

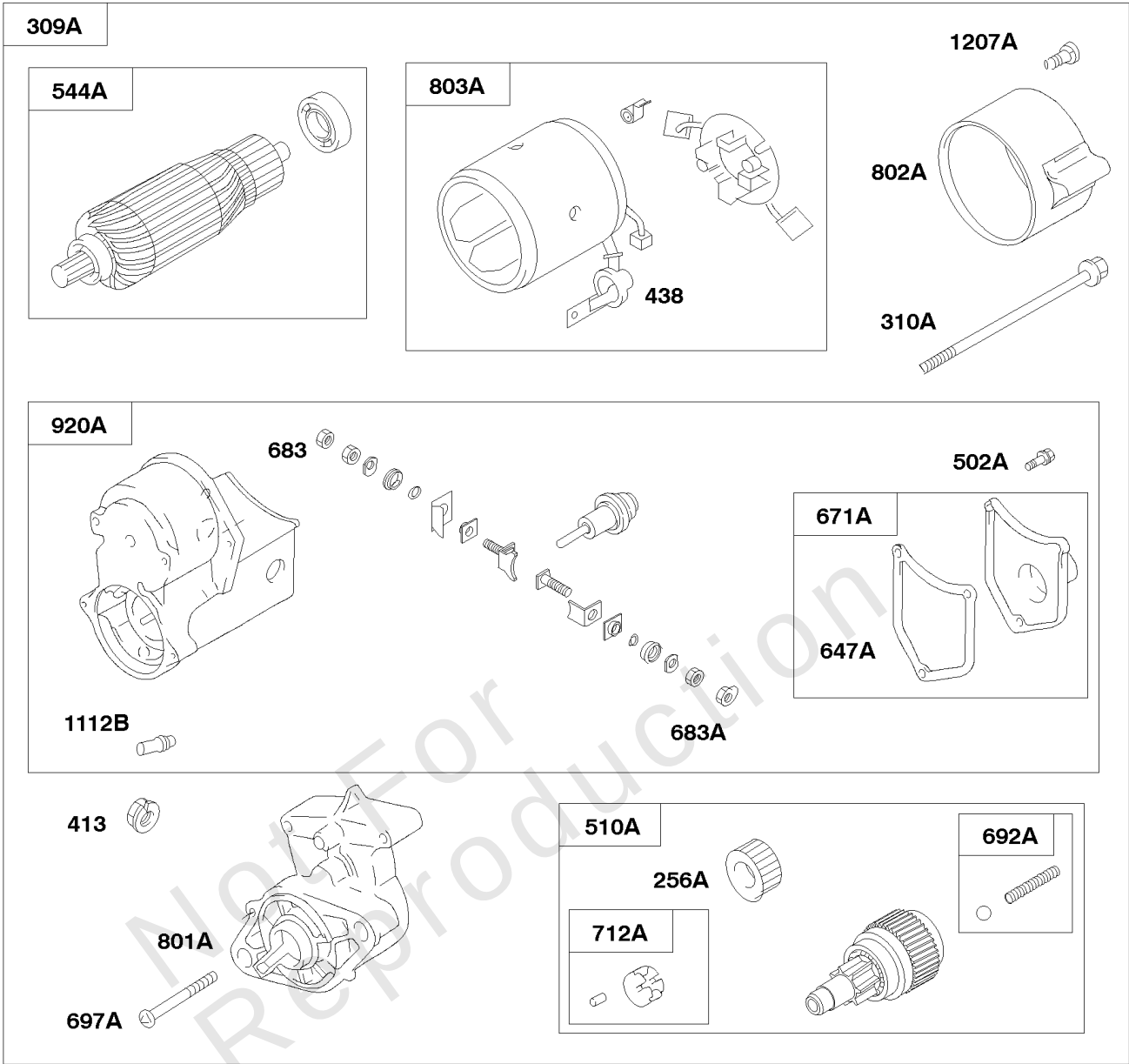


Parts Manual

Mfg. No: 58A447-0201-E2

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1.0 KW GREEN/BLUE LABEL

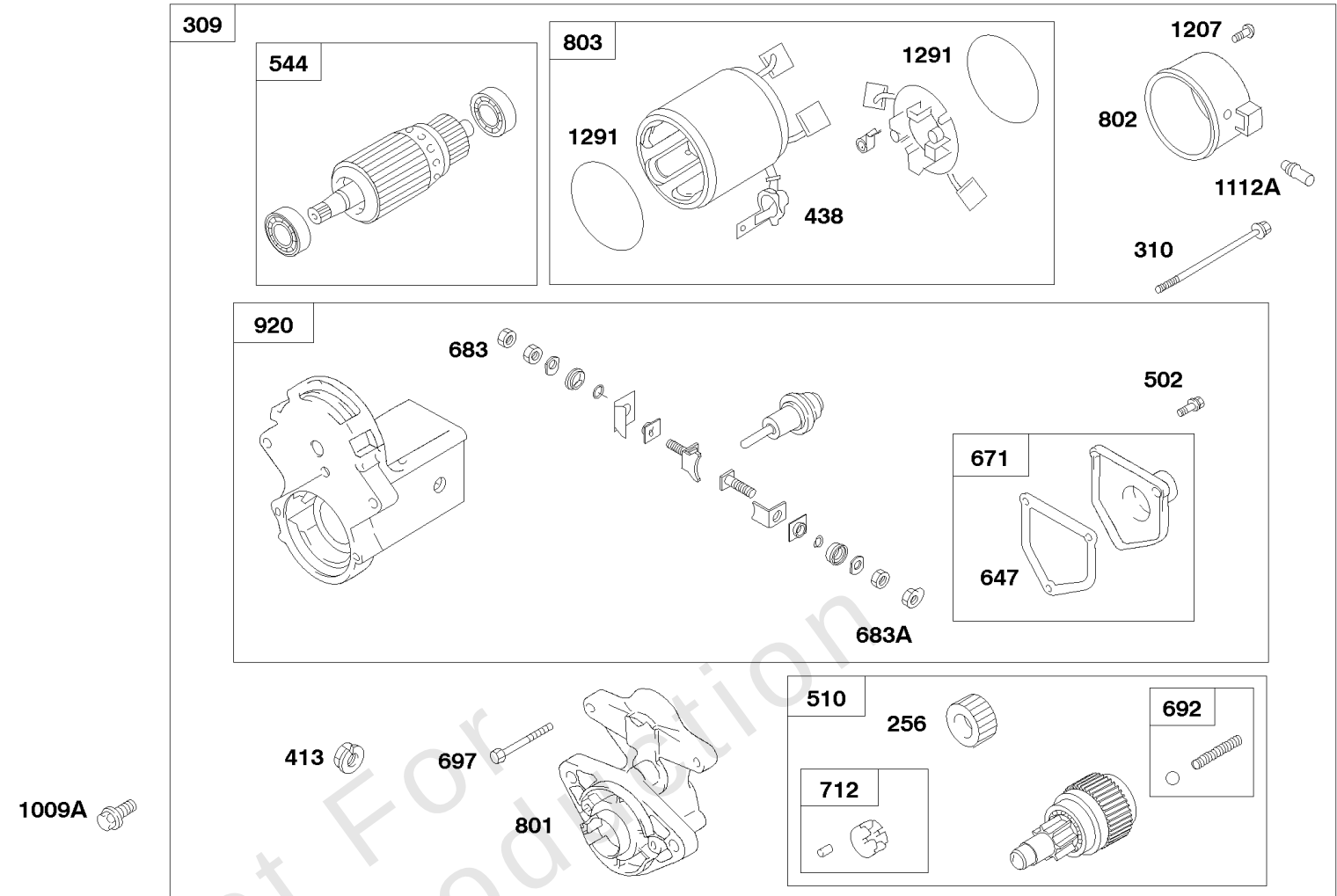


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
256A	820745	Gear-Starter Drive	510A	825394	Drive-Starter	801A	825396	Cap-Drive
309A		Motor-Starter	544A	825392	Armature-Starter	802A	820743	Cap-End
		(For Replacement	647A	820733	Gasket-	803A	825399	Housing-Starter
		Starter Motor, Order			Solenoid Cover	892	692318	Switch-Key
		Reference 309)	671A	825400	Cover-Solenoid	920A	825398	Solenoid-Starter
310A	820755	Bolt	683	820723	Nut	1009A	820019	Screw
		(Starter Motor)			(Starter Solenoid)			(Starter Motor)
413	820067	Nut			(Terminal)	1082	820455	Relay-Starter
		(Starter Motor)	683A	820721	Nut	1112B	820737	Plug-Vent
438	820725	Boot-Terminal			(Starter Solenoid)			(Starter Solenoid)
502A	820739	Screw			(Terminal)	1207A	820754	Screw
		(Solenoid Cover)	692A	825425	Spring-Detent			(End Cap)
			697A	820751	Screw			
					(Drive Cap)			

1.0 Kw Starter Motor Green/Blue Label

REF NO	PART NO	QTY	DESCRIPTION
256A	820745		GEAR, Starter Drive
309A	-----		Motor-Starter -(For Replacement Starter Motor, Order Reference 309)
310A	820755		SCREW -(Starter Motor)
413	820067		NUT -(Starter Motor)
438	820725		BOOT, Terminal
502A	820739		SCREW -(Solenoid Cover)
510A	825394		DRIVE, Starter
544A	825392		ARMATURE, Starter
647A	820733		GASKET, Solenoid Cover
671A	825400		COVER, Solenoid
683	820723		NUT -(Starter Solenoid) (Terminal)
683A	820721		NUT -(Starter Solenoid) (Terminal)
692A	825425		SPRING, Detent
697A	820751		SCREW -(Drive Cap)
712A	825424		ROLLER, Clutch
801A	825396		CAP, Drive
802A	820743		CAP, End
803A	825399		HOUSING, Starter
892	692318		SWITCH, Key
920A	825398		SOLENOID, Starter
1009A	820019		SCREW -(Starter Motor)
1082	820455		RELAY, Starter
1112B	820737		PLUG, Vent -(Starter Solenoid)
1207A	820754		SCREW -(End Cap)

1.2 KW PURPLE/BROWN LABEL



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION			
256	820767	Gear-Starter Drive	683	820723	Nut (Starter Solenoid) (Terminal)	802	821231	Cap-End (Used After Code Date 05022800).			
309	825700	Motor-Starter	683A	820721	Nut (Starter Solenoid) (Terminal)	----- Note -----					
310	820773	Bolt (Starter Motor)		820771	Cap-End (Used Before Code Date 05030100).						
413	820067	Nut (Starter Motor)									
438	820725	Boot-Terminal	692	825402	Spring-Detent	803	825423	Housing-Starter			
502	820763	Screw (Solenoid Cover)	697	820777	Screw (Drive Cap)		920	825702	Solenoid-Starter (Used After Code Date 05022800).		
510	825406	Drive-Starter	712	825401	Roller-Clutch		----- Note -----				
544	825404	Armature-Starter	801	821228	Cap-Drive (Used After Code Date 05022800).	1009A	820019	Screw (Starter Motor)			
647	820719	Gasket-Solenoid Cover	----- Note -----						1112A	820779	Plug-Vent (End Cap)
671	825703	Cover-Solenoid (Used After Code Date 05022800).	825408	Cap-Drive (Used Before Code Date 05030100).	1207				820775	Screw (End Cap)	
----- Note -----											
825422 Cover-Solenoid (Used Before Code Date 05030100).											

