

SECTION 2-9

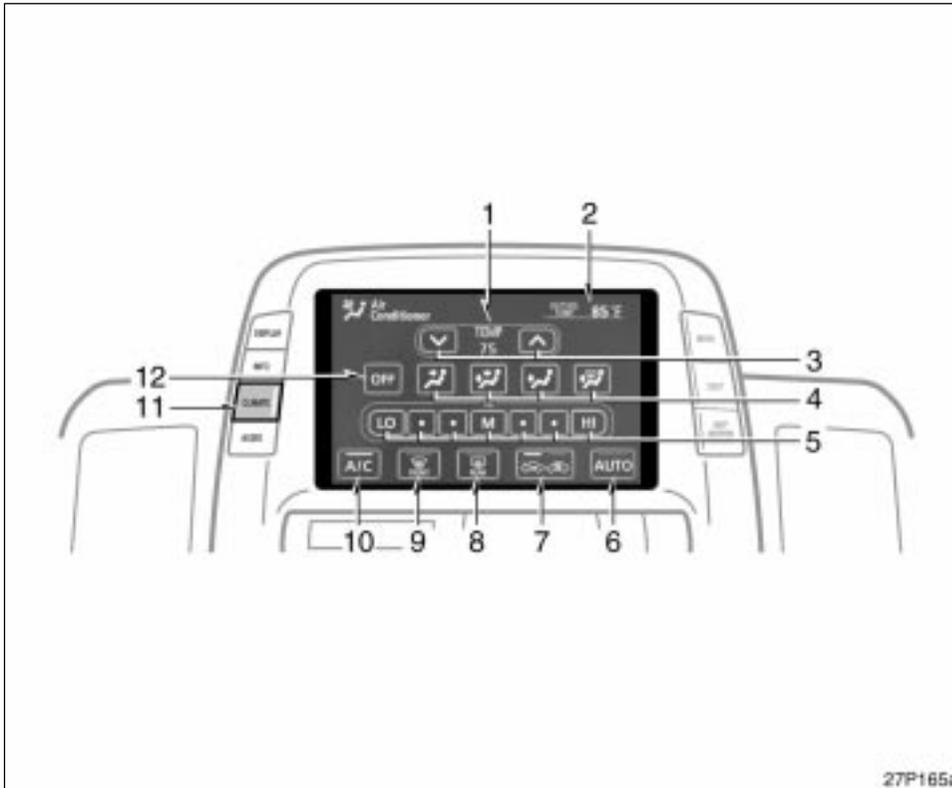
OPERATION OF INSTRUMENTS AND CONTROLS

Air conditioning system

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Controls

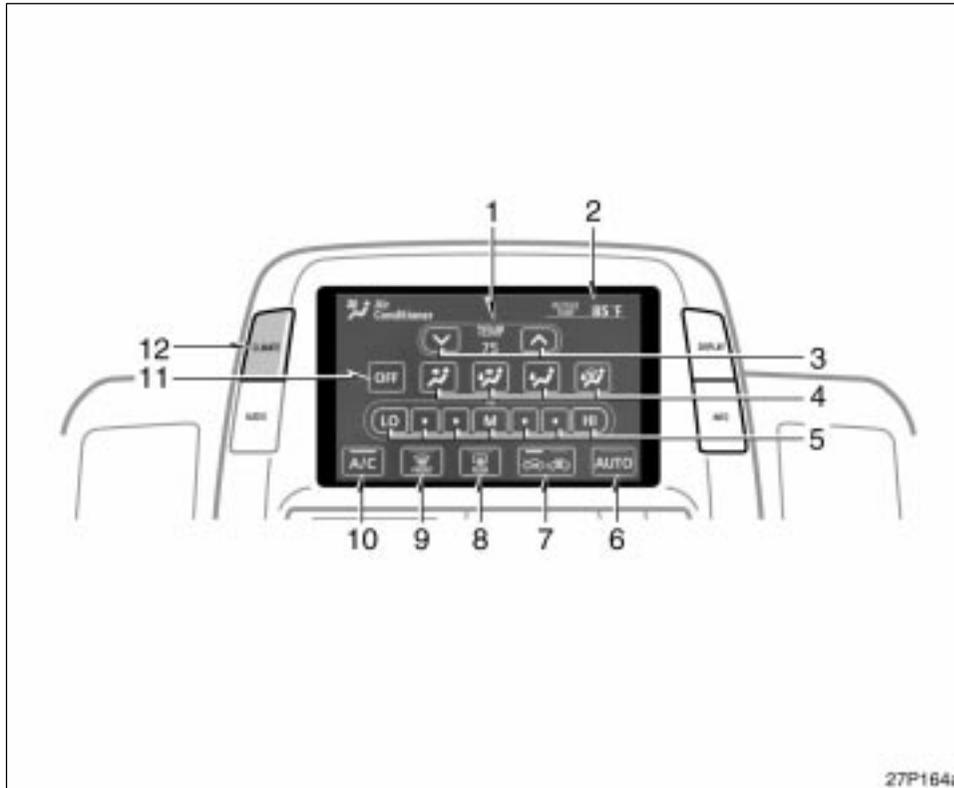
►Type 1



1. Passenger compartment temperature display
2. Outside temperature display
3. Temperature control switches
4. Air flow control switches
5. Fan speed control switches
6. Automatic control switch
7. Air intake control switch
8. Rear window and outside rear view mirror defogger switch (See page 118 for details.)
9. Windshield air flow switch
10. Air conditioning on-off switch
