

Inspection

1. Check the signal waveform of the CMPS and CKPS using the Diagnostic tool.

Specification : Refer to "Wave Form"

Removal

⚠ WARNING

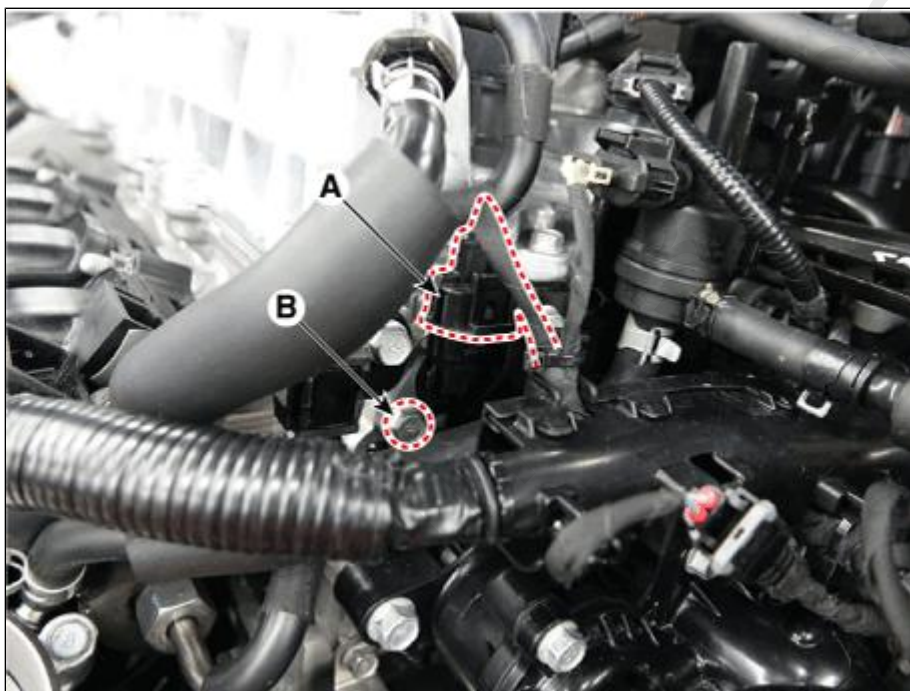
DON T remove the camshaft position sensor while the engine is running or right after engine is turned off.
The part and engine oil is hot and can cause burns.

[Bank 1 / Intake]

1. Turn the ignition switch OFF and disconnect the battery negative (-) cable.
2. Remove the air cleaner assembly
(Refer to Engine Mechanical System - "Air Cleaner")
3. Disconnect the camshaft position sensor connector (A).
4. Remove the installation bolt (B), and then remove the sensor.

Tightening torque :

9.8 - 11.7 N.m (1.0 - 1.2 kgf.m, 7.2 - 8.6 lb-ft)

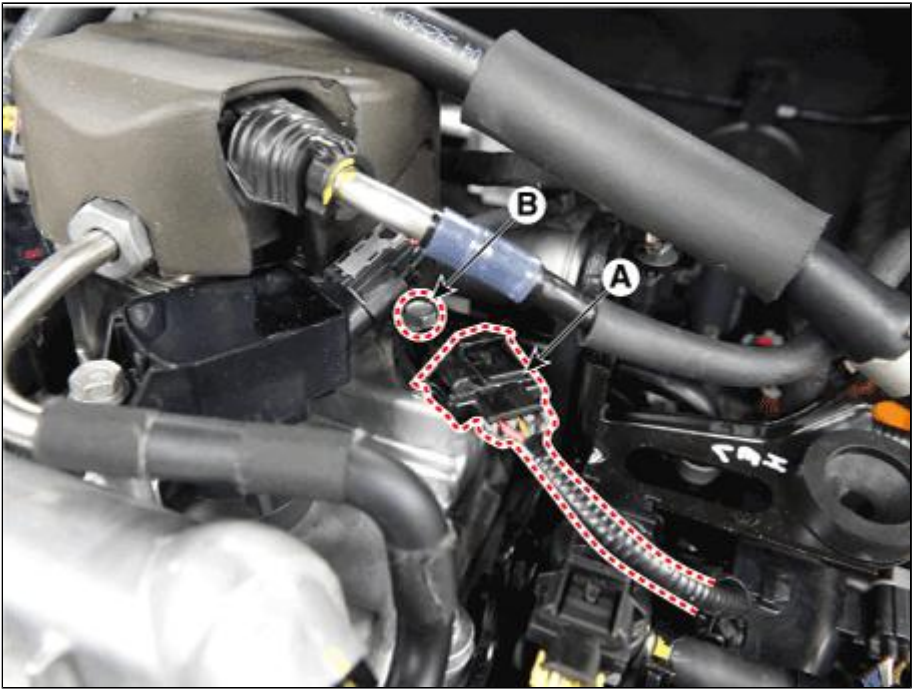


[Bank 1 / Exhaust]

1. Turn the ignition switch OFF and disconnect the battery negative (-) cable.
2. Remove the air cleaner assembly
(Refer to Engine Mechanical System - "Air Cleaner")
3. Disconnect the camshaft position sensor connector (A).
4. Remove the installation bolt (B), and then remove the sensor.

Tightening torque :

9.8 - 11.7 N.m (1.0 - 1.2 kgf.m, 7.2 - 8.6 lb-ft)



Installation

⚠ CAUTION

Install the component with the specified torques.
Note that internal damage may occur when the component is dropped. If the component has been dropped, inspect before installing.

⚠ CAUTION

Apply the engine oil to the O-ring.

⚠ CAUTION

Insert the sensor in the installation hole and be careful not to damage.

⚠ CAUTION

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.

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- ☐ Document Rating :

Please rate the above contents on a scale of 1 to 5.

Little Value

1

2

3

4

5

Excellent Value