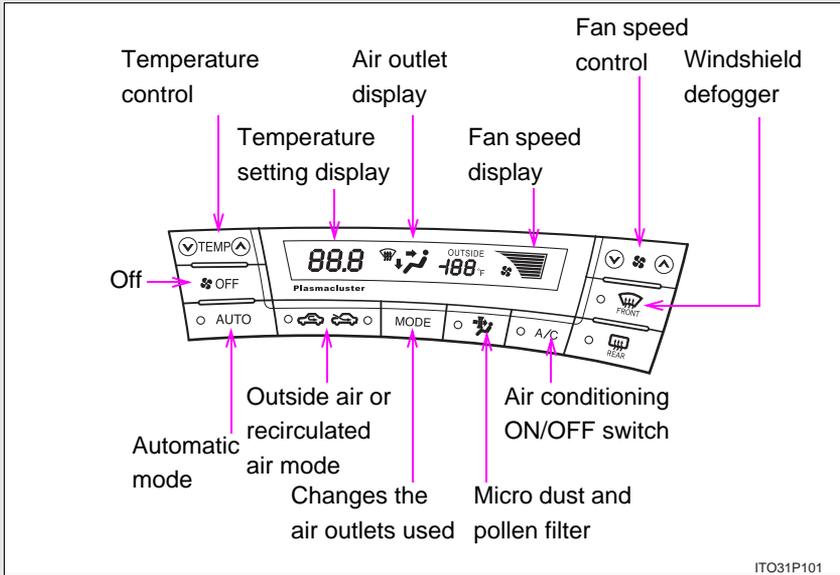


### 3-1. Using the air conditioning system and defogger

## Air conditioning system

**Airflow and outlets are automatically adjusted according to the temperature setting.**



## Using the automatic mode

**STEP 1** Press .

The air conditioning system will begin to operate. Air outlets and fan speed are automatically adjusted according to the temperature setting.

**STEP 2** Press  $\wedge$  to increase the temperature and  $\vee$  to decrease the temperature on the .

## Adjusting the settings

### n Adjusting the temperature setting

Press  $\wedge$  to increase the temperature and  $\vee$  to decrease the temperature on the .

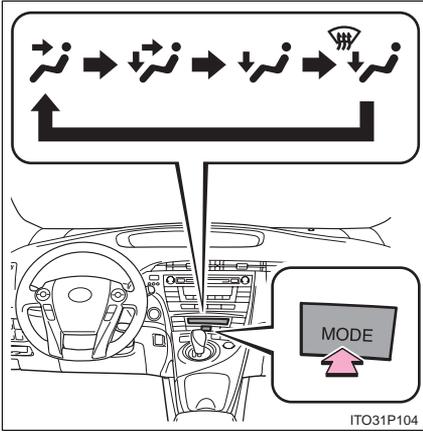
### n Adjusting the fan speed

Press  $\wedge$  (increase) or  $\vee$  (decrease) on .

The fan speed is shown on the display. (7 levels)

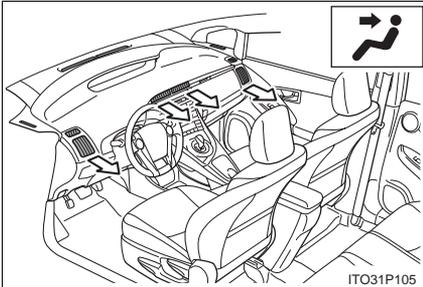
Press  to turn the fan off.

n **Changing the air outlets**

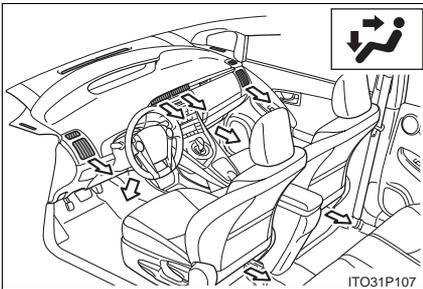


Press  .