11. Air conditioning operation screen display button
12. "OFF" switch

In this manual, English version screens are shown as an example.

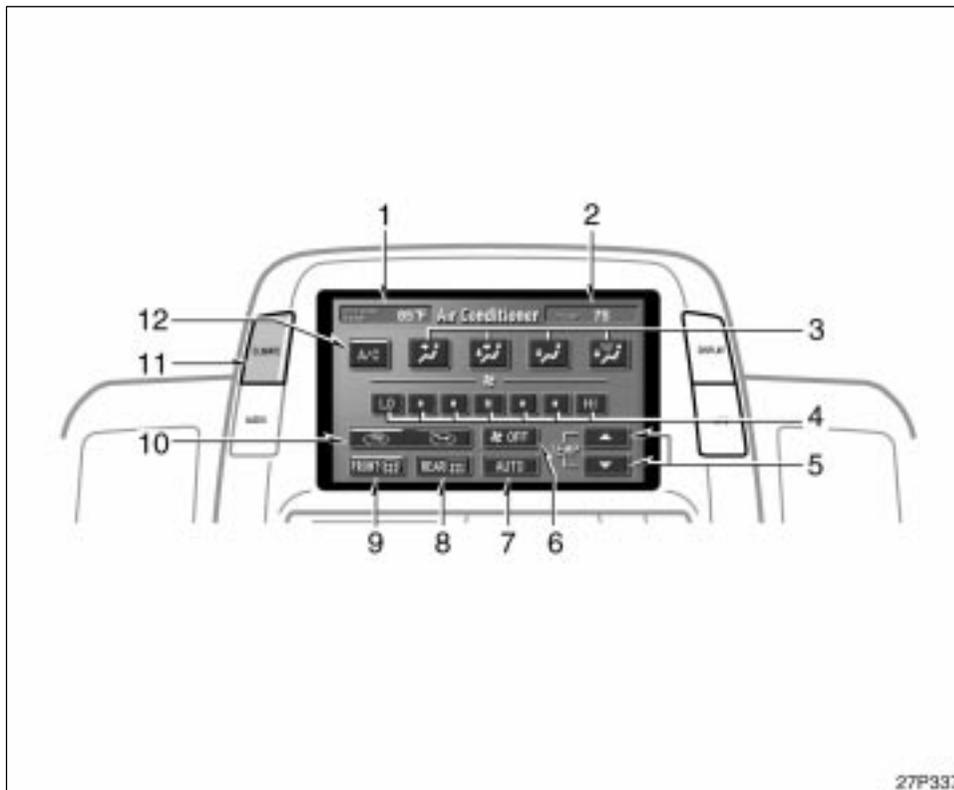
►Type 2



1. Passenger compartment temperature display
2. Outside temperature display
3. Temperature control switches
4. Air flow control switches
5. Fan speed control switches
6. Automatic control switch
7. Air intake control switch
8. Rear window and outside rear view mirror defogger switch (See page 118 for details.)
9. Windshield air flow switch
10. Air conditioning on-off switch
11. "OFF" switch
12. Air conditioning operation screen display button

