

EXHAUST GAS TEMPERATURE SENSOR REMOVAL/INSTALLATION [SKYACTIV-D 2.2]

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Exhaust Gas Temperature Sensor No.1

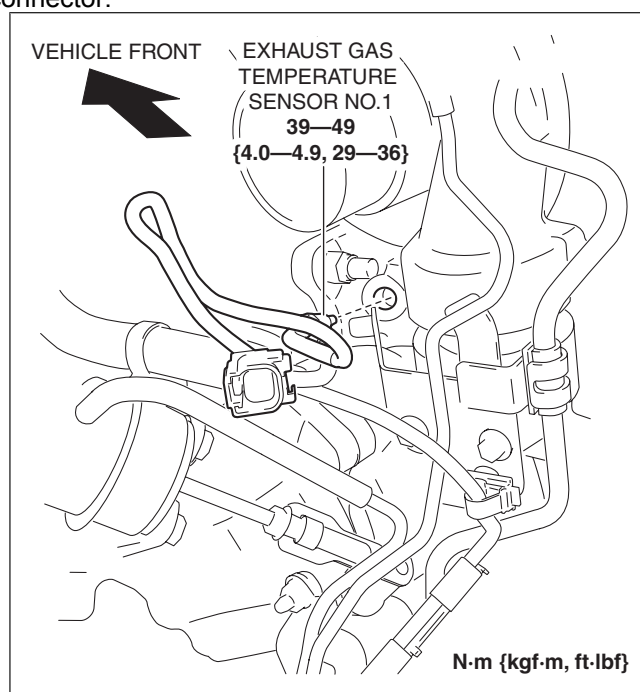
Warning

- A hot engine and exhaust system can cause severe burns. Turn off the engine and wait until they are cool before removing the exhaust system.

Caution

- Perform exhaust gas temperature sensor removal/installation only when inspection or replacement is required, such as when DTCs for the sensor are displayed, because it may cause exhaust gas leaks.
- If removal or installation/removal is performed, always verify that there is no exhaust gas leak after reinstallation.

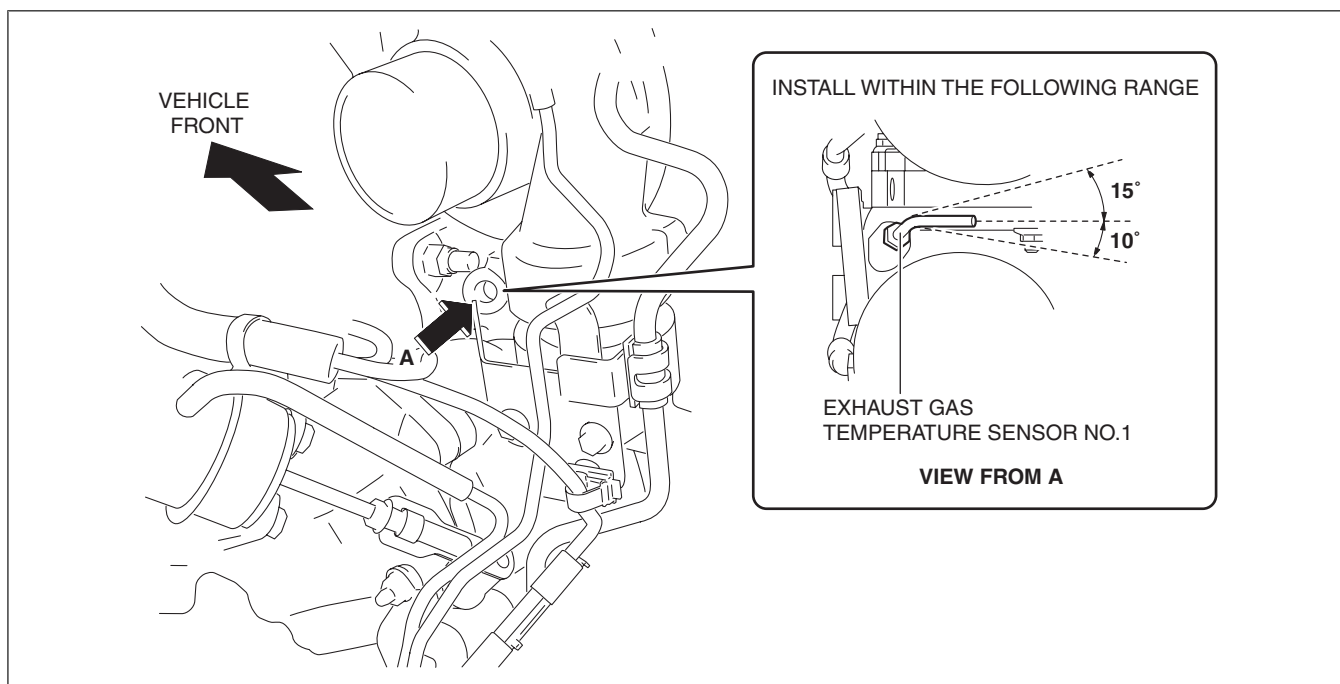
1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the battery. (See BATTERY REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3. Remove the air pipe and air hose. (See INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Disconnect the exhaust gas temperature sensor No.1 connector.
5. Remove the exhaust gas temperature sensor No.1. (See Exhaust Gas Temperature Sensor No.1 Installation Note.)
6. Install in the reverse order of removal.



