

COMPASS

BE129-01

PRE-CHECK

1. SELECTING COMPASS DISPLAY MODE

The mode select switch allows you to select a Display or Non-display mode of the compass. The mode select is operated by the automatic glare-proof / non-glare proof switch on the inner mirror.

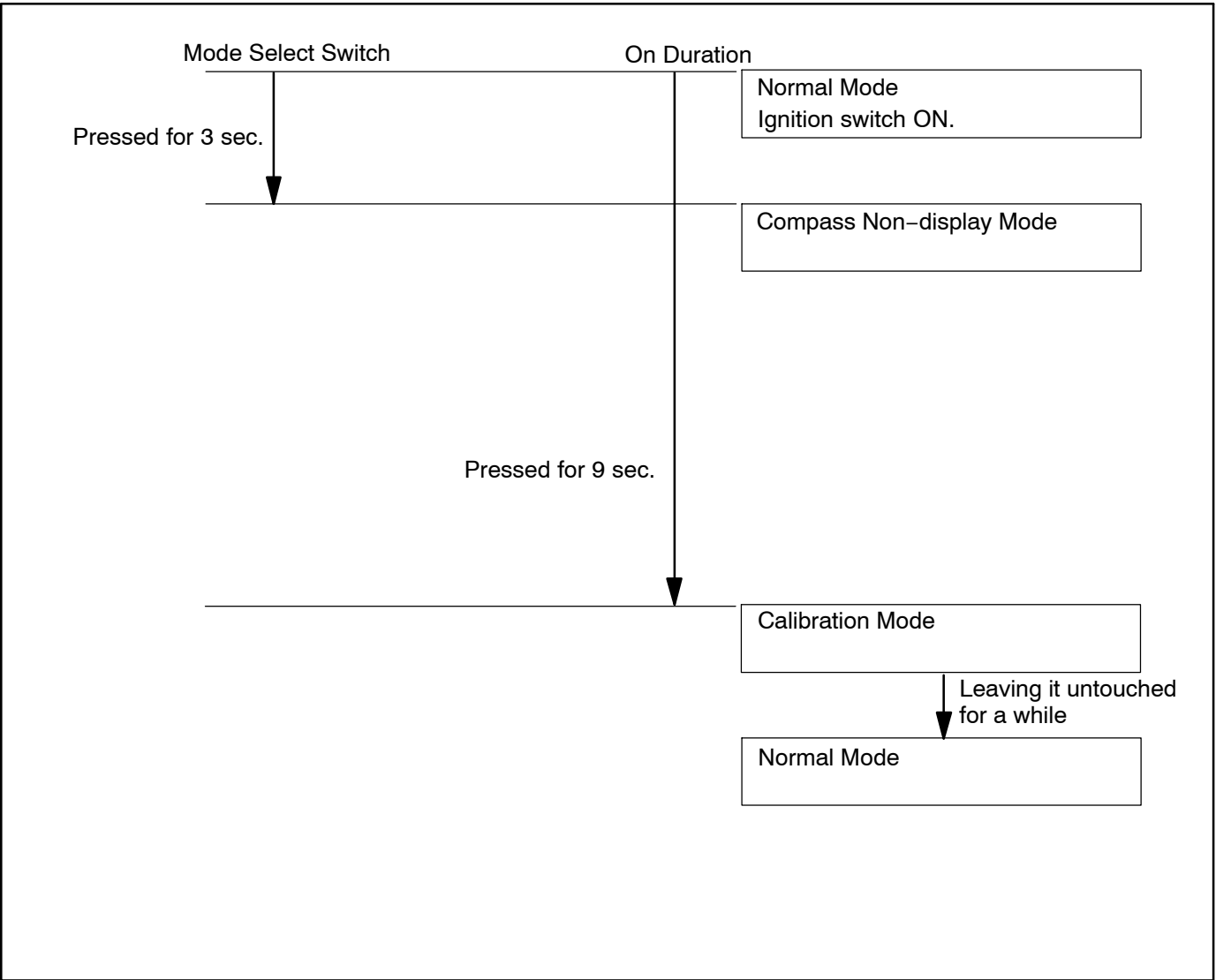
2. PERFORMING CALIBRATION

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.

3. WHEN COMPASS MAGNETIZED:

A compass could be magnetized during shipping by vessels or freight cars. Before delivery, therefore, make sure to perform calibration and ensure that calibration can be done. 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.

4. SETTING COMPASS



5. SELECTING DISPLAY MODE

- (a) Turn the ignition switch ON.
- (b) Check that the LED on the inner mirror is lit (green).
- (c) Check that the compass display indicates an azimuthal direction (N, NE, E, SE, S, SW, W, or NW) or "C".
- (d) Pressing the mode select switch on the inner mirror for 3 sec. or more erases the above mentioned display and activates the Non-display mode.

HINT:

- Immediately after pressing the mode select switch, the LED goes off activating the Non-glare-proof mode. However, when the switch remains pressed, the LED is lit again after 3 sec. and the system enters the automatic glare-proof mode.

6. CALIBRATION SETTING MODE

- (a) Pressing the mode select switch for 9 sec. while in the normal mode will activate the calibration setting mode.
- (b) Drive the vehicle at a slow speed of 8 km/h (5MPH) or less in the circular direction.
- (c) Driving round the circle 1 to 3 times will display the azimuthal direction on the display, completing the calibration.

HINT:

Once 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 "C".

BE-72

BODY ELECTRICAL - COMPASS

-MEMO-

Author :

Date :

1972