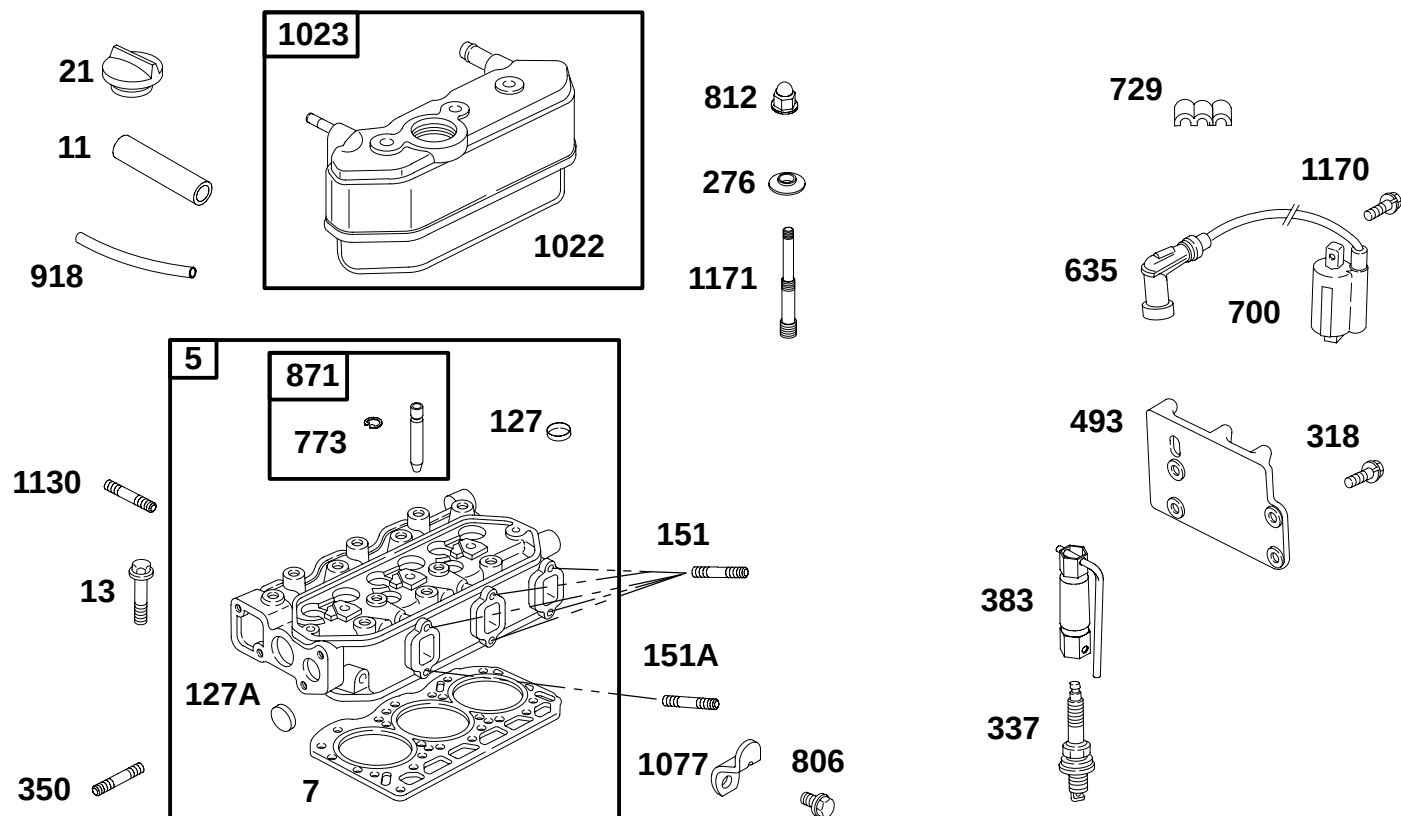
583400

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	825552	Crankshaft	354	820073	Nut (Connecting Rod)	900	820116	Shaft-Gear
23	825303	Flywheel	598	820140	Shim-Endplay (Crankshaft) (Standard)	1044	820080	Screw (Flywheel)
25	825203	Piston Assembly (Standard)			----- Note -----	1072	820081	Screw (Idle Gear Plate)
		825204			Piston Assembly (.010" Oversize)	1073	820117	Plate-Idle Gear
26	825036	Ring Set			----- Note -----	1075	820236	Pulley-Crankshaft
		825034			Ring Set (.010" Oversize)	1076	820142	Bearing/STD-Rod
29	825033	Rod-Connecting	653	820079	Screw (Crankshaft Pulley)	1242	825019	Bearing Set/STD-Rod
32	820128	Screw (Connecting Rod)	718C	820059	Pin-Locating (Crankshaft)	1243	825060	Bearing Set/010-Rod
			746	820611	Gear-Idler	1355	825040	Bearing Set/STD-Main
						1356	825039	Bearing Set/010-Main

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

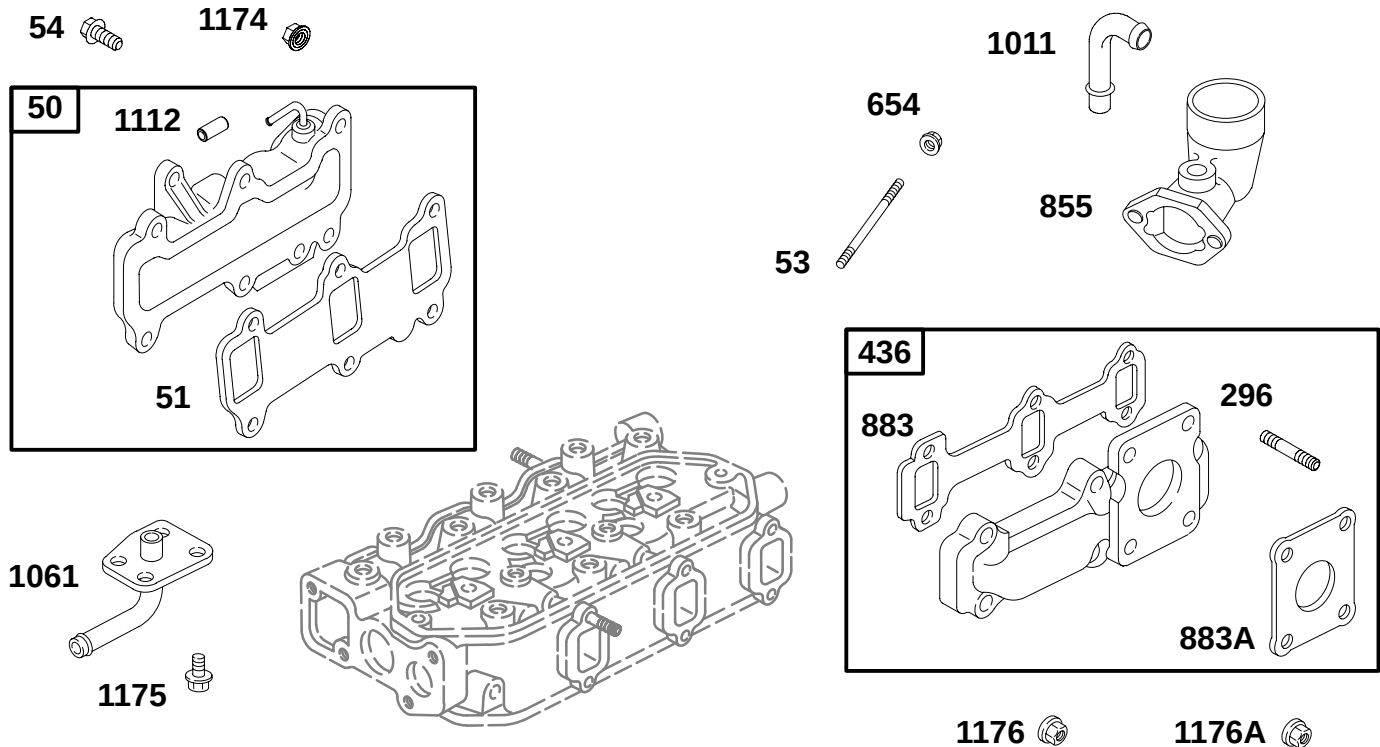
583400

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	825693	Head-Cylinder (Used After Code Date 04083100). ----- Note ----- 825624 Head-Cylinder (Used Before Code Date 04090100).	276	★820064	Washer-Sealing (Rocker Cover)	871	825030	Bushing-Valve Guide
7	★820648	Gasket-Cylinder Head	318	820024	Screw (Mounting Bracket)	918	820393	Hose-Vacuum (Vacuum Choke Break)
11	820886	Tube-Breather	337	491055	Plug-Spark	1022	★820150	Gasket-Rocker Cover
13	820623	Screw (Cylinder Head)	350	820078	Stud (Water Pump)	1023	825277	Cover-Rocker (Order Reference 1019, Label Kit and Reference 1036, Emissions Label for your Model, Type, Trim)
21	825024	Cap-Oil Fill	383	19374	Wrench-Spark Plug			
127	820004	Plug-Welch	493	820083	Bracket-Mounting (Ignition Coil)	1077	820260	Bracket-Lifting
127A	820005	Plug-Welch	635	820084	Boot-Spark Plug	1130	820015	Stud (Intake Manifold)
151	820014	Stud (Exhaust Manifold)	700	820037	Coil-Ignition	1170	820012	Screw (Ignition Coil)
151A	820466	Stud (Exhaust Manifold)	729	820672	Clip-Wire	1171	820076	Stud (Rocker Cover)
			773	820130	Retainer (Valve Guide Bushing)			
			806	820024	Screw (Lifting Bracket)			
			812	820071	Nut (Rocker Cover)			

