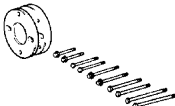
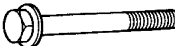
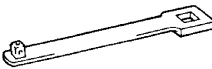

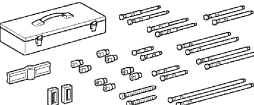
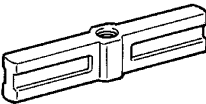
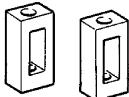

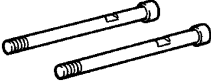
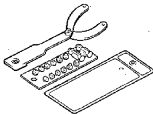
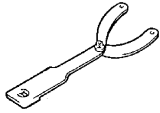



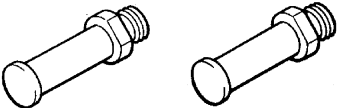
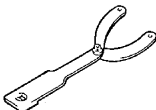
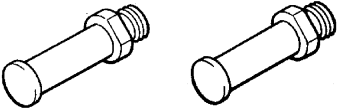
# COOLING

## PREPARATION


### SST

020W8-01

	09213-54015	Crankshaft Pulley Holding Tool	WATER PUMP ASSY(1MZ-FE)
	(91651-60855)	Bolt	WATER PUMP ASSY(1MZ-FE)
	09249-63010	Torque Wrench Adaptor	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(1MZ-FE) WATER PUMP ASSY(2AZ-FE)
	09330-00021	Companion Flange Holding Tool	WATER PUMP ASSY(1MZ-FE)
	09950-50013	Puller C Set	WATER PUMP ASSY(1MZ-FE)
	(09951-05010)	Hanger 150	WATER PUMP ASSY(1MZ-FE)
	(09952-05010)	Slide Arm	WATER PUMP ASSY(1MZ-FE)
	(09953-05010)	Center Bolt 100	WATER PUMP ASSY(1MZ-FE)
	(09954-05030)	Claw No.3	WATER PUMP ASSY(1MZ-FE)
	09960-10010	Variable Pin Wrench Set	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(1MZ-FE) WATER PUMP ASSY(2AZ-FE)
	(09962-01000)	Variable Pin Wrench Arm Assy	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(1MZ-FE) WATER PUMP ASSY(2AZ-FE)
	(09963-00700)	Pin 7	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(2AZ-FE)

	(09963-01000) Pin 10	WATER PUMP ASSY(1MZ-FE)
	(09962-01000) Variable Pin Wrench Arm Assy	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(1MZ-FE) WATER PUMP ASSY(2AZ-FE)
	(09963-01000) Pin 10	WATER PUMP ASSY(1MZ-FE)

**Recommended Tools**

	09216-00021 Belt Tension Gauge	WATER PUMP ASSY(1MZ-FE)
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**Equipment**

Ohmmeter	
Radiator cap tester	
Thermomete	
Torque wrench	
Vernier calipers	
Heater	

**SSM**

08826-00080 Seal Packing Black or equivalent (FIPG)	WATER PUMP ASSY(1AZ-FE) WATER PUMP ASSY(1MZ-FE) WATER PUMP ASSY(2AZ-FE)
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