

FOR PLEASANT DRIVING

AIRCON SYSTEM FOR MITSUBISHI FTO

These drawings are sourced from the Mitsubishi Gallant handbook. As far as I know the same climate controlled air-con system is used in the FTO. Apologies for loss of quality – it's the best I could get.

Dave Wilson

dave@mybit.demon.co.uk

http://www.mybit.demon.co.uk

Automatic air conditioning*

EH14A-Fg

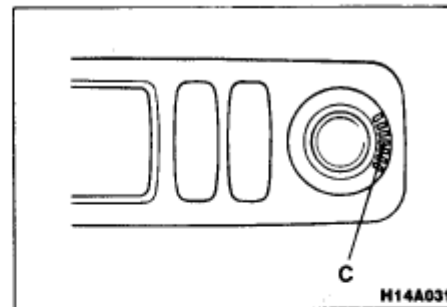
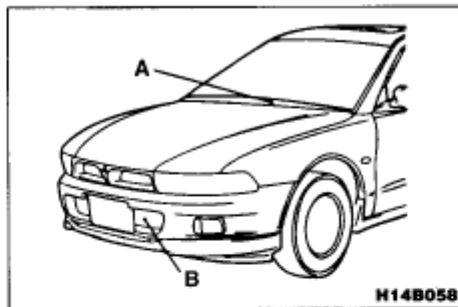
By simply pressing the "AUTO" button and select the desired temperature, the air conditioning operates to cool or warm automatically in order to maintain the selected temperature.

You can also operate it manually if necessary.

The air conditioning can only be operated while the engine is running.

⚠ CAUTION

When using the air conditioning, the idling speed is slightly increased. Therefore, take care when starting to move the vehicle.



NOTE

(1) There is a photo sensor, atmosphere temperature sensor and interior air temperature sensor inside the vehicle.

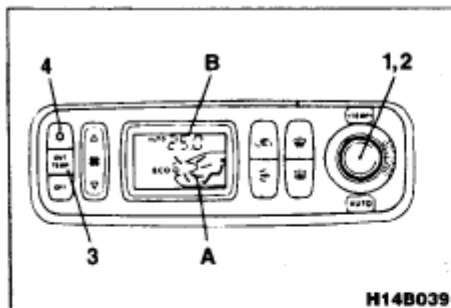
A - Photo sensor
B - Atmospheric temperature sensor
C - Interior air temperature sensor

Never place anything on top of the cover of these sensors, doing so will prevent them from functioning properly.

(2) A mist may be seen coming from the air outlets for a while during cooling. This is simply the result of humid air being suddenly cooled.

(3) The temperature setting and the button-selected air conditioning modes remain in the memory even after the engine has been switched off. However, disconnecting the cable from the battery terminal will erase all those stored in memory and set the temperature automatically at 25.0 °C (AUTO).

FOR PLEASANT DRIVING



Operating the system as an automatic air conditioning

EH14B-Xc

In normal conditions, use the system in the AUTO mode and follow these procedures:

- 1- Press the "AUTO" button. The indicator will illuminate and the outlet port (except and) , interior/exterior - air select and blower speed, and ON/OFF of air conditioning will be controlled automatically. The air conditioning compressor operation will change to (constant air conditioning operation).

A - Air flow indicator

- 2- Turn the "TEMP" dial to set the desired temperature.

The temperature can be set within a range of 17.0 °C to 32.0 °C. The temperature will gradually increase as the dial is turned to the right.

B - Set temperature display/Outside air temperature display
Press the "OUT TEMP" button (3), and the outside air temperature will be displayed. Press the button again, and the display will return to the set temperature. If the outside air temperature drops below 0 °C, the alarm is sounded and the outside air temperature is automatically displayed for a while.

NOTE

- (1) Set the temperature, under normal operating conditions, at around 25.0 °C.
- (2) When the vehicle is stopping or in some other cases when the outside air temperature sensor is likely to be influenced by the engine compartment heat, the sunshine reflected by the road surface, the displayed outside air temperature may be higher than the actual temperature.

- 3 - Press the button according to the need.

Every time the button is pressed, the mode changes from ECO to to stop; and simultaneously with this, the indicator changes as well.

