

FORWARD SENSING CAMERA (FSC) REMOVAL/INSTALLATION

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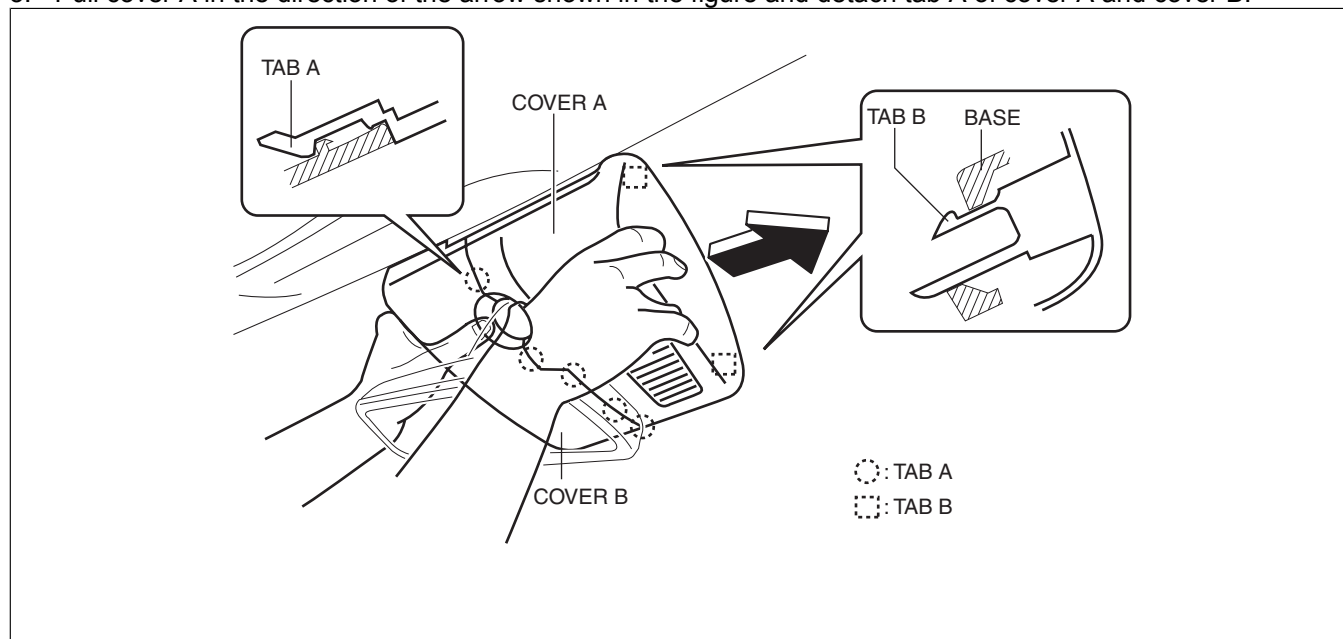
Caution

- If configuration is not performed when the FSC is replaced with a new one, the vehicle specification information is not stored in the FSC and the system will not operate normally.
- When performing configuration, it is necessary to read the vehicle specification information from the FSC before replacing it. Connect the M-MDS to the vehicle and perform vehicle identification before removing the FSC. The vehicle specification information is temporarily stored in the M-MDS.

