

SECTION 1-8

OPERATION OF INSTRUMENTS AND CONTROLS

Air conditioning system

Front manual air conditioning system

Controls	184
Air flow selector settings	187
Operating tips	187

Front automatic air conditioning system

Controls	190
Air flow selector settings	194
Operating tips	194

Side vents

197

Rear manual air conditioning system

Controls	198
Air flow selector settings	199

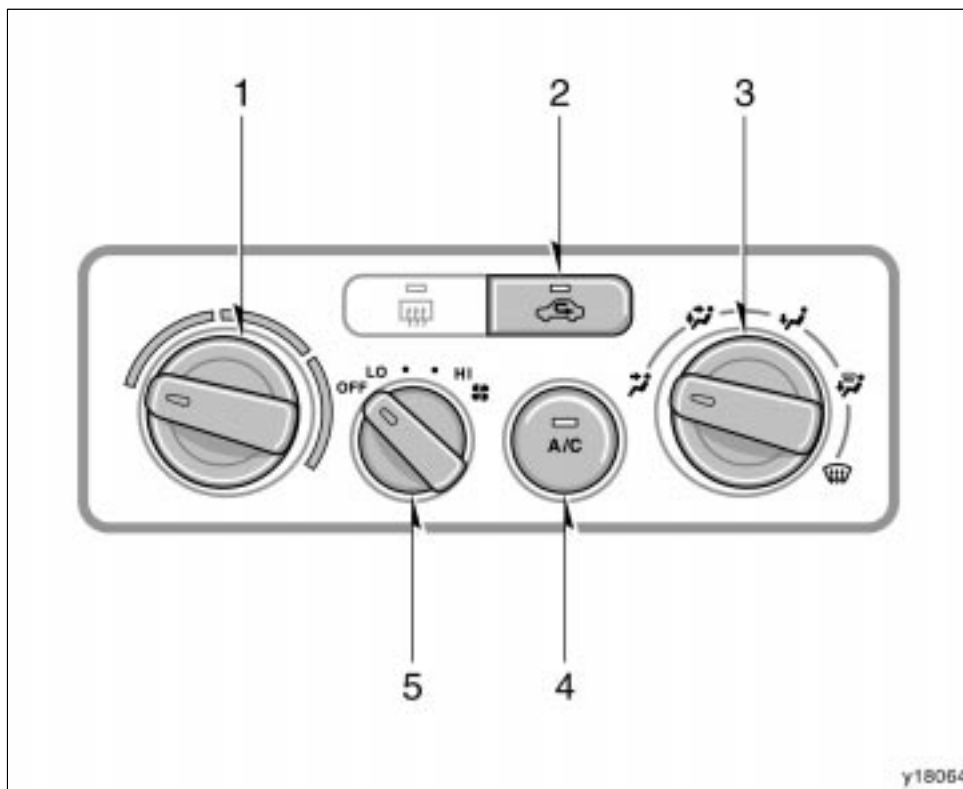
Rear automatic air conditioning system

Controls	200
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Roof vents

201

01 SIENNA_U (L/O0008)

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

1. Temperature Selector
2. Air Intake Selector
3. Air Flow Selector
4. "A/C" Button
5. Fan Speed Selector

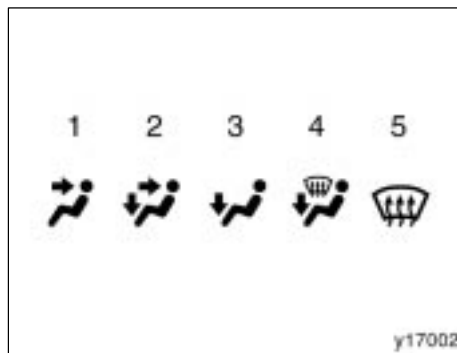
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Fan speed selector

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 turn on the defogging function with the purpose of clearing the front view.

2001 MY SIENNA (OM45406U)

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.

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.

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.

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

For details about air flow selector settings, see the illustration after “A/C” button.

01 SIENNA_U (L/O0008)

Air intake selector

The air intake selector button is used to switch the air intake FRESH mode that draws outside air into the system and RECIRCULATE mode that recirculates the air inside vehicle.

To turn the air source to RECIRCULATE mode, press the button. The indicator will come on. To turn the air source to FRESH mode, press the button again. The indicator will go off.

