

SECTION 1- 9

OPERATION OF INSTRUMENTS AND CONTROLS

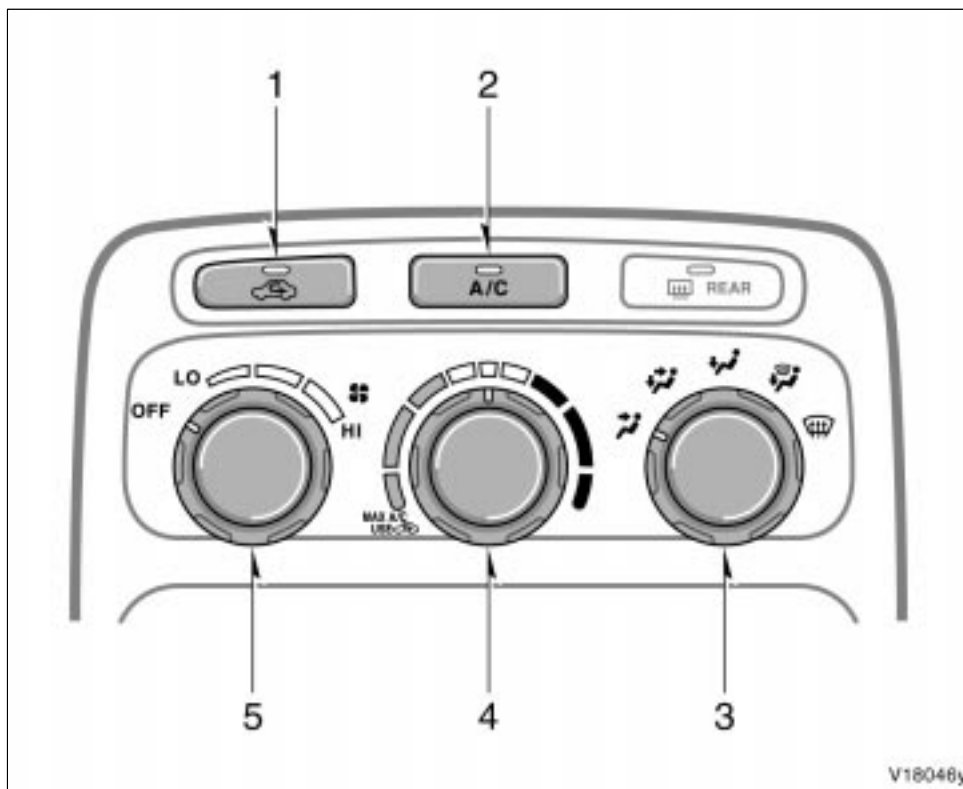
Air conditioning system

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For information about the front air conditioning system of a vehicle equipped with Navigation system, please refer to the separate "Navigation System Owner's Manual".

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**Front manual air conditioning system—
—Controls**



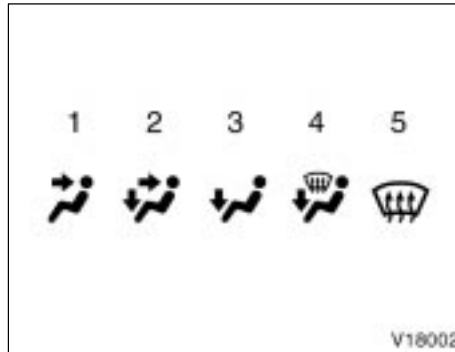
1. Air intake selector
2. "A/C" button
3. Air flow selector
4. Temperature selector
5. Fan speed selector

Fan speed selector

Turn the knob to adjust the fan speed—to the right to increase, to the left to decrease.

Temperature selector

Turn the knob to adjust the temperature—to the right to warm, to the left to cool.



Air flow selector

Turn the knob to select the vents used for air flow.

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.

Turning the air flow selector to the floor/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 once again.

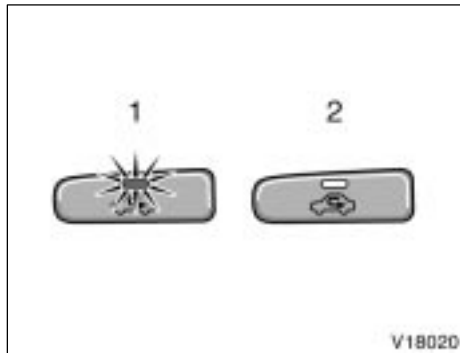
5. **Windshield**—Air flows mainly from the windshield vents.