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Exhaust Gas Temperature Sensor No.1 Installation Note

1. Install the exhaust gas temperature sensor No.1 shown in the figure.



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Exhaust Gas Temperature Sensor No.2

Warning

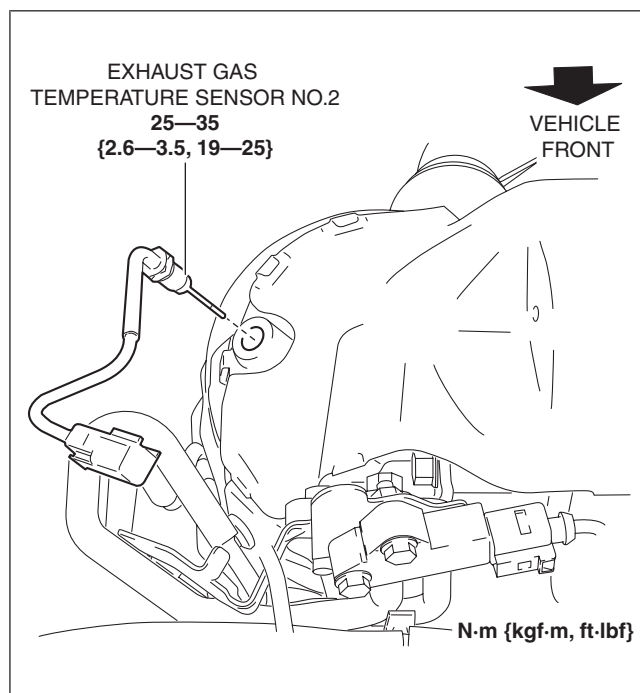
- A hot engine and exhaust system can cause severe burns. Turn off the engine and wait until they are cool before removing the exhaust system.

Caution

- Perform exhaust gas temperature sensor removal/installation only when inspection or replacement is required, such as when DTCs for the sensor are displayed, because it may cause exhaust gas leaks.
- If removal or installation/removal is performed, always verify that there is no exhaust gas leak after reinstallation.

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the engine cover. (See ENGINE COVER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3. Remove the insulator. (See TIMING CHAIN REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Disconnect the exhaust gas temperature sensor No.2 connector.