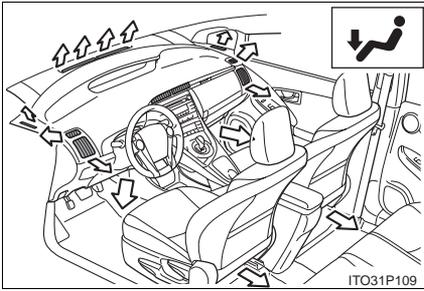
The air outlets switch each time the button is pressed.



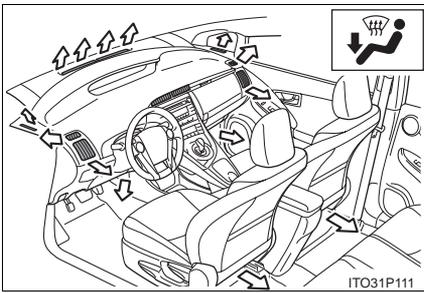
Air flows to the upper body.



Air flows to the upper body and feet.

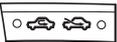


Mainly air flows to the feet.



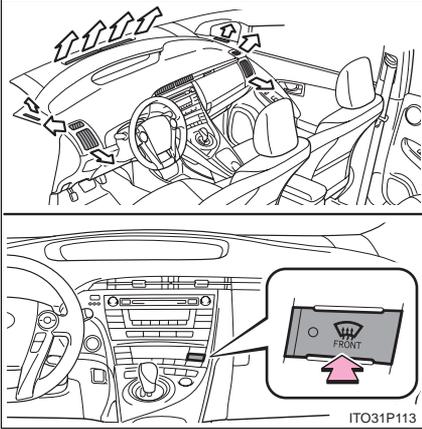
Air flows to the feet and the windshield defogger operates.

### n Switching between outside air and recirculated air modes

Press .

The modes switches between  (recycles air inside the vehicle) and  (introduces air from outside the vehicle) modes each time the button is pressed.

## Defogging the windshield



Press .

The air conditioning system control operates automatically.

Recirculated air mode will automatically switch to outside air mode.

## Micro dust and pollen filter

Press .

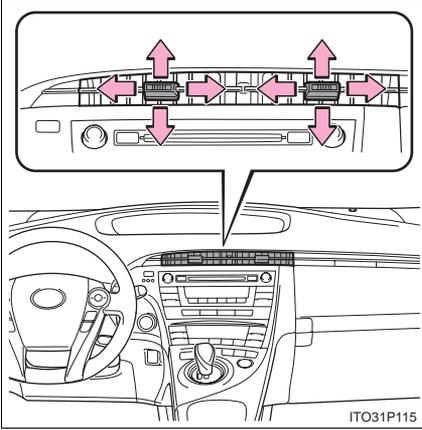
Outside air mode switches to recirculated air mode. Pollen is removed from the air and the air flows to the upper part of the body.

Usually the system will turn off automatically approximately 3 minutes later.

To stop the operation, press  again.

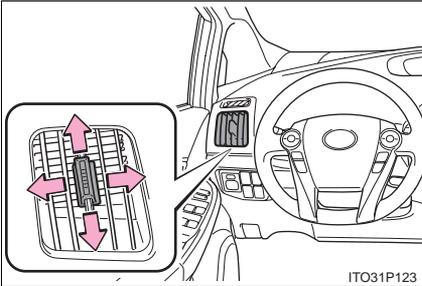
## Adjusting the position of the air outlets

### ► Center outlets



Direct air flow to the left or right, up or down.

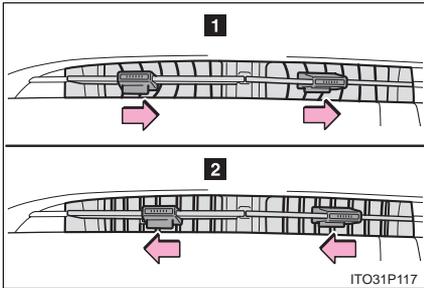
### ► Right and left side outlets



Direct air flow to the left or right, up or down.