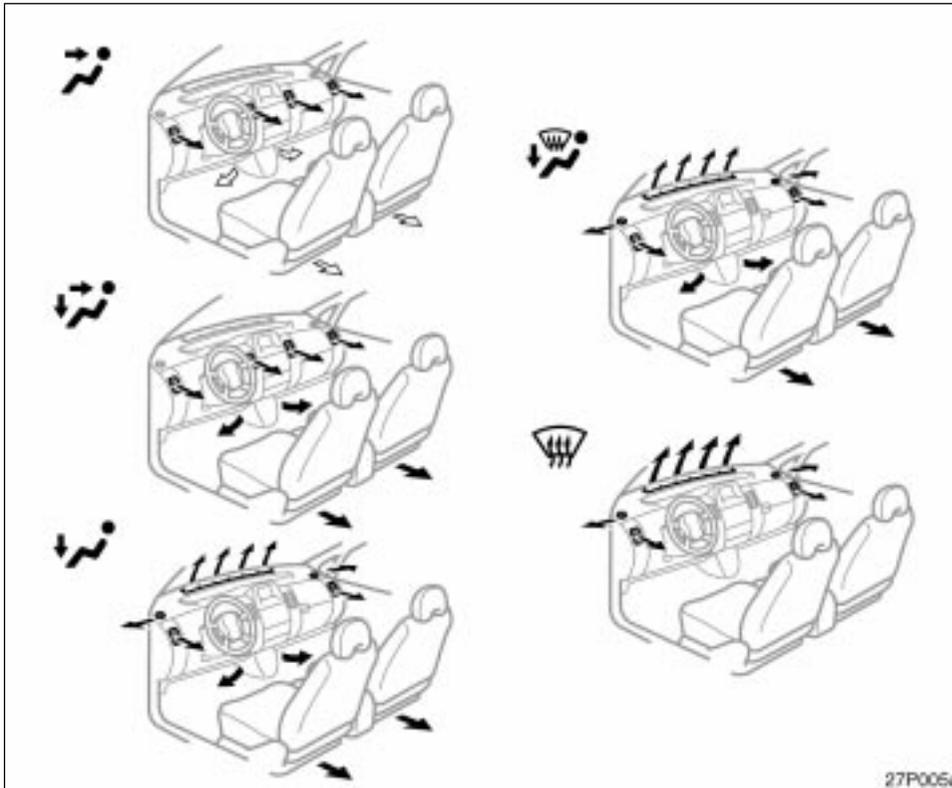
In this manual, English version screens are shown as an example.

►Type 3



1. Outside temperature display
2. Passenger compartment temperature display
3. Air flow control switches
4. Fan speed control switches
5. Temperature control switches
6. "OFF" switch
7. Automatic control switch
8. Rear window and outside rear view mirror defogger switch (See page 118 for details.)
9. Windshield air flow switch
10. Air intake control switch
11. Air conditioning operation screen display button
12. Air conditioning on-off switch

In this manual, English version screens are shown as an example.



Air flow selection

⇒: In the beginning of the automatic air flow mode, air might be delivered.

The automatic air conditioning automatically maintains the set temperature.

