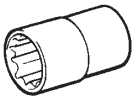
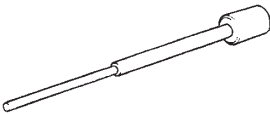
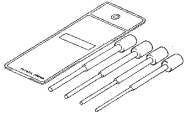
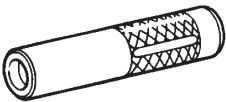
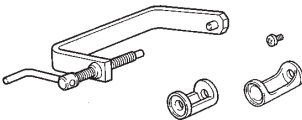
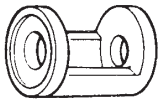
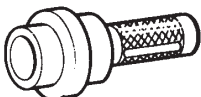


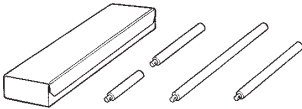
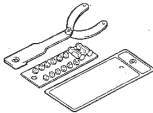
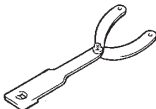
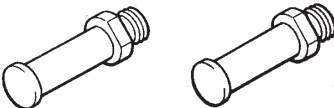
ENGINE MECHANICAL

PREPARATION

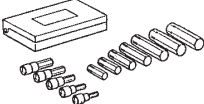
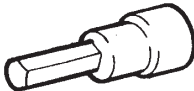
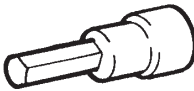
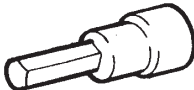
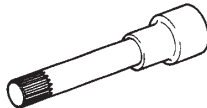
0214A-01

SST

	09011-38121	12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK (1ZZ-FE/3ZZ-FE)
	09032-00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	09201-01055	Valve Guide Bushing Remover & Replacer 5.5	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09201-10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09201-41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09202-70020	Valve Spring Compressor	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	(09202-00010)	Attachment	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09205-16010	Cylinder Head Bolt Wrench	CYLINDER BLOCK (1ZZ-FE/3ZZ-FE)
	09222-30010	Connecting Rod Bushing Remover & Replacer	CYLINDER BLOCK (1ZZ-FE/3ZZ-FE)
	09223-15030	Oil Seal & Bearing Replacer	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	09223-22010	Crankshaft Front Oil Seal Replacer	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	09228-06501	Oil Filter Wrench	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)

	09950-70010 Handle Set	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE) CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	(09951-07100) Handle 100	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE) CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09960-10010 Variable Pin Wrench Set	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	(09962-01000) Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	(09963-01000) Pin 10	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)

Recommended Tools

	09040-00011 Hexagon Wrench Set	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE) CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	(09043-20100) Socket Hexagon Wrench 10	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	(09043-20120) Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)
	(09043-20100) Socket Hexagon Wrench 10	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE)
	09043-50100 Bi-hexagon Wrench 10 mm	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)

SSM

	08826-00080 Seal Packing Black or equivalent (FIPG)	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE) CYLINDER BLOCK (1ZZ-FE/3ZZ-FE)
	08826-00100 "Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	PARTIAL ENGINE ASSY (1ZZ-FE/3ZZ-FE)

PREPARATION – ENGINE MECHANICAL

08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	CYLINDER HEAD ASSY (1ZZ-FE/3ZZ-FE) CYLINDER BLOCK (1ZZ-FE/3ZZ-FE)
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Equipment

Wooden block	
Spring tension gauge	
Vernier calipers	
V-block	
Dial indicator	
Micrometer	
Torque wrench	
Heater	
Precision straight edge	
Feeler gauge	
Caliper gauge	
Steel square	
Plastigage	
Valve seat cutter	
Ride reamer	
Piston ring expander	
Plastic hammer	
Cylinder gauge	
Connecting rod aligner	
Piston ring compressor	