

Component Procedures: Refrigerant Pressure Sensor / Switch

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Component Procedures: Refrigerant Pressure Sensor / Switch

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Switches & Sensors > Pressur?	97721D2000	Korea Built	108.92	
Switches & Sensors > Pressur?	977213K000	Pressure Switch	261.18	
Switches & Sensors > Pressur?	977213K000	Us Built	261.18	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Switches & Sensors > Pressure Switch, R&R	B	0.5	0.0

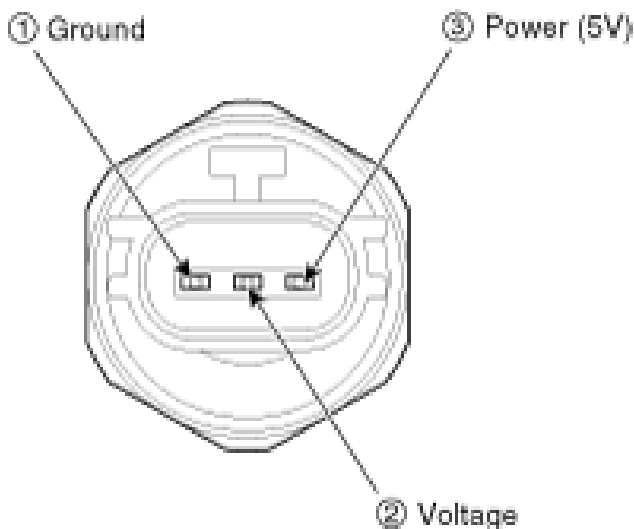
A/C Pressure Transducer - Description and Operation (Article 44823)

- Description

A/C Pressure Transducer - Repair Procedures (Article 44824)

- Inspection

- Measure the pressure of high pressure line by measuring voltage output between terminal "1" and "2".



- Inspect the voltage value whether it is sufficient to be regular value or not. Voltage = $0.00878835 * \text{Pressure} + 0.37081095$

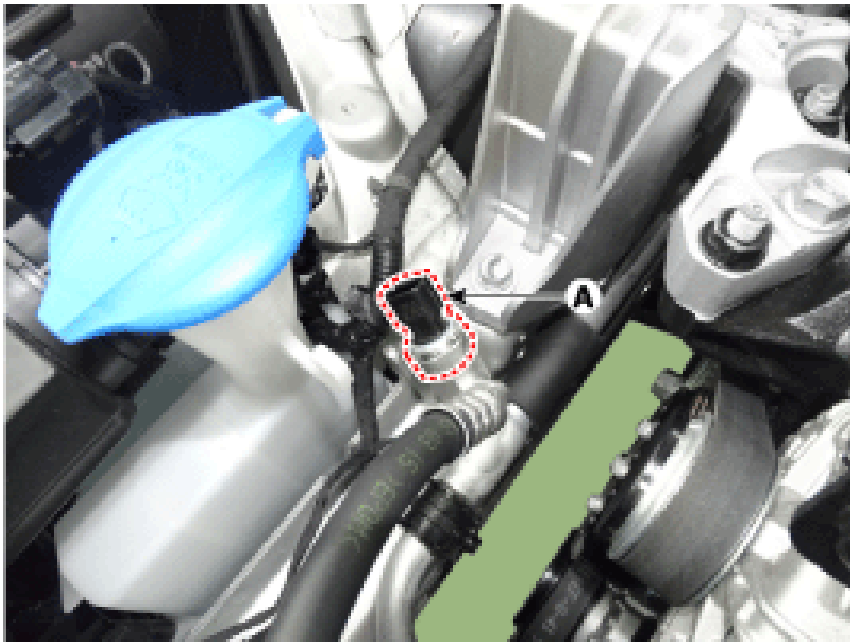
- If the measured voltage value is not within specification, replace the A/C pressure transducer .

- Diagnosis With GDS

- The heating, ventilation and air conditioning can be quickly diagnosed failed parts with vehicle diagnostic system (GDS). ■ The diagnostic system (GDS) provides the following information. (1) Self diagnosis : Checking the failure code (DTC) and display. (2) Current data : Checking the system input/output data state. (3) Actuation test : Checking the system operation condition. (4) Additional function : Other controlling such as the system option and zero point adjustment.

- Select the 'Car model' and the system to be checked in order to check the vehicle with the tester.

- Select the 'Current data' menu to search the current state of the input / output data. The input/output data for the sensors corresponding to the A/C Pressure Transducer can be checked.



Be careful not to bend the liquid & suction pipe.



- To install, reverse the removal procedure. When installing, replace it with a new O-ring.
When installing, replace it with a new O-ring.

