



## Technical Service Information Bulletin

March 6, 2006

Title:

# INITIAL CALIBRATION OF COMPASS DURING PDS

Models:

'07 ES 350

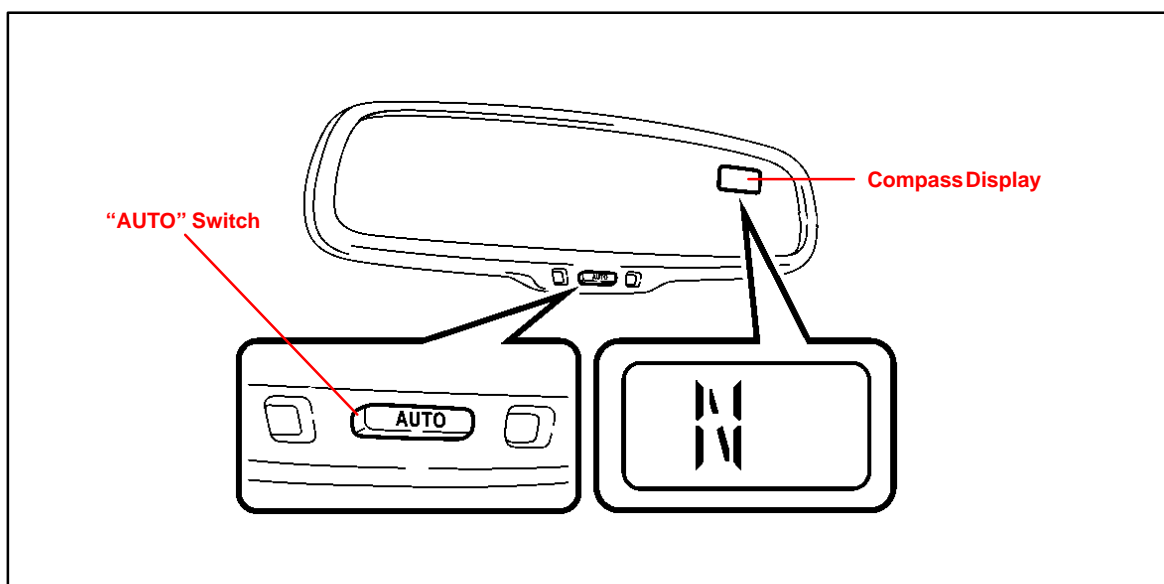
PD020-06

PRE-DELIVERY SERVICE

**Introduction** The compass indicates the direction that the vehicle is heading by detecting the direction and strength of the Earth's magnetic field and processing this data using the compass sensor and microcomputer.

Detection of the direction and strength of the Earth's magnetic field varies according to the area in which the vehicle is used and is affected by the residual magnetism of the vehicle. For this reason, the geographic direction displayed may also deviate from the direction determined by the Earth's magnetic field according to the area in which the vehicle is used.

Perform the initial calibration of the compass in your dealership prior to delivery to customers.



### Applicable Vehicles

- 2007 model year **ES 350** vehicles.

