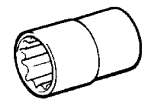
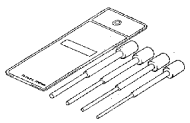
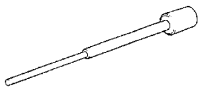
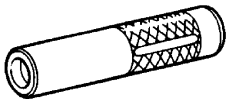
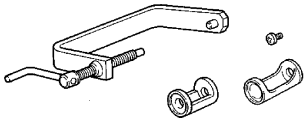
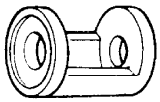
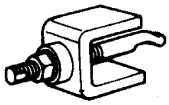
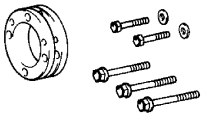
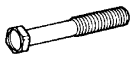
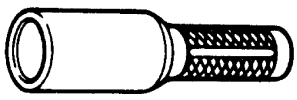
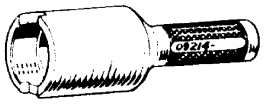
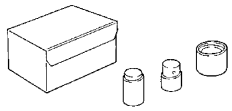
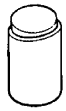
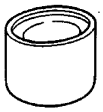
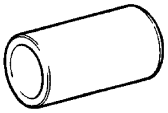
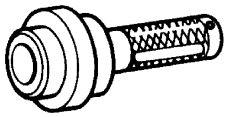
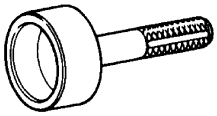
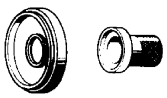
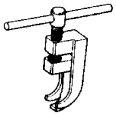
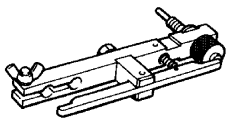
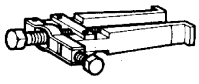
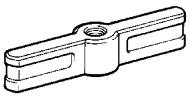
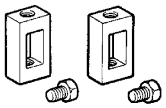
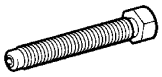
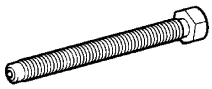
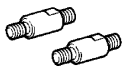
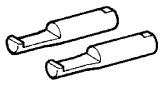
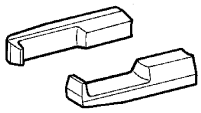
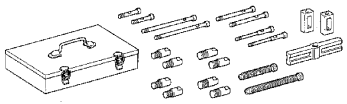
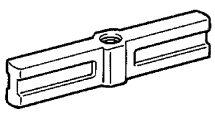
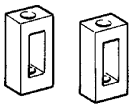
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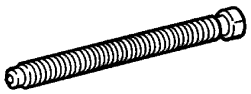
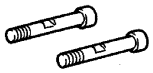
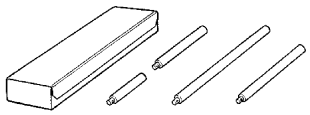
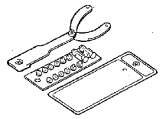
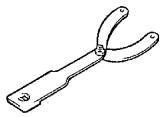
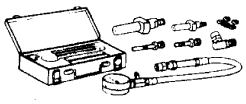
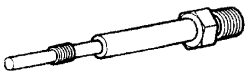
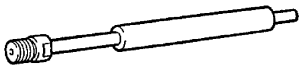
PP1TM–01

SST (Special Service Tools)

	09011–38121	12 mm Socket Wrench for 12 Pointed Head	Cylinder head
	09201–10000	Valve Guide Bushing Remover & Replacer Set	
	(09201–01060)	Valve Guide Bushing Remover & Replacer 6	
	09201–41020	Valve Stem Oil Seal Replacer	
	09202–70020	Valve Spring Compressor	
	(09202–00010)	Attachment	
	09208–48010	Combustion Chamber Remover	
	09213–58012	Crankshaft Pulley Holding Tool	
	(90201–08131)	Washer	
	(91111–50845)	Bolt	
	09214–60010	Crankshaft Pulley & Gear Replacer	Crankshaft pulley
	09214–76011	Crankshaft Pulley Replacer	Injection pump drive gear oil seal Crankshaft front oil seal

	09222–17011	Connecting Rod BushingRemover & Replacer	
	(09222–05021)	Remover & Replacer	
	(09222–05031)	Guide	
	(09222–05041)	Base	
	09223–00010	Cover & Seal Replacer	Crankshaft timing gear Oil pump drive shaft gear
	09223–15020	Oil Seal & Bearing Replacer	Drive gear bearing
	09223–46011	Crankshaft Front Oil Seal Replacer	Camshaft oil seal
	09223–56010	Crankshaft Rear Oil Seal Replacer	Crankshaft front oil seal
	09223–78010	Crankshaft Oil Seal Replacer	Crankshaft front oil seal
	09248–64011	Valve Clearance Adjusting Tool	Drive gear bearing
	09275–54011	Plunger Stroke Measuring Tool	
	09308–10010	Oil Seal Puller	Crankshaft front oil seal
	09330–00021	Companion Flange Holding Tool	Crankshaft pulley

	09502–12010 Differential Bearing Replacer	
	09950–40011 Puller B Set	
	(09951–04010) Hanger 150	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear Injection pump drive gear bearing
	(09952–04010) Slide Arm	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear Injection pump drive gear bearing
	(09953–04010) Center Bolt 100	Oil pump drive shaft gear Crankshaft timing gear
	(09953–04020) Center Bolt 150	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear Injection pump drive gear bearing
	(09954–04010) Arm 25	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear Injection pump drive gear bearing
	(09955–04040) Claw No.4	
	(09955–04060) Claw No.6	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear Injection pump dive gear bearing
	09950–50010 Puller C Set	
	(09951–05010) Hanger 150	Crankshaft pulley Injection pump drive gear
	(09952–05010) Slide Arm	Crankshaft pulley Injection pump drive gear
	(09953–05010) Center Bolt 100	Crankshaft pulley Injection pump drive gear Crankshaft front oil seal

	(09953–05020)	Center Bolt 150	Crankshaft pulley
	(09954–05020)	Claw No.2	Crankshaft pulley Injection pump drive gear
	09950–70010	Handle Set	
	(09951–07100)	Handle 100	Valve guide bushing Injection pump drive gear
	09960–10010	Variable Pin Wrench Set	
	(09962–01000)	Variable Pin Wrench Arm Assy	Injection pump drive gear
	(09963–00700)	Pin 7	Injection pump drive gear
	09992–00025	Cylinder Compression Check Gauge Set	
	(09992–00160)	No. 5 Attachment	
	09992–00400	Attachment No.7	Cylinder compression check