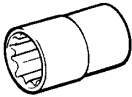

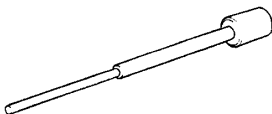
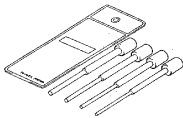
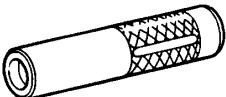
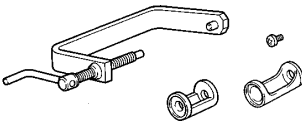
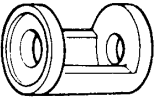
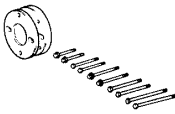
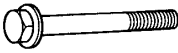
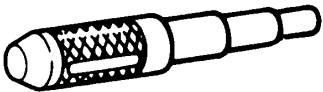
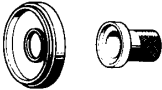
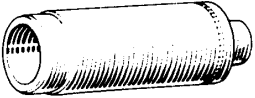



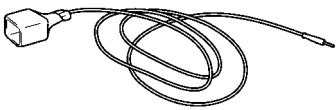

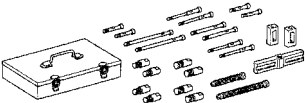
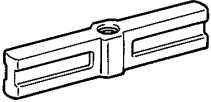
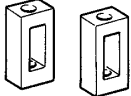
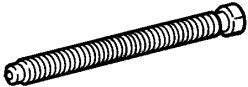
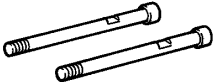
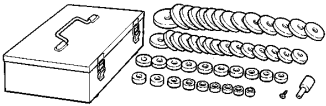


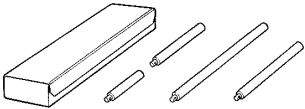

# ENGINE MECHANICAL (1GR-FE)


## SST (Special Service Tools)

PP445-01

	09011-38121 12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK
	09032-00100 Oil Pan Seal Cutter	TIMING CHAIN
	09201-01055 Valve Guide Bushing Remover & Replacer 5.5	CYLINDER HEAD
	09201-10000 Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD
	09201-41020 Valve Stem Oil Seal Replacer	CYLINDER HEAD
	09202-70020 Valve Spring Compressor	CYLINDER HEAD
	(09202-00010) Attachment	CYLINDER HEAD
	09213-54015 Crankshaft Pulley Holding Tool	TIMING CHAIN
	(91651-60855) Bolt	TIMING CHAIN
	09222-30010 Connecting Rod Bushing Remover & Replacer	CYLINDER BLOCK
	09223-78010 Crankshaft Oil Seal Replacer	CYLINDER BLOCK
	09226-10010 Crankshaft Front & Rear Bearing Replacer	TIMING CHAIN

## PREPARATION – ENGINE MECHANICAL (1GR-FE)

	09330-00021 Companion Flange Holding Tool	TIMING CHAIN
	09843-18030 Tacho-pulse Pickup Wire No.2	IDLE SPEED
	09843-18040 Diagnosis Check Wire No.2	IGNITION TIMING
	09950-50013 Puller C Set	TIMING CHAIN
	(09951-05010) Hanger 150	TIMING CHAIN
	(09952-05010) Slide Arm	TIMING CHAIN
	(09953-05020) Center Bolt 150	TIMING CHAIN
	(09954-05031) Claw No.3	TIMING CHAIN
	09950-60010 Replacer Set	CYLINDER BLOCK CYLINDER HEAD
	(09951-00250) Replacer 25	CYLINDER HEAD
	(09951-00350) Replacer 35	CYLINDER BLOCK
	09950-70010 Handle Set	CYLINDER BLOCK CYLINDER HEAD
	(09951-07100) Handle 100	CYLINDER HEAD

	(09951-07150) Handle 150	CYLINDER BLOCK CYLINDER HEAD
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