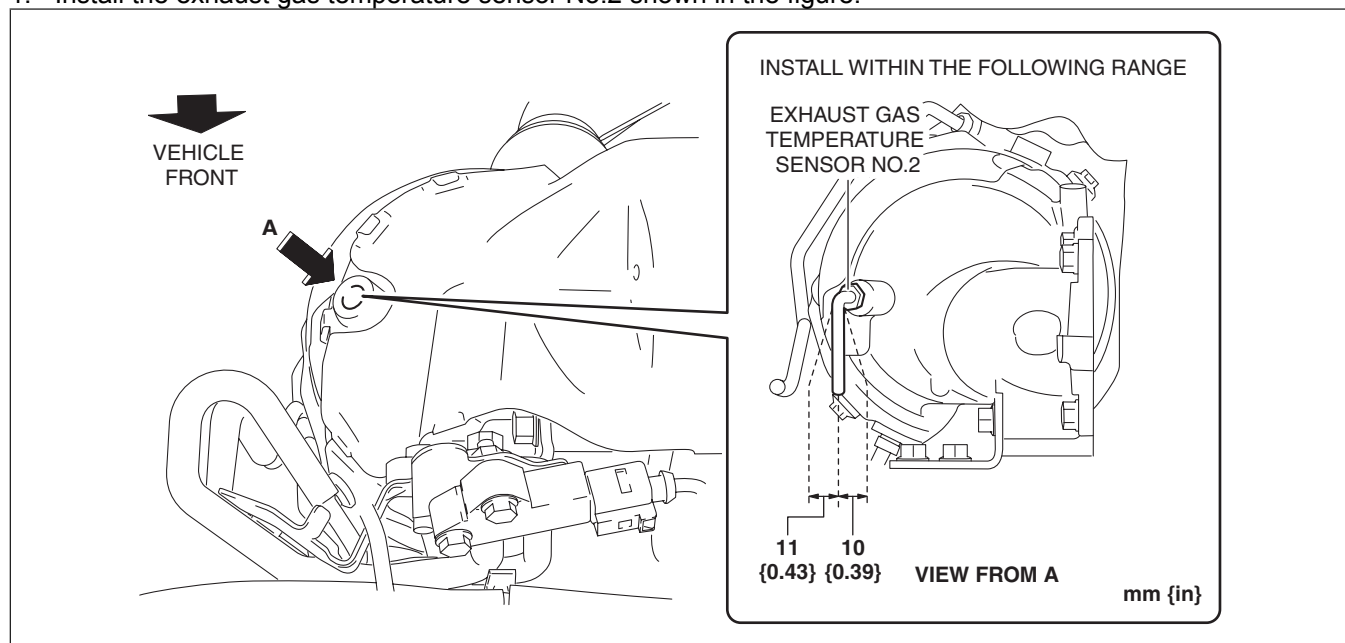
5. Remove the exhaust gas temperature sensor No.2.
(See Exhaust Gas Temperature Sensor No.2 Installation Note.)
6. Install in the reverse order of removal.



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Exhaust Gas Temperature Sensor No.2 Installation Note

1. Install the exhaust gas temperature sensor No.2 shown in the figure.



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Exhaust Gas Temperature Sensor No.3

