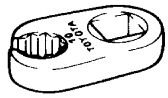
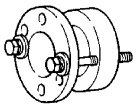
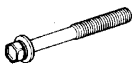
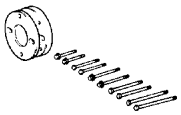
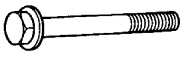
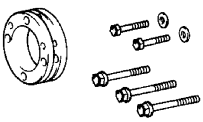
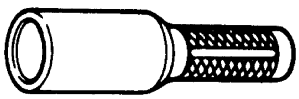
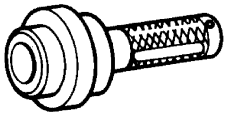
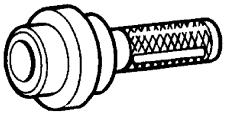
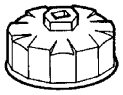
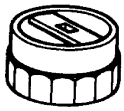
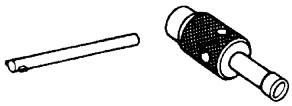
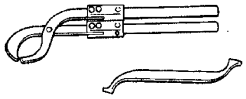
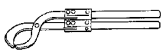
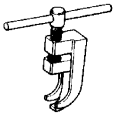
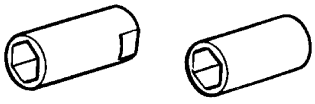
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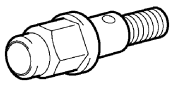
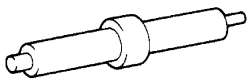
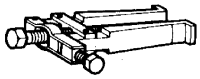
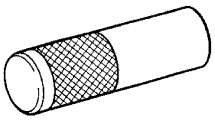
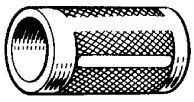
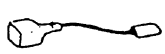
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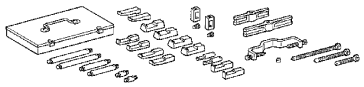
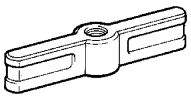
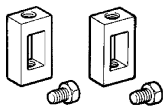
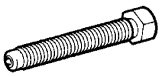
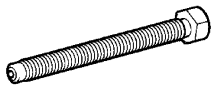
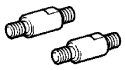
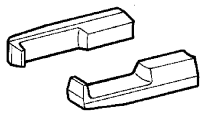
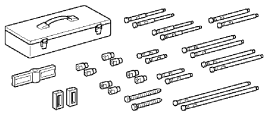
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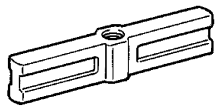
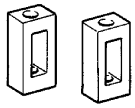
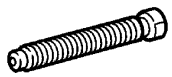
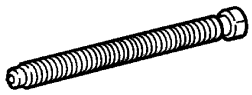
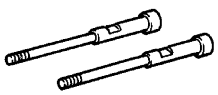
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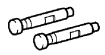
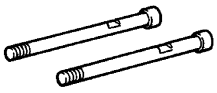
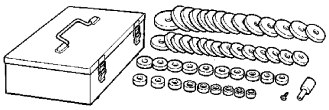
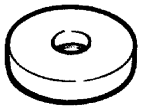
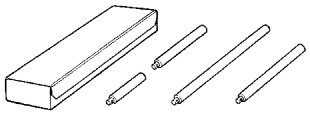
	09023–12700	Union Nut Wrench 17mm	PARTIAL ENGINE ASSY(1KZ–TE) CAMSHAFT SETTING OIL SEAL (1KD–FTV) VALVE CLEARANCE(1KD–FTV) CYLINDER HEAD GASKET (1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	09032–00100	Oil Pan Seal Cutter	CHAIN(3RZ–FE)
	09213–14010	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY(5L–E)
	(91651–60865)	Bolt	PARTIAL ENGINE ASSY(5L–E)
	09213–54015	Crankshaft Pulley Holding Tool	ENGINE REAR OIL SEAL(3RZ–FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) PARTIAL ENGINE ASSY(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) ENGINE REAR OIL SEAL(5L–E)
	(91651–60855)	Bolt	ENGINE REAR OIL SEAL(3RZ–FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) PARTIAL ENGINE ASSY(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) ENGINE REAR OIL SEAL(5L–E)
	09213–58013	Crankshaft Pully Holding Tool	PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KD–FTV) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)

