

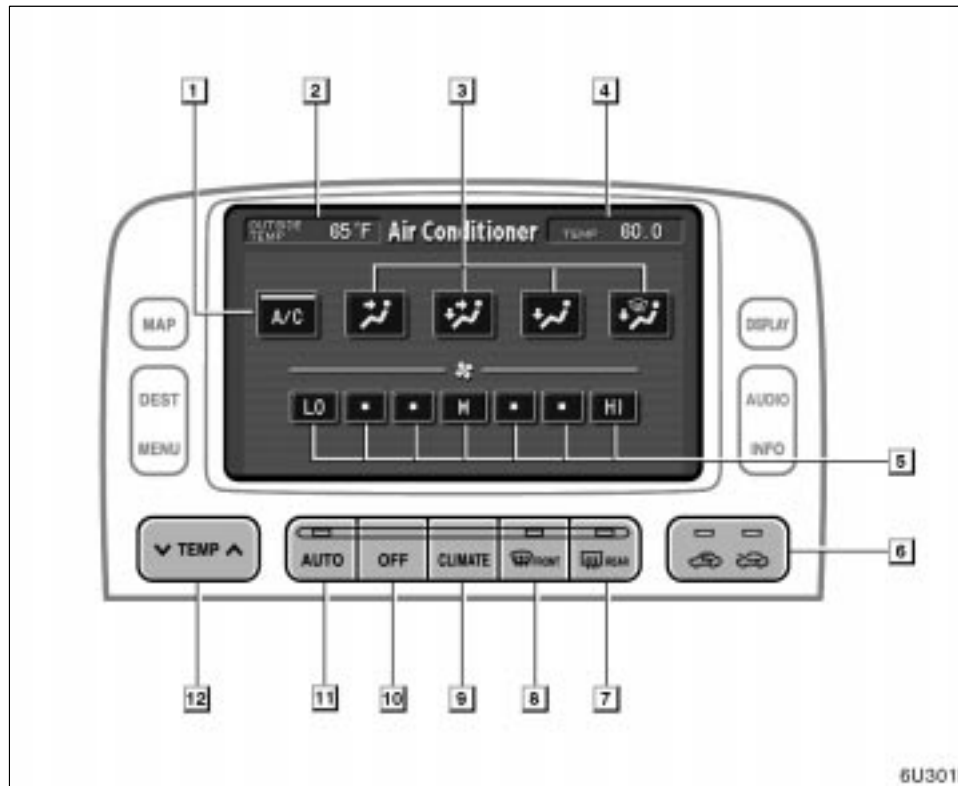
SECTION VI

AIR CONDITIONING

Air conditioning

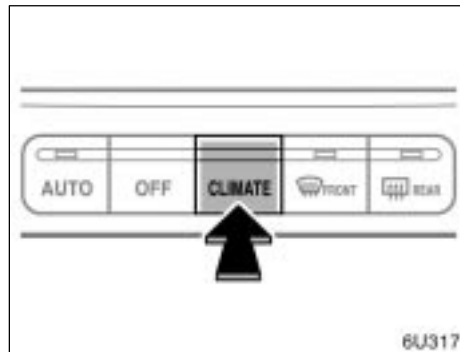
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Automatic air conditioning controls