Turning the air flow selector 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 once again.

For details about air flow selector settings, see “—Air flow selector settings” described blow.



Air intake selector

Press the button to select the air source.

1. **Recirculate**—Recirculates the air inside the vehicle.
2. **Fresh**—Draws outside air into the system.

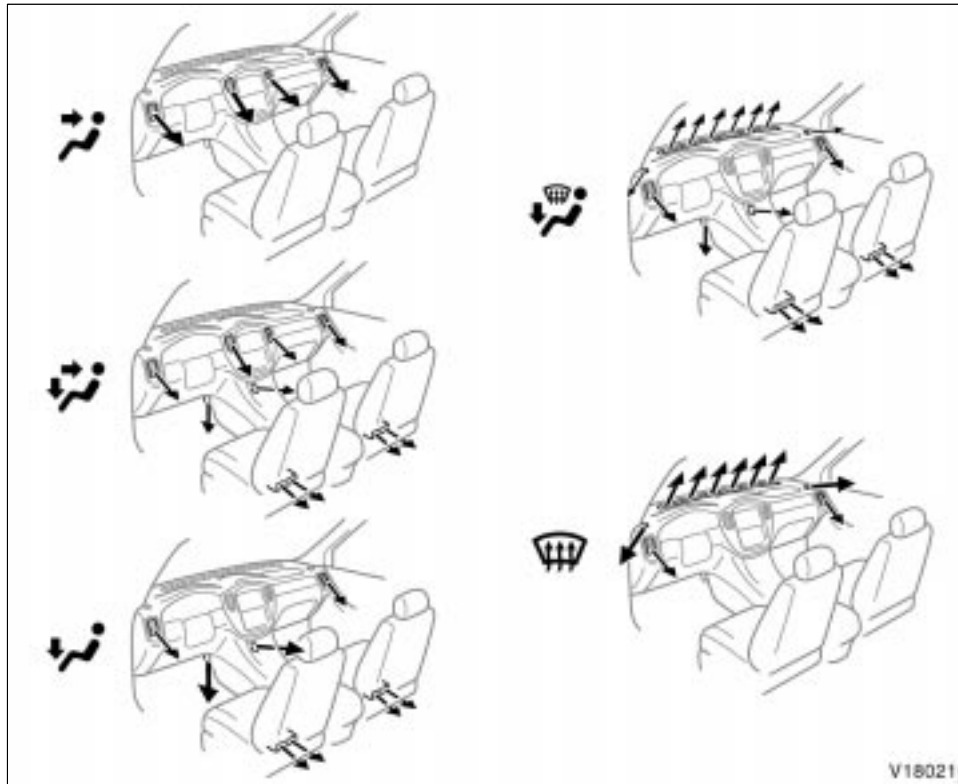
To prevent fogging up of the windshield, the air intake mode may change automatically to FRESH depending on the condition of the air conditioning system.

“A/C” button

To turn on the air conditioning, press the “A/C” button. The “A/C” button indicator will come on. To turn the air conditioning off, press the button again.

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 a Toyota dealer for service.

—Air flow selector settings



—Operating tips

- To cool off your Toyota after it has been parked in the hot sun, drive with the windows open for a few minutes. 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).
- 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 selector be set to FRESH and the fan speed selector to any setting except "OFF".

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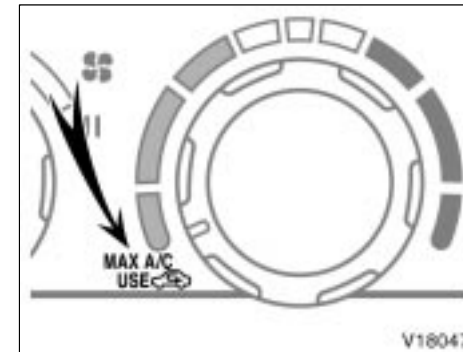
- If following another vehicle on a dusty road, or driving in windy and dusty conditions, it is recommended that the air intake selector be temporarily set to RECIRCULATE, which will close off the outside passage and prevent outside air and dust from entering the vehicle interior.

Heating

For best results, set controls to:

Fan speed—Any setting except "OFF"
Temperature—Towards **WARM**
(red zone)
Air intake—**FRESH** (outside air)
Air flow—**FLOOR**
Air conditioning—**OFF**

- For quick heating, select recirculated air for a few minutes. To keep the windows from fogging, select fresh after the vehicle interior has been warmed.
- Press 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:

Fan speed—Any setting except "OFF"
Temperature—Towards **COLD**
(blue zone)
Air intake—**FRESH** (outside air)
Air flow—**PANEL**
Air conditioning—**ON**

- For quick cooling, turn the temperature selector knob fully towards COLD and change the air intake selector mode to RECIRCULATE.

