



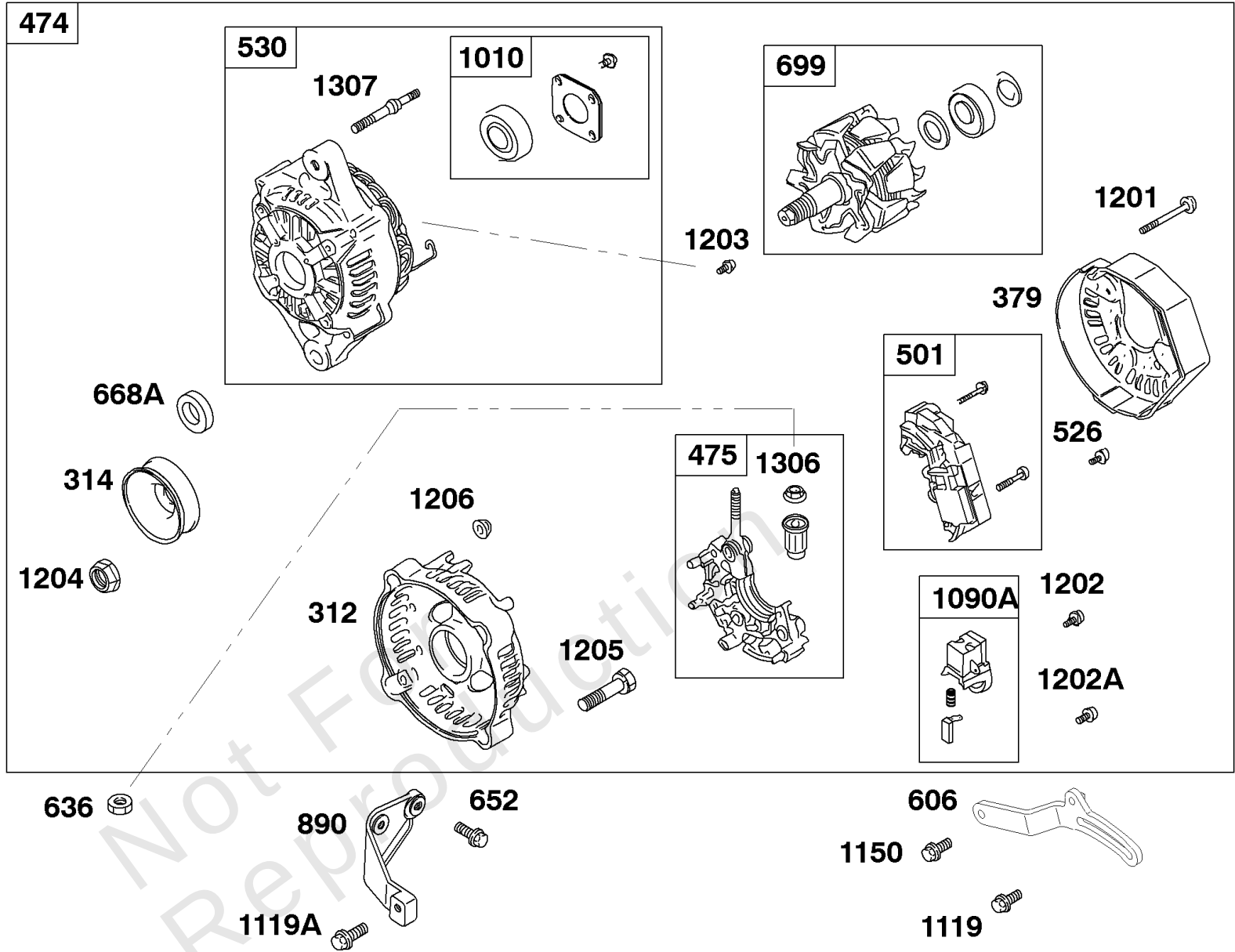
Parts Manual

Mfg. No: 430447-0105-01

Model Components	Page
Alternator 40 AMP.	4
Carburetor, AISAN Manual Choke.	6
Carburetor, NIKKI Manual Choke.	8
Control Bracket, Springs, Oil Pan, Oil Pump Screen.	10
Crankshaft, Flywheel, Piston/Rings/Connecting Rods.	12
Cylinder, Lubrication, Back Plate.	14
Engine/Valve Gasket Sets, Terminal Connectors.	16
Exhaust Manifold, Intake Manifold, A/C Adaptors.	18
Gear Cover, Ignition Trigger, Governor Crank.	20
Gear Housing, Governor Gear.	22
Label Kit, Repair Manual, Operator Manual, Emissions.	24
Replacement Engine - US & Canada.	26
Rocker Arm Shaft, Camshaft.	27
Rocker Cover, Cylinder Head, Ignition Module, Coil.	29
Starter Motor 0.8KW RED LABEL.	31
Vee Belt, Radiator Fan, Water Pump.	33

Not For
Reproduction

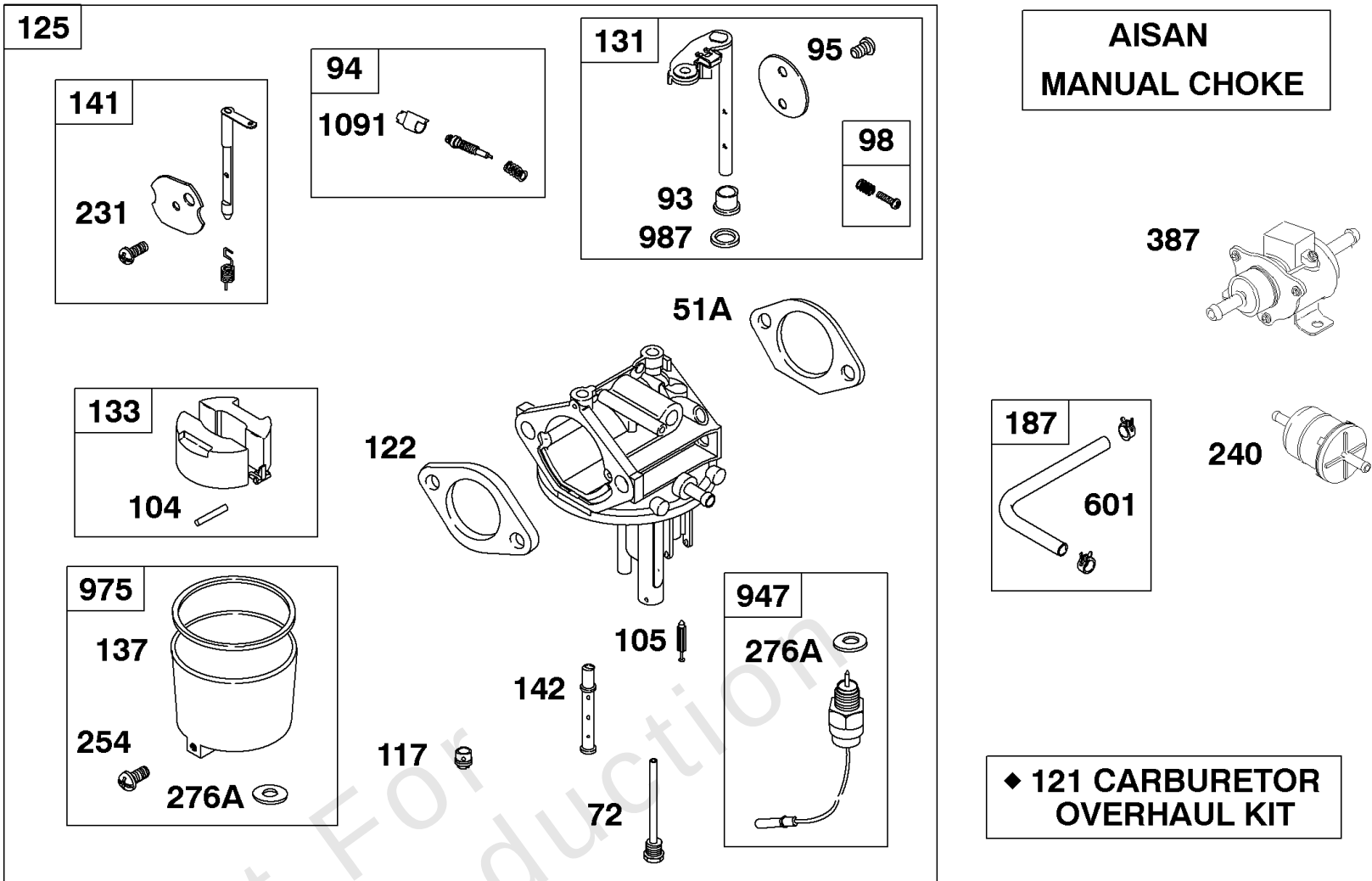
40 AMP



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	890	820213	Bracket-Support	1202A	820702	Screw (Brush Retainer)
474	825084	Alternator	1010	825384	Retainer-Bearing	1203	820702	Screw (Ground Terminal)
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)						
652	820275	Screw (Support Bracket)						