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— “CLIMATE” control

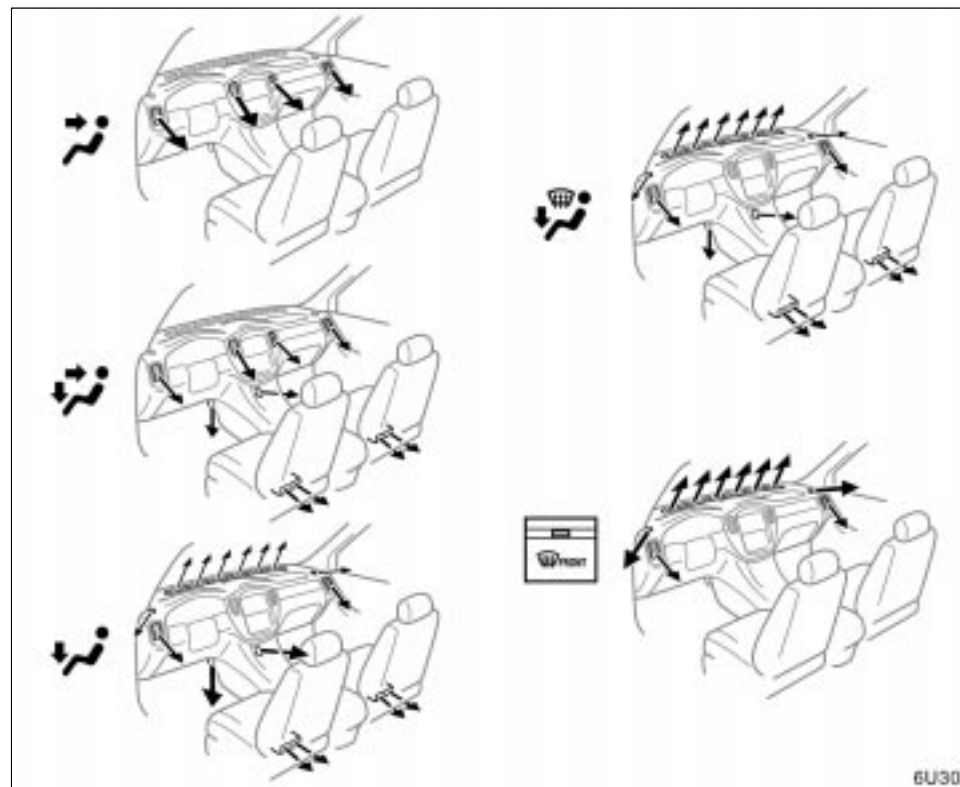


Push this button to display switches for automatic air conditioning controls.

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.



Air flow selection

AIR CONDITIONING

— Manual control

SETTING OPERATION

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



(a) Air flow selection

The outlets from which air is delivered can be selected manually by touching the switch.

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, instrument panel vents.
When you set the temperature selector setting at about the middle in automatic operation, warm air flows out of the floor vents and relatively low - temperature air flows out of the instrument panel vents.
- 3 **Floor** — Air flows mainly from the floor vents.
- 4 **Floor/windshield** — Air flows mainly from the floor vents, windshield vents.
Take in the fresh air with selecting the FRESH mode by the air intake control button.

The selected mode is highlighted in green.



(b) Fan speed control

- 1 Fan speed at low
- 2 Fan speed at high

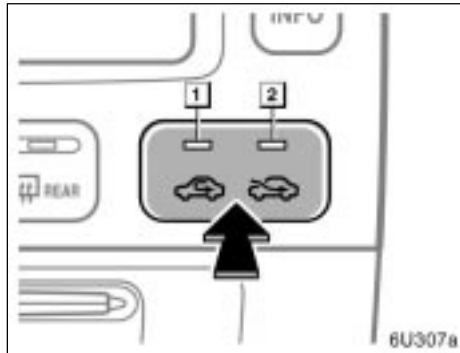
The fan speed can be set to your desired speed by touching the appropriate air flow control switch.

The higher the fan speed is, the more air is delivered.

Pushing the “OFF” button turns off the fan.

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

The selected mode is highlighted in green.



(c) Air intake selector

- 1 RECIRCULATED** — Recirculates the air inside the vehicle.
- 2 FRESH** — Draws outside air into the system.

Each time you push the air intake control button.

The mode changes in order from the RECIRCULATED mode to FRESH mode, then back to the RECIRCULATED mode.

Each indicator light shows which mode is now selected.

If quick circulation of cooled air is desired, push the air intake selector button for RECIRCULATED mode.

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

To prevent fogging up of the windshield, the air intake mode may change automatically to the FRESH mode depending on the condition of the air conditioning system.

For example, when the ambient temperature is low, the air intake mode may change automatically to the FRESH mode. This is not a malfunction.