1.2 Kw Starter Motor Purple/Brown Label

REF NO	PART NO	QTY	DESCRIPTION
256	820767		GEAR, Starter Drive
309	825700		MOTOR, Starter -(1.2 KW)(Purple/Brown Label)
310	820773		SCREW -(Starter Motor)
413	820067		NUT -(Starter Motor)
438	820725		BOOT, Terminal
502	820763		SCREW -(Solenoid Cover)
510	825406		DRIVE, Starter
544	825404		ARMATURE, Starter
647	820719		GASKET, Solenoid Cover
671	825422		COVER, Solenoid -Used Before Code Date 05030100
671	825703		COVER, Solenoid -Used After Code Date 05022800
683	820723		NUT -(Starter Solenoid) (Terminal)
683A	820721		NUT -(Starter Solenoid) (Terminal)
692	825402		SPRING, Detent
697	820777		SCREW -(Drive Cap)
712	825401		ROLLER, Clutch
801	821228		CAP, Drive -Used After Code Date 05022800
801	825408		CAP, Drive -Used Before Code Date 05030100
802	820771		CAP, End -Used Before Code Date 05030100
802	821231		CAP, End -Used After Code Date 05022800
803	825423		HOUSING, Starter
920	825410		SOLENOID, Starter -Used Before Code Date 05030100
920	825702		SOLENOID, Starter -Used After Code Date 05022800
1009A	820019		SCREW -(Starter Motor)
1112A	820779		PLUG, Vent -(End Cap)
1207	820775		SCREW -(End Cap)
1291	820769		SEAL, O-Ring -(Starter Housing) (Starter Housing)

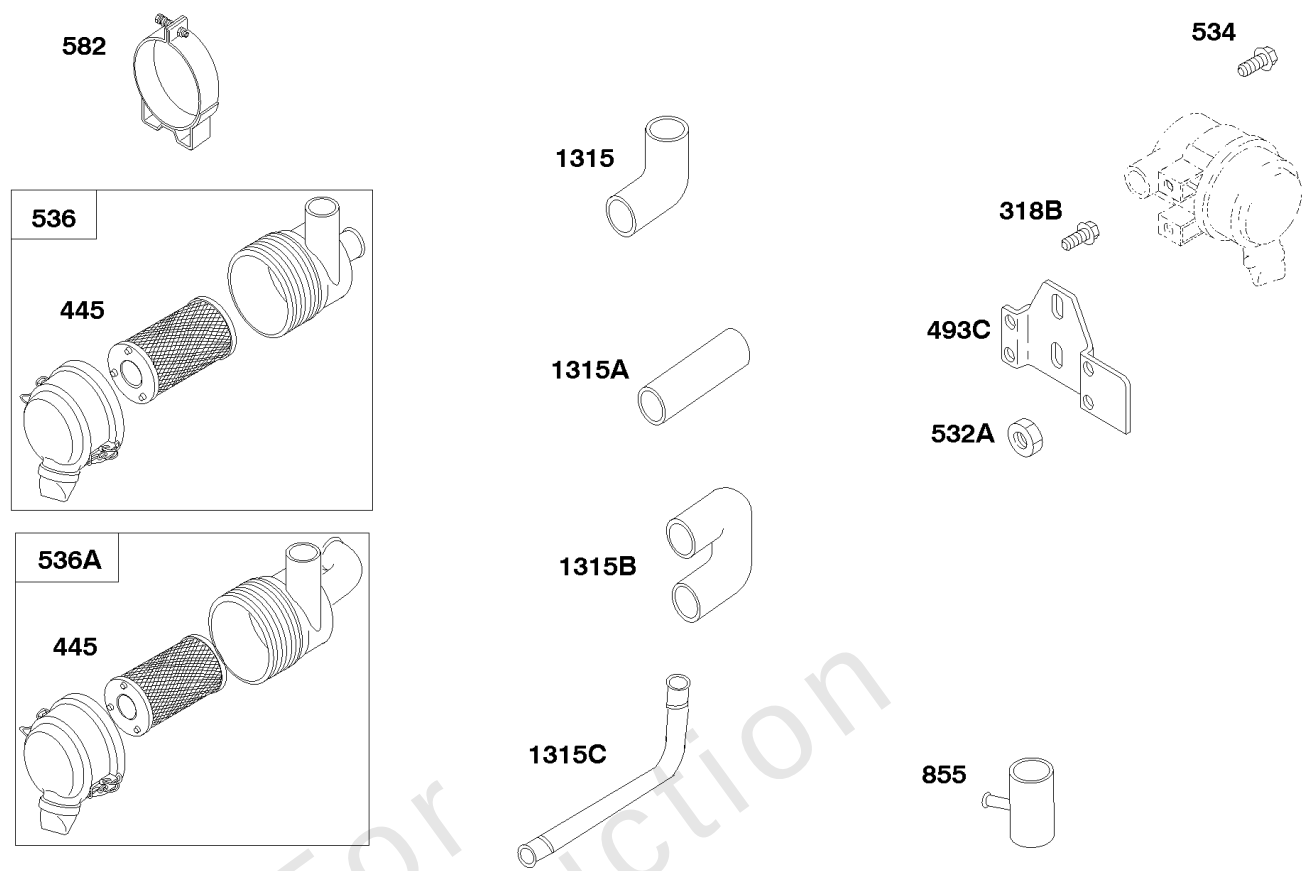
This diagram illustrates the assembly of a mechanical component, likely a pump or motor housing, showing various sub-assemblies and individual parts. The components are labeled with numbers:

- 474**: Bolt at the top left.
- 530**: Main assembly box at the top left.
- 1010A**: Sub-assembly box within the 530 box.
- 1307**: Bolt pointing to the 1010A sub-assembly.
- 699**: Sub-assembly box at the top right.
- 1201**: Bolt to the right of the 699 sub-assembly.
- 1203**: Small bolt in the center.
- 379**: Sub-assembly box to the right of the center.
- 501**: Sub-assembly box below 379.
- 526**: Bolt to the right of 501.
- 501**: Sub-assembly box below 501.
- 1090**: Sub-assembly box below 501.
- 1202**: Bolt to the right of 1090.
- 1202A**: Bolt below 1202.
- 312**: Main housing component in the center.
- 475**: Sub-assembly box above 312.
- 1205**: Bolt below 475.
- 606**: Bolt below 475.
- 1150**: Bolt below 606.
- 1119**: Bolt below 1150.
- 636**: Bolt below 312.
- 890C**: Bolt below 636.
- 652B**: Bolt below 890C.
- 1204**: Bolt to the left of 312.
- 314**: Bolt to the left of 1204.
- 668B**: Bolt to the left of 314.
- 19A**: Bolt at the bottom left.

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40 AMP Alternator

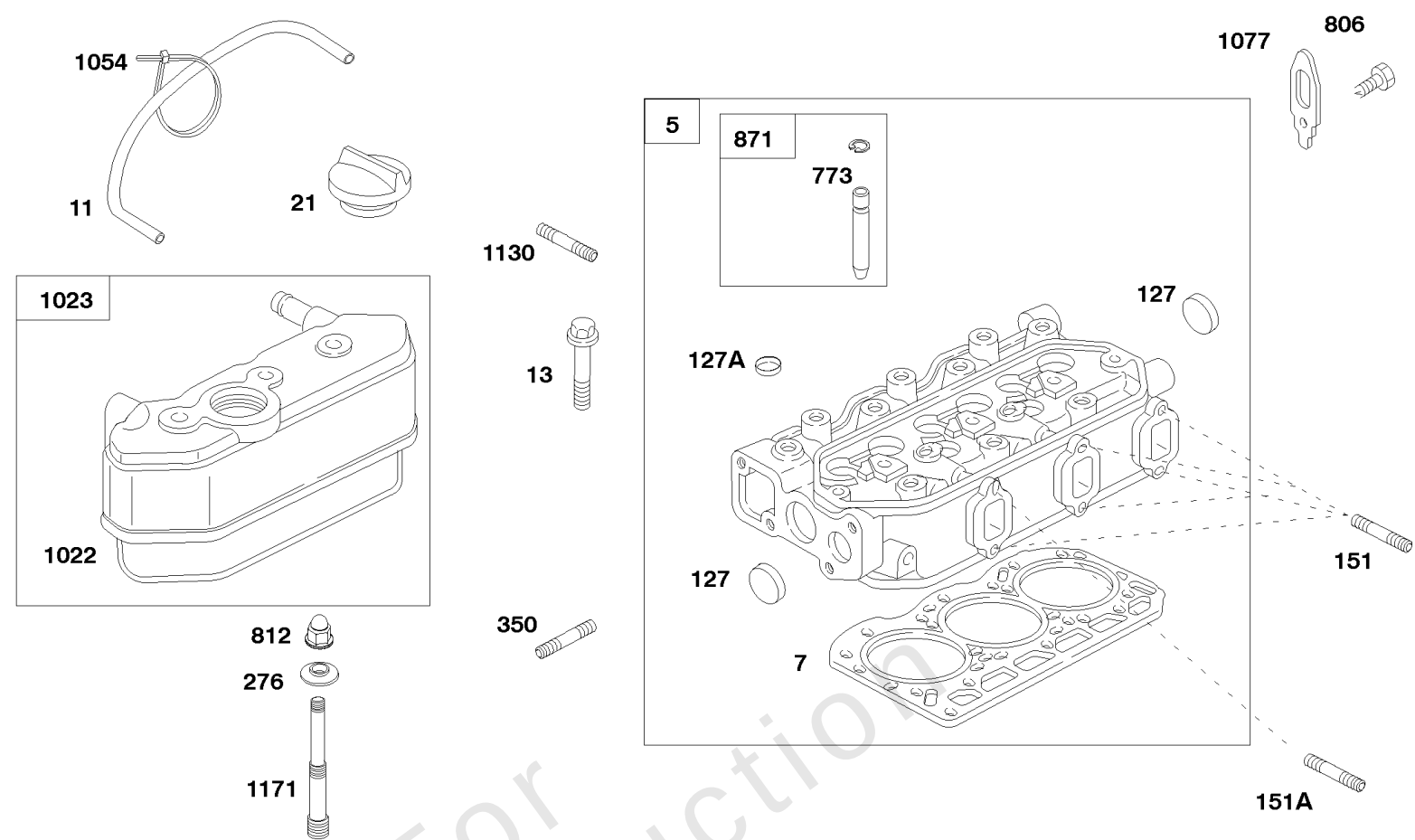
REF NO	PART NO	QTY	DESCRIPTION
312	820938		HOUSING, Brush End
314	820711		PULLEY, Alternator
379	820703		COVER, Brush
474	825524		ALTERNATOR -(40 Amp)
475	825385		RECTIFIER
501	825388		REGULATOR
526	820702		SCREW -(Regulator)
530	825526		HOUSING, Drive End
606	820819		STRAP, Adjusting
636	820069		NUT -(Starting Switch)
652B	820275		SCREW -(Support Bracket)
668B	820713		SPACER -(Alternator)
699	825390		ROTOR ASSEMBLY
890C	820213		BRACKET, Support
1010A	825384		RETAINER, Bearing
1090	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)
1307	820690		STUD -(Drive End Housing)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
318B	820212	Screw (Mounting Bracket)	534	820273	Screw (Air Cleaner)	1315	820554	Hose-Air Cleaner
445	820263	Filter-Air Cleaner Cartridge	536	825117	Cleaner-Air (Vacuum Adaptor)	1315A	820555	Hose-Air Cleaner
493C	820195	Bracket-Mounting (Air Cleaner)	536A	825118	Cleaner-Air (90 Degree Elbow)	1315B	820556	Hose-Air Cleaner
532A	820070	Nut (Mounting Bracket)	582	820230	Clamp-Air Cleaner	1315C	821253	Hose-Air Cleaner
			855	820942	Adapter-Air Cleaner			

Air Cleaner, Air Cleaner Hose

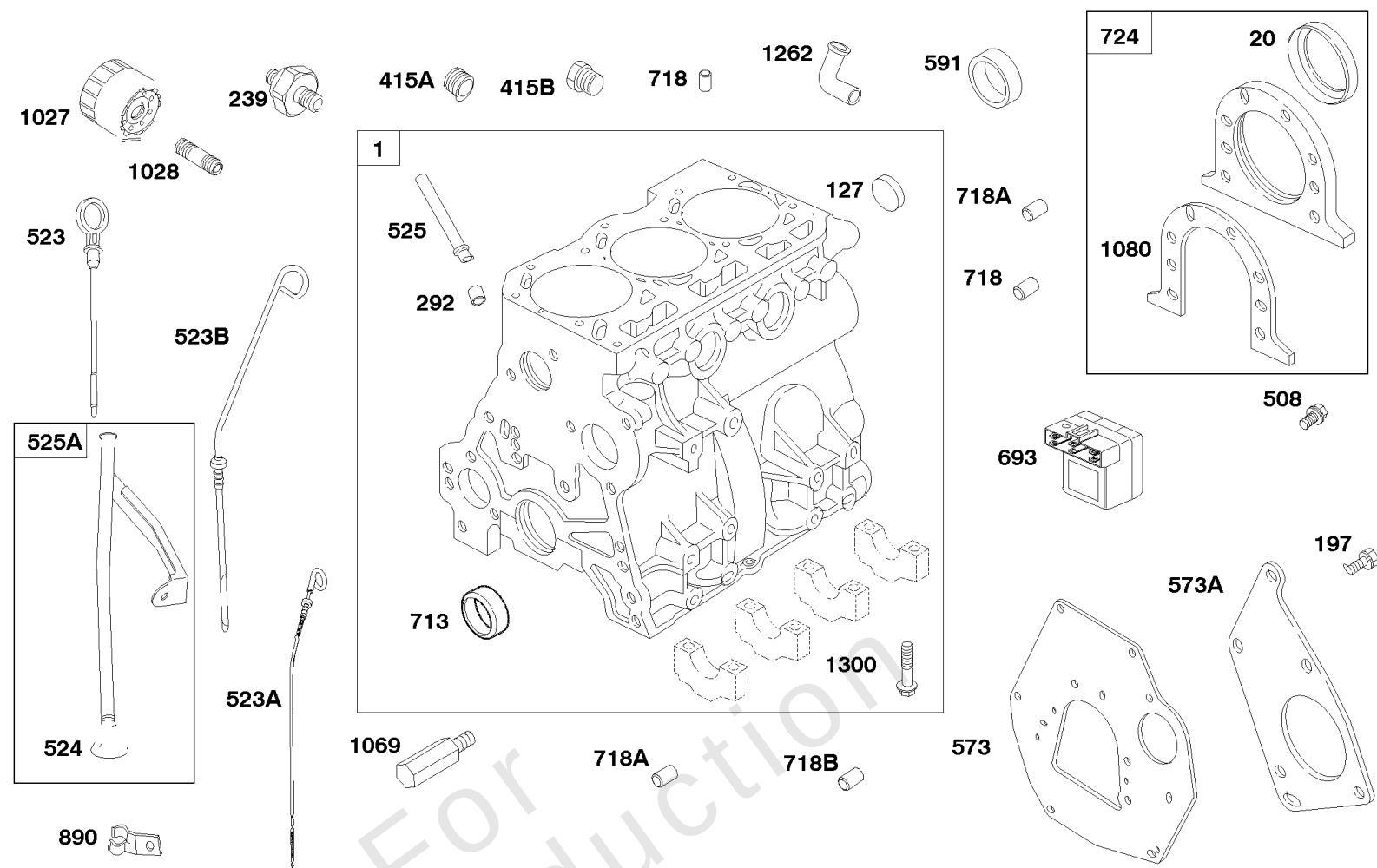
REF NO	PART NO	QTY	DESCRIPTION
318B	820212		SCREW -(Mounting Bracket)
445	820263		FILTER, A/C Cartridge
493C	820195		BRACKET, Mounting -(Air Cleaner)
532A	820070		NUT -(Mounting Bracket)
534	820273		SCREW -(Air Cleaner)
536	825117		CLEANER, Air -(Vacuum Adaptor)
536A	825118		CLEANER, Air -(90 Degree Elbow)
582	820230		CLAMP, Air Cleaner
855	820942		ADAPTER, Air Cleaner
1315	820554		HOSE, Air Cleaner
1315A	820555		HOSE, Air Cleaner
1315B	820556		HOSE, Air Cleaner
1315C	821253		HOSE, Air Cleaner



