

THERMOSTAT REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

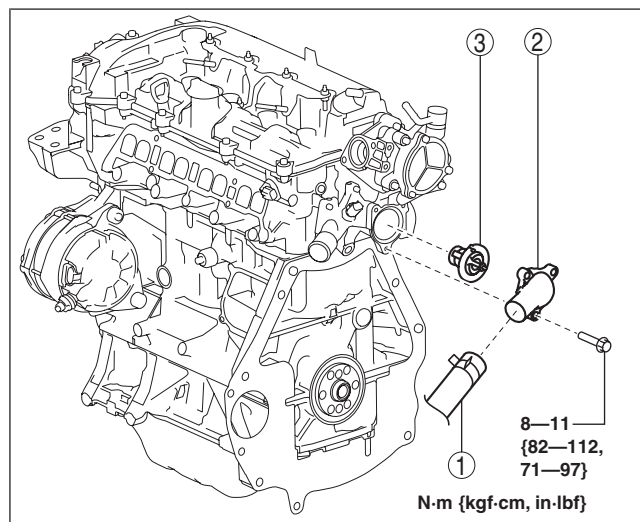
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Warning

- **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 to the first stop. Step back while the pressure escapes.**
- **When you are sure all the pressure is gone, press down on the cap using the cloth, turn it, and remove it.**

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)
2. Drain the engine coolant. (See ENGINE COOLANT REPLACEMENT [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
3. Remove the plug hole plate. (See PLUG HOLE PLATE REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
4. Remove the air cleaner, air hose and fresh air duct component. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
5. Remove the battery, battery tray and PCM component. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
6. Remove in the order indicated in the table.
7. Install in the reverse order of removal.
8. Refill the engine coolant. (See ENGINE COOLANT REPLACEMENT [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
9. Inspect for engine coolant leakage. (See ENGINE COOLANT LEAKAGE INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)

1	Lower radiator hose (Thermostat cover side)
2	Thermostat cover (See Thermostat Cover Removal Note.)
3	Thermostat (See Thermostat Installation Note.)



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Thermostat Cover Removal Note

1. Place rags on the transaxle case around the area under the thermostat cover.
2. Slightly loosen the **three** thermostat cover bolts and use the rags to absorb the draining engine coolant.

Caution

- **Do not remove the thermostat cover completely at this time because the engine coolant remaining in the engine will drain out.**

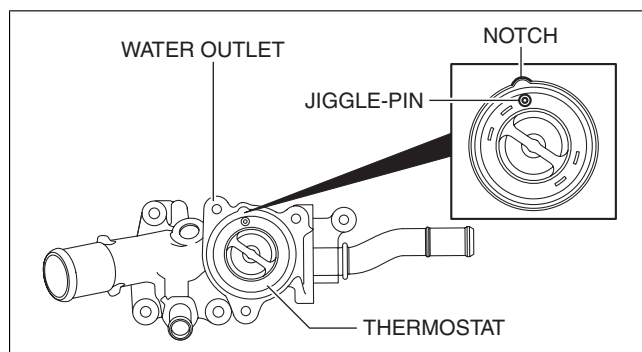
3. After the engine coolant stops draining, remove the thermostat cover.

Thermostat Installation Note

Caution

- **Do not apply oil (such as engine oil, ATF) to the rubber seal part of the thermostat. Otherwise, the O-ring could swell causing a seal malfunction.**

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1. Install the thermostat with the jiggle pin aligned with the notch of the water outlet.



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