

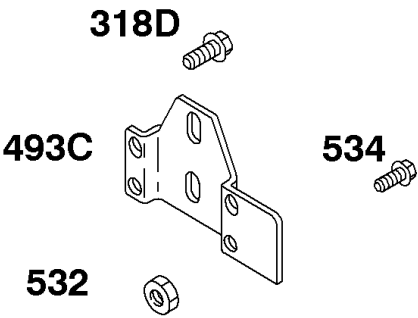
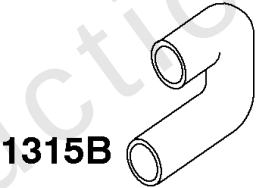
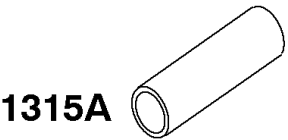
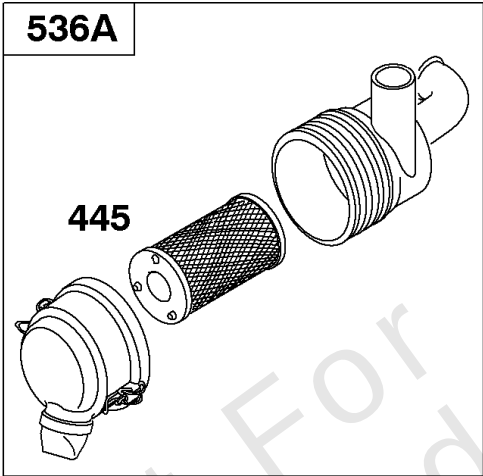
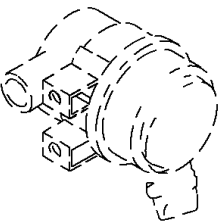
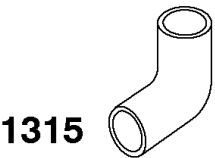
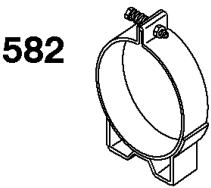
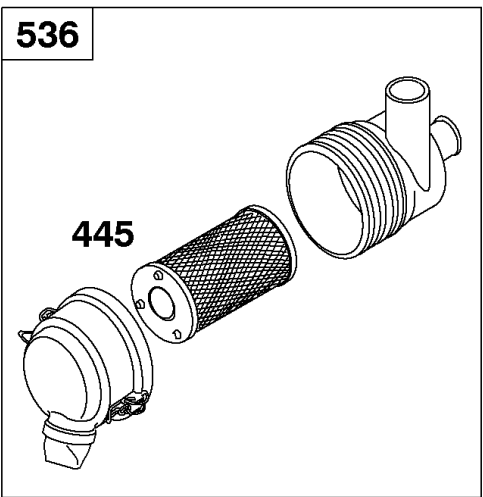


Parts Manual

Mfg. No: 437447-0105-99

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Not For
Reproduction

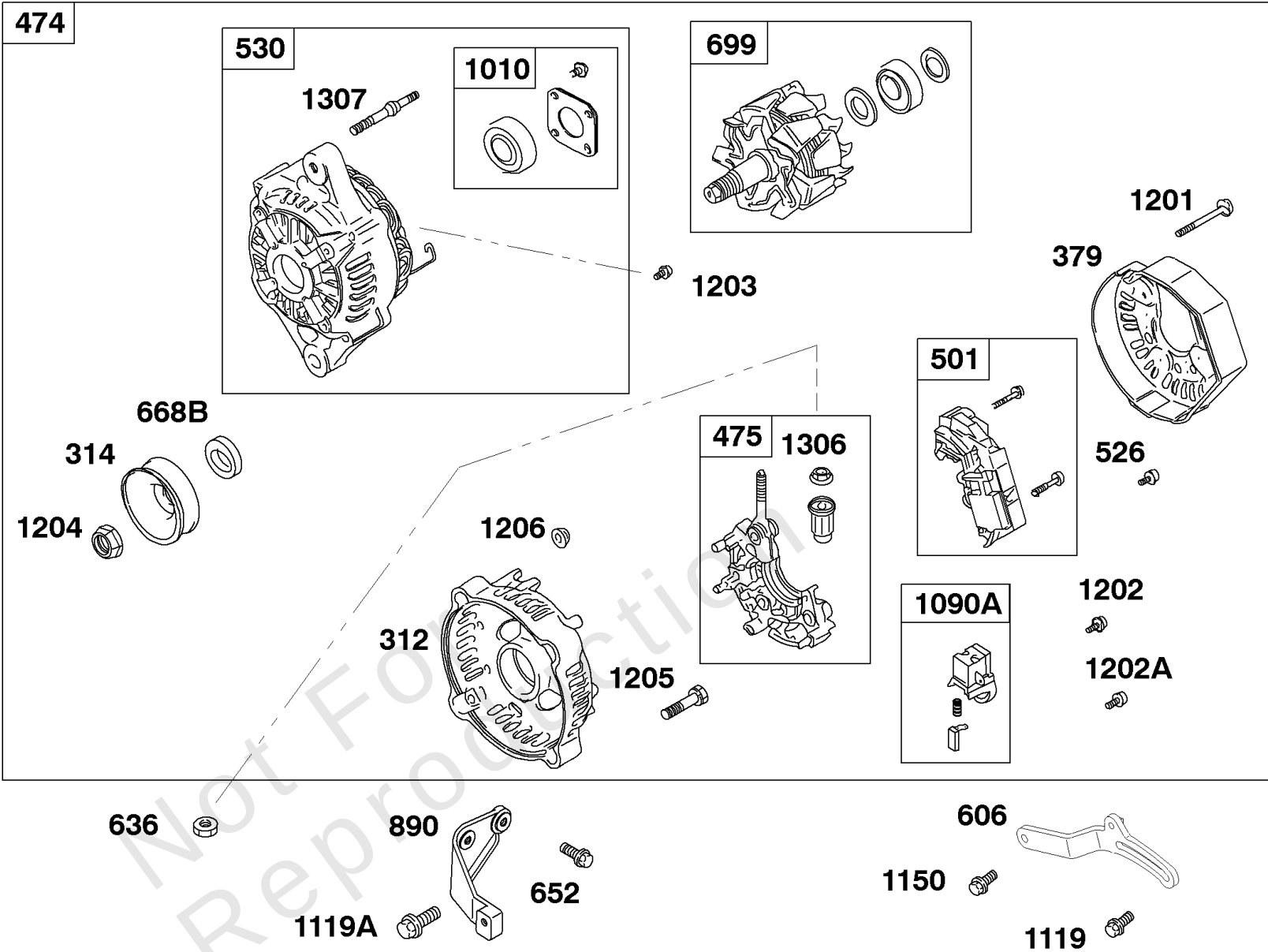


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
318D	820212	Screw (Mounting Bracket)	534	820273	Screw (Air Cleaner)	1315	820554	Hose-Air Cleaner
445	820263	Filter-Air Cleaner Cartridge	536	825117	Cleaner-Air (With Vacuum Adaptor)	1315A	820555	Hose-Air Cleaner
493C	820195	Bracket-Mounting (Air Cleaner)	536A	825118	Cleaner-Air (90 Degree Elbow With Vacuum Adaptor)	1315B	820556	Hose-Air Cleaner
532	820070	Nut (Mounting Bracket)	582	820230	Clamp-Air Cleaner			

Air Cleaner, Hoses

REF NO	PART NO	QTY	DESCRIPTION
318D	820212		SCREW -(Mounting Bracket)
445	820263		FILTER, A/C Cartridge
493C	820195		BRACKET, Mounting -(Air Cleaner)
532	820070		NUT -(Mounting Bracket)
534	820273		SCREW -(Air Cleaner)
536	825117		CLEANER, Air -(With Vacuum Adaptor)
536A	825118		CLEANER, Air -(90 Degree Elbow with Vacuum Adaptor)
582	820230		CLAMP, Air Cleaner
1315	820554		HOSE, Air Cleaner
1315A	820555		HOSE, Air Cleaner
1315B	820556		HOSE, Air Cleaner

40 AMP



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
312	820692	Housing-Brush End	890	820213	Bracket-Support	1201	820715	Screw
314	820711	Pulley-Alternator	1010	825384	Retainer-Bearing			(Brush Cover)
379	820703	Cover-Brush	1090A	825387	Retainer-Brush	1202	820701	Screw
474	825084	Alternator			(Alternator)			(Brush Retainer)
475	825385	Rectifier	1119	820483	Screw	1202A	820702	Screw
501	825388	Regulator			(Alternator)			(Brush Retainer)
526	820702	Screw	1119A	820270	Screw	1203	820702	Screw
		(Regulator)			(Alternator)			(Ground Terminal)
530	825383	Housing-Drive End	1150	820023	Screw	1204	820705	Nut
606	820819	Strap-Adjusting			(Adjusting Strap)			(Alternator Pulley)
636	820069	Nut				1205	820707	Screw
		(Starting Switch)						(Brush End Housing)
652	820275	Screw				1206	820709	Nut
		(Support Bracket)						(Brush End Housing)
668B	820713	Spacer				1306	820781	Nut
		(Rotor Assembly)						(Rectifier)
699	825390	Rotor Assembly				1307	820690	Stud
								(Drive End Housing)

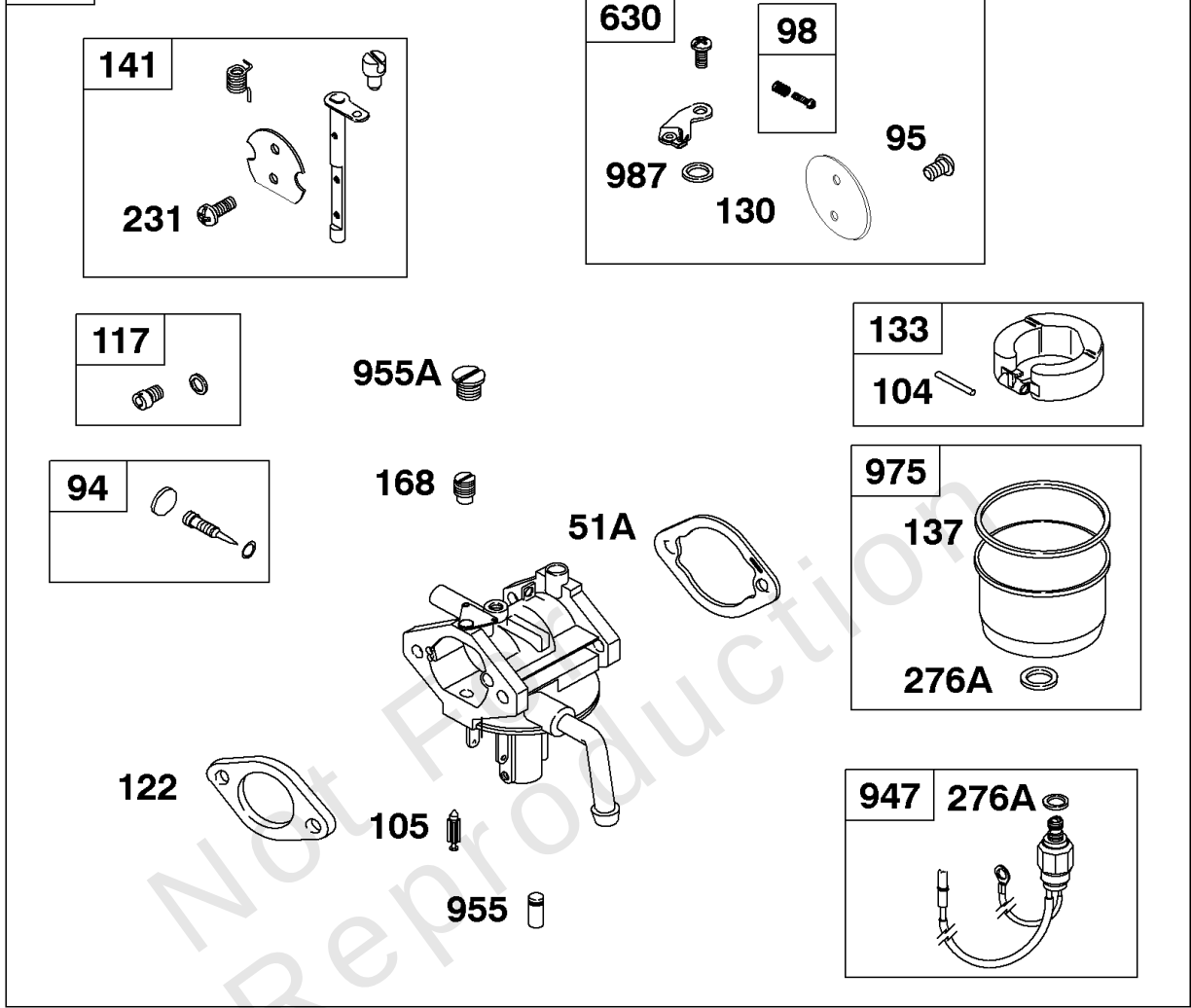
Alternator 40 AMP

REF NO	PART NO	QTY	DESCRIPTION
312	820692		HOUSING, Brush End
314	820711		PULLEY, Alternator
379	820703		COVER, Brush
474	825084		ALTERNATOR -(40 Amp)
475	825385		RECTIFIER
501	825388		REGULATOR
526	820702		SCREW -(Regulator)
530	825383		HOUSING, Drive End
606	820819		STRAP, Adjusting
636	820069		NUT -(Starting Switch)
652	820275		SCREW -(Support Bracket)
668B	820713		SPACER -(Rotor Assembly)
699	825390		ROTOR ASSEMBLY
890	820213		BRACKET, Support
1010	825384		RETAINER, Bearing
1090A	825387		RETAINER, Brush -(Alternator)
1119	820483		SCREW -(Alternator)
1119A	820270		SCREW -(Alternator)
1150	820023		SCREW -(Adjusting Strap)
1201	820715		SCREW -(Brush Cover)
1202	820701		SCREW -(Brush Retainer)
1202A	820702		SCREW -(Brush Retainer)
1203	820702		SCREW -(Stator Wire)
1204	820705		NUT -(Alternator Pulley)
1205	820707		SCREW -(Brush End Housing)
1206	820709		NUT -(Brush End Housing)
1306	820781		NUT -(Rectifier)
1307	820690		STUD -(Drive End Housing)

