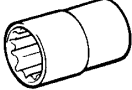
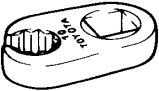

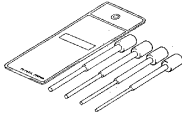
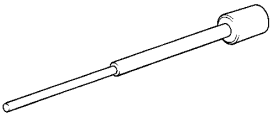
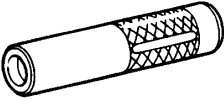
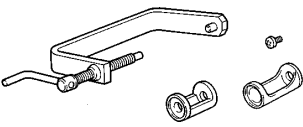
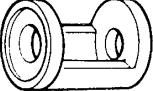
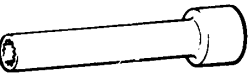
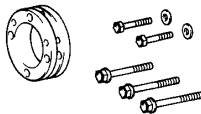
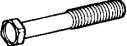
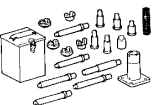


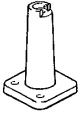
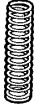


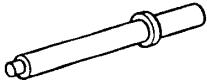
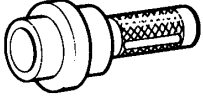
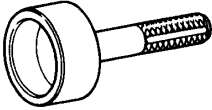


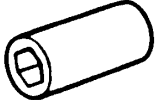

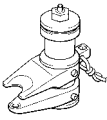

ENGINE MECHANICAL

PREPARATION

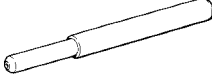




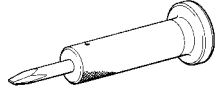
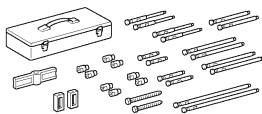
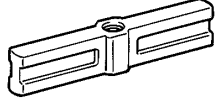
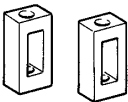
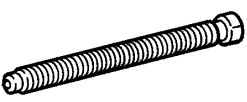

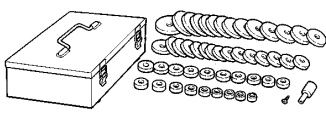

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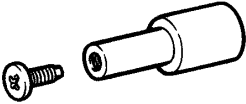
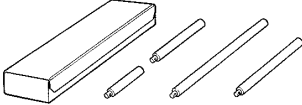

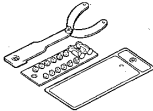
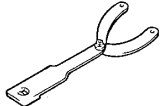

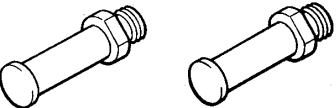
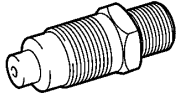
SST

	09011-38121	12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK ASSY
	09023-38400	Union Nut Wrench 14mm	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT
	09032-00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY
	09201-10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY
	(09201-01050)	Valve Guide Bushing Remover & Replacer 5	CYLINDER HEAD ASSY
	09201-41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY
	09202-70020	Valve Spring Compressor	CYLINDER HEAD ASSY
	(09202-00010)	Attachment	CYLINDER HEAD ASSY
	09205-16010	Cylinder Head Bolt Wrench	CYLINDER BLOCK ASSY
	09213-58012	Crankshaft Pulley Holding Tool	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL ENGINE REAR OIL SEAL
	(91111-50845)	Bolt	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL ENGINE REAR OIL SEAL
	09221-25026	Piston Pin Remover & Replacer	CYLINDER BLOCK ASSY

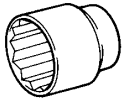
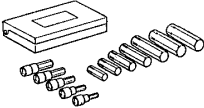
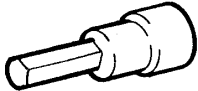
	(09221-00021) Body	CYLINDER BLOCK ASSY
	(09221-00030) Spring	CYLINDER BLOCK ASSY
	(09221-00141) Guide H	CYLINDER BLOCK ASSY
	(09221-00150) Bushing "D"	CYLINDER BLOCK ASSY
	(09221-00190) Guide "K"	CYLINDER BLOCK ASSY
	09223-22010 Crankshaft Front Oil Seal Replacer	OIL PUMP SEAL
	09223-56010 Crankshaft Rear Oil Seal Replacer	PARTIAL ENGINE ASSY ENGINE REAR OIL SEAL
	09228-06501 Oil Filter Wrench	PARTIAL ENGINE ASSY
	09268-21010 Fuel Hose Puller	PARTIAL ENGINE ASSY CYLINDER HEAD GASKET
	09268-46021 Nozzle Holder Retaining Nut Wrench	PARTIAL ENGINE ASSY
	09330-00021 Companion Flange Holding Tool	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL ENGINE REAR OIL SEAL
	09628-00011 Ball Joint Puller	PARTIAL ENGINE ASSY
	09628-62011 Ball Joint Puller	PARTIAL ENGINE ASSY

