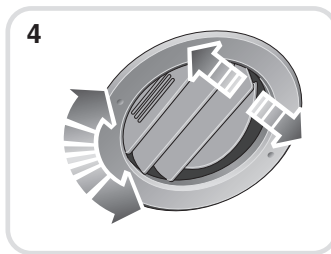
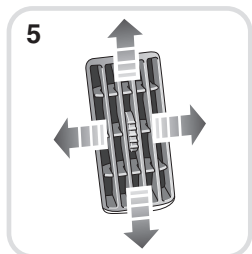
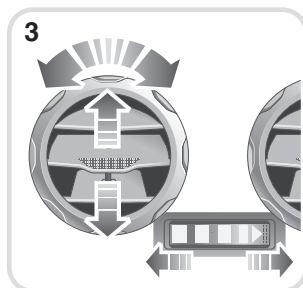
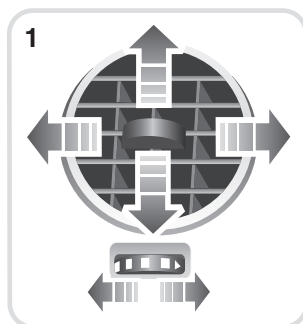
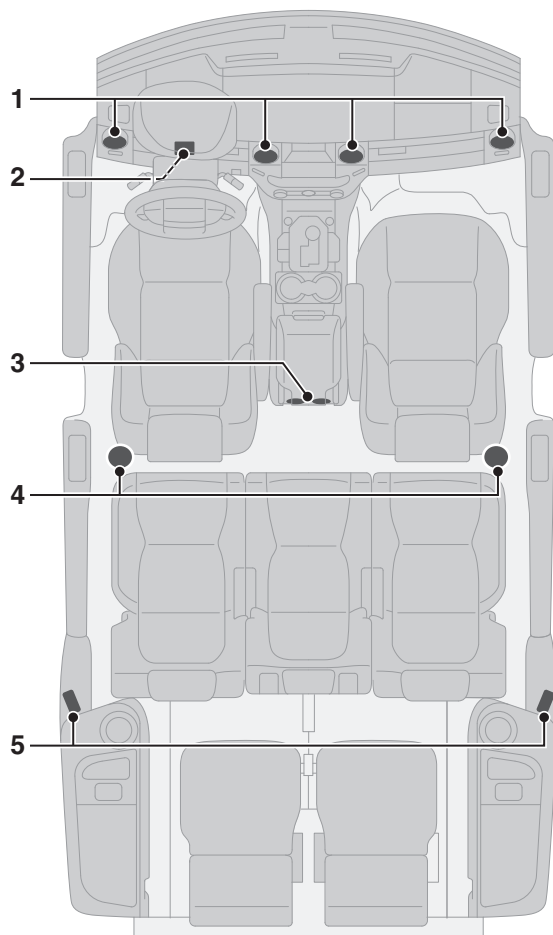


Climate control

AIR VENTS



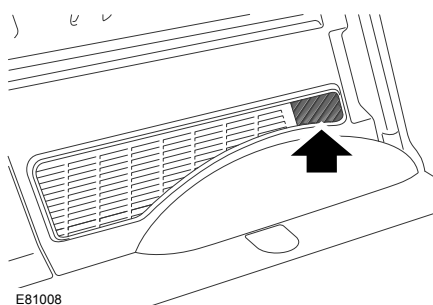
LAN2389

Climate control

- 1 Face level vents
- 2 Driver's lap vent
- 3 Centre console rear vent controls
- 4 Rear upper vent controls
- 5 Rear pillar vent controls

Note: To ensure best ventilation and minimum noise, the vents should be fully open when the air distribution control is set.

Third row seats vent



A fixed vent on the left-hand side rear quarter panel provides airflow to the third-row seat lower area.

Intake air

The ventilation system takes air from the intake grille in front of the windscreen. Always keep the air intake grille clear of obstructions such as leaves, snow or ice.

