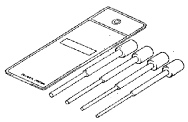
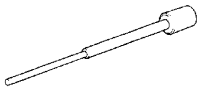
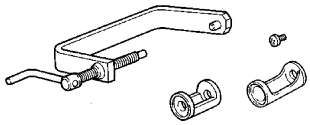
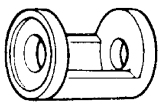
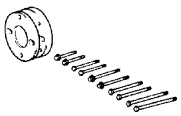
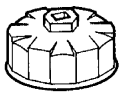
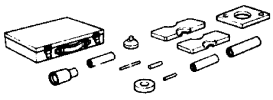
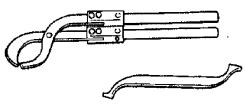
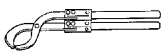
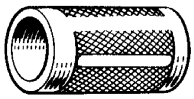
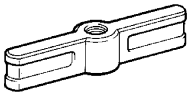
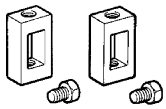
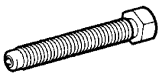
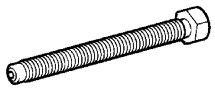
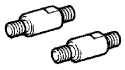
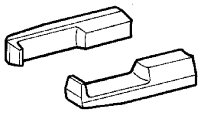
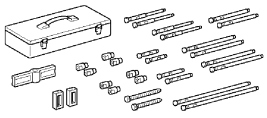
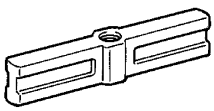
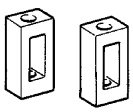
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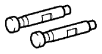
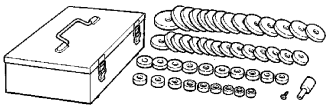
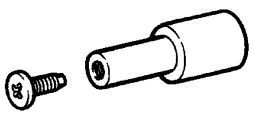
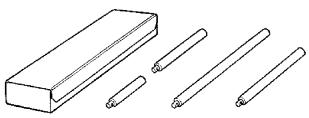
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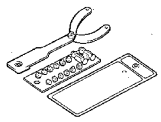
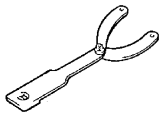
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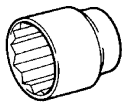
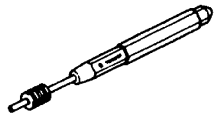
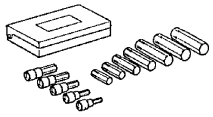
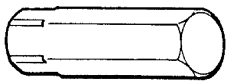
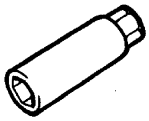
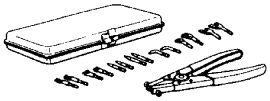
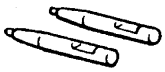
	09032–00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY(3RZ–FE)
	09201–10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY(3RZ–FE)
	(09201–01060)	Valve Guide Bushing Remover & Replacer 6	CYLINDER HEAD ASSY(3RZ–FE)
	09202–70020	Valve Spring Compressor	CYLINDER HEAD ASSY(3RZ–FE)
	(09202–00010)	Attachment	CYLINDER HEAD ASSY(3RZ–FE)
	09213–54015	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY(3RZ–FE)
	09223–15030	Oil Seal & Bearing Replacer	PARTIAL ENGINE ASSY(3RZ–FE)
	09228–07501	Oil Filter Wrench	PARTIAL ENGINE ASSY(3RZ–FE)
	09236–00101	Water Pump Overhaul Tool Set	CYLINDER HEAD ASSY(3RZ–FE)
	(09236–15010)	Bearing Stay	CYLINDER HEAD ASSY(3RZ–FE)
	09248–55040	Valve Clearance Adjust Tool Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09248–05410)	Valve Lifter Press	PARTIAL ENGINE ASSY(3RZ–FE)

