

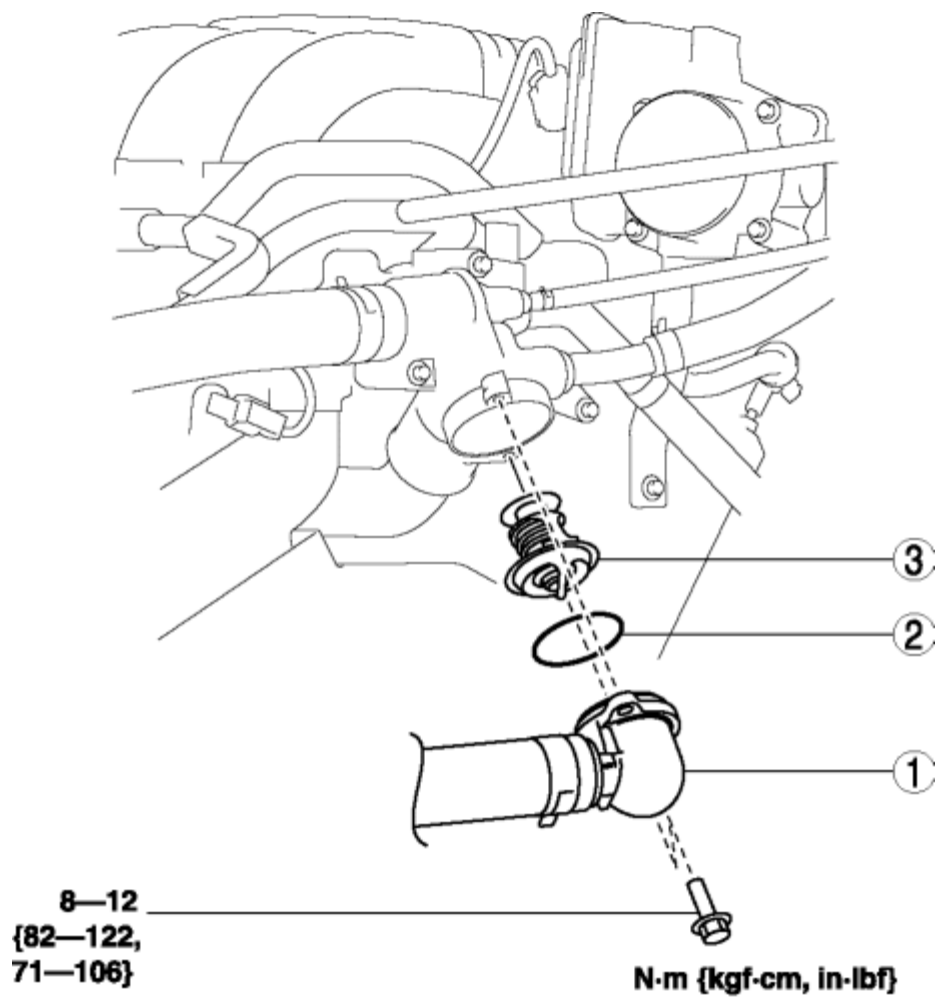
2012 - Mazda6 - Engine

THERMOSTAT REMOVAL/ INSTALLATION [MZI 3.7 V6]

WARNING:

- Never remove the cooling system cap or loosen the radiator drain plug while the engine is running, or when the engine and radiator are hot. Scalding engine coolant and steam may shoot out and cause serious injury. It may also damage the engine and cooling system.
- Turn off the engine and wait until it is cool. Even then, be very careful when removing the cap. Wrap a thick cloth around it and slowly turn it counterclockwise 2.5 turns. Step back while the pressure escapes.
- When you are sure all the pressure is gone, turn the cap using the cloth, and remove it.

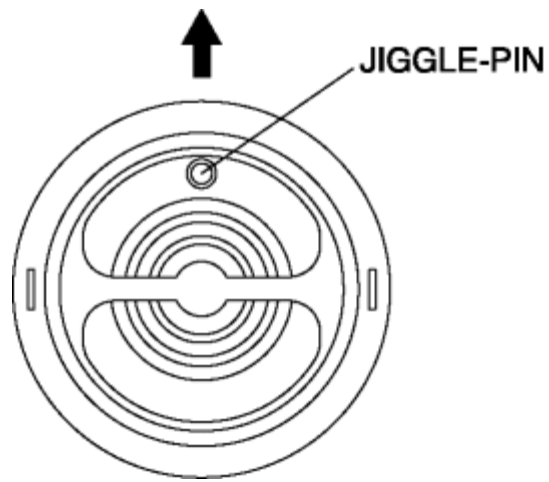
1. Disconnect the negative battery cable.
2. Remove the battery and battery tray. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
3. Drain the engine coolant. (See [ENGINE COOLANT REPLACEMENT \[MZI 3.7 V6\]](#).)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.
6. Refill the engine coolant. (See [ENGINE COOLANT REPLACEMENT \[MZI 3.7 V6\]](#).)
7. Inspect for engine coolant leakage. (See [ENGINE COOLANT LEAKAGE INSPECTION \[MZI 3.7 V6\]](#).)



