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INSPECTION

1. Connect the KDS on the Data Link Connector (DLC).
2. Measure the output voltage of the RPS at idle and various engine speed.

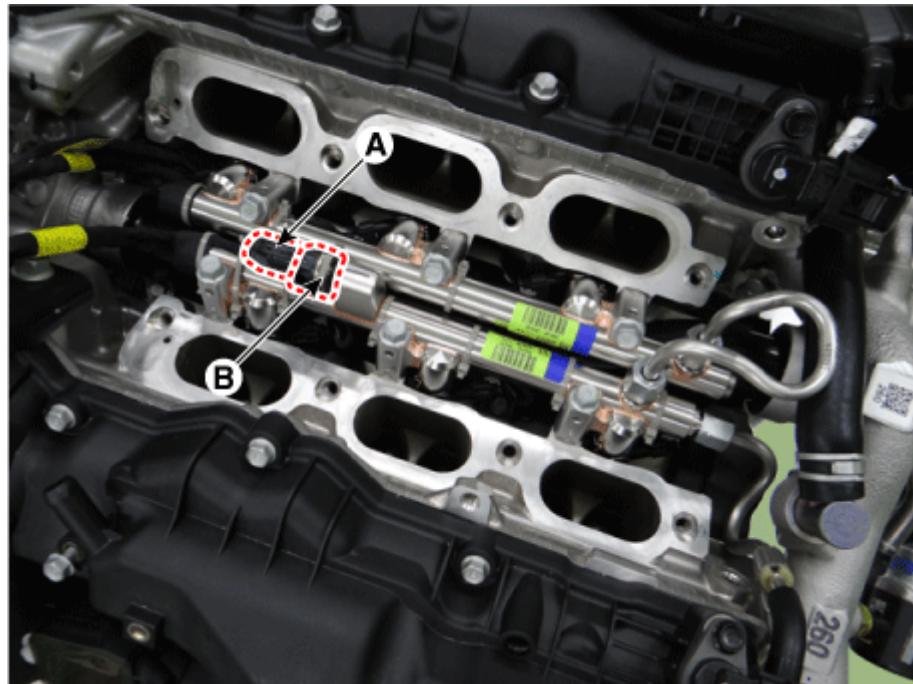
Pressure		Output Voltage (V) [Vref=5V]
bar	[MPa (kgf/cm ² , psi)]	
0	0 (0, 0)	0.5
140	14 (142, 2031)	2.5
280	28 (286, 4061)	4.5

REMOVAL

1. Release the residual pressure in fuel line.
(Refer to the Fuel Delivery System - "Release Residual Pressure in Fuel Line")
2. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
3. Remove the intake manifold.
(Refer to Engine Mechanical System - "Intake Manifold")
4. Disconnect the rail pressure sensor connector (A), and then remove the sensor (B) from the delivery pipe.

Rail Pressure Sensor :

29.4 - 34.3 N·m (3.0 - 3.5 kgf·m, 21.7 - 25.3 lb·ft)



INSTALLATION

NOTICE

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

1. Install in the reverse order of removal.

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