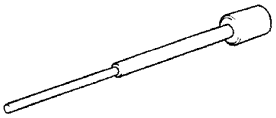
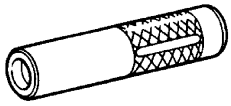
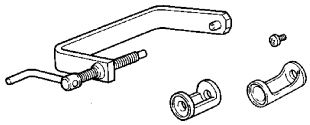
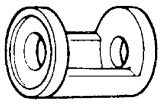
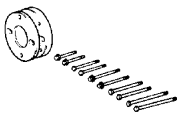
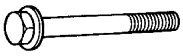
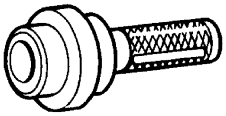
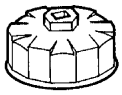
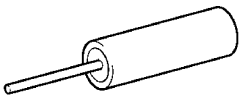
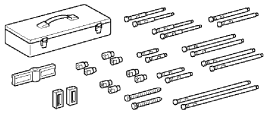
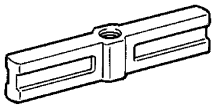
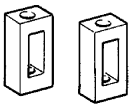
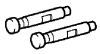
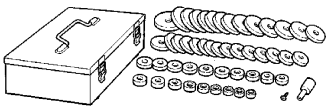
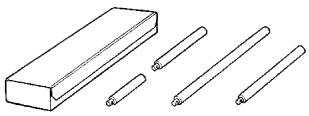
ENGINE MECHANICAL

PREPARATION

024D2–02

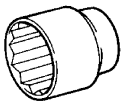
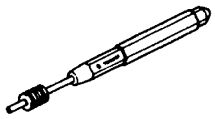
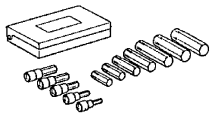
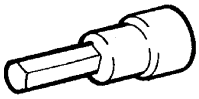
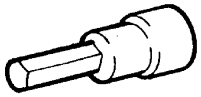
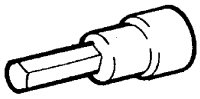
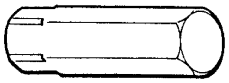
SST

	09032–00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY(2TR–FE)
	09201–01055	Valve Guide Bushing Remover & Replacer 5.5	CYLINDER HEAD ASSY(2TR–FE)
	09201–41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY(2TR–FE)
	09202–70020	Valve Spring Compressor	CYLINDER HEAD ASSY(2TR–FE)
	(09202–00010)	Attachment	CYLINDER HEAD ASSY(2TR–FE)
	09213–54015	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY(2TR–FE)
	(91651–60855)	Bolt	PARTIAL ENGINE ASSY(2TR–FE)
	09222–30010	Connecting Rod Bushing Remover & Replacer	CYLINDER BLOCK ASSY(2TR–FE)
	09223–15030	Oil Seal & Bearing Replacer	PARTIAL ENGINE ASSY(2TR–FE)
	09223–50010	Crankshaft Front Oil Seal Replacer	PARTIAL ENGINE ASSY(2TR–FE)
	09228–07501	Oil Filter Wrench	PARTIAL ENGINE ASSY(2TR–FE)
	09276–75010	Valve Lifter Tool	CYLINDER HEAD ASSY(2TR–FE)

	09330–00021	Companion Flange Holding Tool	PARTIAL ENGINE ASSY(2TR–FE)
	09950–50013	Puller C Set	PARTIAL ENGINE ASSY(2TR–FE)
	(09951–05010)	Hanger 150	PARTIAL ENGINE ASSY(2TR–FE)
	(09952–05010)	Slide Arm	PARTIAL ENGINE ASSY(2TR–FE)
	(09953–05010)	Center Bolt 100	PARTIAL ENGINE ASSY(2TR–FE)
	(09954–05021)	Claw No. 2	PARTIAL ENGINE ASSY(2TR–FE)
	09950–60010	Replacer Set	CYLINDER HEAD ASSY(2TR–FE) CYLINDER BLOCK ASSY(2TR–FE)
	(09951–00250)	Replacer 25	CYLINDER HEAD ASSY(2TR–FE)
	(09951–00300)	Replacer 30	CYLINDER BLOCK ASSY(2TR–FE)
	(09951–00350)	Replacer 35	CYLINDER BLOCK ASSY(2TR–FE)
	(09951–00400)	Replacer 40	CYLINDER BLOCK ASSY(2TR–FE)
	09950–70010	Handle Set	PARTIAL ENGINE ASSY(2TR–FE) CYLINDER HEAD ASSY(2TR–FE) CYLINDER BLOCK ASSY(2TR–FE)
	(09951–07100)	Handle 100	CYLINDER HEAD ASSY(2TR–FE) CYLINDER BLOCK ASSY(2TR–FE)

	(09951–07150)	Handle 150	PARTIAL ENGINE ASSY(2TR–FE)

Recommended Tools

	09011–12271	Socket Wrench for 27 mm	PARTIAL ENGINE ASSY(2TR–FE)
	09031–00040	Pin Punch	CYLINDER HEAD ASSY(2TR–FE)
	09040–00011	Hexagon Wrench Set	PARTIAL ENGINE ASSY(2TR–FE) CYLINDER HEAD ASSY(2TR–FE)
	(09043–20080)	Socket Hexagon Wrench 8	CYLINDER HEAD ASSY(2TR–FE)
	(09043–20100)	Socket Hexagon Wrench 10	PARTIAL ENGINE ASSY(2TR–FE) CYLINDER HEAD ASSY(2TR–FE)
	(09043–20050)	Socket Hexagon Wrench 5	CYLINDER BLOCK ASSY(2TR–FE)
	09043–30190	Straight Hexagon Wrench 19	CYLINDER HEAD ASSY(2TR–FE)

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	PARTIAL ENGINE ASSY(2TR–FE)
	08833–00070	”Adhesive 1324” THREE BOND 1324 or equivalent	PARTIAL ENGINE ASSY(2TR–FE) CYLINDER BLOCK ASSY(2TR–FE)

Equipment

Abrasive compound	
Brush	
Caliper gauge	
Carbide cutter (30°)	
Carbide cutter (45°)	
Carbide cutter (60°)	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune–up tester	
Groove cleaning tool	
Heater	
Micrometer	
Pin hole grinder	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Press	
Reamer (5.5 mm)	
Ridge reamer	
Soft brush	
Solvent	
Spring tester	
Steel square	
Thermometer	
Torque wrench	
Torx® socket wrench	
Valve seat cutter	
Valve guide bushing brush	
V–block	
Vernier caliper	
Wire brush	