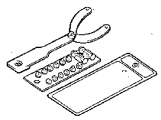
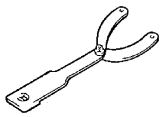
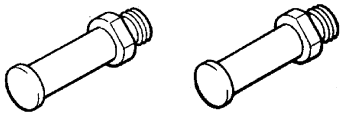
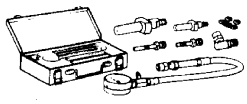
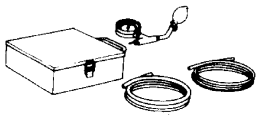
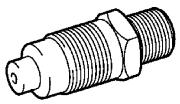
	09214–60010	Crankshaft Pulley & Gear Replacer	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	09223–15030	Oil Seal & Bearing Replacer	ENGINE REAR OIL SEAL(3RZ–FE) ENGINE REAR OIL SEAL(5L–E) ENGINE REAR OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KD–FTV)
	09223–46011	Crankshaft Front Oil Seal Replacer	CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) TIMING GEAR CASE OR TIMING CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL(1KZ–TE) CHAIN CASE OIL SEAL(1KD–FTV)
	09223–50010	Crankshaft Front Oil Seal Replacer	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE)
	09228–10002	Oil Filter Wrench	PARTIAL ENGINE ASSY(1KZ–TE) PARTIAL ENGINE ASSY(1KD–FTV)
	09228–44011	Oil Filter Wrench	PARTIAL ENGINE ASSY(5L–E)
	09243–00020	Idle Adjusting Screw Wrench	ENGINE(3RZ–FE)
	09248–55040	Valve Clearance Adjust Tool Set	VALVE CLEARANCE(3RZ–FE)
	(09248–05410)	Valve Lifter Press	VALVE CLEARANCE(3RZ–FE)
	(09248–05420)	Valve Lifter Stopper	VALVE CLEARANCE(3RZ–FE)
	09248–64011	Valve Clearance Adjusting Tool	VALVE CLEARANCE(5L–E) CAMSHAFT(5L–E) VALVE CLEARANCE(1KZ–TE) CAMSHAFT(1KZ–TE)
	09268–64010	Injection Nozzle Wrench Set	PARTIAL ENGINE ASSY(5L–E) PARTIAL ENGINE ASSY(1KZ–TE)

	(09268–64020)	Injection Nozzle Holder Retaining Nut Wrench	PARTIAL ENGINE ASSY(5L–E) PARTIAL ENGINE ASSY(1KZ–TE)
	09280–00010	Union Bolt,inspection	VALVE CLEARANCE(1KD–FTV) CYLINDER HEAD GASKET (1KD–FTV)
	09301–00110	Clutch Guide Tool	ENGINE REAR OIL SEAL(3RZ–FE) PARTIAL ENGINE ASSY(3RZ–FE) PARTIAL ENGINE ASSY(1KZ–TE) PARTIAL ENGINE ASSY(1KD–FTV)
	09308–10010	Oil Seal Puller	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV)
	09330–00021	Companion Flange Holding Tool	ENGINE REAR OIL SEAL(3RZ–FE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) PARTIAL ENGINE ASSY(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) ENGINE REAR OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KD–FTV) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	09608–06041	Front Hub Inner Bearing Cone Replacer	CAMSHAFT(1KD–FTV) CAMSHAFT SETTING OIL SEAL (1KD–FTV) VALVE CLEARANCE(1KD–FTV)
	09636–20010	Upper Ball Joint Dust Cover Replacer	CHAIN(3RZ–FE)
	09843–18020	Diagnosis Check Wire	ENGINE(3RZ–FE)
	09843–18030	Tacho–pulse Pickup Wire No.2	CYLINDER HEAD GASKET(3RZ–FE) ENGINE(3RZ–FE) CHAIN(3RZ–FE) PARTIAL ENGINE ASSY(3RZ–FE) ENGINE(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	09843–18040	Diagnosis Check Wire No.2	ENGINE(3RZ–FE) ENGINE(5L–E) CYLINDER HEAD GASKET(5L–E) ENGINE(1KZ–TE)

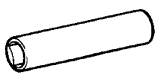
	09950–40011	Puller B Set	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	(09951–04010)	Hanger 150	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	(09952–04010)	Slide Arm	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	(09953–04010)	Center Bolt 100	CHAIN(3RZ–FE)
	(09953–04020)	Center Bolt 150	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	(09954–04010)	Arm 25	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	(09955–04061)	Claw No.6	CHAIN(3RZ–FE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE)
	09950–50013	Puller C Set	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)

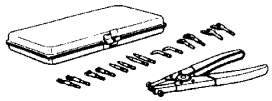
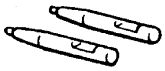
	(09951–05010) Hanger 150	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	(09952–05010) Slide Arm	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	(09953–05010) Center Bolt 100	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	(09953–05020) Center Bolt 150	TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	(09954–05010) Claw No.1	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E) PARTIAL ENGINE ASSY(1KZ–TE)

