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INSPECTION

1. Check the signal waveform of the CMPS and CKPS using the KDS.

Specification: Refer to "Wave Form"

REMOVAL

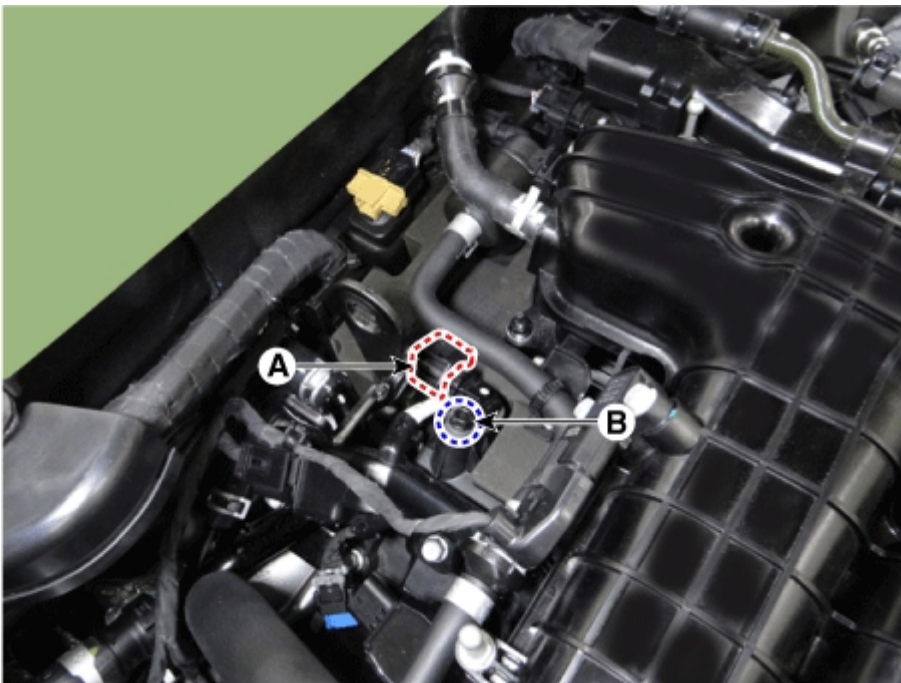
⚠ WARNING

DON'T remove the camshaft position sensor while the engine is running or right after engine is turned off. The part and engine oil is hot and can cause burns.

[Bank 1]

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Remove the engine cover.
(Refer to Engine Mechanical System - "Engine Cover")
3. Disconnect the camshaft position sensor connector (A).
4. Remove the camshaft position sensor after loosening the mounting bolt (B).

[Bank 1 / Intake]



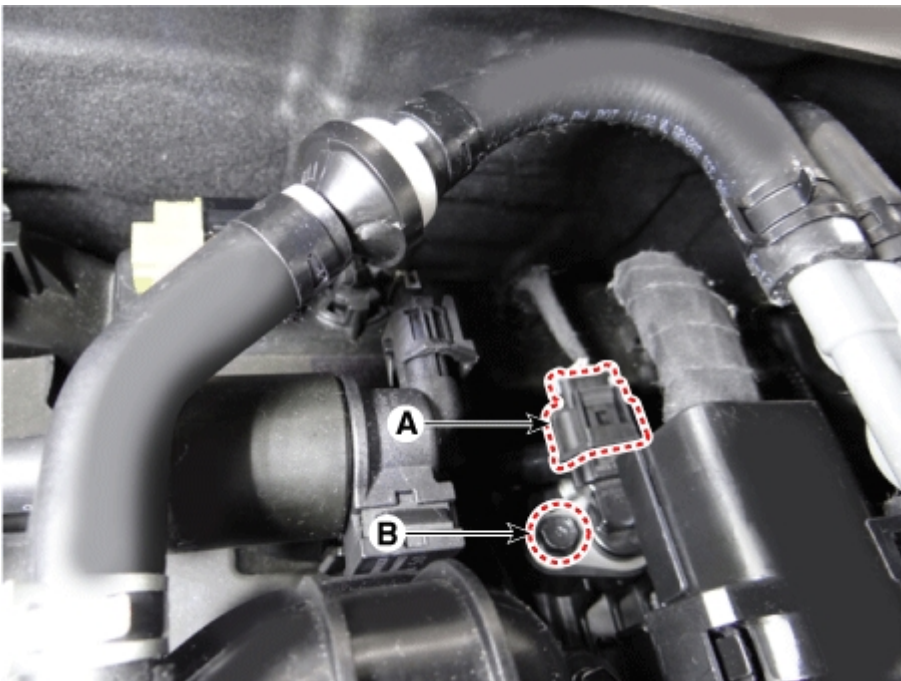
[Bank 1 / Exhaust]