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

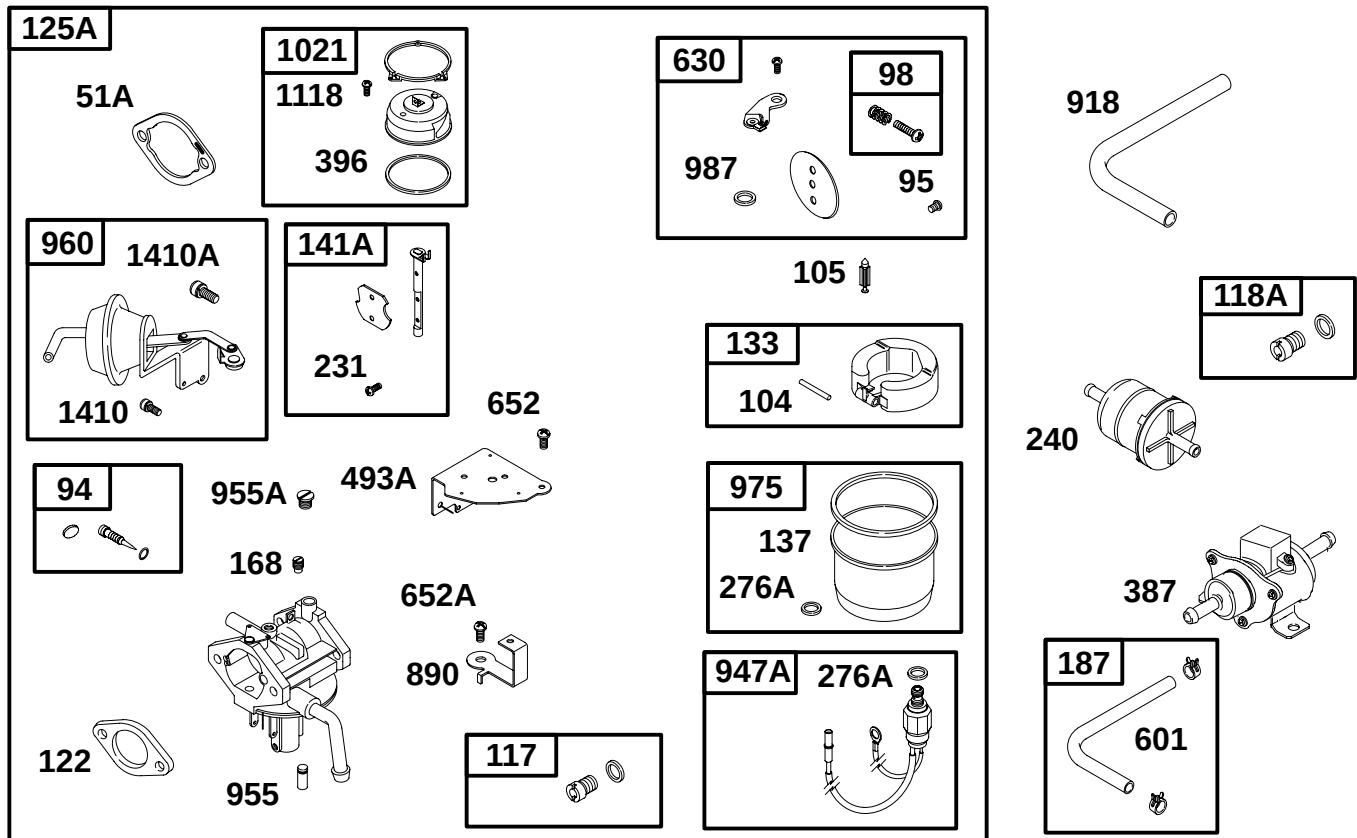
583400

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	825261	Manifold-Intake	855	820882	Adapter-Air Cleaner	1174	820069	Nut (Intake Manifold)
51	820087	Gasket-Manifold	883	★820817	Gasket-Exhaust (Cylinder Head to Exhaust Manifold)	1175	820031	Screw (Outlet Cover)
53	820077	Stud (Carburetor)	883A	★821001	Gasket-Exhaust (Exhaust Manifold to Muffler)	1176	820010	Nut (Exhaust Manifold)
54	820031	Screw (Intake Manifold)	1011	820184	Vent-Tube	1176A	820178	Nut (Exhaust Manifold)
296	820553	Stud (Muffler)	1061	820090	Cover-Outlet			
436	825055	Manifold-Exhaust	1112	820543	Plug-Vent (Intake Manifold)			
654	820011	Nut (Carburetor)						

