Illustrated Parts List Model Series 432400 to 432499 DIESEL

TYPE NUMBERS 0205.

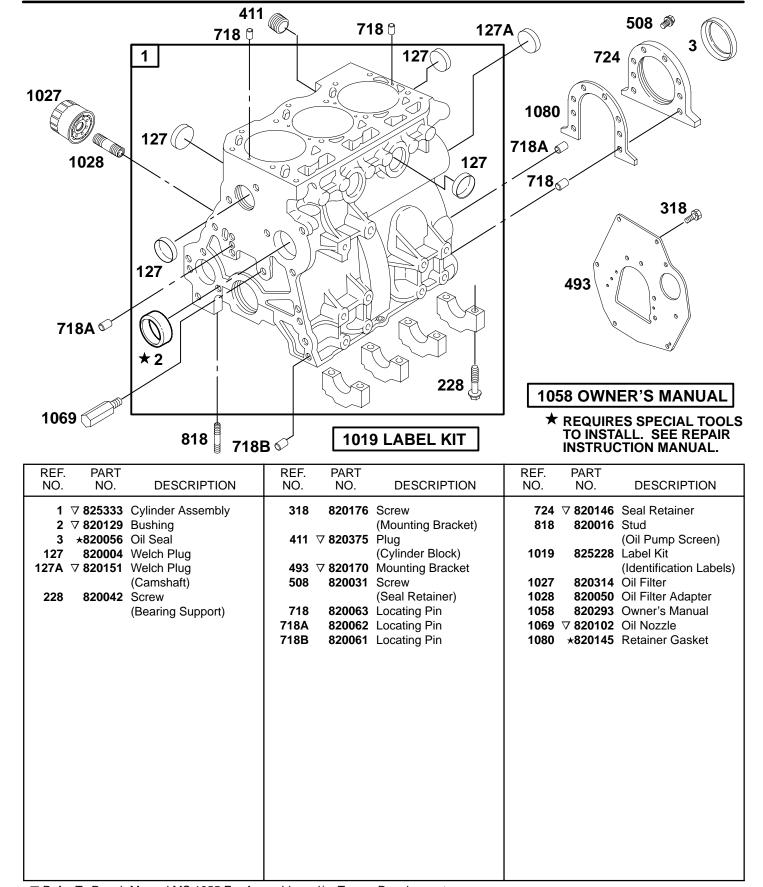
TO FIND THE CORRECT NUMBER OF THE PART YOU NEED: FOLLOW THE INSTRUCTIONS BELOW

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

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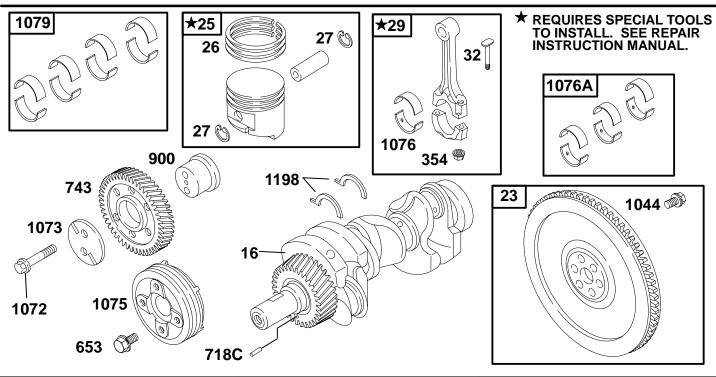


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[∇] Refer To Repair Manual MS 1055 For Assembly and/or Torque Requirements.

 [★] Included in Engine Gasket Set – Ref. No. 358
 △ Included in Valve Overhaul Kit – Ref. No. 1033

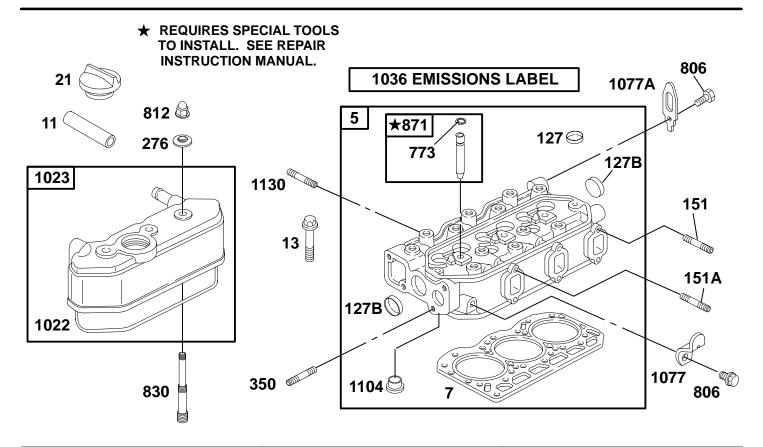


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23	▽ 825303	Crankshaft Flywheel Piston Assembly (Standard) Note 825353 Piston Assy. (.010 Oversize)		▽ 820611	(Flywheel) Screw			Main Bearing Set (Standard) ——— Note ▼ 825039 Main Bearing Set (.010 Undersize)
26	▽ 825164			820236 ▽ 820142	(Idler Gear Plate) Idler Gear Plate Crankshaft Pulley Rod Bearing (Standard)	1198	▽ 820140	Thrust Washer (Crankshaft) (Standard) — Note — ▽ 820139 Thrust
		Piston Pin Lock Connecting Rod Screw	1076A	▽ 825019	Rod Bearing (Standard Includes 3 Sets)			Washer (Crankshaft) (.005 Oversize)
354	820073	(Connecting Rod)			Note → Note → 825060 Rod Bearing Set (.010 Undersize)			
653	820079	(Crankshaft Pulley)			(Includes 3 Sets)			

