

Inspection

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

Condition	Output Voltage (V)
Idle	Approx. 1.2
1,500 rpm	2.2 - 2.5
6,300 rpm	Approx. 3.0

Removal

1. Turn the ignition switch OFF and disconnect the battery negative (-) cable.
2. Release the residual pressure in fuel line.
(Refer to Fuel Delivery System - "Release Residual Pressure in Fuel Line")

⚠ CAUTION

⌘ When removing the fuel pump relay, a Diagnostic Trouble Code (DTC) may occur. Delete the code with ⌘ the Diagnostic tool after completion of "Release Residual Pressure in Fuel Line" work.

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.

Tightening torque :

30.0 - 34.3 N.m (3.0 - 3.5 kgf.m, 22.1 - 25.3 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.

1. Install in the reverse order of removal.

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