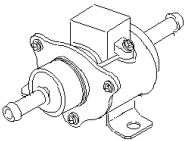
**NIKKI
MANUAL CHOKE**

121 CARBURETOR OVERHAUL KIT

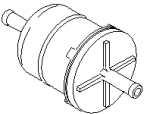
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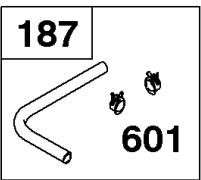
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240



187

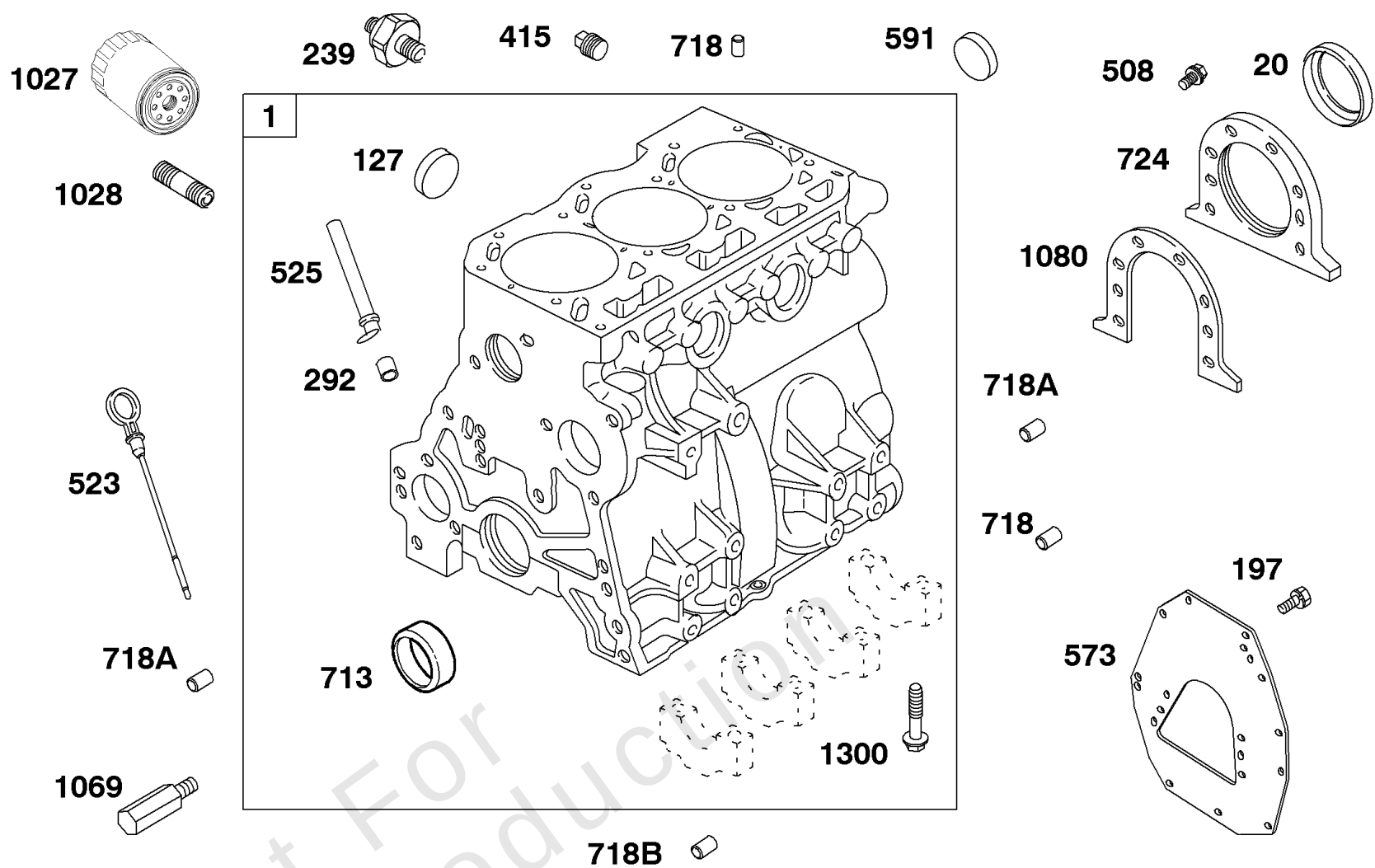


601

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51A	820385	Gasket-Intake	130		Valve-Throttle (Sold In Kit Only)	947	825678	Solenoid-Fuel
94	825374	Kit-Idle Mixture	133	825248	Float-Carburetor	955	820510	Plug-Carburetor (Slow Passage)
95	820504	Screw (Throttle Valve)	137	820508	Gasket-Float Bowl	955A	820520	Plug-Carburetor (Jet)
98	825250	Kit-Idle Speed	141	825375	Kit-Choke Shaft	975	825247	Bowl-Float
104	693506	Pin-Float Hinge	168	820603	Jet-Idle Circuit	987		Seal-Throttle Shaft (Sold In Kit Only)
105	820506	Valve-Needle	187	825044	Line-Fuel			
117	825614	Jet-Main (Standard)	231	820504	Screw (Choke Valve)			
121	825441	Kit-Carburetor Overhaul	240	821026	Filter-Fuel			
122	820082	Spacer-Carburetor	276A	820511	Washer-Sealing			
125	825371	Carburetor	387	825232	Pump-Fuel			
			601	820006	Clamp-Hose			
			630	825292	Lever/Plate-Throttle (To Replace Throttle Shaft, Order Corresponding Carburetor)			

Carburetor NIKKI Manual Choke

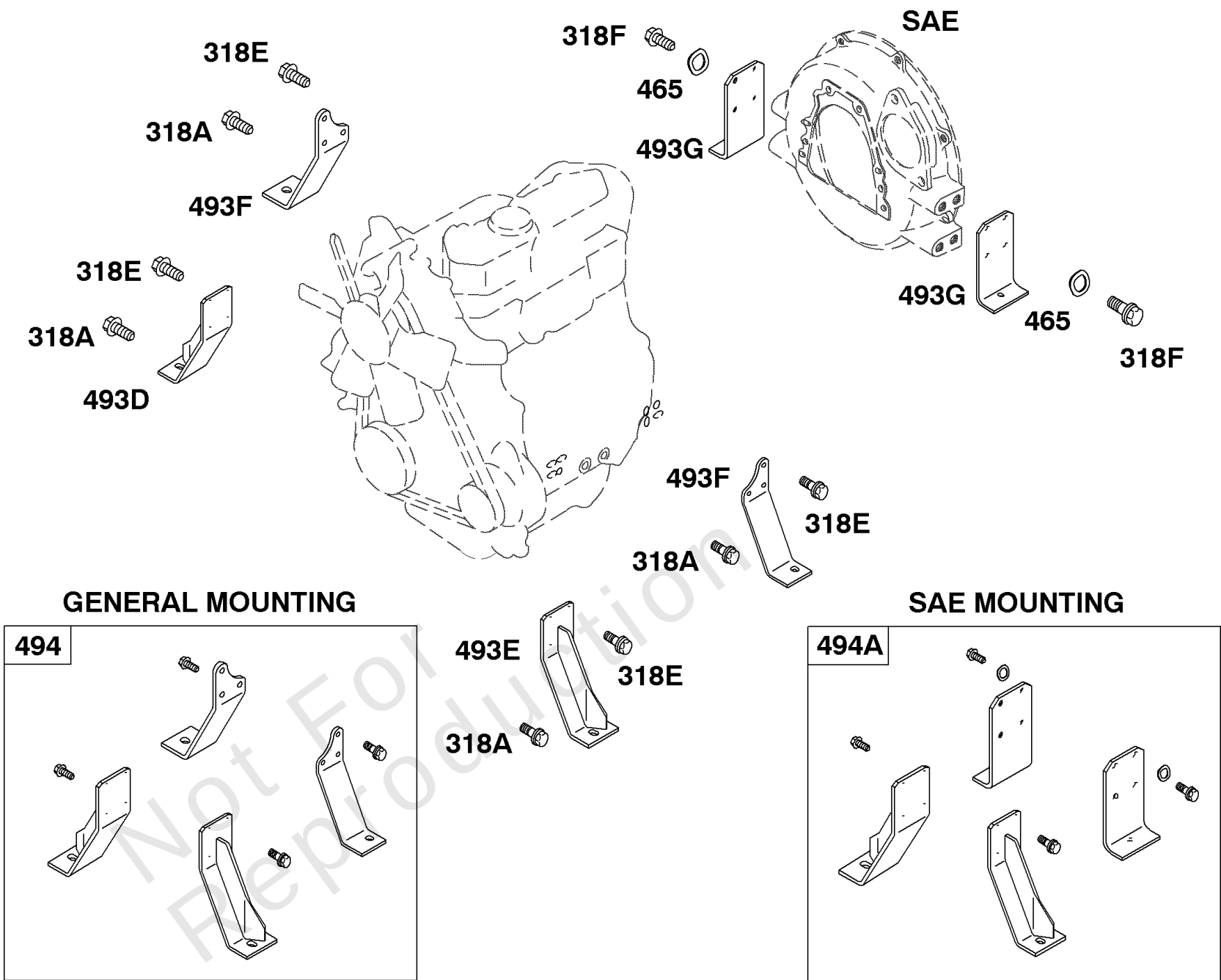
REF NO	PART NO	QTY	DESCRIPTION
51A	820385		GASKET, Intake
94	825374		KIT, Idle Mixture
95	820504		SCREW -(Throttle Valve)
98	825250		KIT, Idle Speed
104	693506		PIN-FLOAT HINGE
105	820506		VALVE, Float Needle
117	825614		JET, Main -(Standard)
121	825441		KIT, Carburetor Overhaul
122	820082		SPACER, Carburetor
125	825371		CARBURETOR
130	-----		Valve-Throttle -(Sold In Kit Only)
133	825248		FLOAT, Carburetor
137	820508		GASKET, Float Bowl
141	825375		KIT, Choke Shaft
168	820603		JET, Idle Circuit
187	825044		LINE, Fuel
231	820504		SCREW -(Choke Valve)
240	821026		FILTER-FUEL
276A	820511		WASHER, Sealing
387	825232		PUMP, Fuel
601	820006		CLAMP, Hose
630	825292		LEVER/PLATE, Throttle -(To Replace Throttle Shaft, Order Corresponding Carburetor)
947	825678		SOLENOID, Fuel
955	820510		PLUG, Carburetor -(Slow Passage)
955A	820520		PLUG, Carburetor -(Jet)
975	825247		BOWL, Float
987	-----		Seal-Throttle Shaft -(Sold In Kit Only)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	825333	Cylinder Assembly (9mm Head Bolts) (Used After Code Date 98123100). ----- Note ----- 825027 Cylinder Assembly (8mm Head Bolts) (Used Before Code Date 99010100).	239	821135	Switch-Oil Pressure	713	821299	Bushing-Camshaft
			292	820662	Collar-Dipstick Tube	718	820063	Pin-Locating (Cylinder)
			415	820051	Plug (Cylinder)	718A	820062	Pin-Locating (Cylinder)
			508	820031	Screw (Seal Retainer)	718B	820061	Pin-Locating (Cylinder)
			523	821158	Dipstick	724	820146	Retainer-Seal
			525	820144	Tube-Dipstick	1027	491056	Filter-Oil
			573	820170	Plate-Back	1028	820050	Adapter-Oil Filter
20	821073	Seal-Oil (PTO Side)	591	821069	Plug-Camshaft	1069	820102	Nozzle-Oil
127	820004	Plug-Welch				1080	820145	Gasket-Seal Retainer
197	820176	Screw (Back Plate)				1300	820042	Screw (Crankshaft Bearing Cap)