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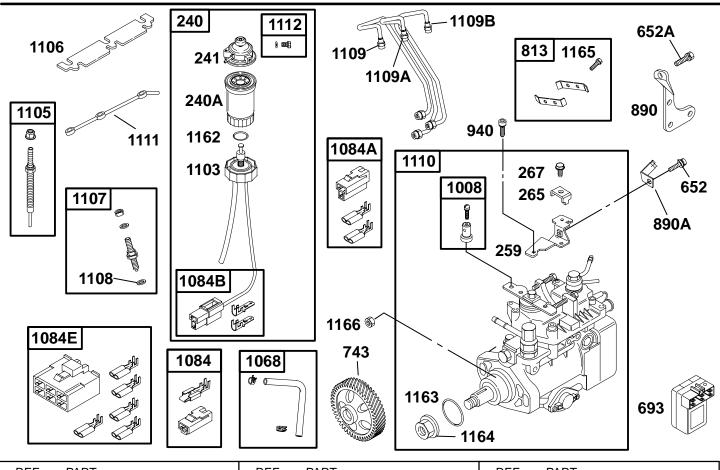


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
5	▼ 825343 *△820658 820380 820623 825024 820005	Cylinder Head Cylinder Head Gasket Breather Tube Screw (Cylinder Head) Oil Fill Cap Welch Plug Welch Plug	151A	820466 ★∆820064 820078	Stud (Exhaust Manifold) Sealing Washer Stud (Water Pump) Retainer	830 871	820076	Stud (Rocker Arm) Guide Bushing Rocker Cover Gasket Rocker Cover Emissions Label Lifting Bracket Lifting Bracket Combustion Chamber

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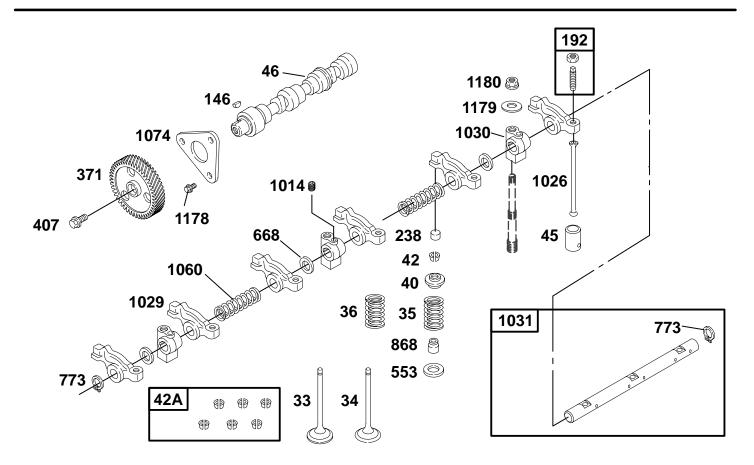
 ∆ Included in Valve Overhaul Kit – Ref. No. 1033



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
240 240A 241 259 265 267 652 652A 693 743 813 890 890A	825219 820311 820344 820634 820225 820229 820592 820272 820373 820619 825197 820415	Fuel Filter Fuel Filter Fuel Filter Filter Cover Casing Clamp Bracket Casing Clamp Screw (Casing Clamp) Screw (Support Bracket) Screw (Support Bracket) Module (Pre–Heat Timer) Drive Gear	940 1008 1068 1084 1084A 1084B 1084E 1103 1105 1106 1107	820447 825179 825266 825157 825156 825162 820347 825176 820409	Screw (Casing Clamp Bracket) Swivel Clamp Hose/Clamp Assembly (Fuel Return) Terminal Connector (Injection Pump)	1108 1109 1109A 1109B 1110 1111 1112 1162 1163 1164 1166	820411 825181 825182 825183 825430 820412 825198 820348	Injector Seat Injector Pipe #1 Injector Pipe #2 Injector Pipe #3 Injection Pump Fuel Return Pipe Vent Plug O-Ring Seal (Fuel Filter Sensor) O-Ring Seal (Injection Pump Shaft) Nut (Injection Pump Shaft)