Particulate air filter

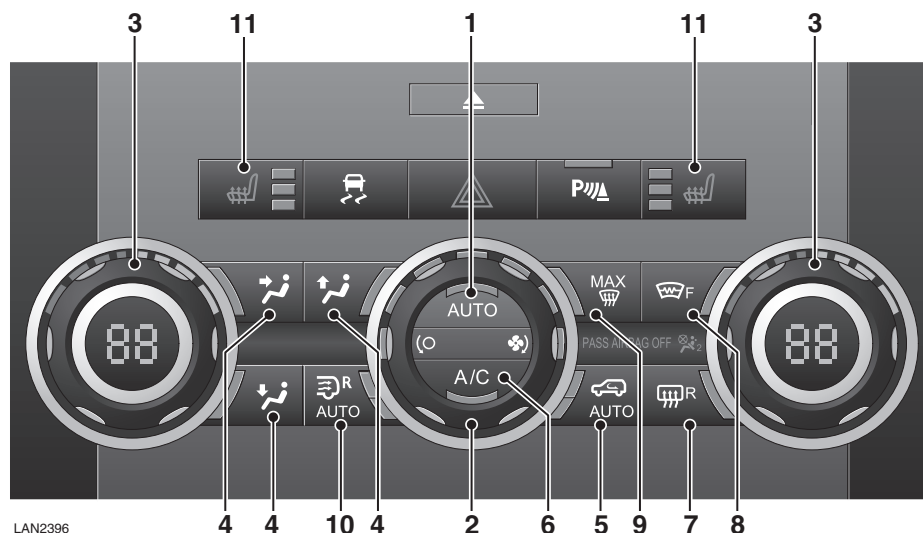
The particulate air filter prevents pollen, industrial fall-out, road dust and other particles from entering the vehicle via the vents.

Combined filter

Vehicles fitted with automatic temperature control have a combined carbon and particulate air filter, which reduces the level of odours coming into the vehicle through the heater system.

Climate control

AUTOMATIC CLIMATE CONTROL



LAN2396

1. Auto mode.
2. Blower control.
3. Temperature controls.
4. Air distribution buttons.
5. Air recirculation control.
6. Economy mode.
7. Heated rear screen.
8. Heated windscreen.
9. Defrost mode.
10. Rear environment.
11. Front seat heaters.

Note: Switches illuminate when switched on.

Note: The system may include windscreen heating.

Climate control

Auto mode

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

It is recommended that automatic control (AUTO) is selected as the normal operating mode.

- Press **AUTO** to switch on.
- Rotate the temperature controls **3** to select the required temperature.

In Auto mode, air conditioning, air distribution, blower speeds and air recirculation are adjusted automatically to maintain a comfortable environment irrespective of prevailing conditions.

The air distribution and blower controls can be operated independently to override Auto mode. If you do this, the indicator lamp on the **AUTO** switch turns off. Press **AUTO** again to return to Auto mode.

Note: If you use the air distribution and blower controls independently, the system may not be able to maintain the temperature.

Blower control

Rotate the blower control **2** to adjust airflow through the vents. Indicators around the control illuminate to show the speed level the blower is operating at.

System off

Rotate the blower control **2** counterclockwise until the blower is operating at speed level one. Rotate the blower control counterclockwise again to turn off the climate control system.

Temperature controls

For maximum air conditioning, rotate the temperature controls **3** fully counterclockwise. This mode activates the air conditioning and air recirculation. It also sets maximum blower speed and selects the face-level vents.

Note: The system will not achieve a temperature differential from left to right of more than 4°C (7°F).

Note: When in stationary traffic, select **P** or **N** in an automatic transmission vehicle to maximise air conditioning efficiency.

Air distribution control

Press to select the desired distribution setting:



Windscreen and side window vents



Face level vents



Foot level vents

Note: More than one setting can be selected to achieve the desired distribution.

Air conditioning



Press for cool and dehumidified air.

It is recommended that air conditioning is used throughout a journey, to control window misting and odours. Press again to switch off air conditioning, the indicator lamp in the switch will extinguish.

Switching off will reduce cooling performance, the amount of cooling determined by the outside air temperature. However, the reduced load on the engine may improve fuel consumption.

Climate control

Note: Using the system for prolonged periods with the air conditioning off can cause the windows to mist.

Air recirculation - manual



Press the button once to activate air recirculation. Press the button a second time to deactivate air

recirculation

Air recirculation prevents air entering from outside, and recirculates the air inside the vehicle.

This prevents the entry of traffic fumes. Air recirculation also significantly influences the dehumidifying and cooling performance of the air-conditioning system.

Note: The windows can mist up if air is recirculated for a prolonged period.

Air recirculation - with pollution sensor



Press the button once to activate air recirculation. Press the button a second time to activate automatic air recirculation. Press the button a third time to switch the system off.