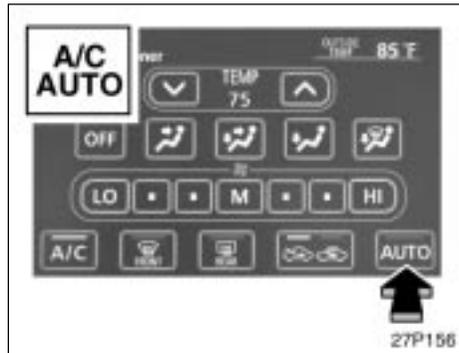
This air conditioning features automatic fan speed and air flow control which automatically selects the most suitable fan speed and air flow to control the temperature. The hybrid system must be in the "IG-ON" mode.

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

NOTICE

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

(a) Climate control



Type 1 and Type 2



Type 3

SETTING OPERATION—automatic control

1. Touch the “AUTO” switch.

The indicator located in the instrument cluster will come on.

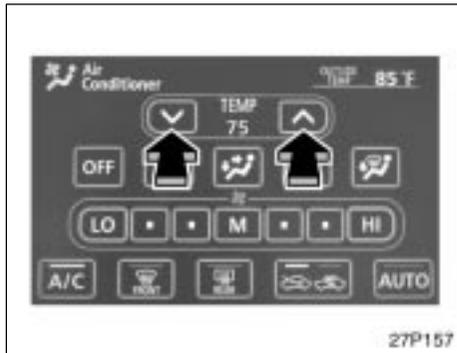
Air conditioning is turned on if not operated.

Air flow quantity, switching of the diffusers, and switching of the air intake between RECIRCULATED AIR and OUTSIDE AIR are automatically adjusted. The operation status is shown by each indicator.

However, if the RECIRCULATED AIR mode is selected manually, control changes to give priority to manual settings.

When one of the manual control buttons is depressed while operating in automatic mode, the mode relevant to the depressed button is set. Other conditions continue to be adjusted automatically. However, operating the air flow outlets or fan speed will turn off the automatic control.

Touch the “OFF” switch to turn the air conditioning off.



Type 1 and Type 2

2. Use the “TEMP” switch to set the desired temperature.

The temperature of air delivered to the passenger compartment will be controlled automatically according to the setting.

SETTING OPERATION—manual control

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



Type 3

If manual air flow selection is desired—



Type 1 and Type 2



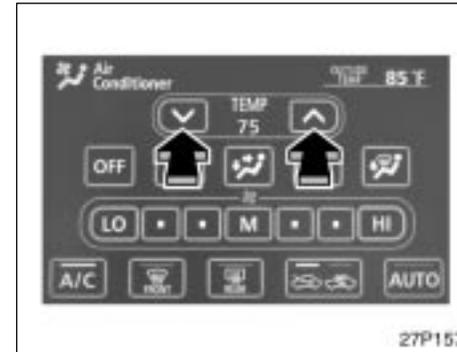
Type 3
294

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 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.

The selected mode is highlighted in green.

If quick heating or cooling is desired—



Type 1 and Type 2



Type 3

Touch the “TEMP” switches and hold either one until the maximum figure or minimum figure appears.

If manual fan speed control is desired—



Type 1 and Type 2



Type 3

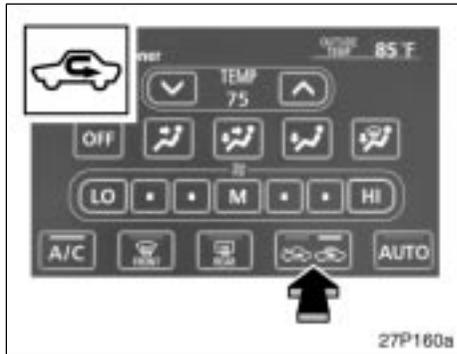
- 1. Fan speed at low**
- 2. Fan speed at high**

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. Touching the “OFF” switch turns off the fan.

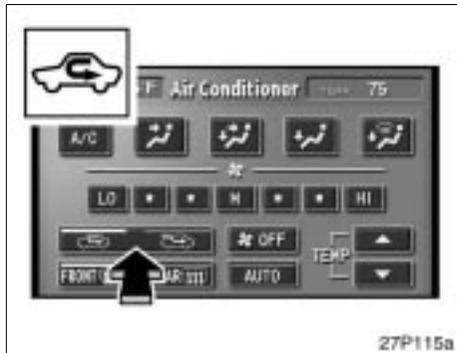
To remove exterior windshield frost, use the high speed setting.