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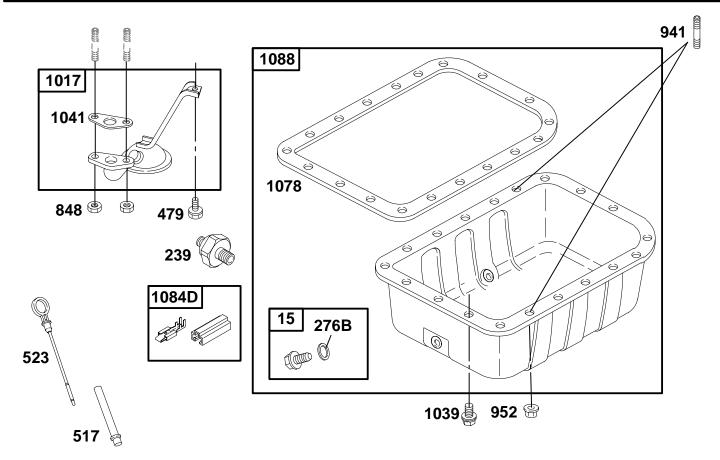
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
33 34 35	820403	Exhaust Valve Intake Valve Valve Spring	46 146 192	691639 825041	Cam Shaft Timing Key Rocker Arm Adjuster		▽ 820387 ▽ 820106	Push Rod Rocker Arm Rocker Arm Support
36		(Intake) Valve Spring (Exhaust)	238 371 407			1060 1074	▽ 820044 820118	Rocker Arm Shaft Rocker Shaft Spring Camshaft Retainer
40 42	820111 825042	Valve Retainer Valve Keeper (Contains 1 Set) (6 Req.)	553 668 773	▽ 820065	(Cam Gear) Valve Spring Retainer Rocker Shaft Spacer Retainer	1178		Screw (Camshaft Retainer) Washer (Rocker Arm Support)
42A	825082	Valve Keeper (Contains 6 Sets)	868 1014	820405	Valve Seal Screw	1180	820070	
45	820110	Valve Tappet			(Rocker Arm Support)			

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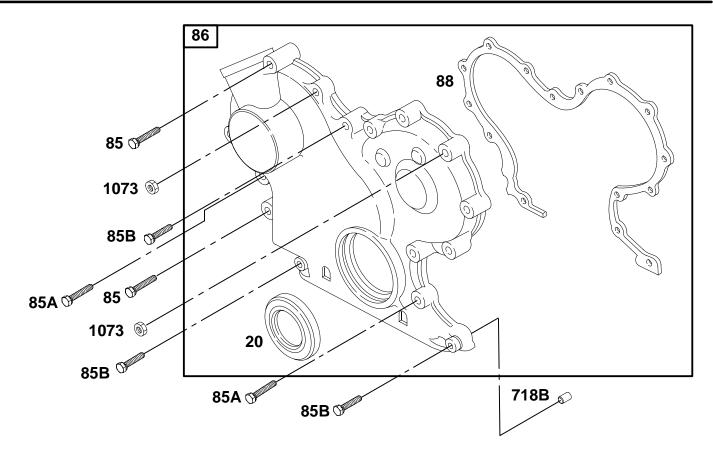
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
15	825278	Oil Drain Plug	479	820034		1039	820034	
		(16 mm Dia. Plug, Requires 2 For Dual	517		(Oil Pump Screen) Dipstick Tube	1041	★820104	(Oil Pan) Oil Pump Screen
		Drain Oil Pans)	523		Dipstick			Gasket
239		Oil Pressure Switch	848	820069		1078		Oil Pan Gasket
276B	★820582	Sealing Washer			(Oil Pump Screen)	1084D	825154	Connector
		(16 mm Dia. Plug,	941	820017		4000	₩ 005005	(Oil Pressure Switch)
		Requires 2 For Dual	952	820068	(Oil Pan)	1088	▽ 825285	
		Drain Oil Pans)	932	020000	(Oil Pan)			(Dual Drain–16 mm Dia. Plugs)
			1017	▽ 825089	Oil Pump Screen			Dia. Flugs)
			1017	V 023003	On I drip ocicen			

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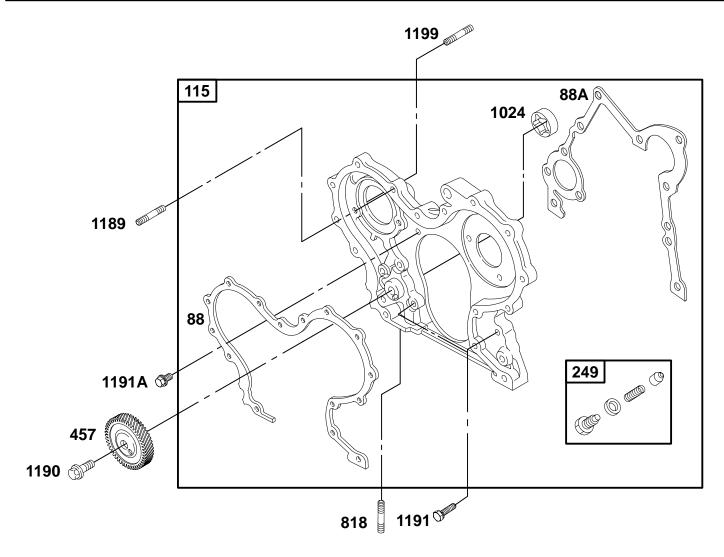
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REF. PART REF. PART REF. PART NO. NO. DESCRIPTION NO. NO. NO.	DESCRIPTION
20 ★820055 Oil Seal 85A 820029 Screw 86 ♥ 825185 85 820425 Screw (Gear Cover Assembly) 85B 820027 Screw (Gear Cover Gear Cover (Gear (Gear Cover (Gear (Gea	Gear Cover Assembly Gear Cover Gasket Locating Pin

