

July 21, 2015

02078 Version 1

2016 Odyssey: PDI of the Navigation System

AFFECTED VEHICLES

Year	Model	Trim Level
2016	Odyssey	All with Navigation

INTRODUCTION

This bulletin covers the pre-delivery inspection (PDI), including testing, of the navigation system. It includes these topics:

1. Navigation System Controls	7. Hawaii System Setup
2. Voice Control System	8. Traffic Message Channel (TMC) Information
3. Navigation System Setup at the PDI	9. <i>Bluetooth</i> [®] HandsFreeLink [®] (HFL)
4. Rearview Camera	10. Pandora [®] and Aha [™] Interface
5. Troubleshooting	11. Short Message Service (SMS) Text Message/E-Mail Function
6. Map Coverage Areas	12. Ordering Navigation Update Software

For more information about this system, see these resources:

- Owner's Guide – Besides the one that comes in the *Owner Information Kit*, this guide is also online. Select **Search by Vehicle**, select the vehicle, then enter keyword **GUIDE**.
- Navigation Manual – Besides the one that comes on the Owner's CD, this manual is also online. Select **Search by Vehicle**, select the vehicle, then enter keywords **NAVI MANUAL**.
- Owner's Manual – Besides the one that comes on the Owner's CD, this manual is also online. Select **Search by Vehicle**, select the vehicle, then enter keywords **OWN MANUAL**.
- Online University – Log in and select **SALES**. Under **Quick Links**, select **Course Catalog**, then enter keyword **NAVI** in the search box.

CLAIM INFORMATION

The flat rate time for the PDI of the navigation system is included as part of the regular PDI of the vehicle.

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

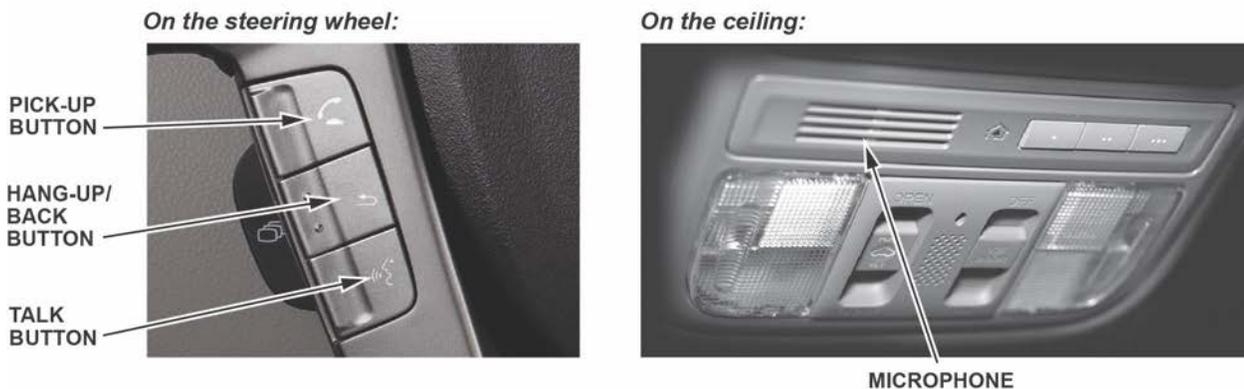
1. NAVIGATION SYSTEM CONTROLS

Use the following buttons to operate the navigation system. For more information about them, see “Getting Started” in the navigation manual.



2. VOICE CONTROL SYSTEM

The navigation system features a voice control system that lets you work most of the navigation, HVAC, and audio controls with just your voice. To interact with the system, use the Talk and Hang-up/Back buttons. The microphone is on the ceiling. This is the primary way to give commands to the system.



Talk button – To give a voice command, press and release this button, wait for the beep, and give the command.

Hang-up/Back button – Press and release this button to return to the previous screen.

Microphone – Picks up your voice commands

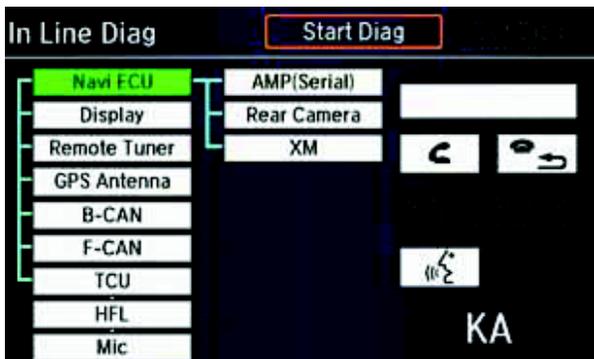
NOTE: If the system does not understand your commands, see “Improving Voice Recognition” in the navigation manual.