The selected mode is highlighted in green.

If manual switching of air intake is desired—



Type 1 and Type 2



Type 3

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

With the switch in the OUTSIDE AIR mode, the system will take fresh outside air into the vehicle.

If quick circulation of cooled air is desired, touch the air intake control switch for RECIRCULATED AIR.

The indicator will come on in the instrument cluster while the RECIRCULATED AIR mode is selected.

If recirculated air is used during heating, the windows will fog up more easily.

If the hybrid system is turned off in the OUTSIDE AIR mode, the automatic control of the air intake is activated when the hybrid system is turned on again.

2-way air intake control

To improve fuel economy, **OUTSIDE AIR mode control changes when the air intake selector is set in OUTSIDE AIR on the following conditions:**

- When the maximum heating is needed with the air flow in “Floor” or “Floor/Windshield”, fresh air flows in the upper compartment, while air is recirculated in the lower compartment.
- When cooling is needed, both fresh and recirculate modes turns on.

(b) Windshield defogging and defrosting

If manual on-off of the air conditioning is desired—

Touch the “A/C” switch to turn the air conditioning on and touch it again to turn the air conditioning off.

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.



Type 1 and Type 2



Type 3

To remove interior fog on the windshield—

Touch the windshield air flow switch.

To remove frost or exterior fog on the windshield—

1. Touch the upper side of the temperature control switch until maximum figure appears on the temperature display.
2. Touch the windshield air flow switch.
3. Push the “HI” of the air flow control switch to obtain a maximum air flow.
4. Leave the air conditioning on-off button off.

When the windshield air flow switch is touched, the air conditioning is set to operate and the OUTSIDE AIR mode is set.

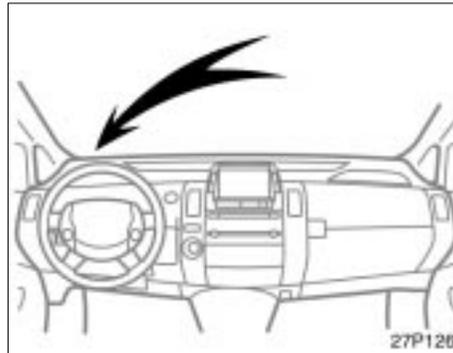
If you touch the windshield air flow switch once again while in the windshield air flow mode, the mode then returns to the last mode used.

The indicator will come on in the instrument cluster while the windshield air flow mode is on.

CAUTION

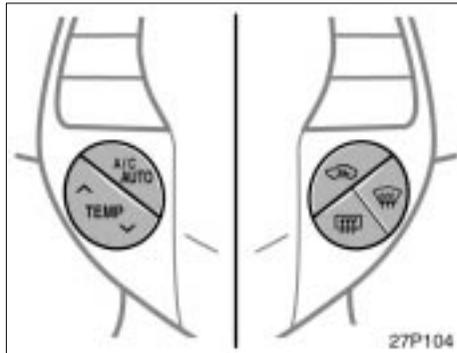
Do not use the windshield air flow switch during cooled air operation in extremely humid weather. The difference between the temperature of the outside air and that of the windshield could cause the outer surface of the windshield to fog up blocking your vision.

(c) Operating tips



- The light sensor is located on the driver's side edge of the instrument panel. If you put anything on this area or cover the area, the sensor function may be adversely affected.
- 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 OUTSIDE 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 selector be temporarily set to RECIRCULATE, which will close off the outside passage and prevent outside air and dust from entering the vehicle interior.

Climate remote control (steering switches)



The switches are installed on both sides of the steering pad.

“A/C AUTO” switch: Use this switch to turn on the automatic mode. (For details, see page 292.) Pressing this switch in the automatic control turns the blower off.

“^TEMPV” switch: Use this switch to set the desired temperature. (For details, see page 293.)

“” switch: Use this switch to change the air intake mode. (For details, see page 296.)