[Bank 2]

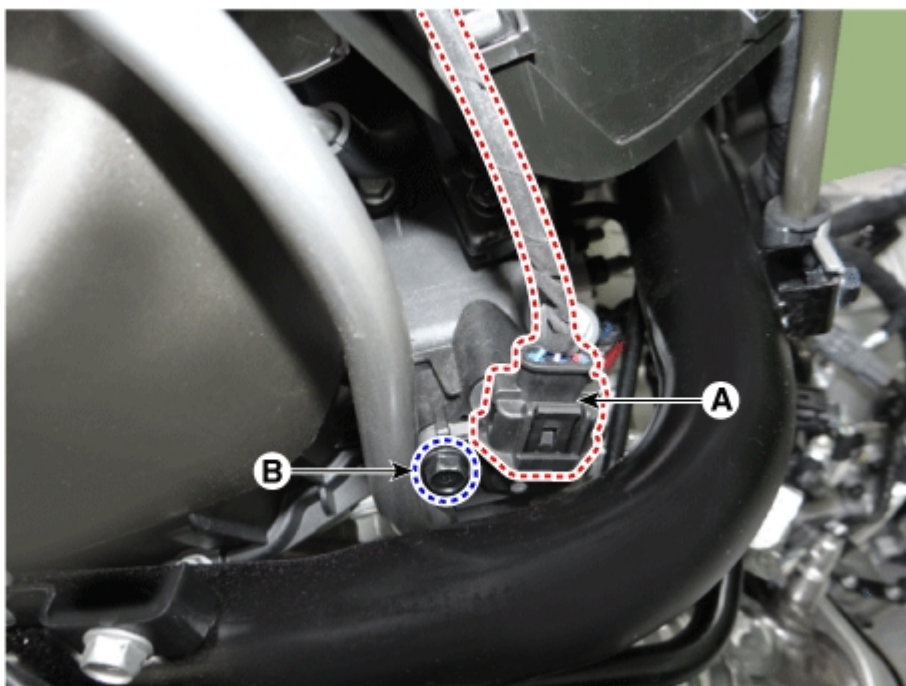
1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Remove the engine cover.
(Refer to Engine Mechanical System - "Engine Cover")
3. Disconnect the camshaft position sensor connector (A).
4. Remove the camshaft position sensor after loosening the mounting bolt (B).

[Bank 2 / Intake]



5. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
6. Remove the oil level gauge & pipe.
(Refer to Engine Mechanical System - "Oil Level Gauge & Pipe")
7. Disconnect the camshaft position sensor connector (A).
8. Remove the camshaft position sensor after loosening the mounting bolt (B).

[Bank 2 / Exhaust]



INSTALLATION

NOTICE

- Install the component to the specified torques.
- Note that internal damage may occur when the component is dropped. In this case, use it after inspecting.
- Apply the engine oil to the O-ring.
- Insert the sensor into the installation hole and be careful not to damage it during the installation.
- Be careful not to damage the sensor housing and the connector.
- Be careful not to damage the O-ring.

1. Install in the reverse order of removal.

*** Thanks for your cooperation for the more quality. Please surely rate this document before closing.**