	(09248–05420)	Valve Lifter Stopper	PARTIAL ENGINE ASSY(3RZ–FE)
	09330–00021	Companion Flange Holding Tool	PARTIAL ENGINE ASSY(3RZ–FE)
	09636–20010	Upper Ball Joint Dust Cover Replacer	PARTIAL ENGINE ASSY(3RZ–FE)
	09950–40011	Puller B Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09951–04010)	Hanger 150	PARTIAL ENGINE ASSY(3RZ–FE)
	(09952–04010)	Slide Arm	PARTIAL ENGINE ASSY(3RZ–FE)
	(09953–04010)	Center Bolt 100	PARTIAL ENGINE ASSY(3RZ–FE)
	(09953–04020)	Center Bolt 150	PARTIAL ENGINE ASSY(3RZ–FE)
	(09954–04010)	Arm 25	PARTIAL ENGINE ASSY(3RZ–FE)
	(09955–04061)	Claw No.6	PARTIAL ENGINE ASSY(3RZ–FE)
	09950–50013	Puller C Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09951–05010)	Hanger 150	PARTIAL ENGINE ASSY(3RZ–FE)
	(09952–05010)	Slide Arm	PARTIAL ENGINE ASSY(3RZ–FE)

	(09953–05010)	Center Bolt 100	PARTIAL ENGINE ASSY(3RZ–FE)
	(09954–05021)	Claw No.2	PARTIAL ENGINE ASSY(3RZ–FE)
	09950–60010	Replacer Set	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER HEAD ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00250)	Replacer 25	CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00260)	Replacer 26	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00290)	Replacer 29	CYLINDER HEAD ASSY(3RZ–FE)
	(09951–00300)	Replacer 30	CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00350)	Replacer 35	CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00400)	Replacer 40	CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–00490)	Replacer 49	PARTIAL ENGINE ASSY(3RZ–FE)
	(09952–06010)	Adapter	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)
	09950–70010	Handle Set	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER HEAD ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)
	(09951–07100)	Handle 100	CYLINDER HEAD ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)

	(09951–07150)	Handle 150	PARTIAL ENGINE ASSY(3RZ–FE)
	09960–10010	Variable Pin Wrench Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09962–01000)	Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY(3RZ–FE)
	(09963–00500)	Pin 5	PARTIAL ENGINE ASSY(3RZ–FE)

Recomended Tools

	09011–12301	Socket Wrench 30 mm	PARTIAL ENGINE ASSY(3RZ–FE)
	09031–00040	Pin Punch .	CYLINDER HEAD ASSY(3RZ–FE)
	09040–00011	Hexagon Wrench Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09043–30140)	Straight Hexagon Wrench 14	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER HEAD ASSY(3RZ–FE)
	09045–38162	Spark Plug Wrench	PARTIAL ENGINE ASSY(3RZ–FE)
	09904–00010	Expander Set	PARTIAL ENGINE ASSY(3RZ–FE)
	(09904–00040)	No. 3 Claw	PARTIAL ENGINE ASSY(3RZ–FE)

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	PARTIAL ENGINE ASSY(3RZ–FE)

08833–00070	”Adhesive 1324,” THREE BOND 1324 or equivalent	PARTIAL ENGINE ASSY(3RZ–FE) CYLINDER HEAD ASSY(3RZ–FE) CYLINDER BLOCK ASSY(3RZ–FE)

Equipment

Caliper gauge	
Center punch	
Cord	
Cylinder gauge	
Deep socket wrench 19 mm	
Deep socket wrench 22 mm	
Dial indicator	
Dye penetrant	
Engine oil	
Feeler gauge	
Heater	
Hose	
Micrometer	
Spring tester	
Paint	
PIn	
Pin hole grinder	
Piston ring compressor	
Piston ring expander	
Plastigage	
Plastic–faced hammer	
Precision straight edge	
Ridge reamer	
Rod aligner	
Service bolt (M6, P1.0)	
Sharp 6 mm reamer	
Socket wrench 14 mm (double hexagon)	
Soft brush	
Steel square	
Straight edge	
Tape	
Torque wrench	
Torx socket E7	
Torx socket E8	
Torx socket E10	
V–block	
Valve guide bushing brush	
Valve seat cutter	
Vernier calipers	
Wire brush	
Wooden block	