PREPARATION - ENGINE MECHANICAL

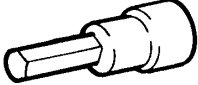
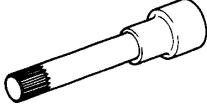


	09670-00010	Front Crossmember Guide Tool	PARTIAL ENGINE ASSY
	09816-30010	Oil Pressure Switch Socket	PARTIAL ENGINE ASSY
	09817-33190	Sensor Socket Wrench	PARTIAL ENGINE ASSY
	09843-18030	Tacho-pulse Pickup Wire No.2	ENGINE CYLINDER HEAD GASKET
	09843-18040	Diagnosis Check Wire No.2	ENGINE CYLINDER HEAD GASKET
	09930-00010	Drive Shaft Nut Chisel	PARTIAL ENGINE ASSY
	09950-50013	Puller C Set	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL
	(09951-05010)	Hanger 150	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL
	(09952-05010)	Slide Arm	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL
	(09953-05020)	Center Bolt 150	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL
	(09954-05021)	Claw No.2	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL
	09950-60010	Replacer Set	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET CYLINDER BLOCK ASSY
	(09951-00180)	Replacer 18	CYLINDER BLOCK ASSY

	(09951-00250) Replacer 25	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	(09951-00380) Replacer 38	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	(09952-06010) Adapter	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	09950-70010 Handle Set	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET CYLINDER HEAD ASSY CYLINDER BLOCK ASSY
	(09951-07100) Handle 100	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET CYLINDER HEAD ASSY CYLINDER BLOCK ASSY
	09960-10010 Variable Pin Wrench Set	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	(09962-01000) Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	(09963-00600) Pin 6	PARTIAL ENGINE ASSY CHAIN SUB-ASSY
	(09963-01000) Pin 10	CYLINDER HEAD GASKET
	09992-00500 Compression Gauge Attachment	ENGINE CYLINDER HEAD GASKET

Recommended Tools

	09011-12301 Socket Wrench 30 mm	PARTIAL ENGINE ASSY
	09040-00011 Hexagon Wrench Set	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT CYLINDER HEAD ASSY
	(09043-20080) Socket Hexagon Wrench 8	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT CYLINDER HEAD ASSY

PREPARATION - ENGINE MECHANICAL

	(09043-20120) Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY
	09043-50080 Bi-hexagon Wrench 8 mm	PARTIAL ENGINE ASSY CYLINDER HEAD GASKET
	09090-04020 Engine Sling Device	PARTIAL ENGINE ASSY
	09216-00021 Belt Tension Gauge	ENGINE DRIVE BELT CHAIN SUB-ASSY CYLINDER HEAD GASKET OIL PUMP SEAL

SSM

	08826-00080 Seal Packing Black or equivalent (FIPG)	VALVE CLEARANCE PARTIAL ENGINE ASSY CHAIN SUB-ASSY CAMSHAFT CYLINDER HEAD GASKET
	08826-00100 "Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	PARTIAL ENGINE ASSY CHAIN SUB-ASSY CYLINDER HEAD GASKET
	08833-00070 "Adhesive 1324," THREE BOND 1324 or equivalent	VALVE CLEARANCE PARTIAL ENGINE ASSY CAMSHAFT ENGINE REAR OIL SEAL CYLINDER HEAD ASSY CYLINDER BLOCK ASSY

Equipment

Alignment tester	
Angle gauge	
Bar (width 2 - 3 mm)	
Caliper gauge	
Chain Block	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator with magnetic base	
Engine Sling Device	
Feeler gauge	
Heater	
Micrometer	
OBD II scan tool	
Piston ring compressor	
Piston ring expander	
Plastic Hammer	
Plastigage	

Precision straight edge	
Radiator cap tester	
Reamer	
Slide calipers	
Spring tension gauge	
Steel square	
Tachometer	
Timing light	
Tire pressure gauge	
Toe-in gauge	
Torque wrench	
Universal engine lifter	
Valve seat cutter	
V-block	
Vernier calipers	
Wooden block	