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Ventilation

For best results, set controls to:

Fan speed—Any setting except "OFF"
Temperature—Towards **COLD**
(blue zone)
Air intake—**FRESH** (outside air)
Air flow—**PANEL**
Air conditioning—**OFF**

Defogging

The inside of the windshield

For best results, set controls to:

Fan speed—Any setting except "OFF"
Temperature—Towards **WARM**
(red zone) to heat;
COLD (blue zone) to cool
Air intake—**FRESH** (outside air)
Air flow—**WINDSHIELD**

Turning the air flow selector 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 or floor/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.

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

Defrosting

The outside of the windshield

For best results, set controls to:

Fan speed—Any setting except "OFF"
Temperature—Towards **WARM**
(red zone)
Air intake—**FRESH** (outside air)
Air flow—**WINDSHIELD**

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

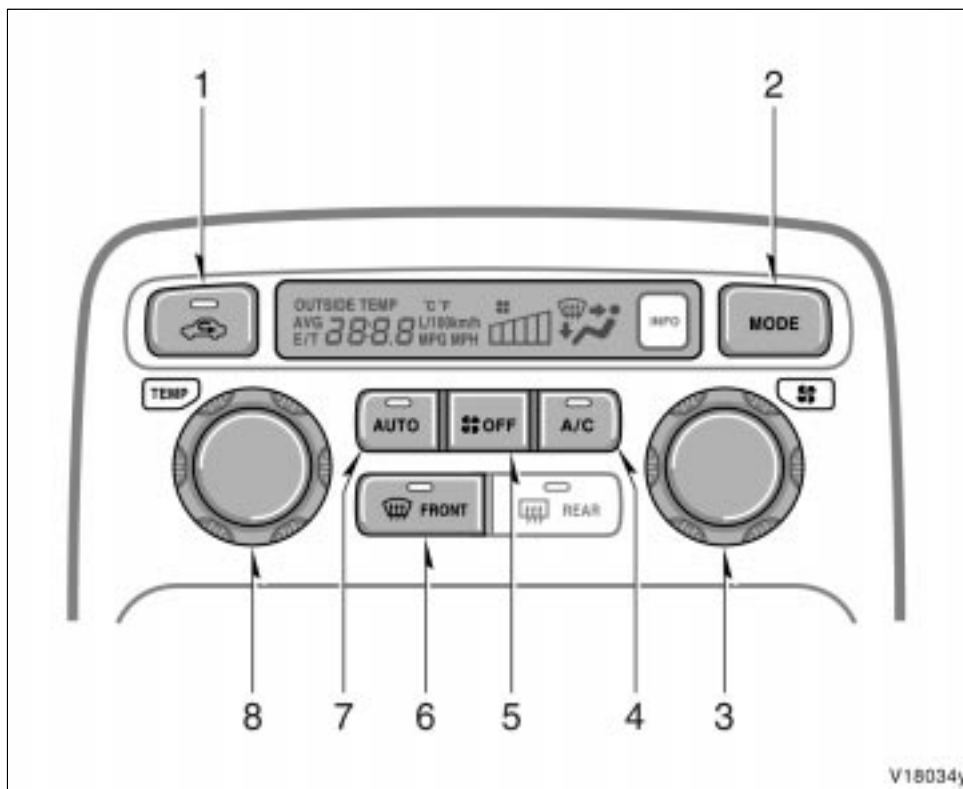
When turning the air flow selector to windshield or floor/windshield position, the air intake selects FRESH automatically. This is to clean up the front view more quickly.

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

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

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Front automatic air conditioning system— —Controls



1. Air intake selector
2. "MODE" button (air flow selector)
3. Fan speed selector
4. "A/C" button
5. "OFF" button
6. Windshield air flow button
7. "AUTO" button
8. Temperature selector

"AUTO" button

For automatic operation of the air conditioning, press the "AUTO" button. An indicator light will illuminate to show that the automatic operation mode has been selected.

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.

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

Fan speed selector

Turn the knob to adjust the fan speed—to the right to increase, to the left to decrease.

In automatic operation, you do not have to adjust the fan speed unless you desire another fan speed mode.