Alternator 40 AMP

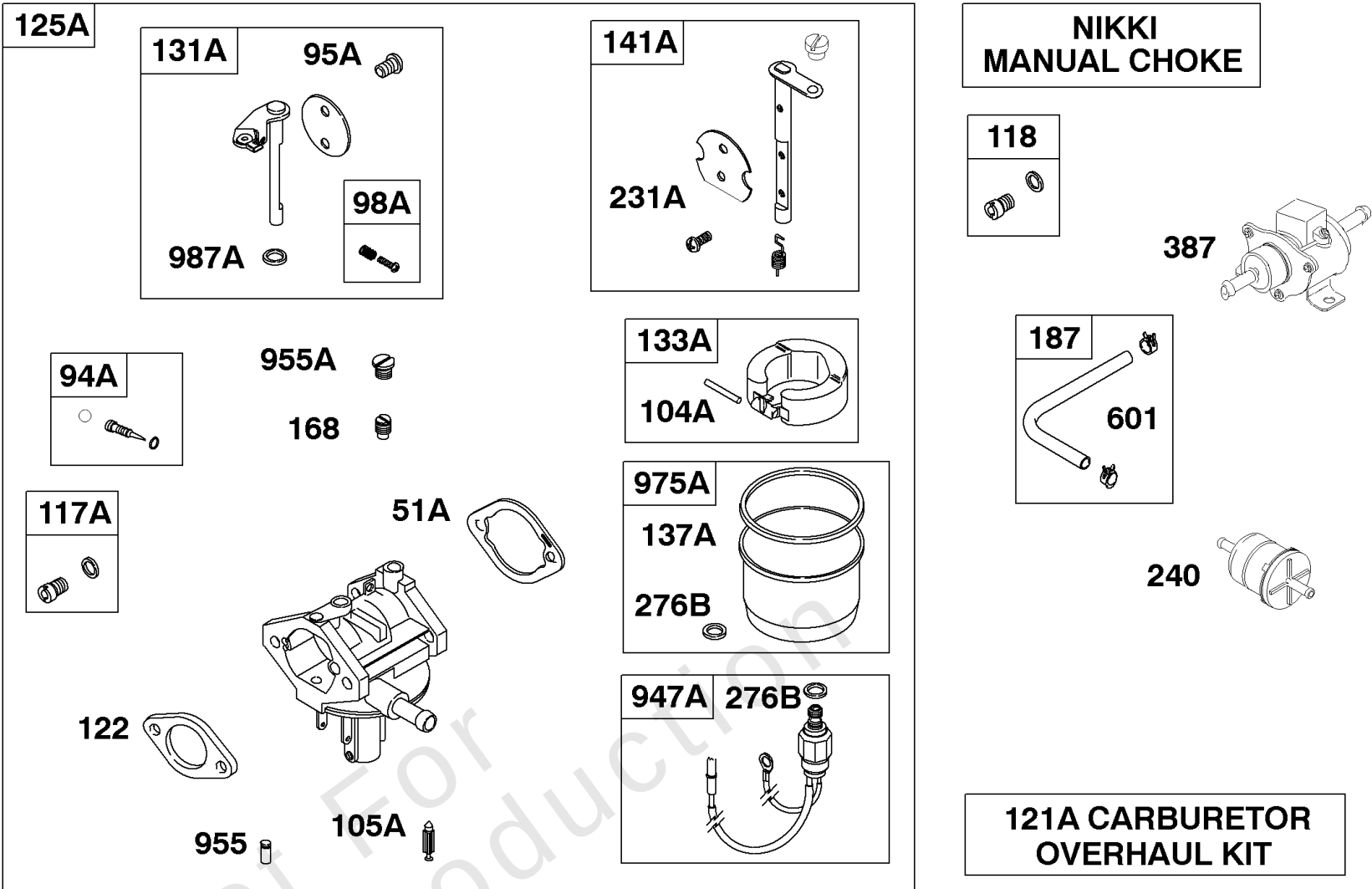
REF NO	PART NO	QTY	DESCRIPTION
312	820692		HOUSING, Brush End
314	820711		PULLEY, Alternator
379	820703		COVER, Brush
474	825084		ALTERNATOR -(40 Amp)
475	825385		RECTIFIER
501	825388		REGULATOR
526	820702		SCREW -(Regulator)
530	825383		HOUSING, Drive End
606	820819		STRAP, Adjusting
636	820069		NUT -(Starting Switch)
652	820275		SCREW -(Support Bracket)
668A	820713		SPACER -(Rotor Assembly)
699	825390		ROTOR ASSEMBLY
890	820213		BRACKET, Support
1010	825384		RETAINER, Bearing
1090A	825387		RETAINER, Brush
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)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51A	820385	Gasket-Intake	121	825238	Kit-Carburetor Overhaul	387	825232	Pump-Fuel
72	820537	Tube-Jet			(Aisan)	601	820006	Clamp-Hose
93		Bushing-Throttle Shaft (Sold In Kit Only)	122	820082	Spacer-Carburetor	947	825377	Solenoid-Fuel
94	825241	Kit-Idle Mixture	125	825121	Carburetor (Used Before Code Date 01070100).	975	825239	Bowl-Float
95	820485	Screw (Throttle Valve)				987	690734	Seal-Throttle Shaft
98	825242	Kit-Idle Speed	131	825244	Kit-Throttle Shaft	1091	691515	Cap-Limiter
104	690739	Pin-Float Hinge	133	825240	Float-Carburetor			
105	820486	Valve-Float Needle	137	820489	Gasket-Float Bowl			
117	820458	Jet-Main (Standard) (Used After Code Date 97053100).	141	825246	Kit-Choke Shaft			
		----- Note -----	142	820490	Nozzle-Carburetor			
		820488 Jet-Main (Standard) (Used Before Code Date 97060100).	187	825044	Line-Fuel			
			231	820485	Screw (Choke Valve)			
			240	821026	Filter-Fuel			
			254	820491	Drain-Carburetor Bowl			
			276A	692343	Washer-Sealing			

Carburetor, AISAN Manual Choke

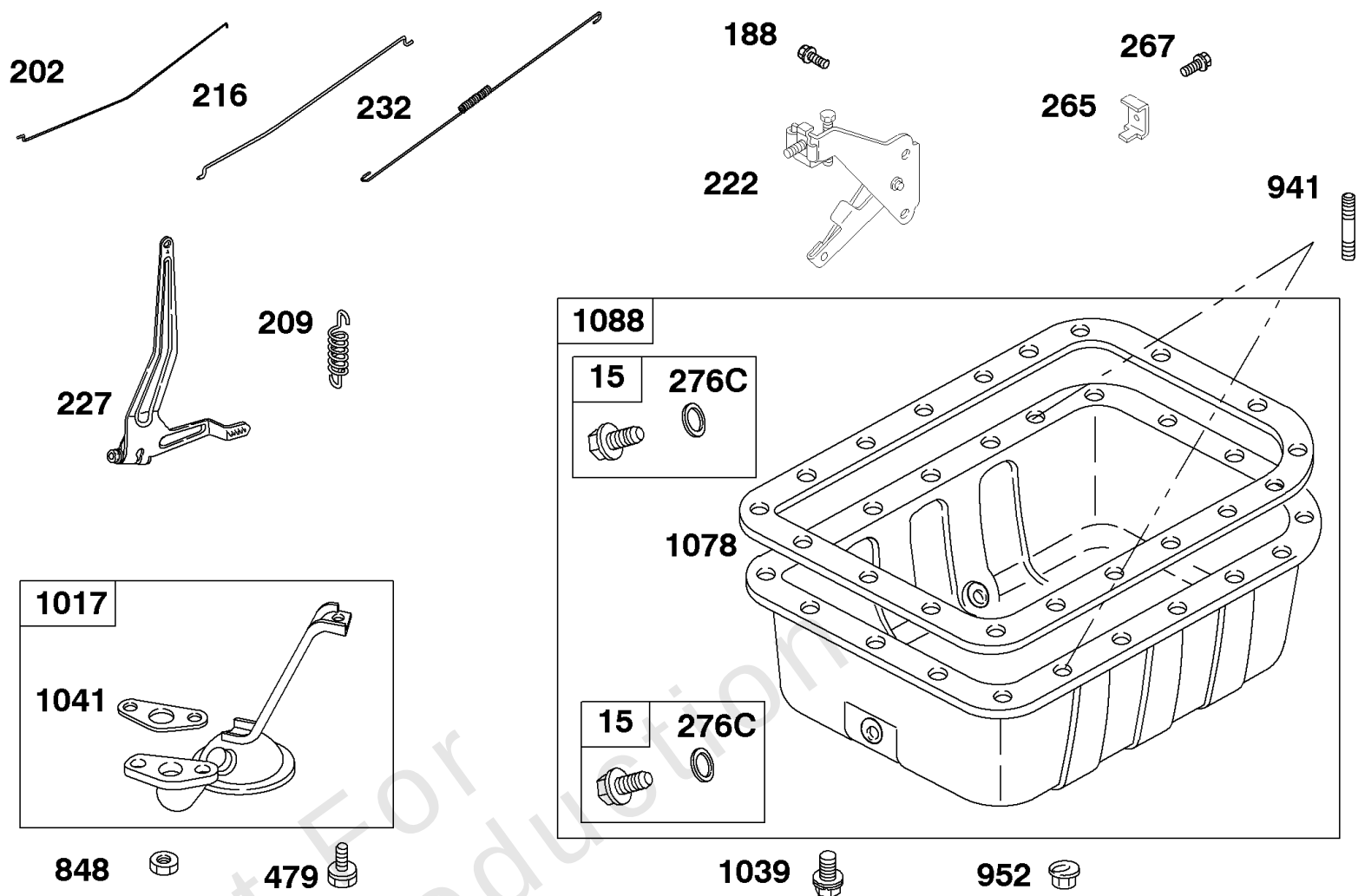
REF NO	PART NO	QTY	DESCRIPTION
51A	820385		GASKET, Intake
72	820537		TUBE, Jet
93	-----		Bushing-Throttle Shaft -(Sold In Kit Only)
94	825241		KIT, Idle Mixture
95	820485		SCREW -(Throttle Valve)
98	825242		KIT, Idle Speed
104	690739		PIN, Float Hinge
105	820486		VALVE, Float Needle
117	820458		JET, Main -(Standard) -Used After Code Date 97053100
117	820488		JET, Main -(Standard) -Used Before Code Date 97060100
121	825238		KIT, Carburetor Overhaul -(Aisan)
122	820082		SPACER, Carburetor
125	825121		CARBURETOR -(Aisan Manual Choke) -Used Before Code Date 01070100
131	825244		KIT, Throttle Shaft
133	825240		FLOAT, Carburetor
137	820489		GASKET, Float Bowl
141	825246		KIT, Choke Shaft
142	820490		NOZZLE, Carburetor -(Standard)
187	825044		LINE, Fuel
231	820485		SCREW -(Choke Valve)
240	821026		FILTER-FUEL
254	820491		DRAIN, Carburetor Bowl
276A	692343		WASHER, Sealing
387	825232		PUMP, Fuel
601	820006		CLAMP, Hose
947	825377		SOLENOID, Fuel
975	825239		BOWL, Float
987	690734		SEAL, Choke/Throttle Shaft
1091	691515		CAP, Limiter



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
51A	820385	Gasket-Intake	121A	825441	Kit-Carburetor Overhaul (Nikki)	231A	820504	Screw (Choke Valve)
94A	825374	Kit-Idle Mixture				240	821026	Filter-Fuel
95A	820504	Screw (Throttle Valve)	122	820082	Spacer-Carburetor	276B	820511	Washer-Sealing
98A	825560	Kit-Idle Speed	125A	825611	Carburetor (Used After Code Date 01063000).	387	825232	Pump-Fuel
104A	693506	Pin-Float Hinge				601	820006	Clamp-Hose
105A	820506	Valve-Float Needle	131A	825612	Kit-Throttle Shaft	947A	825677	Solenoid-Fuel
117A	825631	Jet-Main (Standard)	133A	825248	Float-Carburetor	955	820510	Plug-Carburetor (Slow Passage)
118	825615	Jet-Main (High Altitude) (2,400 to 6,600 Feet)	137A	820508	Gasket-Float Bowl	955A	820520	Plug-Carburetor (Jet)
		----- Note -----	141A	825375	Kit-Choke Shaft	975A	825247	Bowl-Float
		825629 Jet-Main (High Altitude) (6,000 to 10,000 Feet)	168	820603	Jet-Idle Circuit	987A		Seal-Throttle Shaft (Sold In Kit Only)
			187	825044	Line-Fuel			