Cylinder, Oil, Back Plate

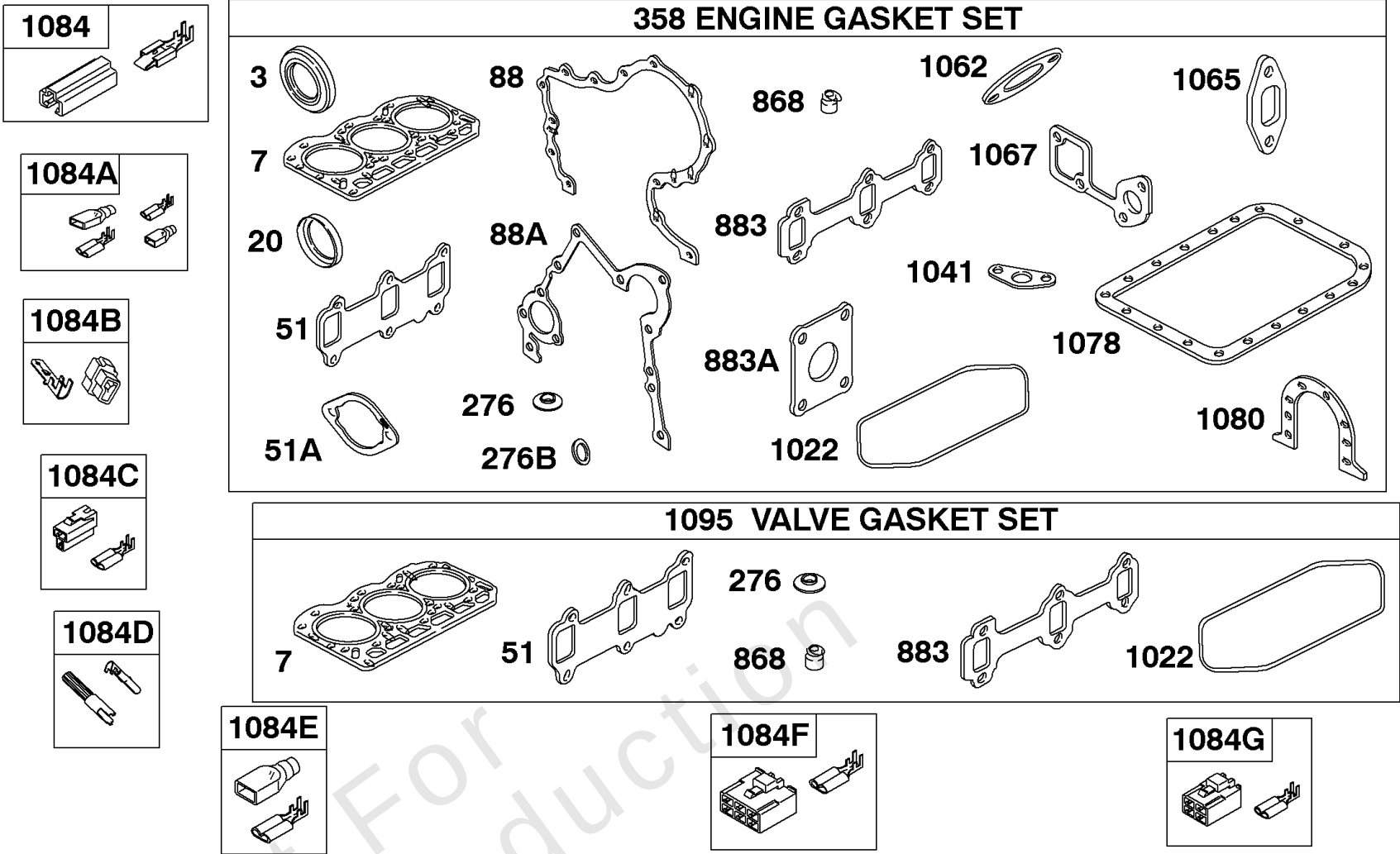
REF NO	PART NO	QTY	DESCRIPTION
1	825027		CYLINDER ASSEMBLY -(8 mm Head Bolts) -Used Before Code Date 99010100
20	821073		SEAL, Oil -(PTO Side)
127	820004		PLUG, Welch
197	820176		SCREW -(Back Plate)
239	821135		SWITCH, Oil Pressure
292	820662		COLLAR, Dipstick Tube
415	820051		PLUG -(Cylinder)
508	820031		SCREW -(Seal Retainer)
523	821158		DIPSTICK
525	820144		TUBE, Dipstick
573	820170		PLATE, Back
591	821069		PLUG, Camshaft
713	821299		BUSHING, Camshaft
718	820063		PIN, Locating -(Cylinder)
718A	820062		PIN, Locating -(Cylinder)
718B	820061		PIN, Locating -(Cylinder)
724	820146		RETAINER, Seal
1027	491056		FILTER-OIL -(3-1/4)
1028	820851		ADAPTER, Oil Filter
1069	820102		NOZZLE, Oil
1080	820145		GASKET, Seal Retainer
1300	820042		SCREW -(Crankshaft Bearing Cap)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
318A	820676	Screw (Mounting Bracket) (Used With Engine Mounts Only)	465	820449	Washer (Mounting Bracket)	494	825214	Mount-Engine (General Mounting)
318E	820023	Screw (Mounting Bracket) (Use Only When Front Engine Mounts And Radiator Brackets Are Installed)	493D	820835	Bracket-Mounting (Right Front) (General and SAE)	494A	825215	Mount-Engine (SAE Mounting)
318F	820306	Screw (Mounting Bracket)	493E	820832	Bracket-Mounting (Left Front) (General and SAE)			
			493F	820833	Bracket-Mounting (Rear General)			
			493G	820834	Bracket-Mounting (Rear SAE)			

Engine Mounting Kits

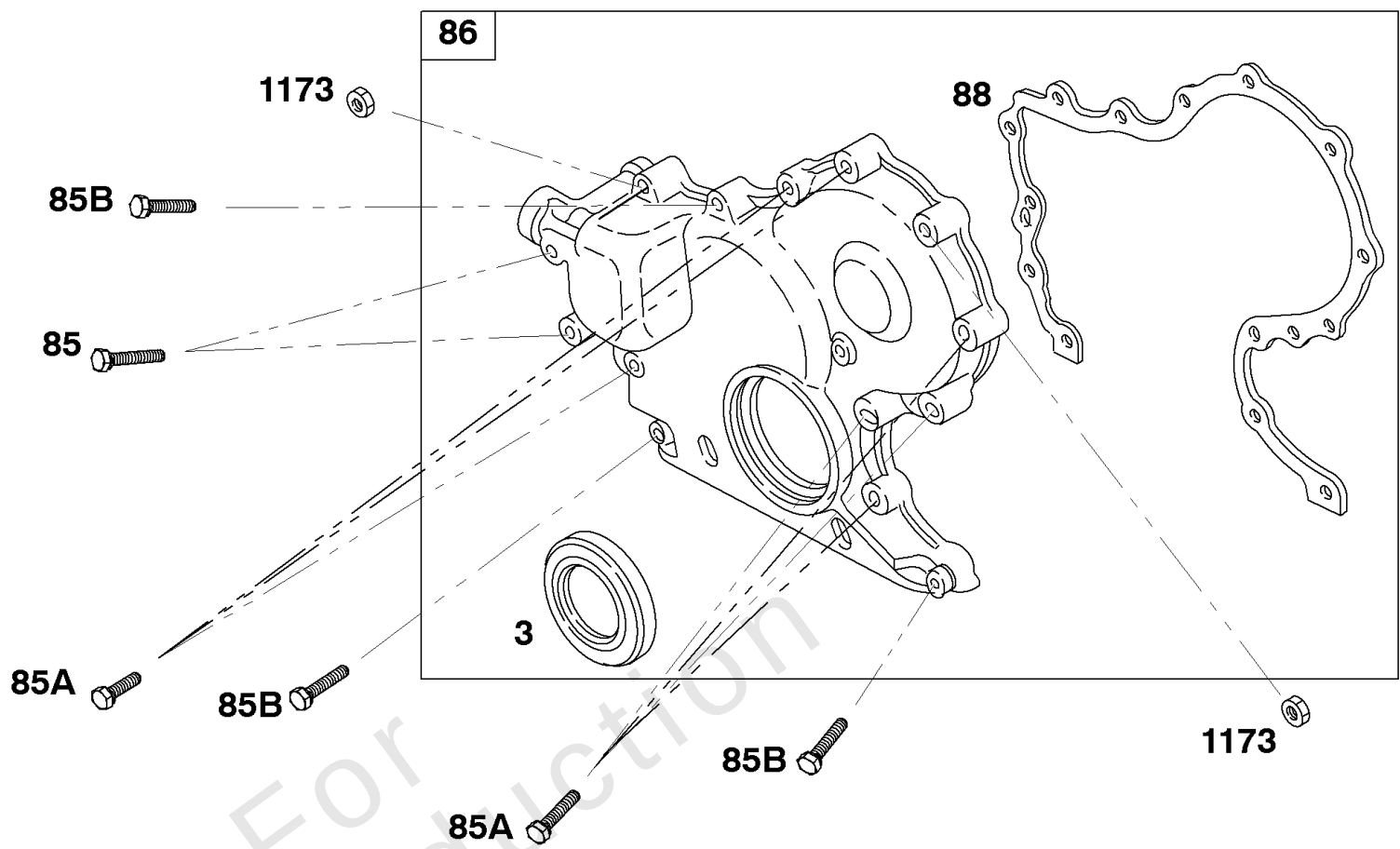
REF NO	PART NO	QTY	DESCRIPTION
318A	820676		SCREW -(Mounting Bracket)
318E	820023		SCREW -(Mounting Bracket) (Use Only When Front Engine Mounts And Radiator Brackets Are Installed)
318F	820306		SCREW -(Mounting Bracket)
465	820449		WASHER -(Mounting Bracket)
493D	820835		BRACKET, Mounting -(Right Front)(General and SAE)
493E	820832		BRACKET, Mounting -(Left Front)(General and SAE)
493F	820833		BRACKET, Mounting -(Rear General)
493G	820834		BRACKET, Mounting -(Rear SAE)
494	825214		MOUNT, Engine -(General Mounting)
494A	825215		MOUNT, Engine -(SAE Mounting)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	820055	Seal-Oil (Magneto Side)	358	825378	Gasket Set-Engine	1084	825154	Connector-Terminal
7	820650	Gasket-Cylinder Head	868	820041	Seal-Valve	1084A	825155	Connector-Terminal
20	820056	Seal-Oil (PTO Side)	883	820817	Gasket-Exhaust (Exhaust Manifold)	1084B	825156	Connector-Terminal
51	820087	Gasket-Intake (Intake Manifold)	883A	821001	Gasket-Exhaust (Muffler)	1084C	825157	Connector-Terminal
51A	820385	Gasket-Intake	1022	820150	Gasket-Rocker Cover	1084D	825158	Connector-Terminal
88	820148	Gasket-Gear Reduction Cover	1041	820104	Gasket-Oil Strainer	1084E	825160	Connector-Terminal
88A	820155	Gasket-Gear Reduction Cover	1062	820093	Gasket-Outlet Housing	1084F	825162	Connector-Terminal
276	820064	Washer-Sealing (Rocker Cover)	1065	820098	Gasket-Inlet Housing	1084G	825163	Connector-Terminal
276B	820582	Washer-Sealing (Oil Drain Plug) (16 mm)	1067	820100	Gasket-Water Pump	1095	825379	Gasket Set-Valve
			1078	820137	Gasket-Oil Pan			
			1080	820145	Gasket-Seal Retainer			

