

SECTION 2 - 1

AIR CONDITIONING AND AUDIO

Air conditioning

Automatic air conditioning controls 124

AIR CONDITIONING

AUTOMATIC AIR CONDITIONING CONTROLS



► You can adjust the brightness of the display. See "Instrument panel light control" on page 46 for details.

The automatic air conditioning automatically maintains the set temperature.

In the automatic operation mode, the air conditioning selects the most suitable fan speed, air flow, air intake and on-off of the air conditioning according to the temperature.

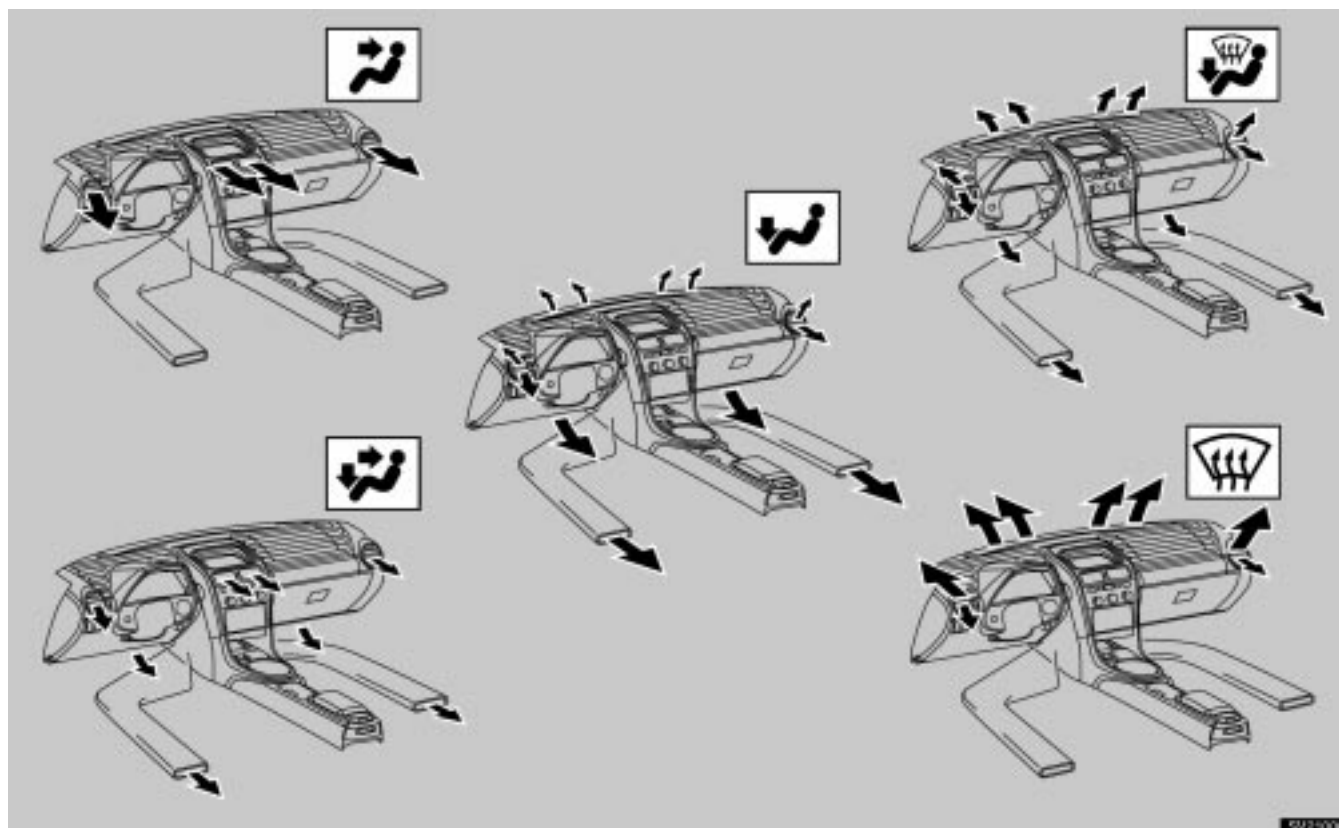
The ignition key must be in the "ON" position.

NOTICE

To prevent the battery from being discharged, do not leave the air conditioning on longer than necessary when the engine is not running.

- 1** *Automatic air flow control position*
- 2** *Air flow control dial*
- 3** *Air intake control button*
- 4** *Temperature control dial*
- 5** *Automatic fan speed control position*
- 6** *Air conditioning on–off button*
- 7** *Fan speed control dial*

AIR CONDITIONING



► Air flow selection

(a) Climate control

SETTING OPERATION – automatic control



1. Set the air flow control dial and the fan speed control dial to "AUTO" positions.

An indicator light will illuminate to show that the automatic operation mode has been selected.

Air flow quantity and switching of the diffusers are automatically adjusted.

When one of the manual control dials is turned while operating in automatic mode, the operation corresponding to the dial turned is set. Other conditions continue to be adjusted automatically.

When the fan speed control dial is turned to "OFF", the fan is turned off.