ECO - Use this mode when humidity is low.
The air conditioning compressor is operated as required to make energy - saving operation.

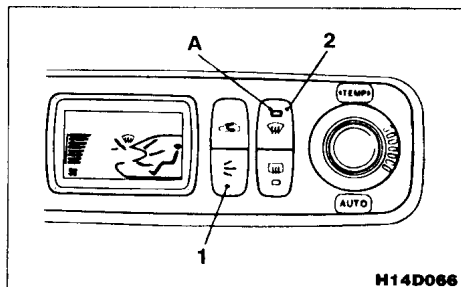
- Effectively used for dehumidification.
The air conditioning compressor is operated to perform air cooling and dehumidifying.

FOR PLEASANT DRIVING

Operating the system as a manual air conditioning

EH14C-M

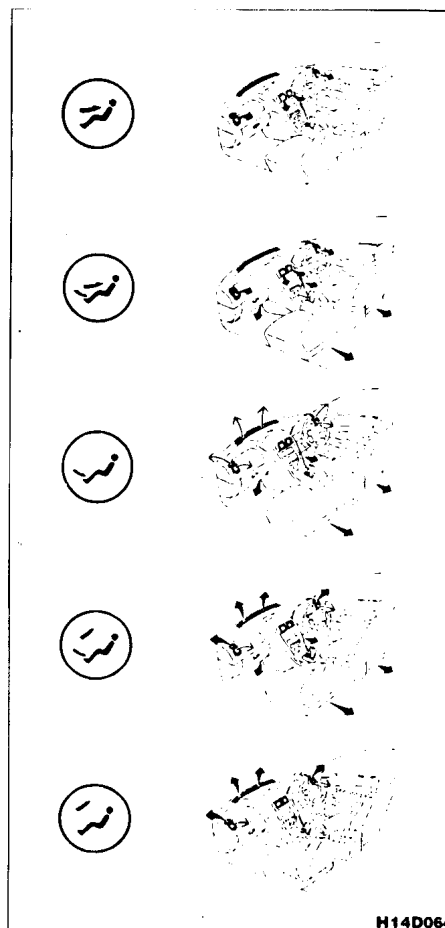
When the AUTO indicator is illuminated, if the air outlet selection, air selection, the blower speed selection or defrosting (❄) button is operated, the AUTO indicator goes out. But the system is still automatically controlled, except selected function which button is depressed (including the temperature setting). To return all operations to automatic operation, press the AUTO button again.








Change of mode selection


EH14D-I

The air outlet selection button (1) is pressed according to the need. Press the button, and the air outlet will be changed.



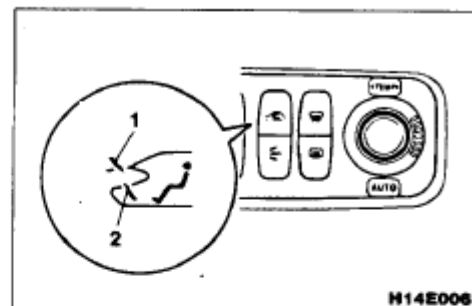
-  (Face position)
Air flows exclusively to the upper part of the passenger compartment.
-  (Bi-level position)
Air flows to the leg area and the upper part of the passenger compartment.
-  (Foot position)
Air flows exclusively to the front and rear leg areas.
-  (Foot/demister position)
Air flows exclusively to the front and rear leg areas, windscreen and door windows.
-  (Demister position)
Air flows exclusively to the windscreen and door windows.

NOTE

Press the  button, and the air conditioning will be automatically changed to ❄ (constant air conditioning operation)

Press the button (2), and all functions will be locked to the positions appropriate for defrosting. Press the button again, and the setting will be returned to the conditions which existed before accomplishment of setting for defrosting. The indication lamp (A) will illuminate while the defroster is on.

