

STARTER REMOVAL/INSTALLATION [SKYACTIV-G 2.0]

id0119h7800200

Operation After Replacing Starter (Vehicle With i-stop)

Note

- If the number of times the starter can operate exceeds the limit, or there is any malfunction of the i-stop system-related parts, the i-stop warning light (amber) flashes. In addition, DTCs are stored simultaneously.
- To ensure reliability of the i-stop system, replace the starter with a new one if the number of times the starter can operate has exceeded the upper limit.
- When replacing the starter, perform the following procedure: When replacing the PCM simultaneously, perform the PCM configuration first. (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].) (See PCM CONFIGURATION (USING READ/WRITE FUNCTION) [SKYACTIV-G 2.0].) (See PCM CONFIGURATION (USING AS-BUILT DATA) [SKYACTIV-G 2.0].)

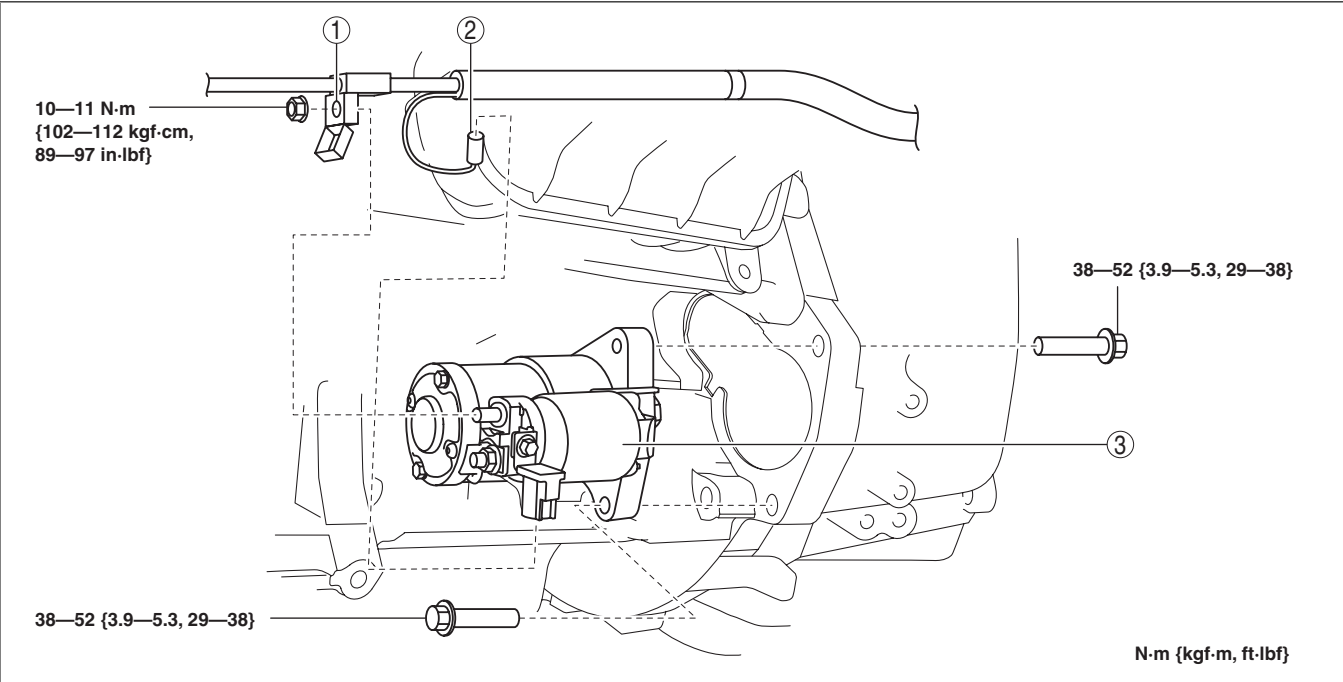
Step	Action
1	Note <ul style="list-style-type: none">• Perform the procedures from Step 1 to 5 within 2 min.<ul style="list-style-type: none">— If the operation exceeds 2 min, switch the ignition off and repeat the procedures from Step 1. Switch the ignition ON (engine off).
2	Apply the parking brake firmly.
3	Shift the selector lever to the N position.
4	Perform the following work with the brake pedal depressed. <ol style="list-style-type: none">1. Depress and release the accelerator pedal 6 times.2. Verify that the i-stop indicator light (green) flashes.<ul style="list-style-type: none">• If the light does not flash, switch the ignition off and repeat the procedure from Step 1.3. Depress and release the accelerator pedal 6 times.4. Verify that the i-stop indicator light (green) changes from flashing to illumination.<ul style="list-style-type: none">• If the light does not change to illumination, switch the ignition off and repeat the procedure from Step 1.
5	Long-press the i-stop OFF switch. Wait until the i-stop indicator light (green) turns off (for 5 s or more). <ul style="list-style-type: none">• If the light does not turn off, switch the ignition off and repeat the procedure from Step 1.
6	Switch the ignition off.
7	Start the engine.
8	Verify that the i-stop warning light (amber) turns off. <ul style="list-style-type: none">• If the light does not turn off, switch the ignition off and repeat the procedure from Step 1.
9	Switch the ignition off and disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0].)
10	Verifying battery condition initialization setting (i-stop setting). (See BATTERY CONDITION INITIALIZATION SETTING (i-stop SETTING) [SKYACTIV-G 2.0].)

Starter Removal/Installation

Warning

- **Remove and install all parts when the engine is cold, otherwise they can cause severe burns or serious injury.**
- **When the battery cables are connected, touching the vehicle body with starter terminal B will generate sparks. This can cause personal injury, fire, and damage to the electrical components. Always disconnect the negative battery cable before performing the following operation.**

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0 (WITHOUT i-stop)])
2. Remove the front under cover No.2. (See FRONT UNDER COVER No.2 REMOVAL/INSTALLATION.)
3. Remove in the order indicated in the table.
4. Install in the reverse order of removal.



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1	Terminal B cable
2	Terminal S connector

3	Starter
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