Note

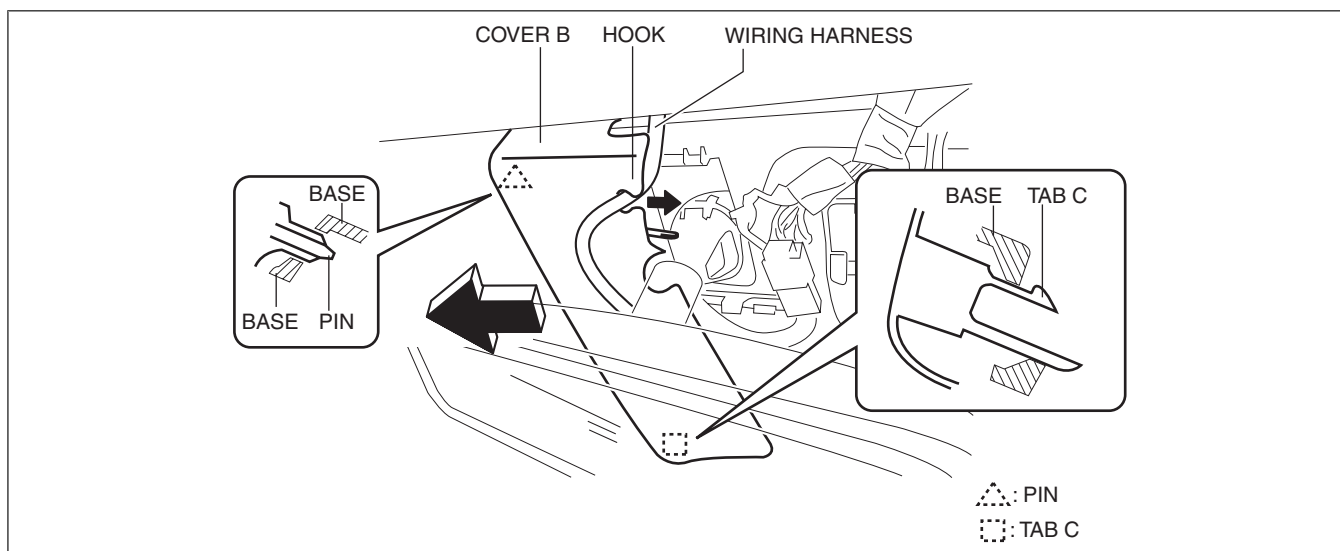
- The FSC prior to replacement stores the vehicle specification information.
- A new FSC does not store any vehicle specification information.
- If the vehicle specification information from the FSC prior to replacement cannot be read, perform the configuration using As-Built data.

1. When replacing the FSC, perform the configuration. (See FORWARD SENSING CAMERA (FSC) CONFIGURATION (USING READ/WRITE FUNCTION).)
2. 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)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
3. Pull cover A in the direction of the arrow shown in the figure and detach tab A of cover A and cover B.



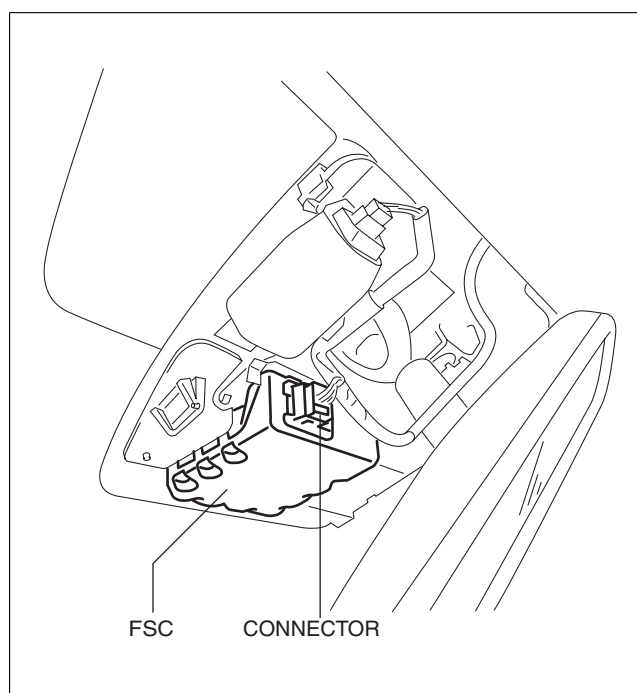
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4. Pull cover A in the direction of the arrow shown in the figure, detach tab B of cover A and the base, and remove cover A from the base.
5. Remove the wiring harness from the hook.