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	825685	Head-Cylinder	276	820064	Washer-Sealing (Rocker Cover)	1022	820150	Gasket-Rocker Cover
7	821270	Gasket-Cylinder Head	350	820078	Stud (Water Pump)	1023	825672	Cover-Rocker
11	820932	Tube-Breather (540mm)	773	820130	Retainer (Valve Guide Bushing)	1054	280275	Tie-Cable
13	820934	Screw (Cylinder Head) (10mm)	806	820212	Screw (Lifting Bracket)	1077	820254	Bracket-Lifting
21	825024	Cap-Oil Fill	812	820071	Nut (Rocker Cover)	1130	820015	Stud (Intake Manifold)
127	820004	Plug-Welch	871	825030	Bushing-Valve Guide	1171	820076	Stud (Rocker Cover)
127A	820005	Plug-Welch						
151	820997	Stud (Exhaust Manifold)						
151A	820999	Stud (Exhaust Manifold)						

Cylinder Head, Rocker Cover

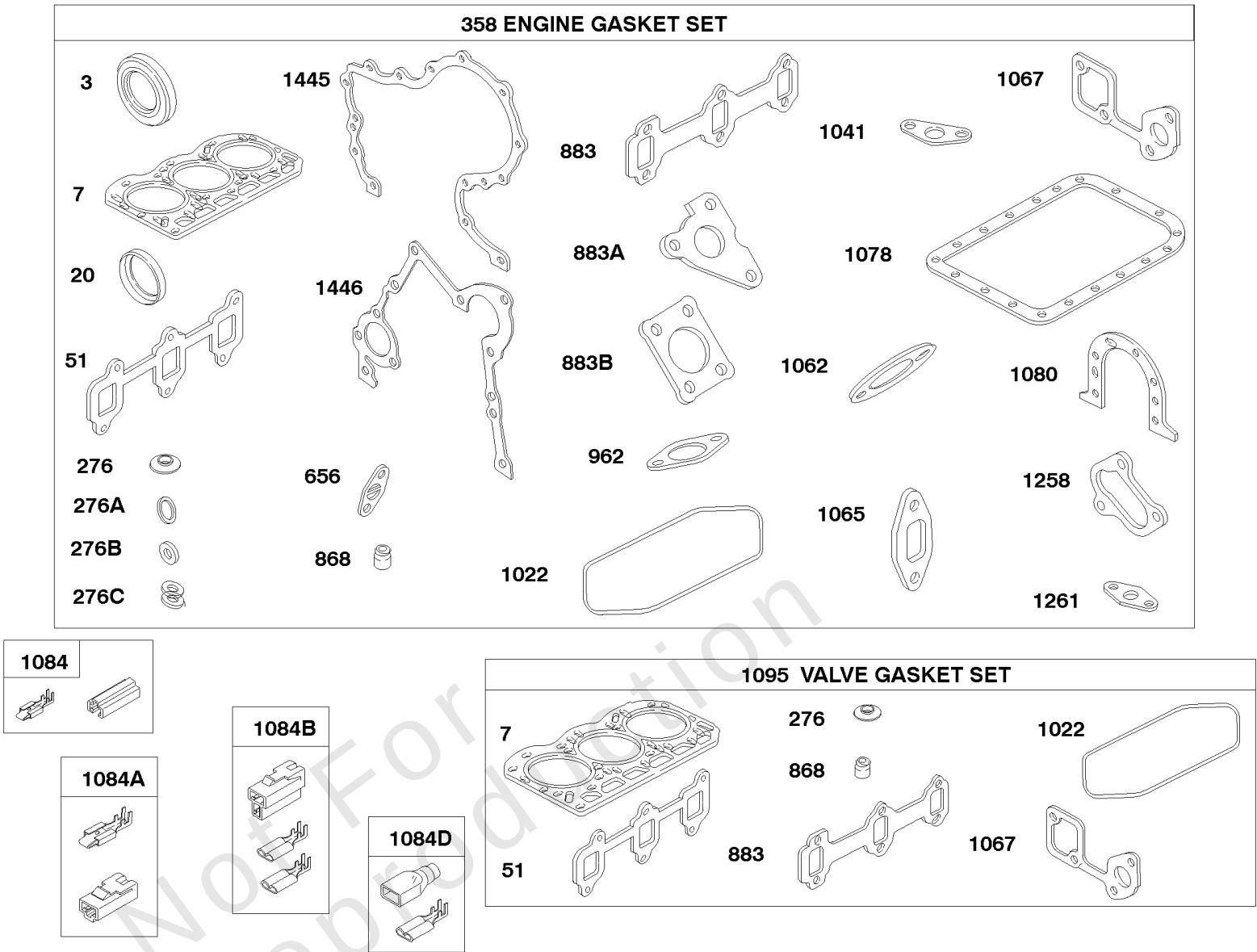
REF NO	PART NO	QTY	DESCRIPTION
5	825685		HEAD, Cylinder
7	821270		GASKET, Cylinder Head
11	820932		TUBE, Breather -(540 mm)
13	820934		SCREW -(Cylinder Head) (10mm)
21	825024		CAP, Oil Fill
127	820004		PLUG, Welch
127A	820005		PLUG, Welch
151	820997		STUD -(Exhaust Manifold)
151A	820999		STUD -(Exhaust Manifold)
276	820064		WASHER, Sealing -(Rocker Cover)
350	820078		STUD -(Water Pump)
773	820130		RETAINER -(Valve Guide Bushing)
806	820212		SCREW -(Lifting Bracket)
812	820071		NUT -(Rocker Cover)
871	825030		BUSHING, Valve Guide
1022	820150		GASKET, Rocker Cover
1023	825672		COVER, Rocker
1054	280275		TIE, Cable
1077	820254		BRACKET, Lifting
1130	820015		STUD -(Intake Manifold)
1171	820076		STUD -(Rocker Cover)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	825599	Cylinder Assembly	524	820654	Seal-Dipstick Tube Used on Type No(s). 0231.	724	825731	Retainer-Seal
20	821328	Seal-Oil (PTO Side)	525	820144	Tube-Dipstick	890	820238	Bracket-Support
127	820004	Plug-Welch	525A	820666	Tube-Dipstick Used on Type No(s). 0231.	1027	820314	Filter-Oil
197	820176	Screw (Back Plate)	573	820170	Plate-Back	1028	820851	Adapter-Oil Filter
239	821135	Switch-Oil Pressure	573A	820147	Plate-Back	1069	820102	Nozzle-Oil
292	820662	Collar-Dipstick Tube	591	821069	Plug-Camshaft	1080	820145	Gasket-Seal Retainer
415A	820375	Plug	693	821319	Module-Pre Heat (Used After Code Date 07063000).	1262	821009	Line-Water
415B	820182	Plug (Cylinder) Used on Type No(s). 0209, 0309.	----- Note -----			1300	820042	Screw (Crankshaft Bearing Cap)
508	820031	Screw (Seal Retainer)	820373 Module- Pre Heat (Used Before Code Date 07070100).					
523	821158	Dipstick	713	821299	Bushing-Camshaft			
523A	820643	Dipstick Used on Type No(s). 0231.	718	820063	Pin-Locating			
523B	820572	Dipstick Used on Type No(s). 0376.	718A	820062	Pin-Locating			
			718B	820061	Pin-Locating			

Cylinder, Back Plate, Oil

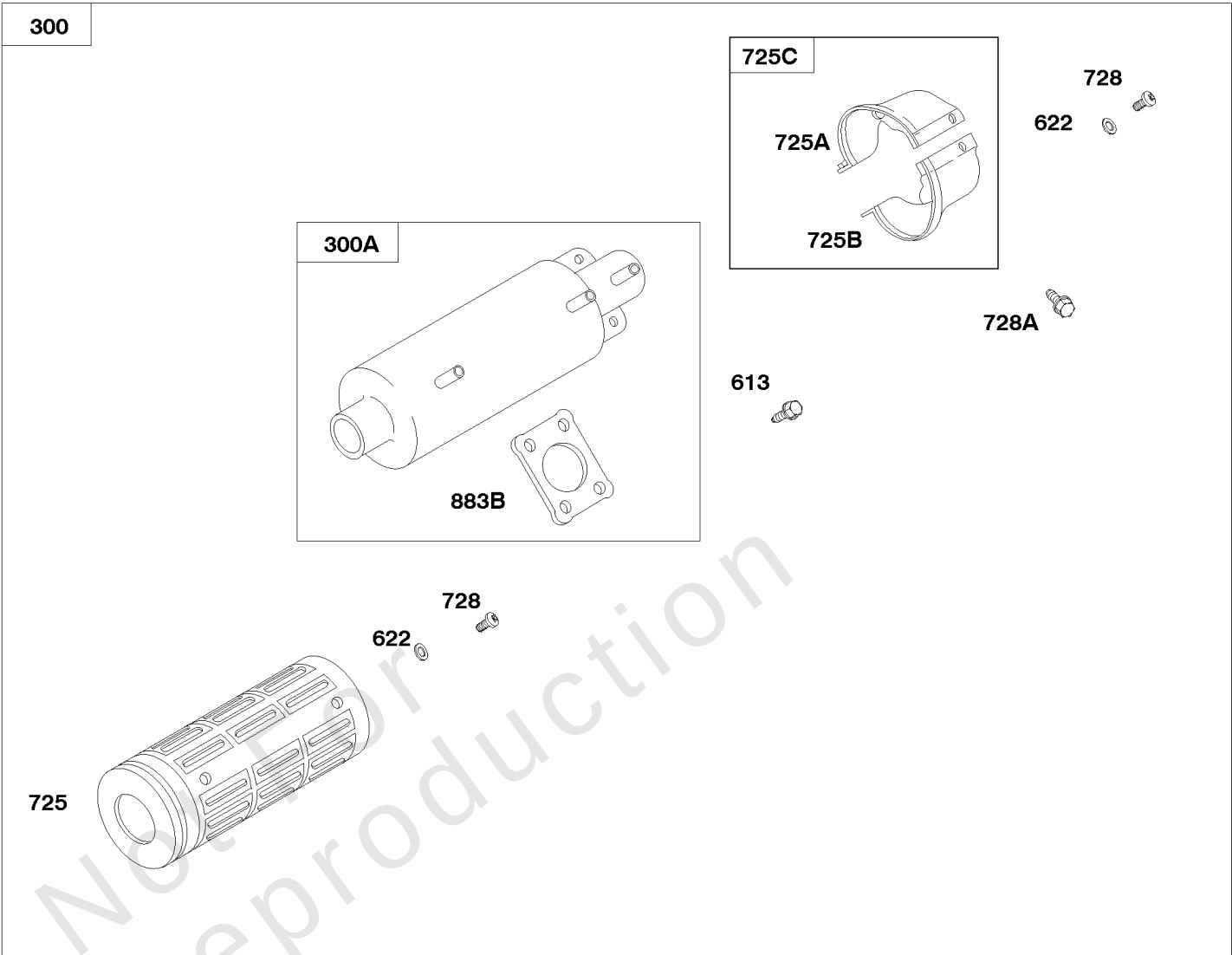
REF NO	PART NO	QTY	DESCRIPTION
1	825599		CYLINDER ASSEMBLY
20	821328		SEAL, Oil -(PTO Side)
127	820004		PLUG, Welch
197	820176		SCREW -(Back Plate)
239	821135		SWITCH, Oil Pressure
292	820662		COLLAR, Dipstick Tube
415A	820375		PLUG -(Cylinder)
415B	820182		PLUG
508	820031		SCREW -(Seal Retainer)
523	821158		DIPSTICK
525	820144		TUBE, Dipstick
573	820170		PLATE, Back
573A	820147		PLATE, Back
591	821069		PLUG, Camshaft
693	820373		MODULE, Pre Heat -Used Before Code Date 07070100
693	821319		MODULE, Pre Heat -Used After Code Date 07063000
713	821299		BUSHING, Camshaft
718	820063		PIN, Locating
718A	820062		PIN, Locating
718B	820061		PIN, Locating
724	825731		RETAINER, Seal
890	820238		BRACKET, Support
1027	820314		FILTER, Oil
1028	820851		ADAPTER, Oil Filter
1069	820102		NOZZLE, Oil
1080	820145		GASKET, Seal Retainer
1262	821009		LINE, Water
1300	820042		SCREW -(Crankshaft Bearing Cap)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3	821326	Seal-Oil (Magneto Side)	656	820962	Gasket-Water Pipe	1078	820137	Gasket-Oil Pan
7	820930	Gasket-Cylinder Head	868	820405	Seal-Valve	1080	820145	Gasket-Seal Retainer
20	821328	Seal-Oil (PTO Side)	883	820817	Gasket-Exhaust (Manifold)	1084	825154	Connector-Terminal
51	820407	Gasket-Intake	883A	820967	Gasket-Exhaust (Turbo Charger)	1084A	825266	Connector-Terminal
276	820064	Washer-Sealing (Rocker Cover)	883B	821001	Gasket-Exhaust	1084B	825157	Connector-Terminal
276A	820582	Washer-Sealing (Oil Drain Plug)	962	820988	Gasket-Air Inlet Pipe	1084D	825160	Connector-Terminal
276B	820950	Washer-Sealing (Oil Inlet Pipe)	1022	820150	Gasket-Rocker Cover	1095	825528	Gasket Set-Valve
276C	820952	Washer-Sealing (Oil Inlet Pipe)	1041	820104	Gasket- Oil Pump Screen	1258	820890	Gasket- Muffler Adapter
358	825527	Gasket Set-Engine	1062	820093	Gasket- Outlet Housing	1261	820973	Gasket-Oil Outlet
			1065	820098	Gasket-Inlet Housing	1445	820377	Gasket- Timing Gear Cover
			1067	820100	Gasket-Water Pump	1446	820155	Gasket- Gear Housing

