

2012 - Mazda6 - Engine

THERMOSTAT INSPECTION [MZI 3.7 V6]

1. Remove the thermostat. (See [THERMOSTAT REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
2. Visually check that the thermostat valve is closed.
3. Place the thermostat in water.

WARNING:

- During inspection, the thermostat and water are extremely hot and can cause severe burns. Do not touch the thermostat and water.
4. Heat the water and check the following.
 - Opening temperature and valve lift
 - If there is a malfunction, replace the thermostat. (See [THERMOSTAT REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)

Thermostat initial-opening temperature

- 79.5—83.3 °C {176—181 °F}

Thermostat full-open temperature

- 94.5 °C {202 °F}

Thermostat full-open lift

- More than 8.1 mm {0.32 in}

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