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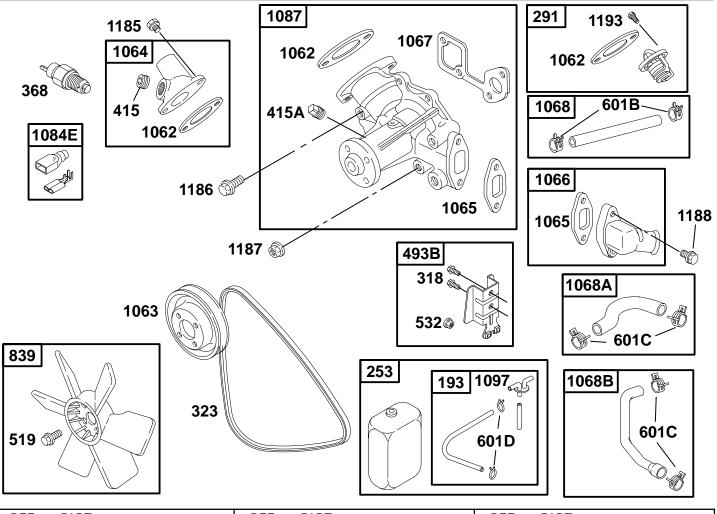
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
88 88A 115 249	*820377 *820155 ▽ 825186 ▽ 825032	Gear Cover Gasket Gear Cover Gasket Gear Housing Oil Relief Valve Oil Pump Drive Gear	NO. 1024 1189 1190		Oil Pump (Sold in Gear Hsg. Only, Ref 115) Stud (Gear Housing)	NO. 1191 1191A 1199	NO. 820030 820033 820426	

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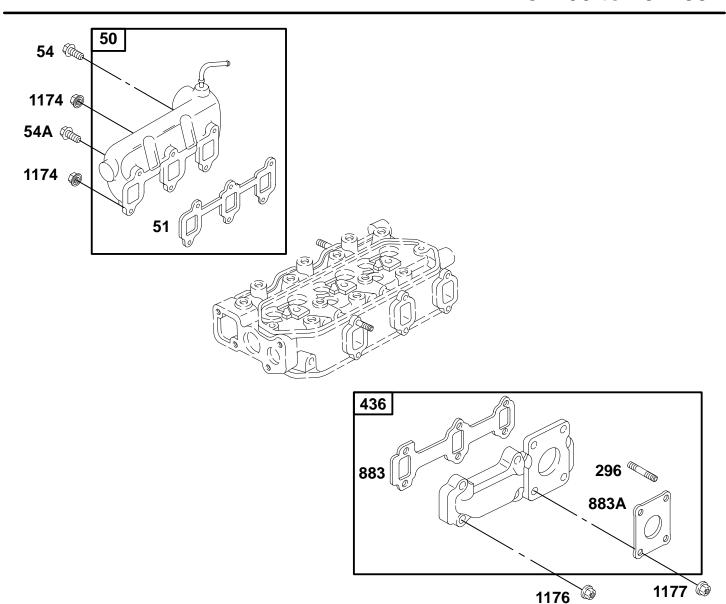
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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
193	825427	Reserve Tank Hose (Cut Hose To Length)	532	820011	Nut (Mounting Bracket)	1084E	825160	Terminal Connector (Water Temperture
253	825428	Reserve Tank	601B	820045	Hose Clamp			Switch)
291	825064	Thermostat	601C		Hose Clamp	1087	▽ 825265	Water Pump
318	820033	Screw	601D	820257	Hose Clamp	1097	▽ 820287	Surge Tank Cap
		(Mounting Bracket)	839		Radiator Fan	1185	820031	
	∇ 820239		1062		Outlet Housing Gasket			(Outlet Housing)
368	820208	Water Temperture	1063		Pump Pulley	1186	820022	Screw
.		Switch	1064		Outlet Housing	440=		(Water Pump)
415	820052		1065		Inlet Housing Gasket	1187	820181	
415A	820182	· ·	1066	825051	J	4400	000004	(Water Pump)
493D		Mounting Bracket	1067		Water Pump Gasket	1188	820031	
519	820034	(Radiator Fan)	1068 1068A		Hose/Clamp Assembly Hose/Clamp Assembly	1193	820185	(Inlet Housing) Screw
		(Nadiator Fair)	1068B		Hose/Clamp Assembly	1193	020103	(Thermostat)
			10000	023133	11036/Clamp Assembly			(Theimostat)

