

Initial Calibration of Compass During PDS

Service Category General

Section Pre-Delivery Service

Market USA

Toyota Supports ASE Certification

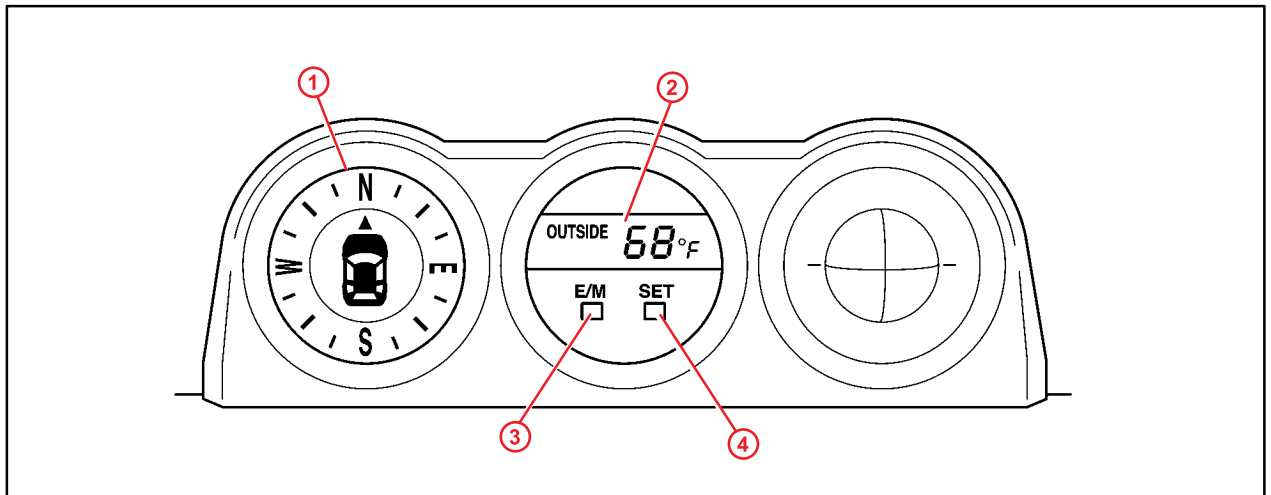
Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010	FJ Cruiser	

Introduction

Some 2010 model year FJ Cruiser vehicles are equipped with a compass in the accessory meter. Use the following procedures to complete initial calibration of the compass during Pre-Delivery Service (PDS).

Figure 1. Accessory Meter



1	Compass
2	Outside Temperature Display

3	E/M Button
4	SET Button

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Initial Calibration of Compass During PDS

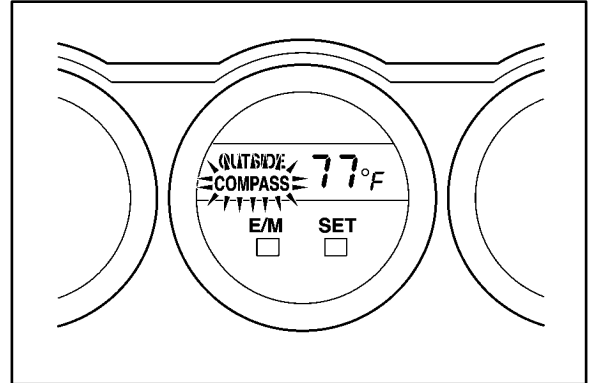
Deviation Calibration Procedure

1. Cycle the ignition switch to the "IG-ON" position.

NOTE

The "COMPASS" indicator should be blinking on the outside temperature display.

Figure 2.

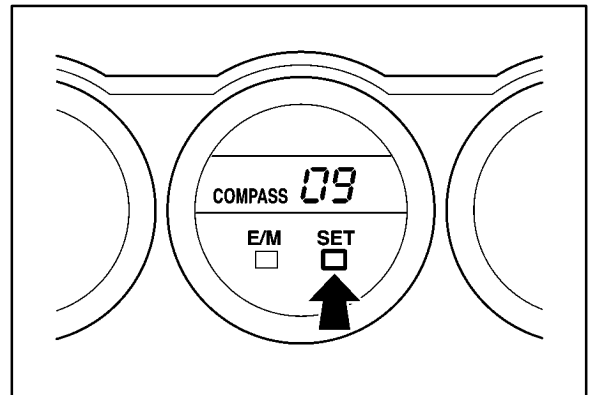


2. Switch the mode to Compass Correction mode by pushing the "SET" button for about 2 seconds until the zone number appears on the outside temperature display.

NOTE

If step 3 is NOT performed within 6 seconds while in Compass Correction mode, the calibration is canceled, and the display returns to the outside temperature indication.

Figure 3.



Initial Calibration of Compass During PDS

Deviation Calibration Procedure (Continued)

3. Refer to the map (figure 5) to determine the vehicle's location and select the correct zone number by pushing the "E/M" button.

NOTICE
After calibration, do NOT press any buttons for 6 seconds.