“” switch: Use this switch to remove interior fog on the windshield. (For details, see page 297.)

“” switch: Use this switch to turn on or off the rear window and outside rear view mirror defoggers. (For details, see page 118.)

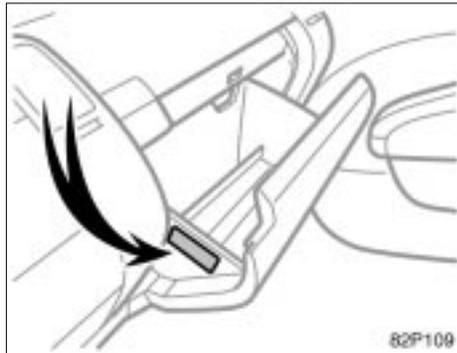


Instrument panel vents



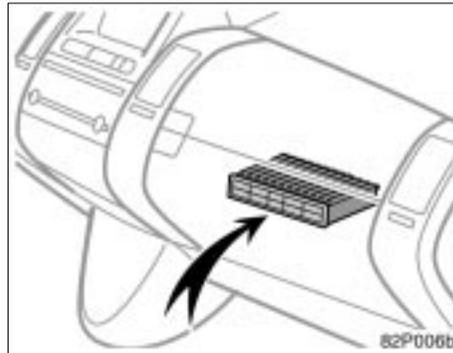
If air flow control is not satisfactory, check the instrument panel vents. The instrument panel vents may be opened or closed as shown.

Air conditioning filter—



The air conditioning filter information label is placed on the left side of 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 set behind the glove box.

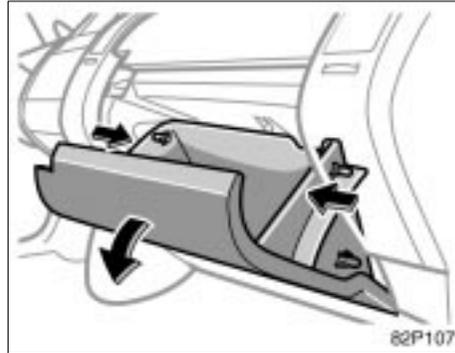
—Checking and replacing the air conditioning filter

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.

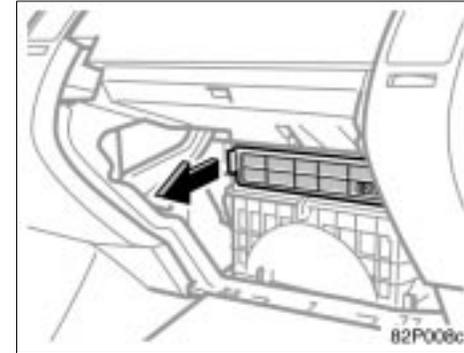
To maintain the air conditioning efficiency, inspect and replace the air conditioning filter according to the maintenance schedule. In dusty areas or areas with heavy traffic flow, such as inner city or desert areas, early replacement may be required. (For scheduled maintenance information, please refer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



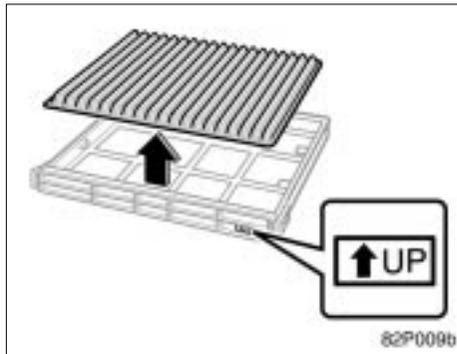
1. Open the glove box, and slide off the damper as shown.



2. Push in each side of the glove box to disconnect the claws.



3. Pull the filter case toward you to take it out.



4. Remove the filter from the filter case and replace it with a new one.

5. Install the filter and filter case in the reverse order of removal.

When setting the filter to the filter case, ensure that the flat side of the filter is down and the ribbed side is up.

Position the filter case so that the "▲UP" mark is pointing up and install it in the vehicle.

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.