Engine/Valve Gasket Sets

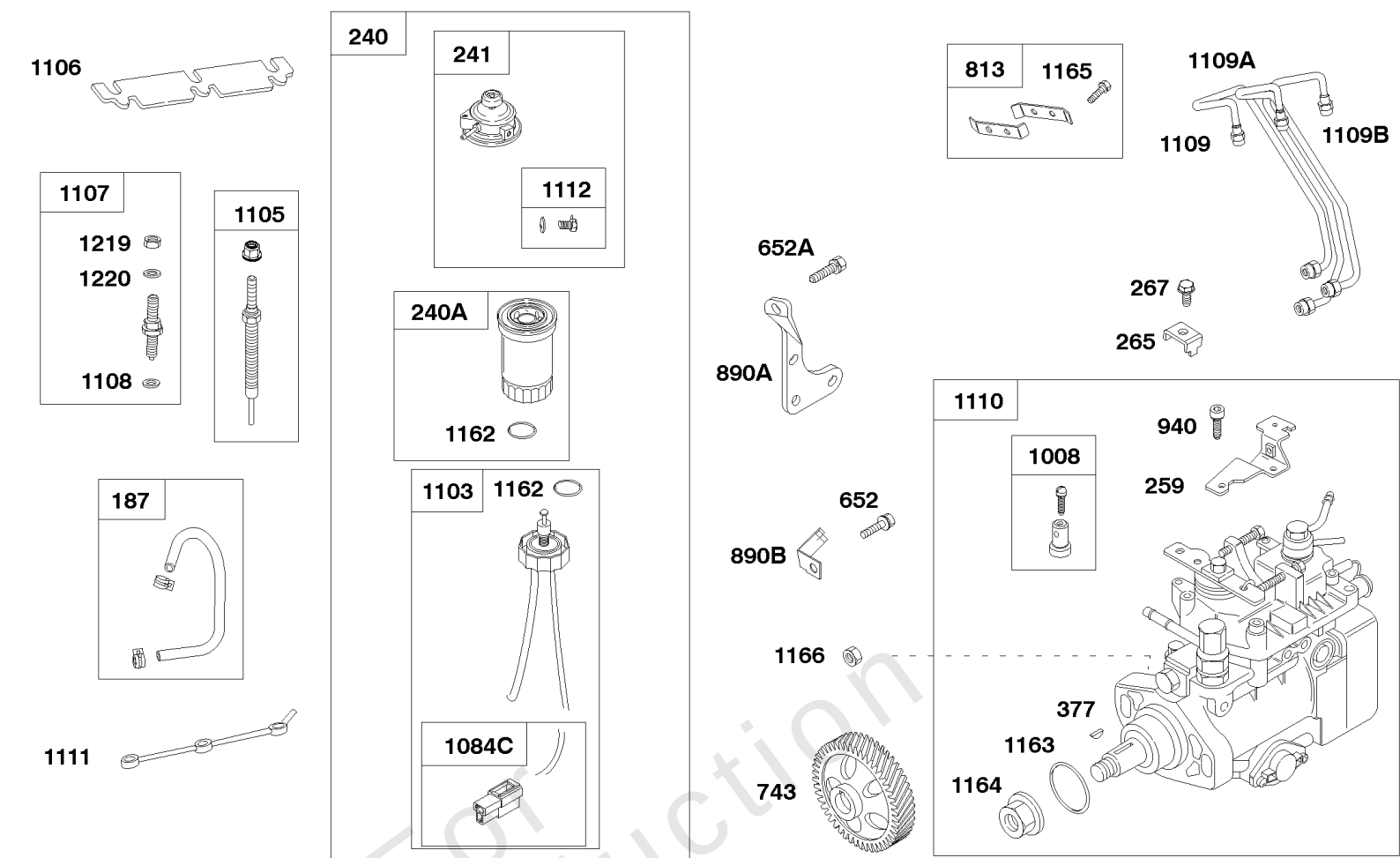
REF NO	PART NO	QTY	DESCRIPTION
3	821326		SEAL, Oil -(Magneto Side)
7	821270		GASKET, Cylinder Head
20	821328		SEAL, Oil -(PTO Side)
51	820407		GASKET, Intake
276	820064		WASHER, Sealing -(Rocker Cover)
276A	820582		WASHER, Sealing -(Oil Drain Plug)(16mm)
276B	820950		WASHER, Sealing -(Oil Inlet Pipe)
276C	820952		WASHER, Sealing -(Oil Inlet Pipe)
358	825527		GASKET SET, Engine
656	820962		GASKET, Water Pipe
868	820405		SEAL, Valve
883B	821001		GASKET, Exhaust
962	820988		GASKET, Air Inlet Pipe
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	825266		CONNECTOR, Terminal
1084B	825157		CONNECTOR-TERMINAL
1084D	825160		CONNECTOR, Terminal
1095	825528		GASKET SET, Valve
1258	820990		GASKET, Muffler Adapter
1261	820973		GASKET, Oil Outlet
1445	820377		GASKET, Gear Cover/Housing
1446	820155		GASKET, Gear Cover/Housing



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
300	825200	Muffler Used on Type No(s). 0201, 0234.	622	820631	Washer (Heat Shield) Used on Type No(s). 0201, 0234.	728	821011	Screw (Heat Shield) Used on Type No(s). 0201, 0234.
300A	825550	Muffler Used on Type No(s). 0201, 0234.	725	820628	Shield-Heat Used on Type No(s). 0201, 0234.	728A	820431	Screw (Heat Shield) Used on Type No(s). 0201, 0234.
613	820023	Screw (Muffler) Used on Type No(s). 0201, 0234.	725A	820630	Shield-Heat Used on Type No(s). 0201, 0234.	883B	821001	Gasket-Exhaust Used on Type No(s). 0201, 0234.
			725B	820629	Shield-Heat Used on Type No(s). 0201, 0234.			
			725C	821409	Shield-Heat Used on Type No(s).			

Exhaust Muffler

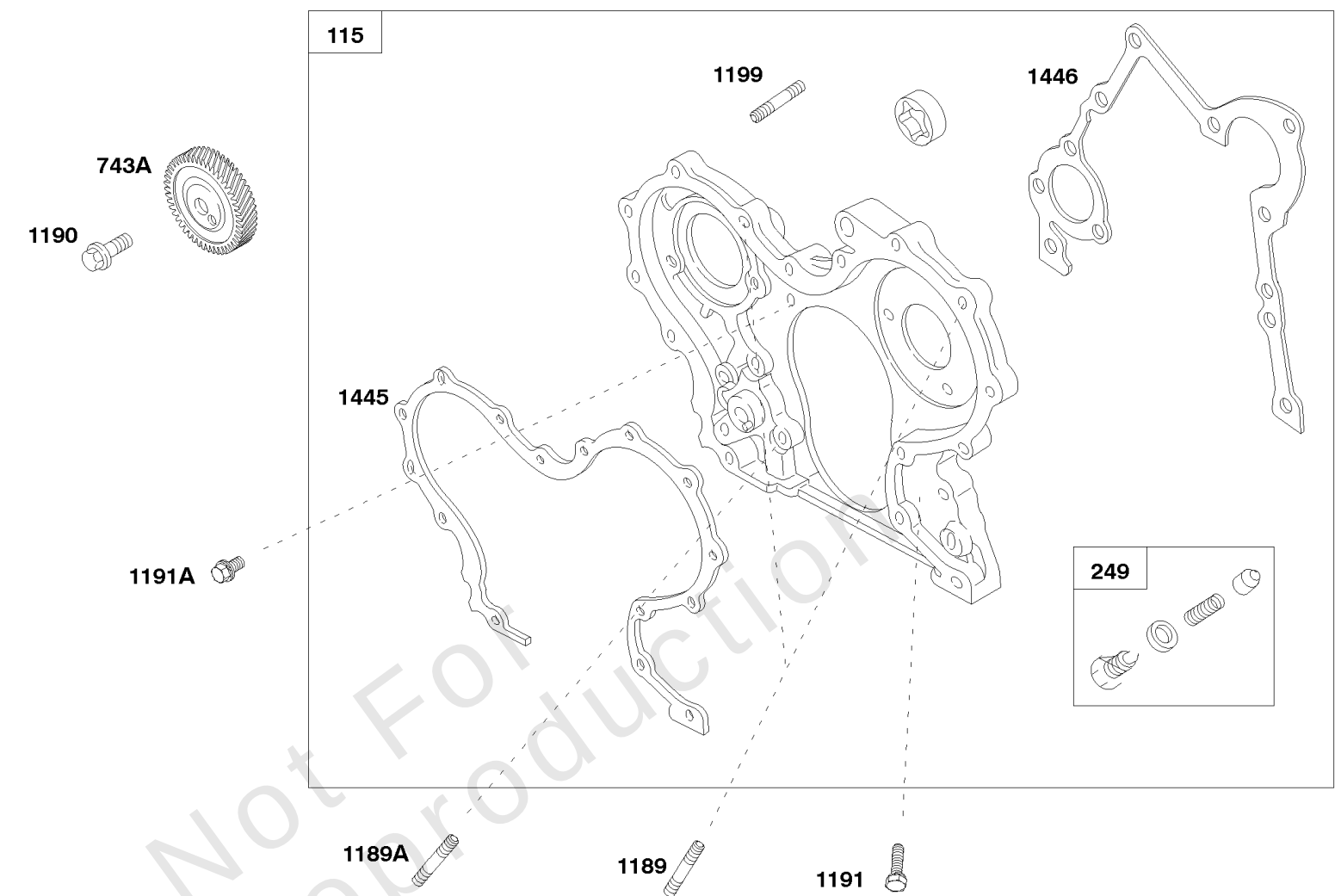
REF NO	PART NO	QTY	DESCRIPTION
300	825200		MUFFLER
300A	825550		MUFFLER
613	820023		SCREW -(Muffler)
622	820631		WASHER -(Heat Shield)
725	820628		SHIELD, Heat
725A	820630		SHIELD, Heat
725B	820629		SHIELD, Heat
725C	821409		SHIELD, Heat
728	821011		SCREW -(Heat Shield)
728A	820431		SCREW -(Heat Shield)
883B	821001		GASKET, Exhaust



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
187	825179	Line-Fuel	1008	820467	Clamp-Swivel	1111	820412	Pipe-Fuel Return
240	825219	Filter-Fuel	1084C	825156	Connector-Terminal	1112	825198	Plug-Vent (Fuel Filter)
240A	820311	Filter-Fuel	1103	820347	Sensor-Fuel Filter	1162	820348	Seal-O Ring (Fuel Filter Sensor)
241	821251	Cover-Fuel Filter	1105	821308	Plug-Glow	1163	820414	Seal-O Ring (Injection Pump Shaft)
259	820634	Bracket-Casing Clamp	1106	820409	Strap-Glow Plug	1164	820419	Nut (Injection Pump)
265	691024	Clamp-Casing	1107	825754	Nozzle-Injector (Used After Code Date 07063000).	1165	820031	Screw (Clamp)
267	820012	Screw (Casing Clamp)			----- Note -----	1166	820417	Nut (Injection Pump)
377	821064	Key-Woodruff			825178 Nozzle-Injector (Used Before Code Date 07070100).	1219	820829	Nut (Injector Nozzle)
652	820593	Screw (Support Bracket) Used on Type No(s). 0376.				1220	820831	Washer (Injector Nozzle)
652A	820272	Screw (Support Bracket)	1108	820411	Seat-Injector			
743	820619	Gear-Drive (Fuel Injection Pump)	1109	825194	Pipe-Injector # 1			
813	825197	Clamp (Injector Pipe)	1109A	825195	Pipe-Injector # 2			
890	820415	Bracket-Support	1109B	825196	Pipe-Injector # 3			
890A	820479	Bracket-Support Used on Type No(s). 0376.	1110	825752	Pump-Injection (Used After Code Date 07063000).			
940	820640	Screw (Casing)			----- Note -----			
					825606 Pump Injection (Used Before Code			

