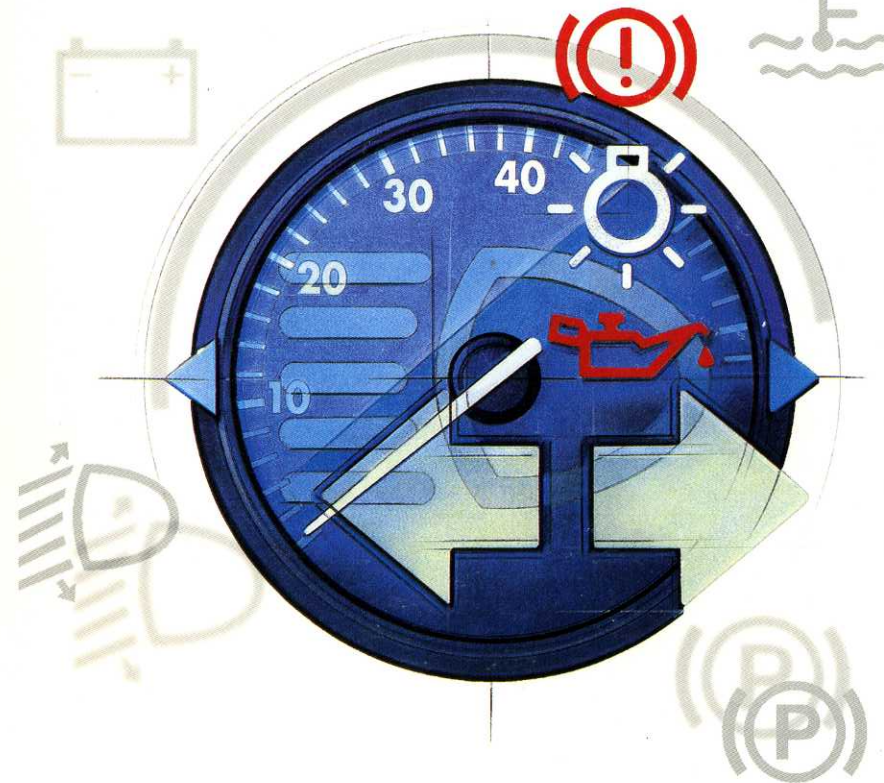




**Multivan
Caravelle
Transporter**

*Controls and
Equipment - Part 2*



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AIR CONDITIONING

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Heating and ventilation (Passenger models)

You can adjust the interior temperature of your vehicle to suit your requirements using the heating and ventilation system. To achieve this, the interior is either cooled or heated using the following procedure.

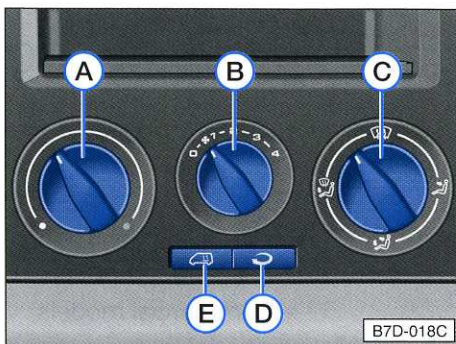
Please note that the desired interior temperature cannot be any lower than the ambient temperature.

The best possible heating performance and quick defrosting of the windscreen can only be achieved once the engine has reached its normal operating temperature.

Warning

For road safety it is important that all windows are free of ice, snow and mist. Only then can clear vision be guaranteed.

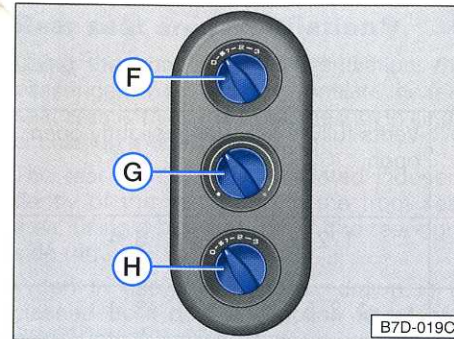
You should, therefore, familiarise yourself with the correct operation of the heating and ventilation system as well as removing dampness and frost from the windows.



