Climate Control

PRINCIPLE OF OPERATION

WARNING:
Do not disconnect any pipes in the air conditioning refrigeration system. A refrigerant is used which can cause blindness if allowed to contact the eyes. If refrigerant should contact the eyes or skin, wash the eyes or affected area with cold water for several minutes. Do not rub. As soon as possible thereafter, obtain treatment from a doctor or eye specialist.

The climate control panel is located in the centre console. There are two control facilities:

- A dedicated control panel located below the audio and CD panel for operation of the basic features.
- A touch control and display unit for additional functions and personal settings.

The climate control system features automatic temperature and air distribution control, which is programmed to maintain optimum levels of comfort within the vehicle in all but the most severe conditions.

While the controls can be adjusted manually to satisfy individual requirements, allowing the system to function automatically (in AUTO mode) is by the simplest method of operation and is preferable in most operating conditions.

In Auto mode air recirculation sensor detects pollutants and selects air recirculation when the level of pollution outside the vehicle reaches a certain level. The sensor response level can be adjusted on the touch-screen.

Once the level of pollutants decreases, air recirculation will switch off.

To set the automatic air recirculation sensitivity level of the pollution sensor:
- From the Climate Control home screen select Settings.
- Adjust the automatic air recirculation sensitivity setting as required by selecting the (+) or (-) buttons.

Use of air conditioning

Note: To prevent humidity build up inside the vehicle and possible screen misting, avoid driving with the air conditioning system off or in manual air recirculation for prolonged periods.

Air conditioning is an integral part of the climate control system, providing cooled and dehumidified air for occupant comfort. The dry airflow is also effective in preventing misting of the windows.

While the air conditioner can be manually switched off, it is recommended that it is used in all climatic conditions throughout the year, preferably in AUTO mode.
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Close all windows and the convertible top when the air conditioning is on to ensure satisfactory operation.

- If the air conditioning system is not used frequently, it should be run briefly at least once each week, with a cold setting. This will prevent the seals from drying out with subsequent refrigerant leaks.

- Surplus water produced by the dehumidifying process is expelled from the system via drain tubes beneath the vehicle. This may result in a small pool of water forming on the road when the vehicle is stationary and is not a cause for concern.
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AIR VENTS

The air vents provide fresh or heated air to the interior of the vehicle. Ensure that the air intake grille at the base of the windscreen is kept clear of any obstruction.

Air flow and direction can be adjusted with the thumbwheel controls 1 and direction vanes 2.

AUTOMATIC CLIMATE CONTROL

Automatic climate control provides efficient regulation of the vehicle environment without constant adjustments from the occupant.

Sensors inside the vehicle monitor temperature, humidity 3 and direct sunlight 4. Do not obstruct these openings. In response to sensor indications, the electronic control system automatically adjusts the heat input, blower speed, air intake and airflow distribution maintain the selected temperature(s) and reduce misting.

Automatic operation provides optimum comfort under most driving conditions. It is recommended that automatic control, AUTO, is selected as the normal operating mode.

Automatic control, AUTO can be overridden at any time.
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Centre console control panel

1. Rear windscreen heat.
2. Front windscreen heat.
3. Temperature decrease, left-hand zone.
4. Temperature increase, left-hand zone.
5. Air recirculation and fresh air.
6. **AUTO** climate control knob.
7. Blower speed rotary control.
8. Temperature decrease, right-hand zone.
9. Temperature increase, right-hand zone.
10. Windscreen defrost and demist.
11. Climate control main touch-screen.

**Panel illumination**
The illumination level is adjusted by the common instrument panel dimmer control, refer to page 118.

**To switch the climate control on**
With the ignition system ON, press the **AUTO** rotary control knob in the centre of the centre console control panel. The system will switch on in the **AUTO** operating mode. The control knob LED indicator will be illuminated.

*Note:* It is advisable to allow the system to stabilise before making large changes to the temperature setting, particularly at the start of a journey, refer to ‘Temperature selection’.