Fuel Filter, Fuel Injection Pump, Glow Plugs

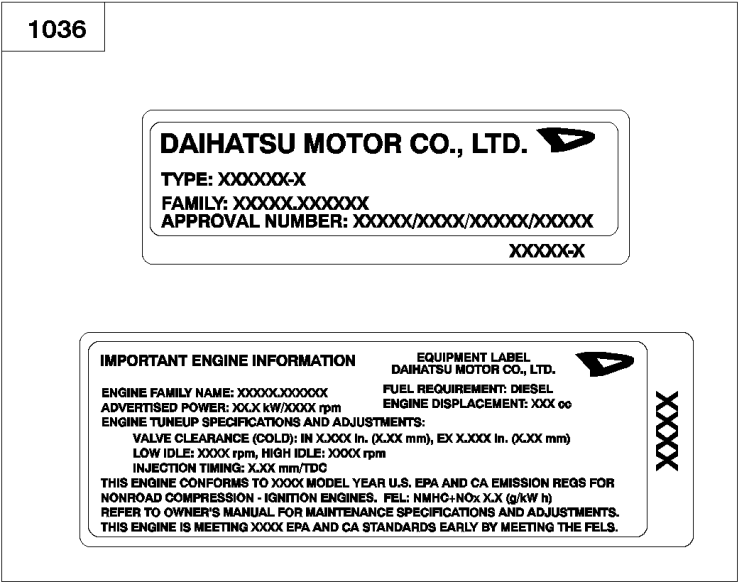
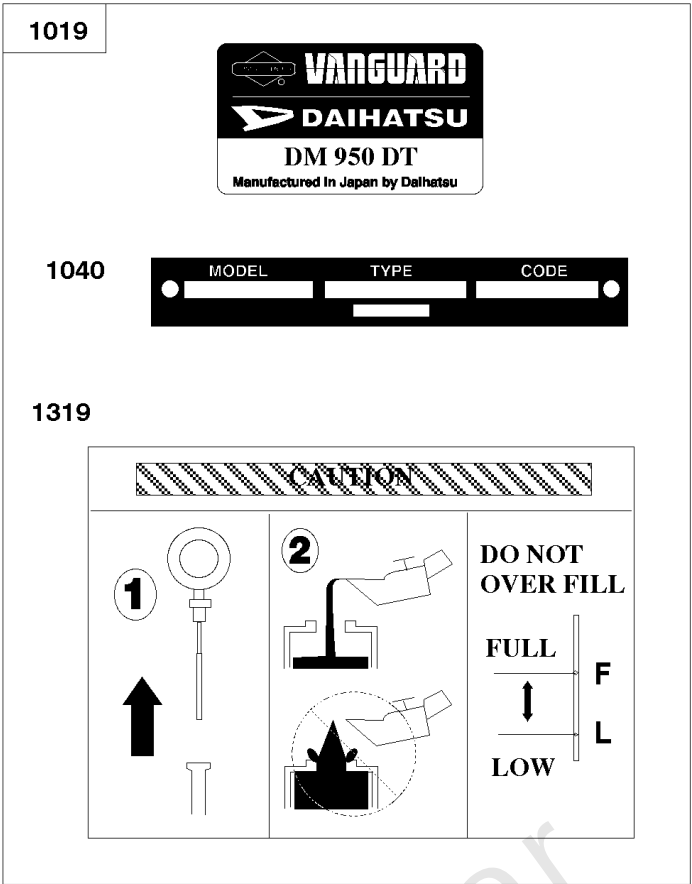
REF NO	PART NO	QTY	DESCRIPTION
187	825179		LINE, Fuel
240	825219		FILTER, Fuel
240A	820311		FILTER, Fuel
241	821251		COVER, Fuel Filter
259	820634		BRACKET, Casing Clamp
265	691024		CLAMP, Casing
267	820012		SCREW -(Casing Clamp)
309	825700		MOTOR, Starter -(1.2 KW)(Purple/Brown Label)
377	821064		KEY, Woodruff
652A	820272		SCREW -(Support Bracket)
743	820619		GEAR, Drive -(Fuel Injection Pump)
813	825197		CLAMP -(Injector Pipe)
890A	820415		BRACKET, Support
940	820640		SCREW -(Casing Clamp Bracket)
1008	820467		CLAMP, Swivel
1084C	825156		CONNECTOR, Terminal
1103	820347		SENSOR, Fuel Filter
1105	821308		PLUG, Glow
1106	820409		STRAP, Glow Plug
1107	825178		NOZZLE, Injector -Used Before Code Date 07070100
1107	825754		NOZZLE, Injector -Used After Code Date 07063000
1108	820411		SEAT, Injector
1109	825194		PIPE, Injector -(Cylinder 1)
1109A	825195		PIPE, Injector -(Cylinder 2)
1109B	825196		PIPE, Injector -(Cylinder 3)
1110	825752		PUMP, Fuel Injection -Used After Code Date 07063000
1110	825606		PUMP, Fuel Injection -Used Before Code Date 07070100
1111	820412		PIPE, Fuel Return
1112	825198		PLUG, Vent -(Fuel Filter)
1162	820348		SEAL, O-Ring -(Fuel Filter Sensor)
1163	820414		SEAL, O-Ring -(Injection Pump Shaft)
1164	820419		NUT -(Injection Pump Shaft)
1165	820031		SCREW -(Clamp)
1166	820417		NUT -(Injection Pump)
1219	820829		NUT -(Injector Nozzle)
1220	820831		WASHER -(Injector Nozzle)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
115	825186	Housing-Gear	1190	820180	Screw (Drive Gear)	1445	820377	Gasket-Timing Gear Cover
249	825032	Valve-Pressure Relief	1191	820030	Screw (Gear Housing)	1446	820155	Gasket-Housing Gear
743A	820615	Gear-Drive (Gear Housing)	1191A	820033	Screw (Gear Housing)			
1189	820156	Stud (Gear Housing)	1199	820426	Stud (Injection Pump)			
1189A	820016	Stud (Gear Housing)						

Gear Housing, Drive Gear

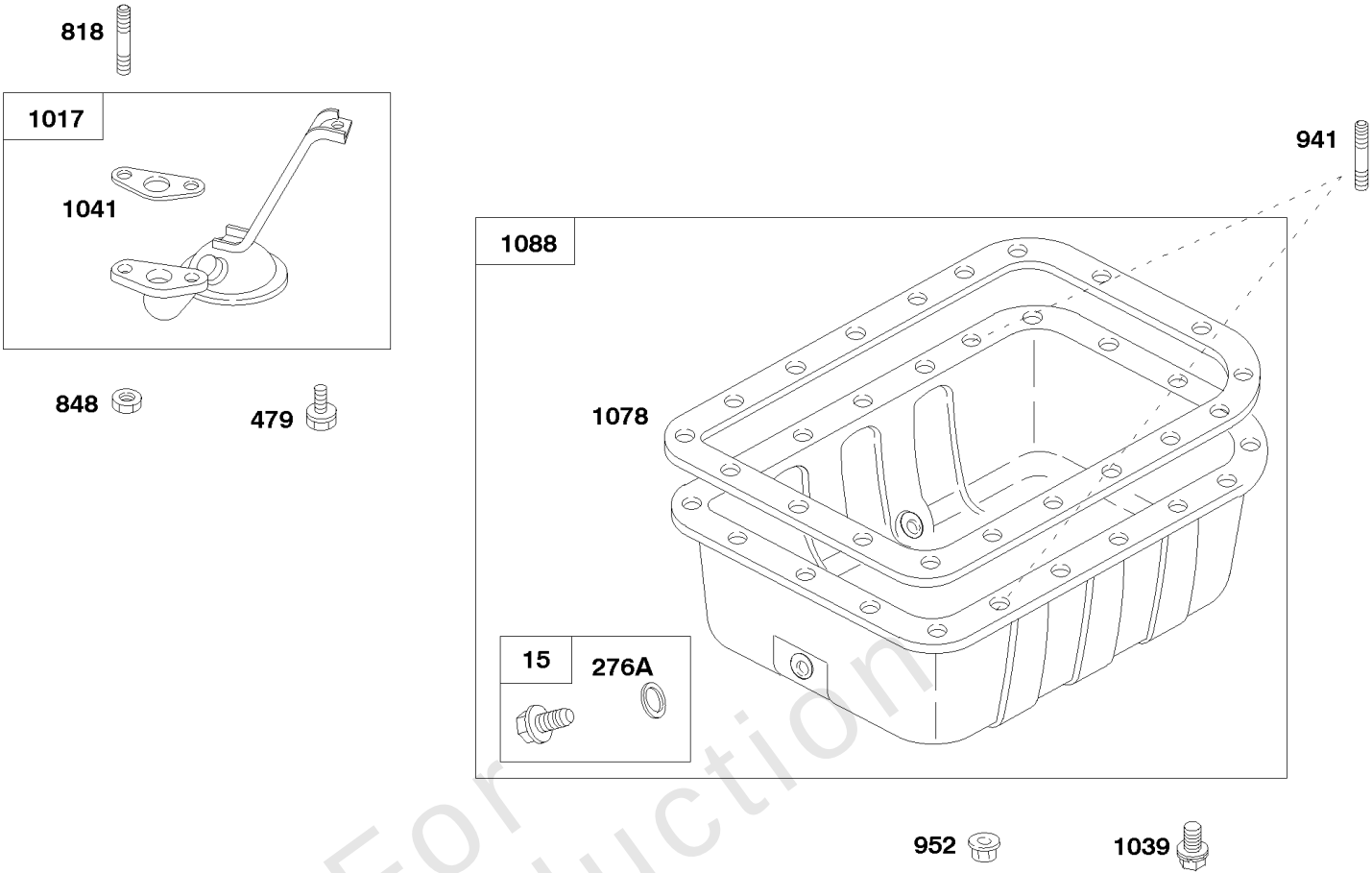
REF NO	PART NO	QTY	DESCRIPTION
115	825186		HOUSING, Gear
249	825032		VALVE, Pressure Relief
743A	820615		GEAR, Drive -(Gear Housing)
1189	820156		STUD -(Gear Housing)
1189A	820016		STUD -(Gear Housing)
1190	820180		SCREW -(Drive Gear)
1191	820030		SCREW -(Gear Housing)
1191A	820033		SCREW -(Gear Housing)
1199	820426		STUD -(Injection Pump)
1445	820377		GASKET, Gear Cover/Housing
1446	820155		GASKET, Gear Cover/Housing



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1019	825634	Kit-Label	1036		Label-Emissions (Available from a Briggs & Stratton Authorized Dealer)	1040	820290	Plate-Trim
						1058	820853	Operator's Manual
						1319	820891	Label-Warning
						1330	MS1055	Repair Manual (Refer to Repair Manual For Assembly and Torque Requirements)

Label Kit, Emissions Label, Repair Manual

REF NO	PART NO	QTY	DESCRIPTION
1019	825634		KIT, Label -(Identification Labels)
1036	-----		Label-Emissions -(Available From A Briggs & Stratton Authorized Dealer)
1040	820290		PLATE, Trim
1058	820853		MANUAL, Operator's
1319	821160		LABEL, Warning
1330	MS1055		MANUAL, Repair -(Refer to Repair Manual For Assembly and Torque Requirements)



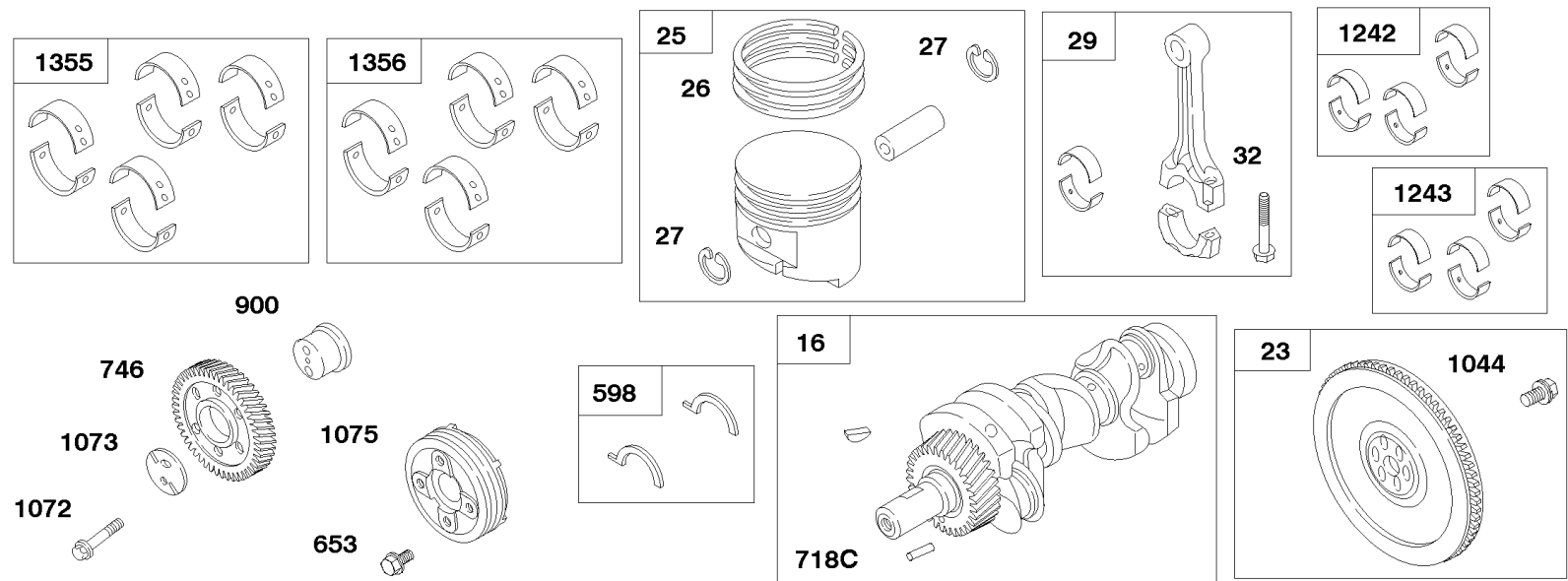
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	825278	Plug-Oil Drain	818	820016	Stud (Oil Pump Screen)	1017	825089	Screen-Oil Pump
276A	820582	Washer-Sealing (Oil Drain Plug)	848	820069	Nut (Oil Pump Screen)	1039	821233	Screw (Oil Pan)
479	821233	Screw (Oil Pump Screen)	941	820017	Stud (Oil Pan)	1041	820104	Gasket- Oil Pump Screen
			952	820068	Nut (Oil Pan)	1078	820137	Gasket-Oil Pan
						1088	825734	Pan-Oil (Dual Drain)