1	Thermostat cover
2	O-ring (See O-ring Installation Note.)
3	Thermostat (See Thermostat Installation Note.)

Thermostat Installation Note

1. Install the thermostat into the thermostat case with the jiggle-pin at the top.



O-ring Installation Note

1. Clean and inspect the O-ring.
 - Install a new O-ring if necessary.
2. Apply clean engine coolant to the O-ring.
3. Install the O-ring.

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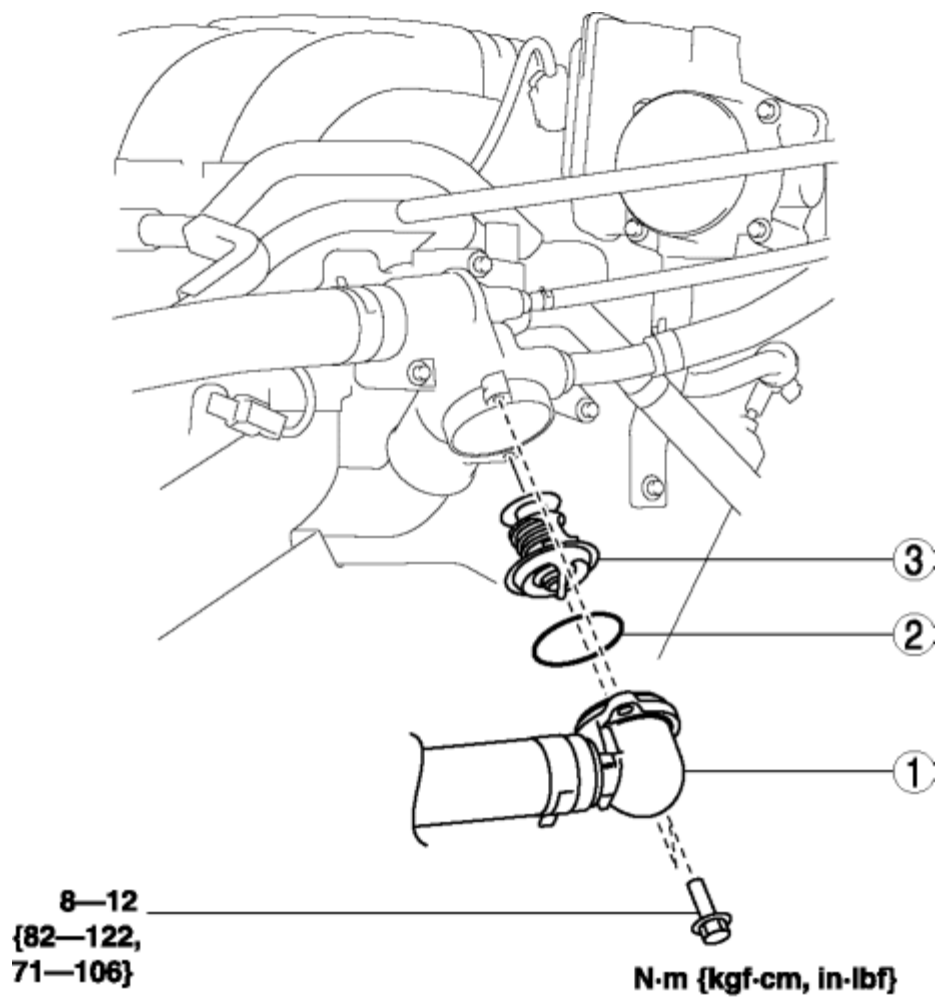
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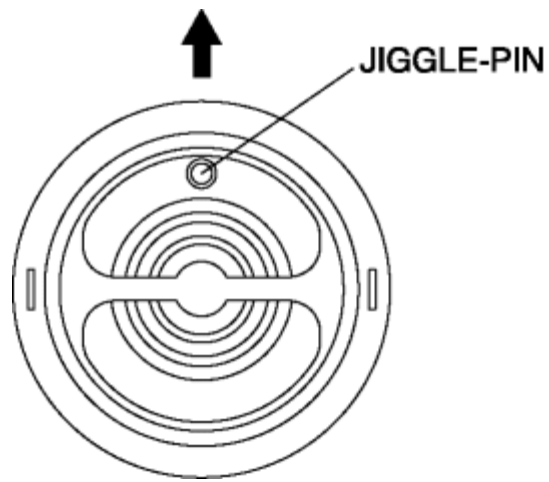
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