**To switch the system off**
The system can only be turned OFF from the ON/OFF button on the **Climate** home touch-screen, see page 115.
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**AUTO mode**
Automatic operation provides a controlled environment over a temperature range of 16°C to 28°C (59°F to 83°F) and should be regarded as the normal operating mode.

To select automatic climate control press the AUTO button, the LED illuminates to confirm selection.

Select the required temperature.
Front and rear screen heating and timed air recirculation may be selected in AUTO mode. Selecting any other control will cancel AUTO operation.

**Temperature selection**

Separate controls allow the driver and passenger zone temperatures to be independently adjusted. Press the red buttons to increase temperature and the blue buttons to decrease temperature.

Both driver and passenger temperatures are displayed on the touch-screen. Pressing the driver’s buttons to select the maximum or minimum temperature settings causes the display to change to HI or LO respectively and cancel AUTO mode.

To quickly jump from HI or LO to a convenient mid range temperature of 22°C (72°F), press and hold AUTO for a few seconds.

**Air recirculation**

Caution: Prolonged operation with recirculation selected and setting the automatic air recirculation sensor to a needlessly high level in cold and damp conditions, could result in interior screen misting.

Press the recirculation button to select air recirculation. Selection is indicated by the screen symbol and the button LED illuminating.

To deselect air recirculation, press the recirculation button again, or select AUTO.

*Note: When air recirculation is selected, the sound of the airflow will change, this is normal.*

**Windscreen defrost and demist**

To remove frost or heavy misting from the windscreen, press the DEF button.

- The blower switches on at a high speed but it can be adjusted manually if required.
- Air conditioning switches on automatically (to dehumidify the air) and cannot be deselected.
- Recirculation is cancelled and cannot be selected.
- The front screen heater and the rear screen heater and door mirror heaters switch on automatically, provided the engine is running.
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- The button LED illuminates.
To deselect defrost mode, press AUTO or press the DEF button again.

Heated screens

The front, F, and rear, R or REAR, screen heaters may be switched on and off in any mode, including system off. They will only operate when the engine is running.
The front screen heater switches off automatically after 6.5 minutes. The rear screen and door mirror heaters switch off automatically after 21 minutes.
The windshield heaters can be manually deselected using the push buttons.
In cold ambient conditions, at the start of a journey, the front and rear screen heaters will switch on automatically for the timed period. The rear heated screen will come on below -1°C (30°F) and the front screen will come on below 5°C (41°F).

Air conditioning

Press the AUTO rotary control knob to turn the air conditioning on.
The air conditioning system is controlled automatically in AUTO mode to maintain the desired temperature and humidity (even if higher temperature settings are selected).
The air conditioning system is also switched on automatically in defrost mode (DEF) in order to dehumidify the air.

Blower speed

Set the blower speed as required by adjusting the AUTO rotary control knob.
When operating in AUTO mode, blower speed is controlled automatically and AUTO is displayed on the touch-screen. Any adjustment of the knob will cancel AUTO mode.
Note: In AUTO mode, the blower only operates at low speed, if heating is required, until the engine is warm.

Heated seats and steering wheel

The heated seats and steering wheel can be controlled only from the climate screen options on the touch-screen. See pages 61 and 63 respectively.

Touch-screen operation

The climate control touch-screen is controlled via the Home touch-screen.
Press the Climate button on the Home touch-screen.
The climate control main view is displayed, from which the climate control settings can be set.

Climate control display icons
The climate control display buttons and icons are as follows:

**Auto**
Auto climate control ON.

**Temp. sync.**
Synchronizes the driver and passenger climate control zones.

**Blower speed control decrease and increase.**

**Settings**
Access to the Settings control touch-screen to adjust personal climate zone settings, also access to the automatic air recirculation sensor control setting.

**Econ**
Econ ON/OFF. Economy mode turns off the air conditioning compressor and reduces power consumed by the climate control system which will reduce air conditioning performance. Econ mode can be turned OFF only from the climate screen options on the touch-screen. Prolonged use may cause the windows to mist.

**Climate**
Climate ON/OFF button.

**External temperature**
The external temperature is displayed at the top of the climate touch-screen zone.