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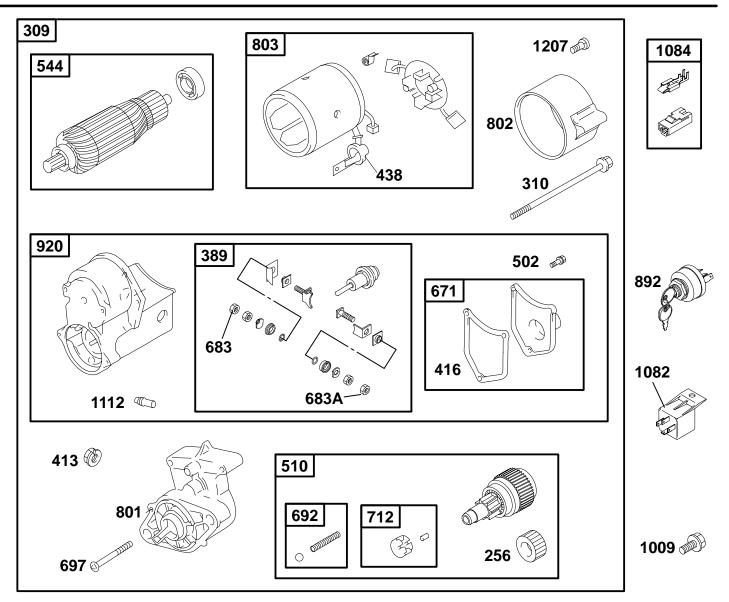
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REF NO.		DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
50	▽ 825175 ⋆∆820407 820031	Intake Manifold Intake Gasket	296 436	820584 ▽ 825055 ★△820817	Stud (Muffler Mounting)	1174 1176 1177	820069 820010 820178	

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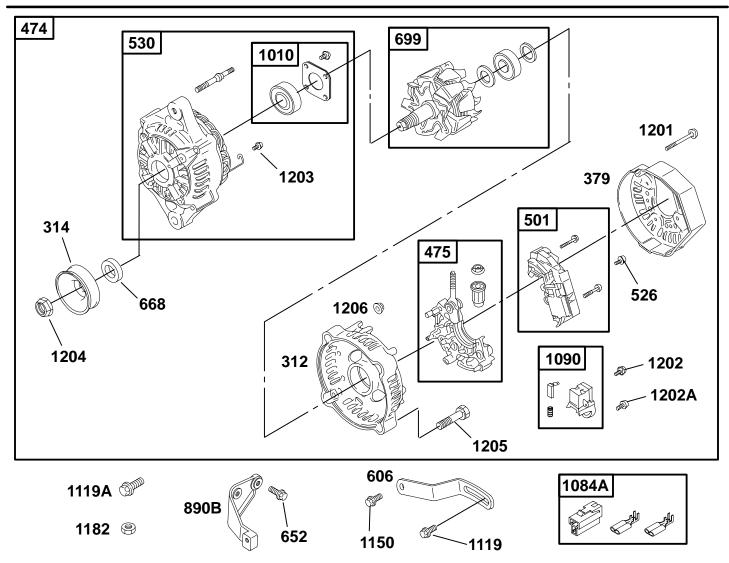


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
256 309 310 389 413 416 438 502 510 544 683	825083 820755 825436 820067 820733 820725 820739	(Starter Motor) Plunger/Terminal Kit Nut (Starter Motor) Solenoid Cover Gasket Terminal Boot Screw (Solenoid Cover) Starter Drive Starter Armature	683A 671 692 697 712 801 802 803	825425 820751 825424 825396	(Solenoid Terminal) Solenoid Cover Spring Detent Screw (Drive Cap) Clutch Roller Drive Cap End Cap	892 920 1009 1084 1082 1112 1207	825398 820019 825266 820455	(Starter Motor) Terminal Connector (Starter Terminal) Starter Relay Vent Plug

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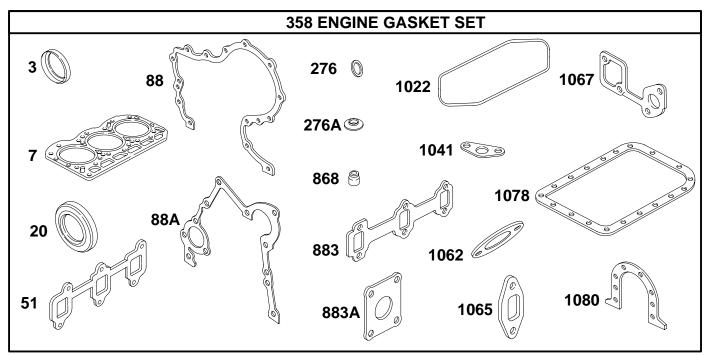
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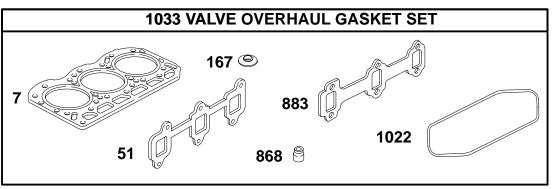


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
312 314 379 474 475 501 526 530 606 652 668 699	820711 820703 825084 825385 825388 820702 825383	(40 Amp.) Rectifier Regulator Screw (Rectifier) Drive End Housing Adjusting Strap Screw (Support Bracket) Spacer (Support Bracket)	890B 910 1010 1084A 1090 1119 1119A 1150 1182 1201	820690 825384 825157	(Alternator) Bearing Retainer Terminal Connector Brush Retainer Screw (Alternator) Screw (Alternator) Screw (Adjusting Strap) Nut (Alternator)	1202 1202A 1203 1204 1205 1206	820701 820702 820702 820705 820707 820709	(Brush Retainer) Screw (Ground Terminal) Nut (Alternator Pulley)