Engine/Valve Gasket Sets, Terminal Connectors

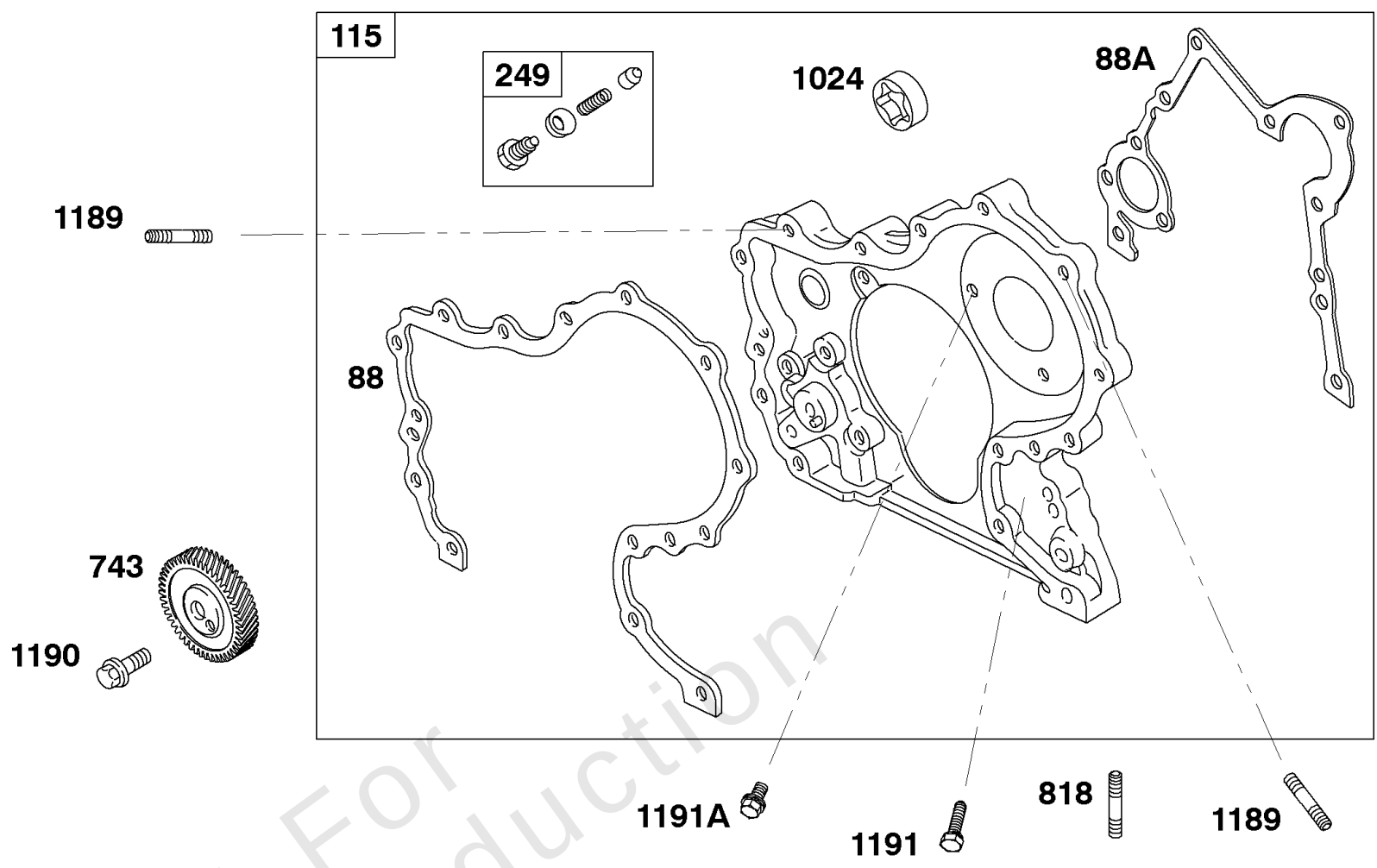
REF NO	PART NO	QTY	DESCRIPTION
3	821071		SEAL, Oil -(Magneto Side)
7	820650		GASKET, Cylinder Head
20	821073		SEAL, Oil -(PTO Side)
51	820087		GASKET, Intake -(Intake Manifold)
51A	820385		GASKET, Intake
88	820148		GASKET, Gear Cover/Housing
88A	820155		GASKET, Gear Cover/Housing
276	820064		WASHER, Sealing -(Rocker Cover)
276B	820582		WASHER, Sealing -(Oil Drain Plug)(16mm)
358	825378		GASKET SET, Engine
868	820041		SEAL, Valve
883	820817		GASKET, Exhaust -(Exhaust Manifold)
883A	821001		GASKET, Exhaust -(Muffler)
1022	820150		GASKET, Rocker Cover
1041	820104		GASKET, Oil Pump Screen
1062	820093		GASKET, Outlet Housing
1065	820098		GASKET, Inlet Housing
1067	820100		GASKET, Water Pump
1078	820137		GASKET, Oil Pan
1080	820145		GASKET, Seal Retainer
1084	825154		CONNECTOR, Terminal
1084A	825155		CONNECTOR, Terminal
1084E	825160		CONNECTOR, Terminal
1084F	825162		CONNECTOR, Terminal
1084G	825163		CONNECTOR, Terminal
1084B	825156		CONNECTOR, Terminal
1084C	825157		CONNECTOR-TERMINAL
1084D	825158		CONNECTOR, Terminal
1095	825379		GASKET SET, Valve



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	821071	Seal-Oil (Magneto Side)	85	820026	Screw (Gear Cover to Gear Reduction Case)	86	825119	Cover-Gear
			85A	820029	Screw (Gear Cover to Gear Reduction Case)	88	820148	Gasket-Gear Reduction Cover
			85B	820027	Screw (Gear Cover to Gear Reduction Case)	1173	820069	Nut (Gear Cover)

Gear Cover

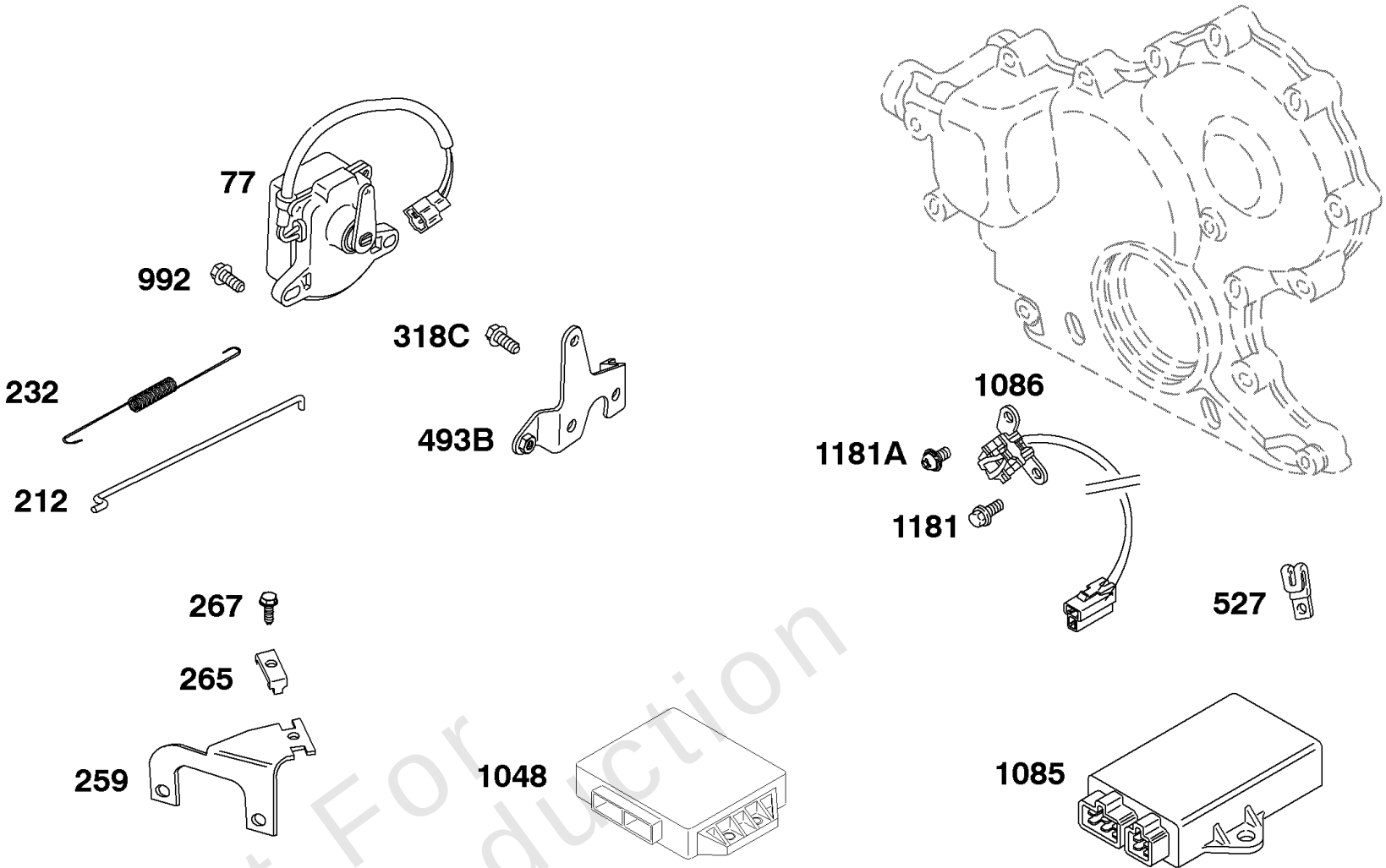
REF NO	PART NO	QTY	DESCRIPTION
3	821071		SEAL, Oil -(Magneto Side)
85	820026		SCREW -(Gear Cover to Gear Reduction Case)
85A	820029		SCREW -(Gear Cover to Gear Reduction Case)
85B	820027		SCREW -(Gear Cover to Gear Reduction Case)
86	825119		COVER, Gear
88	820148		GASKET, Gear Cover/Housing
1173	820069		NUT -(Gear Cover)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
88	820148	Gasket-Gear Reduction Cover	743	820615	Gear-Drive (Used After Code Date 98123100). ----- Note ----- 820121 Gear-Drive (Used Before Code Date 99010100).	818	820016	Stud (Oil Pump Screen)
88A	820155	Gasket-Gear Reduction Cover				1024		Pump-Oil (Sold in Gear Housing Only, Reference 115)
115	825120	Housing-Gear				1189	820156	Stud (Gear Housing)
249	825032	Valve-Oil Relief				1190	820180	Screw (Oil Pump Drive Gear)
						1191	820030	Screw (Gear Housing)
						1191A	820033	Screw (Gear Housing)

