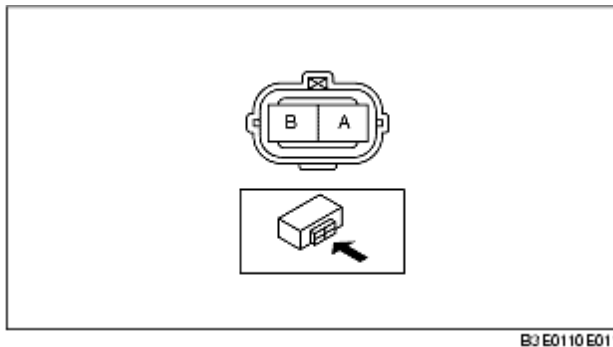


OIL CONTROL VALVE (OCV) INSPECTION

B3E011014420E02

Coil Resistance Inspection

1. Measure the coil resistance between terminals A and B using the tester.

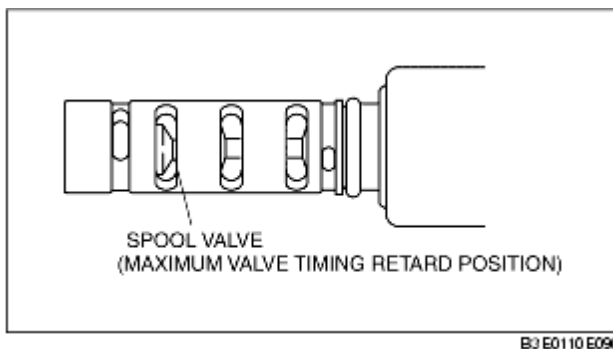


- If not within the specification, replace the oil control valve (OCV).

Standard coil resistance
6.9-7.9 ohms [20°C {68°F}]

Spool Valve Operation Inspection

1. Verify that the spool valve in the oil control valve (OCV) is in the maximum valve timing retard position as shown in the figure.



- If it cannot be verified as shown, replace the oil control valve (OCV).

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

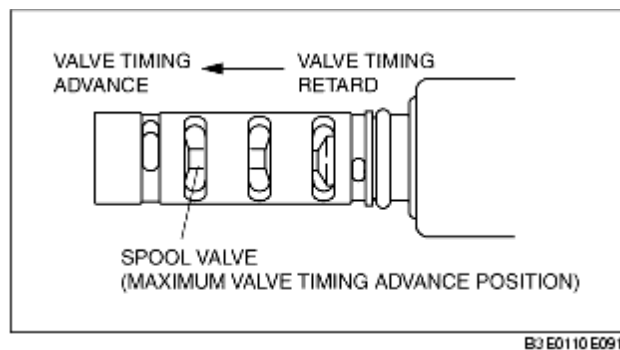
- If it cannot be verified as shown in the figure, replace the oil control valve (OCV).

Note

- When applying battery positive voltage between the oil control valve (OCV) terminals, the connection of the positive and negative battery cable can be with either of the oil control valve (OCV) terminals.

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

retard position.



- If it cannot be verified as shown in the figure, replace the oil control valve (OCV).