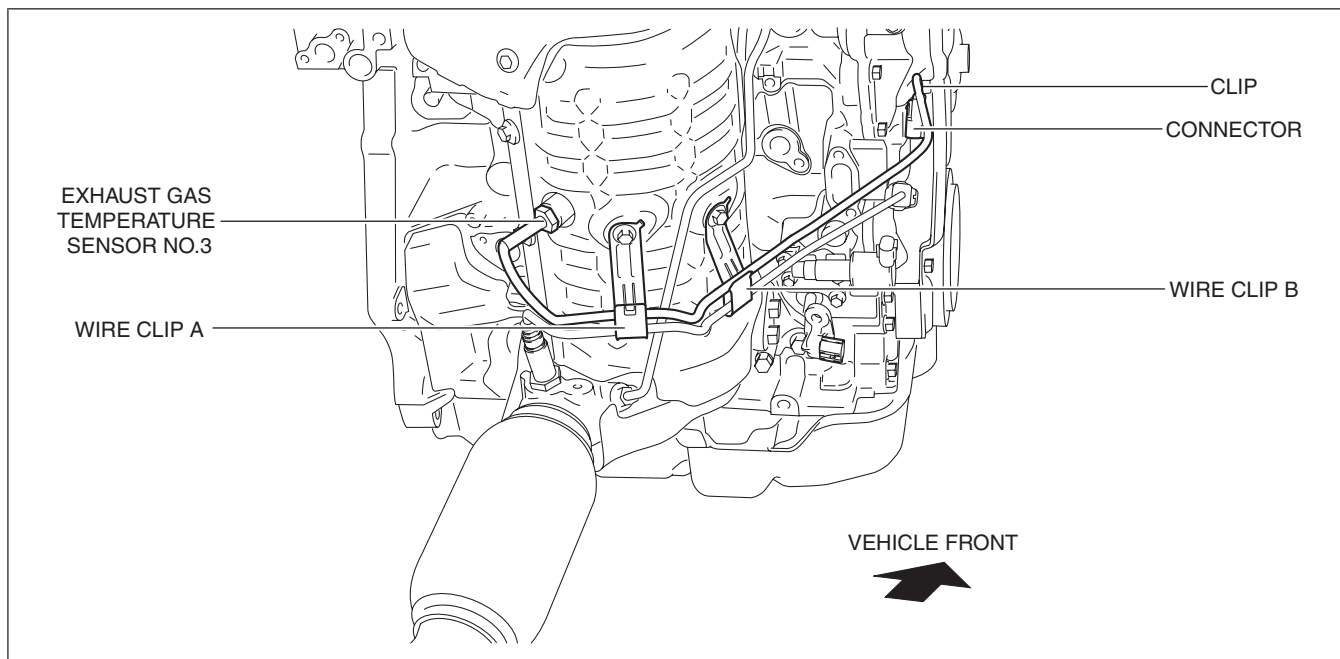
Warning

- A hot engine and exhaust system can cause severe burns. Turn off the engine and wait until they are cool before removing the exhaust system.

Caution

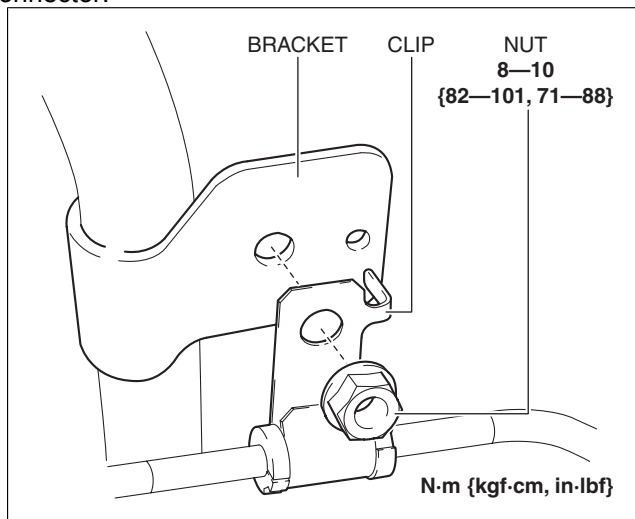
- Do not allow flammable objects such as the taping for bundling wiring harness to come into contact with the catalytic converter.
- Perform exhaust gas temperature sensor removal/installation only when inspection or replacement is required, such as when DTCs for the sensor are displayed, because it may cause exhaust gas leaks.

- If removal or installation/removal is performed, always verify that there is no exhaust gas leak after reinstallation.



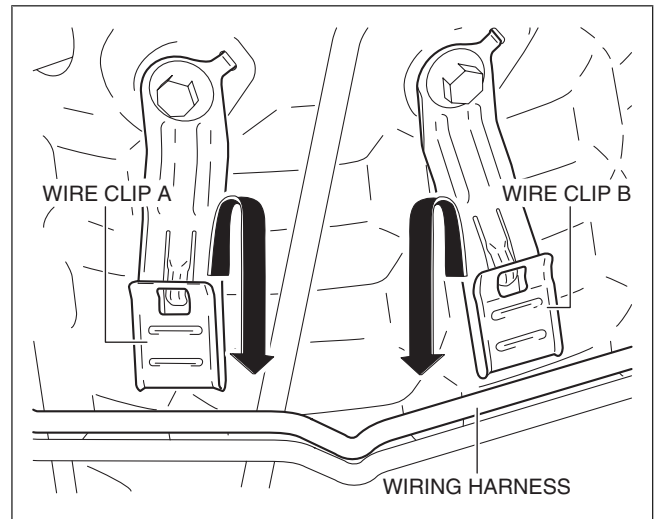
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1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Lift up the vehicle.
3. Remove the following parts:
 - (1) Front under cover No.2 (See FRONT UNDER COVER No.2 REMOVAL/INSTALLATION.)
 - (2) Splash shield (See SPLASH SHIELD REMOVAL/INSTALLATION.)
 - (3) Seal rubber (No.1) and noise suppression cover (No.1) (See TIMING CHAIN REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Disconnect the exhaust gas temperature sensor No.3 connector.
5. Remove the clip from the bracket.