Gear Housing

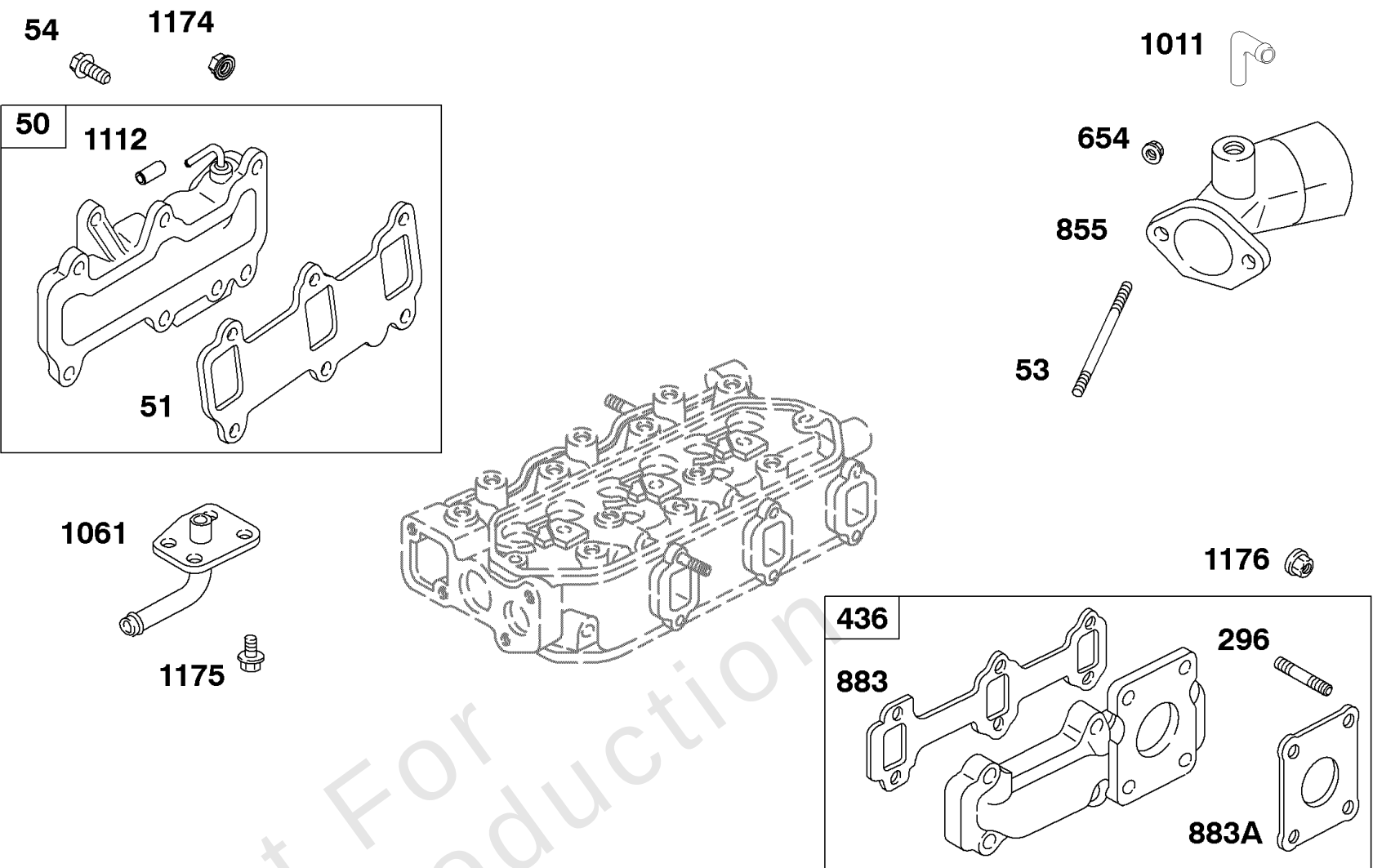
REF NO	PART NO	QTY	DESCRIPTION
88	820148		GASKET, Gear Cover/Housing
88A	820155		GASKET, Gear Cover/Housing
115	825120		HOUSING, Gear
249	825032		VALVE, Pressure Relief
743	820121		GEAR, Drive -Used Before Code Date 99010100
743	820615		GEAR, Drive -Used After Code Date 98123100
818	820016		STUD -(Oil Pump Screen)
1024	-----		Pump-Oil -(Sold In Gear Housing Only, Reference 115)
1189	820156		STUD -(Gear Housing)
1190	820180		SCREW -(Drive Gear)
1191	820030		SCREW -(Gear Housing)
1191A	820033		SCREW -(Gear Housing)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
77	820209	Motor-Servo	318C	820034	Screw (Mounting Bracket)	1048	825284	Module-Electronic Governor (Diode and Instructions Included)
212	820226	Link-Throttle	493B	820876	Bracket-Mounting (Servo Motor)	1085	821082	Module-Ignition
232	820227	Spring-Governor Link	527	820047	Clamp-Tube	1086	825009	Trigger-Ignition
259	820224	Bracket-Casing Clamp	992	820228	Screw (Servo Motor)	1181	820029	Screw (Ignition Trigger)
265	691024	Clamp-Casing				1181A	820013	Screw (Ignition Trigger)
267	820012	Screw (Casing Clamp)						

Ignition Module, Trigger Module, Electronic Module

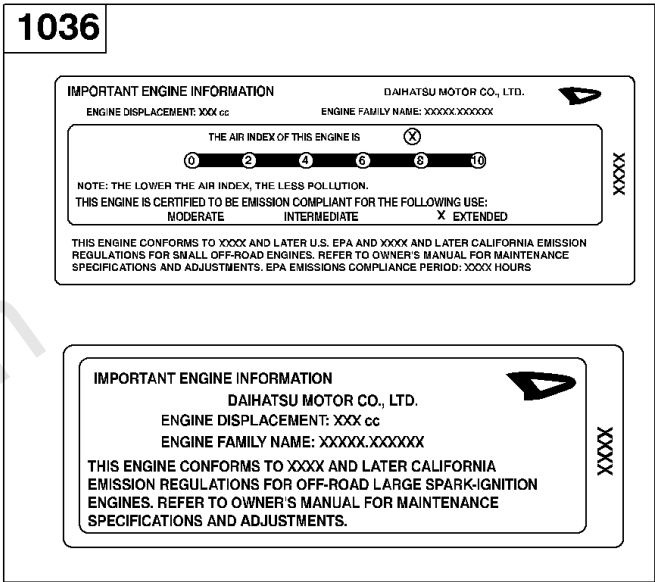
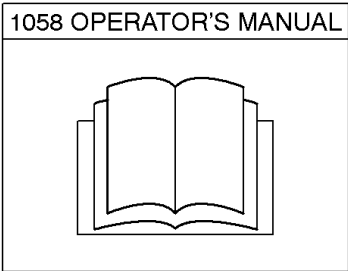
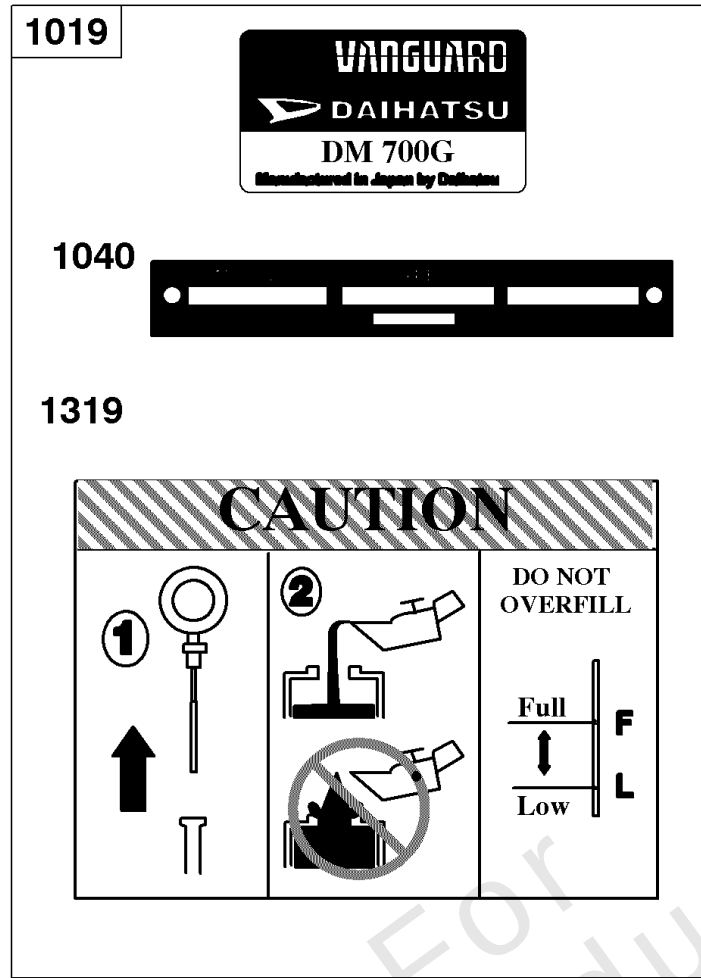
REF NO	PART NO	QTY	DESCRIPTION
77	820209		MOTOR, Servo
212	820226		LINK, Throttle
232	820227		SPRING/LINK, Governor
259	820224		BRACKET, Casing Clamp
265	691024		CLAMP, Casing
267	820012		SCREW -(Casing Clamp)
318C	820034		SCREW -(Mounting Bracket)
493B	820876		BRACKET, Mounting -(Servo Motor)
527	820047		CLAMP, Hose
992	820228		SCREW -(Servo Motor)
1048	825284		MODULE, Electronic Governor -(Diode and Instructions Included)
1085	821082		MODULE, Ignition
1086	825009		TRIGGER, Ignition
1181	820029		SCREW -(Ignition Trigger)
1181A	820013		SCREW -(Ignition Trigger)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	825260	Manifold-Intake	654	820011	Nut (Carburetor)	1011	820184	Tube-Vent
51	820087	Gasket-Intake (Intake Manifold)	855	820578	Adapter-Air Cleaner	1061	820090	Cover-Outlet (Used Before Code Date 01100100).
53	820077	Stud (Carburetor)	883	820817	Gasket-Exhaust (Exhaust Manifold)	1112	820543	Plug-Vent (Intake Manifold)
54	820031	Screw (Intake Manifold)	883A	821001	Gasket-Exhaust (Muffler)	1174	820069	Nut (Intake Manifold)
296	820553	Stud (Muffler)				1175	820034	Screw (Outlet Cover)
436	825055	Manifold-Exhaust				1176	820010	Nut (Exhaust Manifold)

Intake Manifold, Exhaust Manifold, A/C Adapter

REF NO	PART NO	QTY	DESCRIPTION
50	825260		MANIFOLD, Intake
51	820087		GASKET, Intake -(Intake Manifold)
53	820077		STUD -(Carburetor)
54	820031		SCREW -(Intake Manifold)
296	820553		STUD -(Muffler)
309	825095		MOTOR, Starter -(0.8KW)
436	825055		MANIFOLD, Exhaust
654	820011		NUT -(Carburetor)
855	820578		ADAPTER, Air Cleaner
883	820817		GASKET, Exhaust -(Exhaust Manifold)
883A	821001		GASKET, Exhaust -(Muffler)
1011	820184		TUBE, Vent
1061	820090		COVER, Outlet -Used Before Code Date 01100100
1112	820543		PLUG, Vent -(Intake Manifold)
1174	820069		NUT -(Intake Manifold)
1175	820034		SCREW -(Outlet Cover)
1176	820010		NUT -(Exhaust Manifold)

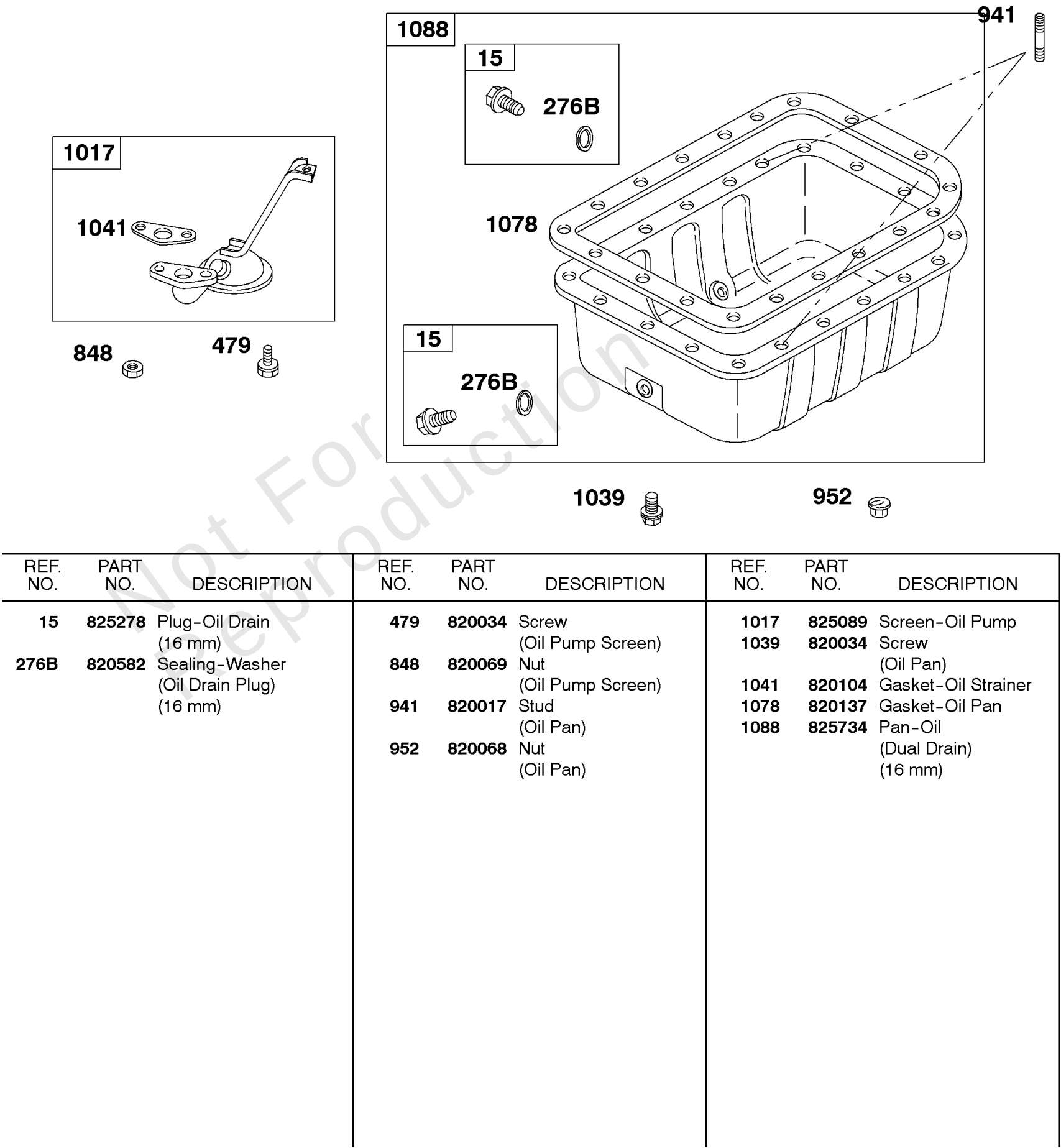


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1019	825617	Kit-Label	1036		Label-Emissions (Available from a Briggs & Stratton Authorized Dealer)	1040	820290	Plate-Trim
						1058	820883	Operator's Manual
						1319	821160	Label-Warning
						1330	MS0750	Repair Manual (Refer to Repair Manual For Assembly and Torque Requirements)

