

2013 Accord: PDI of the Navigation System

This bulletin provides information for the PDI, including testing, of the navigation system. These topics are covered:

- Navigation System Controls
- Voice Control System
- Navigation System Setup at the PDI
- Rearview Camera
- System Limitations
- Map Coverage Areas
- TMC (Traffic Message Channel) Information
- Pandora and Aha Internet Radio Interface
- SMS (Short Message Service) Text Message/E-mail Function

For more information about the navigation system and its operation, refer to these resources:

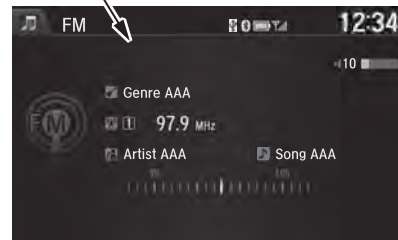
- Technology Reference Guide – Besides the one that comes with the vehicle, the Technology Reference Guide is also available online. Under **Search By Vehicle**, select the vehicle, then enter keyword **GUIDE**.
- Navigation Manual – Besides the one that comes with the vehicle, the navigation manual is also available online. Under **Search By Vehicle**, select the vehicle, then enter keywords **NAVI MANUAL**.
- Owner's Manual – Besides the one that comes with the vehicle, the owner's manual is also available online. Under **Search By Vehicle**, select the vehicle, then enter keywords **OWN MANUAL**.
- Online University – Go to the SALES tab, select **Course Catalog** under Quick Links, and use the keyword **NAVI** for more information about the navigation system.

WARRANTY CLAIM INFORMATION

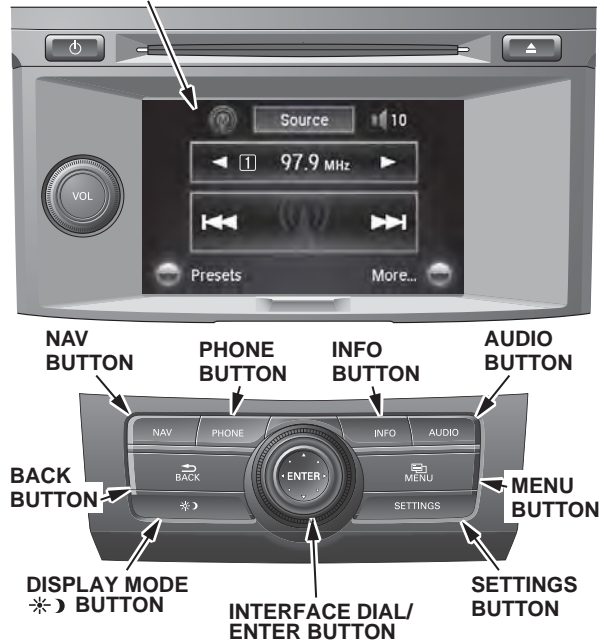
None. These procedures are considered part of the normal PDI.

NAVIGATION SYSTEM CONTROLS

AUDIO-NAVIGATION/INFORMATION SCREEN



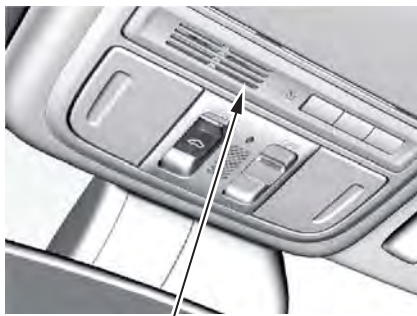
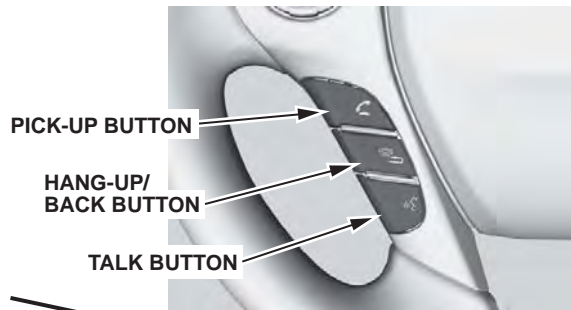
AUDIO WITH TOUCH SCREEN



The buttons listed above are used in this service bulletin. For more information on the button functions, see *Getting Started* in the navigation manual.

VOICE CONTROL SYSTEM

The navigation system features a voice control system that allows you to operate most of the navigation, HVAC, and audio controls with only your voice. This is the primary way to give commands to the system.