If the "A/C" button indicator flashes, there is a problem in the air conditioning system and the air conditioning automatically shuts off. If this happens, take your vehicle to your Lexus dealer for service.



2. Turn the temperature control dial to set the desired temperature.

The temperature control dial is used to set the desired passenger compartment temperature. The temperature of air delivered to the passenger compartment will be controlled automatically according to the setting. The figures on the panel indicate degrees Fahrenheit.

When you adjust the temperature control dial to maximum cooling, the air intake mode will be automatically changed to RECIRCULATED AIR.

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SETTING OPERATION – manual control

If manual air flow selection is desired –



The outlets from which air is delivered can be selected manually by pushing the button. The function of each mode is as follows:

- 1 Panel** – Air flows mainly from the instrument panel vents.
- 2 Bi-level** – Air flows from both the floor vents and the instrument panel vents.
- 3 Floor** – Air flows mainly from the floor vents.
- 4 Floor/Windshield** – Air flows mainly from the floor vents and windshield vents.

Set the air flow control dial to the floor/windshield position turns on the defogging function with the purpose of clearing the front view.

Use with the air intake control positioned in fresh.

Press the "A/C" button for dehumidified heating or cooling. This setting clears the front view more quickly.

- 5 Windshield** – Air flows mainly from the windshield vents.

Set the air flow control dial to the windshield position turns on the defogging function with the purpose of clearing the front view.

This position allows the air intake to select FRESH automatically. This is to clean up the front view more quickly.

If you want to return the setting to RECIRCULATE mode, press the air intake selector button one again.

Press "A/C" button for dehumidified heating or cooling. This setting clears the front view more quickly.

If quick heating or cooling is desired –

Turn the temperature control dial fully to the right (max. hot) or fully to the left (max. cold).

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If manual fan speed control is desired –



► **1 Fan speed at low** **2 Fan speed at high**

The fan speed can be set to your desired speed by turning the fan speed control dial. The higher the fan speed is, the more air is delivered. Turning the dial to "OFF" turns off the fan.

To remove exterior windshield frost, use the high speed setting.

If manual switching of air intake is desired –



The air intake control button is used to switch the air intake between the OUTSIDE AIR mode and RECIRCULATED AIR mode.

With the button in the OUTSIDE AIR mode, the OUTSIDE AIR mode indicator light will come on and the system will take fresh outside air into the vehicle.

If quick circulation of cooled air is desired, push the air intake control button for RECIRCULATED AIR. The RECIRCULATED AIR mode indicator light will come on.

For normal use, it is best to keep the air intake control button set to OUTSIDE AIR mode. If recirculated air is used during heating, the windows will fog up more easily.

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If manual on–off of the air conditioning is desired –

Push the "A/C" button to turn the air conditioning on and push it again to turn the air conditioning off.

The air conditioning does not work if the outside temperature is lowered down to around 0°C (32°F).

If the system is used for ventilation, heating in dry weather or removing frost or exterior fog on the windshield, turn the air conditioning off once it is no longer required. This will improve fuel economy. The air conditioning can be used for year–round automatic temperature control including cooling and dehumidifying operation.

If the air conditioning compressor does not operate, the indicator of the "A/C" button will blink. If the indicator of the "A/C" button blinks even when the "A/C" button is pushed again, have the compressor checked by your nearest Lexus dealer.

(b) Windshield defogging and defrosting



To remove interior fog on the windshield –

1. Turn the air flow control dial to "WINDSHIELD".
2. Set the "OUTSIDE AIR" mode.

To remove frost or exterior fog on the windshield –

1. Turn the temperature control dial to the maximum temperature.
2. Turn the air flow control dial to "WINDSHIELD".
3. Turn the fan speed control dial to "HI".
4. Leave the air conditioning on–off button off.

CAUTION

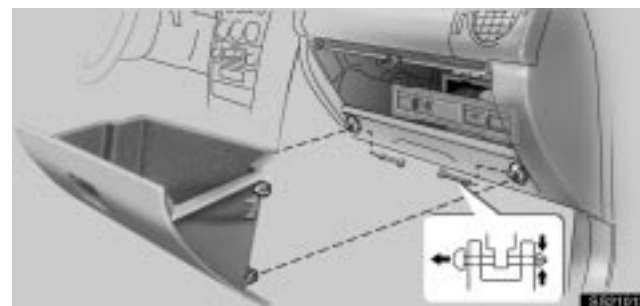
Do not use the "FRONT WINDSHIELD" button during cooled air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up blocking your vision.

(c) Air filter

The air filter may clog after long use which will reduce the air flow. However, you can inspect the filter easily.

The air conditioning filter may clog after long use. The filter may need to be replaced if the air flow of the air conditioner and heater experiences extreme reductions in operating efficiency, or if the windows become to fog up easily.

When you inspect and replace the air filter, be sure to turn off the fan.