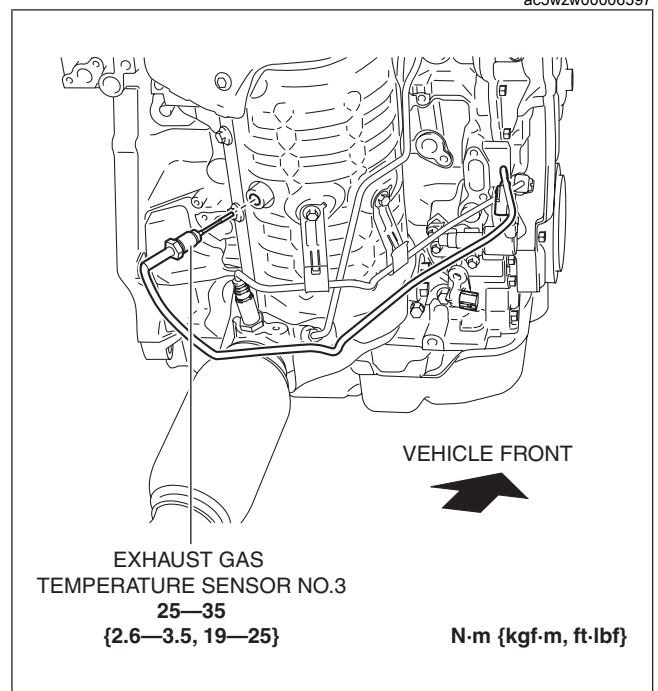
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6. Remove the wiring harness from the wire clip A and B. (See Assembly of Wiring Harness to Wire Clip Note.)



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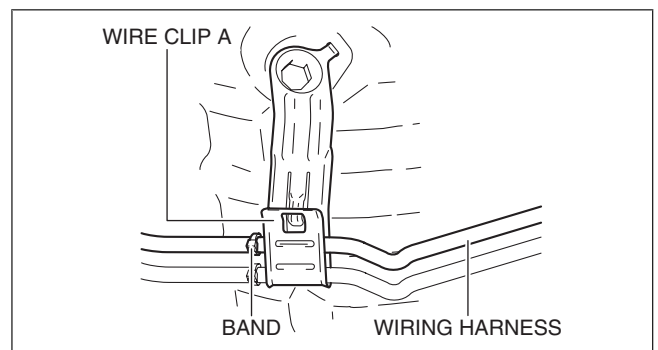
7. Remove the exhaust gas temperature sensor No.3.
8. Install in the reverse order of removal.



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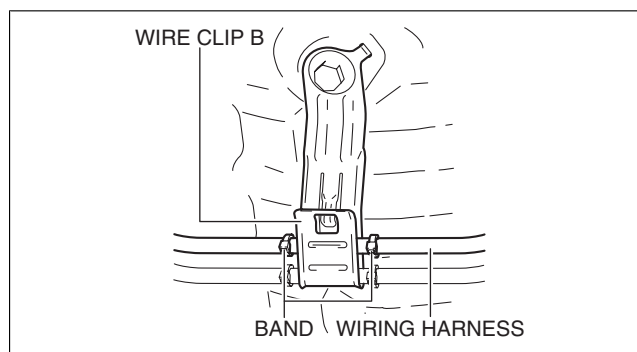
Assembly of Wiring Harness to Wire Clip Note

- Secure the wiring harness to the wire clip A so that the band on the wiring harness is positioned to the left side of the wire clip A.



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- Secure the wiring harness to the wire clip B so that the band on the wiring harness is positioned to the both sides of the wire clip B.



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