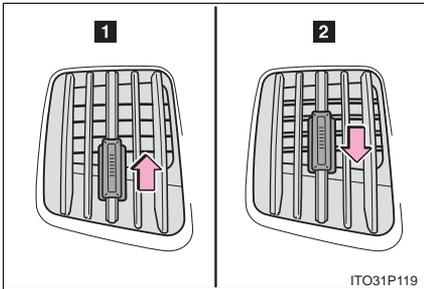
## Opening and closing the air outlets

### ► Center outlets



- 1 Open the vent.
- 2 Close the vent.

### ► Right and left side outlets



- 1 Open the vent.
- 2 Close the vent.

### n **Using the automatic mode**

Fan speed is adjusted automatically in accordance with the temperature setting and ambient conditions. As a result, the following may occur.

- l Immediately after  is pressed, the fan may stop for a while until warm or cool air is ready to flow.
- l Cool air may flow to the area around the upper body when the heater is on.
- l  does not operate even if it pushes .

### n **Using the system in recirculated air mode**

The windows will fog up more easily if the recirculated air mode is used for an extended period.

### n **Switching between outside air and recirculated air modes**

Recirculated air mode or outside air mode may be automatically switched to in accordance with under these condition, such as temperature setting and inside temperature.

### n **Window defogger feature**

Recirculated air mode may automatically switch to outside air mode in situations where the windows need to be defogged.

### n **When outside temperature approaches 32 °F (0 °C)**

The air conditioning system may not operate even when  is pressed.

### ▢ **Micro dust and pollen filter**

▮ In order to prevent the windows from fogging up when the outside air is cold, the following may occur.

- Outside air mode does not switch to recirculated air mode.
- The air conditioning system operates automatically.
- The operation cancels after 1 minute.

▮ In rainy weather, the windows may fog up. Press  .

### ▢ **When Eco Driving mode is on**

▮ If the outside temperature exceeds a preset temperature, the system will switch to recirculated air mode.

▮ The effectiveness of the air conditioning will be lower than normal.

▮ The fan speed level drops below the normal rate.

### ▢ **Plasmacluster™\* (if equipped)**

Plasmacluster will operate in conjunction with the air conditioning fan motor when it is turned on.

This air conditioning system adopts plasmacluster technology, which helps to keep good air quality in the cabin by emitting positive and negative ions through the driver's side vent.

A slight noise may be heard during operation. This is not a malfunction. Also, static electricity may be discharged near the driver's side vent due to the high voltage used to operate the system.

To clean the driver's side vent, turn the system off and wipe the vent using a soft cloth.

\*: Plasmacluster technology is manufactured under license from the SHARP Corporation.

“Plasmacluster™” is a trademark of the SHARP Corporation.

 **CAUTION**

**n To prevent the windshield from fogging up**

Do not use  during cool air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield can cause the outer surface of the windshield to fog up, blocking your vision.

**n Plasmacluster™**

Do not disassemble or repair the system because it contains high voltage parts. Call your Toyota dealer if the system needs repair.

 **NOTICE**

**n To prevent 12 volt battery discharge**

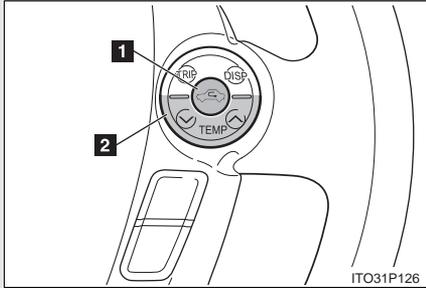
Do not leave the air conditioning system on longer than necessary when the hybrid system is not operating.

**n To prevent damage to the Plasmacluster™**

Do not insert anything into the driver's side vent, attach anything to it, or use sprays around the driver's side vent. These things may cause the system no to work properly.

### 3-1. Using the air conditioning system and defogger Using the steering wheel climate remote control switches

Some air conditioning features can be controlled using the switches on the steering wheel.



- 1** Outside air or recirculated air mode
- 2** Temperature control

#### Adjusting the temperature setting

Press “^” on  to increase the temperature and “v” to decrease the temperature.