Controls

In the instrument panel (Front seat area)

- A – Rotary regulator – temperature control
- B – Rotary switch – blower
- C – Rotary regulator – air distribution
- D – Button – air recirculation
- E – Switch over button*



Controls in rear seat area

- F – Rotary switch – blower for rear seat area ventilation*
- G – Rotary regulator – temperature control for rear seat area heating*
- H – Rotary switch – blower for rear seat area heating*

The controls in the rear seat area are in the pillar trim opposite the sliding door and can be operated by the passengers in the rear.

On some model versions, the controls are located in the lower area of the pillar trim or next to the sliding door.

Heating and ventilation

- To ensure that the heating and ventilation can work properly, the air inlet in front of the windscreen should be kept free of ice, snow and leaves.

Rotary regulator A – Temperature selector

(Front seat area)

Clockwise – increases heat output
Anti-clockwise – decreases heat output

The rotary switch can be adjusted to suit your requirements.

The heating effect is dependent on the coolant temperature – full heating therefore only possible with the engine at operating temperature.

Rotary switch B – Blower





(Front seat area)

Air throughput can be adjusted in four stages with the blower control. When driving slowly the blower should always be running at a low speed.

On vehicles with a dust and pollen filter* dust, pollen, soot etc. will be held back by the filter regardless of the position of blower switch **B**.

In position 0, the air supply and blower are switched off. This prevents contaminated air entering the vehicle interior. However as the windows will then mist up the air supply should only be cut off briefly.

**Rotary regulator C – Air distribution
(Front seat area)**

Regulator to symbol...	Air vent open...	Vents fully open	Vents slightly open
	...at windscreen	1, 2	3, 4
	...at windscreen and in the footwell	1, 2, 5	3, 4
	...to the upper body	3, 4	—
	...in the footwell	5	1, 2, 3, 4

The rotary switch can be adjusted to suit your requirements.

For vent layout, see next page 7.

Button D – Air recirculation

Air recirculation is selected by pressing this button. A warning lamp lights up in the button.

After switching on the blowers for the front and rear seat areas* operate in the air recirculation mode.

Air recirculation is switched off by pressing the button again. The warning lamp then goes out.

The air recirculation function prevents strong outside smells entering the vehicle, for example when driving through a tunnel or standing in a traffic jam.

Air recirculation can also be selected if the vehicle is to be heated quickly. In this mode, air is drawn in from the vehicle interior and heated.

For reasons of safety, air recirculation is **not** possible if rotary regulator **C** is turned to the following position: ..



Warning

You should not use the air recirculation mode for an extended period of time, as no fresh air is drawn in from outside and the windows could mist up.

Button E – Switch over button*

The controls in the front seat area are switched open by pressing this button. This mode is indicated by the warning lamp lighting up in the button.

The controls are switched off by pressing the button again. The warning lamp in the button will switch off. In this mode, the rear seat area heating* or the rear seat area ventilation cannot be operated.

Note

The buttons **D** and **E** can also be pressed in combination.

Rear seat area ventilation*

Using the front seat area ventilation, the passengers in the rear can ventilate the rear seat area with air from outside (not in air recirculation mode).

The rear seat area is ventilated independently of the ventilation in the front seat area, using a blower fitted in the rear right side trim.

When in use, the fresh air drawn in is cleaned by a dust and pollen filter* and guided into the rear seat area by vents in the roof.

At least one vent in the roof must be open when the blower is functioning as the blower will otherwise switch off due to overheating.

To ensure that the rear seat area ventilation can work properly, the air inlet in front of the windscreen should be kept free of ice, snow and leaves.

Switching on

Press the switch over button **E** and turn the blower switch **F** to blower levels 1 to 3.

Switching off

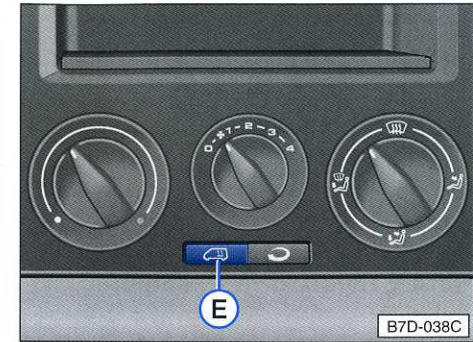
Press the switch over button **E** again or turn the blower switch **F** to blower level 0.

