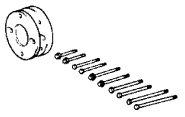
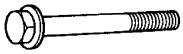
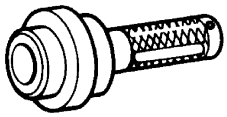
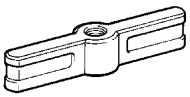
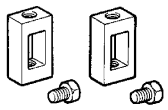
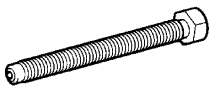
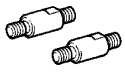
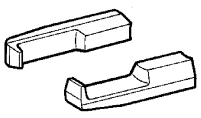
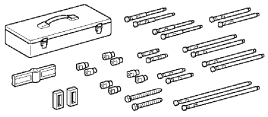
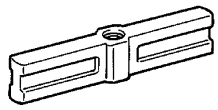
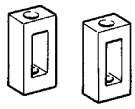
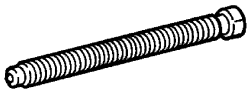
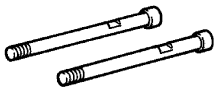
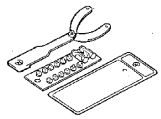
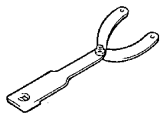
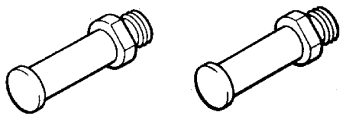
COOLING

PREPARATION

02205–02

SST

	09023–12700	Union Nut Wrench 17mm	WATER PUMP ASSY(1KD–FTV)
	09213–54015	Crankshaft Pulley Holding Tool	WATER PUMP ASSY(5L–E)
	(91651–60855)	Bolt	WATER PUMP ASSY(5L–E)
	09223–46011	Crankshaft Front Oil Seal Replacer	WATER PUMP ASSY(1KZ–TE)
	09330–00021	Companion Flange Holding Tool	WATER PUMP ASSY(5L–E)
	09950–40011	Puller B Set	WATER PUMP ASSY(1KZ–TE)
	(09951–04010)	Hanger 150	WATER PUMP ASSY(1KZ–TE)
	(09952–04010)	Slide Arm	WATER PUMP ASSY(1KZ–TE)
	(09953–04020)	Center Bolt 150	WATER PUMP ASSY(1KZ–TE)
	(09954–04010)	Arm 25	WATER PUMP ASSY(1KZ–TE)
	(09955–04061)	Claw No.6	WATER PUMP ASSY(1KZ–TE)
	09950–50013	Puller C Set	WATER PUMP ASSY(5L–E)

	(09951–05010)	Hanger 150	WATER PUMP ASSY(5L–E)
	(09952–05010)	Slide Arm	WATER PUMP ASSY(5L–E)
	(09953–05010)	Center Bolt 100	WATER PUMP ASSY(5L–E)
	(09953–05020)	Center Bolt 150	WATER PUMP ASSY(5L–E)
	(09954–05030)	Claw No.3	WATER PUMP ASSY(5L–E)
	09960–10010	Variable Pin Wrench Set	WATER PUMP ASSY(5L–E)
	(09962–01000)	Variable Pin Wrench Arm Assy	WATER PUMP ASSY(5L–E)
	(09963–01000)	Pin 10	WATER PUMP ASSY(5L–E)

SSM

	08826–00080	Seal Packing Black or equivalent (FIPG)	WATER PUMP ASSY(1KZ–TE) WATER PUMP ASSY(1KD–FTV)

Equipment

Belt tension gauge	
Heater	
Hexagon wrench (10 mm)	
Press	
Radiator cap tester	
Slide calipers	
Steel square	
Thermometer	
Torque wrench	
Vernier calipers	

Coolant (3RZ–FE)

Item		Capacity	Classification
Engine coolant	A/T	7.1 liters (7.5 US qts, 6.2 Imp. qts)	TOYOTA long life coolant
	M/T	7.3 liters (7.7 US qts, 6.4 Imp. qts)	

Coolant (5L)

Item	Capacity	Classification
Engine coolant	9.3 liters (9.8 US qts, 8.1 Imp. qts)	TOYOTA long life coolant

Coolant (1KZ–TE)

Item		Capacity	Classification
Engine coolant	A/T	12.0 liters (12.7 US qts, 10.6 Imp. qts)	TOYOTA long life coolant
	M/T	12.2 liters (12.9 US qts, 10.7 Imp. qts)	

Coolant (1KD–FTV)

Item		Capacity	Classification
Engine coolant	A/T w/ Viscous heater	10.8 liters (11.4 US qts, 9.5 Imp. qts)	TOYOTA long life coolant
	w/o Viscous heater	11.0 liters (11.6 US qts, 9.7 Imp. qts)	
	M/T w/ Viscous heater	11.1 liters (11.8 US qts, 9.9 Imp. qts)	
	w/o Viscous heater	11.3 liters (11.9 US qts, 9.9 Imp. qts)	