Temperature selector

Turn the knob to adjust the temperature—to the right to warm, to the left to cool.

"OFF" button

Push the button to turn off the air conditioning system.



"MODE" button (air flow selector)

Push the "MODE" button to select the vents used for air flow.

In automatic operation, you do not have to select the air flow unless you desire another air flow mode.

- 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.

Windshield air flow button

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.

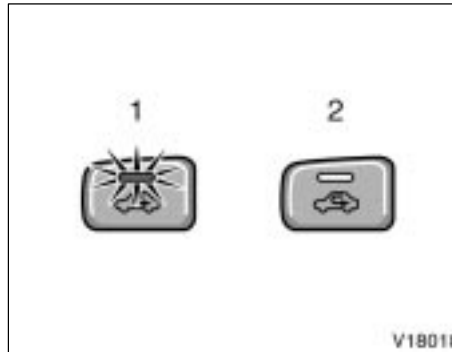
Pressing the button once again returns the air flow mode to the last one used.

Pressing the windshield air flow button turns on the defroster-linked air conditioning. This is to clean up the front view more quickly.

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When the "A/C" button is not pressed in, pressing another air flow button turns off the air conditioning.

For details about air flow selector settings, see "—Air flow selector settings" described below.



Air intake selector

Press the button to select the air source.

1. **Recirculate**—Recirculates the air inside the vehicle.
2. **Fresh**—Draws outside air into the system.

If the engine coolant temperature becomes extremely high, RECIRCULATE mode will automatically be selected. This is not a malfunction. When the engine coolant temperature is lowered, the previous mode will resume.

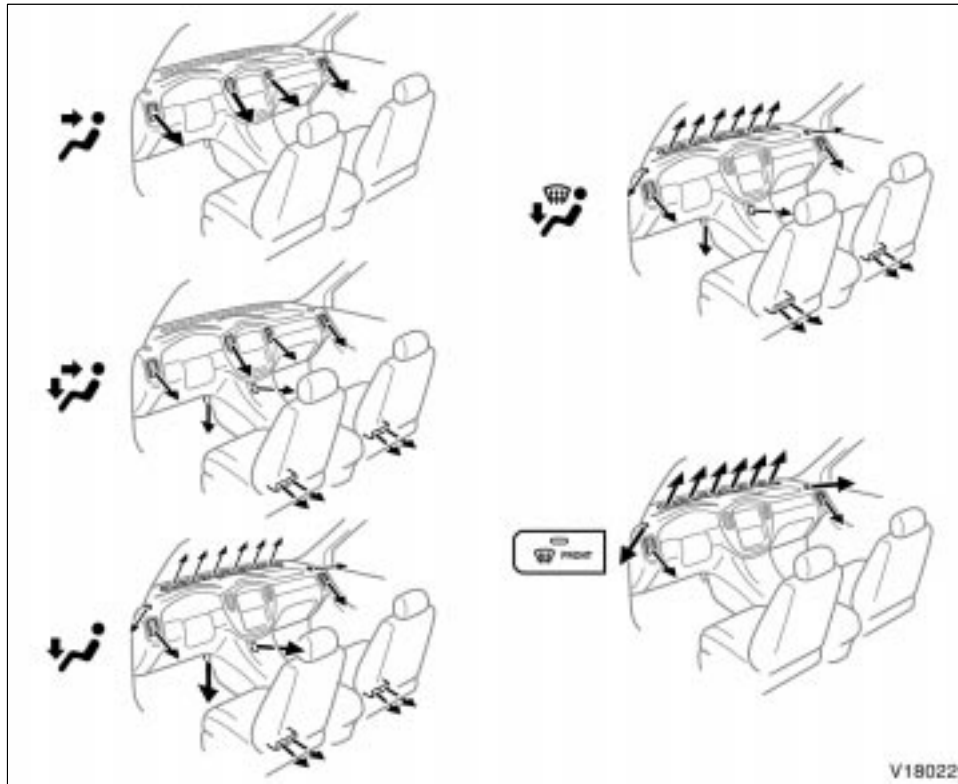
To prevent fogging up of the windshield, the air intake mode may change automatically to FRESH depending on the condition of the air conditioning system.

"A/C" button

To turn on the air conditioning, press the "A/C" button. The "A/C" button indicator will come on. To turn the air conditioning off, press the button again.

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 a Toyota dealer for service.

—Air flow selector settings



—Operating tips

- To cool off your Toyota after it has been parked in the hot sun, drive with the windows open for a few minutes. 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).
- 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 selector be set to FRESH and the fan speed selector to any setting except "OFF".