### Changing the recirculated air mode

Press .

The mode switches between outside air mode and recirculated air mode each time the switch is pressed.

#### n **When operating the steering switches**

For confirmation purposes, the steering switches operation status is displayed on the instrument cluster. (→P. 182)

#### **CAUTION**

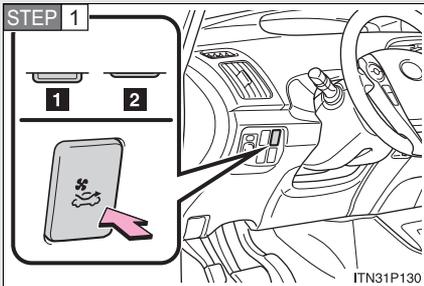
#### n **To reduce the risk of an accident**

Exercise care when operating the air conditioning switches on the steering wheel.

### 3-1. Using the air conditioning system and defogger Solar ventilation system\*

The solar ventilation system uses energy provided by solar panel built into the roof to operate a fan contained within the air conditioning system, allowing ventilation of the vehicle interior when the vehicle is parked in direct sunlight.

#### n Activating the solar ventilation system



With the “POWER” switch in ON mode, turn on the ventilation switch.

**1** Off

**2** On

#### **STEP 2** Turn the “POWER” switch OFF.

After approximately 1 minute, outside air mode will be selected and the air vents will be put into FACE mode.

After approximately 10 minutes, the ventilation operation will commence.

The ventilation operation will be canceled if the “POWER” switch is turned to ON mode or the ventilation switch is turned off.

\*: If equipped

### n **Efficient use of the solar ventilation system**

Efficient control of temperature increase can be achieved by using the system in conjunction with the remote air conditioning system. (→P. 285)

### n **Operating conditions**

The solar ventilation system may not operate under the following circumstances due to a lack of power from the solar panel:

- l Low amount of sunlight
- l Ever when a part of the solar panel is cast by a shadow.
- l Ever when a part of the solar panel is covered by fallen leaves or dirt.
- l The solar panel is not at a high temperature.

### n **When using the solar ventilation system**

- l Make sure that the "POWER" switch is in ON mode when turning the ventilation switch on. If the ventilation switch is turned on while the "POWER" switch is OFF, the air mode and the status of the air vents will remain unchanged.
- l Remove dirt or fallen leaves from the solar panel in order to ensure sufficient electrical output.
- l If the solar ventilation system is not needed, be sure to turn the ventilation switch off, otherwise the following problems may occur:
  - Dirty air and exhaust fumes from other vehicles may be drawn from outside.
  - Use in winter may cause heated interior air to leave the vehicle, thus leading to a drop in temperature.

 CAUTION

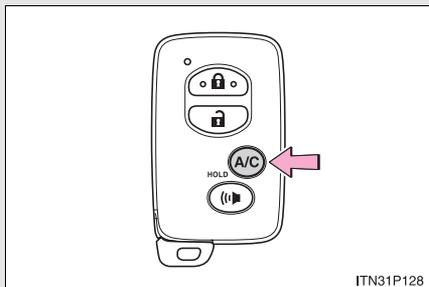
**n Solar ventilation system precautions**

- I** Do not use the system if people are inside the vehicle.  
The solar ventilation system is not intended to ensure the performance of the air conditioning system. Do not leave children or pets in the vehicle. The temperature of the interior will remain high, possibly resulting in heat-stroke, dehydration, or even death.
- I** This system should be used only for the relief of discomfort when entering the vehicle, and should not be used for other purposes.
- I** Be careful not to touch the solar panel surface in scorching sun weather conditions as it will rise very high in temperature and may cause burns.

## 3-1. Using the air conditioning system and defogger Remote air conditioning system\*

The remote air conditioning system uses electrical energy stored in the hybrid battery (traction battery) and allows the air conditioning to be operated by remote control.

### n Activating the remote air conditioning system



Press and hold the  to operate the remote air conditioning system.