3. NAVIGATION SYSTEM SETUP AT THE PDI

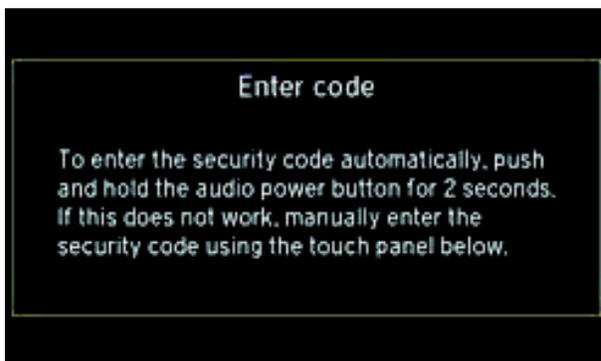
The navigation system is basically ready to use when the vehicle is delivered to the dealership. The system has features to reduce the potential for driver distraction. Some touch screen menus are limited or unavailable (grayed out) while driving to encourage using voice commands for the navigation and audio systems.

Since the navigation 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 regular PDI of the vehicle.
2. You may see the factory **In Line Diag** screen below. If so, do the following. If not, go to step 3.



- Select **Start Diag**.
 - Press all of the buttons on the steering wheel that you see 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 completed all of the tests, the icons will be green. Select **Exit Diag** to leave the **In Line Diag** screen.
 - Turn the ignition to OFF, and then to ON to make sure the **In Line Diag** screen does not reappear.
3. Start the engine, and park the vehicle in an open area away from trees, power lines, and tall buildings. Remove loose articles, cell phones, and electrical accessories near the GPS antenna. Press the VOL knob to turn on the audio-navigation unit. When the **Enter code** screen appears, press and hold the VOL knob for about **2 seconds**. This lets the PCM check that the vehicle's VIN matches the one saved in the unit. You will hear a long beep when the unit exits the anti-theft mode. Release the VOL knob.

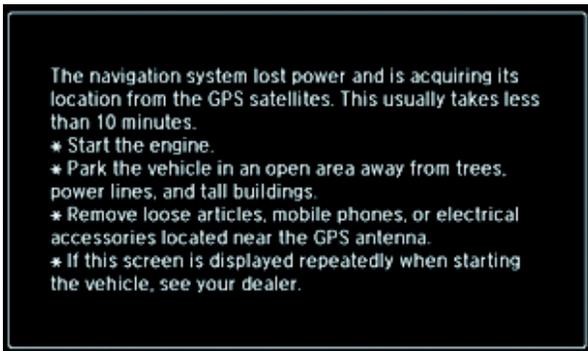


NOTE:

- If the audio-navigation unit does not exit the anti-theft mode, enter the anti-theft code with the audio touch screen display.

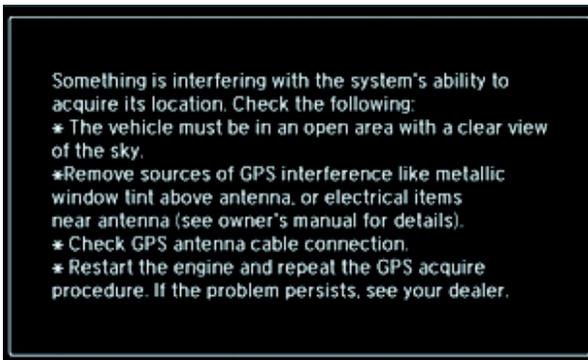


- Anti-theft code labels are no longer included with the vehicle.
 - If the code is lost or unavailable, you can get it from the iN (Interactive Network) using the unit serial number. You do not need to remove the unit to get the serial number. To get the serial number and the code, do this:
 - Press and hold the MENU, NAV, and BACK buttons at the same time.
 - At the **Select Diagnosis Items** screen, select **Detail Information & Settings, Unit Check**, then **ECU Info**. The system runs a short diagnostic, then the unit serial number appears at the bottom of the screen.
 - Go to **Anti-Theft Code Inquiry** on the iN, and look up the five-digit anti-theft code.
 - If the code does not work, call American Honda warranty department at **310-783-3240**. Do not call Tech Line.
4. After the VIN check is complete, this screen appears, telling you the system is initializing (acquiring its location from the GPS satellites). Keep watching the screen.



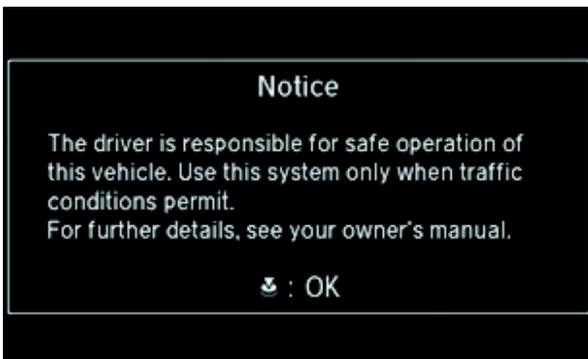
NOTE: Initialization averages about **10 minutes**, but it can take as long as **45 minutes**. If it completes within 10 minutes, the screen changes to the globe screen.

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



NOTE: The initialization screen may appear after battery voltage to the audio-navigation unit has been disconnected for more than **5 minutes**. If that happens, follow the screen instructions. If you are still unable to get GPS initialization, do a search in the electronic service manual using keyword **GPS**.

6. When initialization is complete, this 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.

7. Make sure the XM Satellite Radio dealer demo account is active by tuning to several channels within the full XM lineup. To see the full list of channels, go to www.siriusxm.com. If you get those channels, the demo account is fully active.