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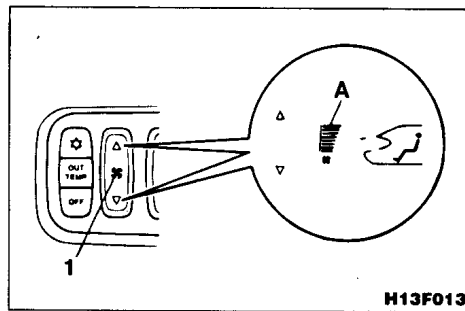


Change of air selection

EH14E-D6

Each time the button is pressed, the modes for inside air recirculation and outside air introduction alternate, and the indicators light alternately.

- 1 - Normally set the button in this position to allow external air to enter the passenger compartment. Use this position, to minimize window misting or while smoking.
- 2 - Air is recirculated inside the passenger compartment.
Set the button in this position to keep the interior air free of dust or other contaminants from the external air.



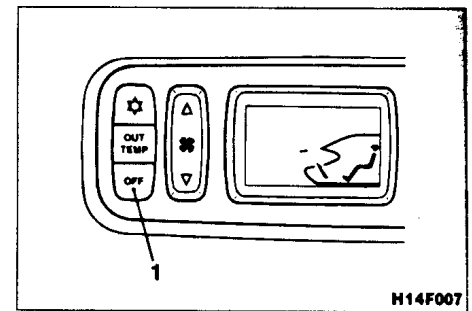
Change of the blower speed EH13F-Ca

Press the air flow rate selection button (1) to have the desirable air flow rate. The air flow rate is indicated by the air flow rate indicator (A).

- ▲ - Air flow rate increased
- ▼ - Air flow rate reduced

NOTE

Even if the air flow rate selection button is in the OFF position, air flow may be provided corresponding to the vehicle speed when the air selection button is in the outside air introduction mode.



To stop the air conditioning EH14F-E

Press the "OFF" button (1). All operations will stop except the change of air selection.

⚠ CAUTION

Set the button temporarily in the recirculation position (2) when fast cooldown or heating is required. If the button is left in this position any length of time, misting of the window glass may happen.

Important operation tips for air conditioning EH04J-Oc

EH04J-Oc

- (1) Park the vehicle in the shade. Parking under the hot sun will make the vehicle interior extremely hot, and it will require more to cool the interior. If it is necessary to park in the sun, open the windows for the first few minutes of air conditioning operation to expel the hot air.
- (2) Close the windows when the air conditioning is in use. The entry of exterior air through open windows will reduce the cooling efficiency.
- (3) Too much cooling is not good for the health. The inside air temperature should only be 5 to 6 °C below the outside air temperature.
- (4) When operating the system, make sure the air intake, which is located in front of the windshield, is free of obstructions such as leaves. Leaves collected in the air-intake plenum may reduce air flow and plug the plenum water drains.

Air conditioning system refrigerant and lubricant recommendations

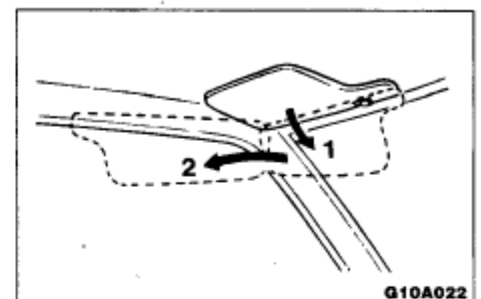
If the air conditioning seems less effective than usual, the cause might be a refrigerant leak. Have the system inspected by your authorized MITSUBISHI dealer.

The air conditioning system in your vehicle must be charged with the refrigerant HFC-134a and the lubricant SUN-PAG56. Use of any other refrigerant or lubricant will cause severe damage which will result in the need to replace your vehicle's entire air conditioning system. The release of refrigerant into the atmosphere is not recommended.

The new refrigerant HFC-134a in your vehicle will not harm the ozone layer. Mitsubishi Motors Corporation recommends that the refrigerant be recovered and recycled for further use.

During a long period of disuse

The air conditioning should be operated for at least five minutes each week, even in cold weather. This is to prevent poor lubrication of the compressor internal parts and to maintain the air conditioning in the best operating condition. If this procedure is not followed, the system may emit an unusual odour. This is not a fault to the system.



Sun visors EG10A-C

EG10A-C

- 1 - To eliminate front glare
- 2 - To eliminate side glare