

2012 - Mazda6 - Engine

HEATED OXYGEN SENSOR (HO2S) REMOVAL/ INSTALLATION [MZI 3.7 V6]

WARNING:

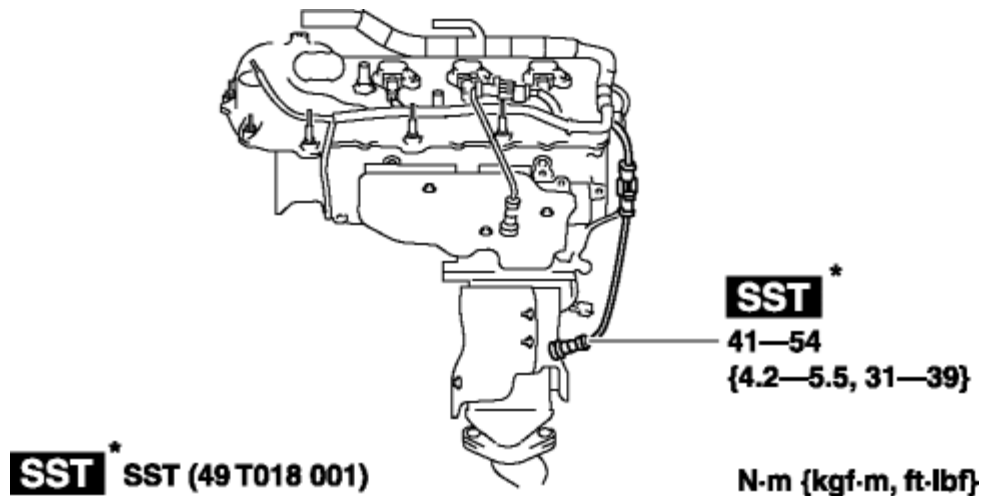
- A hot engine and exhaust system can cause severe burns. Turn off the engine and wait until they are cool before removing the exhaust system.

HO2S (LH) Removal/ Installation

1. Disconnect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
2. Disconnect the HO2S (LH) connector.

NOTE:

- If necessary, lubricate the HO2S (LH) with Penetrating and Lock Lubricant loosen to aid in removal.
3. Remove the HO2S (LH) using the **SST**.



NOTE:

- Apply a light coat of anti-seize lubricant to the threads of the HO2S.
4. Install in the reverse order of removal.

HO2S (RH) Removal/ Installation

1. Disconnect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
2. Remove the following part for easier access.

Windshield wiper arm and blade (See [WINDSHIELD WIPER ARM AND BLADE REMOVAL/ INSTALLATION.](#))

- Cowl grille (See [COWL GRILLE REMOVAL/ INSTALLATION.](#))
- Windshield wiper motor (See [WINDSHIELD WIPER MOTOR REMOVAL/ INSTALLATION.](#))
- Cowl panel (See [COWL PANEL REMOVAL/ INSTALLATION.](#))

3. Disconnect the HO2S (RH) connector.

4. Remove the front wheel and tire (RH). (See [GENERAL PROCEDURES \(SUSPENSION\).](#))

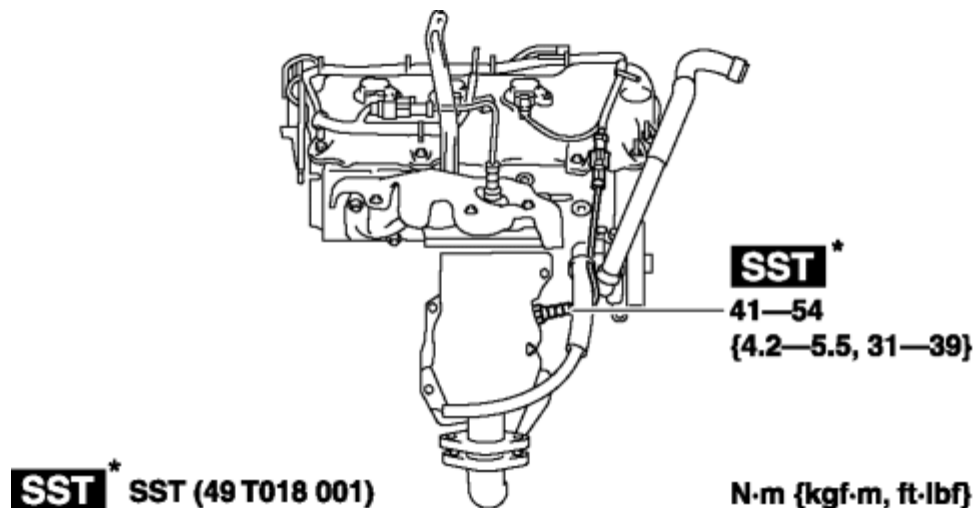
5. Remove the splash shield (RH). (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))