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- If following another vehicle on a dusty road, or driving in windy and dusty conditions, it is recommended that the air intake selector be temporarily set to RECIRCULATE, 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—

Press 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 **WARM** (to the right)
Air intake—FRESH (outside air)
Air flow—FLOOR
Air conditioning—OFF

- For quick heating, select recirculated air for a few minutes. To keep the windows from fogging, select fresh after the vehicle interior has been warmed.
- Press 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—

Press 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 **COLD** (to the left)
Air intake—FRESH (outside air)
Air flow—PANEL
Air conditioning—ON

- For quick cooling, select recirculated air for a few minutes.

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Ventilation

For best results, set controls to:

For automatic operation—

Press in the “AUTO” button.
Temperature—Towards **COLD**
(to the left)
Air intake—FRESH (outside air)
Air conditioning—OFF

For manual operation—

Fan speed—To the desired fan speed
Temperature—Towards **COLD**
(to the left)
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 **WARM**
(to the right) to heat;
COLD (to the left) to
cool
Air intake—FRESH (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—FRESH (outside air)
Air flow—WINDSHIELD

When pressing the windshield air flow button, 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.

Pressing the windshield button turns on the defroster-linked air conditioning. This is to clean up the front view more quickly.

When the “A/C” button is not pressed in, pressing another air flow button turns off the air conditioning.

- 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 **WARM**
(to the right)
Air intake—FRESH (outside air)
Air flow—WINDSHIELD

For manual operation—

Fan speed—To the desired fan speed
Temperature—Towards **WARM**
(to the right)
Air intake—**FRESH** (outside air)
Air flow—**WINDSHIELD**

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

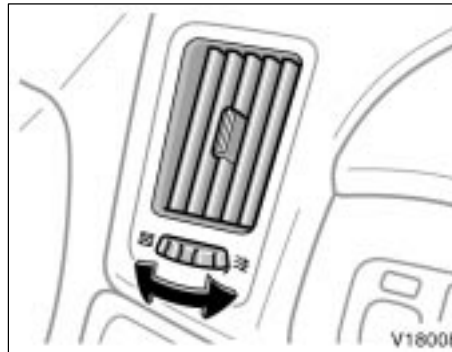
If you want to return the setting to RECIRCULATE mode, press the air intake selector button once again.

Pressing the windshield button turns on the defroster-linked air conditioning. This is to clean up the front view more quickly.

When the “A/C” button is not pressed in, pressing another air flow button turns off the air conditioning.

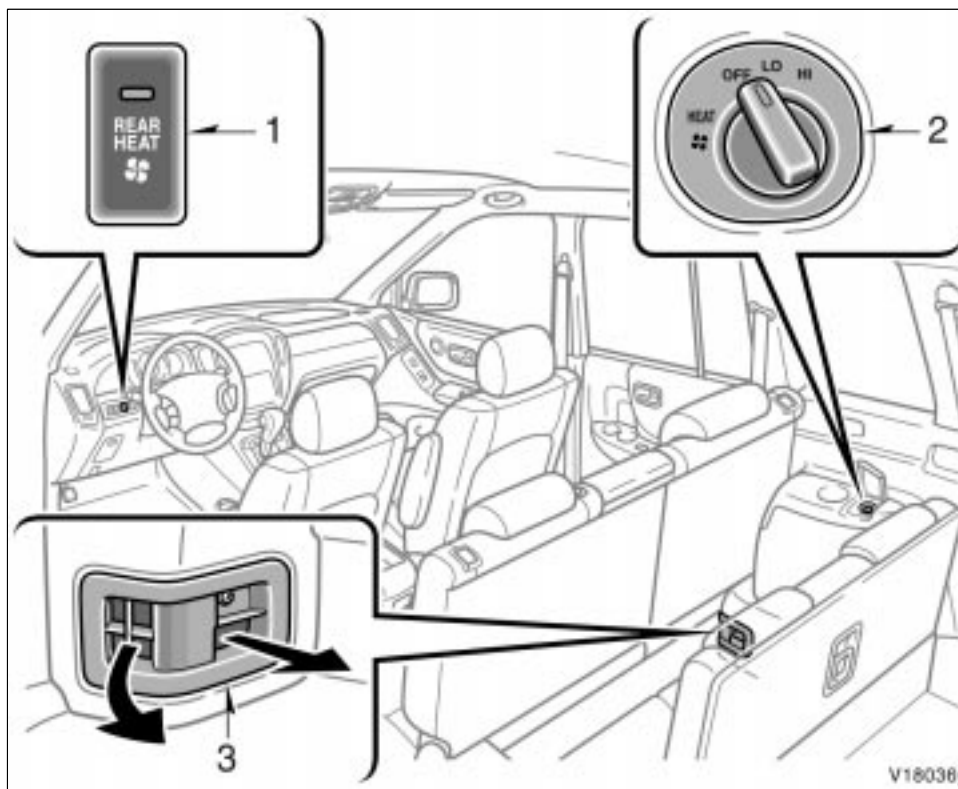
- To heat the vehicle interior while defrosting the windshield, choose floor/windshield air flow.

