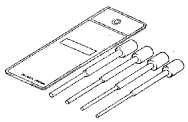
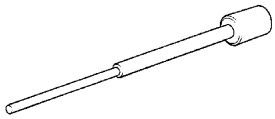
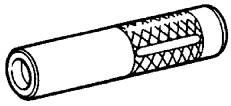
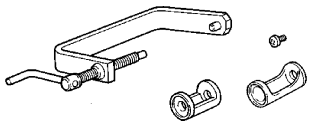
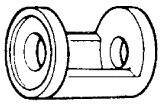
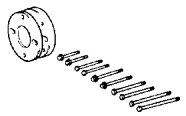
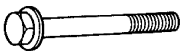
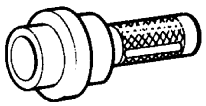
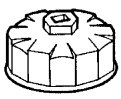
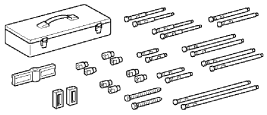
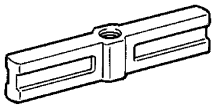
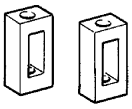
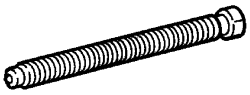
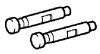
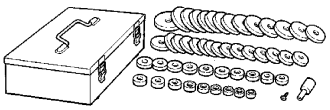
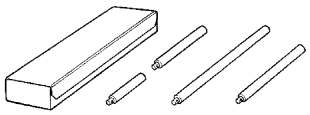
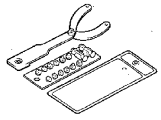
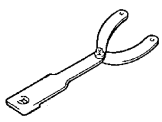
ENGINE MECHANICAL

PREPARATION

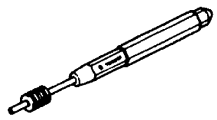
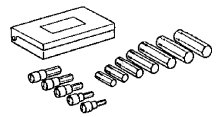
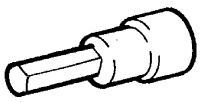
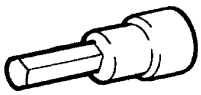
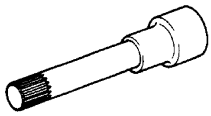
020VQ–01

SST

	09032–00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09201–10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	(09201–01050)	Valve Guide Bushing Remover & Replacer 5	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	09201–41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	09202–70020	Valve Spring Compressor	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	(09202–00010)	Attachment	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	09213–54015	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(91651–60855)	Bolt	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09223–15030	Oil Seal & Bearing Replacer	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09223–22010	Crankshaft Front Oil Seal Replacer	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09228–06501	Oil Filter Wrench	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09309–37010	Transmission Bearing Replacer	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)

	09330–00021	Companion Flange Holding Tool	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09950–50013	Puller C Set	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09951–05010)	Hanger 150	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09952–05010)	Slide Arm	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09953–05020)	Center Bolt 150	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09954–05021)	Claw No.2	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09950–60010	Replacer Set	CYLINDER BLOCK(1AZ–FE/2AZ–FE)
	(09951–00200)	Replacer 20	CYLINDER BLOCK(1AZ–FE/2AZ–FE)
	09950–70010	Handle Set	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE) CYLINDER BLOCK(1AZ–FE/2AZ–FE) PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09951–07100)	Handle 100	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE) CYLINDER BLOCK(1AZ–FE/2AZ–FE) PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09960–10010	Variable Pin Wrench Set	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09962–01000)	Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09963–00700)	Pin 7	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)

Recomended Tools

	09031–00040	Pin Punch .	CYLINDER HEAD ASSY(1AZ–FE/2AZ–FE)
	09040–00011	Hexagon Wrench Set	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09043–20060)	Socket Hexagon Wrench 6	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09043–20120)	Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	09043–50100	Bi–hexagon Wrench 10 mm	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	(09203–00010)	Thickness Gauge	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)

Equipment

12 mm Socket Wrench for 12 Pointed Head	
Reamer	
V–block	
Piston ring compressor	
Piston ring expander	
Valve seat cutter	
Cylinder gauge	
Feeler gauge	
Micrometer	
Precision straight edge	
Steel square	
Torque wrench	
Dial indicator with magneticbase	
Vernier calipers	
Spring tension gauge	
Plastic Hammer	
Plastigage	
Heater	

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)

	08826–00100 ”Seal Packing 1282B,” THREE BOND 1282B or equivalent (FIPG)	PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)
	08833–00070 ”Adhesive 1324,” THREE BOND 1324 or equivalent	CYLINDER BLOCK(1AZ–FE/2AZ–FE) PARTIAL ENGINE ASSY(1AZ–FE/2AZ–FE)