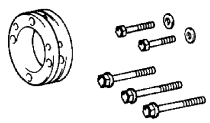
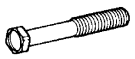
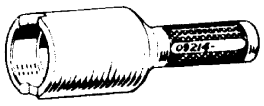
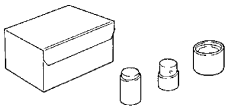
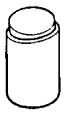
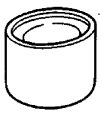
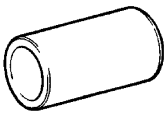
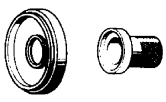
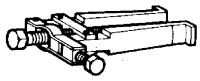
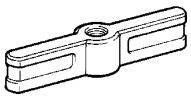
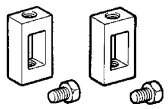
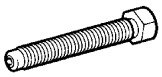
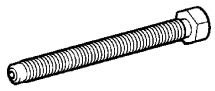
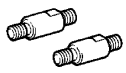
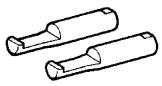
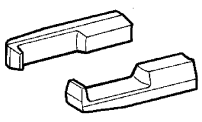
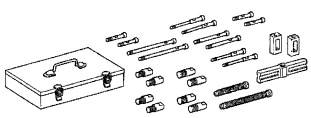
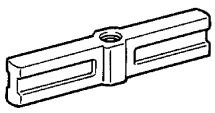
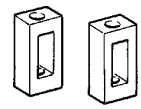
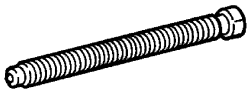
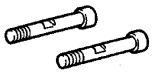
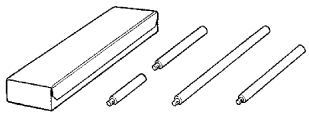
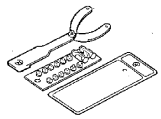
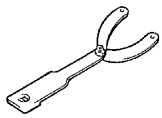
ENGINE MECHANICAL

PP3SE–01

SST (Special Service Tools)

	09213–58013	Crankshaft Pully 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
	09223–78010	Crankshaft Oil Seal Replacer	Crankshaft front oil seal

	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
	(09955–04041)	Claw No.4	Injection pump drive gear bearing
	(09955–04061)	Claw No.6	No.1 camshaft timing pulley Oil pump drive shaft gear Crankshaft timing gear
	09950–50013	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
	(09954–05021)	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
	(09963–00600)	Pin 6	Injection Pump drive gear