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

583400**NIKKI AUTO CHOKE****121 CARBURETOR OVERHAUL KIT**

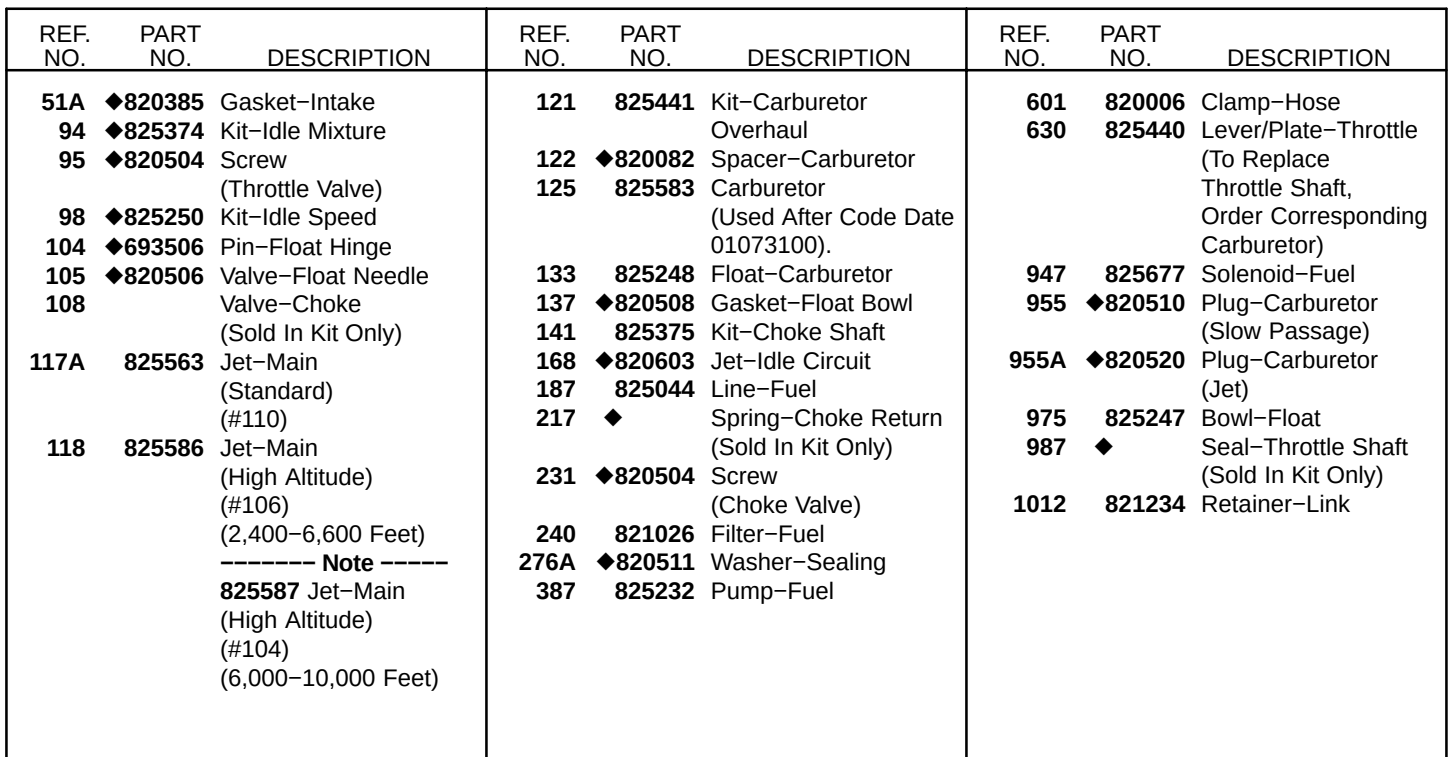
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51A	◆820385	Gasket-Intake	125A	825456	Carburetor (Auto Choke) (Electronic Governor) (Used Before Code Date 01080100).	652A	820514	Screw (Support Bracket)
94	◆825374	Kit-Idle Mixture				890	820517	Bracket-Support
95	◆820504	Screw (Throttle Valve)	133	825248	Float-Carburetor	918	820393	Hose-Vacuum (Vacuum Choke Break)
98	825250	Kit-Idle Speed	137	◆820508	Gasket-Float Bowl	947A	825255	Solenoid-Fuel
104	◆693506	Pin-Float Hinge	141A	825251	Kit-Choke Shaft	955	◆820510	Plug-Carburetor (Slow Passage)
105	◆820506	Valve-Float Needle	168	◆820603	Jet-Idle Circuit	955A	◆820520	Plug-Carburetor (Jet)
117	825439	Jet-Main (Standard) (#140)	187	825044	Line-Fuel	960	825253	Break-Vacuum Choke
118A	825470	Jet-Main (High Altitude) (#132) (2,400-6,600 Feet)	231	◆820504	Screw (Choke Valve)	975	825247	Bowl-Float
		----- Note -----	240	821026	Filter-Fuel	987	◆	Seal-Throttle Shaft (Sold In Kit Only)
		825291 Jet-Main (High Altitude) (#126) (6,000-10,000 Feet)	276A	◆820511	Washer-Sealing	1021	825252	Activator-Choke
121	825441	Kit-Carburetor Overhaul	387	825232	Pump-Fuel	1118	821236	Screw (Choke Activator)
122	◆820082	Spacer-Carburetor	396	820515	Gasket-Choke Cover	1410	820512	Screw (Vacuum Break Choke)
			493A	820516	Bracket-Mounting	1410A	820513	Screw (Vacuum Break Choke)
			601	820006	Clamp-Hose			
			630	825440	Lever/Plate-Throttle (To Replace Throttle Shaft, Order Corresponding Carburetor)			
			652	820512	Screw (Mounting Bracket)			

★ Engine Gasket Set-Reference 358

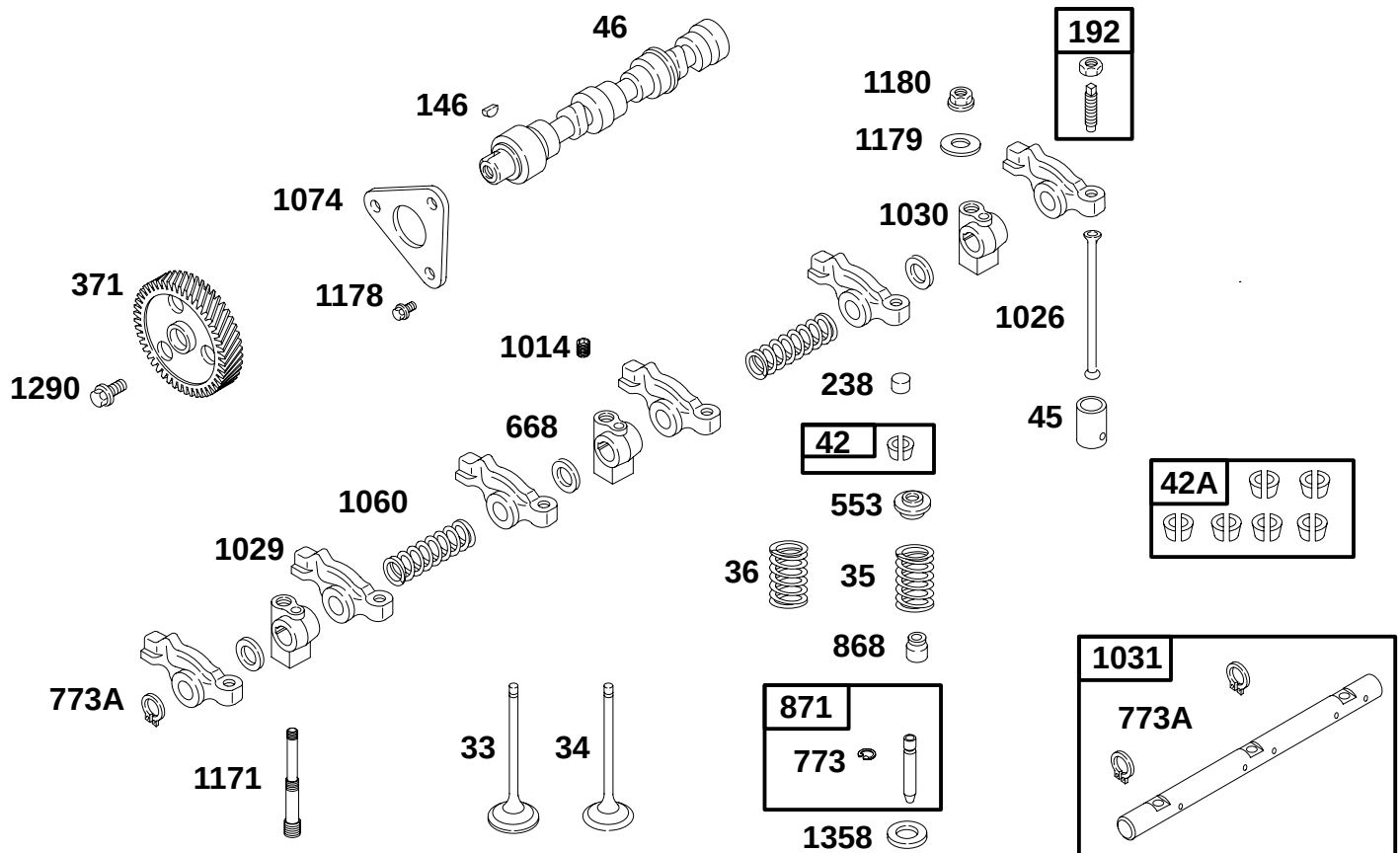
◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