Carburetor, NIKKI Manual Choke

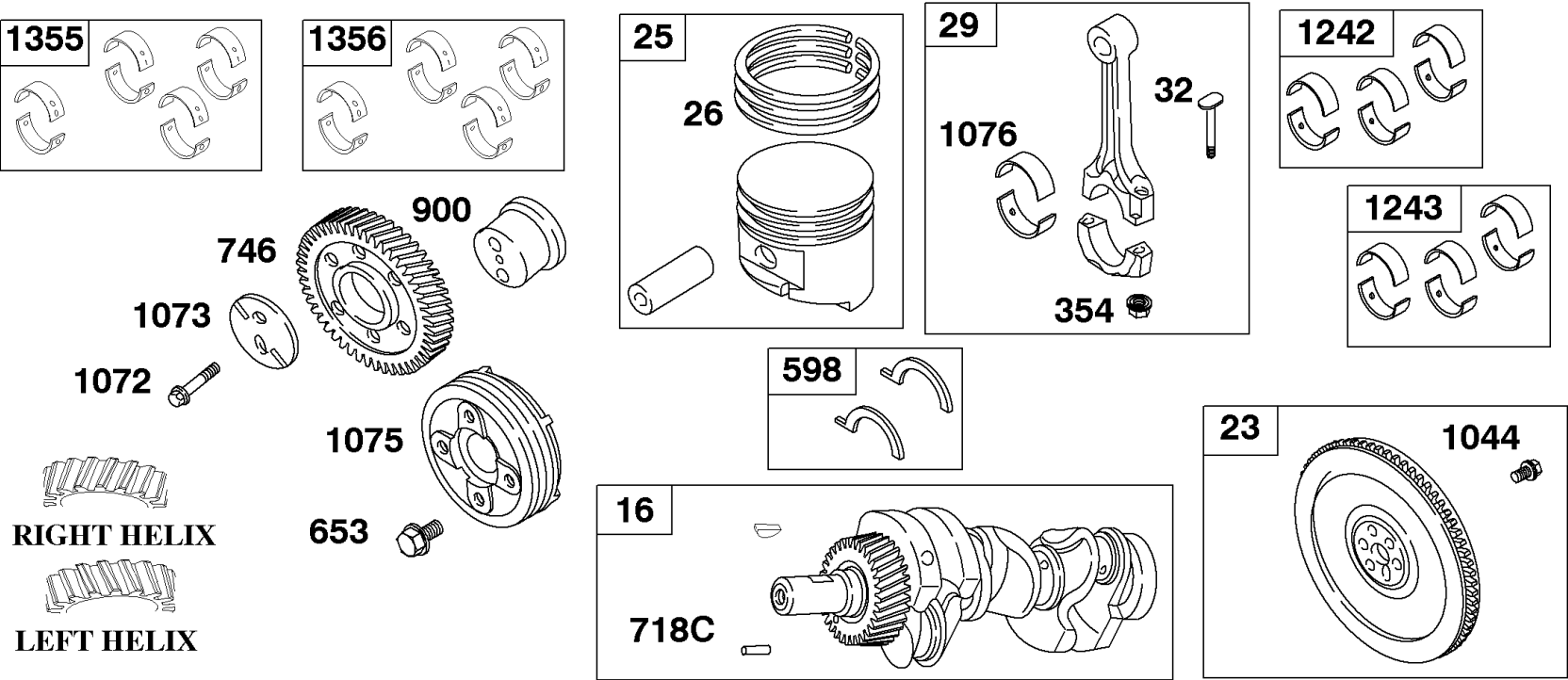
REF NO	PART NO	QTY	DESCRIPTION
51A	820385		GASKET, Intake
94A	825374		KIT, Idle Mixture
95A	820504		SCREW -(Throttle Valve)
98A	825560		KIT, Idle Speed
104A	693506		PIN-FLOAT HINGE
105A	820506		VALVE, Float Needle
117A	825631		JET, Main -(Standard)
118	825615		JET, Main -(High Altitude) (2,400-6,600 Feet)
118	825629		JET, Main -(High Altitude) (6,000-10,000 Feet)
121A	825441		KIT, Carburetor Overhaul -(Nikki)
122	820082		SPACER, Carburetor
125A	825611		CARBURETOR -(Nikki)(Gravity Feed)(Manual Choke) -Used After Code Date 01063000
131A	825612		KIT, Throttle Shaft
133A	825248		FLOAT, Carburetor
137A	820508		GASKET, Float Bowl
141A	825375		KIT, Choke Shaft
168	820603		JET, Idle Circuit
187	825044		LINE, Fuel
231A	820504		SCREW -(Choke Valve)
240	821026		FILTER-FUEL
276B	820511		WASHER, Sealing
387	825232		PUMP, Fuel
601	820006		CLAMP, Hose
947A	825677		SOLENOID, Fuel
955	820510		PLUG, Carburetor -(Slow Passage)
955A	820520		PLUG, Carburetor -(Jet)
975A	825247		BOWL, Float
987A	-----		Seal-Throttle Shaft -(Sold In Kit Only)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	825278	Plug-Oil Drain (16 mm)	216	820173	Link-Choke	848	820069	Nut (Oil Pump Screen)
		----- Note -----	222	825062	Bracket-Control	941	820017	Stud (Oil Pan)
		825043 Plug-Oil Drain (12 mm)	227	825061	Lever-Governor Control (Includes Hardware)	952	820068	Nut (Oil Pan)
188	820878	Screw (Control Bracket)	232	820172	Spring-Governor Link	1017	825089	Screen-Oil Pump
202	820171	Link-Mechanical Governor	265	691024	Clamp-Casing	1039	820034	Screw (Oil Pan)
209	821054	Spring-Governor (Yellow) (32 Coil) (Used After Code Date 99013100).	267	820012	Screw (Casing Clamp)	1041	820104	Gasket-Oil Strainer
		----- Note -----	276C	820582	Washer-Sealing (Oil Drain Plug) (16 mm)	1078	820137	Gasket-Oil Pan
		820175 Spring-Governor (Yellow) (19 Coil) (Used Before Code Date 99020100).			----- Note -----	1088	825734	Pan-Oil (Dual Drain) (16 mm)
					820049 Washer-Sealing (Oil Drain Plug) (12 mm)			
			479	820034	Screw (Oil Pump Screen)			

Control Bracket, Springs, Oil Pan, Oil Pump Screen

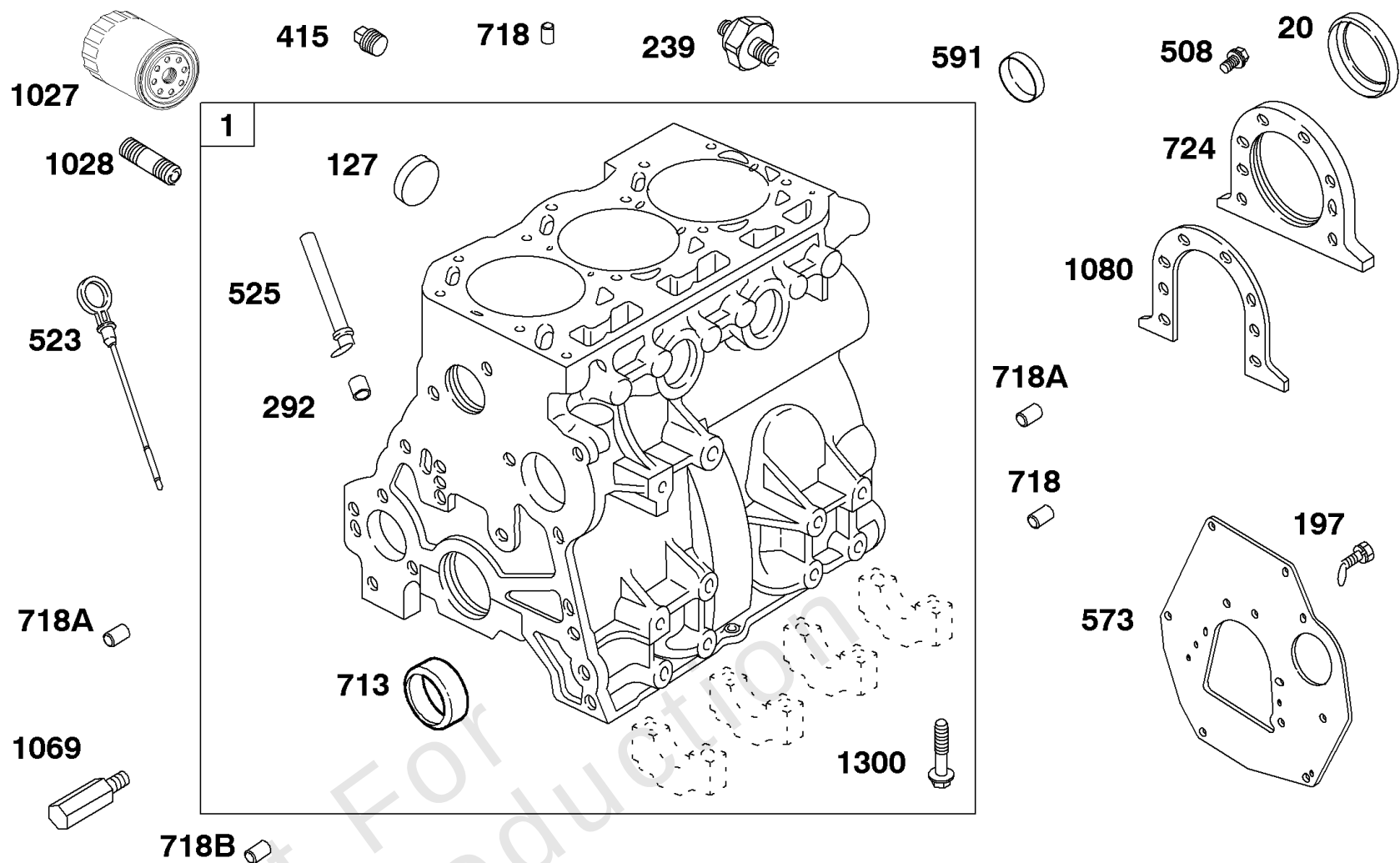
REF NO	PART NO	QTY	DESCRIPTION
15	825278		PLUG, Oil Drain -(16mm)
15	825043		PLUG, Oil Drain -(12 mm)
188	820878		SCREW -(Control Bracket)
202	820171		LINK, Mechanical Governor
209	820175		SPRING, Governor -(Yellow, 19 Coil) -Used Before Code Date 99020100
209	821054		SPRING, Governor -(Yellow, 32 Coil) -Used After Code Date 99013100
216	820173		LINK, Choke
222	825062		BRACKET, Control
227	825061		LEVER, Governor Control -(Includes Mounting Hardware)
232	820172		SPRING/LINK, Governor
265	691024		CLAMP, Casing
267	820012		SCREW -(Casing Clamp)
276C	820049		WASHER, Sealing -(Oil Drain Plug)(12 mm)
276C	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 (Idler Gear Plate)
			598	821295	Shim-Endplay (Standard) ----- Note ----- 821297 Shim- Endplay (.010" Oversize)	1073	820117	Plate-Idler 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