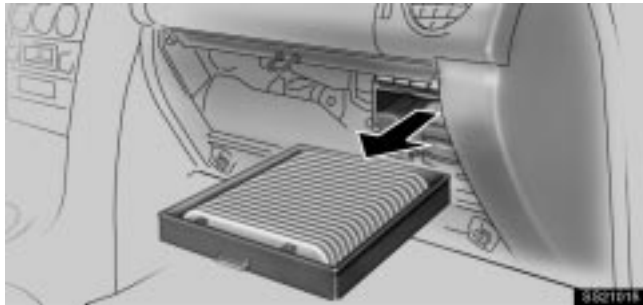


1. Remove the glove box.

Remove belongings stored in the glove box, and remove the two pins installed on the lower part of the glove box, and remove the glove box.

2. Remove the cover.

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3. Take out the air filter.

If it is dirty, it should be replaced. To maintain the air conditioning efficiency, replace the air filter according to the maintenance schedule. (For scheduled maintenance information, please refer to the "Owner's Manual Supplement / Maintenance Schedule".)

INFORMATION

The air filter should be installed properly in position. The use of air conditioning with the air filter removed may cause deteriorated dustproof performance and then affect air conditioning performance.

(d) Operating tips

- To help cool down the interior after parking in the hot sun, drive for the first few minutes with the windows open. After the excess heat has blown away, close the windows.
- Make sure the air inlet grilles in front of the windshield are not blocked by leaves or other obstructions.
- If air flow control is not satisfactory, check the dashboard vents. (See "Center vents" and "Side vents".)
- On humid days, do not blow cold air on the windshield. The windshield could fog up because of the difference in air temperature on the inside and outside of the windshield.
- Keep the area under the front seats clear to allow air to circulate throughout the vehicle.
- On cold days, set the fan speed selector to adjust the fan speed high for a minute to help clear the intake ducts of snow or moisture. This can reduce the amount of fogging on the windows.
- When driving on dusty roads, close all windows. If dust thrown up by the vehicle is still drawn into the vehicle after closing the windows, it is recommended that the air intake control button be left to the OUTSIDE AIR mode and the fan speed control dial be turned to anywhere except the "OFF" button.
- If following another vehicle on a dusty road, or driving in windy and dusty conditions, it is recommended that the air intake control button be temporarily pressed in to the RECIRCULATED AIR mode, which will close off the outside passage and prevent outside air and dust from entering the vehicle interior.

AIR CONDITIONING

Heating

For best results, set controls to:

For automatic operation –

Set the air flow control dial and the fan speed control dial to "AUTO" position.
Temperature – To the desired temperature
Air intake – OUTSIDE AIR

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM** (to the right)
Air intake – OUTSIDE AIR
Air flow – FLOOR

- For quick heating, select RECIRCULATED AIR for a few minutes. To keep the windows from fogging, select OUTSIDE AIR after the vehicle interior has been warmed.
- Push the "A/C" button on for dehumidified heating.
- Choose floor/windshield air flow to heat the vehicle interior while defrosting or defogging the windshield.

Air conditioning

For best results, set controls to:

For automatic operation –

Set the air flow control dial and the fan speed control dial to "AUTO" position.
Temperature – To the desired temperature
Air intake – OUTSIDE AIR

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **COLD** (to the left)
Air intake – OUTSIDE AIR
Air flow – PANEL

- For quick cooling, select RECIRCULATED AIR for a few minutes.

Ventilation

For best results, set controls to:

For automatic operation –

Set the air flow control dial and the fan speed control dial to "AUTO" position.
Temperature – Towards low temperature
Air intake – OUTSIDE AIR

AIR CONDITIONING

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **COLD** (to the left)
Air intake – **OUTSIDE AIR**
Air flow – **PANEL**

Defogging and defrosting

– The inside of the windshield

For best results, set controls to:

For automatic operation –

Temperature – Towards high temperature to heat;
low temperature to cool
Air intake – **OUTSIDE AIR**
AIR FLOW – **WINDSHIELD**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM** (to the right) to heat;
COLD (to the left) to cool
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

Set the air flow control dial to the windshield or floor/windshield position turns on the defogging function with the purpose of clearing the front view.

When turning the air flow selector to windshield position, the air intake selects FRESH automatically. This is to clean up the front view more quickly.

If you want to return the setting to RECIRCULATE mode, press the air intake selector button once again.

Press the "A/C" button for dehumidified heating or cooling. This setting clears the front view more quickly.

- On humid days, do not blow cold air on the windshield – the difference between the outside and inside temperatures could make the fogging worse.

– The outside of the windshield

For best results, set controls to:

For automatic operation –

Temperature – Towards high temperature
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

For manual operation –

Fan speed – To the desired fan speed
Temperature – Towards **WARM** (to the right)
Air intake – **OUTSIDE AIR**
Air flow – **WINDSHIELD**

Set the air flow control dial to the windshield or floor/windshield position turns on the defrosting function with the purpose of clearing the front view.

When turning the air flow selector to windshield position, the air intake selects FRESH automatically. This is to clean up the front view more quickly.

If you want to return the setting to RECIRCULATE mode, press the air intake selector button once again.

Press the "A/C" button for dehumidified heating or cooling. This setting clears the front view more quickly.

- To heat the vehicle interior while defrosting the windshield, choose floor/windshield air flow.

Center vents



The center vents may be opened or closed as shown.

Side vents



The side vents may be opened or closed as shown.