121 CARBURETOR OVERHAUL KIT



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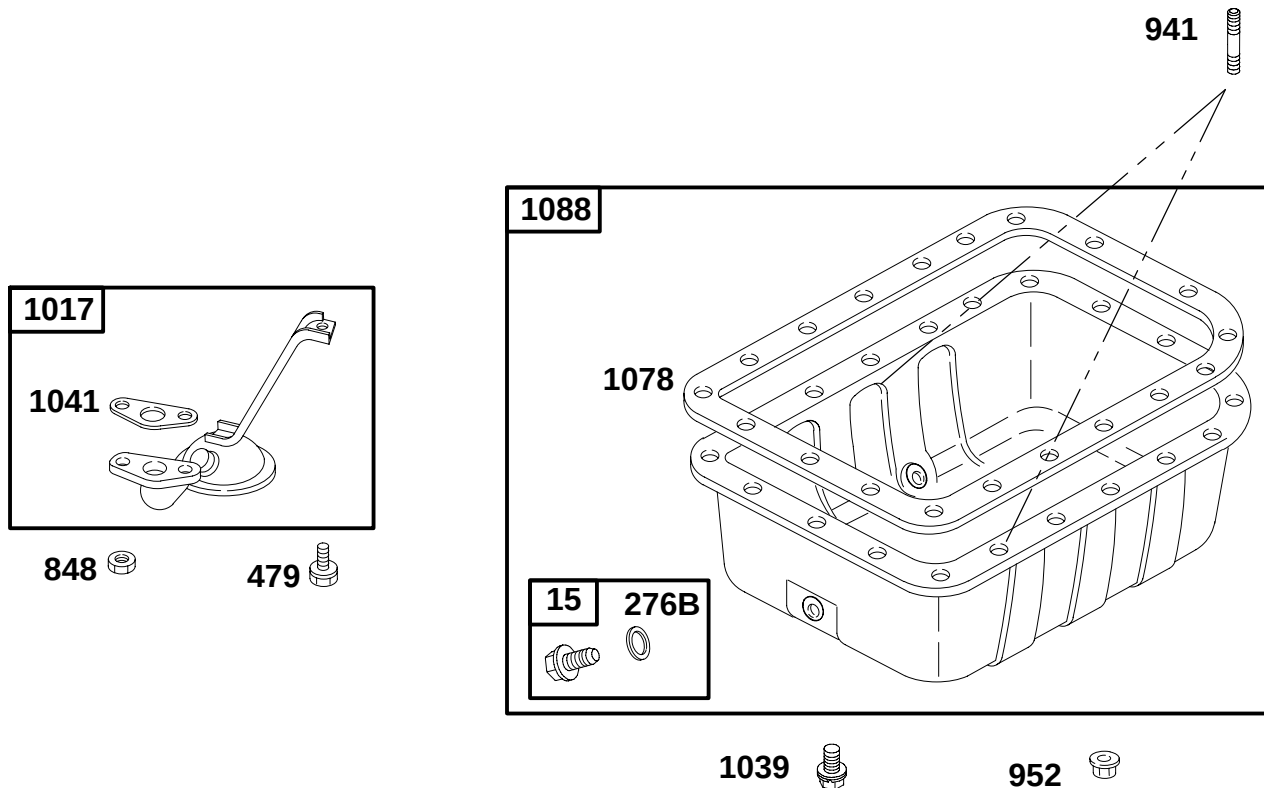
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
33	820114	Valve-Exhaust	192	825688	Adjuster-Rocker Arm (Used After Code Date 04083100).	1014	820105	Screw (Rocker Arm Support)
34	820115	Valve-Intake				1026	821218	Rod-Push (Used After Code Date 04083100).
35	820406	Spring-Valve (Intake) (Used After Code Date 04083100).			----- Note ----- 825041 Adjuster-Rocker Arm (Used Before Code Date 04090100).			----- Note ----- 820422 Rod-Push (Used Before Code Date 04090100).
		----- Note ----- 820043 Spring-Valve (Intake) (Used Before Code Date 04090100).	238	821214	Cap-Valve (Used After Code Date 04083100).	1029	820387	Arm-Rocker
36	820406	Spring-Valve (Exhaust) (Used After Code Date 04083100).			----- Note ----- 820113 Cap-Valve (Used Before Code Date 04090100).	1030	820106	Support-Rocker Arm
		----- Note ----- 820043 Spring-Valve (Exhaust) (Used Before Code Date 04090100).	371	820613	Gear-Cam	1031	825093	Shaft-Rocker Arm
42	825042	Keeper-Valve	553	820111	Retainer-Valve Spring	1060	820044	Spring-Rocker Shaft
42A	825082	Keeper-Valve	668	820065	Spacer (Rocker Arm Shaft)	1074	820118	Retainer-Camshaft
45	820110	Tappet-Valve	773	820130	Retainer (Valve Guide Bushing)	1171	820076	Stud (Rocker Cover)
46	820388	Camshaft	773A	820003	Retainer (Rocker Arm Shaft)	1178	820032	Screw (Camshaft Retainer)
146	691639	Key-Timing	868	820041	Seal-Valve	1179	820177	Washer (Rocker Arm Support)
			871	825030	Bushing-Valve Guide	1180	820070	Nut (Rocker Arm Support)
						1290	820075	Screw (Cam Gear)
						1358	820112	Seat-Valve Spring

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

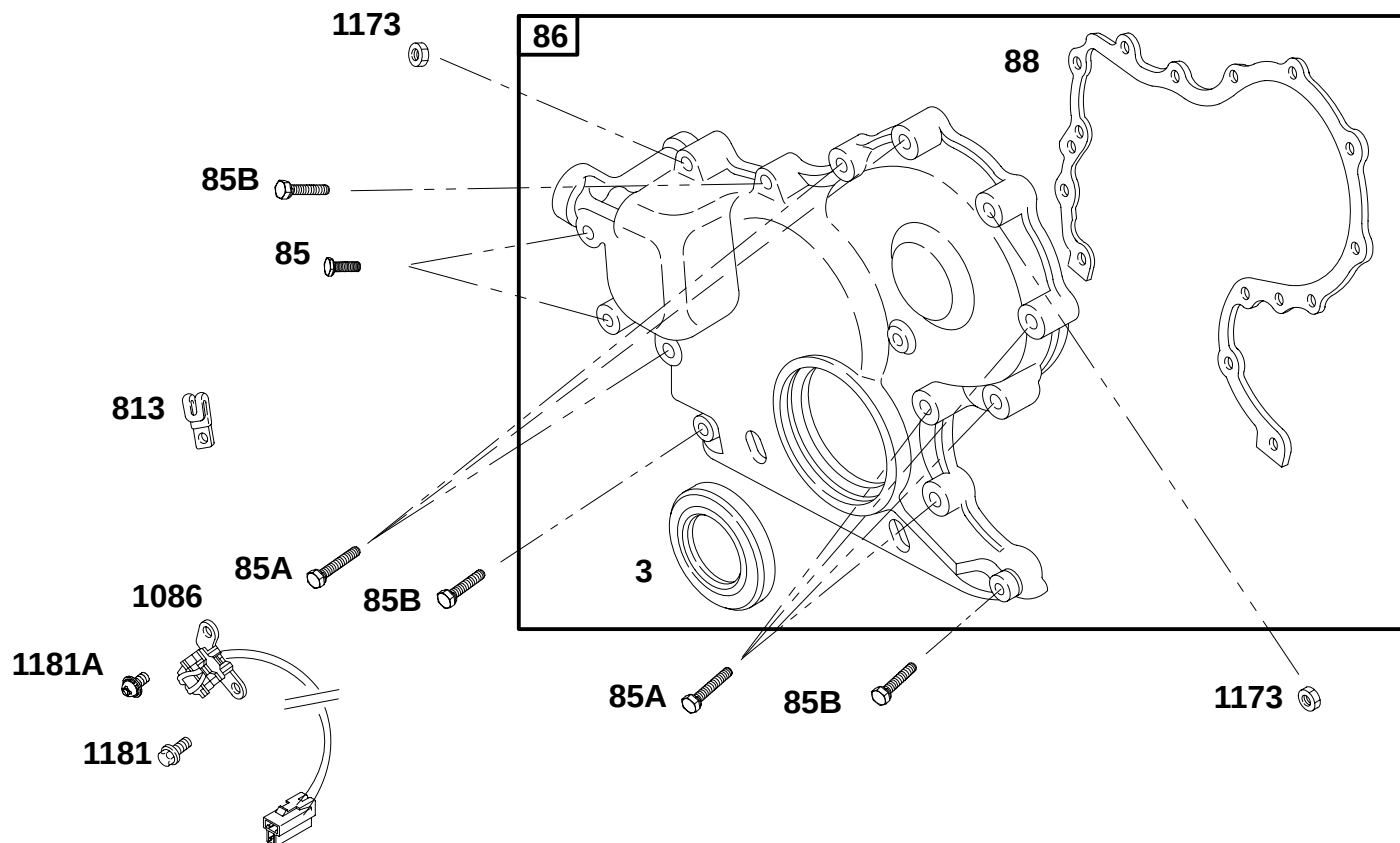
△ Valve Gasket Set-Reference 1095

583400

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	825278	Plug—Oil Drain	941	820017	Stud (Oil Pan)	1039	820034	Screw (Oil Pan)
276B	★820582	Washer—Sealing (Oil Drain Plug)	952	820068	Nut (Oil Pan)	1041	★820104	Gasket—Oil Pump Screen
479	820034	Screw (Oil Pump Screen)	1017	825089	Screen—Oil Pump	1078	★820137	Gasket—Oil Pan
848	820069	Nut (Oil Pump Screen)				1088	825285	Pan—Oil (Dual Drain)