Crankshaft, Flywheel, Piston/Rings/Connecting Rods

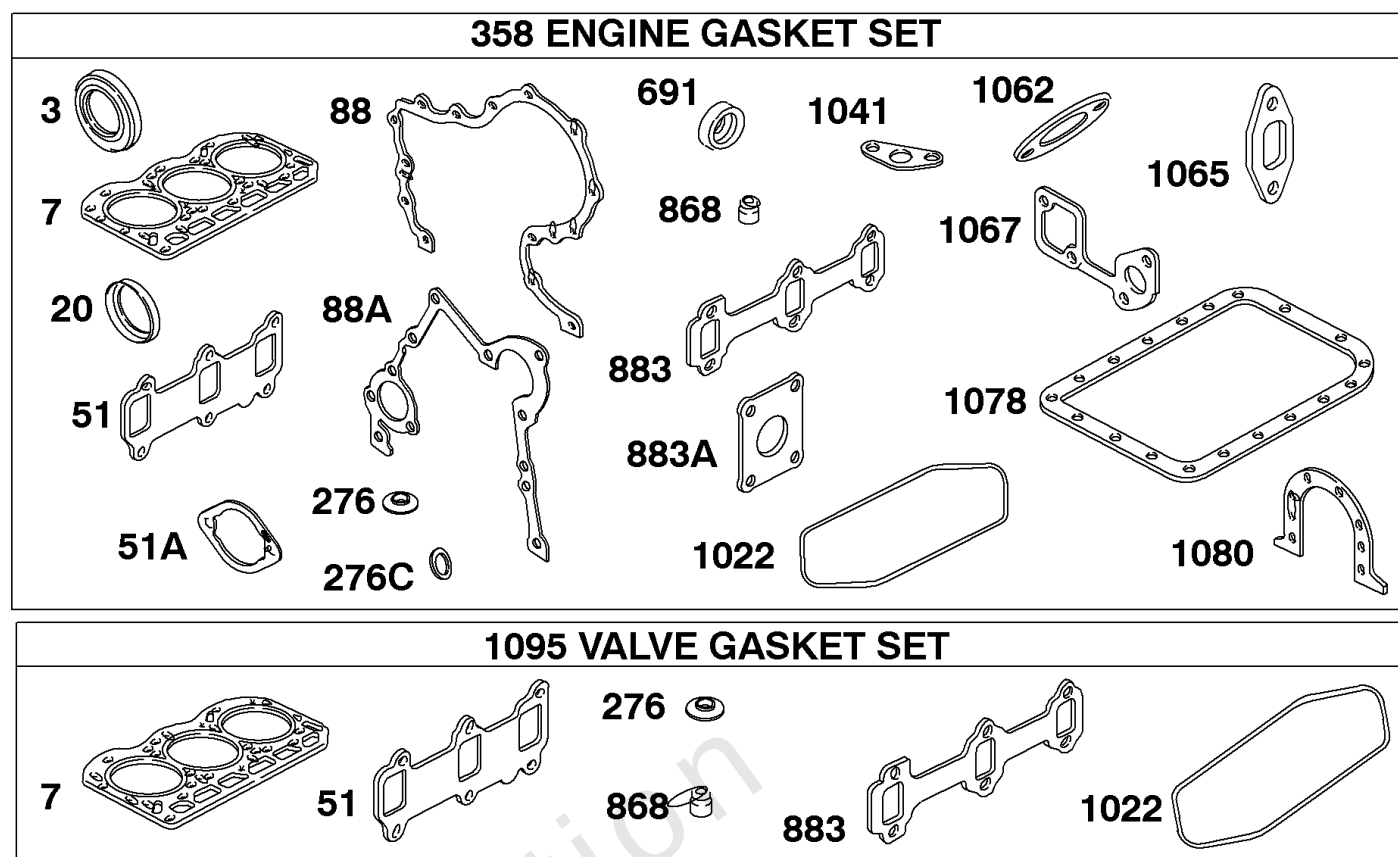
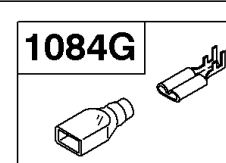
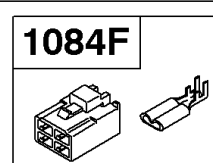
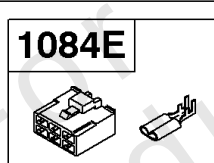
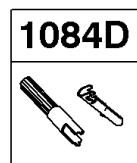
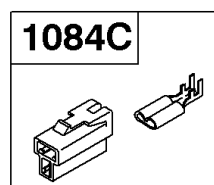
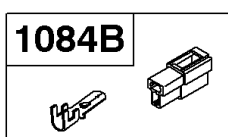
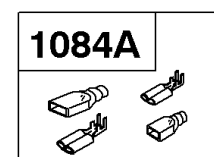
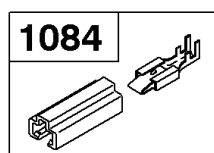
REF NO	PART NO	QTY	DESCRIPTION
16	825016		CRANKSHAFT -Used Before Code Date 99010100
16	825345		CRANKSHAFT -Used After Code Date 98123100
23	825303		FLYWHEEL
25	825038		PISTON ASSEMBLY -(Standard)
25	825018		PISTON ASSEMBLY -(.010 Oversize)
26	825092		SET, Ring -(.010 Oversize)
26	825091		SET, Ring -(Standard)
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) (.010 Oversize)
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
1355	825040		SET, Main Bearing, Standard
1356	825039		SET, Main Bearing, 010



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	825333	Cylinder Assembly (9 mm Head Bolts) (Used After Code Date 98123100). Used on Type No(s). 0205, 0305. ----- Note ----- 825027 Cylinder Assembly (8 mm Head Bolts) (Used Before Code Date 99010100).	127	820004	Plug-Welch	718	820063	Pin-Locating
20	821073	Seal-Oil (PTO Side)	197	820176	Screw (Back Plate)	718A	820062	Pin-Locating
			239	821135	Switch-Oil Pressure	718B	820061	Pin-Locating
			292	820662	Collar-Dipstick Tube	724	820146	Retainer-Seal
			415	820051	Plug (Cylinder)	1027	491056	Filter-Oil
			508	820031	Screw (Seal Retainer)	1028	820851	Adapter-Oil Filter
			523	821158	Dipstick	1069	820102	Nozzle-Oil
			525	820144	Tube-Dipstick	1080	820145	Gasket-Seal Retainer
			573	820170	Plate-Back	1300	820042	Screw (Crankshaft Bearing Cap)
			591	821069	Plug-Camshaft			
			713	821299	Bushing-Camshaft			

Cylinder, Lubrication, Back Plate

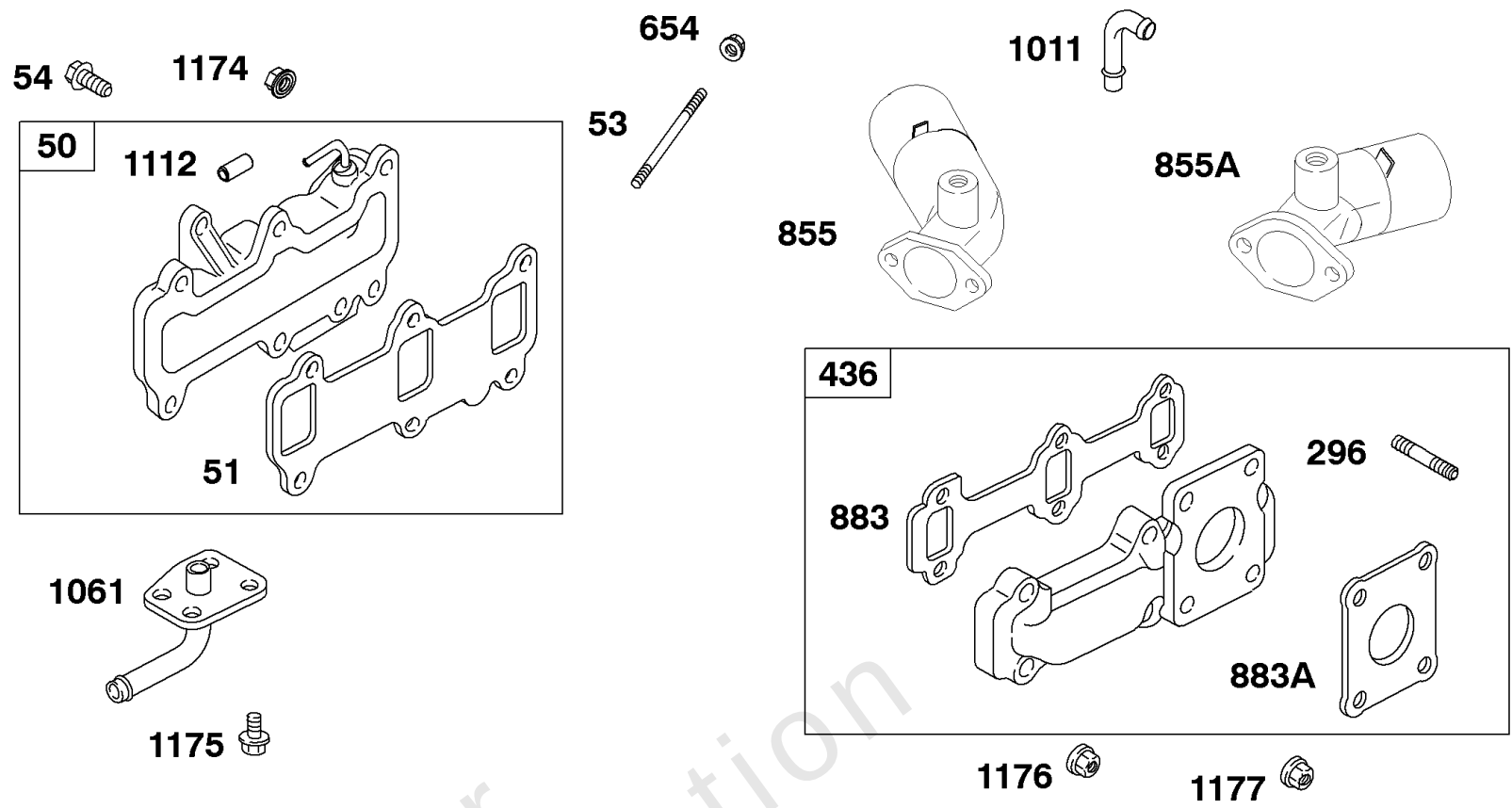
REF NO	PART NO	QTY	DESCRIPTION
1	825027		CYLINDER ASSEMBLY -(8 mm Head Bolts) -Used Before Code Date 99010100
20	821073		SEAL, Oil -(PTO Side)
127	820004		PLUG, Welch
197	820176		SCREW -(Back Plate)
239	821135		SWITCH, Oil Pressure
292	820662		COLLAR, Dipstick Tube
415	820051		PLUG -(Cylinder)
508	820031		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
718A	820062		PIN, Locating
718B	820061		PIN, Locating
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
3	821071	Seal-Oil (Magnetor Side)	276	820064	Washer-Sealing (Rocker Cover)	1022	820150	Gasket-Rocker Cover
7	820650	Gasket-Cylinder Head	276C	820582	Washer-Sealing (Oil Drain Plug) (16 mm)	1041	820104	Gasket-Oil Pump Screen
20	821073	Seal-Oil (PTO Side)	----- Note -----			1062	820093	Gasket-Outlet Housing
51	820087	Gasket-Intake (Intake Manifold)		820049	Washer-Sealing (Oil Drain Plug) (12 mm)	1065	820098	Gasket-Inlet Housing
51A	820385	Gasket-Intake	358	825378	Gasket Set-Engine	1067	820100	Gasket-Water Pump
88	820148	Gasket-Gear Reduction Cover	691	820054	Seal-Governor Shaft	1078	820137	Gasket-Oil Pan
88A	820155	Gasket-Gear Reduction Cover	868	820041	Seal-Valve	1080	820145	Gasket-Seal Retainer
			883	820817	Gasket-Exhaust (Exhaust Manifold)	1084	825154	Connector-Terminal
			883A	821001	Gasket-Exhaust (Muffler)	1084A	825155	Connector-Terminal
						1084B	825156	Connector-Terminal
						1084C	825157	Connector-Terminal
						1084D	825158	Connector-Terminal
						1084E	825162	Connector-Terminal
						1084F	825163	Connector-Terminal
						1084G	825160	Connector-Terminal
						1095	825379	Gasket Set-Valve