MICROPHONE (ON THE CEILING)

TALK button – To give a voice command, press and release the TALK button on the steering wheel, wait for the beep, then speak the command.

HANG-UP/BACK button – Press this button to return to the previous screen.

Microphone – Receives voice commands.

NOTE: If the system does not understand your voice commands, refer to *Voice Recognition* in the navigation manual.

NAVIGATION SYSTEM SETUP AT THE PDI

The navigation system is basically ready to use when the vehicle is delivered to the dealership. Since the system interfaces with other vehicle systems, it is important that all of the systems are initialized. To initialize the navigation system, follow these steps:

1. Do the normal PDI of the vehicle, including the audio system. The navigation system is equipped with features to reduce the chance of driver distraction. Some touch screen menus are limited or unavailable (grayed out) while the vehicle is being driven to encourage drivers to use voice commands to operate the navigation and audio systems.
2. You may see the factory **In Line Diagnosis** screen below. If so, complete the In Line Diagnosis by doing the following. If not, go to step 3.



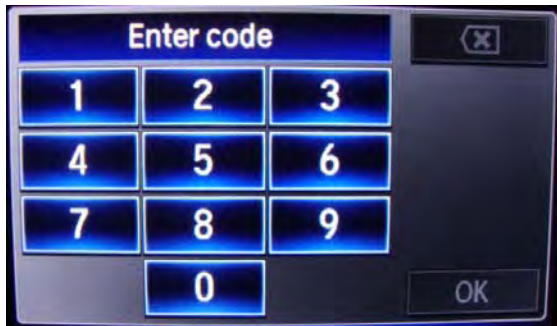
- Select **Start Diag**.
- Press all the buttons on the steering wheel that are indicated in the **In Line Diag** screen. They should turn green.
- Make a loud sound, like snapping your fingers or clapping, by the microphone to complete the mic test.
- When you have complete all the tests, the icons will be green. Select **Exit Diag** to exit the **In Line Diag** mode.
- Press the engine start/stop button to select the OFF mode, then press the start/stop button to select the ON mode to make sure the **In Line Diag** screen does not reappear.

3. Start the engine, and drive the vehicle outside away from buildings, tall trees, and power lines. Press the audio-navigation power button to turn on the audio-navigation unit. When the Enter code screen appears on the audio-navigation display, press and hold the audio power button for about 2 seconds to allow the PCM to verify that the vehicle's VIN matches the VIN saved in the audio-navigation unit. You'll hear a long beep when the audio-navigation unit exits the anti-theft mode. Release the power button.



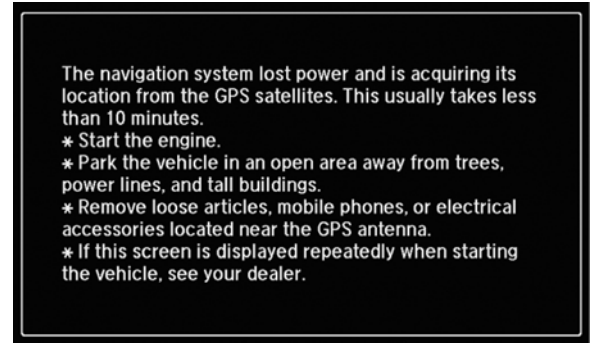
NOTE:

- If the audio-navigation unit doesn't exit the anti-theft mode, enter the anti-theft code using the audio with touch screen display. There are two code labels located in a small plastic bag in the glove box.



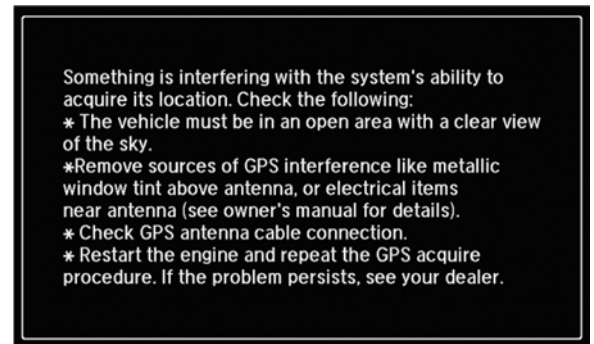
- If the code is lost or unavailable, you can get the code from the iN (Interactive Network) using the navigation system serial number. The system serial number can easily be obtained **without** removing the audio-navigation unit. To get the serial number and the code, do this:
 - Press and hold the MENU, NAVI, and BACK buttons at the same time.
 - At the Select Diagnosis Items screen, select **Detail Information & Settings**, then select **Unit Check**, then **ECU Info**. The system runs a brief diagnostic, then the unit serial number is displayed at the bottom of the screen.
 - Use the navigation **Anti-theft code inquiry** option on the iN to look up the 5-digit navigation anti-theft code.
 - If the code does not work, call the American Honda Warranty department at **310-783-3240**. Do not call Tech Line.

