Component Procedures: Cabin Temperature Sensor / Switch

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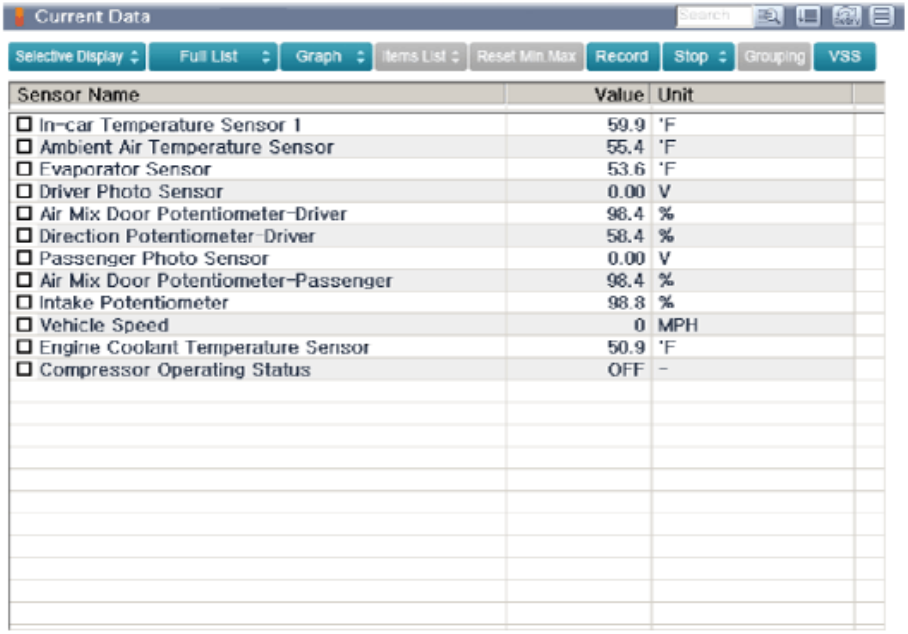
In-Car Sensor - Description and Operation (Article 44827)

- Description

In-Car Sensor - Repair Procedures (Article 44828)

- 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 he 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 In-car Sensor can be checked.



Sensor Name	Value	Unit
In-car Temperature Sensor 1	59.9	°F
Ambient Air Temperature Sensor	55.4	°F
Evaporator Sensor	53.6	°F
Driver Photo Sensor	0.00	V
Air Mix Door Potentiometer-Driver	98.4	%
Direction Potentiometer-Driver	58.4	%
Passenger Photo Sensor	0.00	V
Air Mix Door Potentiometer-Passenger	98.4	%
Intake Potentiometer	98.8	%
Vehicle Speed	0	MPH
Engine Coolant Temperature Sensor	50.9	°F
Compressor Operating Status	OFF	-