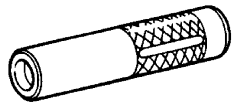
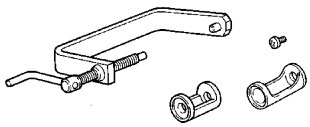
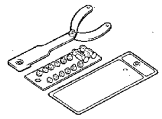
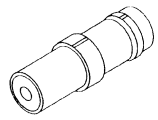
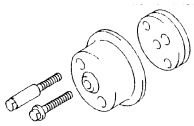
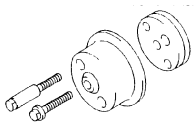
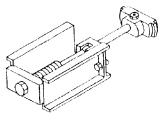
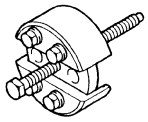
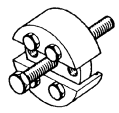
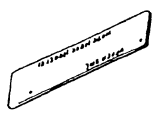
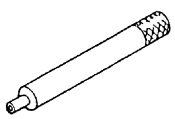
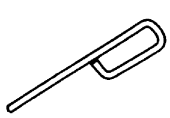
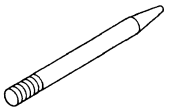
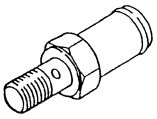
ENGINE MECHANICAL

022E7–01

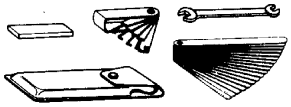
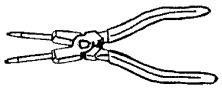
PREPARATION

SST

	09201–41020	Valve Stem Oil Seal Replacer	CAMSHAFT HOUSING AND CYLINDER HEAD
	09202–70020	Valve Spring Compressor	CAMSHAFT HOUSING AND CYLINDER HEAD
	09960–10010	Variable Pin Wrench Set	CAMSHAFT HOUSING AND CYLINDER HEAD
	S0940–21480	Press sub–Assy	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S0940–71030	Oil Seal Press	CRANKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	S0940–71040	Oil Seal Press	CRANKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	S0942–01720	Sylinder liner puller	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S0942–01731	Oil Seal Puller	CRANKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	S0942–01742	Oil Seal Puller	CRANKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	S0944–41630	Gauge	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S0947–21210	Bar	CAMSHAFT HOUSING AND CYLINDER HEAD
	S0947–21620	Tool	PISTON, CRANKSHAFT AND CYLINDER BLOCK

	S0948–11140	Guide	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S0948–11340	Guide	CRANKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	S9001–24262	Check Bolt	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S9191–08252	Bolt	PISTON, CRANKSHAFT AND CYLINDER BLOCK
	S9800–06100	Steel Ball	CAMSHAFT HOUSING AND CYLINDER HEAD

Recomended

	09200–00010	Engine Adjust Kit	CAMSHAF HOUSING AND CYLINDER HEAD
	09905–00013	Snap Ring Pliers	TIMING GEAR

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	CAMSHAFT HOUSING AND CYLINDER HEAD INTAKE MANIFOLD CRANCKSHAFT FRONT END, OIL PAN, FLYWHEEL AND FLYWHEEL HOUSING
	08833–00070	”Adhesive 1324,” THREE BOND 1324 or equivalent	TIMING GEAR

Equipment

Abrasive compound	
Connecting rod aligner	
Cylinder gauge	
Dial gauge	
Dye penetrant	
Heater	
Micrometer	
Piston ring compressor	
Piston ring expander	
Precision straight edge	
Press	

Press Sliding hammer	
Soft brush	
Solvent	
Spring tester	
Steam cleaner	
Steel square	
Straight edge	
Torch	
Torque wrench	
Valve guide bushing brush	
Valve seat cutter	
V–block	
Vernier calipers	
Wire brush	