

Introduction

The climate control system fitted to this vehicle offers automatic control of temperature, fan speed and air distribution to maintain optimum comfort under most driving conditions.

Manual controls are provided to allow the driver to override the automatic operation.

Control Panel

1. a) Push to switch ON or OFF.
b) Rotate for manual fan speed selection.
2. Manual recirculation/outside air.
3. Centigrade/Fahrenheit selection buttons.
4. Display panel.
5. External temperature.
6. Air conditioning.
7. Automatic operation.
8. Manual distribution (from left to right):
 - Face only.
 - Bi-level (Face and feet).
 - Feet only.
 - Demist (Screen and feet).
9. Temperature selection:
Blue – Decrease.
Red – Increase.
10. Heated rear screen
11. Heated front screen (where fitted).
12. Defrost.

General Information

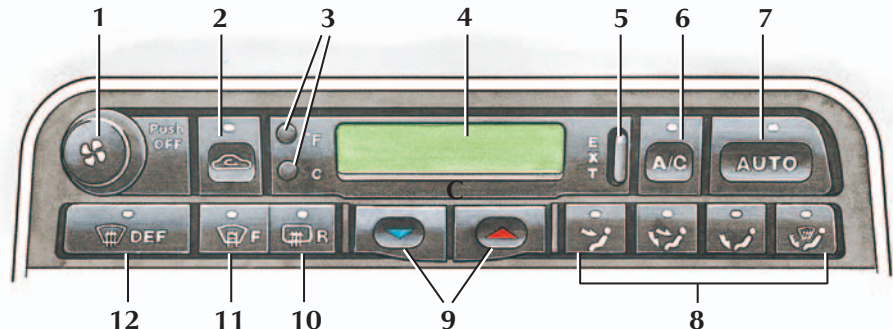
Ensure that the air inlet grille at the base of the front windscreen is clear of leaves, snow or other obstructions.

A solar sensor unit is mounted on the top of the fascia (see illustration on page 6-6, item A), this should not be covered when driving.

The intake grille of the in-car temperature sensor is located on the lower fascia, driver's side. To ensure optimum temperature control this grille should not be obstructed.

Condensate which forms at the evaporator in the air conditioning unit is discharged onto the road underneath the vehicle. After stopping, puddles of water will form underneath the vehicle.

The refrigeration system (A/C button (6)) should be run briefly at least once a week to lubricate the compressor seal and prevent refrigerant leakage.



6-2 Climate Control

System Operation and Button Functions

Switching the System On

The system can be switched on by pressing one of the following:

1. 'AUTO' button – Switches the system on in automatic mode.
2. 'DEF' button – Switches the system on in defrost mode.
3. 'A/C' button – Switches the system on in the last setting and with the refrigeration system working.
4. 'Push Off' knob – Switches the system on in the last setting.

Automatic Operation



Note: The fans will not operate until the engine is warm (except in defrost).

Press 'AUTO' for optimum automatic control under most operating conditions. The word 'AUTO' will appear in the display panel and the temperature, fan speed and distribution will be controlled automatically.



Air Conditioning



Press to switch off the refrigeration system. Press again to switch on. The refrigeration system is automatically engaged when 'AUTO' is selected.

All the year use of air conditioning is recommended for optimum comfort and to reduce interior misting.

Temperature Selection



The selected interior temperature is shown in the display panel. Press the 'red' button to increase the temperature. Press the 'blue' button to decrease the temperature.

Automatic temperature control operates between 61° F and 90° F (17° C and 31° C). In addition, 'HI' and 'LO' settings provide maximum heating or cooling at maximum fan speed. Fan speed can be manually reduced as required.

Defrost



Press 'DEF' to direct air to the front and side screens at maximum fan speed. This also switches on the heated front screen (if fitted). Fan speed can be manually reduced as required. Press 'DEF' again to return to the last setting or 'AUTO' for automatic control.



WARNING:

Directing cold air onto the screen in warm humid conditions can produce external condensation.

Manual Air Recirculation



Closes the outside air intakes and recirculates air within the vehicle. Prevents unpleasant odours being drawn into the vehicle.

Two options of control are available:

1. Press the button to provide recirculation of interior air for a period of approximately five minutes.
2. Press and hold the button until two 'beeps' are heard to provide continuous recirculation of interior air. Press the button again to switch off.



WARNING:

Avoid using Manual Air Recirculation for prolonged periods in cold weather as this may result in interior misting of screens.

Heated Front Screen (where fitted)



With the engine running, press to switch on the heated front screen for rapid defrost/demist. It is automatically engaged when 'DEF' is selected but can be independently switched on or off at any time. Automatically switches off after approximately six minutes.

Heated Rear Screen



With the engine running, press to switch on the heated rear screen and heated door mirrors for rapid defrost/demist. It can be independently switched on or off at any time. Automatically switches off after approximately 20 minutes.

Manual Fan Speed



Note: In 'AUTO' the fans will not operate until the engine is warm.

Turn the rotary knob clockwise to increase or anti-clockwise to decrease air flow. Fan speed is displayed as a series of bars, and the word 'AUTO' will disappear.

Press 'AUTO' to resume automatic control.



Centigrade/Fahrenheit Selection



Press '°F' to display temperature in Fahrenheit.

Press '°C' to display in Centigrade.

6-4 Climate Control

Manual Air Distribution

The following options are available:



Face only



Bi-level (face and feet)



Feet only



Demist screen and feet



WARNING:

Directing cold air onto the screen in warm humid conditions can produce external condensation.

Press the required button (the word 'AUTO' will disappear from the display panel). Press the button again or press 'AUTO' to resume automatic control.

External Temperature



Two options are available for displaying the external temperature:

1. Press the button to provide a display for approximately 4 seconds.
2. Press and hold the button until two 'beeps' are heard to provide a continuous display of external temperature. Press the button again to switch off.

Switching Off/Ventilation Airflow



Press the 'Off' knob to switch off the climate control system and prevent outside air from entering the vehicle.

If ventilation is required with the system off, press the desired manual air distribution button. This will provide unconditioned air only when the vehicle is moving.

Note: Heated screen and external temperature display functions can be selected when the system is off.

Operating Tips

Hot Weather Operating Tips

If the vehicle has been parked in the sun the interior will cool faster if you follow these guidelines:

- Before sitting in the vehicle, leave door(s) open for a short time to allow the hot air to escape.
- Drive for a short time with the windows open to force the hot air out of the vehicle.

Cold Weather Operating Tips



WARNING:

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

Convertible Vehicles

When driving with the convertible top down it is recommended that manual overrides are selected.

Air Distribution

The illustration on the next page shows the location of the air vents within the vehicle.

Air distribution is automatically controlled when 'AUTO' is selected. Manual control can be achieved using the air distribution buttons.

Airflow from the fascia vents can be regulated or switched off using the thumbwheel controls on those vents. The airflow through these vents may be directed by adjusting the vanes.

Item (A) shows the solar sensor.

System Fault Display

The climate control system is equipped with self diagnostics.

If a fault is detected, the symbol 'Er' will appear in the display accompanied by a series of beeps for 5 seconds. In this unlikely event the vehicle should be returned to the Jaguar Dealer at the earliest convenience.

'Er' will be displayed on each subsequent vehicle start until the fault is rectified.

6-6 Climate Control