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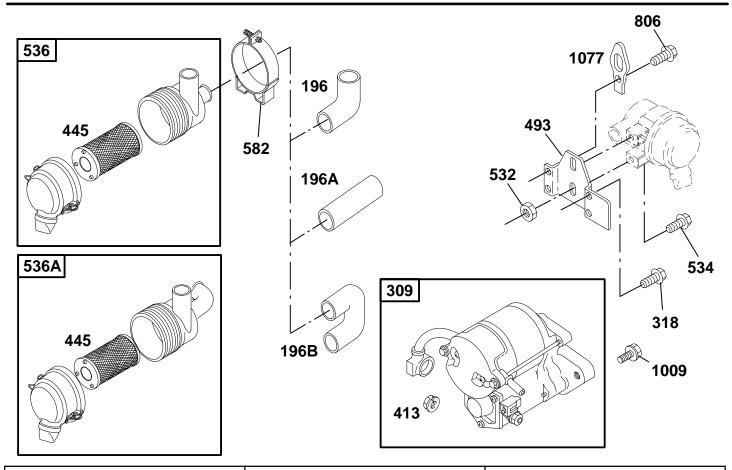




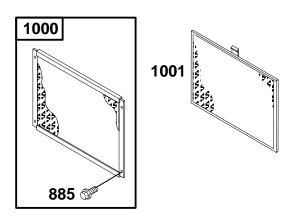
REF. PART NO. NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
3 ★820056 7 ★△820658 20 ★820055 51 ★△820407 88 ★820377	Oil Seal Cylinder Head Gasket	276 276A 358 868 883 883A	*820582 *△820064 825212 *△820405 *△820817 *820670	Sealing Washer (16 mm Dia. Plug)	1033 1041 1062 1065	825213 ★820104 ★820093 ★820098 ★△820100 ★820137	Valve Overhaul Gasket Set Oil Pump Screen Gasket

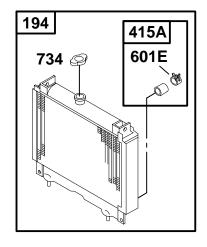
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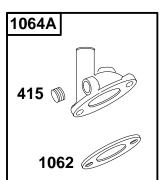
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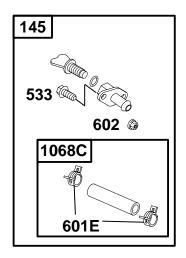


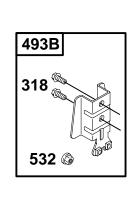
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION				
196		Air Cleaner Connector (90 Degree)	493		(Air Cleaner)	1009	820019	(Starter Motor)				
196A	820555	(Straight)	532	820070	Nut (Mounting Bracket)			Note 820451 Screw				
196B	820556	Air Cleaner Connector (180 Degree) Starter Motor	534	820273	Screw (Air Cleaner)			(Used To Mount Starter To SAE				
318	820212	(1.2 KW)	536	825117	Air Cleaner (With Vacuum Adaptor)			Housings) 820265 Screw				
413	820067	(Mounting Bracket)	(Mounting Bracket) Nut (Starter Motor)	(Mounting Bracket)	(Mounting Bracket)	(Mounting Bracket)	(Mounting Bracket) 536A	825118	118 Air Cleaner (90 Degree Elbow			(Used To Mount Starter to General
445				582	820230	With Vacuum Adaptor)	1077	820254	Housings) Lifting Bracket			
443	020203	Filter	806	820024	·			9				
					(Emmig Bracket)							

