












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VIN K186765Vehicle 4/F32/Coupe/435i xDrive/N55/AUTO/US/LL/2013/07KL 15: --KL 30: --

ABL-DIT-AT6450_F20SENSOREN - Heating and air conditioning functions: Temperature sensors functional check - V.19

Procedure

Set up the air conditioning control panel as follows:

- Open air distribution of ventilation area
- Set the blower speed to medium

Make sure that the ventilation outlet is open.

Then start engine.


Vary the blow-out temperature of the ventilation area:

- Activate and deactivate the air conditioning function
- Change the nominal temperature value at the IHKA controls

Observe the ventilation temperature displayed in the diagnosis system.

Current ventilation temperature:

- left:6.0 °C
- right:5.0 °C

 Notice!

The operating range of the ventilation temperature sensor is: -5 °C to +80 °C.

If a temperature sensor fault is detected, a constant value is output permanently.








The ventilation temperature sensors are installed in the centre left and right ventilation outlets.

Continue the test module with: Continue





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VIN K186765Vehicle 4/F32/Coupe/435i xDrive/N55/AUTO/US/LL/2013/07KL 15: --KL 30: --

ABL-DIT-AT6450_F20SENSOREN - Heating and air conditioning functions: Temperature sensors functional check - V.19

Procedure

Set up the air conditioning control panel as follows:

- Open air distribution of ventilation area
- Set the blower speed to medium

Make sure that the ventilation outlet is open.

Then start engine.


Vary the blow-out temperature of the ventilation area:

- Activate and deactivate the air conditioning function
- Change the nominal temperature value at the IHKA controls

Observe the ventilation temperature displayed in the diagnosis system.

Current ventilation temperature:

- left:31.0 °C
- right:29.0 °C

 Notice!

The operating range of the ventilation temperature sensor is: -5 °C to +80 °C.

If a temperature sensor fault is detected, a constant value is output permanently.

The ventilation temperature sensors are installed in the centre left and right ventilation outlets.

Continue the test module with: Continue

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Procedure

Set up the air conditioning control panel as follows

- Open the air distribution in the footwell area
- Close the air distribution in the ventilation area and defrosting area
- Set the blower speed to medium

Then start engine.

Vary the blow-out temperature of the footwell area:

- Activate and deactivate the air conditioning function
- Change the nominal temperature value on the right and left on the IHKA controls

Observe the footwell temperature displayed in the diagnosis system.

Current footwell temperature:

left:3.0 °C

right:2.0 °C

Notice!

The operating range of the footwell temperature sensor is: -5 °C to +80 °C.

If a fault is detected in a temperature sensor, a constant substitute value of 55 °C is displayed.

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Procedure

Set up the air conditioning control panel as follows

- Open the air distribution in the footwell area
- Close the air distribution in the ventilation area and defrosting area
- Set the blower speed to medium

Then start engine.

Vary the blow-out temperature of the footwell area:

- Activate and deactivate the air conditioning function
- Change the nominal temperature value on the right and left on the IHKA controls

Observe the footwell temperature displayed in the diagnosis system.

Current footwell temperature:

left:29.0 °C

right:28.0 °C

Notice!

The operating range of the footwell temperature sensor is: -5 °C to +80 °C.

If a fault is detected in a temperature sensor, a constant substitute value of 55 °C is displayed.

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