- The system will shut off if a door is opened.
- The system can be stopped by pressing the  twice.

### n Using the remote air conditioning system effectively

Efficiency can be increased by using the system in conjunction with the solar ventilation system. (→P. 282)

\*: If equipped

▫ **Operating conditions**

The system will only operate if all of the following conditions are met:

- The shift position is in "P".
- The "POWER" switch is OFF.
- All doors are closed.
- The hood is closed.
- The brake pedal is not being depressed.
- The air conditioning is not set to MAX HOT.

▫ **When leaving the vehicle**

- Check that the headlights are switched to either off or "AUTO".
- Check that the wiper switch is turned off.
- Check that all windows are closed.
- Check the temperature setting of the air conditioning system.  
The remote air conditioning system will operate in accordance with the temperature settings of the air conditioning system.

▫ **Remote air conditioning system automatic shut-off**

The system will automatically shut off under the following conditions:

- About 3 minutes have passed since operation began
- Any one of the operating conditions is not met

The system may also shut off if the charge level of the hybrid battery (traction battery) drops to low. (→P. 188)

▫ **Conditions affecting operation**

The system may not start in the following situations:

- The charge level of the hybrid battery (traction battery) is low (→P. 188)
- The air conditioning temperature is set at a high level

■ **Security feature**

Any unlocked doors will be automatically locked when the system is operating. The buzzer will beep and the emergency flashers flash when the doors have been locked or the system has been turned off.

(The doors locked: Once; The system turned off: Twice)

■ **If the wireless remote control does not function properly**

→P. 65

■ **Customization that can be configured at Toyota dealer**

Setting (e.g.Operation using the  on the wireless remote control) can be changed.

(Customizable features →P. 579)

 CAUTION

**n Precautions for the remote air conditioning system**

Do not use the system if people are in the vehicle.

- I** Even when the system is in use, the internal temperature may still reach a high level due to features such as the automatic shut-off. Children and pets left inside the vehicle may suffer heatstroke or dehydration, or could result in death or serious injury.
- I** The wipers can be operated during system operation. Children or pets left inside the vehicle may mistakenly operate these and cause an accident.
- I** Turn the wipers off. If the remote air conditioning system operates while the wiper switch is in the on position, the wipers may operate and objects may get caught in the wiper blades.
- I** Do not operate the  if the hood is open. The air conditioning may operate unintentionally and objects may be drawn into the electrical cooling fan.
- I** Depending on the surrounding environment, signals from the wireless switch may transmit further than expected. Pay appropriate attention to the vehicle's surroundings and use the switch only when necessary.

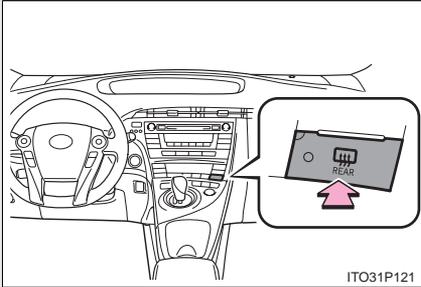
 NOTICE

**n To prevent the hybrid battery (traction battery) from being discharged through incorrect operation**

Use the  only when necessary.

### 3-1. Using the air conditioning system and defogger Rear window and outside rear view mirror defoggers

**Clear the rear window using the defogger. (Turning the rear window defogger on will turn the outside rear view mirror defoggers on. The outside rear view mirror is used to remove raindrops, dew and frost from the outside rear view mirrors.) (vehicles with mirror defoggers)**



The defoggers will automatically turn off after approximately 15 minutes. Pressing the switch again also turns the rear window defogger off.

- **The rear window and outside rear view mirror defoggers can be operated when**

The "POWER" switch must be in the ON mode.

 **CAUTION**

- **When the outside rear view mirror defoggers are on (vehicles with mirror defoggers)**

Do not touch the rear view mirror surfaces, as they can become very hot and burn you.

 **NOTICE**

- **To prevent 12 volt battery discharge**

Turn the defoggers off when the hybrid system is not operating.