In Auto mode, air recirculation is regulated automatically to enable the air-conditioning system to achieve its optimum performance.

Air recirculation prohibits the entry of air from outside the vehicle, recirculating the air inside the vehicle instead. This is useful to prevent the entry of traffic fumes.

Air recirculation also significantly influences the dehumidifying and cooling performance of the air-conditioning system.

Note: The windows can mist up if air is recirculated for a prolonged period.

Defrost mode



If the windscreen is misting or covered in ice, press button, the system will immediately direct its output to achieve maximum screen clearing by:

- Setting the blower speed to an appropriate level.
- Distributing air flow to the screen only.
- Deactivating air recirculation (in certain circumstances).
- Activating the windscreen and rear screen heaters (or their timed operating cycle will recommence if they are already switched on).

Press the button a second time (or select **AUTO** or any air distribution control) to switch off the defrost mode. Heated screens will remain on until their time-out period has expired.

Rear environment



The rear environment unit provides climate control to the rear passengers.

- Press the button once to control the rear heating and air conditioning using the front controls only. The lower amber lamp is illuminated.
- Press the button a second time to allow the rear passengers to have manual control. The upper amber light is illuminated.
- Off: press the button a third time to switch off.

Note: Do not obstruct the vent on the side of the rear quarter panel.

Climate control

General notes

- For the automatic temperature control system to function efficiently, all windows and the sunroof should be closed, and the air intake vents free from ice, snow, leaves or other debris.
- In very humid conditions, slight screen misting may be experienced when the air conditioning system is turned on. This is a natural occurrence and will clear after a few seconds.
- The air conditioning compressor will not work when the engine is off.
- Surplus water produced by the dehumidifying process is expelled beneath the vehicle. This may result in a small pool of water forming when the vehicle is stationary.

HEATED SCREENS AND MIRRORS



Heated windscreen



Heated rear screen

Press button to operate the required screen heater. The screen heater(s) will operate for a timed period before automatically switching off.

The screen heaters will be automatically switched on if defrost mode is activated or if the external air temperature is low.

Note: *The screen heaters only operate when the engine is running.*

CAUTION



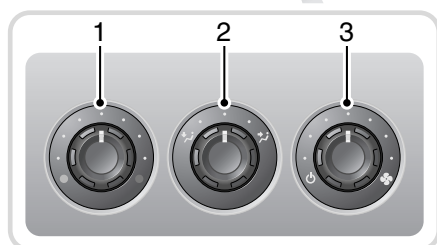
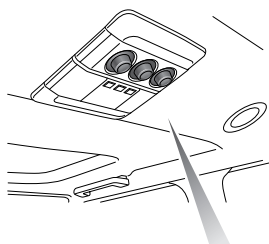
To avoid damage to the heating elements, do not attach labels to the rear screen. Also, do not scrape or use abrasive materials to clean the inside of the rear screen.

Exterior mirrors

The exterior mirrors automatically disperse ice or mist. The mirror heaters are controlled according to the external temperature and wiper status.

Climate control

REAR PASSENGER CLIMATE CONTROLS



E81009

- 1 Temperature control: rotate clockwise (red dot) to increase the temperature of the incoming air.
- 2 Distribution control: rotate fully counterclockwise to direct air to the third row seats vent. rotate fully clockwise to direct air to the rear seat upper vents and the rear pillar vents.
- 3 Blower control: rotate clockwise to increase airflow.

Note: The panel is only active when the rear environment button on the front control panel is set to manual mode.

AUXILIARY HEATER

WARNINGS



Petroleum gases are highly inflammable and, in confined spaces are also extremely explosive



Operating the auxiliary heater when the vehicle in an enclosed space can cause a build-up of highly toxic fumes which may cause unconsciousness or death.

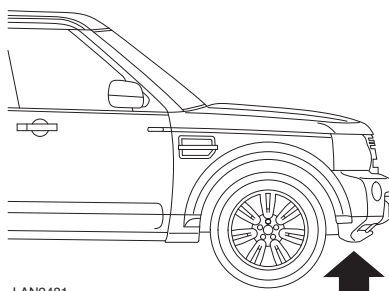


If the fuel-burning heater has been used recently, do not touch the unit's exhaust when working in the engine compartment.



When refuelling the vehicle, switch off the ignition to ensure that the fuel-burning heater is switched off.

Your vehicle may be fitted with an auxiliary heater which is powered by fuel drawn from the vehicle's fuel tank. The heater operates at low temperatures and is fully automatic.