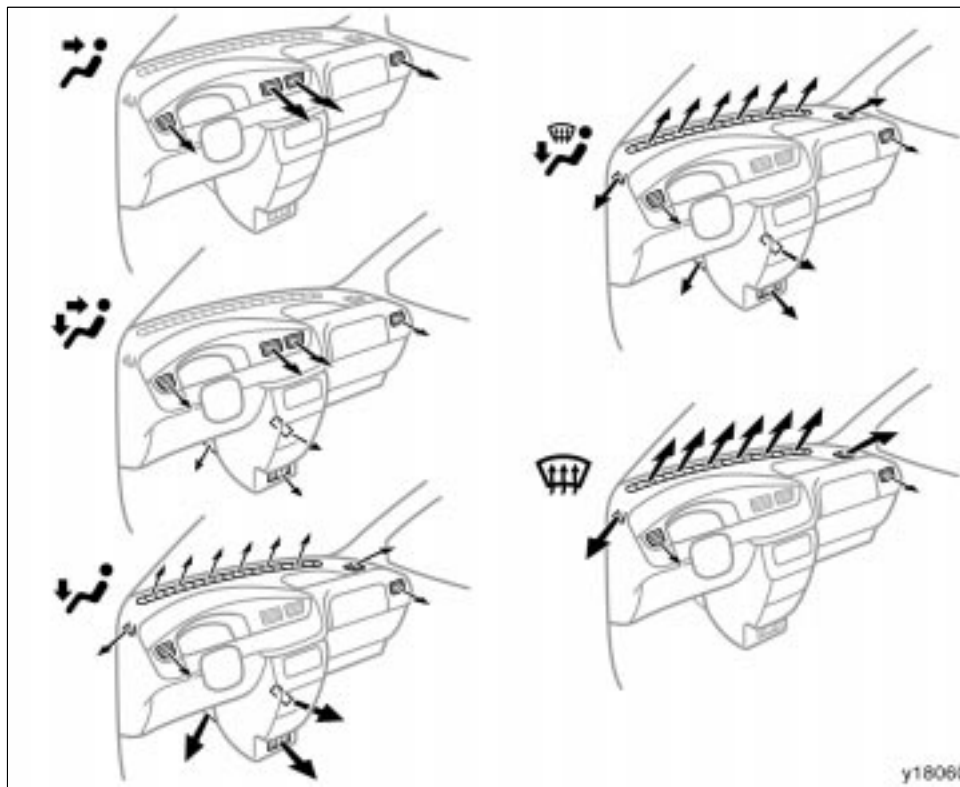
To prevent fogging up of the windshield, the air intake mode may change automatically to FRESH depending on the condition of the air conditioning system.

“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, move the fan speed to "HI" 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".

01 SIENNA_U (L/O0008)

- 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, select recirculate air for a few minutes.

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.

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.

01 SIENNA_U (L/O0008)

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.

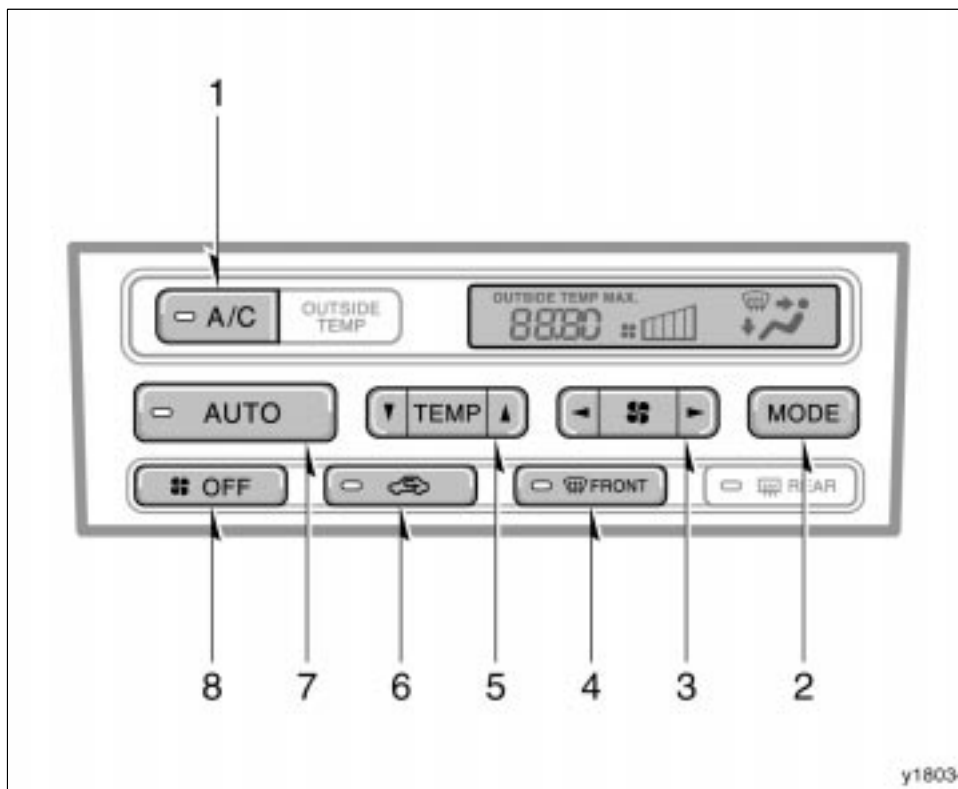
When turning the air flow selector to windshield or floor/windshield position, the air intake selects FRESH automatically. This is to clean up the front view more quickly.

