

CALIBRATION

1. SELECTING COMPASS DISPLAY MODE

The mode select switch allows you to select the Display or Non-display mode of the compass.

2. SETTING ZONE

Deviation between the "magnetic north" and "actual north" differs depending on the terrestrial location. Therefore, adjustment of the magnetism is required. Since the magnetic condition differs depending on the area where the vehicle is used, it is necessary for each user to set the zone. (Refer to Compass Zone Map). The zone setting can be changed using the E/M switch of the display.

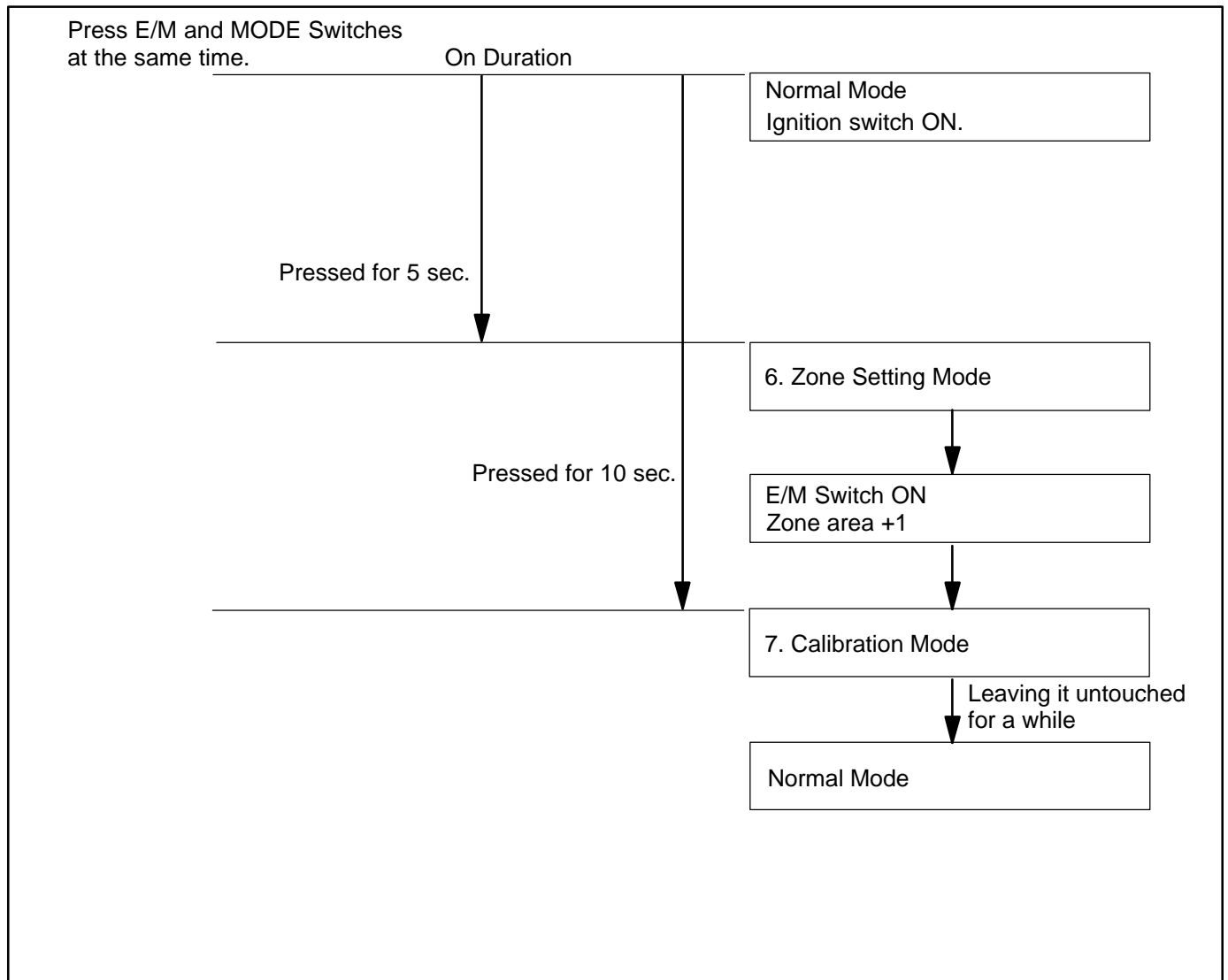
3. PERFORMING CALIBRATION

Because each vehicle has its own magnetic field, calibration should be performed for each vehicle. This compass function is used when storing the record of the vehicle's magnetic field.