6. Disconnect the front drive shaft (RH) from the transaxle side. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))

NOTE:

- If necessary, lubricate the HO2S (RH) with Penetrating and Lock Lubricant loosen to aid in removal.

7. Remove the HO2S (RH) using the **SST**.



NOTE:

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8. Install in the reverse order of removal.

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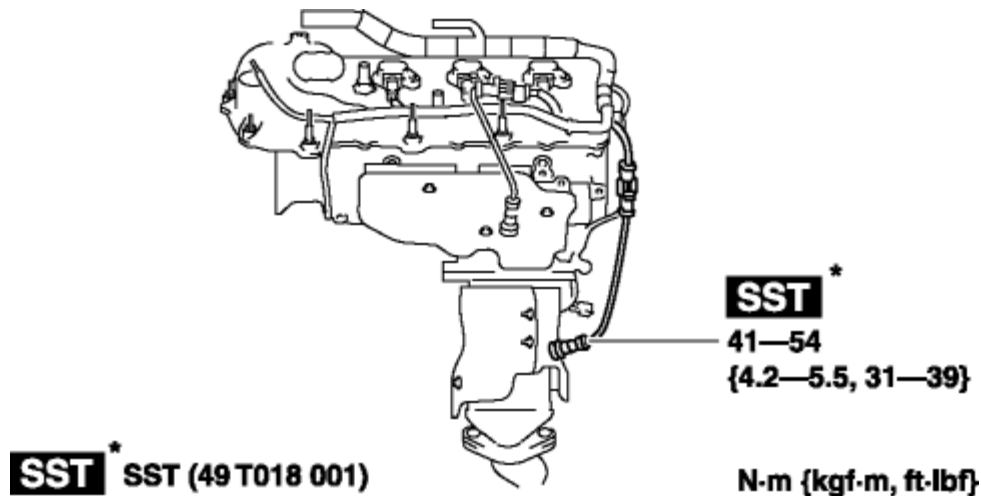
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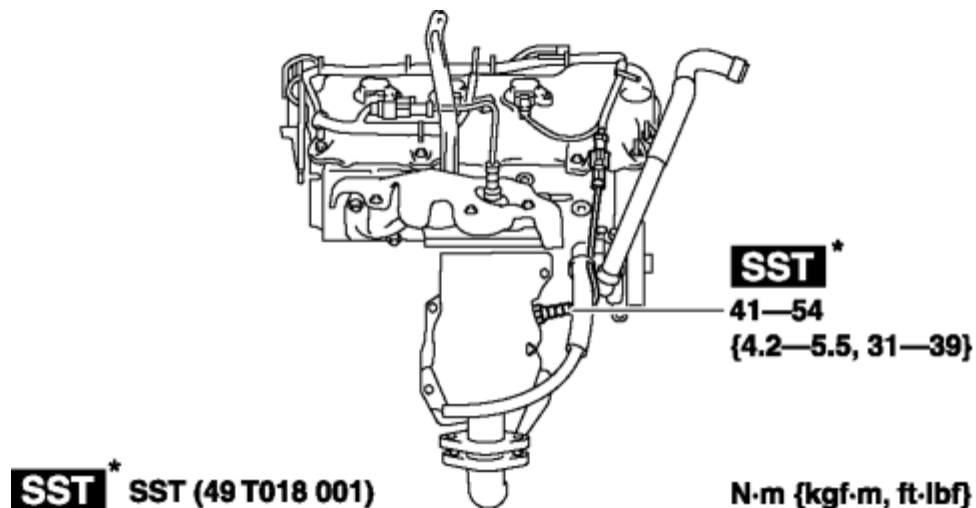
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