Engine/Valve Gasket Sets, Terminal Connectors

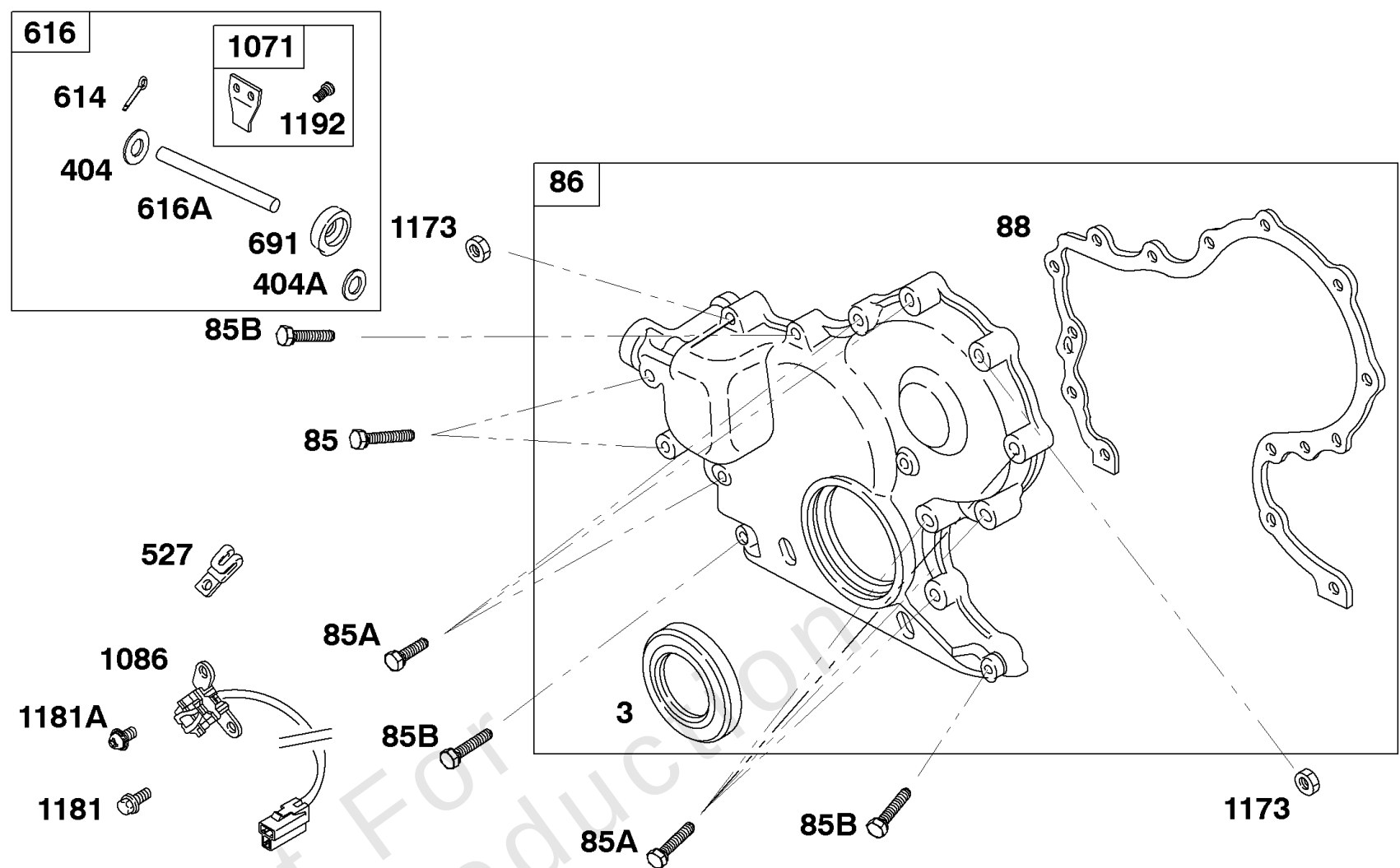
REF NO	PART NO	QTY	DESCRIPTION
3	821071		SEAL, Oil -(Magneto Side)
7	820650		GASKET, Cylinder Head
20	821073		SEAL, Oil -(PTO Side)
51	820087		GASKET, Intake -(Intake Manifold)
51A	820385		GASKET, Intake
88	820148		GASKET, Gear Cover/Housing
88A	820155		GASKET, Gear Cover/Housing
276	820064		WASHER, Sealing -(Rocker Cover)
276C	820049		WASHER, Sealing -(Oil Drain Plug)(12 mm)
276C	820582		WASHER, Sealing -(Oil Drain Plug)(16mm)
358	825378		GASKET SET, Engine
691	820054		SEAL, Governor Shaft
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
1084F	825163		CONNECTOR, Terminal
1084G	825160		CONNECTOR, Terminal
1084B	825156		CONNECTOR, Terminal
1084C	825157		CONNECTOR-TERMINAL
1084D	825158		CONNECTOR, Terminal
1084E	825162		CONNECTOR, Terminal
1095	825379		GASKET SET, Valve



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	825261	Manifold-Intake	654	820011	Nut (Carburetor)	1011	820184	Tube-Vent
51	820087	Gasket-Intake (Intake Manifold)	855	820921	Adaptor-Air Cleaner (Perpendicular to Crankshaft)	1061	820090	Cover-Outlet (Used Before Code Date 01080100).
53	820861	Stud (Carburetor)	855A	820161	Adaptor-Air Cleaner (Parallel to Crankshaft)	1112	820543	Plug-Vent (Intake Manifold)
54	820031	Screw (Intake Manifold)	883	820817	Gasket-Exhaust (Exhaust Manifold)	1174	820069	Nut (Intake Manifold)
296	820553	Stud (Muffler)	883A	821001	Gasket-Exhaust (Muffler)	1175	820034	Screw (Outlet Cover)
436	825055	Manifold-Exhaust				1176	820010	Nut (Exhaust Manifold)
						1177	820178	Nut (Muffler)