4. WHEN COMPASS MAGNETIZED:

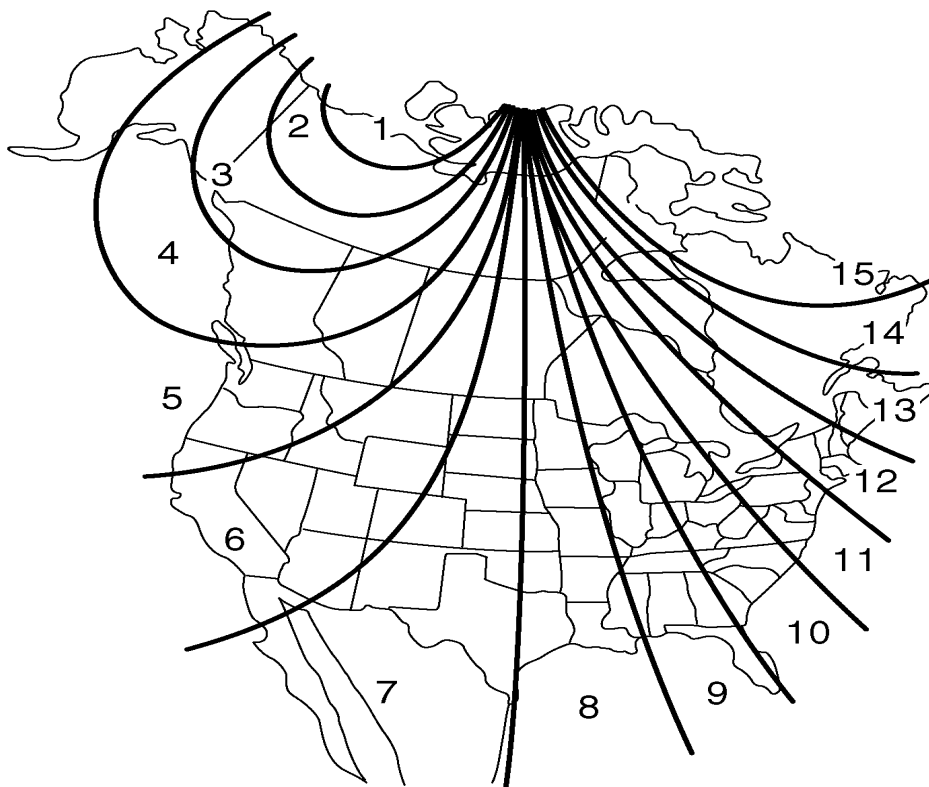
A compass could be magnetized during shipping by vessels or freight cars. Therefore, make sure to perform calibration and ensure that calibration is performed properly before delivery. If it cannot be done (cannot complete in spite of driving round several times), it may be caused by magnetization. Demagnetize the vehicle using a demagnetizer and perform calibration again.

5. SETTING COMPASS



6. ZONE SETTING MODE

- (a) Turn the ignition switch ON.
- (b) To keep pressing the E/M switch and MODE switch for 5 seconds when outer temperature is displayed will activate the zone setting mode. A number (1 to 15) is displayed on the compass display.



HINT:

In the initial status, "8" is displayed.

- (c) The displayed number increases +1 every time the E/M switch is pressed. Referring to the map, check the number for the area where the vehicle will be used and set the zone number.
- (d) Leave it untouched for several seconds after setting and check that the compass display shows an azimuthal direction (N, NE, E, SE, S, SW, W, or NW) or "VAR".

7. CALIBRATION SETTING MODE

- (a) After the set zone is displayed, if the E/M switch and MODE switch remains pressed another 5 seconds will activate the calibration setting mode.
- (b) To keep pressing the E/M switch and MODE switch for 10 seconds when outer temperature is displayed will also activate this mode.
- (c) Drive the vehicle at a slow speed of 8 km/h (5 mph) or less in the circular direction.
- (d) Driving round the circle 1 to 3 times will display the azimuthal direction on the display, completing the calibration.

HINT:

After the calibration is completed, it is not necessary to perform the above procedures unless the magnetic field strength is drastically changed. If this happens, the azimuthal display will be changed to "CAL".