Oil Pan, Oil Pump Screen

REF NO	PART NO	QTY	DESCRIPTION
15	825278		PLUG, Oil Drain
276A	820582		WASHER, Sealing -(Oil Drain Plug)(16mm)
479	821233		SCREW -(Oil Pump Screen)
818	820016		STUD -(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	821233		SCREW -(Oil Pan)
1041	820104		GASKET, Oil Pump Screen
1078	820137		GASKET, Oil Pan
1088	825734		PAN, Oil -(Dual Drain)

Piston, Crankshaft, Flywheel

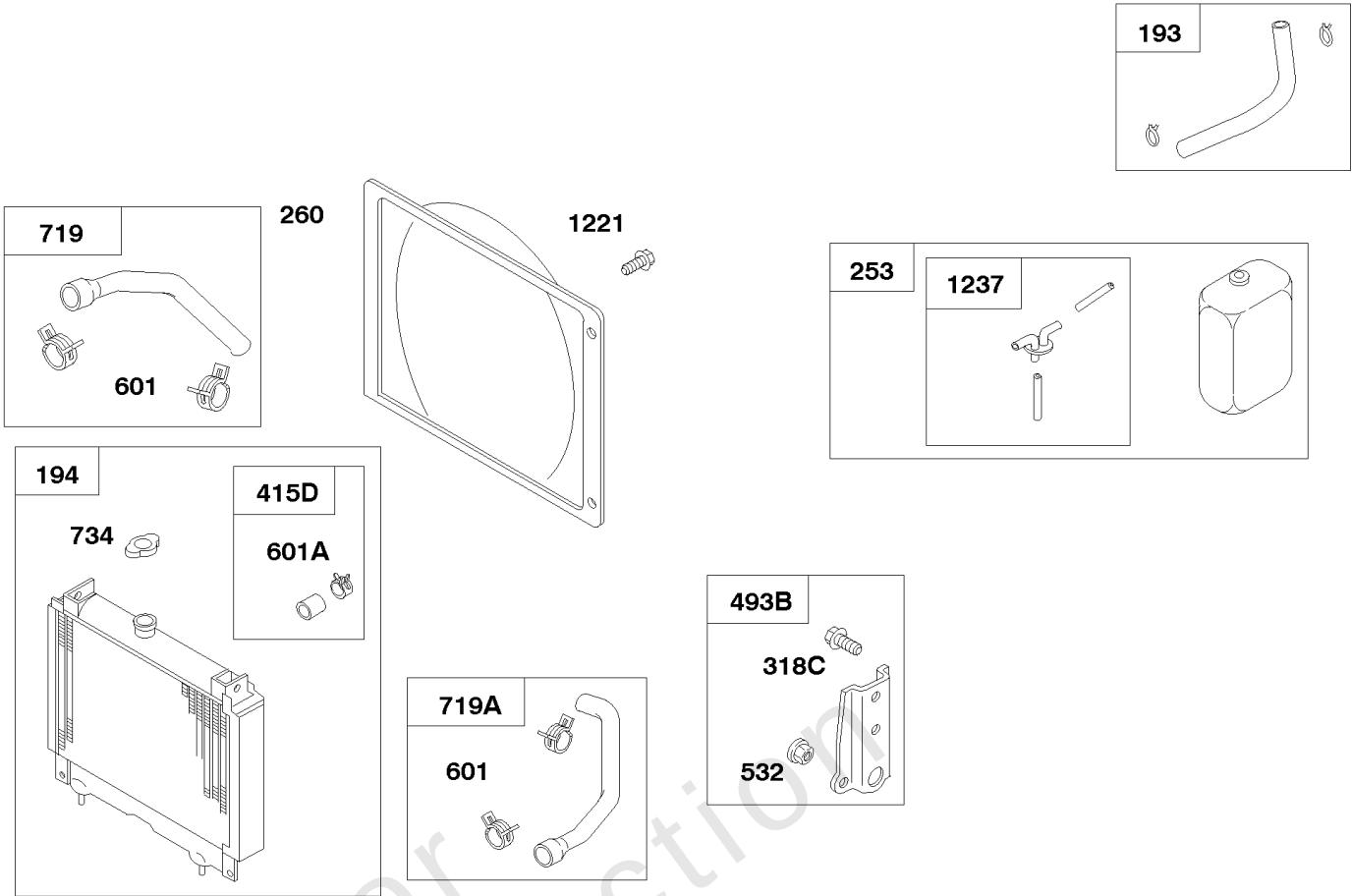
Mfg. No: 58A447-0201-E2



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
16	825494	Crankshaft	598	821295	Shim-Endplay (Crankshaft) (Standard)	1044	820080	Screw (Flywheel)
23	825303	Flywheel			----- Note -----	1072	820081	Screw (Idle Gear Plate)
25	825796	Piston Assembly (Standard)			821297 Shim-Endplay (Crankshaft) (.005" Oversize)	1073	820117	Plate-Idle Gear
		----- Note -----				1075	820236	Pulley-Crankshaft
		825801 Piston Assembly (.010" Oversize)	653	820079	Screw (Crankshaft Pulley)	1242	825739	Bearing Set/STD-Rod
26	825512	Ring Set (Standard)	718C	820059	Pin-Locating	1243	825740	Bearing Set/010-Rod
		----- Note -----	746	820611	Gear-Idler	1355	821291	Bearing Set/STD-Main
		825514 Ring Set (.010" Oversize)	900	820116	Shaft-Gear	1356	821293	Bearing Set/010-Main
27	820926	Lock-Piston Pin						
29	825736	Rod-Connecting						
32	820928	Screw (Connecting Rod)						

Piston, Crankshaft, Flywheel

REF NO	PART NO	QTY	DESCRIPTION
16	825494		CRANKSHAFT
23	825303		FLYWHEEL
25	825796		PISTON ASSEMBLY -(Standard)
25	825801		PISTON ASSEMBLY -(.010 Oversize)
26	825512		SET, Ring -(Standard)
26	825514		SET, Ring -(.010 Oversize)
27	820926		LOCK, Piston Pin
29	825736		ROD, Connecting
32	820928		SCREW -(Connecting Rod)
598	821297		SHIM, End Play -(Crankshaft or Camshaft Bearing) (.005 Oversize)
598	821295		SHIM, End Play -(Crankshaft or Camshaft Bearing) (Standard)
653	820079		SCREW -(Crankshaft Pulley)
718C	820059		PIN, Locating
746	820611		GEAR, Idler
900	820116		SHAFT, Gear
1044	820080		SCREW -(Flywheel)
1072	820081		SCREW -(Idle Gear Plate)
1073	820117		PLATE, Idle Gear
1075	820236		PULLEY, Crankshaft
1242	825739		SET, Rod Bearing, Standard
1243	825740		SET, Rod Bearing, 010
1355	821291		SET, Main Bearing, Standard
1356	821293		SET, Main Bearing, 010



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
193	825697	Hose-Reserve Tank	493B	825106	Bracket-Mounting (Reserve Tank)	719	825557	Hose-Radiator Used on Type No(s). 0201, 0234.
194	825645	Radiator Used on Type No(s). 0201, 0231, 0234.	532	820011	Nut (Mounting Bracket)			----- Note -----
253	825462	Tank-Reserve	532A	820070	Nut (Mounting Bracket)			825134 Hose-Radiator Used on Type No(s). 0210.
260	821019	Shroud-Fan (375mm) Used on Type No(s). 0201, 0234.	601	820256	Clamp-Hose	719A	825671	Hose-Radiator Used on Type No(s). 0201, 0234.
318C	821233	Screw (Mounting Bracket)	601A	820201	Clamp-Hose			----- Note -----
415D	825075	Plug (Radiator)						825133 Hose-Radiator Used on Type No(s). 0210.
						734	820258	Cap-Radiator
						1221	820636	Screw (Fan Shroud) Used on Type No(s). 0201, 0234.
						1237	825461	Cap/Hose-Reserve

Radiator, Radiator Hoses, Reserve Tank

REF NO	PART NO	QTY	DESCRIPTION
193	825697		HOSE, Reserve Tank
194	825645		RADIATOR
253	825462		TANK, Reserve
260	821019		SHROUD, Fan -(375mm)
318C	821233		SCREW -(Mounting Bracket)
415D	825075		PLUG -(Radiator)
493B	825106		BRACKET, Mounting -(Reserve Tank)
532	820011		NUT -(Mounting Bracket)
601	820256		CLAMP, Hose
601A	820201		CLAMP, Hose
719	825557		HOSE, Radiator
719A	825671		HOSE, Radiator
734	820258		CAP, Radiator
1237	825461		CAP, Reserve Tank

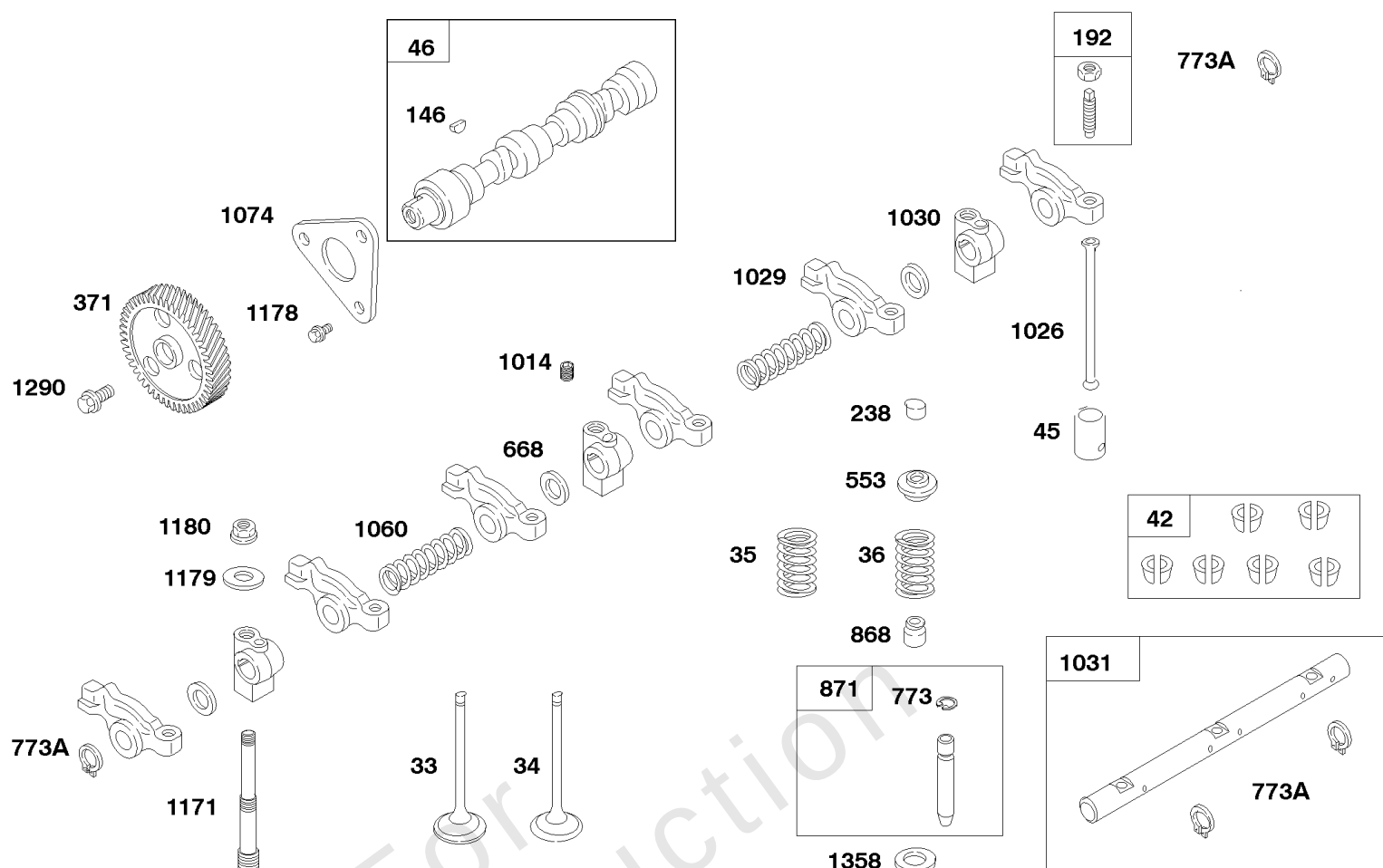
Replacement Engine - US & Canada

REF NO	PART NO	QTY	DESCRIPTION
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Not For Reproduction