Exhaust Manifold, Intake Manifold, A/C Adaptors

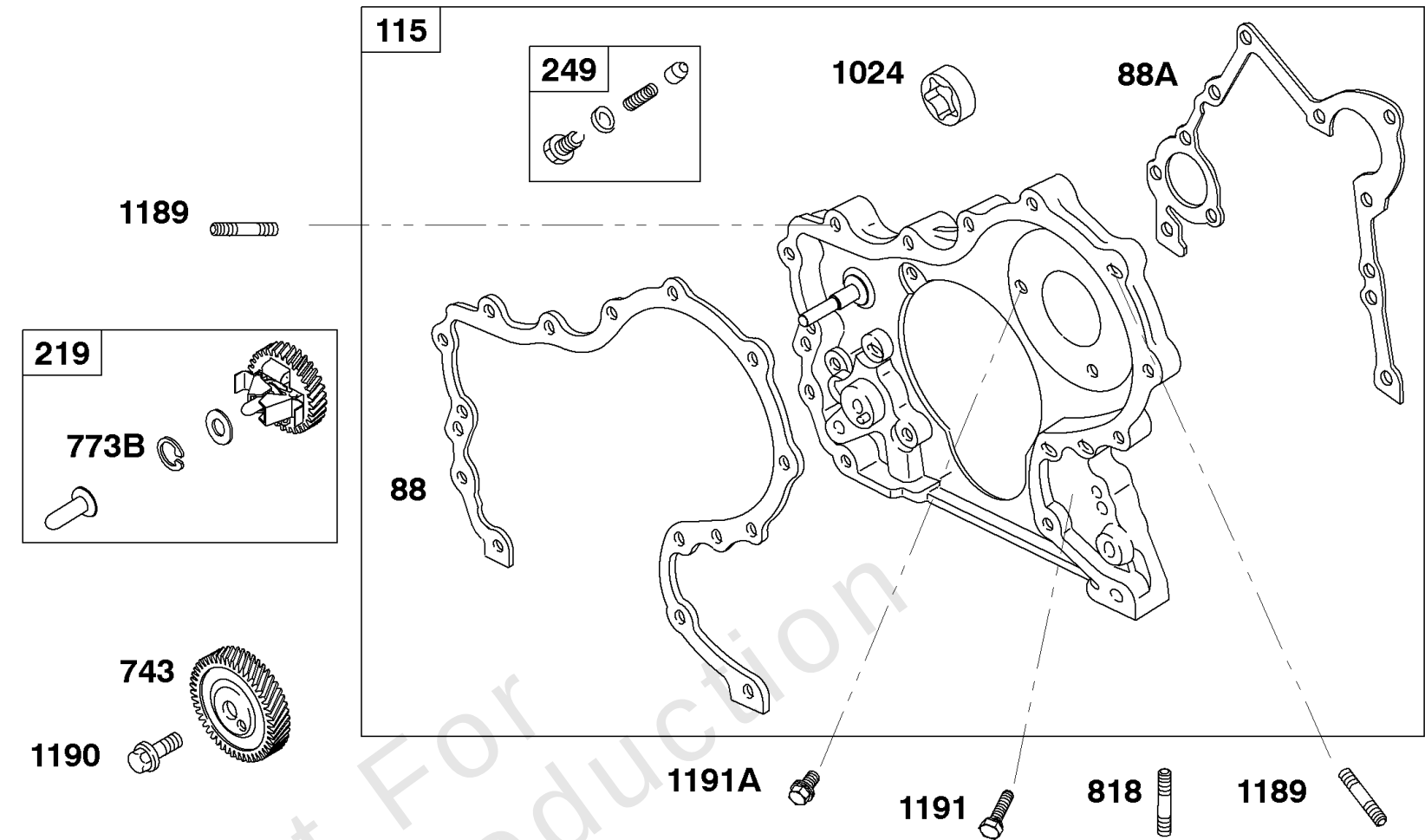
REF NO	PART NO	QTY	DESCRIPTION
50	825261		MANIFOLD, Intake
51	820087		GASKET, Intake -(Intake Manifold)
53	820861		STUD -(Carburetor)
54	820031		SCREW -(Intake Manifold)
296	820553		STUD -(Muffler)
309	825095		MOTOR, Starter -(0.8KW)
436	825055		MANIFOLD, Exhaust
654	820011		NUT -(Carburetor)
855	820921		ADAPTER, Air Cleaner -(Perpendicular To Crankshaft)
855A	820161		ADAPTER, Air Cleaner -(Parallel to Crankshaft)
883	820817		GASKET, Exhaust -(Exhaust Manifold)
883A	821001		GASKET, Exhaust -(Muffler)
1011	820184		TUBE, Vent
1061	820090		COVER, Outlet
1112	820543		PLUG, Vent -(Intake Manifold)
1174	820069		NUT -(Intake Manifold)
1175	820034		SCREW -(Outlet Cover)
1176	820010		NUT -(Exhaust Manifold)
1177	820178		NUT -(Muffler)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	821071	Seal-Oil (Magneto Side)	86	825046	Cover-Gear	1071	825086	Governor Paddle
85	820026	Screw (Gear Cover to Gear Reduction Case)	88	★820148	Gasket-Gear Reduction Cover	1086	825009	Trigger-Ignition
85A	820029	Screw (Gear Cover to Gear Reduction Case)	404	820167	Washer (Governor Crank)	1173	820069	Nut (Gear Cover)
85B	820027	Screw (Gear Cover to Gear Reduction Case)	404A	820169	Washer (Governor Crank)	1181	820029	Screw (Ignition Trigger)
			614	820168	Pin-Cotter	1181A	820013	Screw (Ignition Trigger)
			616	825087	Crank-Governor (Shaft)	1192	820166	Screw (Governor Paddle)
			616A	820165	Crank-Governor (Shaft)			
			691	820054	Seal-Governor Shaft			
			527	820047	Clamp-Tube			

Gear Cover, Ignition Trigger, Governor Crank

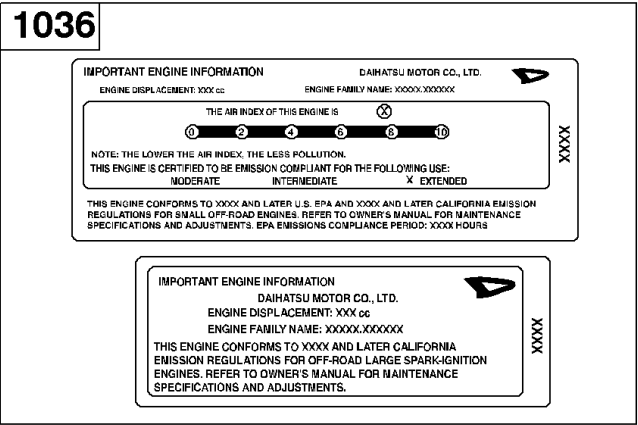
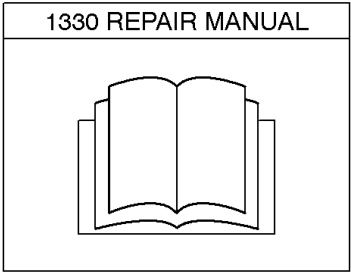
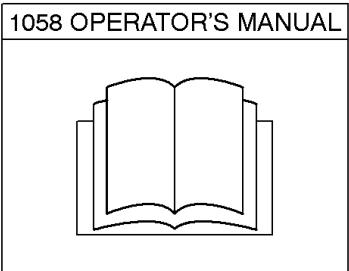
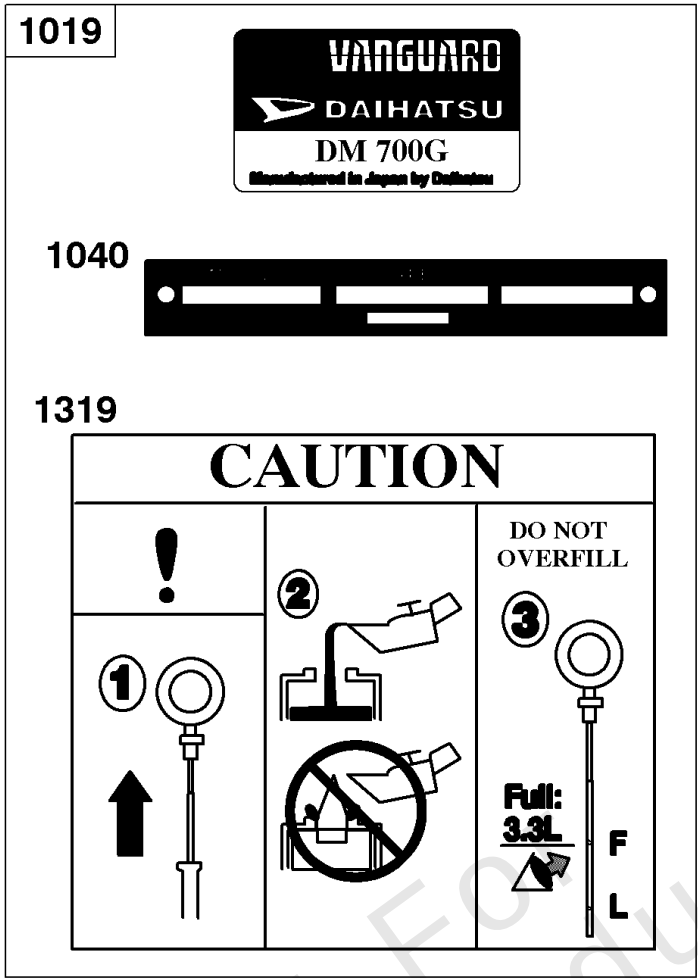
REF NO	PART NO	QTY	DESCRIPTION
3	821071		SEAL, Oil -(Magneto Side)
85	820026		SCREW -(Gear Cover to Gear Reduction Case)
85A	820029		SCREW -(Gear Cover to Gear Reduction Case)
85B	820027		SCREW -(Gear Cover to Gear Reduction Case)
86	825046		COVER, Gear
88	820148		GASKET, Gear Cover/Housing
404	820167		WASHER -(Governor Crank)
404A	820169		WASHER -(Governor Crank)
527	820047		CLAMP, Hose
614	820168		PIN, Cotter
616	825087		CRANK, Governor
616A	820165		CRANK, Governor -(Shaft)
691	820054		SEAL, Governor Shaft
1071	825086		PADDLE, Governor
1086	825009		TRIGGER, Ignition
1173	820069		NUT -(Gear Cover)
1181	820029		SCREW -(Ignition Trigger)
1181A	820013		SCREW -(Ignition Trigger)
1192	820166		SCREW -(Governor Paddle)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
88	820148	Gasket-Gear Reduction Cover	249	825032	Valve-Pressure Relief	1189	820156	Stud (Gear Housing)
88A	820155	Gasket-Gear Reduction Cover	743	820615	Gear-Drive (Used After Code Date 98123100).	1190	820180	Screw (Drive Gear)
115	825059	Housing-Gear	----- Note -----			1191	820030	Screw (Gear Housing)
219	825331	Gear-Governor (Right Helix) (Used After Code Date 98123100).	773B	820163	Retainer (Governor Gear)	1191A	820033	Screw (Gear Housing)
		----- Note -----	818	820016	Stud (Oil Pump Screen)			
		825085 Gear-Governor (Left Helix) (Used Before Code Date 99010100).	1024		Pump-Oil (Sold in Gear Housing Only, Reference 115)			

Gear Housing, Governor Gear

REF NO	PART NO	QTY	DESCRIPTION
88	820148		GASKET, Gear Cover/Housing
88A	820155		GASKET, Gear Cover/Housing
115	825059		HOUSING, Gear
219	825331		GEAR, Governor -(Right Helix) -Used After Code Date 98123100
219	825085		GEAR, Governor -(Left Helix) -Used Before Code Date 99010100
249	825032		VALVE, Pressure Relief
743	820615		GEAR, Drive -Used After Code Date 98123100
743	820121		GEAR, Drive -Used Before Code Date 99010100
773B	820163		RETAINER -(Governor Gear)
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
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 Kit, Repair Manual, Operator Manual, Emissions