★ Engine Gasket Set—Reference 358

◆ Carburetor Overhaul Kit—Reference 121
△ Valve Gasket Set—Reference 1095

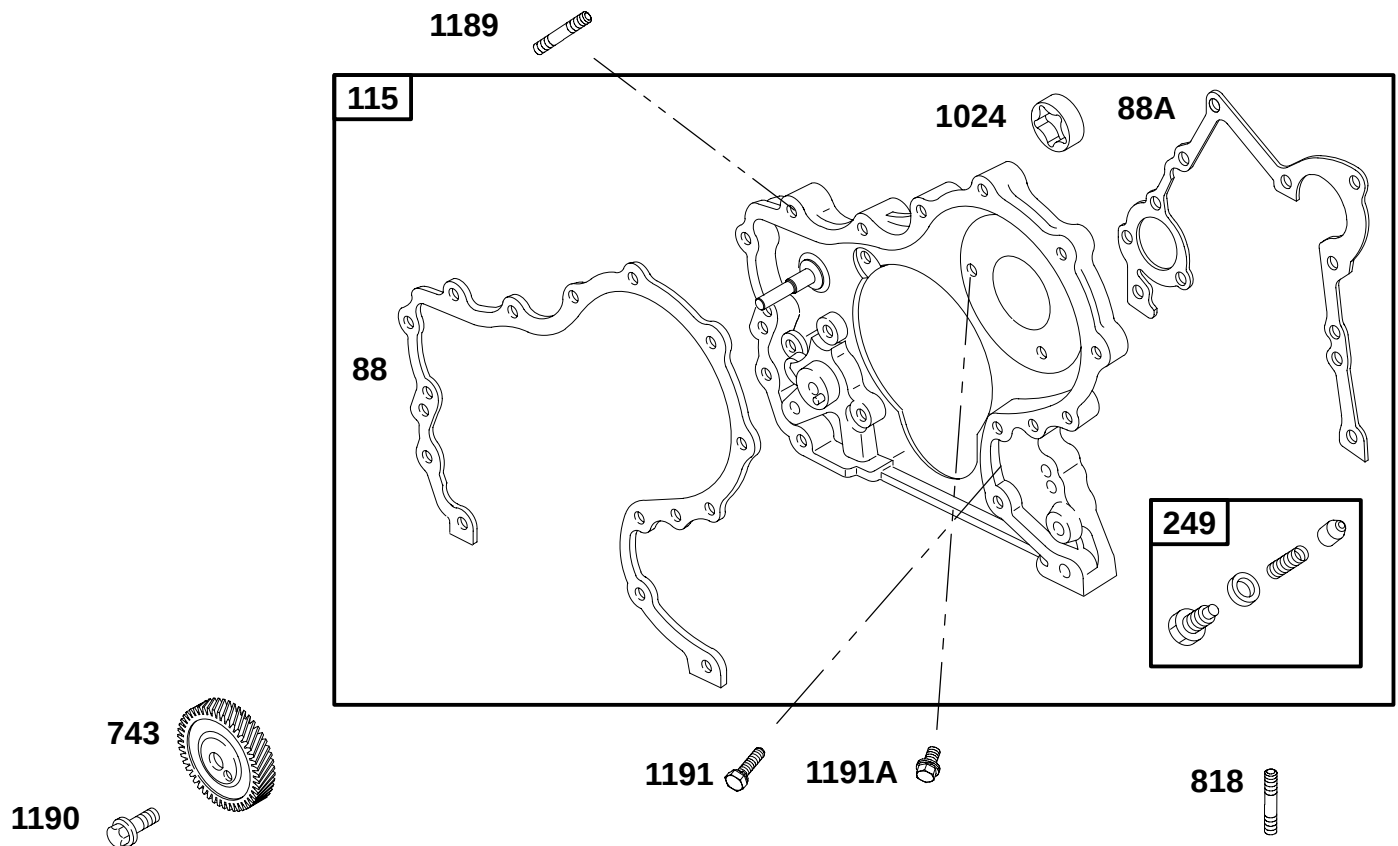
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	★821071	Seal-Oil (Magneto Side)	86	825119	Cover-Gear	1173	820069	Nut (Gear Cover)
85	820026	Screw (Gear Cover to Gear Reduction Case)	88	★820148	Gasket-Gear Reduction Cover	1181	820029	Screw (Ignition Trigger)
85A	820029	Screw (Gear Cover to Gear Reduction Case)	813	820047	Clamp	1181A	820013	Screw (Ignition Trigger)
85B	820027	Screw (Gear Cover to Gear Reduction Case)	1086	825009	Trigger-Ignition			

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

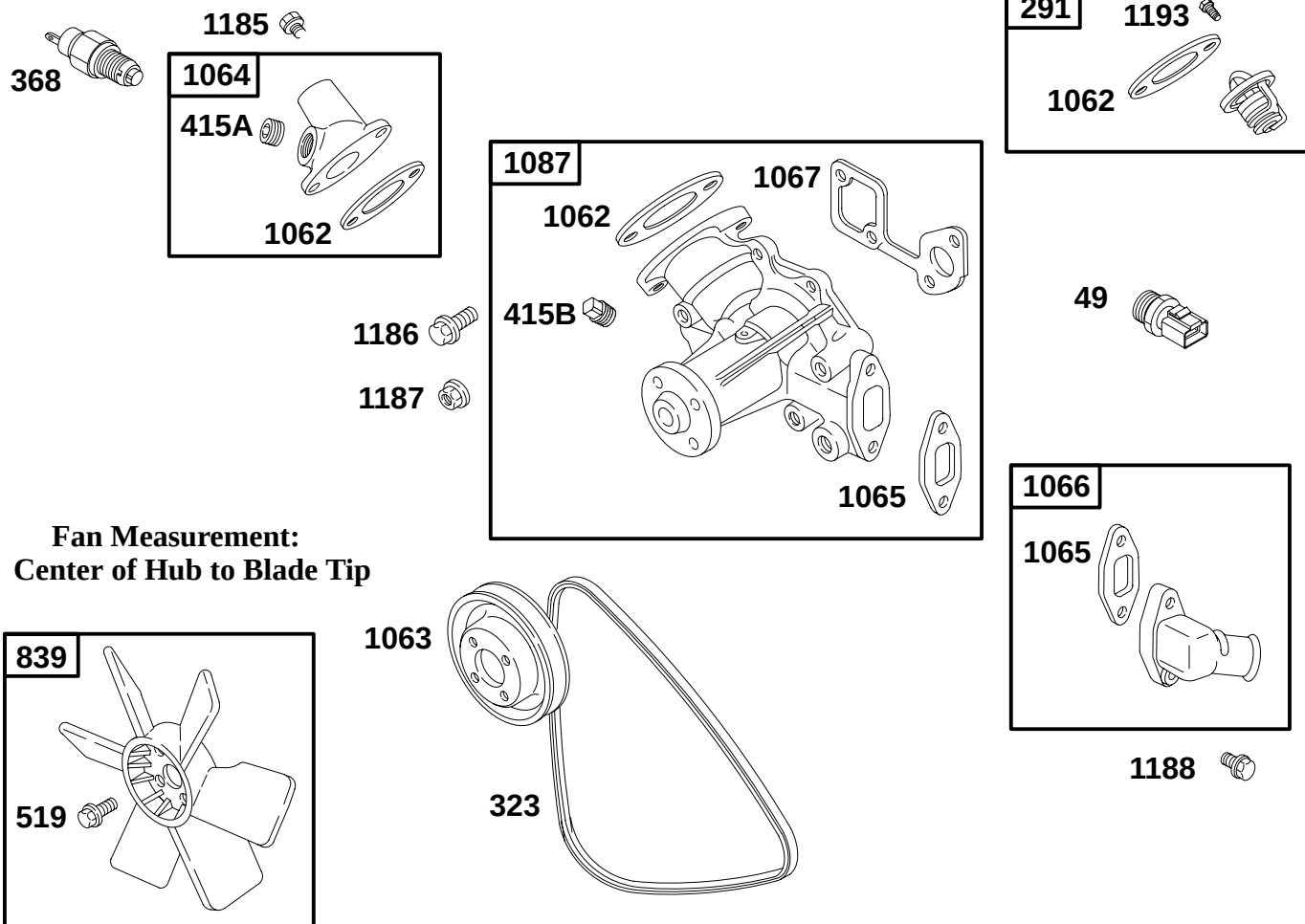
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
88	★820148	Gasket-Gear Reduction Cover	818	820016	Stud (Oil Pump Screen)	1190	820180	Screw (Drive Gear)
88A	★820155	Gasket-Gear Reduction Cover	1024		Pump-Oil (Sold in Gear Housing Only, Reference 115)	1191	820030	Screw (Gear Housing)
115	825059	Housing-Gear	1189	820156	Stud (Gear Housing)	1191A	820033	Screw (Gear Housing)
249	825032	Valve-Pressure Relief						
743	820615	Gear-Drive						