	(09954–05021)	Claw No.2	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(3RZ–FE) CHAIN(3RZ–FE) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) PARTIAL ENGINE ASSY(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV) PARTIAL ENGINE ASSY(1KD–FTV)
	(09954–05030)	Claw No.3	TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	(09957–04010)	Attachment	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE)TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV)
	09950–60010	Replacer Set	SPARK PLUG TUBE GASKET (3RZ–FE)TIMING GEAR CASE OR TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING CHAIN CASE OIL SEAL (1KD–FTV)
	(09951–00350)	Replacer 35	TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KZ–TE) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(1KD–FTV)
	(09951–00480)	Replacer 48	SPARK PLUG TUBE GASKET (3RZ–FE)
	09950–70010	Handle Set	ENGINE REAR OIL SEAL(3RZ–FE) SPARK PLUG TUBE GASKET (3RZ–FE) ENGINE REAR OIL SEAL(5L–E) ENGINE REAR OIL SEAL(1KZ–TE) ENGINE REAR OIL SEAL(1KD–FTV)
	(09951–07100)	Handle 100	ENGINE REAR OIL SEAL(5L–E) ENGINE REAR OIL SEAL(1KZ–TE)
	(09951–07150)	Handle 150	SPARK PLUG TUBE GASKET (3RZ–FE) ENGINE REAR OIL SEAL(3RZ–FE)
	(09951–07200)	Handle 200	ENGINE REAR OIL SEAL(1KD–FTV)

	09960–10010	Variable Pin Wrench Set	CAMSHAFT(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	(09962–01000)	Variable Pin Wrench Arm Assy	CAMSHAFT(3RZ–FE) TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	(09963–00500)	Pin 5	CAMSHAFT(3RZ–FE)
	(09963–01000)	Pin 10	TIMING BELT(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) TIMING GEAR CASE OR TIMING CHAIN CASE OIL SEAL(5L–E)
	09992–00025	Cylinder Compression Check Gauge Set	ENGINE(5L–E) CYLINDER HEAD GASKET(5L–E) ENGINE(1KZ–TE) ENGINE(1KD–FTV)
	(09992–00121)	No. 4 Attachment	ENGINE(5L–E) CYLINDER HEAD GASKET(5L–E) ENGINE(1KD–FTV)
	(09992–00211)	Gauge Assy	ENGINE(5L–E) CYLINDER HEAD GASKET(5L–E) ENGINE(1KZ–TE) ENGINE(1KD–FTV)
	09992–00242	Turbocharger Pressure Gauge	VALVE CLEARANCE(1KD–FTV) CYLINDER HEAD GASKET (1KD–FTV)
	09992–00500	Compression Gauge Attachment	ENGINE(3RZ–FE) ENGINE(1KZ–TE)

Recomended Tools

	09017–38120	Deep Socket Wrench 12 mm	CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) ENGINE(1KZ–TE) PARTIAL ENGINE ASSY(1KZ–TE) ENGINE(5L–E)
	09090–04020	Engine Sling Device	PARTIAL ENGINE ASSY(3RZ–FE) PARTIAL ENGINE ASSY(1KZ–TE) PARTIAL ENGINE ASSY(1KD–FTV)

	09904–00010	Expander Set	CAMSHAFT(3RZ–FE)
	(09904–00040)	No. 3 Claw	CAMSHAFT(3RZ–FE)

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	VALVE CLEARANCE(3RZ–FE) SPARK PLUG TUBE GASKET (3RZ–FE) CAMSHAFT(3RZ–FE) CYLINDER HEAD GASKET(3RZ–FE) CHAIN(3RZ–FE) VALVE CLEARANCE(5L–E) CYLINDER HEAD GASKET(5L–E) PARTIAL ENGINE ASSY(5L–E) CAMSHAFT(5L–E) VALVE CLEARANCE(1KZ–TE) CAMSHAFT(1KZ–TE) CYLINDER HEAD GASKET(1KZ–TE) ENGINE REAR OIL SEAL(1KZ–TE) OIL SEAL RETAINER, NO.2 OIL SEAL (1KZ–TE) CAMSHAFT(1KD–FTV) CAMSHAFT SETTING OIL SEAL (1KD–FTV) ENGINE REAR OIL SEAL(1KD–FTV) VALVE CLEARANCE(1KD–FTV) CYLINDER HEAD GASKET (1KD–FTV)
	08833–00070	"Adhesive 1324," THREE BOND 1324 or equivalent	ENGINE REAR OIL SEAL(3RZ–FE) PARTIAL ENGINE ASSY(5L–E) ENGINE REAR OIL SEAL(5L–E)
	08833–00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	PARTIAL ENGINE ASSY(5L–E)

Equipment

Belt tension gauge	
CO/HC meter	
Chain block	
Compression gauge	
Dial indicator	
Feeler gauge	
Hexagon wrench (10 mm)	
Injection nozzle tester	
Micrometer	
Plastigage	
Precision straight edge	
Press	
Radiator cap tester	
Sandpaper (#400)	

Slide calipers	
Steel square	
Tachometer	
Timing light	
Torque wrench	
Vernier calipers	