



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** No GPS Signal Displayed or Navigation System Does Not Recognize Location of Vehicle

**Models:** 2015 Chevrolet Corvette  
Equipped with Vehicle Performance Data System (RPO UQT)

**Attention:** This PI also applies to the above models that may be Export vehicles.

*This PI has been revised to update the Condition/Concern and the Recommendation/Instructions. Please discard PI1380.*

### Condition/Concern

Some customers may comment that the navigation system does not recognize the location of the vehicle. The customer may notice there is no GPS symbol displayed on the center stack display screen.

This may be caused by the software within the Vehicle Performance Data System and in certain cases the front view camera's coax cable may emit interference that reduces the satellite antenna's performance.

### Recommendation/Instructions

There may one or two sets of conditions that may correct these concerns. The first condition is an updated software calibration that has been released for the Vehicle Performance Data Recorder. The second recommendation is the installation of an aluminum foil tape over the B174 vehicle performance frontview camera coax cable. The courtesy lamp harness should be repositioned away from the camera coax cable as well.

Follow the instructions listed below:

#### Updated Software Calibration

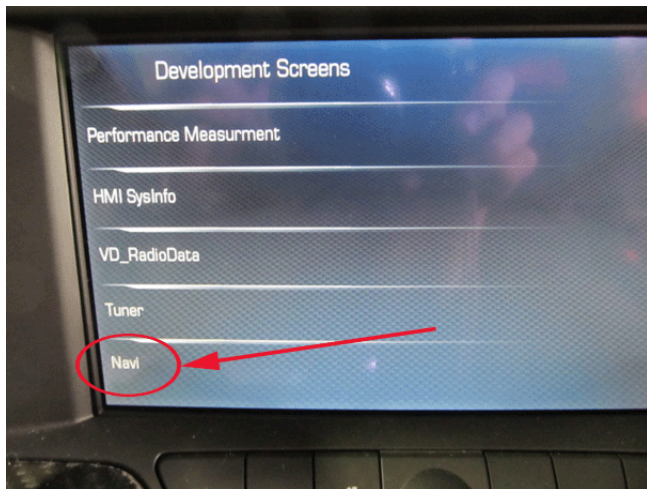
**Important:** Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming.

**Important:** During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

1. Install the EL-49642 SPS Programming Support Tool.
2. Access the Service Programming System (SPS) and follow the on-screen instructions.  
**Note:** This procedure requires the use of a formatted Class 6 or higher branded SD memory card and USB to SD card adapter or a USB memory stick, SD card and PC equipped with a SD port and USB port. The SD card and/or USB memory stick will be erased prior to loading the programming files. Insert the USB to SD card adapter and SD card or USB memory stick into the PC when prompted by SPS. If the USB memory stick to SD card method is used, transfer the programming files from the USB memory stick to the SD card using a PC equipped with a SD port and USB port. Refer to Software Update Procedure if the programming event fails.
3. On the SPS Supported Controllers screen, select the Vehicle Performance Data Recorder – Programming and follow the on-screen instructions.
4. Remove the SD card and adapter from the PC.
5. Turn ON the performance data recorder system and insert the SD card into the K20 Memory Card Receptacle in the glove compartment.
6. Follow the on-screen instructions. Refer to the PDR Software Update Procedure for a full description of the process.
7. Remove the SD card from the K20 Memory Card Receptacle after programming the module.
8. Drive the vehicle into an open area so satellite connection may be obtained.



