

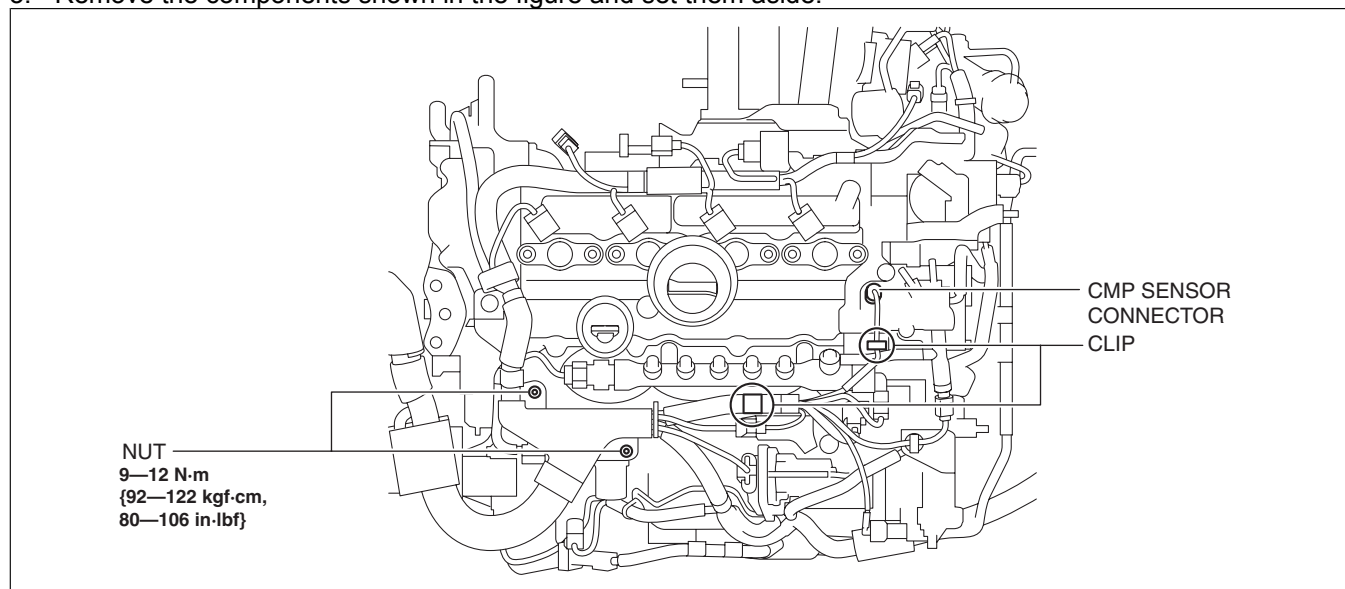
GLOW PLUG REMOVAL/INSTALLATION [SKYACTIV-D 2.2]

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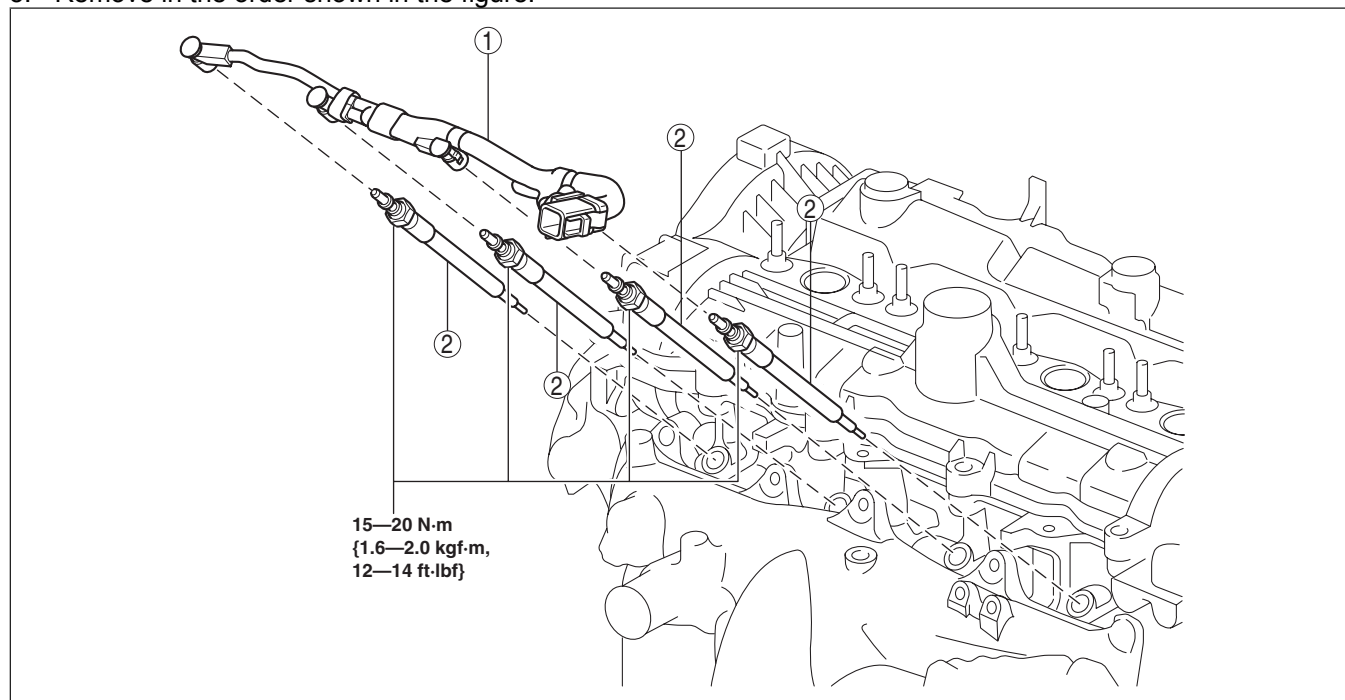
Caution

- Do not reuse a glow plug which has been dropped from a height exceeding 10 cm {3.9 in} even though there is no damage and the resistance is normal. Otherwise, the glow plug may not operate normally.

- Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the engine cover. (See ENGINE COVER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
- Remove the components shown in the figure and set them aside.



- Remove the intake manifold insulator. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
- Remove in the order shown in the figure.



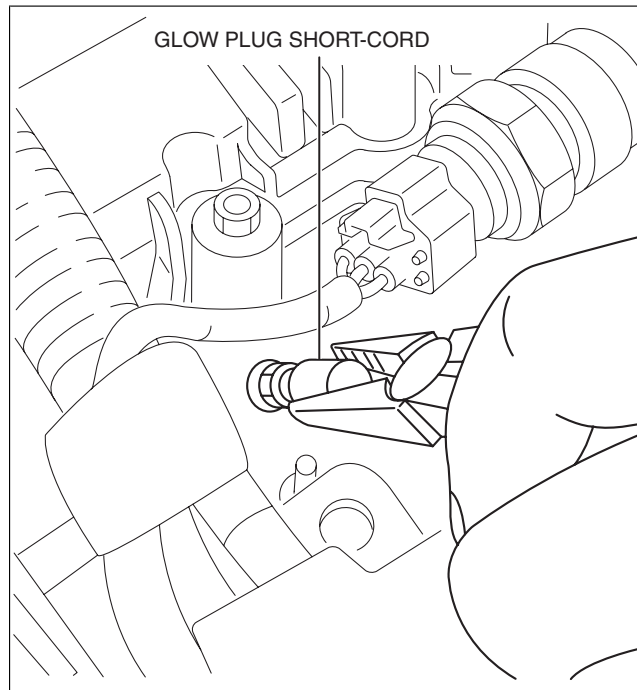
1	Glow plug short-cord (See Glow Plug Short-cord Removal Note.)
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|---|---|
| 2 | Glow plug
(See Glow Plug Removal Note.)
(See Cleaning Before Glow Plug Installation.)
(See Glow Plug Installation Note.) |
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Glow Plug Short-cord Removal Note

1. Pull out the glow plug from the glow plug short-cord as shown in the figure.



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Glow Plug Removal Note

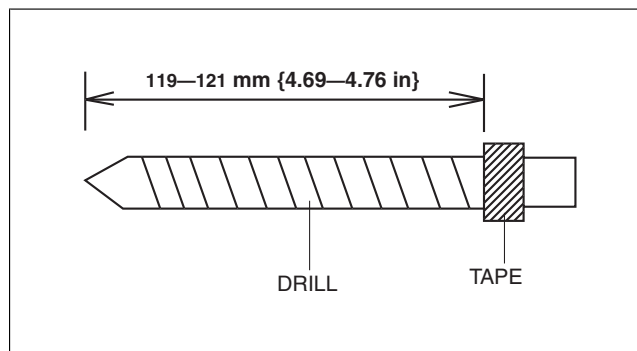
1. Loosen the glow plug using the tool until the thread is held by one thread, loosen it by hand, and then remove it.

Cleaning Before Glow Plug Installation

Caution

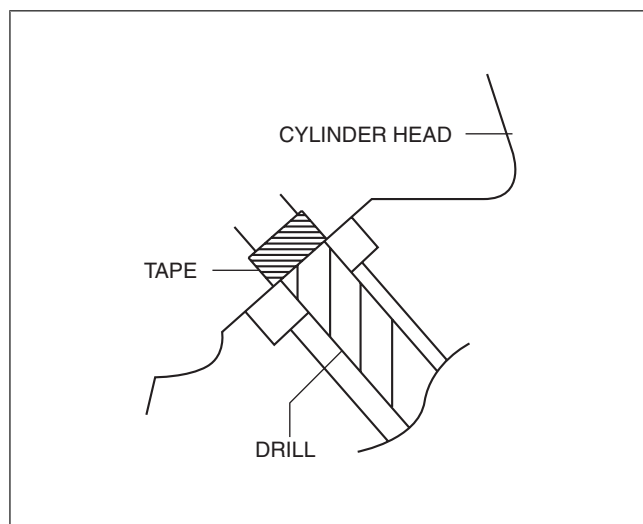
- If carbon adheres to the glow plug, it could damage the glow plug and the engine. Before installing the glow plug, remove the carbon adhering to the glow plug and the glow plug installation hole.

1. Wrap the drill (5.0—5.2 mm {0.197—0.204 in} and 5.2—5.4 mm {0.205—0.212 in} drill bit) from the end to the 119—121 mm {4.69—4.76 in} position with tape.



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2. Press the drill (5.0—5.2 mm {0.197—0.204 in} drill bit) until the wrapped part is inserted completely.
3. Rotate the drill by hand and remove the carbon from the glow plug installation hole.
4. Perform Steps 2 and 3 using a drill (5.2—5.4 mm {0.205—0.212 in} drill bit).



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Glow Plug Installation Note

1. Tighten the glow plug by hand until the thread is installed to one thread and tighten it using the tool.