

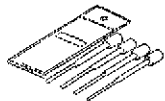
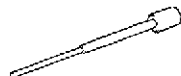
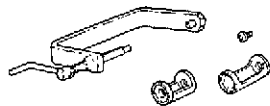
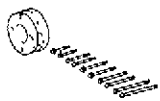
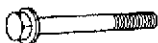
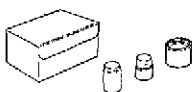
ENGINE MECHANICAL

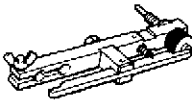
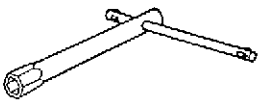
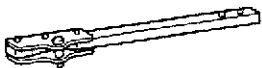
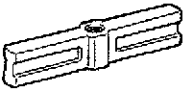
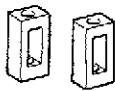
PREPARATION

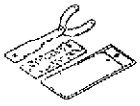
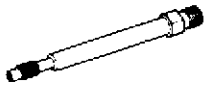
SST (SPECIAL SERVICE TOOLS)

EG04Y-3P

EG

	09201-10000 Valve Guide Bushing Remover & Replacer Set	
	(09201-01080) Valve Guide Bushing Remover & Replacer 8	
	09202-70020 Valve Spring Compressor	
	(09202-00030) Attachment	
	09208-48010 Combustion Chamber Remover	
	09213-54015 Crankshaft Pulley Holding Tool	
	(91651-60855) Bolt	
	09214-60010 Crankshaft Pulley & Gear Replacer	Crankshaft front oil seal
	09222-54011 Connecting Rod Bushing Remover & Replacer	
	(09222-03016) Remover & Replacer	3L
	(09222-03021) Guide	3L
	(09222-03026) Base	3L

	09222-64012 Connecting Rod Bushing Remover & Replacer	
	(09222-02022) Remover & Replacer	2L
	(09222-02031) Guide	2L
	(09222-02041) Base	2L
	09223-15030 Oil Seal & Bearing Replacer	Crankshaft rear oil seal
	09223-46011 Crankshaft Front Oil Seal Replacer	Crankshaft timing pulley Camshaft oil seal
	09248-64011 Valve Clearance Adjusting Tool	
	09275-54011 Plunger Stroke Measuring Tool	
	09275-54020 Maximum Speed Adjusting Screw Lock Nut Wrench	
	09330-00021 Companion Flange Holding Tool	Crankshaft pulley
	09950-50010 Puller C Set	
	(09951-05010) Hanger 150	Crankshaft pulley Crankshaft timing pulley Camshaft timing pulley Injection pump drive pulley
	(09952-05010) Slide Arm	Crankshaft pulley Crankshaft timing pulley Camshaft timing pulley Injection pump drive pulley
	(09953-05010) Center Bolt 100	Crankshaft pulley Crankshaft timing pulley Injection pump drive pulley

	(09953-05020) Center Bolt 150	Crankshaft pulley Crankshaft timing pulley Camshaft timing pulley
	(09954-05010) Claw No.1	Crankshaft timing pulley
	(09954-05020) Claw No.2	Camshaft timing pulley Injection pump drive pulley
	(09954-05030) Claw No.3	Crankshaft pulley
	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	Camshaft timing pulley Injection pump drive pulley
	(09963-01000) Pin 10	Camshaft timing pulley Injection pump drive pulley
	09950-70010 Handle Set	
	(09951-07100) Handle 100	Valve guide bushing
	(09951-07150) Handle 150	Crankshaft rear oil seal
	09992-00024 Cylinder Compression Check Gauge Set	
	(09992-00121) No. 4 Attachment	
	(09992-00211) Gauge Assy	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	VSV for intake sutter
	09200-00010 Engine Adjust Kit .	
	09904-00010 Expander Set .	

EG

EQUIPMENT

Caliper gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Heater	
Magnetic finger	
Micrometer	
Piston ring compressor	
Piston ring expander	
Plastic-faces hammer	
Plastigage	
Precision straight edge	
Ridge reamer	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
V-block	
Vernier calipers	
Wire brush	

SSM (SERVICE SPECIAL MATERIALS)

08826-00080 Seal Packing Black or equivalent (FIG)	Cylinder head semi-circular plug Cylinder head Camshaft oil seal retainer
08833-00070 Adhesive 1324, THREE BOND 1324 or equivalent	Union Flywheel bolt Drive plate bolt