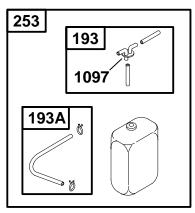




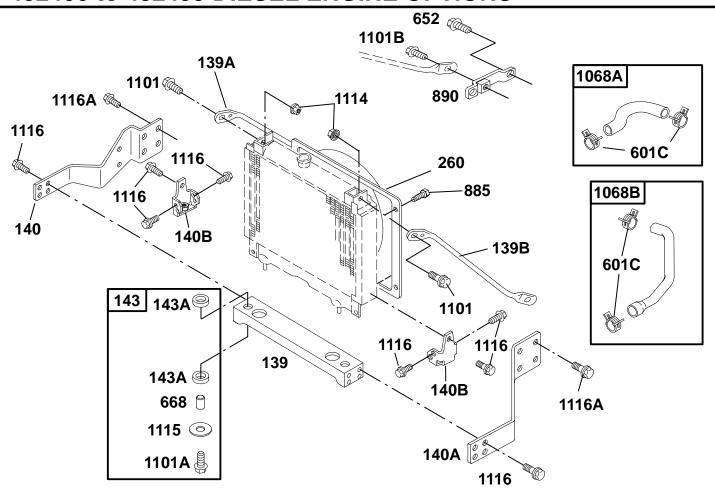




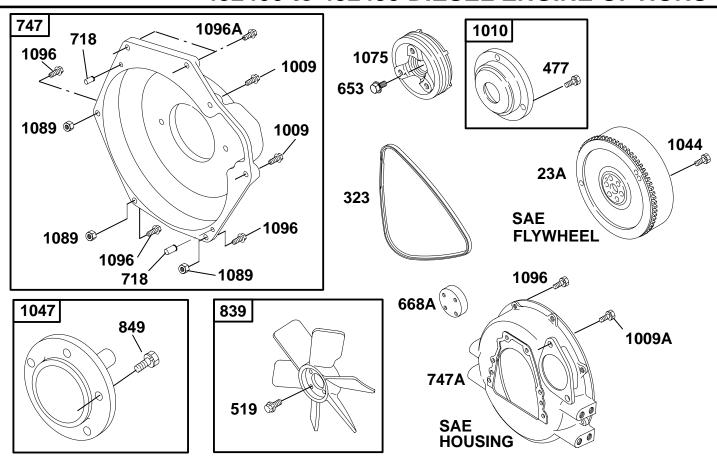




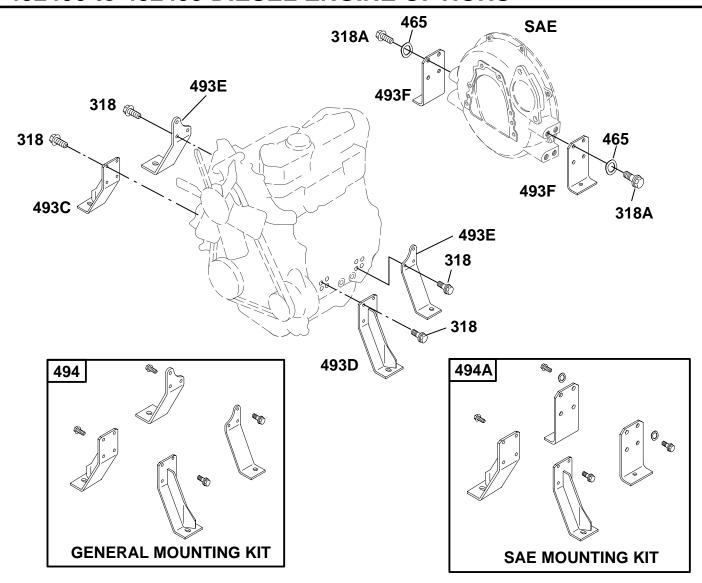
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
145 193		Drain Valve Reserve Tank Hose/Cap Ass'y (Cut Hose To Length)	493B 532 533	825314 820303 820034	Mounting Bracket Nut (Mounting Bracket) Screw	885	820636	Screw (Radiator Guard) (Used After Code Date 98082000).
193A	825428	Reserve Tank Hose			(Drain Valve)			Note
194	825068	Radiator	601E	820201	Hose Clamp			820394 Screw
253	825069	Reserve Tank	602	820011	Nut			(Radiator Guard)
318	820034				(Drain Valve)			(Used Before Code
l		(Mounting Bracket)	734	820258	Radiator Cap			Date 98082100).
415	820052					1000	825103	Radiator Guard
4454	005075	(Outlet Housing)				1001 1062		Radiator Screen Outlet Housing Gasket
415A	825075	Plug (Radiator Drain)				1062 1064A		Outlet Housing Gasket Outlet Housing
		(Nadiator Diairi)				1068C		Hose/Clamp Assembly
						1097		Surge Tank Cap
								5 9 · · · · · · · · · · · · · · · · ·



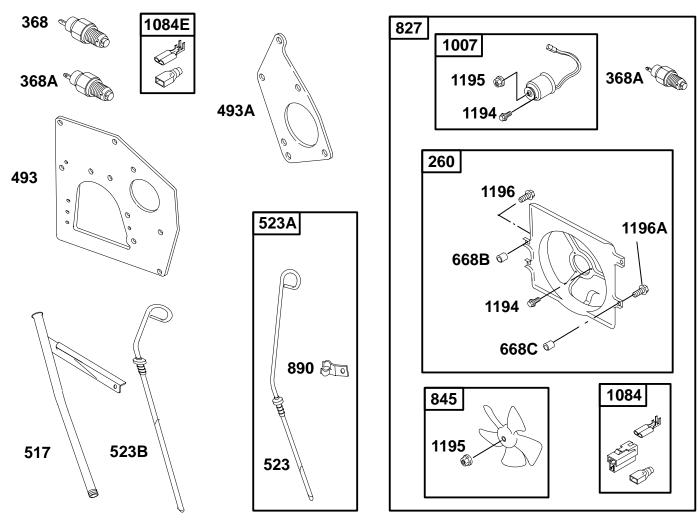
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
139 139A 139B 140 140A 140B 143 143A 260 601C 652 668	820255 820617 820191 820192 820193 820294 825135 820198	Radiator Support (Front) Radiator Support (Right Hand) Radiator Support (Left Hand) Radiator Bracket (Right Hand) Radiator Bracket (Left Hand) Radiator Bracket Radiator Bracket Radiator Mount Radiator Mount Fan Shroud Clamp Screw (Radiator Support)	890 1068A 1068B 1101 1101A	820636 820194 825134 825133	Screw (Fan Shroud) (Used After Code Date 98082000). Note 820394 Screw (Fan Shroud) (Used Before Code Date 98082100). Support Bracket (Radiator) Hose/Clamp Asembly (Outlet)	1101B 1114 1115 1116 1116A	820273 820070 820296 820174 820024	Screw (Radiator Support) Nut (Radiator Support) Washer (Radiator Mount) Screw (Radiator Bracket)



