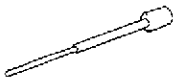
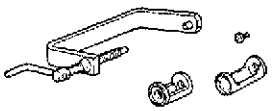
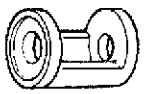
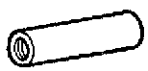
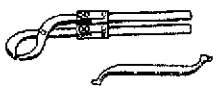
ENGINE MECHANICAL

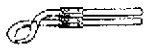
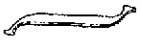
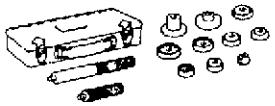
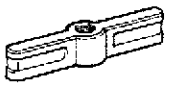
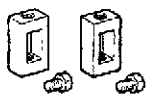
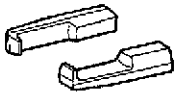
PREPARATION

SST (SPECIAL SERVICE TOOLS)

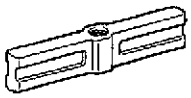
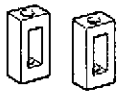
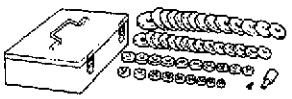
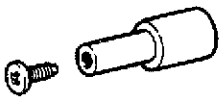
EG0AY-26

EG

	09032-00100	Oil Pan Seal Cutter	
	09201-10000	Valve Guide Bushing Remover & Replacer Set	
	(09201-01060)	Valve Guide Bushing Remover & Replacer 6	
	09202-70020	Valve Spring Compressor	
	(09202-00010)	Attachment	
	09207-76010	Rocker Arm Bushing	
	09213-54015	Crankshaft Pulley Holding Tool	
	09223-15030	Oil Seal & Bearing Replacer	Crankshaft rear oil seal
	09236-00101	Water Pump Overhaul Tool Set	
	(09236-15010)	Bearing Stay	Valve stem oil seal
	09243-00020	Idle Adjusting Screw Wrench	
	09248-55040	Valve Clearance Adjust Tool Set	

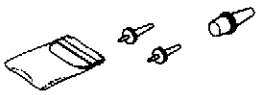
	(09248–05410) Valve Lifter Press	
	(09248–05420) Valve Lifter Stopper	
	09330–00021 Companion Flange Holding Tool	Crankshaft pulley
	09636–20010 Upper Ball Joint Dust Cover Replacer	Crankshaft timing gear
	09816–30010 Oil Pressure Switch Socket	Knock sensor Oil pressure switch
	09843–18020 Diagnosis Check Wire	
	09550–10012 Replacer Set "B"	
	(09252–10010) No. 1 Replacer Handle–	
	09950–40010 Puller B Set	Crankshaft timing gear
	(09951–04010) Hanger 150	
	(09952–04010) Slide Arm	
	(09953–04010) Center Bolt 100	
	(09954–04010) Arm 25	
	(09955–04060) Claw No.6	

EG

	09950–50010 Puller C Set	Crankshaft pulley
	(09951–05010) Hanger 150	
	(09952–05010) Slide Arm	
	(09953–05010) Center Bolt 100	
	(09954–05020) Claw No.2	
	09950–60010 Replacer Set	Spark plug tube gasket
	(09951–00260) Replacer 26	
	(09951–00490) Replacer 49	
	(09952–06010) Adapter	
	09950–70010 Handle Set	
	(09951–07150) Handle 150	Valve guide bushing Spark plug tube gasket Crankshaft rear oil seal
	09960–10010 Variable Pin Wrench Set	
	(09962–01000) Variable Pin Wrench Arm Assy	
	(09963–00500) Pin 5	Exhaust camshaft sub–gear

EG0AZ-1W

RECOMMENDED TOOLS

	09082—00040	TOYOTA Electrical Tester.	
	09200—00010	Engine Adjust Kit .	
	09258—00030	Hose Plug Set .	Plug for the vacuum hose, fuel hose etc.

EG090-1Z

EQUIPMENT

Caliper gauge	
CO meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune—up tester	
Heater	
Magnetic finger	
Micrometer	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
V—block	
Valve seat cutter	
Vernier calipers	

EG0B1-2Z

SSM (SPECIAL SERVICE MATERIALS)

08826—00080	Seal Packing Black or equivalent (FIPG)	Over space between cylinder head and timing chain cover Semi—circular plug Oil pan, Rear oil seal retaine
08833—00070	Adhesive 1324, THREE BOND 1324 or equivalent	Spark plug tube Drive plate bolt