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

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.

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**Front automatic air conditioning system—
—Controls**

01 SIENNA_U (L/O0008)

“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.

When you adjust the temperature selector button to maximum cooling, a “MAX COLD” message will appear on the display and the air intake mode will be automatically changed to RECIRCULATE.

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

To turn off the automatic operation, press the “OFF” button.

Fan speed selector

Push the “►” (increase) or “◄” (decrease) side of the button to adjust the fan speed.

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

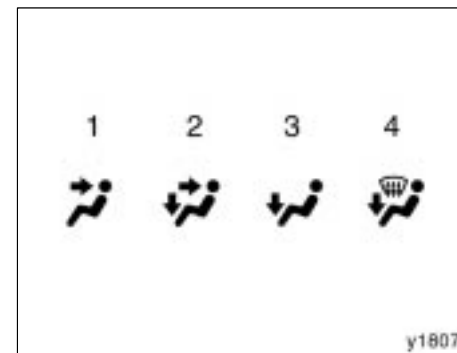
Temperature selector

To increase the temperature, press the “▲” side, to decrease it, press the “▼” side.

“MAX COLD” appears when you adjust to maximum cooling, and “MAX HOT” when you adjust to maximum warming.

“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.

01 SIENNA_U (L/O0008)



Windshield air flow button

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

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

This button 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.

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

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 the illustration after "A/C" button.

Air intake selector

The air intake selector button is used to switch the air intake FRESH mode that draws outside air into the system and RECIRCULATE mode that recirculates the air inside vehicle.

To turn the air source to RECIRCULATE mode, press the button. The indicator will come on. To turn the air source to FRESH mode, press the button again. The indicator will go off.

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.

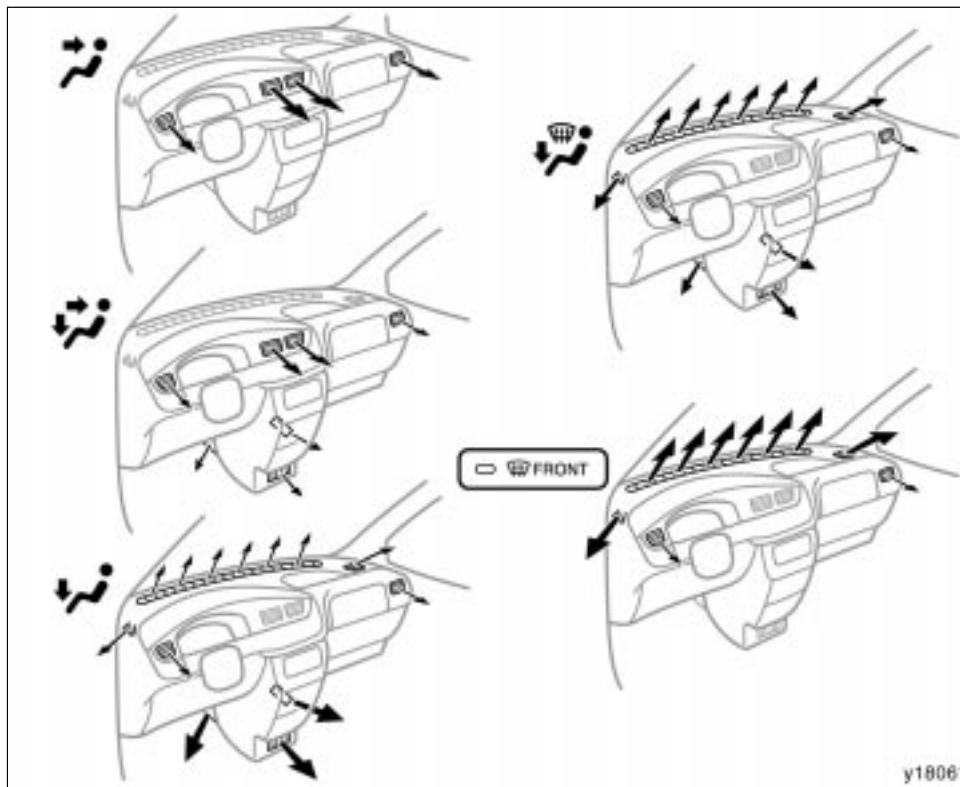
01 SIENNA_U (L/O0008)