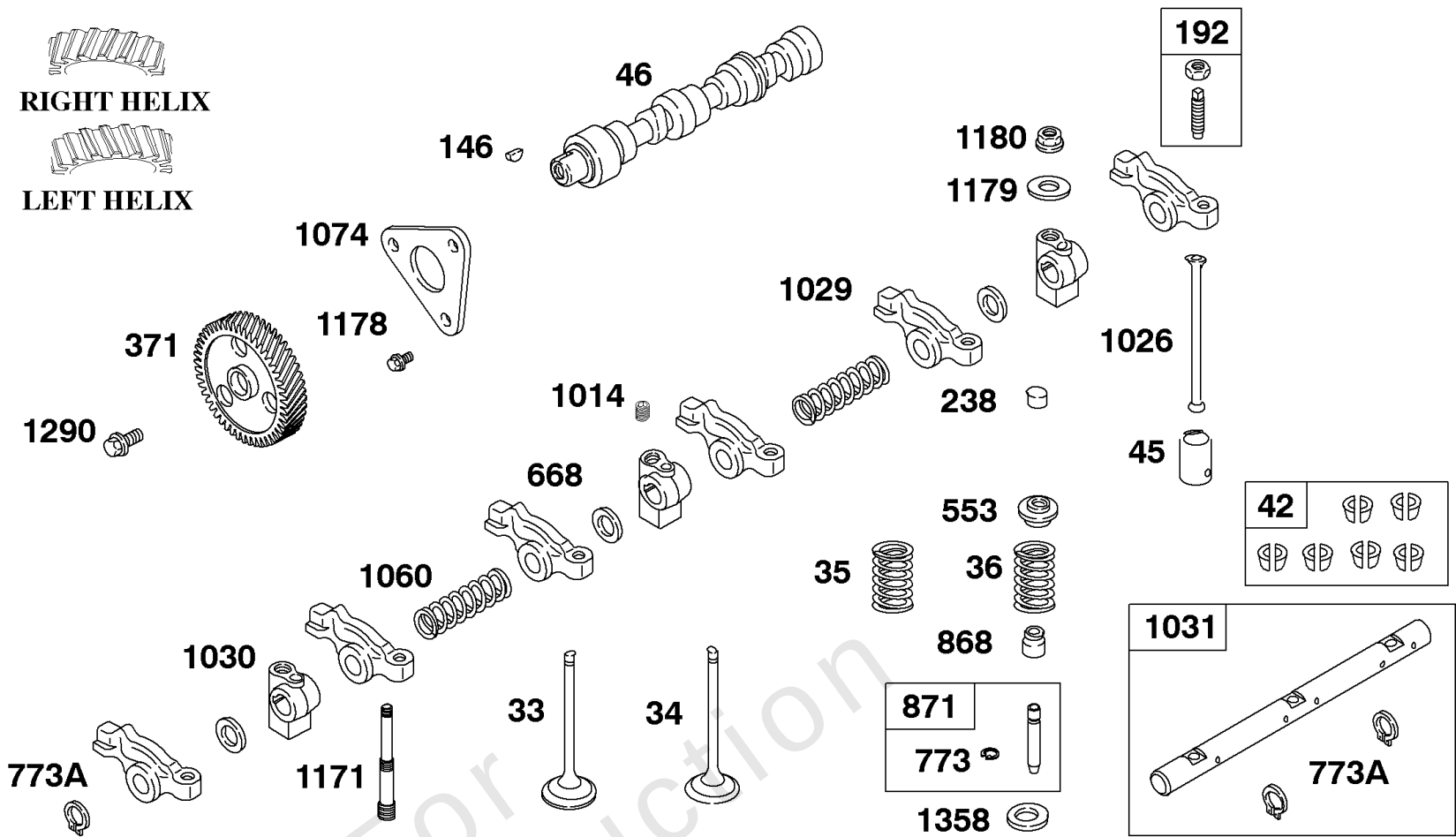
REF NO	PART NO	QTY	DESCRIPTION
1019	825617		KIT, Label
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1040	820290		PLATE, Trim
1058	820883		MANUAL, Operator's
1319	821160		LABEL, Warning
1330	MS0750		MANUAL, Repair

Not For Reproduction

Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
	4304470105	1	Replacement Engine
	-----		Top No-Load Speed: 3200 -Trim: ALL

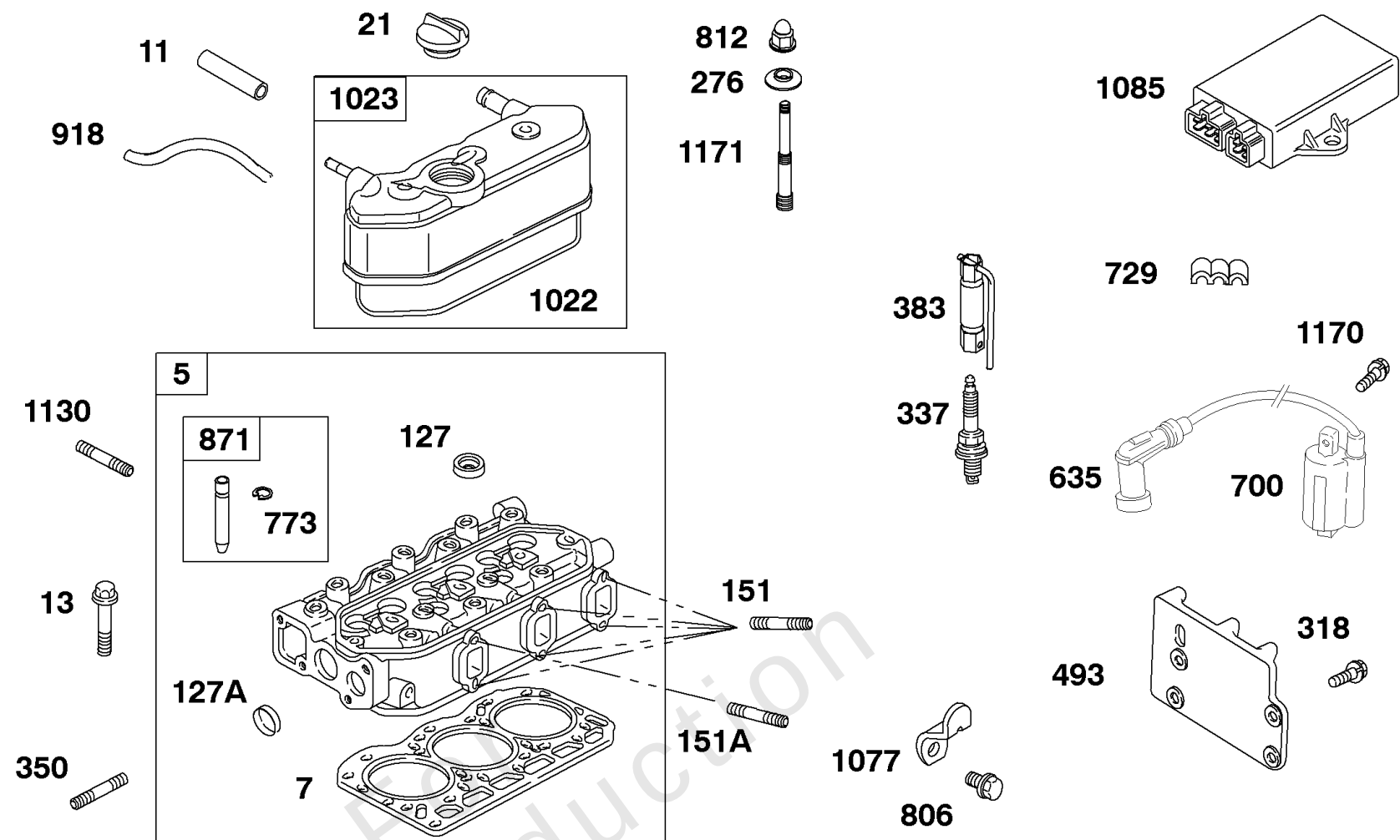
Not For Reproduction



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
33	820114	Valve-Exhaust	371	820613	Gear-Cam (Right Helix)	1029	820387	Arm-Rocker
34	820115	Valve-Intake			(Used After Code Date 98123100).	1030	820106	Support-Rocker Arm
35	820406	Spring-Valve (Intake)			----- Note -----	1031	825093	Shaft-Rocker Arm
36	820406	Spring-Valve (Exhaust)			820119 Gear-Cam (Left Helix)	1060	820044	Spring-Rocker Shaft
42	825082	Keeper-Valve			(Used Before Code Date 99010100).	1074	820118	Retainer-Camshaft
45	820110	Tappet-Valve				1171	820076	Stud (Rocker Cover)
46	820388	Camshaft				1178	820032	Screw (Camshaft Retainer)
146	691639	Key-Timing	553	820111	Retainer-Valve Spring	1179	820177	Washer (Rocker Arm Support)
192	825688	Adjuster-Rocker Arm (Used After Code Date 04083100).	668	820065	Spacer (Rocker Arm Shaft)	1180	820070	Nut (Rocker Arm Support)
		----- Note -----	773	820130	Retainer (Valve Guide Bushing)	1290	820075	Screw (Cam Gear)
		825041 Adjuster-Rocker Arm (Used Before Code Date 04090100).	773A	820003	Retainer (Rocker Arm Shaft)	1358	820112	Seat-Valve Spring
238	821214	Cap-Valve (Used After Code Date 04083100).	868	820041	Seal-Valve			
		----- Note -----	871	825030	Bushing-Valve Guide			
		820113 Cap-Valve (Used Before Code Date 04090100).	1014	820105	Screw (Rocker Arm Support)			
			1026	821216	Rod-Push (Used After Code Date 04083100).			
					----- Note -----			
					820109 Rod-Push (Used Before Code Date 04090100).			

Rocker Arm Shaft, Camshaft

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	825688		ADJUSTER, Rocker Arm -Used After Code Date 04083100
192	825041		ADJUSTER, Rocker Arm -Used Before Code Date 04090100
238	821214		CAP, Valve -Used After Code Date 04083100
238	820113		CAP, Valve -Used Before Code Date 04090100
371	820613		GEAR, Cam -(Right Helix) -Used After Code Date 98123100
371	820119		GEAR, Cam -(Left Helix) -Used Before Code Date 99010100
553	820111		RETAINER, Valve
668	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
1171	820076		STUD -(Rocker Cover)
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