Rocker Arm Shaft, Camshaft, Cam Gear

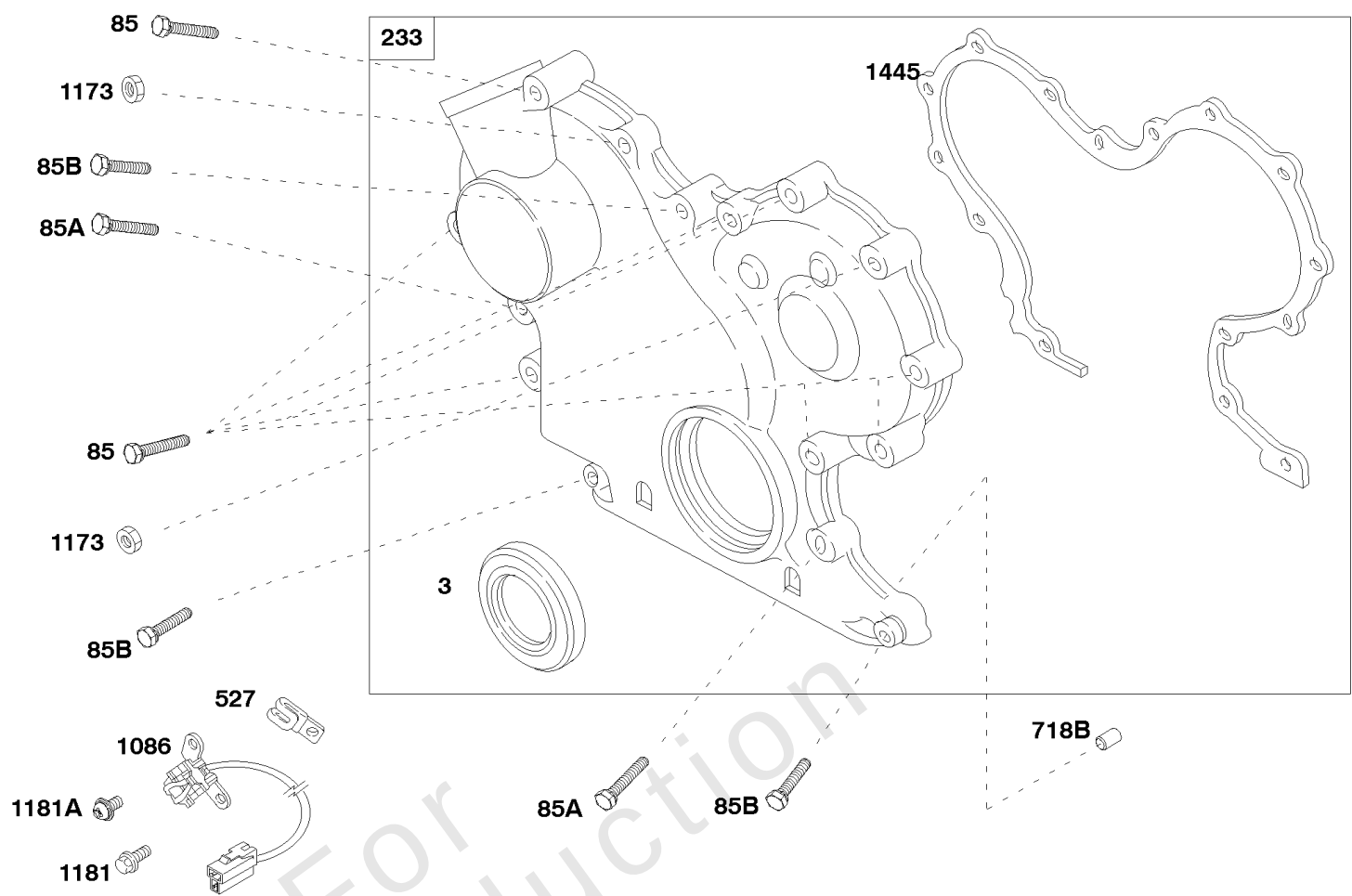
Mfg. No: 58A447-0201-E2



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
33	820404	Valve-Exhaust	371	820613	Gear-Cam	1074	820118	Retainer-Camshaft
34	820403	Valve-Intake	553	820111	Retainer-Valve Spring	1171	820076	Stud (Rocker Cover)
35	820406	Spring-Valve (Intake)	668	820065	Spacer (Rocker Arm Shaft) (Includes 3)	1178	820032	Screw (Camshaft Retainer)
36	820406	Spring-Valve (Exhaust)	773	820130	Retainer (Valve Guide Bushing)	1179	820177	Washer (Rocker Arm Support)
42	825082	Keeper-Valve (Contains 6 Sets)	773A	820003	Retainer (Rocker Arm Shaft)	1180	820070	Nut (Rocker Arm Support)
45	820110	Tappet-Valve	868	820405	Seal-Valve	1290	820075	Screw (Cam Gear)
46	820936	Camshaft	871	825030	Bushing-Valve Guide	1358	820112	Seat-Valve Spring
146	691639	Key-Timing	1014	820105	Screw (Rocker Arm Support)			
192	825688	Adjuster-Rocker Arm (Used After Code Date 04083100). ----- Note ----- 825041 Adjuster- Rocker Arm (Used Before Code Date 04090100).	1026	821218	Rod-Push (Used After Code Date 04083100). ----- Note ----- 820109 Rod-Push (Used Before Code Date 04090100).			
238	821214	Cap-Valve (Used After Code Date 04083100). ----- Note ----- 820113 Cap-Valve (Used Before Code	1029	820387	Arm-Rocker			
			1030	820106	Support-Rocker Arm			
			1031	825093	Shaft-Rocker Arm			
			1060	820044	Spring-Rocker Shaft			

Rocker Arm Shaft, Camshaft, Cam Gear

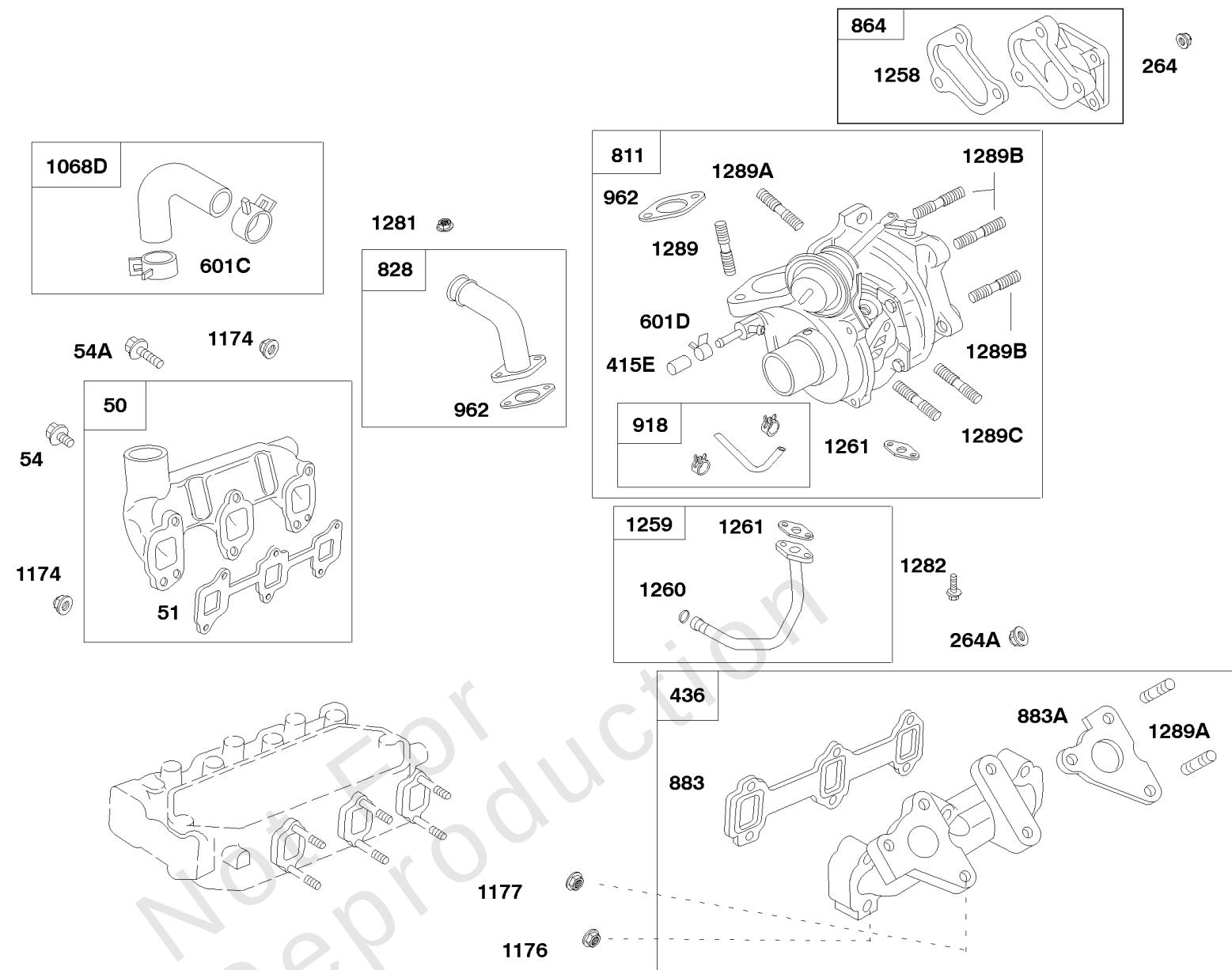
REF NO	PART NO	QTY	DESCRIPTION
33	820404		VALVE, Exhaust
34	820403		VALVE, Intake
35	820406		SPRING, Valve -(Intake)
36	820406		SPRING, Valve -(Exhaust)
42	825082		KEEPER, Valve -(Contains 6 Sets)
45	820110		TAPPET, Valve
46	820936		CAMSHAFT
146	691639		KEY, Woodruff
192	825688		ADJUSTER, Rocker Arm -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
553	820111		RETAINER, Valve
668	820065		SPACER -(Rocker Arm Shaft) (Includes 3)
773	820130		RETAINER -(Valve Guide Bushing)
773A	820003		RETAINER -(Rocker Arm Shaft)
868	820405		SEAL, Valve
871	825030		BUSHING, Valve Guide
1014	820105		SCREW -(Rocker Arm Support)
1026	820422		ROD, Push -Used Before Code Date 04090100
1026	821218		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
3	821326	Seal-Oil (Magneto Side)	233	825758	Cover-Timing Gear	1181	820029	Screw (Coil Trigger)
85	820425	Screw (Timing Gear Cover to Gear Housing)	527	820047	Clamp-Tube	1181A	820013	Screw (Coil Trigger)
85A	820029	Screw (Timing Gear Cover to Gear Housing)	718B	820061	Pin_Locating	1445	820377	Gasket-Timing Gear Cover
85B	820027	Screw (Timing Gear Cover to Gear Housing)	1086	825009	Trigger-Coil			
			1173	820069	Nut (Timing Gear Cover)			