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

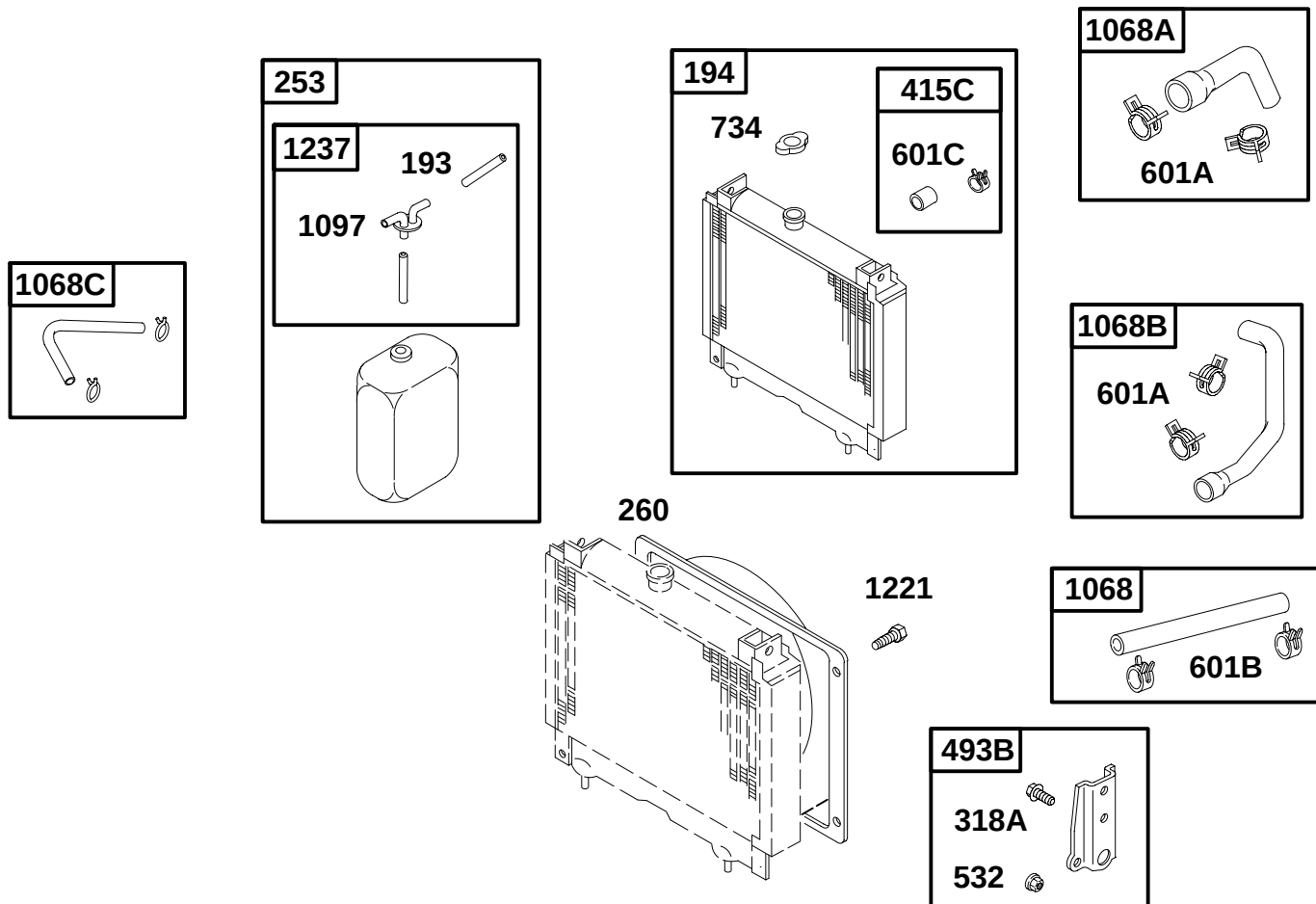
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
49	820590	Sensor-Water Temperature	839	825454	Fan-Radiator (320mm Less Spacer)	1185	820031	Screw (Outlet Housing)
291	825064	Thermostat	1062	★820093	Gasket-Outlet Housing	1186	820022	Screw (Water Pump)
323	821075	Belt-Vee	1063	820095	Pulley-Pump	1187	820181	Nut (Water Pump)
368	820208	Switch-Water Temperature	1064	825074	Housing-Outlet	1188	820031	Screw (Inlet Housing)
415A	820052	Plug (Outlet Housing)	1065	★820098	Gasket-Inlet Housing	1193	820185	Screw (Thermostat)
415B	820182	Plug (Water Pump)	1066	825051	Housing-Inlet			
519	820034	Screw (Radiator Fan)	1067	★820100	Gasket-Water Pump			
			1087	825432	Pump-Water			

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

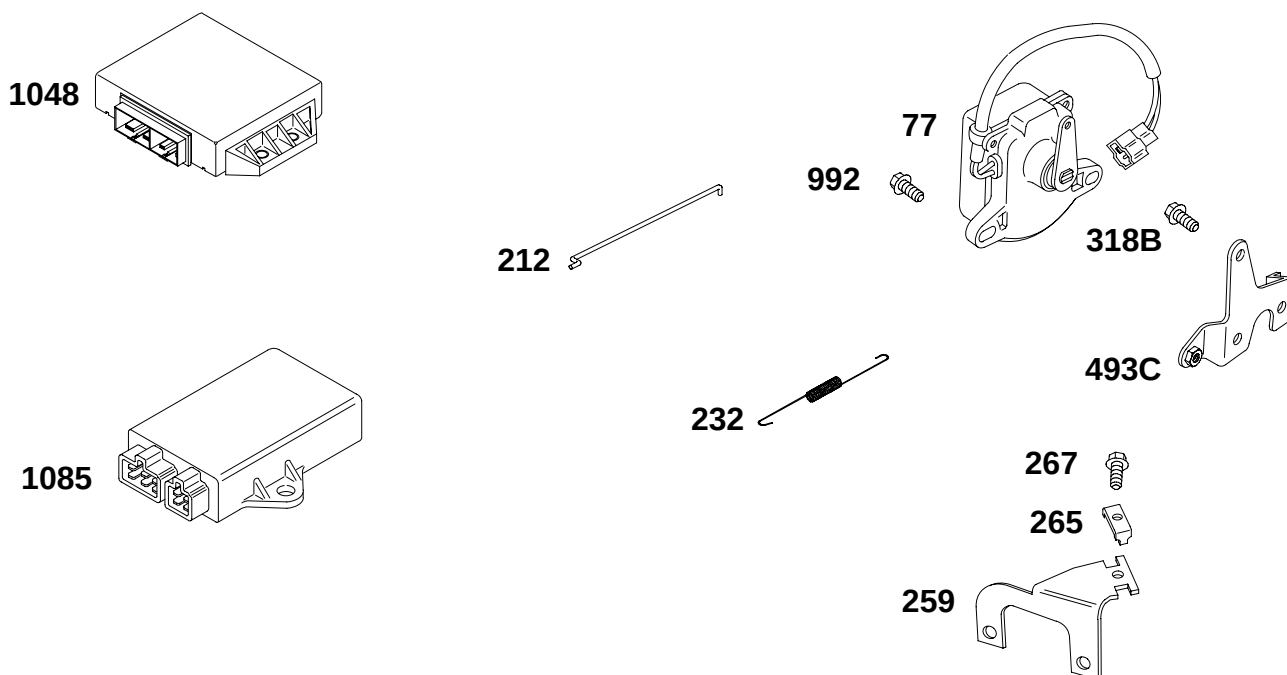
583400

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
193	820597	Hose-Reserve Tank (660 mm)	415C	825075	Plug (Radiator)	734	820258	Cap-Radiator
194	825068	Radiator (Copper)	493B	825106	Bracket-Mounting (Radiator)	1068	825045	Hose/Clamp Assembly
253	825462	Tank-Reserve	532	820011	Nut (Mounting Bracket) (Radiator)	1068A	825134	Hose/Clamp Assembly
260	820220	Shroud-Fan	601A	820256	Clamp-Hose	1068B	825133	Hose/Clamp Assembly
318A	820034	Screw (Mounting Bracket) (Reserve Tank)	601B	820045	Clamp-Hose	1068C	825296	Hose/Clamp Assembly
			601C	820201	Clamp-Hose	1097	820287	Cap-Surge Tank
						1221	820865	Screw (Fan Shroud)
						1237	825461	Cap/Hose-Reserve