Rotary switch F – Blower

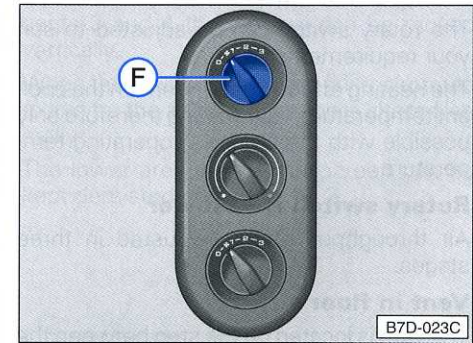
Air throughput can be adjusted in three stages.

Roof outlets

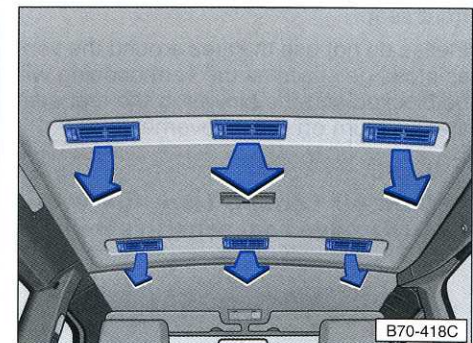
The roof outlets can be closed or opened separately. They can also be adjusted by re-positioning the outlet grille.



B7D-038C



B7D-023C



B7D-418C

Rear seat area heating*

The rear seat area is heated independently of the standard vehicle heating in the front seat area. The air in the rear seat area is heated via the air recirculation mode.

The rear seat area heating will only function when the switch over button **E** has been pressed and when the blower switch **H** is in blower level 1 to 3.

Rotary regulator G – Temperature selector

Clockwise – increases heat output

Anti-clockwise – decreases heat output

The rotary switch can be adjusted to suit your requirements.

The heating effect is dependent on the coolant temperature – full heating therefore only possible with the engine at operating temperature.

Rotary switch H – Blower

Air throughput can be adjusted in three stages.

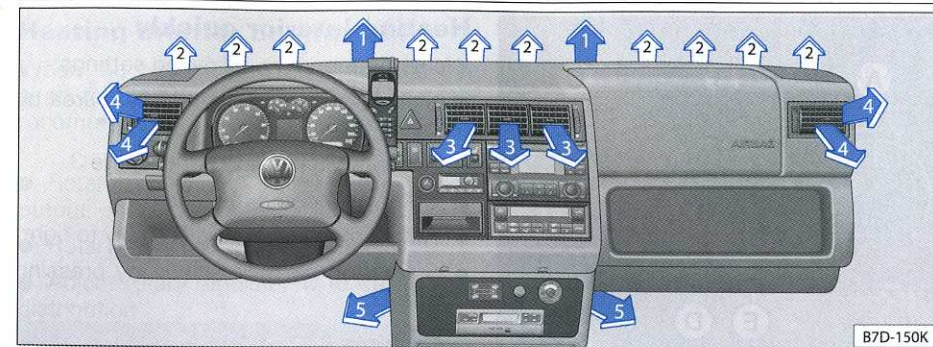
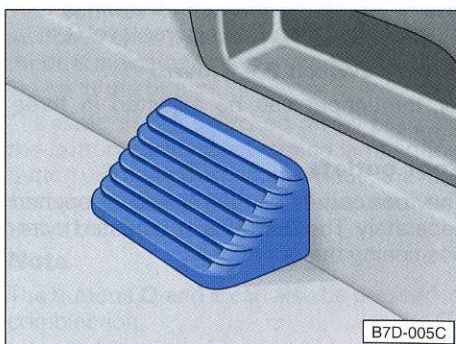
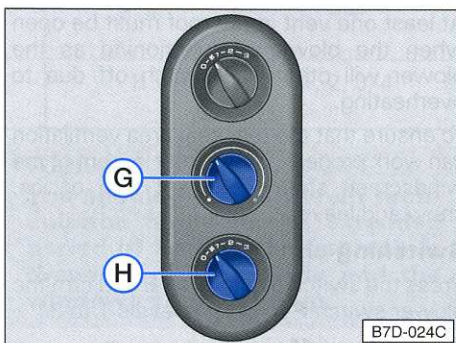
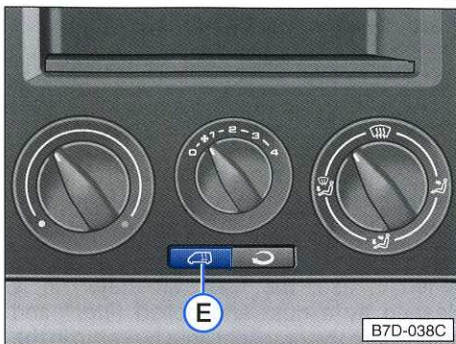
Vent in floor

The vent is located on the step between the front and rear seat areas behind the right front seat.