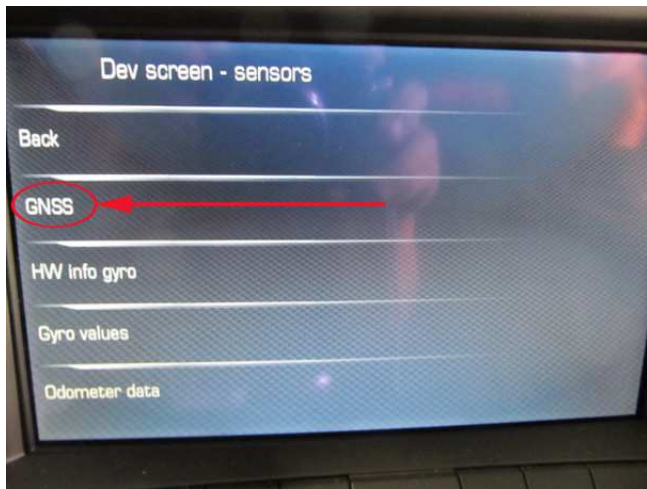
9. Simultaneously press and hold the Home, Menu and Power buttons to enter into the Development Screen on the Radio display.



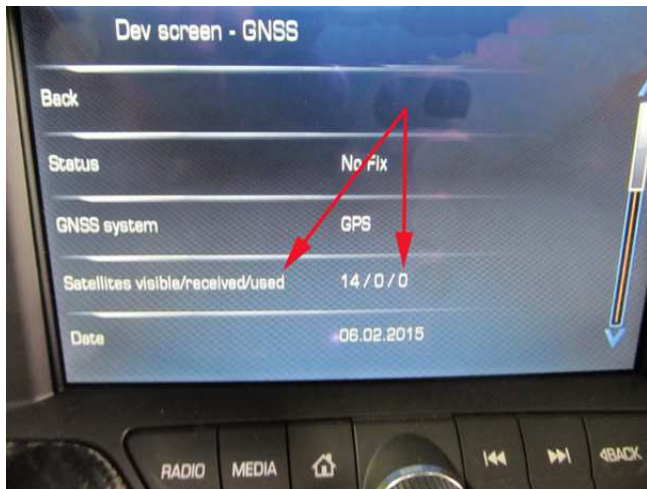
10. Then select the Navi option.



11. Select the Sensors option.



12. Select the GNSS option.

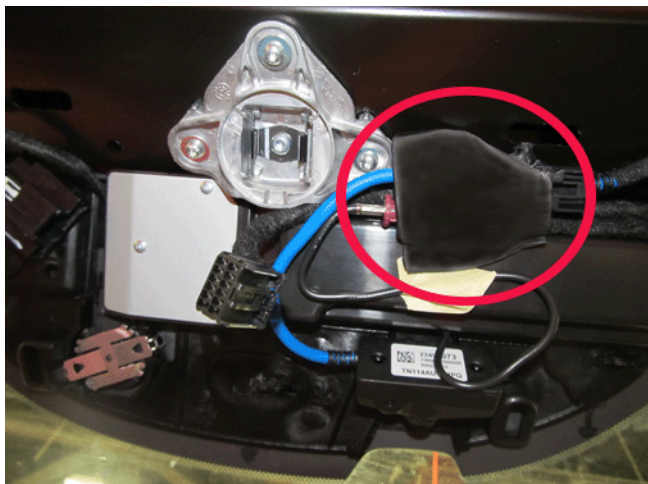


13. The satellite visible/received/used row should have at least 4 satellites used.
14. If the vehicle is using 4 or more satellites, the repair is complete.
15. If the vehicle is **NOT** using 4 satellites or more, continue with the repair by performing the next set of instructions below.
16. Repeat steps 8 through 15 with the PDR making a recording. This is to verify that the GPS location can be acquired under both conditions.

### Aluminum Foil Tape Installation

**Important:** The replacement of the vehicle performance camera should only be performed if **Severe** damage to the cable has occurred.