Side vents



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

Rear heater system



1. Main switch

Push the switch to turn the rear heater system on or off.

Turning the fan speed selector to the "LO" or "HI" position with the rear heater system on illuminates the main switch indicator.

2. Fan speed selector

Turn the knob to adjust the fan speed—to the right to increase, to the left to decrease.

When the rear heater system is off, the fan speed selector will not operate.

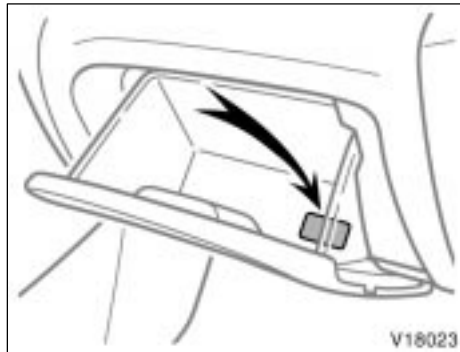
3. Rear heater vents

Air flows from the vents when the rear heater system is operating.



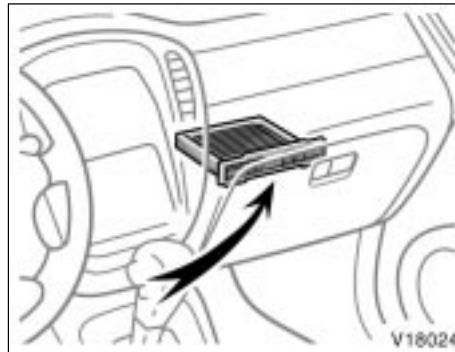
Do not place feet near the vents for long periods as burns may result.

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.

—Checking and replacing the air conditioning filter

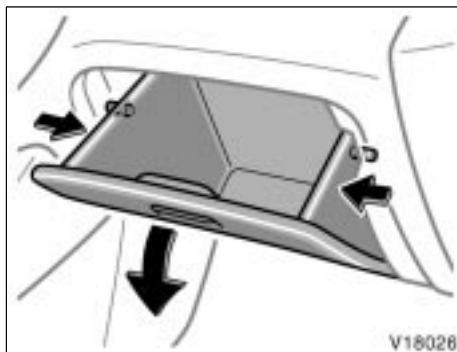
The air conditioning filter may clog after long use. The filter may need to be replaced if the air flow of the air conditioning and heater experiences extreme reductions in operating efficiency, or if the windows begin to fog up easily.

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".)

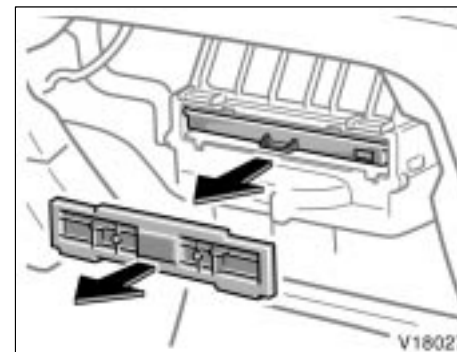
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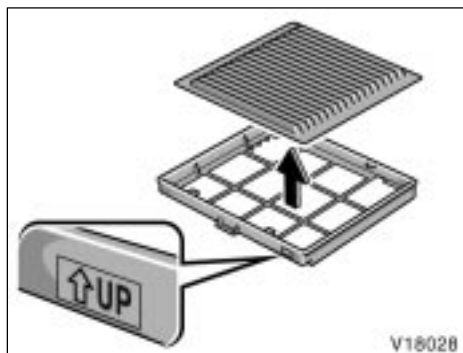
1. Remove the clip with a Phillips-head screwdriver.



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.

When installing the filter and filter case, keep the arrow pointing up.

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.