4. There are two code labels located in a small plastic bag in the glove box. Attach one of the labels to the PDI repair order, and place the other back in the plastic bag and return it to the glove box.
5. The instructions below appear on the screen to indicate that the system is initializing (determining its location from the GPS satellites). Follow the on-screen instructions.



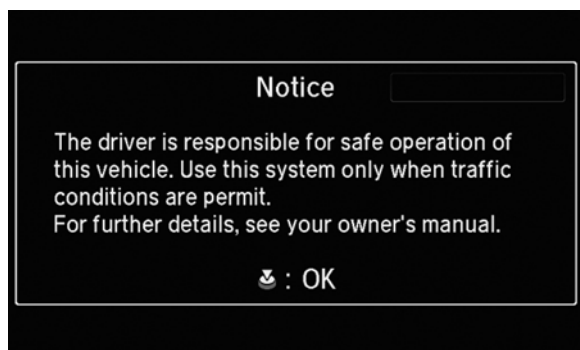
NOTE: The average initialization takes about 10 minutes, but it can take as long as 45 minutes. If initialization completes within 10 minutes, the display changes to the globe screen.

6. If the system **does not** initialize within 10 minutes, a second screen (shown below) appears. The system is still initializing but will not automatically exit to the globe screen when the initialization is complete. Do not immediately follow the instructions on the screen. After 30 minutes, try restarting the engine to see if the navigation system completed the initialization. If it did not, follow the instructions on the screen.



NOTE: The initialization screen may appear after battery voltage to the navigation control unit has been disconnected for more than 5 minutes. If this happens, follow the on-screen instructions. If you are still unable to obtain GPS initialization, refer to the iN and use keyword **GPS**.

7. When initialization is complete, the notice screen appears. Select **OK**.



NOTE: Do not enter a destination yet. For the navigation system to calculate a route, it must align the current location to a mapped road (map matching). This happens when you start driving.

8. Make sure that the XM Radio dealer demo account is active by tuning to several channels within the full XM lineup. To see the full list of XM channels, go to siriusxm.com.

NOTE:

- For models with navigation, XM Radio is free to the customer for the first 3 months. After that, customers must subscribe to XM Radio to continue receiving coverage by calling **800-852-9696**, or going online to siriusxm.com. They will need their XM radio ID (displayed when you tune to channel 0) and a major credit card.
- XM Radio is not available in Hawaii.
- Traffic (TMC) is broadcast on the FM radio band and is free in available areas. Refer to **TMC (TRAFFIC MESSAGE CHANNEL) INFORMATION**.

9. Drive the vehicle at least a half-mile from your dealership, and find a safe place to park. Then set the map scale to 1/20.

- Make sure the VP (vehicle position) icon moves smoothly as you drive and does not jerk from one point to another. Also make sure the icon points in the direction the vehicle is traveling; it does not “dog track” or spin.
- After driving a few hundred feet, the name of the road you are driving on should appear at the bottom of the screen. The navigation system is now map-matched.

NOTE: If the navigation system fails to map-match after the vehicle is driven more than a couple of miles on a displayed road, refer to the service manual symptom troubleshooting.

10. With the map screen displayed, press and release the TALK button.
11. When you hear the beep, say “Find nearest Honda dealer.” The system should display a list of Honda dealers.

12. Rotate the interface dial to highlight your dealership, then push in on the ENTER button.

13. On the Calculate Route to screen, select **OK**. The system then calculates a route and displays it as a blue line. If you are in a rural area with unverified roads, you may see a blue vector line or a blue/pink dotted line pointing in the direction of your destination.

14. Follow the voice guidance back to your dealership. The voice guidance should work even with the audio system turned off.

15. With the map screen displayed, check the system interaction with the audio system and the lower display. Press and release the TALK button. After the beep, say “XM channel 115.” The lower display should change to XM channel 115 and show **CNN News**.

16. With the map screen displayed, check the system interaction with the climate control system. Turn on the climate control system by selecting **AUTO**. Then press and release the TALK button. After the beep, say “temperature 68 degrees.” The lower display should change to 68 degrees.