Please do not use the area around the vent as stowage space as the vent opening will be blocked and the blower in the rear seat area will turn off due to overheating.

Warning

Warm air coming from the vent can damage heat sensitive items.



Air vents

Depending on the position of the rotary regulator **A** heated or unheated fresh air flows from vents 1, 2, 4 and 5 in the front seat area when open.

Only unheated fresh air will flow from vents 3.

On vehicles with a 111 kW engine, heated fresh air can also flow from vents 3.

The vents are controlled by the rotary regulator **C**.

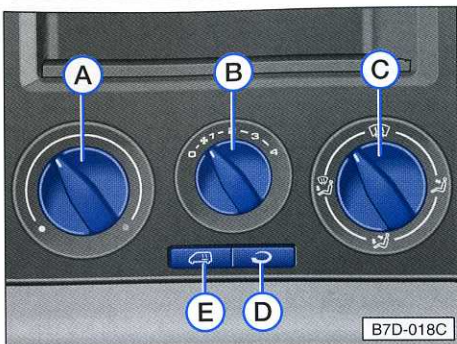
The vents 3 and 4 can be opened and closed separately:

- vent opened
side knurled wheel to ○
- vent closed
side knurled wheel to ●

By swinging the complete outlet grille of vents 3 and 4 the air flow can be moved vertically.

When the knurled disc in the grille is rotated to and fro the air flow direction is altered laterally.

The lower area of the windscreen can be kept demisted via the vents 2.



Heating interior quickly



We recommend the following settings:

- Switch on controls in rear seat area by pressing the switch over button **E***.
- Rotary switch **B** and **H*** to stage 3.
- Rotary switch **F*** to stage 0.
- Rotary regulator **A** and **G*** fully to right.
- Switch on air recirculation by pressing button **D**.

Warning

You should not use the air recirculation mode for an extended period of time, as no fresh air is drawn in from outside and the windows could mist up.

Note information on recirculating air operation on page 4.


- Rotary regulator **C** to 
- If windscreen is misted over, rotary regulator **C** to 

If the rotary regulator **C** is in this position **no** air recirculation is possible.

- Vents 3 closed.
- Vents 4 set as required.


Defrosting windscreen and side windows

We recommend the following settings:

- Rotary regulator **A** turned fully to right.
- Rotary switch **B** to stage 3.
- Rotary regulator **C** to 
- Vents 3 closed
- Adjust vents 4 so that additional warm air can be directed to the side windows.


Demisting windscreen and side windows

When the windows mist up due to high air humidity, e.g. when it is raining, we recommend the following settings:

- Rotary regulator **A** at the desired heat output.
- Rotary switch **B** to stage 2 or 3.
- Rotary regulator **C** to 
- Vents 3 closed.
- Additional warm air can be directed to the side windows via vents 4.



Heating interior comfortably

When the windows are clear and the desired temperature has been reached we recommend the following settings:


- Rotary regulator **A** at the desired heat output.
- Rotary switch **B** to desired stage.
- Adjust rotary regulator **C** to desired air distribution
- If windscreen is misted over, rotary regulator **C** to 
- Switch off air recirculation by pressing button **D**.
- Switch off controls in rear seat area by pressing the switch over button **E***.
- Vents 3 closed.
- Set vents 4 as required.

Ventilation (fresh air operation)

With the following settings, unheated fresh air flows from vents 3 and 4 and in roof:

- Switch on controls in rear seat area by pressing the switch over button **E***.
- Switch off air recirculation by pressing button **D**.
- Rotary switch **H*** to stage 0.
- Rotary regulator **A** anti-clockwise to the stop
- Rotary switch **B** and **F*** to desired stage.
- Rotary regulator **C** to 
- If windscreen is misted over, rotary regulator **C** to 
- If required, regulator **C** can be turned to another position.
- Vents 3 and 4 in roof open.

General notes

- In order to prevent the windows from misting up, you should always set rotary switch **B** to a low level when driving at low speeds and set rotary regulator **C** to the following position: 
- The stale air escapes through openings in the luggage compartment side panels. Therefore when loading the luggage compartment ensure that the openings are not covered.