“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, push 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 selector be set to FRESH and the fan speed selector to any setting except "OFF".



01 SIENNA_U (L/O0008)

- 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 high temperature (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 low temperature (to the left)
Air intake—FRESH (outside air)
Air flow—PANEL
Air conditioning—ON

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

Ventilation

For best results, set controls to:

For automatic operation—

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

For manual operation—

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

01 SIENNA_U (L/O0008)

Defogging

The inside of the windshield

For best results, set controls to:

For automatic operation—

Temperature—Towards high temperature
(to the right) to heat;
low temperature (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 high temperature
(to the right) to heat;
low temperature (to the
left) to cool
Air intake—**FRESH** (outside air)
Air flow—**WINDSHIELD**

If your windshield is fogging, turn on the defogger by pushing the “MODE” button to select the floor/windshield vent, or push the windshield air flow button.

The defogger is not automatically set to either floor/ windshield or windshield air flow.

If the windshield is fogging, manually turn on the defogger.

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.

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.

Defrosting

The outside of the windshield

For best results, set controls to:

For automatic operation—

Temperature—Towards high temperature
(to the right)
Air intake—**FRESH** (outside air)
Air flow—**WINDSHIELD**

For manual operation—

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

If your windshield is frosting, turn on the defroster by pushing the “MODE” button to select the floor/windshield vent, or push the windshield air flow button.

The defroster is not automatically set to either floor/windshield or windshield air flow.

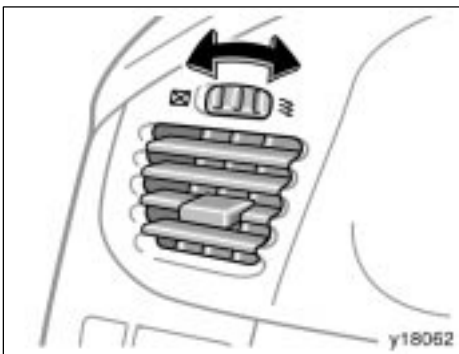
If the windshield is frosting, manually turn on the defroster.

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.