17. Make sure the time shown in the navigation display is correct; the system gets it from the GPS satellites. For areas that do not follow daylight saving time, you may have to adjust the time settings. Go to clock adjustment in the Setup screen, and set **Auto Daylight** to **OFF**.

NOTE: If your dealership is located near a time zone boundary, set Auto Time Zone by GPS to OFF. The clock then keeps the “home” time if the customer routinely drives across the time zone boundary.

18. Press the DISPLAY MODE (*⏏) button to verify that the display changes between **Day**, **Night**, and **OFF** modes.

19. If your dealership is located in a metropolitan area that has traffic incident or traffic flow data available (see **TMC (TRAFFIC MESSAGE CHANNEL) INFORMATION**), do this:

- Select one of the traffic map scales 1/20-, 1/8-, 1/4-, 1/2-, 1-, 2-, or 5-mile scales by rotating the dial.
- Use the interface dial to scroll to the downtown area of your city. If your metro area has traffic flow data, freeways and other main roads should show traffic flow data as red, yellow, or green lines for traffic flow in one or both directions on the road.
- Small diamond-shaped “traffic incident” icons may be shown. If so, scroll over an icon and press in the interface dial to see the details.
- Partially displayed traffic data does not indicate a problem with the navigation system. Traffic flow and density varies from day to day and from one road to another. If your area has traffic, but it is not displaying on the screen, refer to the iN and use keyword **TRAFFIC**.

20. Clear the hard disc drive (HDD) to erase any information that was saved during the PDI:

- Turn the ignition switch to ON (II).
- Turn the audio-navigation unit on.
- Press and hold the MENU, NAVI, and BACK buttons at the same time until the Select Diagnosis Items screen comes up. Then release the buttons.
- Select **Detail Information & Setting**.
- Select **Function setup**.
- Select **All clear**. A confirmation screen appears. Select **Yes**.
- A second confirmation screen appears. Select **Yes** again.

REARVIEW CAMERA

With the ignition ON, shift to R. The rearview image appears on the navigation display. Make sure the distance guidelines appear on the screen. Change the camera views by pushing in on the interface dial. Rotate the interface dial to adjust the image brightness. The rearview camera brightness adjustment is not affected by the screen brightness adjustment in Setup.

NOTE:

- When you are in R, only the interface dial works. The other buttons are locked out.
- If the image is foggy or dirty, clean the rearview camera lens.

SYSTEM LIMITATIONS

If you think you found any problems with the navigation system during the PDI or after installing replacement parts to repair the system, refer to the iN using the keywords **HOW TO TROUBLESHOOT** and select *How to Troubleshoot the Navigation System* from the list.

MAP COVERAGE AREAS

The map database covers the United States, Mexico, Puerto Rico, and Canada. The map coverage for the U.S. contains accurately mapped (verified) metropolitan areas and less accurate (unverified) rural coverage.

For a list of current detailed coverage areas by country and state/province, refer to the navigation manual, or go online to www.hondanavi.com. Online, use the pull-down menu to select the **Model** and the **Year**, select **Map Coverage**, then select **Map Coverage Details**.

You do not need to change the navigation settings when relocating to or from any of these locations.

TMC (TRAFFIC MESSAGE CHANNEL) INFORMATION

TMC is available in many metropolitan areas using information broadcast on the FM band. Go to go to <http://automobiles.honda.com/traffic> to see if your area has TMC. The amount and type of coverage varies. For more information about traffic incidents and traffic flow, refer to the *Map Screen Legend* in the Technology Reference Guide.

PANDORA® AND AHA™ INTERNET RADIO INTERFACE

Customers can stream Pandora or Aha Internet radio through the audio system. Customers need to pair their Honda-approved phone to the HandsFreeLink (HFL). To find an approved phone that supports streaming Pandora or Aha, go to handsfreelink.honda.com.

NOTE: Not all approved phones support all of Pandora's or Aha's features. Make sure you check the phone's supported features on the website to avoid replacing good components in the vehicle during troubleshooting.

For more information about playing Pandora or Aha through your audio system, refer to *Playing Internet Radio* in the owner's manual.

SMS (SHORT MESSAGE SERVICE) TEXT MESSAGE/E-MAIL FUNCTION

Customers who pair Honda-approved phones to the HFL can receive incoming text messages and e-mails, as well as respond to messages via the audio-navigation unit by selecting one of six possible responses.

For more information about text messages, refer to *Receiving a Text Message/Email* in the owner's manual.