Label/Emission Labels, Operating/Repair Manual

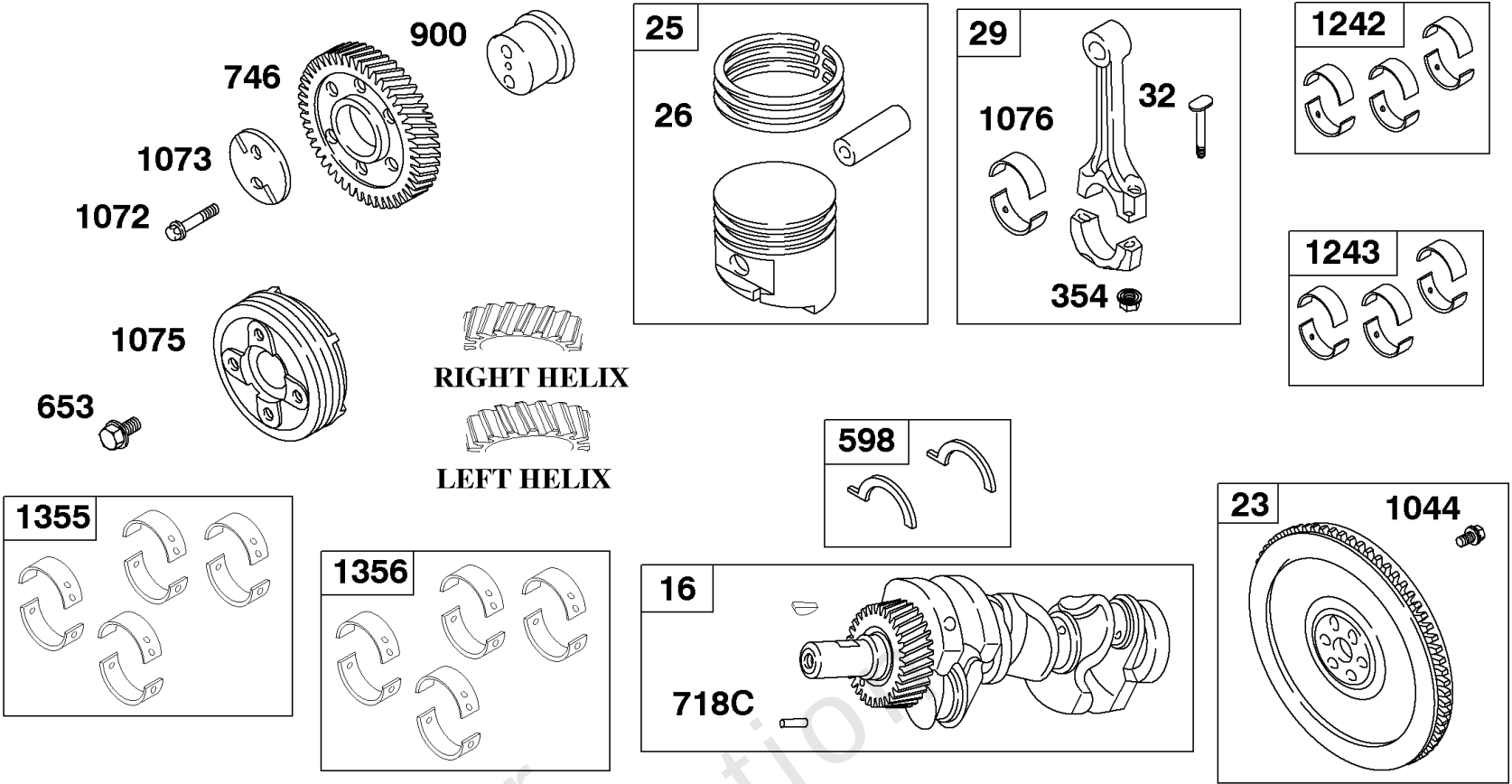
REF NO	PART NO	QTY	DESCRIPTION
1019	825617		KIT, Label
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1040	820290		PLATE, Trim
1058	820883		MANUAL, Operator's
1319	821160		LABEL, Warning
1330	MS0750		MANUAL, Repair

Not For Reproduction



Oil Pan, Oil Pump Screen

REF NO	PART NO	QTY	DESCRIPTION
15	825278		PLUG, Oil Drain -(16mm)
276B	820582		WASHER, Sealing -(Oil Drain Plug)(16mm)
479	820034		SCREW -(Oil Pump Screen)
848	820069		NUT -(Oil Pump Screen)
941	820017		STUD -(Oil Pan)
952	820068		NUT -(Oil Pan)
1017	825089		SCREEN, Oil Pump
1039	820034		SCREW -(Oil Pan)
1041	820104		GASKET, Oil Pump Screen
1078	820137		GASKET, Oil Pan
1088	825734		PAN, Oil -(Dual Drain)(16mm)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	825345	Crankshaft (Used After Code Date 98123100). ----- Note ----- 825016 Crankshaft (Used Before Code Date 99010100).	29	825033	Rod-Connecting	900	820116	Shaft-Gear
			32	820128	Screw (Connecting Rod)	1044	820080	Screw (Flywheel)
			354	820073	Nut (Connecting Rod)	1072	820081	Screw (Idle Gear Plate)
			598	821295	Shim-Endplay (Standard) ----- Note ----- 821297 Shim- Endplay (.010" Oversize)	1073	820117	Plate-Idle Gear
23	825303	Flywheel				1075	820236	Pulley-Crankshaft
25	825038	Piston Assembly (Standard) ----- Note ----- 825018 Piston Assembly (010" Oversize)	653	820079	Screw (Crankshaft Pulley)	1076	820142	Bearing/STD-Rod
			718C	820059	Pin-Locating (Crankshaft)	1242	825019	Bearing Set/STD-Rod
26	825091	Ring Set (Standard) ----- Note ----- 825092 Ring Set (010" Oversize)	746	820611	Gear-Idler (Left Helix) (Used After Code Date 98123100). ----- Note ----- 825013 Gear-Idler (Right Helix) (Used Before Code Date 99010100).	1243	825060	Bearing Set/010"-Rod
						1355	825040	Bearing Set/STD-Main
						1356	825039	Bearing Set/010"-Main

Piston, Rings, Flywheel, Crankshaft

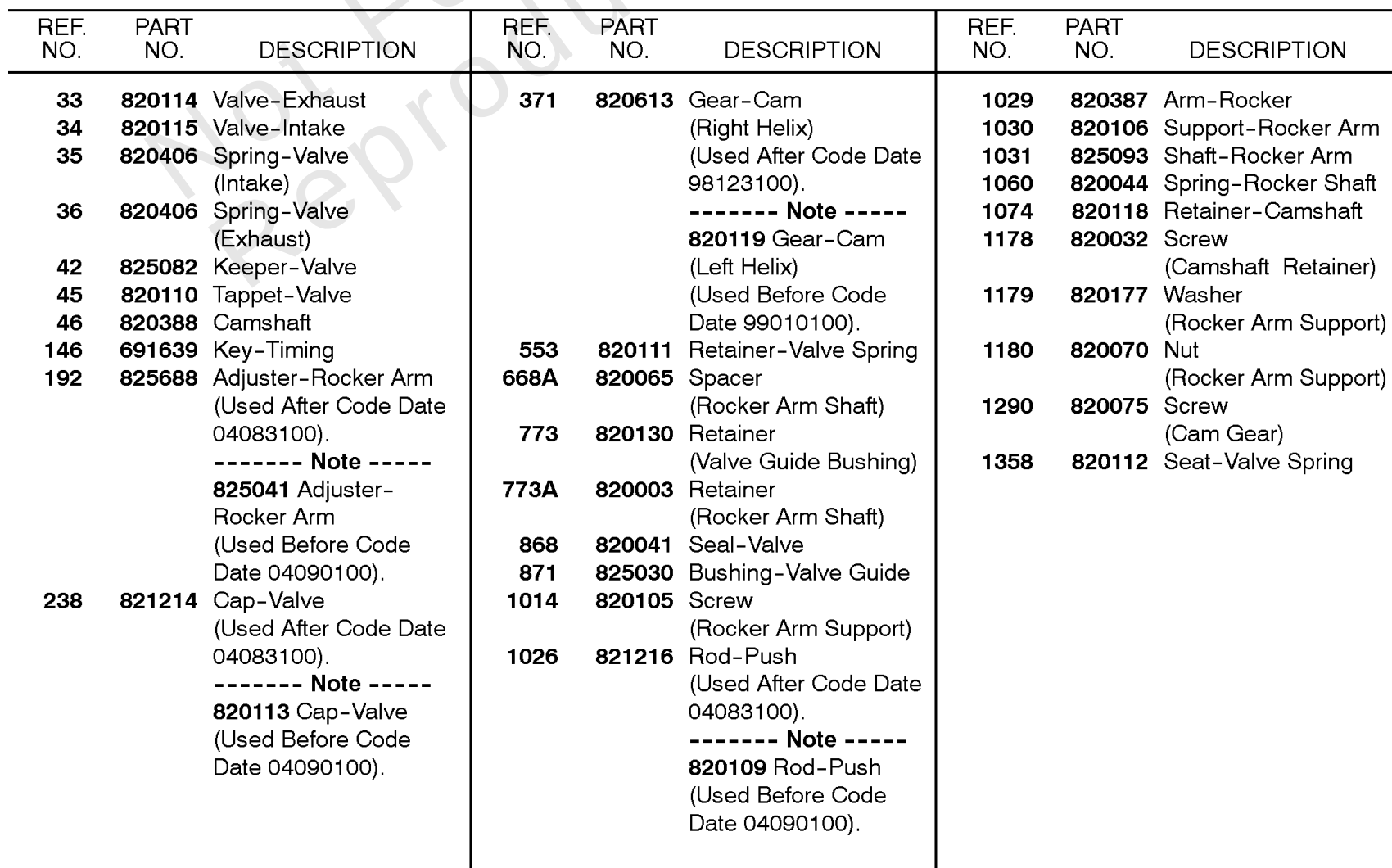
REF NO	PART NO	QTY	DESCRIPTION
16	825016		CRANKSHAFT -Used Before Code Date 99010100
16	825345		CRANKSHAFT -Used After Code Date 98123100
23	825303		FLYWHEEL
25	825038		PISTON ASSEMBLY -(Standard)
25	825018		PISTON ASSEMBLY -(.010 Oversize)
26	825092		SET, Ring -(.010 Oversize)
26	825091		SET, Ring -(Standard)
29	825033		ROD, Connecting
32	820128		SCREW -(Connecting Rod)
354	820073		NUT -(Connecting Rod)
598	821295		SHIM, End Play -(Crankshaft or Camshaft Bearing) (Standard)
598	821297		SHIM, End Play -(Crankshaft or Camshaft Bearing)
653	820079		SCREW -(Crankshaft Pulley)
718C	820059		PIN, Locating -(Crankshaft)
746	820611		GEAR, Idler -(Left Helix) -Used After Code Date 98123100
746	825013		GEAR, Idler -(Right Helix) -Used Before Code Date 99010100
900	820116		SHAFT, Gear
1044	820080		SCREW -(Flywheel)
1072	820081		SCREW -(Idle Gear Plate)
1073	820117		PLATE, Idle Gear
1075	820236		PULLEY, Crankshaft
1076	820142		SET, Rod Bearing, Standard
1242	825019		SET, Rod Bearing, Standard
1243	825060		SET, Rod Bearing, 010 -(.010 Undersize)
1355	825040		SET, Main Bearing, Standard
1356	825039		SET, Main Bearing, 010