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

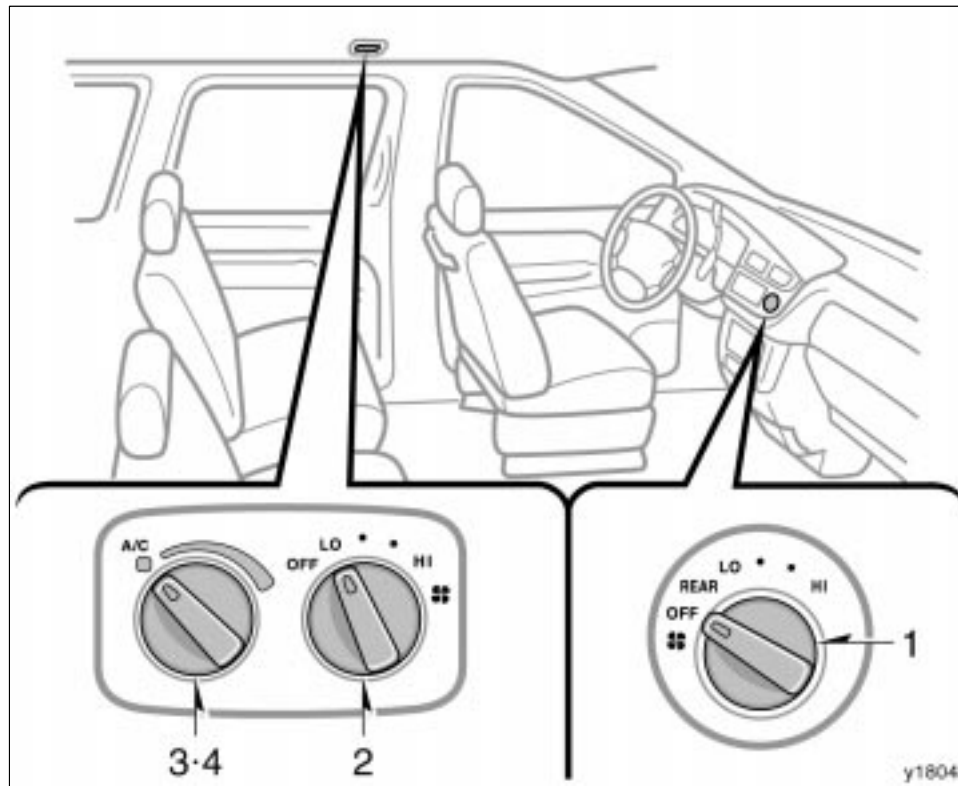
- To heat the vehicle interior while defrosting the windshield, choose floor/windshield air flow.

01 SIENNA_U (L/O0008)**Side vents****Driver's side**

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

**Passenger's side**

01 SIENNA_U (L/O0008)

**Rear manual air conditioning system—
—Controls**

1. Fan Speed Selector (front)
2. Fan Speed Selector (rear)
3. Temperature Selector
4. Air Flow Selector

Fan speed selector (front)

To turn the rear air conditioning system on/off and adjust the fan speed.

To turn the “REAR” position—You can operate the rear air conditioning system by the rear controller.

Turn the knob to adjust the fan speed—to the right to increase, to the left to decrease. To turn the knob to “OFF” turns off the rear air conditioning system and the system cannot be operated by the rear controller.

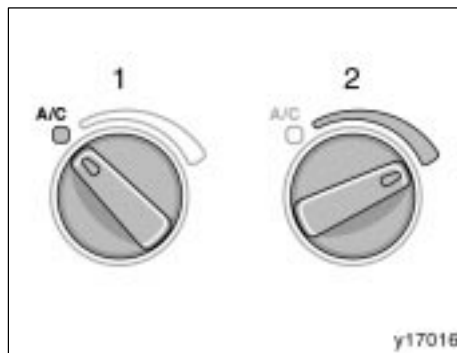
Fan speed selector (rear)

When the front fan speed selector is in “REAR”, you can operate it.

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 “A/C” position to cool.



Air flow selector

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

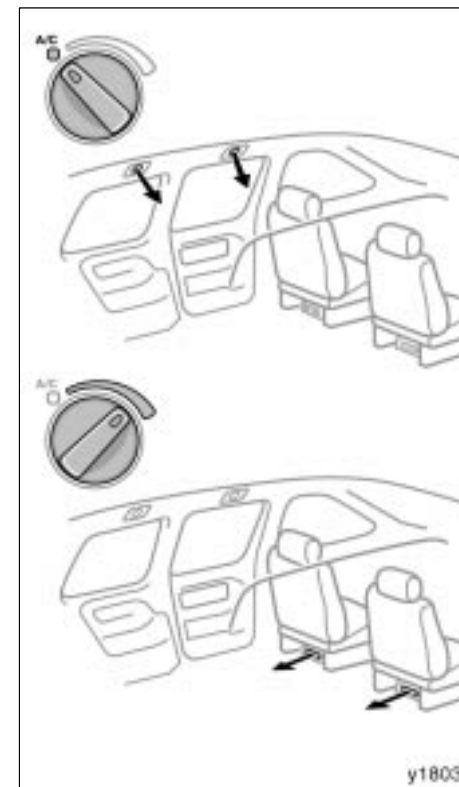
1. “A/C”—Air flows only from the roof panel vents.