When the air conditioning is ON, if the engine coolant temperature becomes extremely high, the RECIRCULATED mode is automatically selected. This is not a malfunction. When the engine coolant temperature is lowered, the previous mode resumes.

(d) On-off of the air conditioning

Touch the “A/C” switch.

To turn the air conditioning on and touch 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 display light of the “A/C” switch will blink. If the display light of the “A/C” switch blinks even when the “A/C” switch is touched again, have the compressor checked by your nearest dealer.

If the engine coolant temperature becomes extremely high, the air conditioning may shut off automatically to resolve emergency situation for engine cooling. This is not a malfunction. When the engine coolant temperature is lowered, the air conditioning comes on automatically.

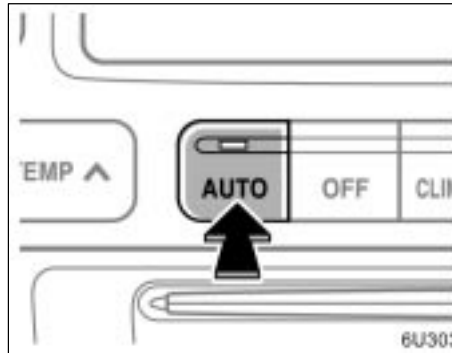
AIR CONDITIONING

— Automatic control

SETTING OPERATION

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 the air conditioning according to the temperature.



(a) "AUTO" button

Push the "AUTO" button.

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

You may use manual controls if you want to select your own settings.

INFORMATION

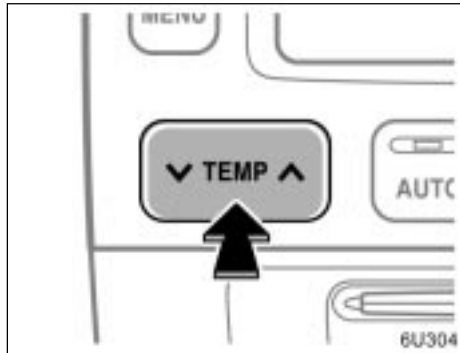
- This automatic control has additional function as described below, when the "AUTO" button is pushed.

The fan speed is stopped for a little while until warm air preparation, when outside temperature is cold like a winter season in the "Floor" or "Bi-level" air flow mode. If quick removal for exterior frost, fog and inside fog on the windshield is desired, use the high fan speed setting after the "Windshield" air flow mode has been selected.

The fan speed is stopped few seconds until cool air preparation, when outside temperature is hot like a summer season in the "Panel" or "Bi-level" air flow mode.

- The internal circulation may be applied for maximum cooling in the automatic operation mode, when outside temperature is hot like a summer season.

If fresh outside air is desired into the vehicle, push the air intake control button to select the FRESH mode.



(b) Climate control

To increase the interior temperature, press the “^” side, to decrease it, press the “v” side.

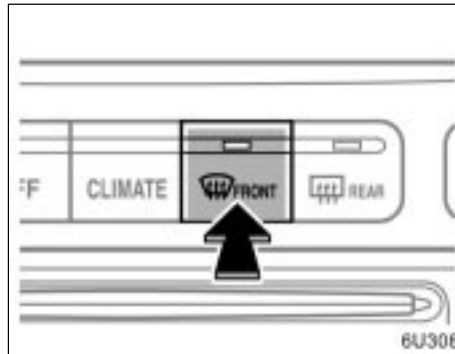
Use the “TEMP” button to set the desired vehicle interior temperature.

The “TEMP” selector button is used to set the desired interior temperature.

If quick heating or cooling is desired —

Push the “TEMP” button on either side and hold it until the maximum figure or minimum figure appears.

— Windshield defogging and defrosting



When this button is pressed, air flows mainly from the windshield vents and the FRESH mode is automatically set. This setting clears the front view more quickly.

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

To remove interior fog on the windshield —

Push the windshield air flow button.

To remove frost or exterior fog on the windshield —

1. Push the “TEMP” button to set the maximum temperature.
2. Push the windshield air flow button.
3. Touch the fan speed control switch on the right side to obtain a maximum air flow.
4. Leave the “A/C” switch off.