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
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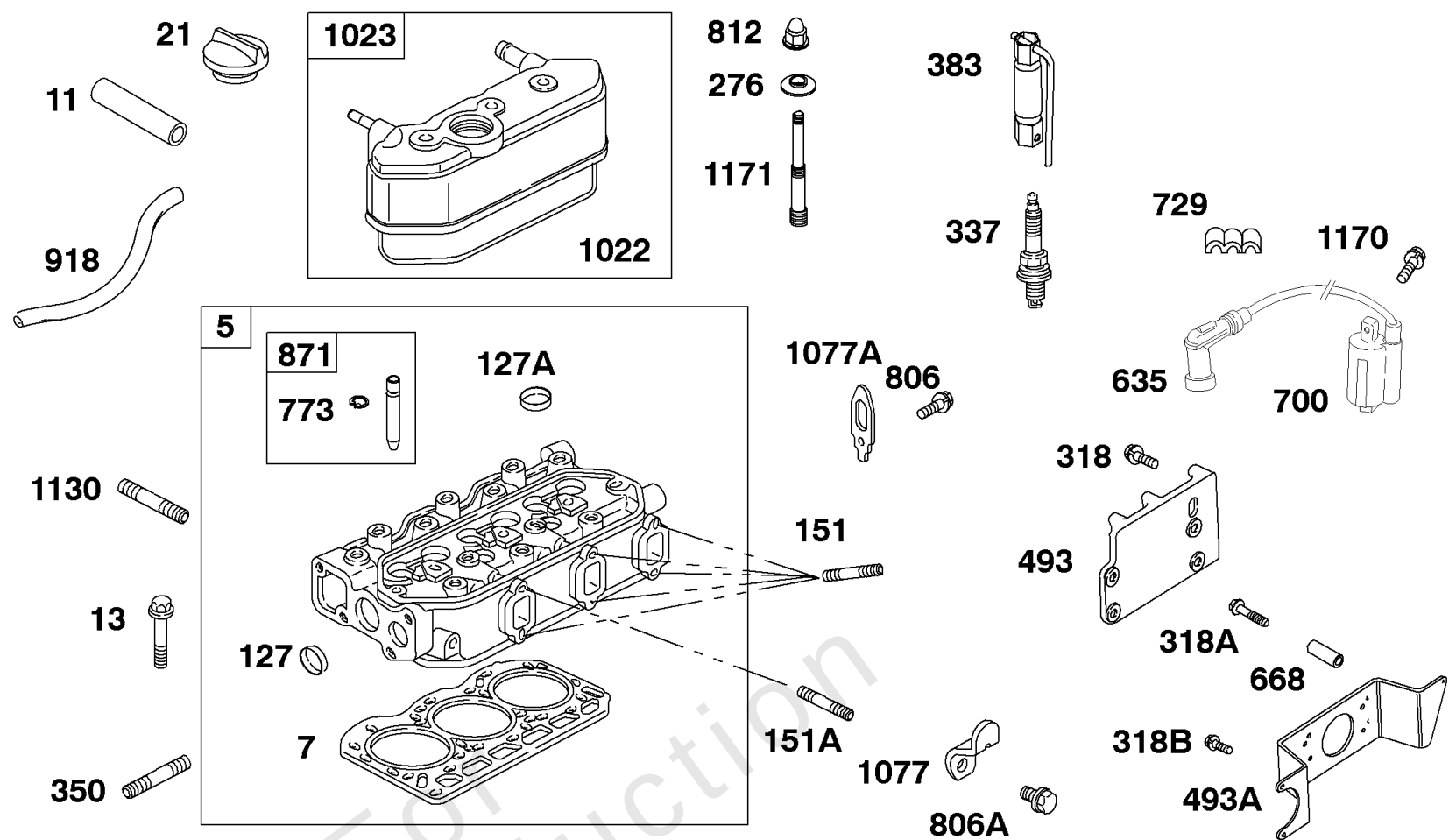
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Mfg. No: 437447-0105-99



Rocker Arm Shaft, Camshaft, Valves

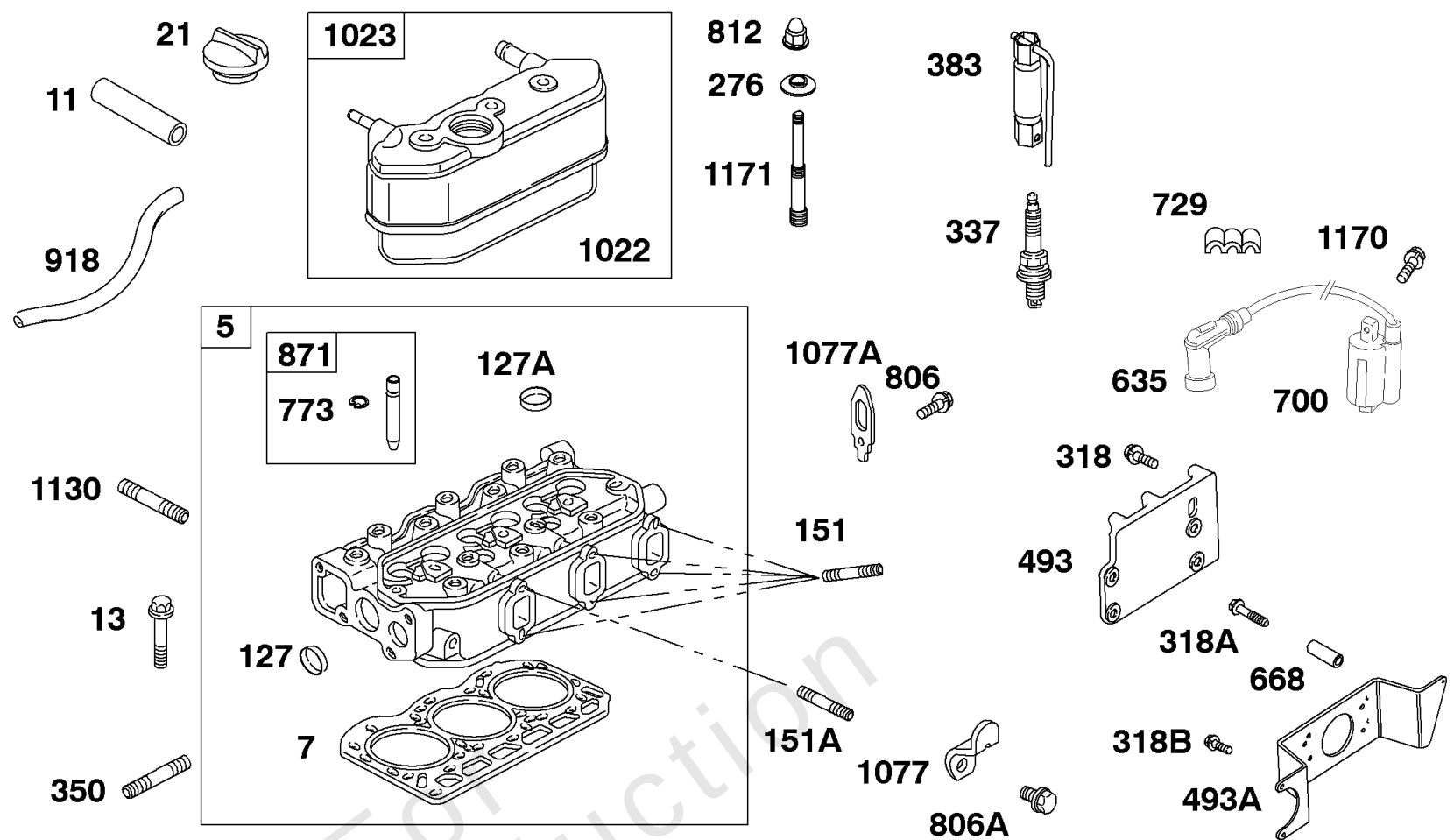
REF NO	PART NO	QTY	DESCRIPTION
33	820114		VALVE, Exhaust
34	820115		VALVE, Intake
35	820406		SPRING, Valve -(Intake)
36	820406		SPRING, Valve -(Exhaust)
42	825082		KEEPER, Valve
45	820110		TAPPET, Valve
46	820388		CAMSHAFT
146	691639		KEY, Woodruff
192	825041		ADJUSTER, Rocker Arm -Used Before Code Date 04090100
192	825688		ADJUSTER, Rocker Arm -Used After Code Date 04083100
238	820113		CAP, Valve -Used Before Code Date 04090100
238	821214		CAP, Valve -Used After Code Date 04083100
371	820119		GEAR, Cam -(Left Helix) -Used Before Code Date 99010100
371	820613		GEAR, Cam -(Right Helix) -Used After Code Date 98123100
553	820111		RETAINER, Valve
668A	820065		SPACER -(Rocker Arm Shaft)
773	820130		RETAINER -(Valve Guide Bushing)
773A	820003		RETAINER -(Rocker Arm Shaft)
868	820041		SEAL, Valve
871	825030		BUSHING, Valve Guide
1014	820105		SCREW -(Rocker Arm Support)
1026	820109		ROD, Push -Used Before Code Date 04090100
1026	821216		ROD, Push -Used After Code Date 04083100
1029	820387		ARM, Rocker
1030	820106		SUPPORT, Rocker Arm
1031	825093		SHAFT, Rocker Arm
1060	820044		SPRING, Rocker Shaft
1074	820118		RETAINER, Camshaft
1178	820032		SCREW -(Camshaft Retainer)
1179	820177		WASHER -(Rocker Arm Support)
1180	820070		NUT -(Rocker Arm Support)
1290	820075		SCREW -(Cam Gear)
1358	820112		SEAT, Valve Spring



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	825681	Head-Cylinder	276	820064	Washer-Sealing (Rocker Cover)	806	820212	Screw (Lifting Bracket)
7	820650	Gasket-Cylinder Head	318	820024	Screw (Mounting Bracket)	806A	820024	Screw (Lifting Bracket)
11	820048	Tube-Breather	318A	820676	Screw (Mounting Bracket)	812	820071	Nut (Rocker Cover)
13	820623	Screw (Cylinder Head) (9 mm) (Used After Code Date 98123100).	318B	820273	Screw (Mounting Bracket)	871	825030	Bushing-Valve Guide
		----- Note -----	337	491055S	Plug-Spark	918	820393	Hose-Vacuum
		820074 Screw (Cylinder Head) (8 mm) (Used Before Code Date 99010100).	350	820078	Stud (Water Pump)	1022	820150	Gasket-Rocker Cover
21	825024	Cap-Oil Fill	383	19374	Wrench-Spark Plug	1023	825277	Cover-Rocker (Order Reference 1019, Label Kit, Reference 1036, Emissions Label, for your Model, Type, Trim with Engine Date Code)
127	820004	Plug-Welch	493	820083	Bracket-Mounting (Ignition Coil)			
127A	820005	Plug-Welch	493A	820480	Bracket-Mounting	1077	820260	Bracket-Lifting
151	820014	Stud (Exhaust Manifold)	635	820084	Boot-Spark Plug	1077A	820254	Bracket-Lifting
151A	820466	Stud (Exhaust Manifold)	668	820675	Spacer	1130	820015	Stud (Intake Manifold)
			700	820037	Coil-Ignition	1170	820012	Screw (Ignition Coil)
			729	820672	Clip-Wire	1171	820076	Stud (Rocker Cover)
			773	820130	Retainer (Valve Guide Bushing)			

Rocker Cover, Cylinder Head, Ignition

REF NO	PART NO	QTY	DESCRIPTION
5	825681		HEAD, Cylinder
7	820650		GASKET, Cylinder Head
11	820048		TUBE, Breather
13	820623		SCREW -(Cylinder Head) (9 mm) -Used After Code Date 98123100
13	820074		SCREW -(Cylinder Head) (8 mm) -Used Before Code Date 99010100
21	825024		CAP, Oil Fill
127	820004		PLUG, Welch
127A	820005		PLUG, Welch
151	820014		STUD -(Exhaust Manifold)
151A	820466		STUD -(Exhaust Manifold)
276	820064		WASHER, Sealing -(Rocker Cover)
318	820024		SCREW -(Mounting Bracket)
318A	820676		SCREW -(Mounting Bracket)
318B	820273		SCREW -(Mounting Bracket)
337	491055S		PLUG, Spark
337	84007216		PLUG, SPARK -(China Only)
350	820078		STUD -(Water Pump)
383	19374S		WRENCH, Spark Plug
493	820083		BRACKET, Mounting -(Ignition Coil)
493A	820480		BRACKET, MOUNTING
635	820084		BOOT, Spark Plug
668	820675		SPACER
700	820037		COIL, Ignition
729	820672		CLIP-WIRE
773	820130		RETAINER -(Valve Guide Bushing)
806	820212		SCREW -(Lifting Bracket)
806A	820024		SCREW -(Lifting Bracket)
812	820071		NUT -(Rocker Cover)
871	825030		BUSHING, Valve Guide
918	820393		HOSE, Vacuum
1022	820150		GASKET, Rocker Cover
1023	825277		COVER, Rocker -(Order Reference 1019, Label Kit, and Reference 1036, Emissions Label, for your Model, Type, Trim with Engine Date Code)
1077	820260		BRACKET, Lifting
1077A	820254		BRACKET, Lifting
1130	820015		STUD -(Intake Manifold)
1170	820012		SCREW -(Ignition Coil)



