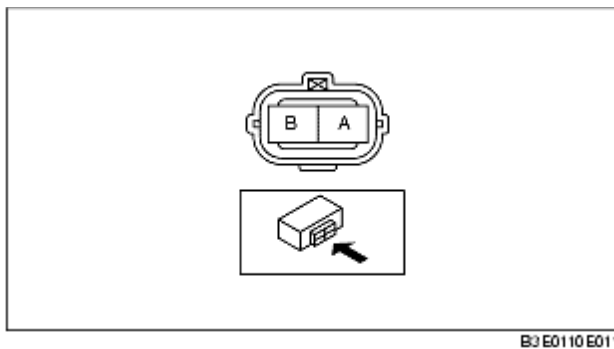


OIL CONTROL VALVE (OCV) INSPECTION [ZJ, Z6]

B3E011014420W02

Coil resistance inspection

1. Remove the battery cover.
2. Disconnect the negative battery cable.
3. Disconnect the OCV connector.
4. Measure the coil resistance between terminals A and B using a tester.



- If not within the specification, replace the OCV.

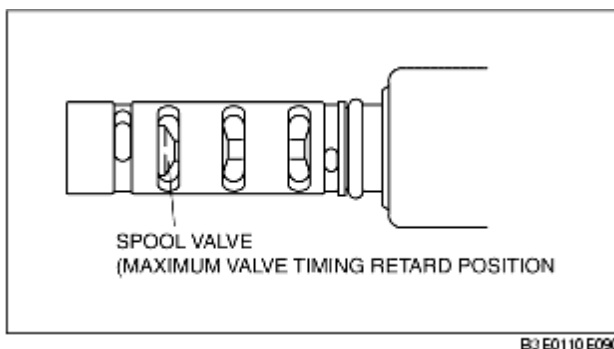
Standard

6.9-7.9 ohms [20°C {68°F}]

5. Connect the OCV connector.

Spool Valve Operation Inspection

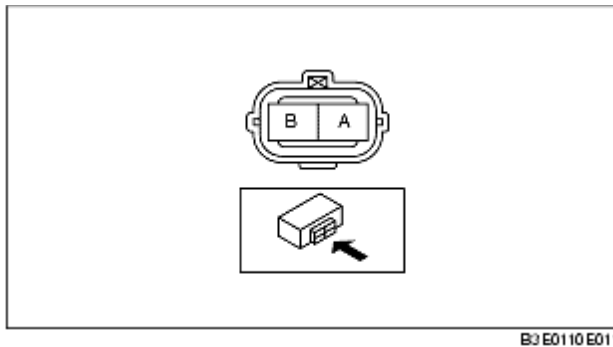
1. Remove the battery cover.
2. Disconnect the negative battery cable.
3. Remove the OCV. (See [OIL CONTROL VALVE \(OCV\) REMOVAL/INSTALLATION \[ZJ, Z6\]](#).)
4. Verify that the spool valve inside the OCV is at the maximum valve timing retard position as shown in the figure.



- If it cannot be verified, replace the OCV.

5. Verify that the battery is fully charged.

6. Apply battery positive voltage between oil control valve terminals A and B, and verify that the spool valve operates and moves to the maximum valve timing advance position.

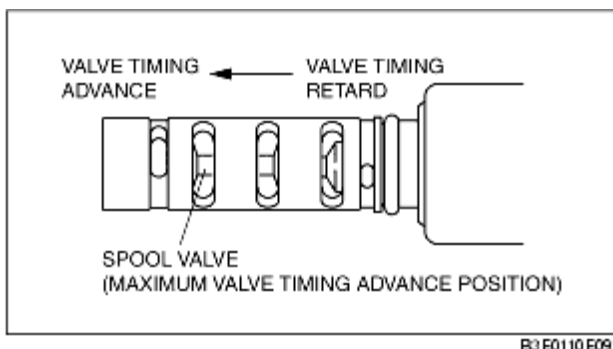


- If there is any malfunction, replace the OCV.

Note

- When applying battery positive voltage between the oil control valve terminals, the connection of the negative and positive cable can be either the A or B terminal.

7. Stop applying battery positive voltage and verify that the spool valve returns to the maximum valve timing retard position.



- If it cannot be verified, replace the OCV.

8. Install the OCV. (See [OIL CONTROL VALVE \(OCV\) REMOVAL/INSTALLATION \[ZJ, Z6\]](#).)