

OIL CONTROL VALVE (OCV) INSPECTION

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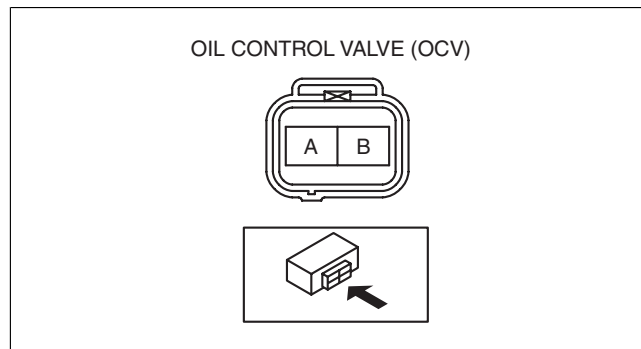
Coil Resistance Inspection

1. Measure the resistance between terminals A and B using an ohmmeter.

OCV coil resistance

6.9—7.5 ohms [20°C {68°F}]

- If it is not within the specification, replace the OCV.



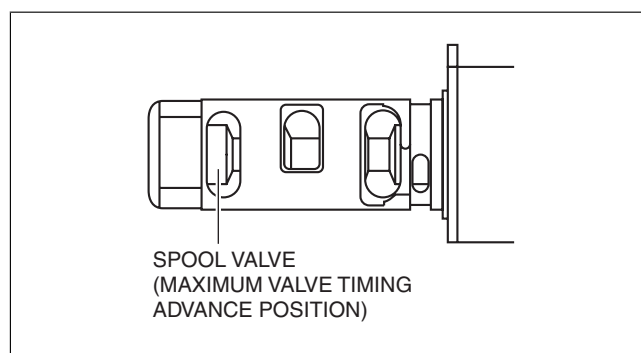
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Spool Valve Operation Inspection

1. Verify that the spool valve in the OCV is in the maximum valve timing advance position as indicated in the figure.
 - If there is any malfunction, replace the OCV.

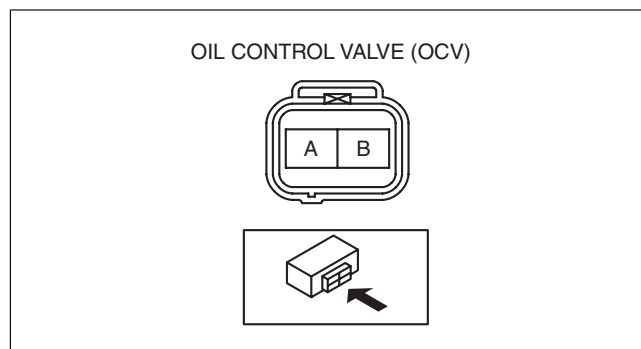
Note

- When applying battery positive voltage between the OCV terminals, the connection can be either of the following:
 - Positive battery cable to terminal A, negative battery cable to terminal B
 - Positive battery cable to terminal B, negative battery cable to terminal A



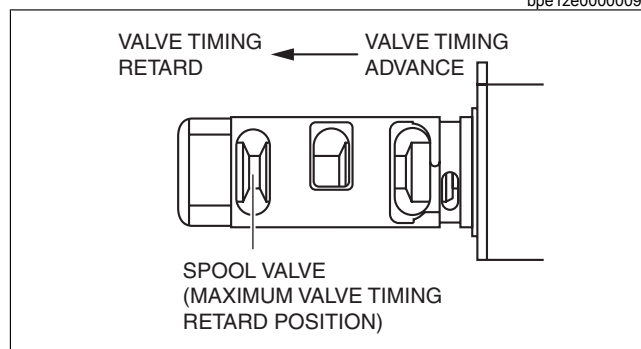
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2. Apply battery positive voltage between the OCV terminals and verify that the spool valve operates and moves to the maximum valve timing retard position.



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3. Stop applying battery positive voltage and verify that the spool valve returns to the maximum valve timing advance position.
 - If there is any malfunction, replace the OCV.



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