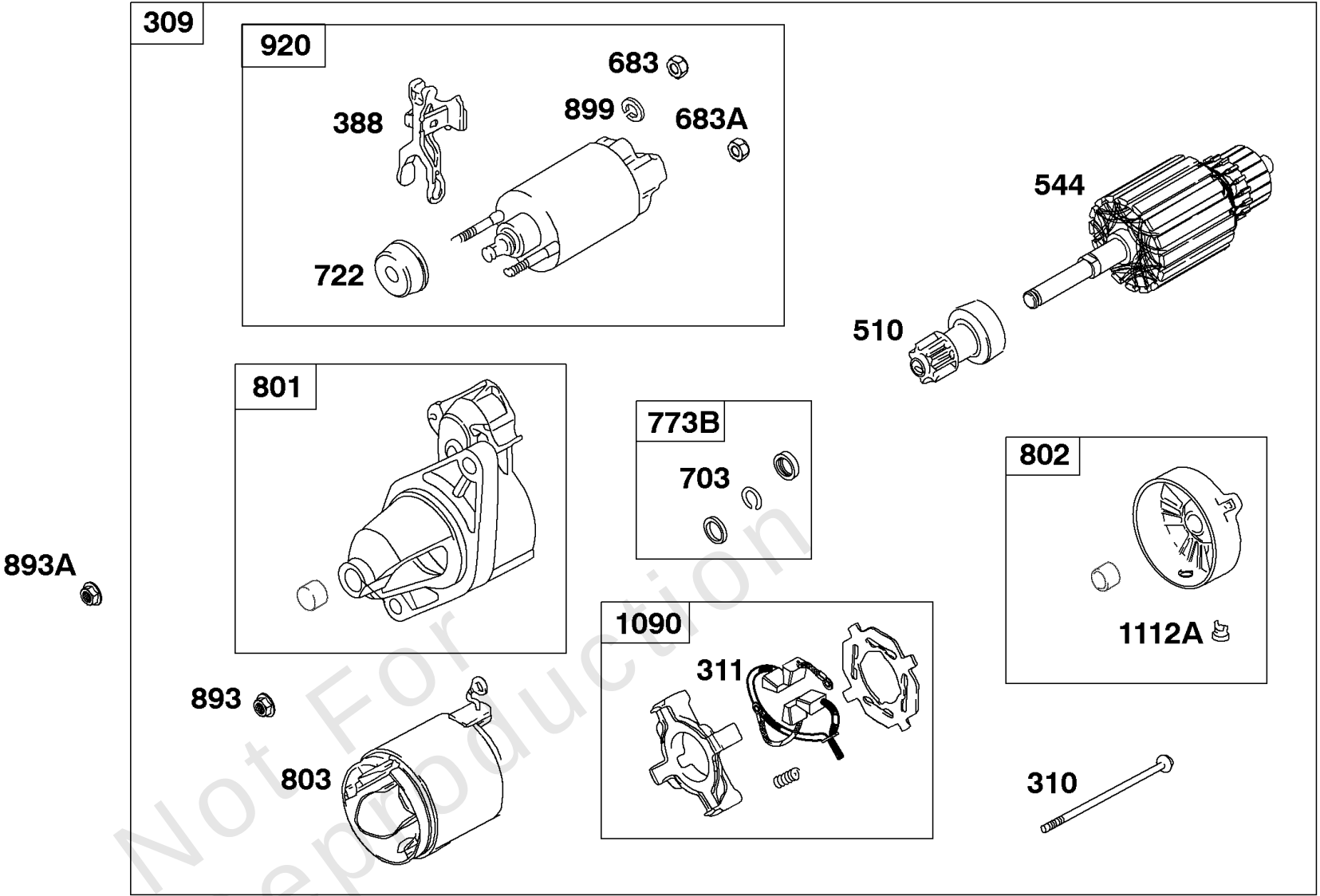
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	825681	Head-Cylinder	276	820064	Washer-Sealing (Rocker Cover)	806	820212	Screw (Lifting Bracket)
7	820650	Gasket-Cylinder Head	318	820024	Screw (Mounting Bracket)	806A	820024	Screw (Lifting Bracket)
11	820048	Tube-Breather	318A	820676	Screw (Mounting Bracket)	812	820071	Nut (Rocker Cover)
13	820623	Screw (Cylinder Head) (9 mm) (Used After Code Date 98123100).	318B	820273	Screw (Mounting Bracket)	871	825030	Bushing-Valve Guide
		----- Note -----	337	491055S	Plug-Spark	918	820393	Hose-Vacuum
		820074 Screw (Cylinder Head) (8 mm) (Used Before Code Date 99010100).	350	820078	Stud (Water Pump)	1022	820150	Gasket-Rocker Cover
21	825024	Cap-Oil Fill	383	19374	Wrench-Spark Plug	1023	825277	Cover-Rocker (Order Reference 1019, Label Kit, Reference 1036, Emissions Label, for your Model, Type, Trim with Engine Date Code)
127	820004	Plug-Welch	493	820083	Bracket-Mounting (Ignition Coil)			
127A	820005	Plug-Welch	493A	820480	Bracket-Mounting	1077	820260	Bracket-Lifting
151	820014	Stud (Exhaust Manifold)	635	820084	Boot-Spark Plug	1077A	820254	Bracket-Lifting
151A	820466	Stud (Exhaust Manifold)	668	820675	Spacer	1130	820015	Stud (Intake Manifold)
			700	820037	Coil-Ignition	1170	820012	Screw (Ignition Coil)
			729	820672	Clip-Wire	1171	820076	Stud (Rocker Cover)
			773	820130	Retainer (Valve Guide Bushing)			

Rocker Cover, Cylinder Head, Ignition

REF NO	PART NO	QTY	DESCRIPTION
1171	820076		STUD -(Rocker Cover)

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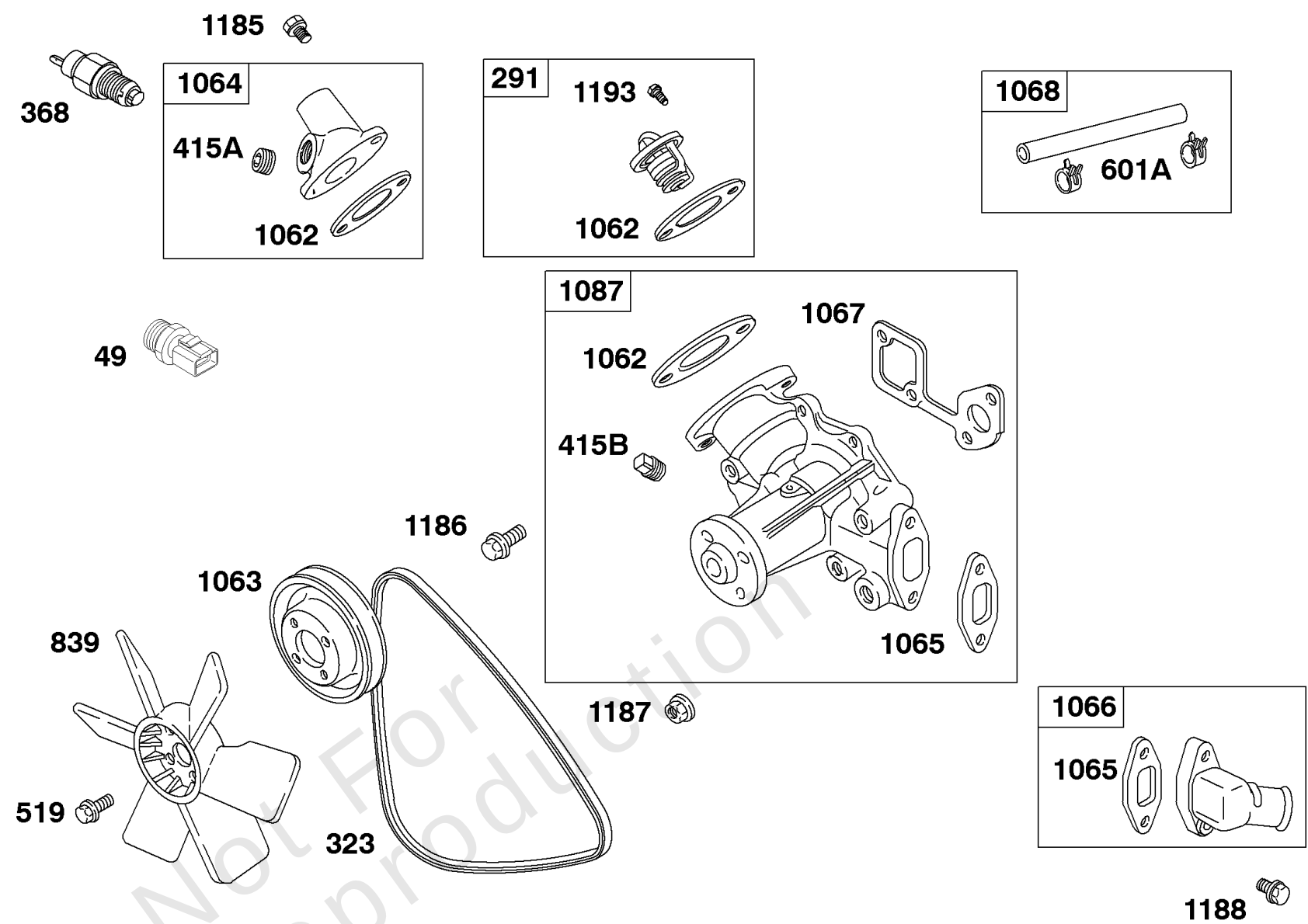
0.8 KW RED LABEL



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	Screw	722	820801	Seal-Plunger	1090	825412	Retainer-Brush
		(Starter Motor)	773B	825420	Retainer			(Starter Motor)
311	825411	Brush Set	801	820791	Cap-Drive	1112A	820797	Plug-Vent
388	820799	Lever-Pinion Drive	802	825416	Cap-End			(End Cap)
510	820789	Drive-Starter	803	820783	Housing-Starter			
544	825414	Armature-Starter	893	820805	Nut			
683	820813	Nut			(Starter Solenoid)			
		(Terminal)			(Terminal)			
683A	820809	Nut	893A	820067	Nut			
		(Starter Solenoid)			(Starter Solenoid)			
		(Terminal)			(Terminal)			
			899	820811	Washer			
					(Starter Solenoid)			
					(Terminal)			

Starter Motor 0.8KW RED LABEL

REF NO	PART NO	QTY	DESCRIPTION
309	825095		MOTOR, Starter -(0.8KW)
310	820807		SCREW -(Starter Motor)
311	825411		SET, Brush
388	820799		LEVER, Pinion Drive
510	820789		DRIVE, Starter
544	825414		ARMATURE, Starter
683	820813		NUT -(Starter Solenoid) (Terminal)
683A	820809		NUT -(Starter Solenoid) (Terminal)
703	820803		CLIP
722	820801		SEAL, Plunger
773B	825420		RETAINER
801	820791		CAP, Drive
802	825416		CAP, End
803	820783		HOUSING, Starter
893	820805		NUT -(Starter Solenoid) (Terminal)
893A	820067		NUT -(Starter Solenoid) (Terminal)
899	820811		WASHER -(Starter Solenoid)
920	825418		SOLENOID, Starter
1090	825412		RETAINER-BRUSH -(Starter Motor)
1112A	820797		PLUG, Vent -(End Cap)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
49	820590	Sensor-Water Temperature	839	820096	Fan-Radiator	1185	820031	Screw (Outlet Housing)
291	825064	Thermostat	1062	820093	Gasket-Outlet Housing	1186	820022	Screw (Water Pump)
323	820239	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			
601	820045	Clamp-Hose	1068	825045	Hose/Clamp Assembly			
			1087	825275	Pump-Water			

Water Pump, Fan, Vee Belt

REF NO	PART NO	QTY	DESCRIPTION
49	820590		SENSOR, Water Temperature
291	825064		THERMOSTAT
323	820239		BELT, Vee
368	820208		SWITCH, Water Temperature
415A	820052		PLUG -(Outlet Housing)
415B	820182		PLUG -(Water Pump)
519	820034		SCREW -(Radiator Fan)
601A	820045		CLAMP, Hose
839	820096		FAN, Radiator
1062	820093		GASKET, Outlet Housing
1063	820095		PULLEY, Pump
1064	825074		HOUSING, Outlet
1065	820098		GASKET, Inlet Housing
1066	825051		HOUSING, Inlet
1067	820100		GASKET, Water Pump
1068	825045		HOSE/CLAMP ASSEMBLY
1087	825275		PUMP, Water
1185	820031		SCREW -(Outlet Housing)
1186	820022		SCREW -(Water Pump)
1187	820181		NUT -(Water Pump)
1188	820031		SCREW -(Inlet Housing)
1193	820185		SCREW -(Thermostat)