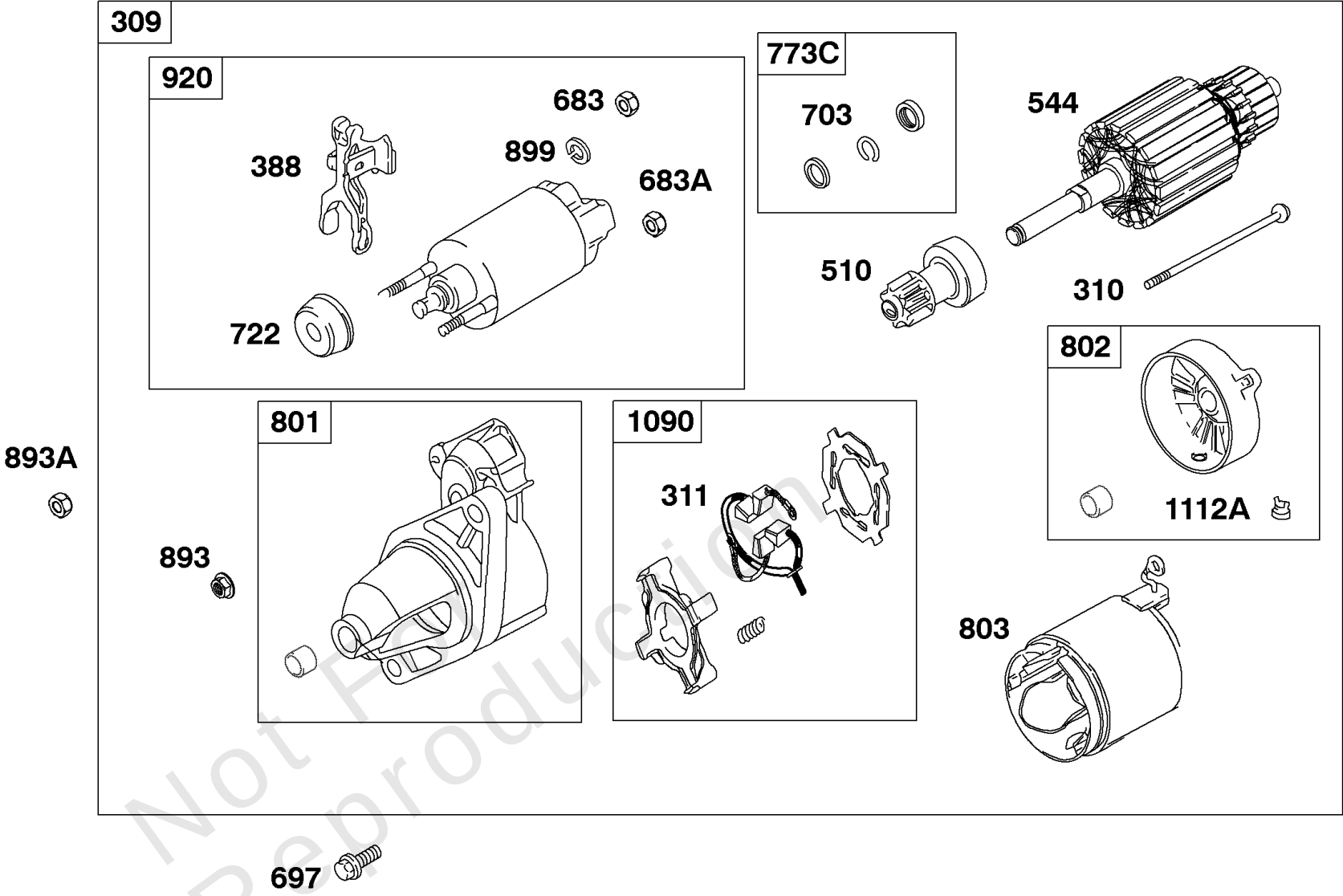


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	825681	Head-Cylinder	151	820014	Stud (Exhaust Manifold)	918	820393	Hose-Vacuum (Valve Cover to Intake Manifold)
7	820650	Gasket-Cylinder Head	151A	820466	Stud (Exhaust Manifold)	1022	820150	Gasket-Rocker Cover
11	820048	Tube-Breather	276	820064	Washer-Sealing (Rocker Cover)	1023	825277	Cover-Rocker (Order Reference 1019, Label Kit, Reference 1036, Emissions Label, for your Model, Type, Trim with Engine Date Code)
13	820623	Screw (Cylinder Head) (9 mm) (Used After Code Date 98123100).	318	820024	Screw (Mounting Bracket)	1077	820260	Bracket-Lifting
		----- Note -----	337	491055S	Plug-Spark	1085	821082	Module-Ignition
		820074 Screw (Cylinder Head) (8 mm) (Used Before Code Date 99010100).	350	820078	Stud (Water Pump)	1130	820015	Stud (Intake Manifold)
21	825024	Cap-Oil Fill	383	19374	Wrench-Spark Plug	1170	820012	Screw (Ignition Coil)
127	820004	Plug-Welch	493	820083	Bracket-Mounting	1171	820076	Stud (Rocker Cover)
127A	820005	Plug-Welch	635	820084	Boot-Spark Plug			
			700	820037	Coil-Ignition			
			729	820672	Clip-Wire			
			773	820130	Retainer (Valve Guide Bushing)			
			806	820024	Screw (Lifting Bracket)			
			812	820071	Nut (Rocker Cover)			
			871	825030	Bushing-Valve Guide			

Rocker Cover, Cylinder Head, Ignition Module, Coil

REF NO	PART NO	QTY	DESCRIPTION
5	825681		HEAD, Cylinder
7	820650		GASKET, Cylinder Head
11	820048		TUBE, Breather
13	820074		SCREW -(Cylinder Head) (8 mm) -Used Before Code Date 99010100
13	820623		SCREW -(Cylinder Head) (9 mm) -Used After Code Date 98123100
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)
337	491055S		PLUG, Spark
337	84007216		PLUG, SPARK -(China Only)
350	820078		STUD -(Water Pump)
383	19374S		WRENCH, Spark Plug
493	820083		BRACKET, Mounting
635	820084		BOOT, Spark Plug
700	820037		COIL, Ignition
729	820672		CLIP-WIRE
773	820130		RETAINER -(Valve Guide Bushing)
806	820024		SCREW -(Lifting Bracket)
812	820071		NUT -(Rocker Cover)
871	825030		BUSHING, Valve Guide
918	820393		HOSE, Vacuum -(Valve Cover to Intake Manifold)
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
1085	821082		MODULE, Ignition
1130	820015		STUD -(Intake Manifold)
1170	820012		SCREW -(Ignition Coil)
1171	820076		STUD -(Rocker Cover)

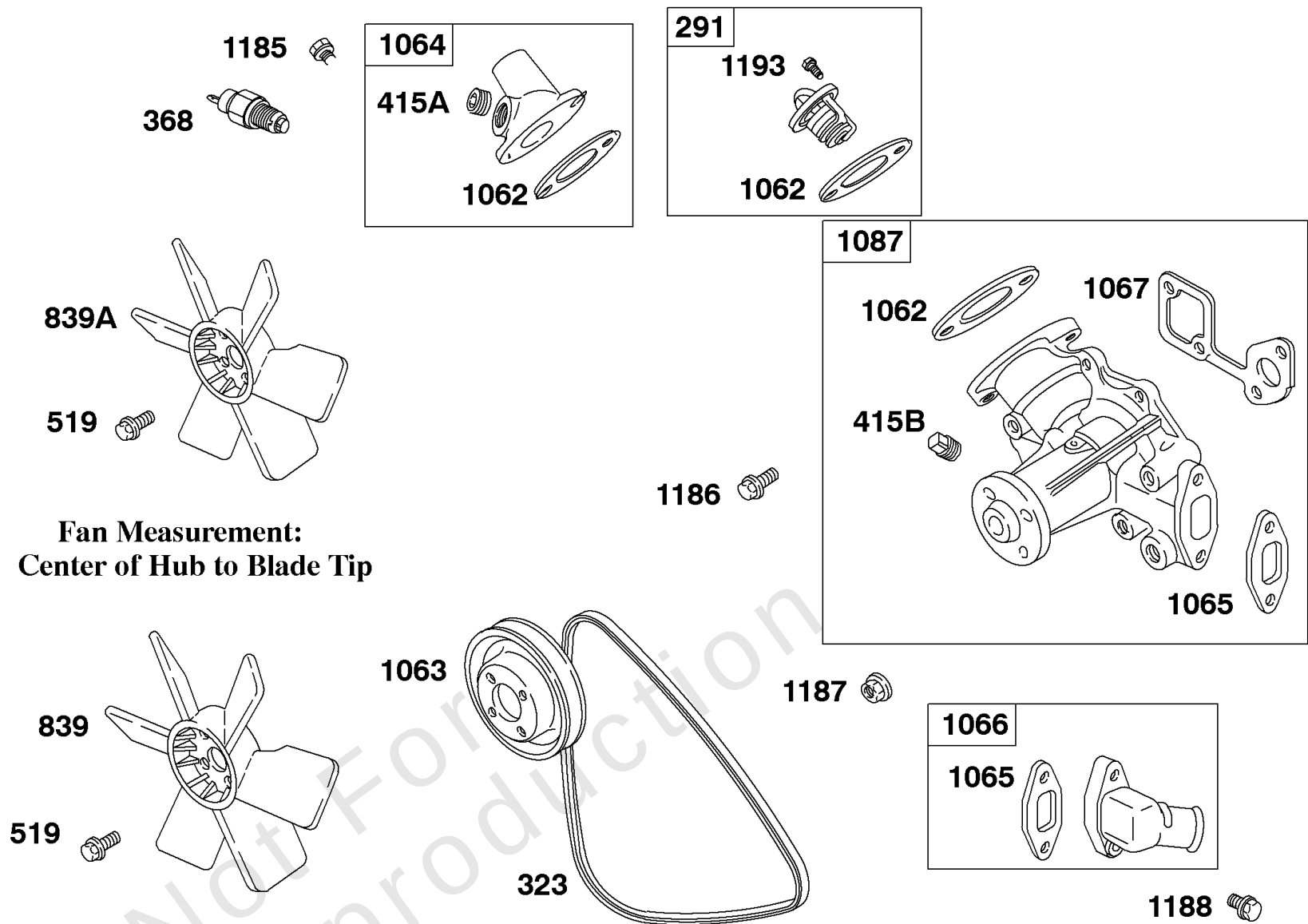
0.8 KW RED LABEL



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
309	825095	Motor-Starter	703	820803	Clip (Brush Retainer)	899	820811	Washer (Starter Solenoid) (Terminal)
310	820807	Screw (Starter Motor)	722	820801	Seal-Plunger	920	825418	Solenoid-Starter
311	825411	Brush Set	773C	825420	Retainer	1090	825412	Retainer-Brush
388	820799	Lever-Pinion Drive	801	820791	Cap-Drive	1112A	820797	Plug-Vent (End Cap)
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) (Terminal)			
683A	820809	Nut (Starter Solenoid) (Terminal)	893A	820067	Nut (Starter Solenoid) (Terminal)			
697	820451	Screw (Drive Cap)						

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)
697	820451		SCREW -(Drive Cap)
703	820803		CLIP -(Brush Retainer)
722	820801		SEAL, Plunger
773C	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) (Terminal)
920	825418		SOLENOID, Starter
1090	825412		RETAINER-BRUSH
1112A	820797		PLUG, Vent -(End Cap)



Fan Measurement:
Center of Hub to Blade Tip

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
291	825064	Thermostat	839	820096	Fan-Radiator (270 mm)	1185	820031	Screw (Outlet Housing)
323	820239	Belt-Vee	839A	825076	Fan-Radiator (290 mm)	1186	820022	Screw (Water Pump)
368	820208	Switch-Water Temperature	1062	★820093	Gasket-Outlet Housing	1187	820181	Nut (Water Pump)
415A	820052	Plug (Outlet Housing)	1063	820095	Pulley-Pump	1188	820031	Screw (Inlet Housing)
415B	820182	Plug (Water Pump)	1064	825074	Housing-Outlet	1193	820185	Screw (Thermostat)
519	820034	Screw (Radiator Fan)	1065	820098	Gasket-Inlet Housing			
			1066	825051	Housing-Inlet			
			1067	820100	Gasket-Water Pump			
			1087	825275	Pump-Water			

Vee Belt, Radiator Fan, Water Pump

REF NO	PART NO	QTY	DESCRIPTION
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)
839	820096		FAN, Radiator -(270 mm)
839A	825076		FAN, Radiator -(290 mm)
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
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)