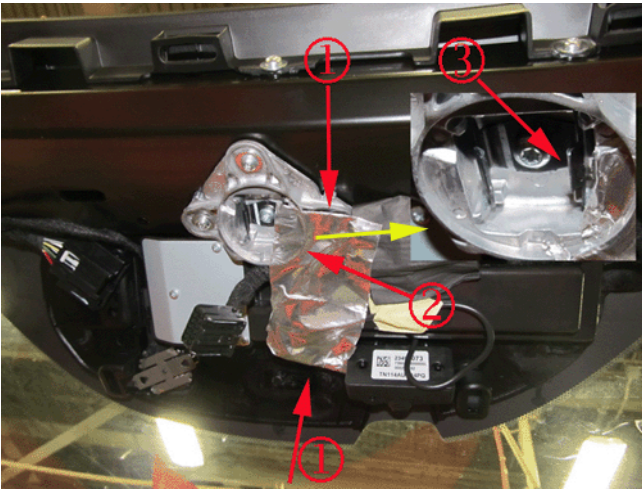
1. Remove the upper garnish molding. Refer to the Windshield Upper Garnish Molding Replacement in SI.



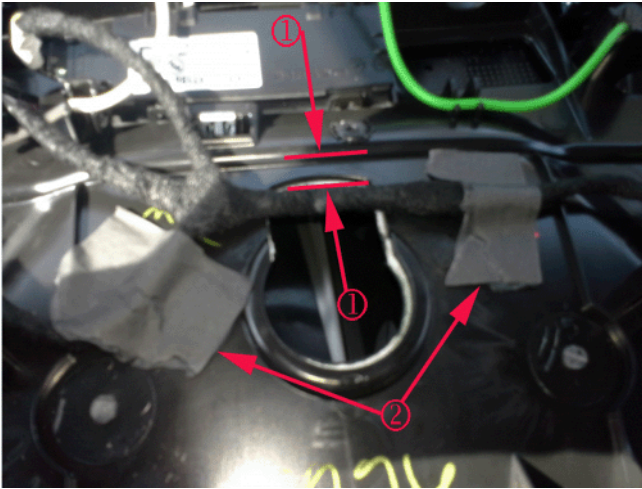
2. Install a Kent® Black Posi-Seal Plus Patch or equivalent over the camera connector and mobile telephone and vehicle location antenna as shown above.



3. Cut 127 mm (5 in) from the 3M™ Aluminum Foil Tape 3363 or equivalent.



4. Cover the camera blue coax cable with the aluminum foil tape (1) as shown above.
  - The corner of the tape **MUST** cover the lip (2) of the inside rearview mirror bracket.
  - Ensure the aluminum foil tape does **NOT** contact the locking tabs (3) for the rearview mirror in the bracket.



5. Reposition the courtesy lamp harness 13 mm (1) (0.50 in) from the edge of the molding as indicated in the illustration above.
6. Cut approximately 101 mm (4 in) from a roll of Nashua 357 Duct Tape or equivalent and secure the courtesy lamp harness down (2) as indicated in the illustration above.
7. Re-install the upper garnish molding. Refer to the Windshield Upper Garnish Molding Replacement in SI.
8. Clear all diagnostic trouble codes (DTC).

## Parts Information

For product ordering information, call a local automotive equipment supplier or call Kent® at 1-866-837-9908 and 3M™ at 1-800-234-8068.

Part Number	Description	Material Allowance
KT13080*	Kent® Black Posi-Seal Plus Patch	\$1.72 USD (per vehicle) \$3.03 CAD (per vehicle)
3363**	3M™ Aluminum Foil Tape 3 in x 180 yd,	\$0.40 USD (per vehicle) \$0.55 CAD (per vehicle)
357**	Nashua 357 Duct Tape 3" x 60 yards	\$0.30 USD (per vehicle) \$0.45 CAD (per vehicle)

\*There is enough material to repair 25 vehicles. Store the remaining materials for future use.

\*\*There is enough material to use for multiple vehicles. Store the remaining materials for future use.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
3480128*	Vehicle Performance Data Recorder Reprogramming with SPS	0.6 hr
Add	Installation of Aluminum Foil Tape over Camera Cable and Reposition Courtesy Lamp Harness.	0.5 hr
*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.		

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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