Figure 4.

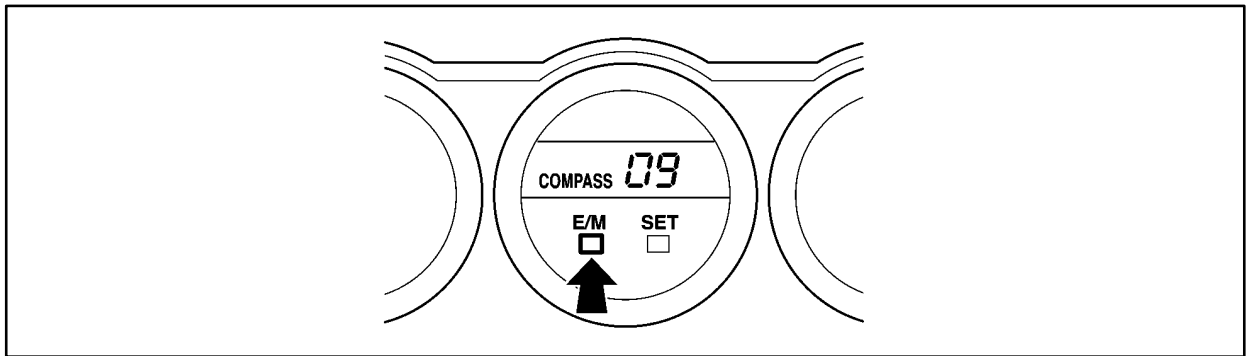
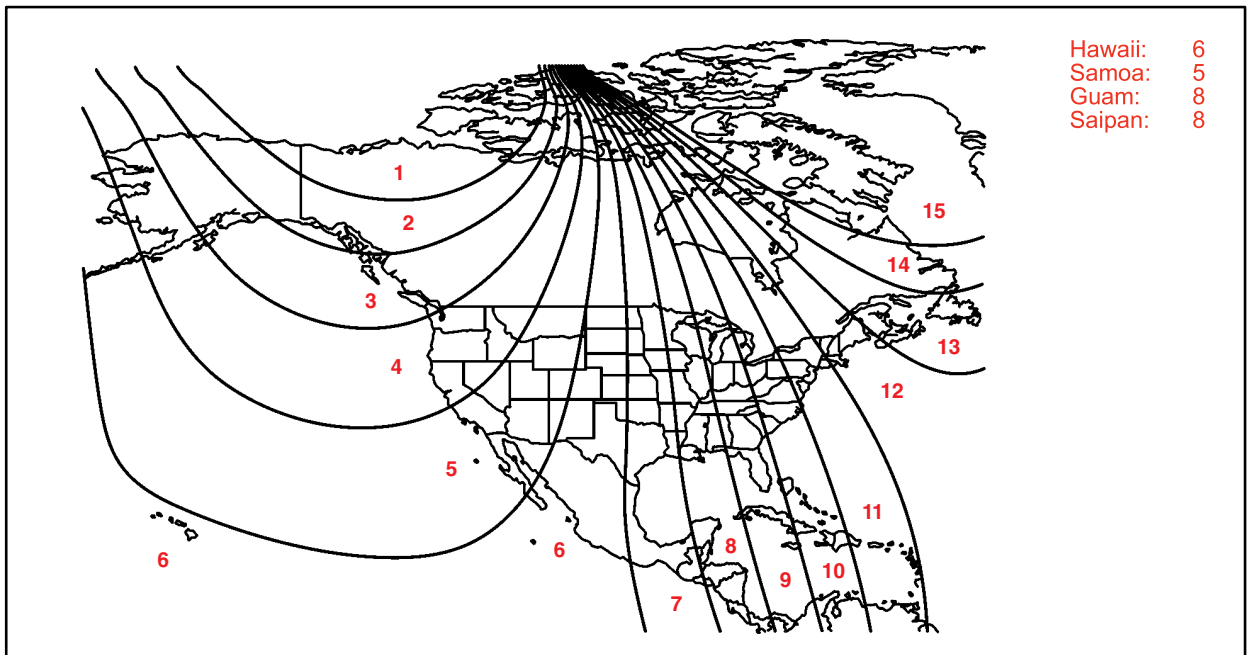


Figure 5. North America



4. Once the correct zone is selected, wait until display returns to the outside temperature display

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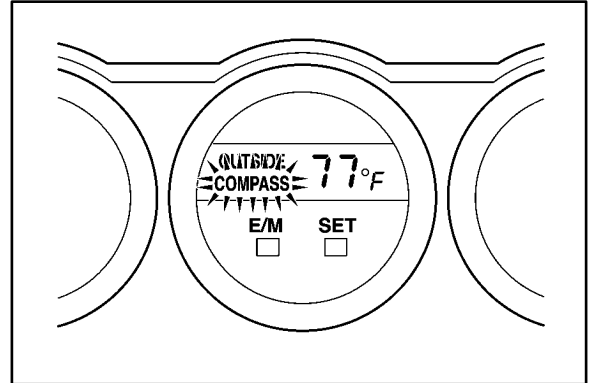
Circling Calibration Procedure

1. Start the engine.

NOTE

The "COMPASS" indicator should be blinking on the outside temperature display.