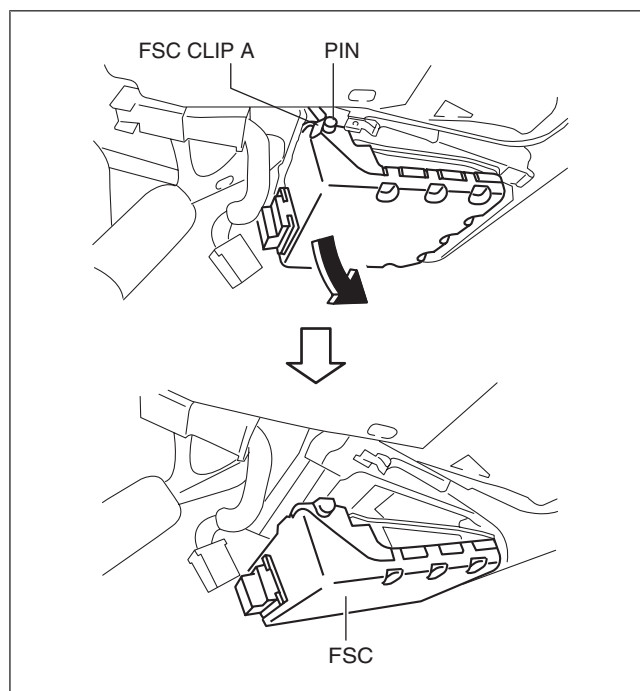
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6. Pull cover B in the direction of the arrow shown in the figure, detach the pin and tab C for cover B and the base, and remove cover B from the base.
7. Disconnect the connector.



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8. Pull the FSC in the direction of the arrow shown in the figure and remove the FSC pin from FSC clip A.



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9. Rotate the FSC in the direction of the arrow shown in the figure, remove the FSC hook from FSC clip B, and remove the FSC.
10. Install in the reverse order of removal.

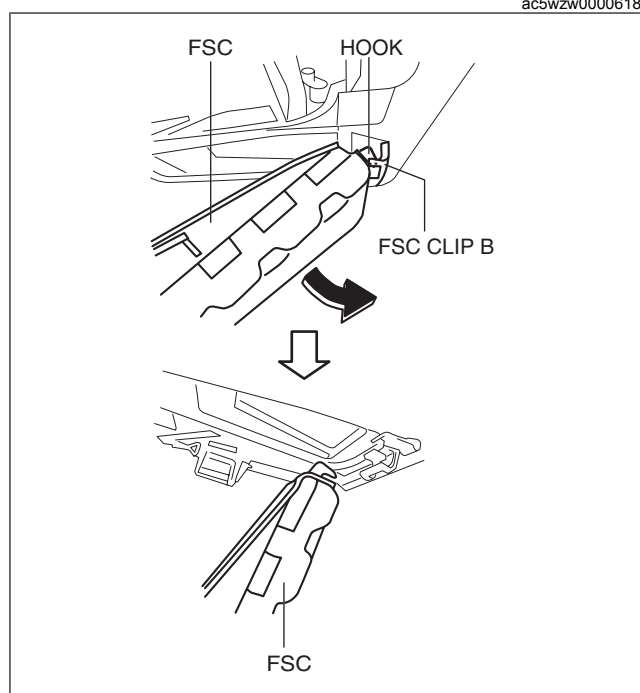
Note

- If configuration cannot be performed by reading/writing of the vehicle specification information, perform the configuration using As-Built information after replacing the FSC. (See FORWARD SENSING CAMERA (FSC) CONFIGURATION (USING AS-BUILT DATA).)

11. If the FSC is replaced, perform the FSC aiming (See FORWARD SENSING CAMERA (FSC) AIMING.).

Caution

- If FSC aiming is not performed after replacing the FSC, the high beam control (HBC) system and the lane departure warning system (LDWS) will not operate because the FSC cannot store the camera shot angle. If the FSC is replaced, perform the FSC aiming.



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