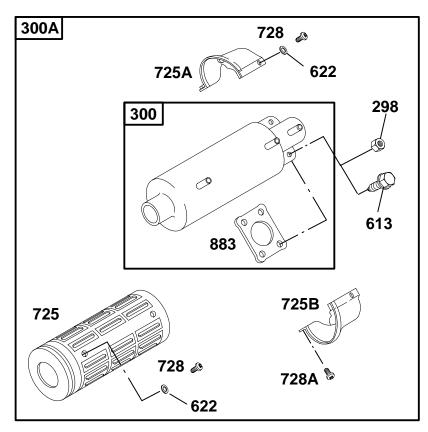
REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
23A	▼ 825071 ▼ 820271 820199 820032 820079 820218	Flywheel Assembly Vee Belt (940 mm Length) ————————————————————————————————————	747 747A	▽ 825098	Flywheel Housing (KTR®) (Small Pilot, 2 Holes) ————————————————————————————————————	1009A 1010 1044	820451 825079 820080 ▽ 825268	Screw (Starter Motor) Bearing Retainer Screw (Flywheel) Stub Shaft (1 1/8" Dia. Shaft) — Note 825078 Stub Shaft (1 7/16" Dia. Shaft) 825123 Stub Shaft (1" Dia. Shaft) 825269 Stub Shaft (28.55 mm Dia. Shaft) Crankshaft Pulley Nut (Flywheel Housing) Screw (Flywheel Housing)

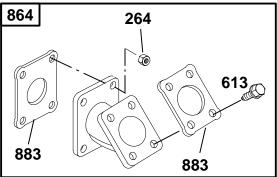


REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
318	NO. 820024		318A 465 493C 493D	820306 820449 820551 820548		493E 493F 494 494A	820549 820550 825214 825215	Mounting Bracket (Rear General) Mounting Bracket (Rear SAE) Engine Mount (General Mounting Kit) Engine Mount (SAE Mounting Kit)



REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
260 368 368A 493	825132 820208 820277 ▽ 820283 ▽ 820147	DESCRIPTION Fan Shroud Water Temperture Switch (For Light) Water Temperture Switch (For Fan Switch 92° Centigrade) Mounting Bracket Mounting Bracket Dipstick Tube	523 523A 523B 668B 668C 827 845 890 1007 1084	820572 825287 825643 820280 820279 825217 825131 820238	Dipstick Dipstick Assembly Dipstick Assembly Spacer Spacer Fan Motor Kit	NO. 1084E 1194 1195 1196 1196A		Terminal Connector (Water Pump Switch) Screw (Fan Motor) Nut (Fan Motor) Screw (Fan Shroud)





PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
820178		613	820023		728	820429	
820178	Nut	622	820631	Washer	728A	820431	(Heat Shield) Screw (Heat Shield)
	Exhaust Muffler	725		Heat Shield	864		Muffler Adaptor
825200	Exhaust Muffler	725A 725B			883	820670	Exhaust Gasket
	NO. 820178 820178 825301	NO. DESCRIPTION 820178 Nut (Muffler Adapter) 820178 Nut (Muffler)	NO. DESCRIPTION NO. 820178 Nut (Muffler Adapter) 613 820178 Nut (Muffler) 622 825301 Exhaust Muffler 725 825200 Exhaust Muffler 725A	NO. DESCRIPTION NO. NO. 820178 Nut (Muffler Adapter) 613 820023 820178 Nut (Muffler) 622 820631 825301 Exhaust Muffler 725 820423 825200 Exhaust Muffler 725A 820427	NO. DESCRIPTION 820178 Nut (Muffler Adapter) 613 820023 Screw (Exhaust Muffler) 820178 Nut (Muffler) 622 820631 Washer (Heat Shield) 825301 Exhaust Muffler 725 820423 Heat Shield 825200 Exhaust Muffler 725A 820427 Heat Shield	NO. DESCRIPTION NO. NO. DESCRIPTION NO. 820178 Nut (Muffler Adapter) 613 820023 Screw (Exhaust Muffler) 728 820178 Nut (Muffler) 622 820631 Washer (Heat Shield) 728A 825301 Exhaust Muffler 725 820423 Heat Shield 864 825200 Exhaust Muffler 725A 820427 Heat Shield 883	NO. DESCRIPTION NO. NO. DESCRIPTION NO. NO. 820178 Nut (Muffler Adapter) 613 820023 Screw (Exhaust Muffler) 728 820429 820178 Nut (Muffler) 622 820631 Washer (Heat Shield) 728A 820431 825301 Exhaust Muffler 725 820423 Heat Shield 864 825358 825200 Exhaust Muffler 725A 820427 Heat Shield 883 820670