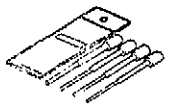
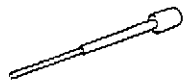
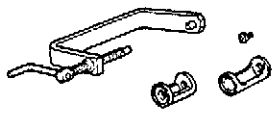
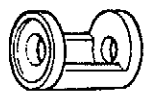
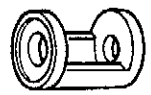
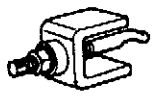
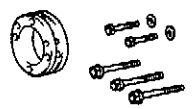
ENGINE MECHANICAL

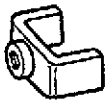
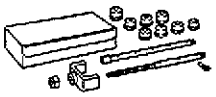
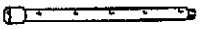
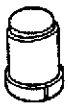
PREPARATION

SST (SPECIAL SERVICE TOOLS)

500AY-1U

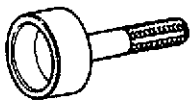
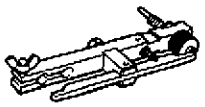
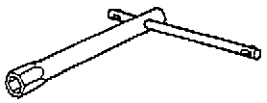
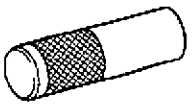
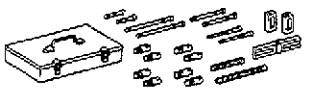
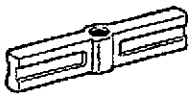
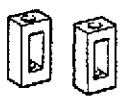
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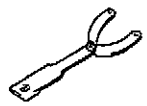
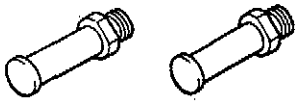
	09201—10000	Valve Guide Bushing Remover & Replacer Set	
	(09201—01070)	Valve Guide Bushing Remover & Replacer 7	15B—F, 15B—FT
	(09201—01080)	Valve Guide Bushing Remover & Replacer 8	3B, 14B
	09202—70020	Valve Spring Compressor	
	(09202—00010)	Attachment	15B—F, 15B—FT
	(09202—00030)	Attachment	3B, 14B
	09208—48010	Combustion Chamber Remover	3B
	09213—58012	Crankshaft Pulley Holding Tool	
	(90105—08076)	Bolt	BB
	(90201—08131)	Washer	BU
	(91111—50845)	Bolt	BU
	09215—00013	Crankshaft Bearing Remover & Replacer Set "B"	

	(09215–00021) Gate "B"	
	(09215–00441) Camshaft Bearing Remover & Replacer	
	(09215–00471) Camshaft Bearing Remover & Replacer	
	09215–00101 Camshaft Bearing Remover & Replacer Set "A"	
	(09215–00130) Bolt	
	(09215–00141) Nut	
	(09215–00150) Shaft "A"	
	(09215–00161) Pin	
	(09215–00211) Remover & Replacer	
	09222–58012 Connecting Rod Bushing Remover & Replacer	
	(09222–01022) Remover & Replacer	15B–F, 15B–FT
	(09222–01031) Guide	15B–F, 15B–FT
	(09222–01041) Base	15B–F, 15B–FT
	09222–58021 Connecting Rod Bushing Remover & Replacer	

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	(09222—04016)	Remover & Replacer	3B, 14B
	(09222—04021)	Guide	3B, 14B
	(09222—04026)	Base	3B, 14B
	09223—46011	Crankshaft Front Oil Seal Replacer	Camshaft oil seal
	09223—56010	Crankshaft Rear Oil Seal Replacer	
	09275—54011	Plunger Stroke Measuring Tool	
	09275—54020	Maximum Speed Adjusting Screw Lock Nut Wrench	15B—FT
	09308—10010	Oil Seal Puller	Crankshaft front oil seal
	09330—00021	Companion Flange Holding Tool	Crankshaft pulley
	09608—06041	Front Hub Inner Bearing Cone Replacer	Crankshaft pulley Crankshaft timing gear
	09950—50010	Puller C Set	
	(09951—05010)	Hanger 150	Crankshaft pulley Crankshaft timing gear
	(09952—05010)	Slide Arm	Crankshaft pulley Crankshaft timing gear
	(09953—05010)	Center Bolt 100	Crankshaft pulley Crankshaft timing gear

	(09953—05020) Center Bolt 150	Crankshaft pulley Crankshaft timing gear
	(09954—05030) Claw No.3	Crankshaft pulley Crankshaft timing gear
	09950—70010 Handle Set	
	(09951—07100) Handle 100	Valve guide bushing
	09960—10010 Variable Pin Wrench Set	
	(09962—01000) Variable Pin Wrench Arm Assy	Camshaft timing gear
	(09963—01000) Pin 10	Camshaft timing gear
	09992—00024 Cylinder Compression Check Gauge Set	
	(09992—00160) No. 5 Attachment	3B
	(09992—00211) Gauge Assy	3B, 14B, 15B—F, 15B—FT
	(09992—00250) No. 7 Attachment	14B
	09992—00400 Attachment No.7	15B—F, 15B—FT

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RECOMMENDED TOOLS

	09040—00010 Hexagon Wrench Set.	
	09200—00010 Engine Adjust Kit.	
	09904—00010 Expander Set.	

EQUIPMENT

Caliper gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune—up tester	
Heater	
Micrometer	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
V—block	
Vernier calipers	

SSM (SERVICE SPECIAL MATERIALS)

	08826—00100 Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	Water drain union