LAN2481

When the heater is operating, exhaust fumes from the heater may be seen coming from underside the vehicle. This is normal and is not a cause for concern.

Climate control

TIMED CLIMATE CONTROL

The timed climate system utilises the auxiliary heater to pre-heat the engine to aid starting and also to heat the cabin interior when the engine is off.

The timed climate system provides a way of obtaining a more comfortable temperature in the passenger compartment at a pre-set time. If the external temperature is between +15°C (59°F) and -20°C (-4°F), then the passenger compartment is heated using the engine's auxiliary heater. If the external temperature is below -20°C (-4°F), the heat is automatically directed to the engine to assist engine starting. Once the engine has been heated sufficiently heat will be directed to enable cabin heating providing battery state of charge is sufficient.

If the temperature is greater than 15°C (59°F), then the cabin is ventilated by drawing in air from outside the vehicle to purge warm air and improve cabin comfort. The timed climate system operates without the engine running.

The timed climate system can be operated by either the touch screen or the remote handset.

Note: *The timed climate system will not operate if the low fuel warning indicator is illuminated or the vehicle battery has a low charge.*

Using the touch screen

The touch screen can be used to either program preset activation times or to operate the climate system manually.

Note: *When activated, the heating program will operate for 30 minutes before being automatically switched off to prevent the vehicle battery from discharging.*

The system can be programmed to activate once or twice in any 24 hour period. If the vehicle is driven every day, this cycle will be repeated daily until cancelled. If the vehicle is not driven for more than 24 hours then the operation of timed climate will be suspended.

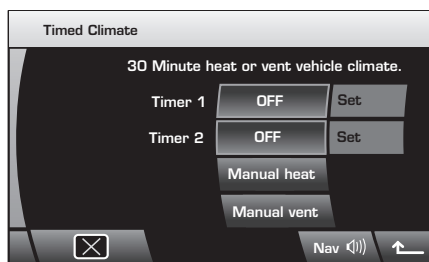
Note: *Operation of timed climate will resume next time the ignition is switched on.*

When the timed climate system is operating, the LED in the AUTO button will flash.

Note: *Timed climate is automatically switched off/inhibited when the engine is started.*

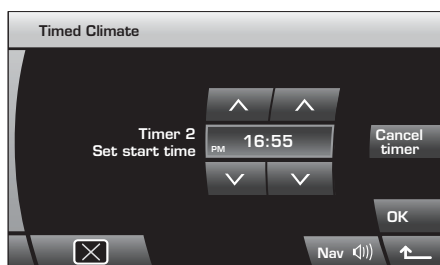
Setting a time for timed climate operation

To preset a time for timed climate operation, touch the **Timed Climate** icon on the touch screen Home Menu. Alternatively this menu can be accessed from the Vehicle Settings menu.



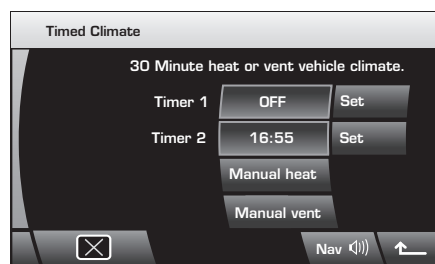
Touch the **Set** icon next to the timer you want to program for climate control operation.

Climate control



LAN2744

Touch the up or down arrows to select the time you want the timed climate operation to start and then touch **OK**.



LAN2742

The screen will now show the time the timer is set to activate the timed climate system. If required, set the time for the other timer using the same process.

Note: The format of the time shown on the Timed Climate screen is determined by the time settings currently selected in the System Settings menu. See **SYSTEM SETTINGS** (page 283).

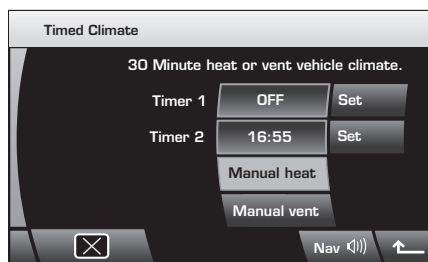
Cancelling a time for timed climate operation

To cancel a time for timed climate operation, touch the **Set** icon next to the timer you want to cancel and then touch the **Cancel timer** icon.

The Timed Climate screen will update to show OFF next to the respective timer.

Manually activating timed climate operation

Timed climate can be manually selected at any time via touch screen.