NOTE:

- For models with navigation, XM Satellite Radio is free to customers for the first **90 days**. To keep getting coverage after that, they must subscribe by calling **800-852-9696** or going to www.siriusxm.com. They will need their eight-character radio ID (shown when tuned to channel **0**) and a major credit card.
- XM Satellite Radio is not available in Hawaii.
- Traffic Message Channel (TMC) is broadcast on the FM band and is free in available areas. See **TRAFFIC MESSAGE CHANNEL (TMC) INFORMATION**.

8. 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 vehicle position (VP) 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 should not dog track or spin.
 - After driving a few hundred feet, you should see the name of the road you are driving on at the bottom of the screen. The system is now map-matched.

NOTE: If the system fails to map-match after driving for more than a couple of miles on a displayed road, see the symptom troubleshooting in the electronic service manual.
9. With the map screen shown, press and release the Talk button.
10. When you hear the beep, say "Find the nearest Honda dealer." You should see a list of Honda dealers.
11. Turn the interface dial to highlight your dealership, then push in on the ENTER button.
12. On the **Calculate Route To** screen, select **OK**. The system then calculates a route and shows 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.
13. Follow the voice guidance back to your dealership. It should work even with the audio system turned off.
14. With the map screen shown, 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.
15. With the map screen shown, check the system interaction with the climate control system and the lower display. Turn it on 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.
16. Make sure the time shown in the lower 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 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.
17. Press the Display Mode button to ensure the display changes between the **Day**, **Night**, and **OFF** modes.
18. If your dealership is in an area that has traffic incident or traffic flow data available (see TRAFFIC MESSAGE CHANNEL [TMC] INFORMATION), do this:
 - Turn the interface dial to select one of the traffic map scales (1/20-, 1/8-, 1/4-, 1/2-, 1-, 2-, or 5-mile).
 - 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 this data as red, yellow, or green lines in one or both directions.
 - You may see small diamond-shaped traffic incident icons. If so, scroll over one and press in the interface dial to see the details.
 - Partially shown traffic data does not mean 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 you cannot see it on the screen, do a search in the electronic service manual using keyword **TRAFFIC**.
19. Clear the HDD to delete any information that was saved during the PDI.
 - Turn on the audio-navigation unit.
 - Press and hold the MENU, NAV, and BACK buttons at the same time until the **Select Diagnosis Items** screen appears. Then, release the buttons.
 - Select **Detail Information & Settings**, then **Functional Setup**.
 - Select **All Clear**. A confirmation screen appears. Select **Yes**.
 - A second confirmation screen appears. Select **Yes** again.

4. REARVIEW CAMERA

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

NOTE:

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

5. TROUBLESHOOTING

If you think you found any problems with the navigation system during the PDI or after installing replacement parts to repair it, go to the electronic service manual and enter keywords **HOW TO TROUBLESHOOT**. From the list, select **How to Troubleshoot the Navigation System**.

6. 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, see the navigation manual or go to www.hondanavi.com. Online, select the **Model** and **Year**, **Map Coverage**, then **Map Coverage Details**.

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

7. HAWAII SYSTEM SETUP

The navigation system comes with map information for the entire United States, including Hawaii. Unlike previous models, a customer does not need to change the navigation settings when relocating to or from Hawaii.

NOTE: XM Satellite Radio is not available in Hawaii.

8. TRAFFIC MESSAGE CHANNEL (TMC) INFORMATION

TMC is available in many metropolitan areas and uses information broadcast on the FM band. 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, see "Map Screen Legend" in the navigation manual.

9. BLUETOOTH® HANDSFREELINK® (HFL)

HFL works with most *Bluetooth*-enabled cell phones to let you receive and make phone call through the audio system without ever taking your hands off the wheel.

With a compatible phone, a simple one-time pairing process using the navigation screen is all it takes to connect the phone to the vehicle. When you make or receive a call, the audio system will automatically mute and you will hear the call through the audio system speakers.

You can pair up to six phones to the system. HFL functions are viewed and worked through the navigation screen. A phonebook from a compatible phone(s) can be synched with the audio-navigation unit when the phone is first paired.

For a list of approved phones, go to www.handshfreelink.com.

10. PANDORA® AND AHA™ INTERFACE

Customers can stream Pandora or Aha through the audio system. Customers need to pair their Honda-approved phones to HFL. To find an approved phone that supports streaming Pandora or Aha, go to www.handsfreelink.com.

The Aha app works best if the customer downloads the **HondaLink Streams** app available from the Google Play Store or the Apple App Store.



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, see "Playing Internet Radio" in the owner's manual.

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

A built-in SMS text message function lets customers respond to incoming text messages using preset responses to reduce the potential for driver distraction.

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

For more information about text messages, see the owner's manual. For a list of approved phones, go to www.handsfreelink.com.

12. ORDERING NAVIGATION UPDATE SOFTWARE

You can order navigation map updates online at www.hondanavi.com. Under **Find Updates**, use the pull-down menu to select the vehicle model and year. You can also call the Honda Navigation Center at **888-291-4675**. Both methods require a major credit card.