This setting does not control air temperature. It is only for blowing air conditioned cool air.

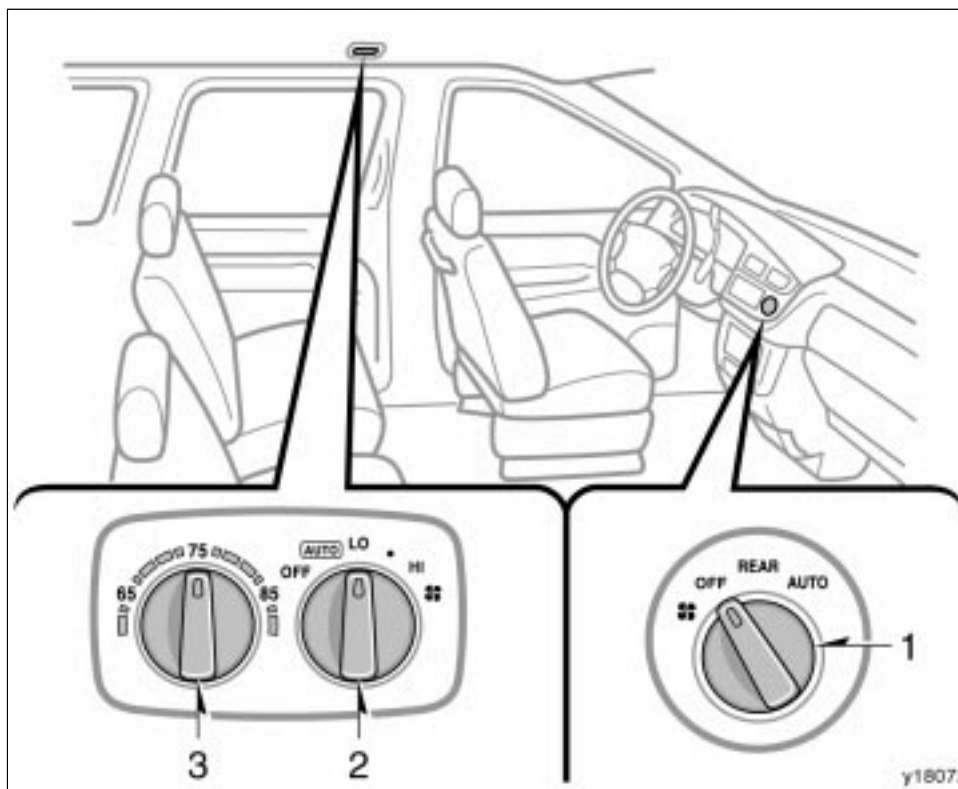
2. Except “A/C”—Air flows only from the floor vents.

This controls the air temperature. It is for blowing air conditioned cool air and warm air.

—Air flow selector settings



01 SIENNA_U (L/O0008)

**Rear automatic air conditioning system—
—Controls**

1. Fan Position Selector
2. Fan Speed Selector
3. Temperature Selector

01 SIENNA_U (L/O0008)

Fan position selector

“OFF”—You can turn off the rear air conditioning.

“REAR”—You can operate the rear air conditioning system by the rear controller.

“AUTO”—You can adjust the temperature and fan speed of the front and rear air conditioning systems simultaneously by using the front air conditioning switches.

Fan speed selector

When the front fan position selector is in “REAR”, you can operate it.

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

To turn the knob to the “AUTO”—In the automatic operation mode, the rear air conditioning selects the most suitable fan speed and air flow according to the temperature.

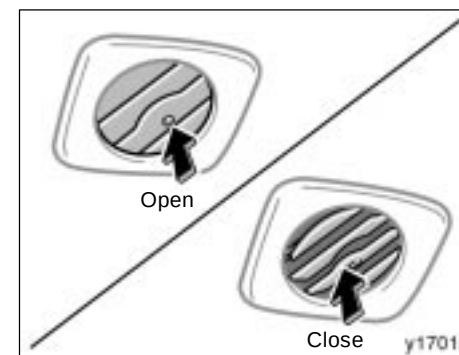
Temperature selector

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

Air flow from the roof panel vents and/or floor vents is automatically adjusted according to the temperature when both automatic and manual modes are on.

The floor vents provide only cool air.

The roof panel vents provide warm air and cool air.

Roof vents

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

01 SIENNA_U (L/O0008)