LAN2741

Touch the required icon for **Manual heat** or **Manual vent**. The system will operate for 30 minutes before being automatically switched off. To cancel the timed operation touch the icon again.

Climate control

Using the remote handset

The remote handset has an operating range of approximately 100 m (328 ft). For optimum performance it should be held vertically when being operated. There is no need to point the antenna at the vehicle, but you should avoid touching the antenna when operating the **ON** or **OFF** button.

Note: The distance at which the handset can operate the heater can be considerably more than 100 m (328 ft), provided that there are no obstacles (e.g. buildings) between the antenna and the vehicle.



LAN1390

1. **ON** button
2. **OFF** button
3. Operation indicator LED
4. Antenna

Press and hold the **ON** button for two seconds to turn on the automatic heating program. The LED will illuminate green for two seconds to confirm that an automatic heating program has started. The LED will then flash once every 2 seconds to indicate that the heater is active.

If the system fails to operate, the indicator LED will flash rapidly for two seconds.

To turn off the automatic heating program, press the **OFF** button (2). The LED will illuminate red for two seconds to indicate that the heater has been turned off.

Note: The heating program will only operate for 30 minutes before being automatically switched off to prevent the vehicle battery from discharging.

Replacing the handset batteries

CAUTION

⚠ If the handset is left unused for any long period (e.g. during summer months), the battery should be removed and stored separately.

When the battery needs renewing the LED will illuminate orange for two seconds when a button is operated.



LAN1391

Using a coin or similar implement to rotate the battery cover 90 degrees and remove cover. Remove the old battery and, ensuring that the correct polarity is maintained, insert a replacement 3.3 volt, CR1/3N battery. Replace the cover and rotate it to lock it closed.

Additional handsets

If required, up to three handsets can be programmed to operate the heater. Contact your Land Rover Dealer/Authorised Repairer to purchase additional handsets.

Climate control

ELECTRIC SUNROOF

WARNINGS



Extreme care must be taken to ensure that none of the occupants have any part of their body in a position where it could be trapped by the closing sunroof. Although an anti-trap mechanism is fitted, serious injuries can occur.

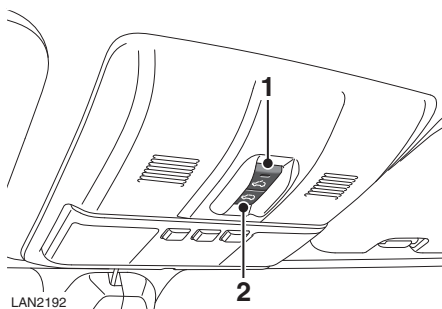


For their safety, when leaving children unattended in the vehicle always remove the Smart Key.

CAUTION



Wherever possible, remove any snow, ice, dirt and leaves etc. from the sunroof before closing. Failure to do so may damage the sunroof mechanism.



The sunroof can be operated whenever the ignition is switched on and for 30 seconds after the ignition is switched off, provided that a front door is not opened.

- To open the sunroof to the tilted position, briefly press switch **1**. The roof will move to its tilted position.
- To fully open the sunroof from the tilted position, briefly press switch **1** again.

- To close the sunroof to the tilted position, briefly press switch **2**.
- To close the sunroof fully, press and hold the switch **2**. Releasing the switch before the roof is fully closed will stop movement.

Note: While the sunroof is moving, a further press of the switch will stop the movement.

Note: If the ignition is not switched on, the switch has to be pressed and held to operate the sunroof.

Anti-trap mechanism

WARNING



The anti-trap mechanism does not operate when closing the roof from the tilted position. The sunroof can cause serious injury should a body part become trapped. Always ensure that the sunroof is free from obstructions before closing.

If the sunroof encounters resistance while closing, the operation is interrupted and the roof opens slightly, to prevent the sunroof trapping vulnerable parts of the body or other obstructions.

It is possible to override the anti-trap mechanism when movement is restricted by ice or dirt, by pressing and holding the front of the switch whilst the roof is closing.

Climate control

Sunroof calibration

If the battery is disconnected when the sunroof is open, the sunroof may need to be re-calibrated, as follows:

1. With the battery connected, switch the ignition on.
2. Press and hold the front of the switch for 20 seconds. The sunroof will start to move. Continue to hold the switch until the sunroof completes one full open and closing cycle. When the sunroof stops moving, release the switch.

The sunroof can then be operated as normal.

Note: Calibration will not function if the battery voltage is too low.