

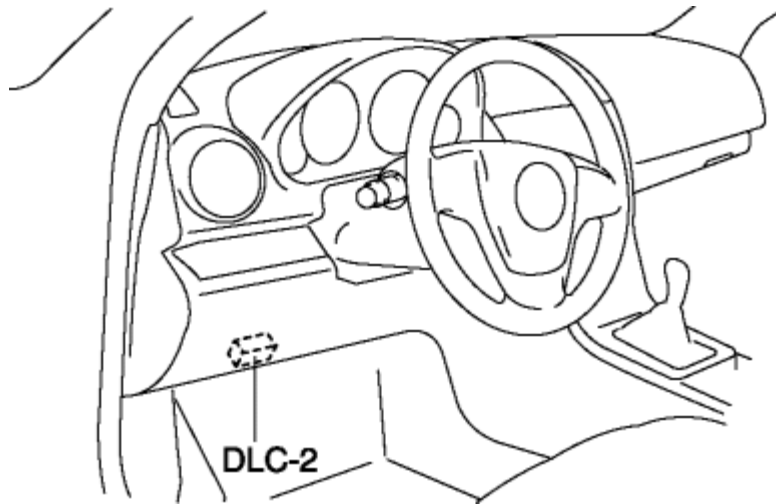
2012 - Mazda6 - Engine

ACCELERATOR PEDAL POSITION (APP) SENSOR INSPECTION [MZR 2.5]

NOTE:

- The APP sensor cannot be removed as a single unit. When replacing the APP sensor, replace it together with the accelerator pedal as a single unit.

1. Connect the M-MDS to the DLC-2.



2. Switch the ignition to ON.

3. Verify that the APP sensor output voltage (PID: APP1, APP2) increases according to the increase in the accelerator opening angle when the accelerator opening angle is gradually increased. (See [ON-BOARD DIAGNOSTIC TEST \[MZR 2.5\]](#).)

- If verified, go to the next step.
- If not as verified, replace the accelerator pedal. (See [ACCELERATOR PEDAL REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)

4. Verify that the APP sensor output voltage (PID: APP1, APP2) is within the specification when the accelerator pedal is depressed and not depressed. (See [ON-BOARD DIAGNOSTIC TEST \[MZR 2.5\]](#).) (See [PCM INSPECTION \[MZR 2.5\]](#).)

- If not as specified, replace the accelerator pedal. (See [ACCELERATOR PEDAL REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)

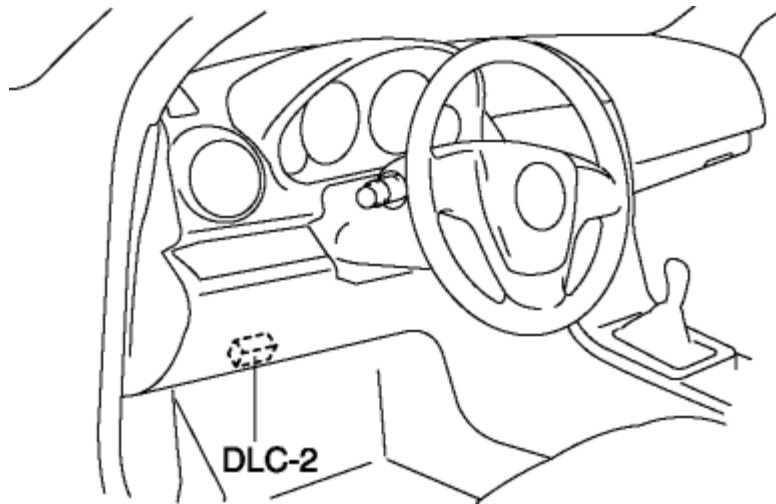
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