**COMPASS REFERENCE GUIDE**

**START**

Make sure vehicle is running or key is turned to the "on" position to ensure mirror is receiving power.

Is there a display in compass window?

Press compass display button (if available).

Does the compass display read "C"?

Is the incorrect direction displayed?

SET ZONE:
1. Press and hold compass display / power button (if available).
2. Release button when zone number (1-15) is displayed.
3. Use zone map to verify your location.
4. Use compass display / power button to select correct zone.
5. Allow selected zone to clear from display.
6. Press and hold compass display / power button until "C" is displayed

ENSURE:
1. EC mirror harness power wire is securely tapped into OEM harness.
2. Ignition wire is receiving +12V.
3. Ground wire is securely attached to vehicle ground.

Contact OEM dealership for replacement harness.

YES

STILL NO

NO

Is the zone location set to your location?

Is the mirror receiving +12V?

CALIBRATE:
Follow calibration instructions listed.

Compass functions to design intent.

*OEM = Original Equipment Manufacturer (ex. Ford, GM, etc)

* This is intended as a tool for self-diagnosis. Gentex advises contacting your local dealership for assistance.
How to Troubleshoot Your Compass Mirror

Calibration instructions:

1) If the compass display reads “C” the compass feature must be calibrated.
   a) To calibrate the compass, drive the vehicle in up to 3 complete circles at less than 5mph.

Setting the Correct Zone

1. Press the power button (if available) for more than 9 seconds, or until the current Zone.
2. Find your current location and variance Zone Number on the zone map on the pages below.
3. Press the power button (if available) until the new desired Zone Number appears in the display.
4. Within a few seconds a compass direction will be displayed and the new zone is set.

Note: It is recommended to take your vehicle to your local dealership if your mirror does not have a power button.

Note: Installing items such as a ski rack, antenna, luggage rack, or recent body repair can cause changes to the vehicle’s magnetic field. This may require that the compass be recalibrated by performing the recalibration procedure.
Magnetic Zone Variation Map
Map Data (for reference only): USGS, National Atlas of the United States, World Boundary Data Bank II
Magnetic Field Data: NOAA/NCEI
WMM2020 (Data for 2025)
© 2016, 2019 Gentex Corporation
Magnetic Zone Variation Map
Map Data (for reference only): USGS, National Atlas of the United States, World Boundary Data Bank II
Magnetic Field Data: NOAA/NCEI
WMM2020 (Data for 2025)
© 2016, 2019 Gentex Corporation