

2005 Corvette: Service Bulletin: Poor and/or No Radio Reception, Intermittent Static on FM with Navigational Radio System (Update Radio Software)

Service Bulletin #: 05-08-44-014A

Date: December 9, 2005

Subject: ASI Resolution - Poor and/or No Radio Reception, Intermittent Static on FM with Navigational Radio System (Update Radio Software)

Model(s): 2005 Chevrolet Corvette (Domestic and Export) with Navigation Radio

Condition

Some customers may comment on the following conditions:

- Static is heard on stations with an otherwise strong signal, after the ignition is turned on.
- The radio is unable to stop at specific stations when using the "seek" function.

Correction

DO NOT REPLACE THE RADIO

Important: The software is updated using a CD, not through SPS programming. New software, P/N 15853651, can be obtained from GMSPO. Dealers should retain the service CD for future use.

The software update will do the following:

- Modify the signal interface with the ARS module to correct the reception condition.
- Add an on-screen message to remind the customer that a destination is required before a route can be planned.
- Add MP3 functionality.

The navigation/radio software, P/N 15853651, should be updated using the following procedure:

Important:

- This software can ONLY be used for updating the 2005 Corvette navigation radio, P/N 15263014. Do not use these CDs to update any other vehicle's navigation radio. The radio part number can be verified via the Tech 2®.
- Software CDs and a Tech 2® are required to complete this procedure.
- Use of latex gloves is recommended to avoid fingerprints on the products and/or discs.
- If the vehicle is turned "off" during updating, the "software updating" process may not work and a new navigation radio will be required.

Follow the steps below to complete the software update.

Turn the ignition "on" with the engine "off" by holding the ignition switch in "ACC" mode for at least 10 seconds.

Open the tilt screen (navigation screen) to gain access to the DVD drive.

Eject the navigation DVD from the DVD drive (bottom slot).

Important: It may be necessary to close the radio screen for Disc 1 - Navigation to begin operation. If the navigation software version in the navigation radio is the same or higher than v.1312, the software updating will not start.

Insert Disc 1- Navigation software version 1312 into the DVD slot.

"Preparing to Load System Software" is displayed on the screen along with a progress bar. It will take approximately 5 minutes for Disc 1 to load.

After Disc 1 - Navigation has completed the navigation system will automatically restart. Eject disc 1 from the DVD slot. Insert Disc 2 - Audio software version 01.0F into the DVD slot.

Important: Approximately 10-15 seconds after inserting the disc, the screen will go blank. It will appear that the radio has shut down and/or locked up. This is the mode the radio will go into when the software is updating. If the audio software version in the navigation radio is the same as v01.0F, the software updating will not start.

When Disc 2 is completed, the system will automatically restart. It will take approximately 5-10 minutes for the system to restart. Remove Disc 2 - Audio from the DVD drive.

Turn the vehicle off. Open and close the driver's door and wait for 60 seconds.

Turn the vehicle on and reinstall the customer's navigation DVD.

Press the "NAV" button on the navigation radio, then press the "Agree" soft key on the screen.

After the map screen is displayed, touch the map screen to confirm that the map can be scrolled.

Using the Tech 2®, clear any/all DTCs from the radio.

Part Information

Part Number: Description

15853651: Disc -- Navigation Data

General Motors bulletins are intended for use by professional technicians, not a "do-it-yourselfer". They are written to inform those 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 a General Motors dealer servicing your brand of General Motors vehicle for information on whether your vehicle may benefit from the information.

© Copyright General Motors Corporation. All Rights Reserved

Online URL: <https://www.corvetteactioncenter.com/tech/knowledgebase/article.php?id=340>