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

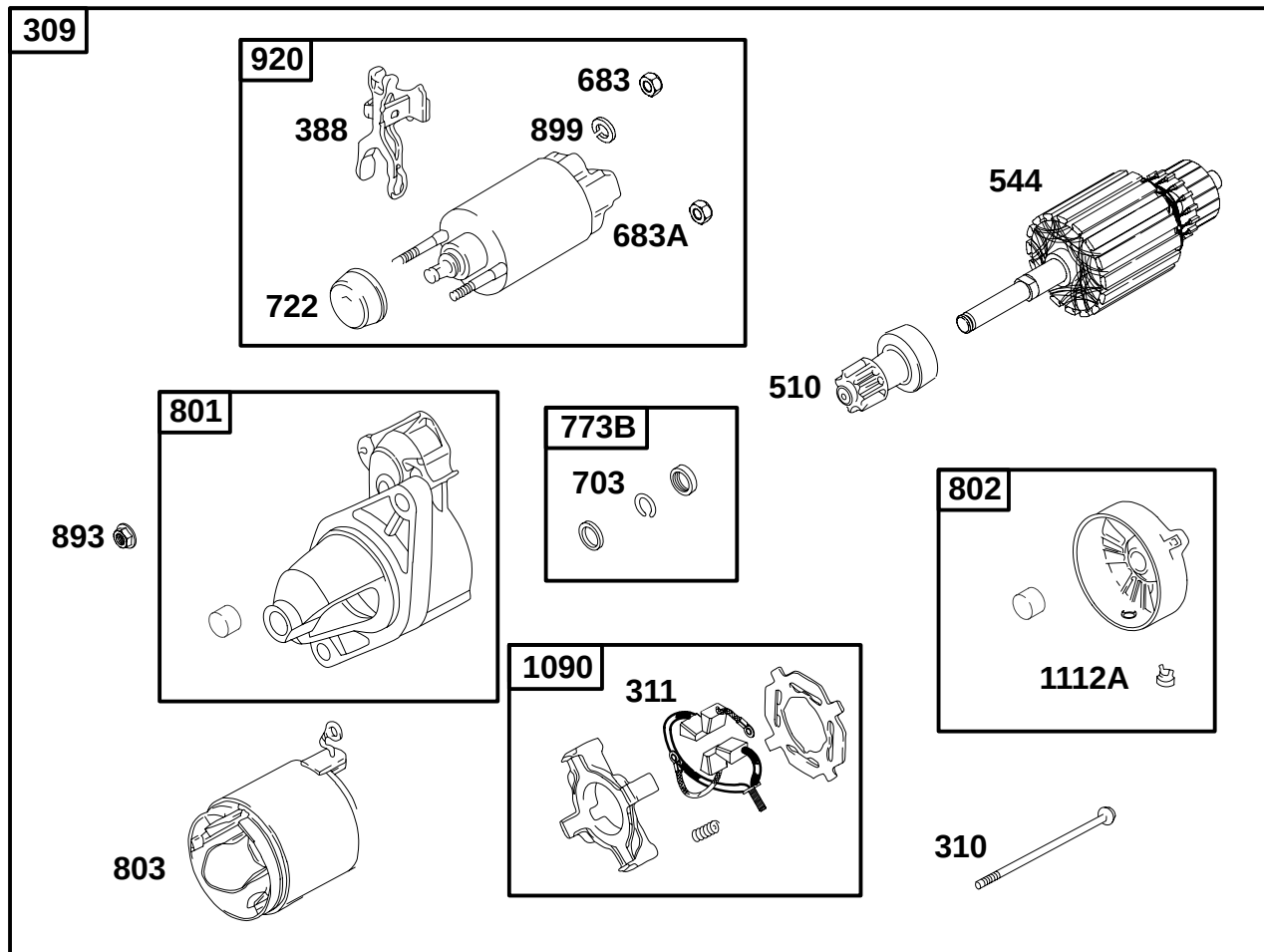
583400**ELECTRONIC GOVERNOR**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
77	820209	Motor-Server	318B	820174	Screw (Mounting Bracket)	1048	825473	Module-Electronic Governor (Diode and Instructions Included)
212	820226	Link-Throttle	493C	820876	Bracket-Mounting (Servo Motor)	1085	825572	Module-Ignition
232	820227	Spring-Governor Link	992	820228	Screw (Servo Motor)			
259	820224	Bracket-Casing Clamp						
265	691024	Clamp-Casing						
267	820012	Screw (Casing Clamp)						

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

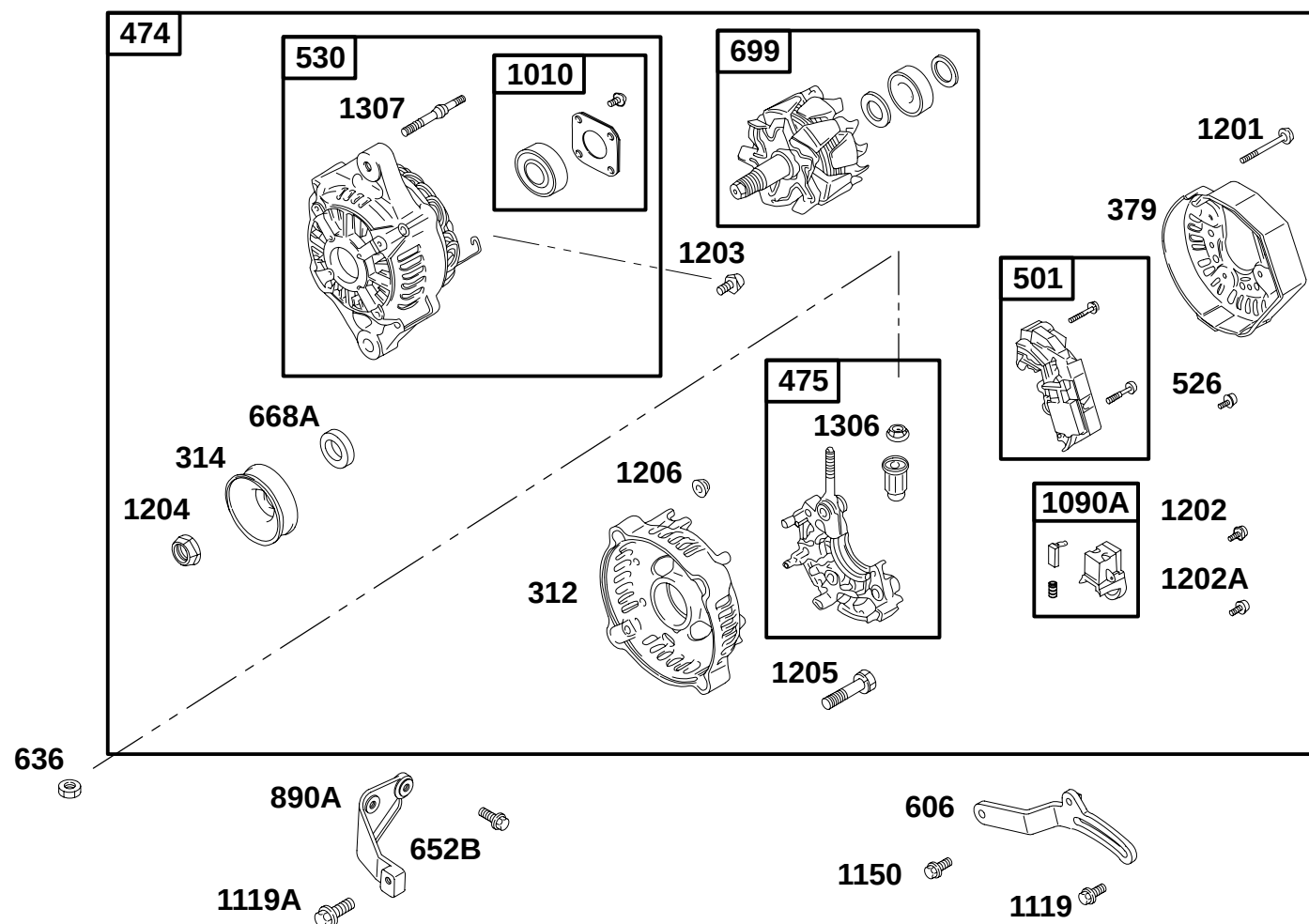
583400**0.8 KW****RED LABEL**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	825095	Motor-Starter	703	820803	Clip	920	825418	Solenoid-Starter
310	820807	Bolt (Starter Motor)	722	820801	Seal-Plunger	1090	825412	Retainer-Brush
311	825411	Brush Set	773B	825420	Retainer (Starter Drive)	1112A	820797	Plug-Vent (End Cap)
388	820799	Lever-Pinion Drive	801	820791	Cap-Drive			
510	820789	Drive-Starter	802	825416	Cap-End			
544	825414	Armature-Starter	803	820783	Housing-Starter			
683	820813	Nut (Starter Solenoid) (Terminal)	893	820805	Nut (Starter Solenoid)			
683A	820809	Nut (Starter Solenoid) (Terminal)	899	820811	Washer (Starter Solenoid) (Terminal)			