Timing Gear Cover, Coil Trigger

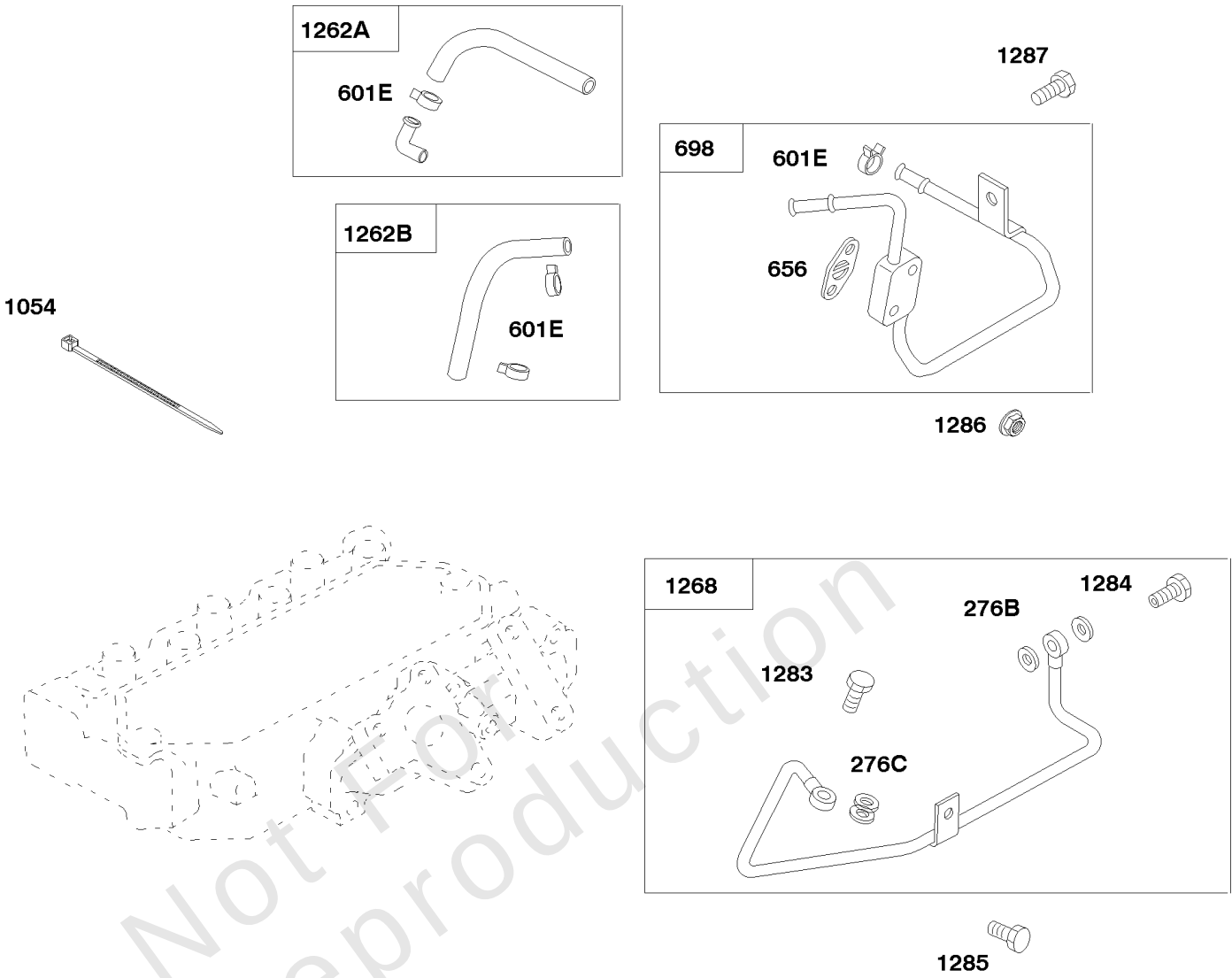
REF NO	PART NO	QTY	DESCRIPTION
3	821326		SEAL, Oil -(Magneto Side)
85	820425		SCREW -(Gear Cover)
85A	820029		SCREW -(Gear Cover)
85B	820027		SCREW -(Gear Cover)
233	825758		COVER, Timing Gear
527	820047		CLAMP, Hose
718B	820061		PIN, Locating
1086	825009		TRIGGER, Ignition
1173	820069		NUT -(Gear Cover)
1181	820029		SCREW -(Ignition Trigger)
1181A	820013		SCREW -(Ignition Trigger)
1445	820377		GASKET, Gear Cover/Housing



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	825530	Manifold-Intake	823	821249	Screw (Muffler Adapter)	1258	820990	Gasket-Muffler Adapter
51	820407	Gasket-Intake	828	825536	Pipe-Air Inlet	1259	825535	Pipe-Oil Outlet
54	820031	Screw (Intake Manifold)	864	825537	Adapter-Muffler	1260	820975	Seal-O Ring (Oil Outlet Pipe)
54A	820408	Screw (Intake Manifold)	883	820817	Gasket-Exhaust (Manifold)	1261	820973	Gasket-Oil Outlet
264	820969	Nut (Muffler Adapter)	883A	820967	Gasket-Exhaust (Turbo Charger)	1281	820181	Nut (Air Inlet Pipe)
264A	820178	Nut (Muffler Adapter)	918	825542	Hose-Vacuum	1282	820971	Screw (Oil Outlet Pipe)
415E	820995	Plug (Turbo Charger)	962	820988	Gasket-Air Inlet Pipe	1289	820981	Stud (Turbo Charger)
436	825531	Manifold-Exhaust	1068D	825543	Hose/Clamp Assembly	1289A	820553	Stud (Turbo Charger)
601C	820944	Clamp-Hose	1174	820069	Nut (Intake Manifold)	1289B	820983	Stud (Turbo Charger)
601D	820993	Clamp-Hose	1176	820178	Nut (Exhaust Manifold)			
811	825533	Charger-Turbo	1177	820178	Nut			

Turbo Charger, Intake Manifold, Exhaust Manifold

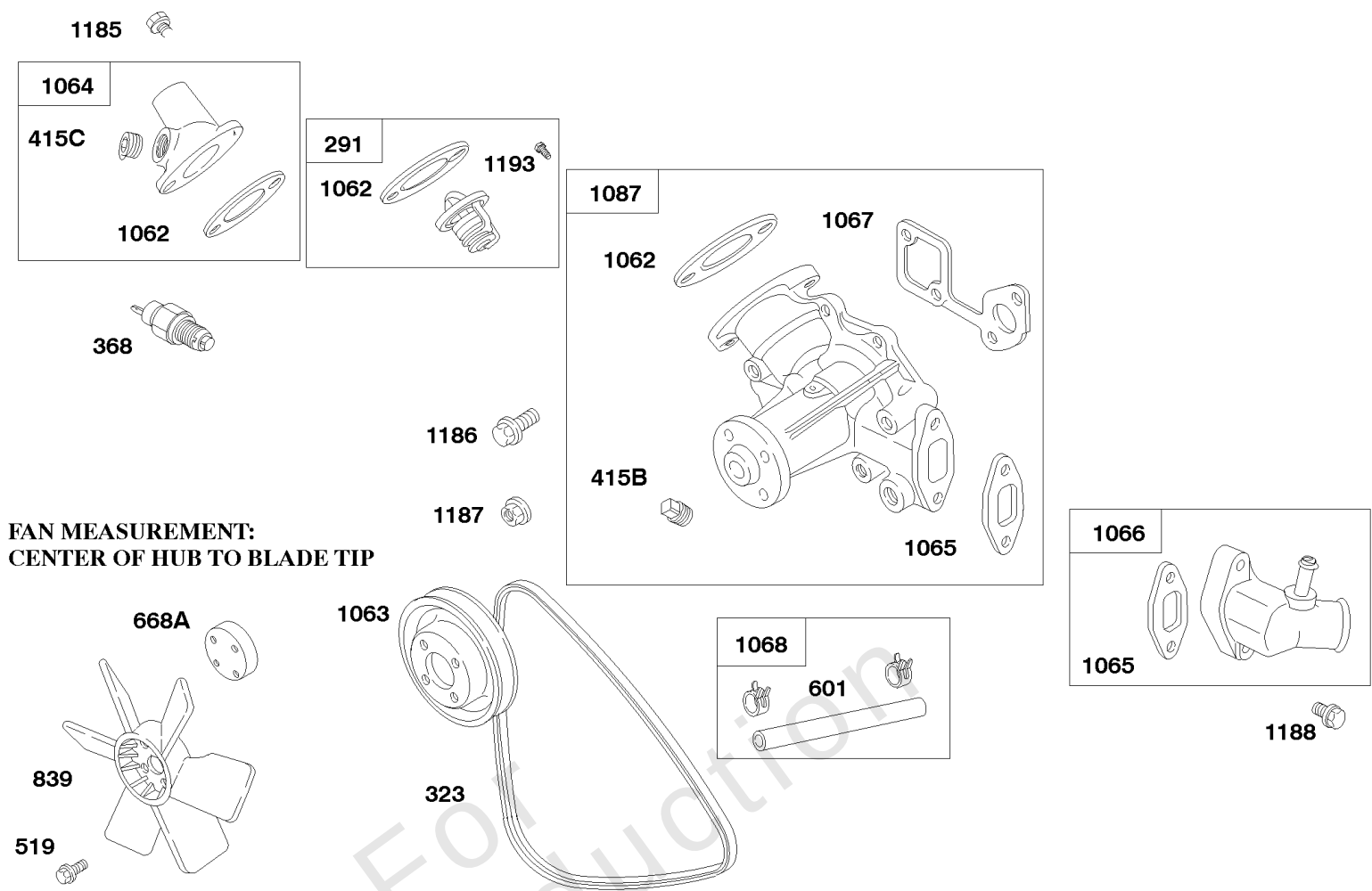
REF NO	PART NO	QTY	DESCRIPTION
50	825530		MANIFOLD, Intake
51	820407		GASKET, Intake
54	820031		SCREW -(Intake Manifold)
54A	820408		SCREW -(Intake Manifold)
264	820969		NUT -(Muffler Adapter)
264A	820178		NUT -(Muffler Adapter)
415E	820995		PLUG -(Turbo Charger)
436	825531		MANIFOLD, Exhaust
601C	820944		CLAMP, Hose
601D	820993		CLAMP, Hose
811	825533		CHARGER, Turbo
828	825536		PIPE, Air Inlet
864	825537		ADAPTER, Muffler
918	825542		HOSE, Vacuum
962	820988		GASKET, Air Inlet Pipe
1068D	825543		HOSE/CLAMP ASSEMBLY
1174	820069		NUT -(Intake Manifold)
1176	820178		NUT -(Exhaust Manifold)
1177	820178		NUT -(Muffler)
1258	820990		GASKET, Muffler Adapter
1259	825535		PIPE, Oil Outlet
1260	820975		SEAL, O-Ring -(Oil Outlet Pipe)
1261	820973		GASKET, Oil Outlet
1281	820181		NUT -(Air Inlet Pipe)
1282	820971		SCREW -(Oil Outlet Pipe)
1289	820981		STUD -(Turbo Charger)
1289A	820553		STUD -(Turbo Charger)
1289B	820983		STUD -(Turbo Charger)
1289C	820985		STUD -(Turbo Charger)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
276B	820950	Washer-Sealing (Oil Inlet Pipe)	1054	280275	Tie-Cable	1285	820023	Screw (Oil Inlet Pipe)
276C	820952	Washer-Sealing (Oil Inlet Pipe)	1262A	825540	Line-Water	1286	820069	Nut (Water Pipe)
601E	820960	Clamp-Hose	1262B	825541	Line-Water	1287	820023	Screw (Water Pipe)
656	820962	Gasket-Water Pipe	1268	825539	Pipe-Oil Inlet			
698	825558	Pipe-Water	1283	820954	Screw (Oil Inlet Pipe)			
			1284	820948	Screw (Oil Inlet Pipe)			

Water Pipe, Water Lines

REF NO	PART NO	QTY	DESCRIPTION
276B	820950		WASHER, Sealing -(Oil Inlet Pipe)
276C	820952		WASHER, Sealing -(Oil Inlet Pipe)
601E	820960		CLAMP, Hose
656	820962		GASKET, Water Pipe
698	825558		PIPE-WATER
1054	280275		TIE, Cable
1262A	825540		LINE, Water
1262B	825541		LINE, Water
1268	825539		PIPE, Oil Inlet
1283	820954		SCREW -(Oil Inlet Pipe)
1284	820948		SCREW -(Oil Inlet Pipe)
1285	820023		SCREW -(Oil Inlet Pipe)
1286	820069		NUT -(Water Pipe)
1287	820023		SCREW -(Water Pipe)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
291	825064	Thermostat	668A	820218	Spacer (Radiator Fan) (15mm)	1062	820093	Gasket- Outlet Housing
323	821075	Belt-Vee (940mm)			----- Note -----	1063	820095	Pulley-Pump
368	820208	Switch- Water Temperature			820841 Spacer (Radiator Fan) (10mm)	1064	825519	Housing-Outlet
415B	820182	Plug (Water Pump)	839	825446	Fan-Radiator (350mm) Used on Type No(s). 0210, 0310, 0335, 0376, 0476.	1065	820098	Gasket-Inlet Housing
415C	820052	Plug (Outlet Housing)			----- Note -----	1066	825520	Housing-Inlet
519	820030	Screw (Radiator Fan) Used on Type No(s). 0201, 0209, 0210, 0301, 0309, 0310, 0376 0476.			821013 Fan-Radiator (340mm) Used on Type No(s). 0205, 0225, 0231, 0234, 0305, 0325, 0334, 0381,0481.	1067	820100	Gasket-Water Pump
		----- Note -----			825644 Fan-Radiator (360mm) Used on Type No(s). 0201, 0209, 0301.	1068	825045	Hose/Clamp Assembly
		821233 Screw (Radiator Fan) Used on Type No(s). 0205, 0225, 0231, 0234, 0305, 0334, 0335, 0381, 0481.				1087	825639	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)

Water Pump, Radiator Fan, Fan Belt

REF NO	PART NO	QTY	DESCRIPTION
291	825064		THERMOSTAT
323	821075		BELT, Vee -(940mm)
368	820208		SWITCH, Water Temperature
415B	820182		PLUG
415C	820052		PLUG -(Outlet Housing)
519	820030		SCREW -(Radiator Fan)
601	820256		CLAMP, Hose
668A	820218		SPACER -(15mm)
839	825644		FAN, Radiator -(360mm)
1062	820093		GASKET, Outlet Housing
1063	820095		PULLEY, Pump
1064	825519		HOUSING, Outlet
1065	820098		GASKET, Inlet Housing
1066	825520		HOUSING, Inlet
1067	820100		GASKET, Water Pump
1068	825045		HOSE/CLAMP ASSEMBLY
1087	825639		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)