Figure 6.

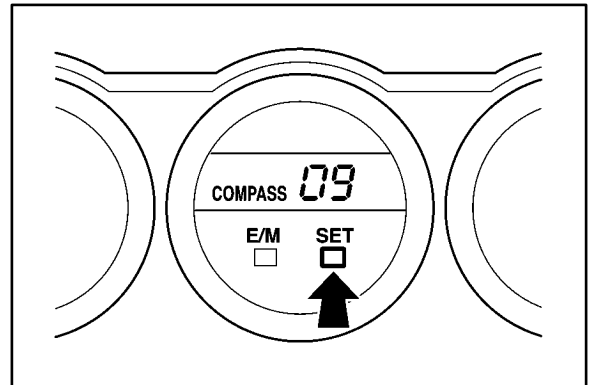


2. Switch the mode to the Compass Correction mode by pushing the "SET" button for about 2 seconds until the zone number appears on the outside temperature display.

NOTE

If step 3 is NOT performed within 6 seconds while in Compass Correction mode, the calibration is canceled, and the display returns to the outside temperature indication.

Figure 7.



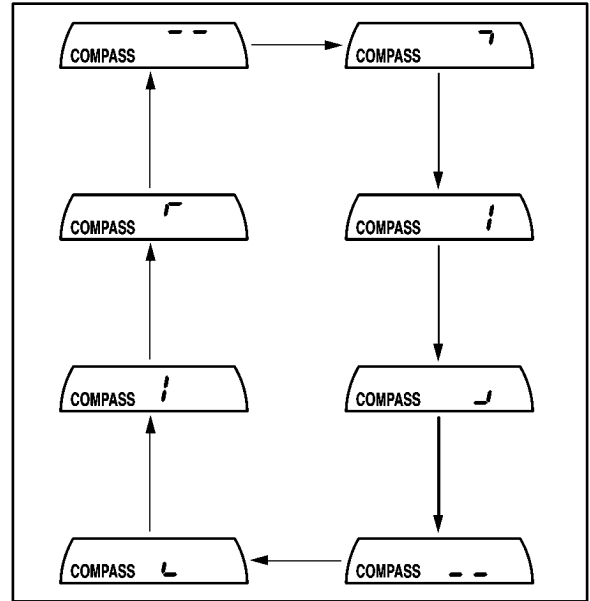
Initial Calibration of Compass During PDS

Circling Calibration Procedure (Continued)

- Push the "SET" button again to change the mode to the Turn Correction mode.

NOTE
While in the Turn Correction mode, the indication bars move as shown in the illustration.

Figure 8.



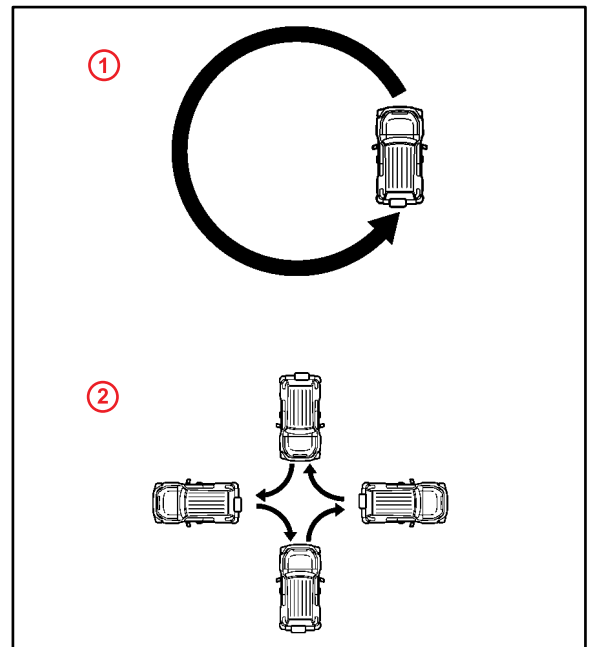
- Drive the vehicle in a circle at 5 mph (8 km/h) or less. If there is NOT enough space to drive in a circle, turn the vehicle around as shown, doing a four-point turn.

When the compass display returns to the outside temperature display, the calibration is complete.

NOTE

- Do NOT perform calibration of the compass in a place where the Earth's magnetic field is subject to interference by artificial magnetic fields (underground parking, under a steel tower, between buildings, roof parking, near a crossing, near a large vehicle, etc.)
- During calibration, do NOT operate electric systems (moon roof, power windows, etc.) as they may interfere with the calibration.
- If the correct direction is NOT displayed after driving the vehicle as specified, change the vehicle location.

Figure 9.



- Check that the COMPASS indicator is NOT blinking and that the compass is displayed normally.