



Inspection

1. Connect the KDS on the Data Link Connector (DLC).
2. Measure the output voltage of the MAPS during idle with IG ON.

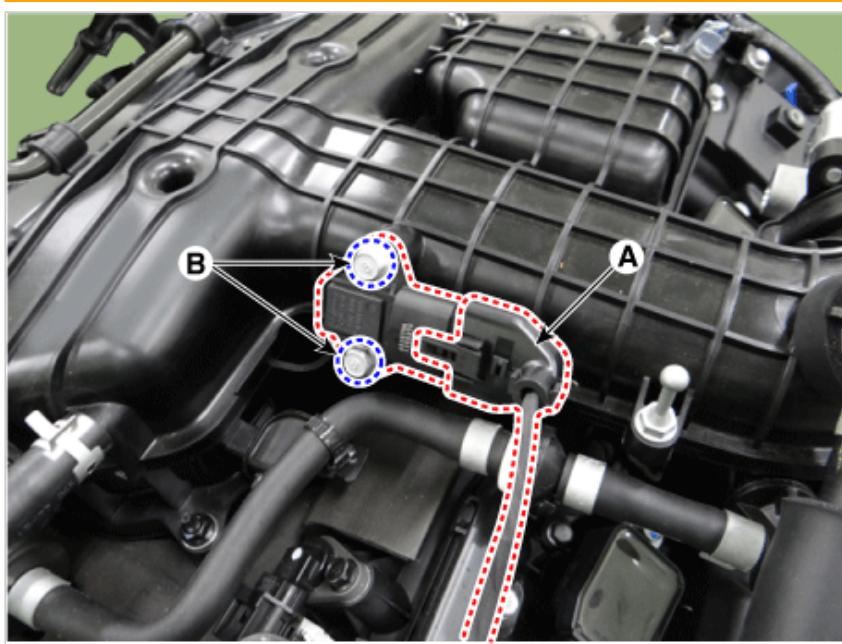
Pressure [kPa (kgf/cm ² , psi)]	Output Voltage (Vref = 5V)
20 (0.20, 2.90)	0.5
40 (0.40, 5.80)	0.79
80 (0.81, 11.60)	1.36
120 (1.22, 17.40)	1.93
160 (1.63, 23.20)	2.5
200 (2.03, 29.00)	3.07
220 (2.24, 31.90)	3.36
240 (2.44, 34.80)	3.64
280 (2.85, 40.61)	4.21
300 (3.05, 43.51)	4.5

Removal

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 manifold absolute pressure sensor connector (A).
4. Remove the installation bolts (B), and then remove the sensor from the intake manifold.

Manifold absolute pressure sensor installation bolt :

9.8 - 11.8 N·m (1.0 - 1.2 kgf·m, 7.2 - 8.7 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.
- Insert the sensor in the installation hole and be careful not to damage it.

1. Install in the reverse order of removal.