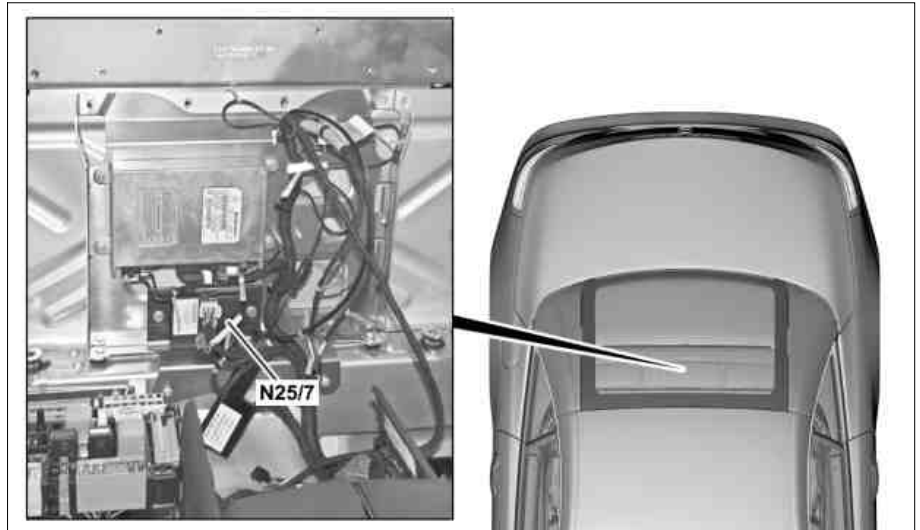


N25/7 AIRSCARF control unit

Location

The AIRSCARF control unit is located in the center of the passenger compartment at the trunk partition wall.



P91.30-2530-05

Task

The AIRSCARF control unit has the following tasks:

- Reading in of sensors and signals
- Evaluation of input factors
- Actuation of components

Reading in of sensors and signals

The input factors are read in via the following connections:

- Direct line
- Interior CAN (CAN B)

Direct line

The signals from the following components are read via direct lines:

- Left AIRSCARF fan motor (M4/10)
(function feedback)
- Right AIRSCARF fan motor (M4/11)
(function feedback)

Direct line

The following components are actuated via direct lines:

- Left AIRSCARF fan motor
- Right AIRSCARF fan motor
- Driver seat AIRSCARF heating element (R22/5)
- Front passenger seat AIRSCARF heating element (R22/6)

Interior CAN

The AIRSCARF control unit receives the following input factors via the interior CAN:

- Interior temperature
- Ambient temperature
- Status of the left AIRSCARF button (N72/1s21)
- Status of the right AIRSCARF button (N72/1s22)
- Status of the Vario roof
- Vehicle speed

Evaluation of input factors

The input factors that have been read in are evaluated by the integrated microprocessor and the relevant components are then actuated.

Actuation of components

The actuation of the components takes place via the following connections:

- Direct line
- Interior CAN

Interior CAN

The AIRSCARF control unit transmits the following starting data via the interior CAN:

- Request for left AIRSCARF button LED
- Request for right AIRSCARF button LED