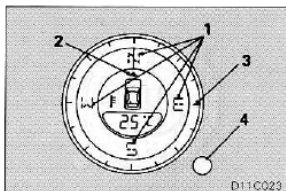


INSTRUMENTS & CONTROLS



CAUTION

Do not operate the altimeter while driving. It could be risky. Operate the altimeter while the vehicle is parked or let your front passenger operate it.



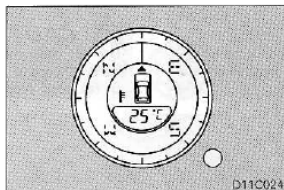
Electronic compass*

ED11C-1a

The electronic compass shows the direction of the vehicle by the 16 azimuth system when the ignition switch is placed in the "ON" position.

- 1 - Azimuth symbols (E, W, S and N stand for east, west, south and north, respectively)
- 2 - Travel direction indication
- 3 - Scale (one graduation is equal to 22.5 degrees.)
- 4 - Adjustment switch

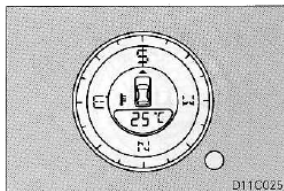
INSTRUMENTS & CONTROLS



How to read the electronic compass indications

1. Indications given when the vehicle is going north

The illustration shows that the vehicle is facing northeast.



2. Indications given when the vehicle is going south.

The illustration shows that the vehicle is facing true south.

NOTE

Setting the heater/air conditioning fan to its maximum speed may cause deviations in the direction indication. This is because the geomagnetic sensor in the electronic compass is adversely affected by the blower motor's magnetic field. This is not a malfunction. Set the fan to a lower speed and the compass indication will correct itself.

INSTRUMENTS & CONTROLS

Adjustment of the indicator

This electronic compass has two adjustment functions, namely, azimuth adjustment and declination adjustment functions.

NOTE

- (1) Do not make electronic compass adjustment when caught in a geomagnetic storm.
- (2) When the battery has been disconnected during repair, inspection, etc., be sure to make azimuth adjustment and declination adjustment.
- (3) If a mistake is made in electronic compass handling, stop the vehicle in a safe place. Then start the engine again, and the electronic compass will return to the original azimuth indication.
- (4) Do not install the ski rack, antenna, etc. which are attached to the vehicle by means of magnet. They affect the operation of the indicator.
- (5) If the electronic compass deviates from the correct indication soon after repeated adjustment, have the indicator checked at MITSUBISHI dealer.

CAUTION

It is dangerous to operate the electronic compass while driving the vehicle. Operate the electronic compass while the vehicle is not running or have it operated by a front seat passenger.

INSTRUMENTS & CONTROLS

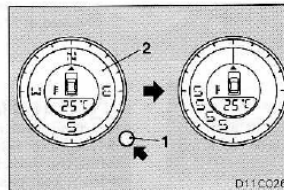
Azimuth Adjustment

The electronic compass may not indicate the correct azimuth in the places shown below, where the electronic compass is caught by a geomagnetic storm.

The electronic compass returns to the correct azimuth indication if the vehicle moves to the area where a geomagnetism is stabilized.

- (1) Tunnel
- (2) Areas along the railroad
- (3) Underpass
- (4) Transforming station
- (5) Area with many office buildings
- (6) Area over the subway

Should the electronic compass fails to indicate the correct azimuth, make azimuth adjustment by the following procedure.



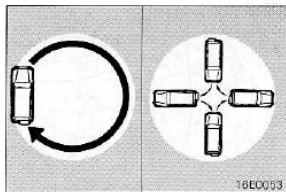
1. Press the adjustment switch (1) for about 1 second, and the display window (2) will indicate the symbol "S" at all the divisions of the scale.

Continue to press the switch, and all the symbols "S" except one will disappear and the remaining "S" will begin to revolve along the scale first clockwise then counter-clockwise.

NOTE

The clockwise and anticlockwise rotations of "S" are repeated alternately.

INSTRUMENTS & CONTROLS



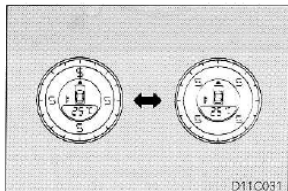
- In this state, turn the vehicle slowly through 360° in a safe, open space with no vehicle or building around. This will automatically complete the adjustment, showing the correct azimuth on the electronic compass. When there is no appropriate space for turning the vehicle, give one turn to the vehicle by steering clockwise and then counterclockwise or vice versa. (Azimuth adjustment can be made by turning the vehicle either clockwise or counterclockwise.)

NOTE

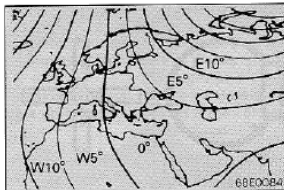
Upon completion of azimuth adjustment, the display in the display window will change from the one in which "☰" is revolving around to one which is of the same form as that displayed before pressing the adjustment switch.

NOTE

If the battery terminal is disconnected, the memory is erased and the displays given in the illustration appear alternately. In such a case, readjust the azimuth setting in accordance with the procedure given in Step 1 and 2.



INSTRUMENTS & CONTROLS

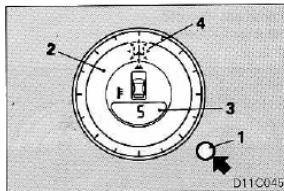


Declination adjustment

In some areas, the north of the electronic compass (magnetic north) deviates from the north on the map owing to inclination of the earth's axis. This deviation angle is called declination, and declination between 20° west and 20° east can be adjusted in increments of 5°.

NOTE

The declination differs from area to area and its distribution is roughly as shown in the illustration.

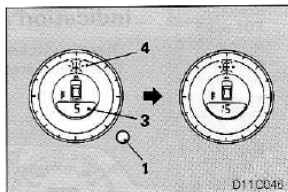


Examples

When the deviation of the north of the indicator (magnetic north) from the north on the map is 15° east:

- Press the adjustment switch (1) and the display window (2) will indicate the symbol "☰" at all the divisions of the scale. Continue to press the switch for more than 5 seconds, the current deflection correction amount will be indicated in the temperature display window (3) and the symbol "☰" (west) or "☷" (east) will blink in the azimuth display window (4) to indicate the direction of the correction.
<Example: ☷ in the illustration shows that the deflection correction is set 5° to the west.>

INSTRUMENTS & CONTROLS



2. Every time the adjustment switch (1) is pressed, the amount corrected changes in increments of 5 degrees. Set for ± 5 (15° for east) while observing the azimuth display window (4) and the temperature display window (3).

NOTE

The display window changes its indication automatically in increments of 5 degrees if the adjustment switch (1) is kept depressed and stops changing when the switch is released.

3. Turn the ignition switch to the "ACC" or "LOCK" position, and the declination adjustment will be completed. Turn the ignition switch to the "ON" position again to restore the normal display.

NOTE

Disconnecting the battery terminal causes the memory to be erased. If it has been disconnected, readjust the declination correction amount by following the procedure given in (1) through (3).