

Inspection

[Motor]

1. Turn the ignition switch OFF.
2. Disconnect the EEGR valve connector.
3. Check that the EEGR valve is stuck by foreign material.
4. Measure resistance between motor 1 and 3 control terminals of the motor.
5. Check that the resistance is within the specification.

⌘ · Specification

Item	Specification
Coil Resistance (⌘)	2.21 - 2.99

[Feedback Position Sensor]

1. Connect the Diagnostic tool to the data link connector.
2. Perform the fully open and the fully closing operation of the EEGR valve by using the actuation test.
3. Check that the voltage is within the specification

⌘ · Specification

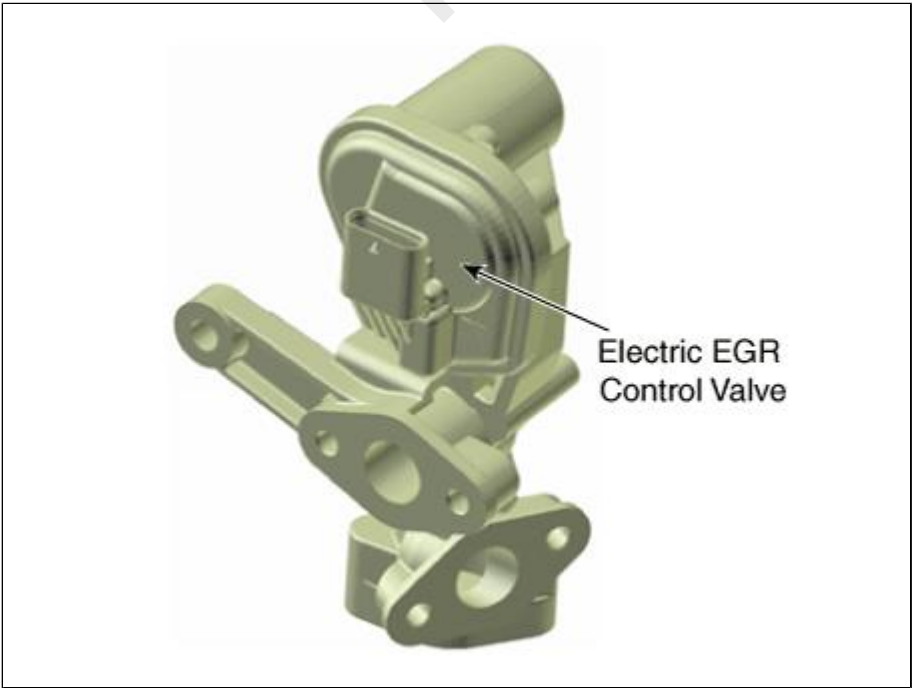
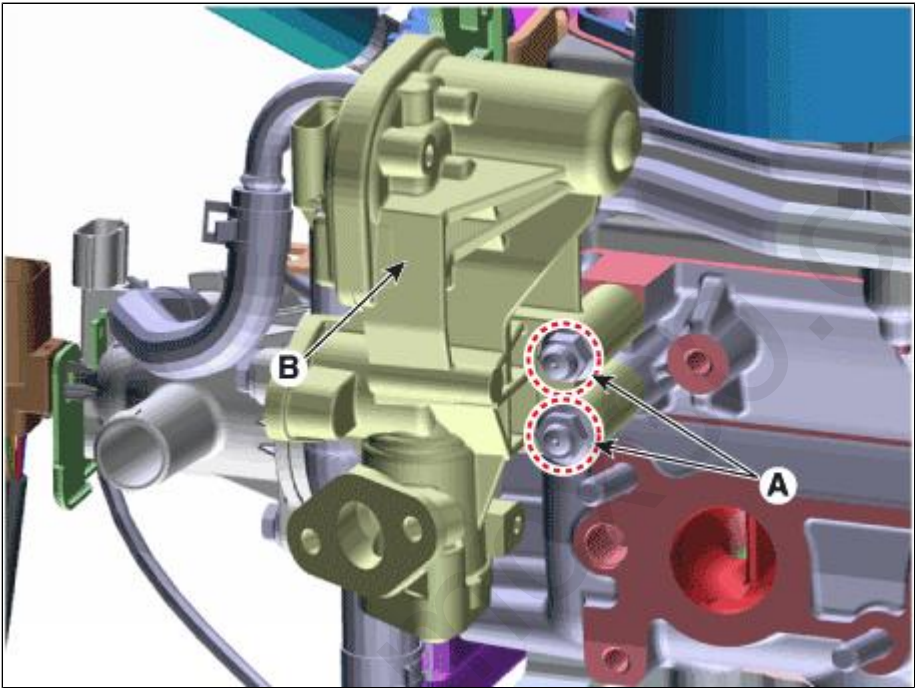
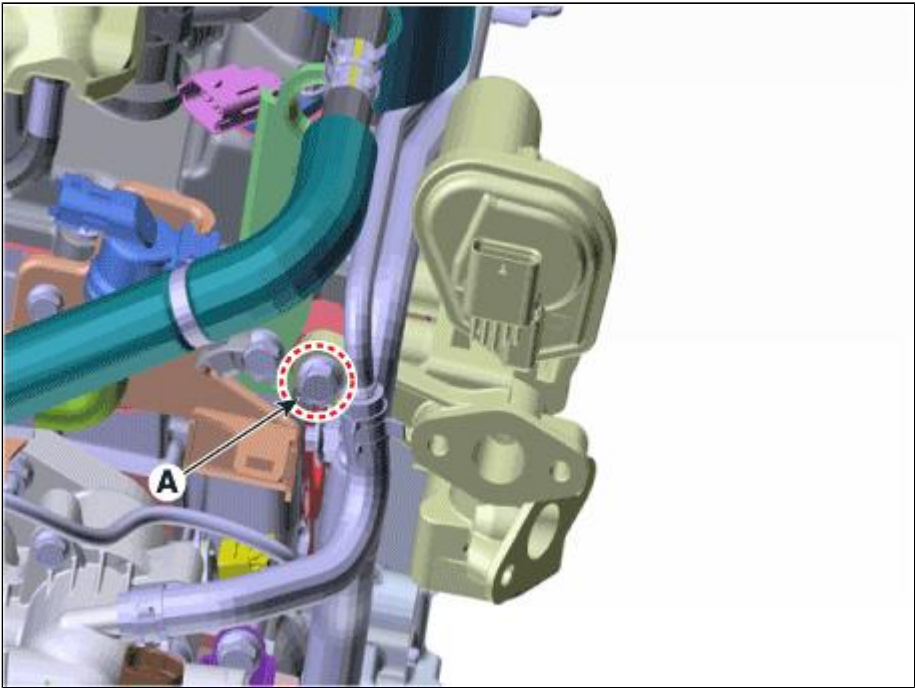
Item	Specification
Opened Voltage (V)	0.75 - 1.25
Closed Voltage (V)	3.85 - 4.15

Removal

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 EEGR control valve connector (A).



4. Remove the EGR cooler pipe.
(Refer to Engine Mechanical System - "EGR Cooler")
5. Remove the EEGR control valve (B) after removing the mounting bolt and nut (A).



Installation

1. Install in the reverse order of removal.

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1

2

3

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