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—



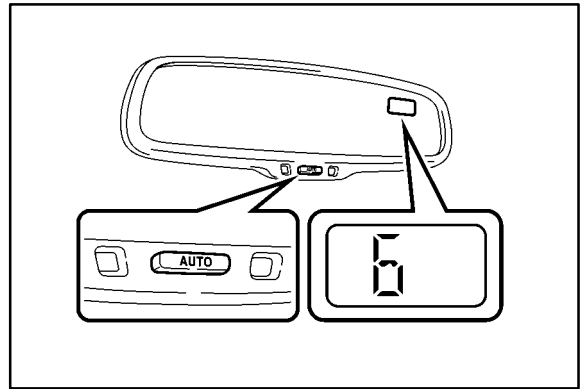
Lexus Supports ASE Certification

### Compass Calibration Procedure

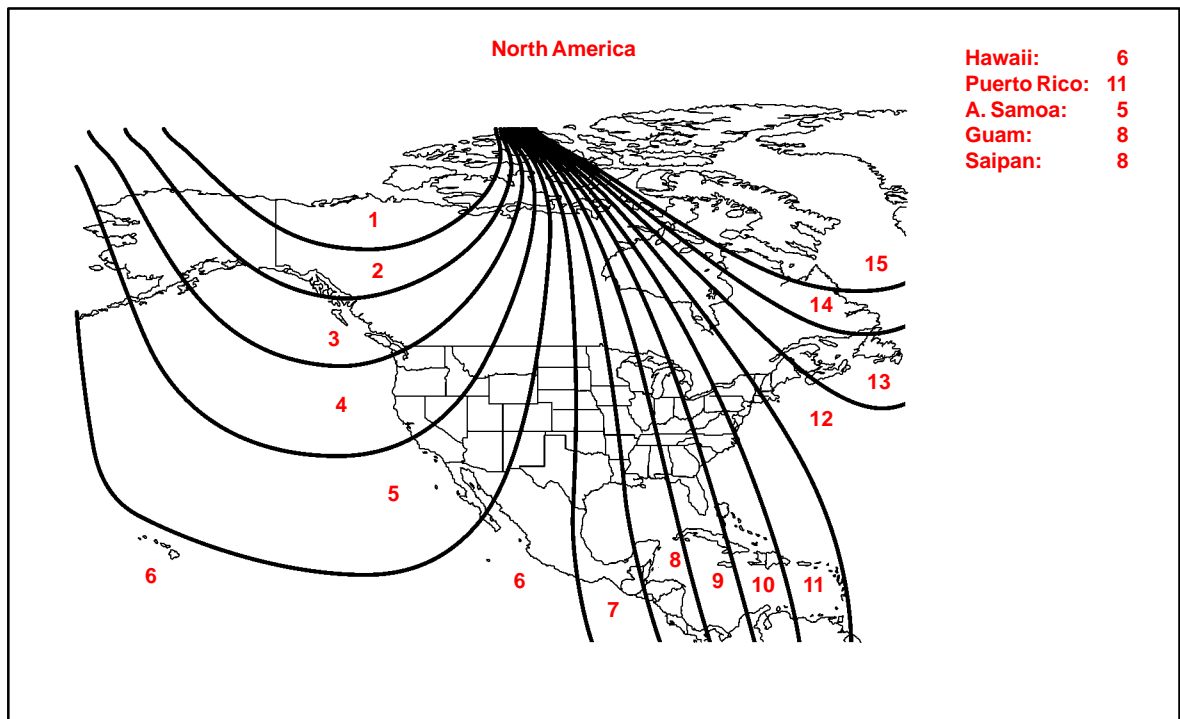
1. Turn the engine switch to the "IG-ON" mode, and push and hold the "AUTO" switch for 6 seconds until the zone number (1 – 15) appears on the display. Then push the switch to select the number of the zone where the vehicle is located.

#### NOTE:

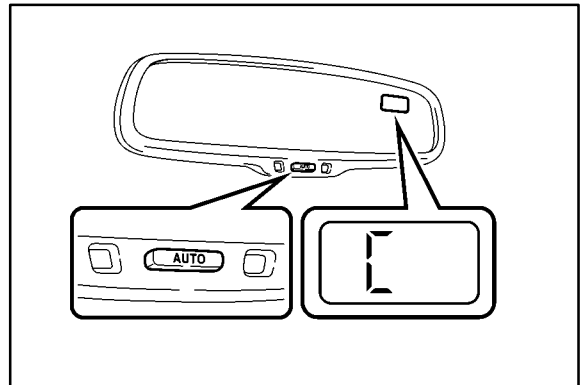
Pushing the "AUTO" switch for 3 seconds turns the compass display ON or OFF.



See the map below for zone reference.



2. Start the engine, and push and hold the "AUTO" switch for 9 seconds until "C" appears on the display.



**Compass  
Calibration  
Procedure**  
(Continued)

3. Drive the vehicle slowly at 5 mph (8 km/hr), or less, in a circle until the direction is displayed. If there is not enough space to drive in a circle, drive around the block (doing 2 three-point turns in succession) until the direction is displayed.

After driving in 1 to 3 circles, calibration is complete when the direction is shown on the display.

**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 railroad 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.