When the windshield air flow button is pushed, air flows mainly from the windshield vents and turns on the defogging function with the purpose of clearing the front view.

Pushing this button once again returns the air flow mode to the last one used.

Touch the “A/C” switch for dehumidified heating or cooling. This setting clears the front view more quickly.

! CAUTION

Do not use the windshield air flow 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.

— Outside temperature display



Outside temperature is displayed on the screen.

The displayed temperature ranges from -30 °C (-22°F) up to 50°C (122°F). If the temperature does not appear on the display or it shows “- -”, take your vehicle to your dealer.

— Operating tips

- To cool off your vehicle after it has been parked in the hot sun, drive with the windows open for a few minutes. After the excess heat has blown away, close the windows. This vents the hot air, allowing the air conditioning to cool the interior more quickly.
- Make sure the air intake grilles in front of the windshield are not blocked (by leaves or snow, for example).
- If air flow control is not satisfactory, check the side vents. (See “(e) 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 to 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 set to the FRESH mode to take in the fresh air and the fan speed selector to any setting except OFF.
- If following another vehicle on a dusty road, or driving in windy and dusty conditions, it is recommended that the air intake be temporarily set to the RECIRCULATED mode, which will close off the outside passage and prevent outside air and dust from entering the vehicle interior.

Heating

For best results, set controls to:

For automatic operation —

Push in the “AUTO” button.
Temperature — To the desired temperature
Air intake — FRESH (outside air)
Air conditioning — OFF

For manual operation —

Fan speed — To the desired fan speed
Temperature — Towards high temperature
Air intake — FRESH (outside air)
Air flow — FLOOR
Air conditioning — OFF

- For quick heating, select RECIRCULATED mode for a few minutes. To keep the windows from fogging, select FRESH mode after the vehicle interior has been warmed.
- Touch the “A/C” switch 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 —

Push in the “AUTO” button.
Temperature — To the desired temperature
Air intake — FRESH (outside air)
Air conditioning — ON

For manual operation —

Fan speed — To the desired fan speed
Temperature — Towards low temperature
Air intake — FRESH (outside air)
Air flow — PANEL
Air conditioning — ON

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

Ventilation

For best results, set controls to:

For automatic operation —

Push in the “AUTO” button.
Temperature — Towards low temperature
Air intake — FRESH (outside air)
Air conditioning — OFF

For manual operation —

Fan speed — To the desired fan speed
Temperature — Towards low temperature
Air intake — FRESH (outside air)
Air flow — PANEL
Air conditioning — OFF

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 — FRESH (outside air)
Air flow — WINDSHIELD

AIR CONDITIONING

For manual operation —

Fan speed — To the desired fan speed
Temperature — Towards high temperature to heat;
low temperature to cool
Air intake — **FRESH (outside air)**
Air flow — **WINDSHIELD**

When the windshield air flow button is pushed, air flows mainly from the windshield vents and turns on the defogging function with the purpose of clearing the front view.

Pushing this button once again returns the air flow mode to the last one used.

This button allows the air intake to select FRESH mode automatically. This is to clean up the front view more quickly. If you want to return the setting to RECIRCULATED mode, push the air intake selector button once again.

Touch the “A/C” switch 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 — **FRESH (outside air)**
Air flow — **WINDSHIELD**

For manual operation —

Fan speed — To the desired fan speed
Temperature — Towards high temperature
Air intake — **FRESH (outside air)**
Air flow — **WINDSHIELD**

When the windshield air flow button is pushed, air flows mainly from the windshield vents and turns on the defrosting function with the purpose of clearing the front view.

Pushing this button once again returns the air flow mode to the last one used.

This button allows the air intake to select FRESH mode automatically. This is to clean up the front view more quickly. If you want to return the setting to RECIRCULATED mode, push the air intake selector button once again.

Touch the “A/C” switch 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.