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

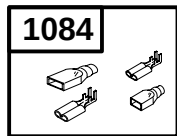
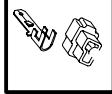
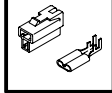
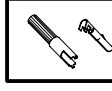
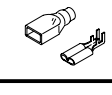
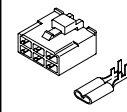
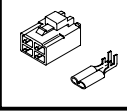
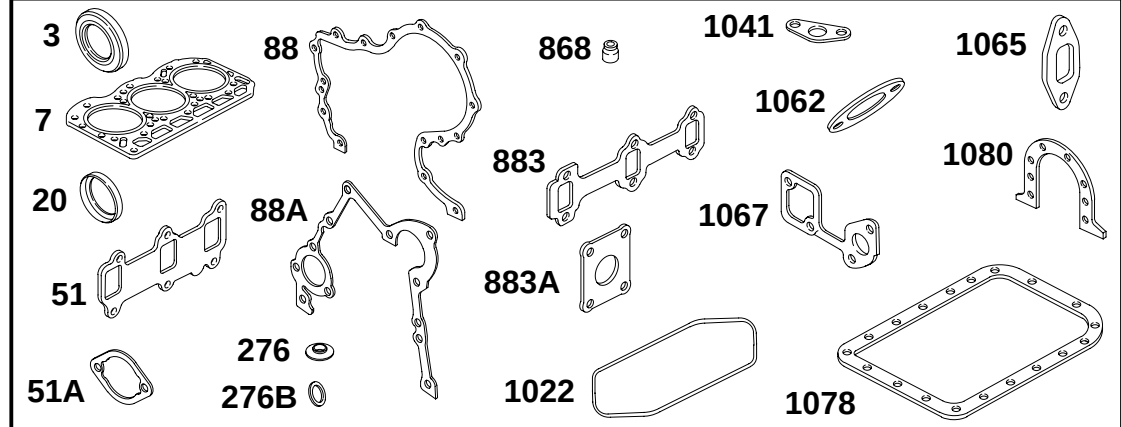
583400**40 AMP**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
312	820692	Housing—Brush End	668A	820713	Spacer (Rotor Assembly)	1201	820715	Screw (Brush Cover)
314	820711	Pulley—Alternator	699	825390	Rotor Assembly	1202	820701	Screw (Brush Retainer)
379	820703	Cover—Brush	890A	820213	Bracket—Support	1202A	820702	Screw (Brush Retainer)
474	825084	Alternator	1010	825384	Retainer—Bearing	1203	820702	Screw (Stator Wire)
475	825385	Rectifier	1090A	825387	Retainer—Brush	1204	820705	Nut (Alternator Pulley)
501	825388	Regulator	1119	820483	Screw (Alternator)	1205	820707	Screw (Brush End Housing)
526	820702	Screw (Regulator)	1119A	820270	Screw (Alternator)	1206	820709	Nut (Brush End Housing)
530	825383	Housing—Drive End	1150	820023	Screw (Adjusting Strap)	1306	820781	Nut (Rectifier)
606	820819	Strap—Adjusting				1307	820690	Stud (Drive End Housing)
636	820069	Nut (Starting Switch)						
652B	820023	Screw (Support Bracket)						

★ Engine Gasket Set—Reference 358

◆ Carburetor Overhaul Kit—Reference 121

△ Valve Gasket Set—Reference 1095

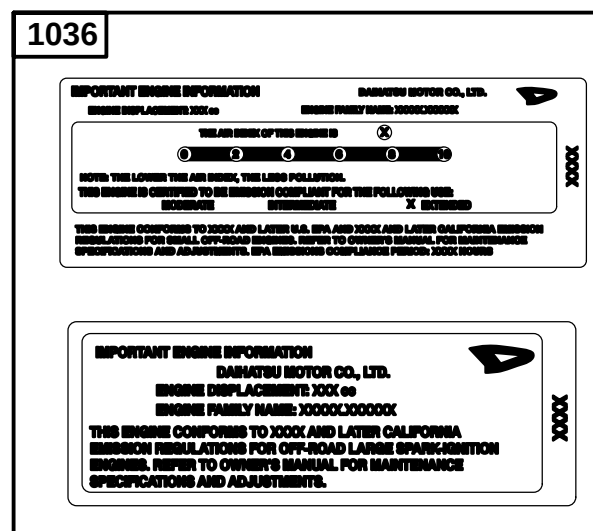
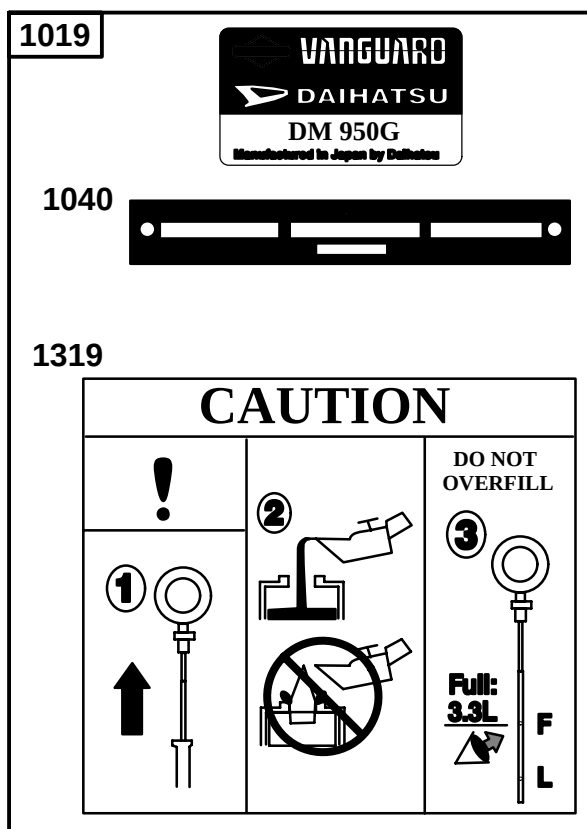
583400**1084A****1084B****1084C****1084D****1084E****1084F****358 ENGINE GASKET SET****1095 VALVE GASKET SET**

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	★821071	Seal-Oil (Magneto Side)	276	★820064	Washer-Sealing (Rocker Cover)	1041	★820104	Gasket-Oil Pump Screen
7	★820648	Gasket-Cylinder Head	276B	★820582	Washer-Sealing (Oil Drain Plug)	1062	★820093	Gasket-Outlet Housing
20	★821073	Seal-Oil (PTO Side)	358	825378	Gasket Set-Engine	1065	★820098	Gasket-Inlet Housing
51	★820087	Gasket-Intake	868	★820041	Seal-Valve	1067	★820100	Gasket-Water Pump
51A	◆820385	Gasket-Intake	883	★820817	Gasket-Exhaust (Manifold)	1078	★820137	Gasket-Oil Pan
88	★820148	Gasket-Gear Reduction Cover	883A	★821001	Gasket-Exhaust (Muffler)	1080	★820145	Gasket-Seal Retainer
88A	★820155	Gasket-Gear Reduction Cover	1022	★820150	Gasket-Rocker Cover	1084	825155	Connector-Terminal
						1084A	825156	Connector-Terminal
						1084B	825157	Connector-Terminal
						1084C	825158	Connector-Terminal
						1084D	825160	Connector-Terminal
						1084E	825162	Connector-Terminal
						1084F	825163	Connector-Terminal
						1095	825379	Gasket Set-Valve

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1019	825618	Kit-Label (Used After Code Date 02043000). ----- Note ----- 825228 Kit-Label (Used Before Code Date 02050100).	1040	820290	Plate-Trim	1319	821160	Label-Warning (Used After Code Date 04022800). ----- Note ----- 820891 Label-Warning (Used Before Code Date 04030100).
1036	825657	Label-Emissions (Used After Code Date 03123100). ----- Note ----- 825621 Label-Emissions (Used Before Code Date 04010100).	1058	820883	Operator's Manual	1330	MS0750	Repair Manual

★ Engine Gasket Set-Reference 358

◆ Carburetor Overhaul Kit-Reference 121

△ Valve Gasket Set-Reference 1095