

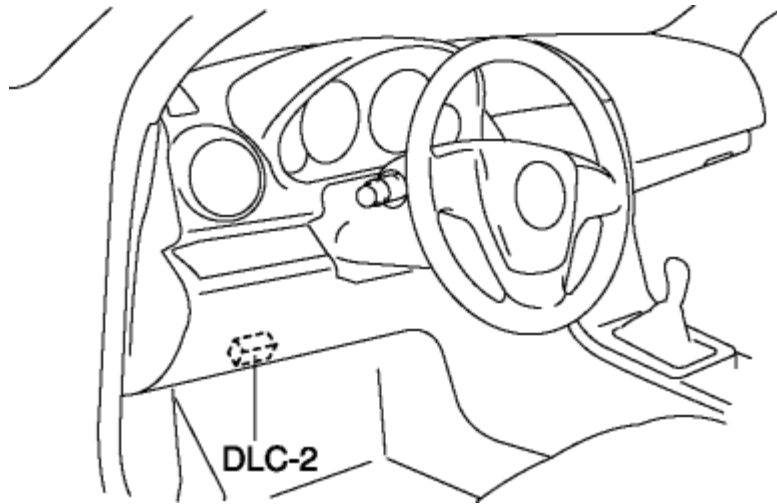
2012 - Mazda6 - Engine

VARIABLE TUMBLE SHUTTER VALVE POSITION SENSOR INSPECTION [MZR 2.5]

NOTE:

- The variable tumble shutter valve position sensor cannot be removed as a single unit. When replacing the variable tumble shutter valve position sensor, replace it together with the intake manifold as a single unit.

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



2. Switch the ignition to ON.
3. Verify that the variable tumble shutter valve position sensor output voltage (PID: IMRC_POS) within the specification. (See [.ON-BOARD DIAGNOSTIC TEST \[MZR 2.5\]](#)) (See [PCM INSPECTION \[MZR 2.5\]](#).)
 - If not as specified, replace the intake manifold. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)

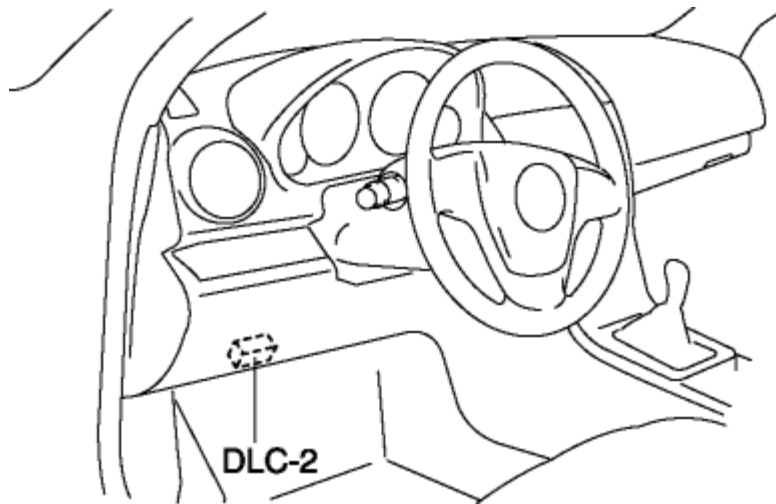
2012 - Mazda6 - Engine

VARIABLE TUMBLE SHUTTER VALVE POSITION SENSOR INSPECTION [MZR 2.5]

NOTE:

- The variable tumble shutter valve position sensor cannot be removed as a single unit. When replacing the variable tumble shutter valve position sensor, replace it together with the intake manifold as a single unit.

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



2. Switch the ignition to ON.
3. Verify that the variable tumble shutter valve position sensor output voltage (PID: IMRC_POS) within the specification. (See [.ON-BOARD DIAGNOSTIC TEST \[MZR 2.5\]](#)) (See [PCM INSPECTION \[MZR 2.5\]](#).)
 - If not as specified, replace the intake manifold. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)