— Side vents

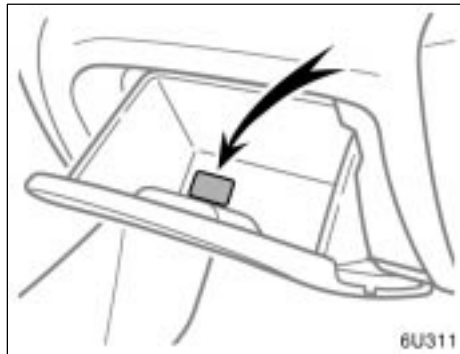


If air flow control is not satisfactory, check the side vents. The side vents may be opened or closed as shown.

When outside temperature is cold like a winter season, air flow temperature from the side vents may not be warmed up enough for a while until that the engine coolant temperature becomes high enough.

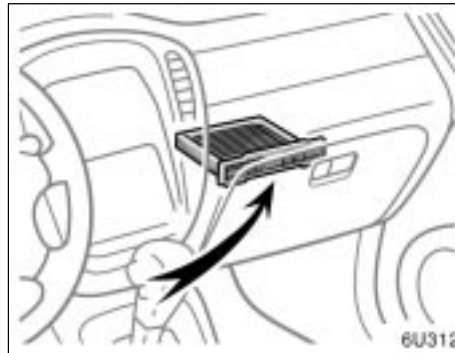
If air flow from the side vents is not satisfactory, air flow direction can be changed manually by adjusting the vents fin direction or the vents may be closed.

— Checking and replacing the air conditioning filter



The air conditioning filter information label is placed in the glove box as shown and indicates that a filter has been installed.

The air conditioning filter prevents dust from entering the vehicle through the air conditioning vent.



The air conditioning filter is behind the glove box.

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.

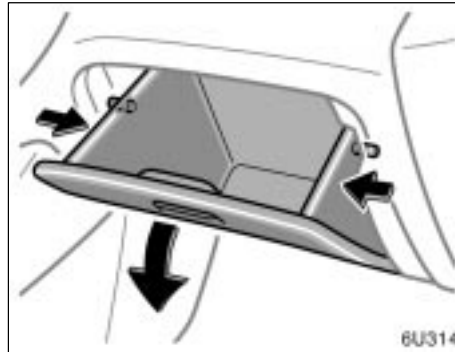
If the symptoms of air conditioning efficiency problems occur, contact your nearest dealer to have the filter checked and replaced.

To maintain the air conditioning efficiency, inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, such as inner city or desert areas, early replacement may be required. (For scheduled maintenance information, please refer to the "Scheduled Maintenance Guide" or "Owner's Manual Supplement".)

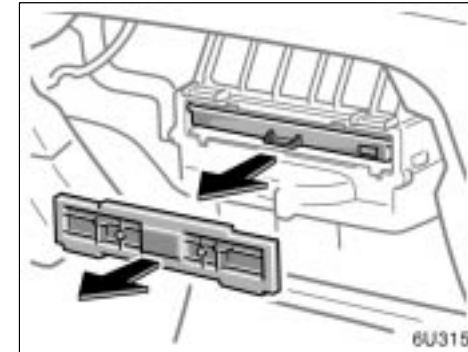
AIR CONDITIONING



1. Remove the clip with a Phillips-head screwdriver.

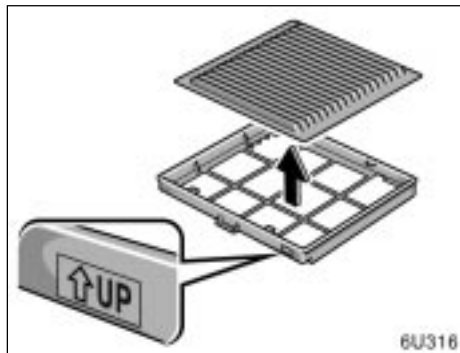


2. Open the glove box and push each side of the glove box to disconnect the claws.



3. Pull the filter cover toward you and remove it.

4. Remove the filter case toward you.



5. Remove the filter from the filter case.

6. Inspect the filter on the surface.

If it is dirty, it should be replaced.

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.

VI