

2012 - Mazda6 - Body and Accessories

STEERING ANGLE SENSOR INITIALIZATION PROCEDURE

WARNING:

- If the steering angle sensor reference point setting is not completed, it could result in an unexpected accident due to the related systems being inoperative. Therefore, if the BCM connector or negative battery cable are disconnected, or the BCM power supply is interrupted, always perform the steering angle sensor reference point setting and verify that each system is operational.

NOTE:

- The BCM stores the steering angle reference point using battery power supply. Therefore, if the following operations are performed and the power supply to the BCM is interrupted, the stored steering angle reference point will be erased.
 - The negative battery cable is disconnected
 - A fuse (ROOM) is removed
 - The BCM connector is disconnected
 - The steering angle sensor connector is disconnected
 - Replace the steering angle sensor
 - Replace the BCM

1. Inspect the wheel alignment, inflation pressure, and the installation condition of the steering wheel.

- If there is any malfunction, adjust the applicable part.

2. Connect the negative battery cable.

3. Switch the ignition to ON.

4. Confirm that the DSC indicator light illuminates and that the DSC OFF light flashes.

5. Turn the steering wheel to full right lock, then turn it to full left lock.

6. Confirm that the DSC OFF light and DSC indicator light goes out.

- If the DSC indicator light does not go out, disconnect the negative battery cable, and perform the procedure again starting from Step 3 shown above.

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