

May 7, 2016

03184 Version 1

2017 NSX: TQI of the Navigation System

AFFECTED VEHICLES

Year	Model	Trim Level
2017	NSX	All with Navigation

INTRODUCTION

This bulletin covers the total quality inspection (TQI), including testing, of the navigation system for the 2017 NSX. It includes these topics:

1. Navigation System Controls	4. Troubleshooting
2. Voice Control System	5. Map Coverage Areas
3. Navigation System Setup at the TQI	6. 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.

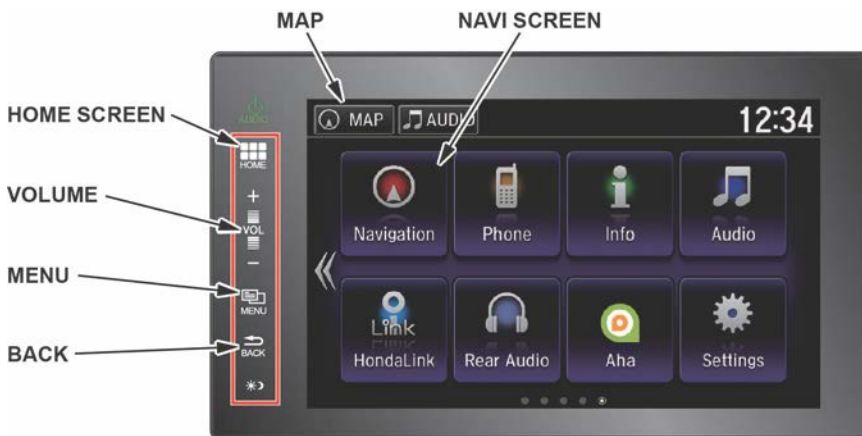
CLAIM INFORMATION

The reimbursement time for the TQI of the navigation system is included as part of the regular TQI of the vehicle.

CLIENT 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 Acura automobile dealer.

1. NAVIGATION SYSTEM CONTROLS

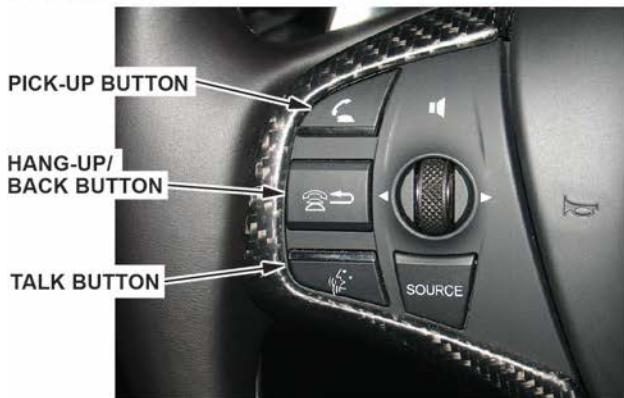
Use the following buttons to operate the navigation system. For more information about them, see “Getting Started” in the navigation manual.



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. This is the primary way to give commands to the system.

STEERING WHEEL



CEILING CONSOLE



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 TQI

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 TQI of the vehicle.
2. Turn the ignition to ON.
 - If you see this screen, select **OK**, then go to step 4.

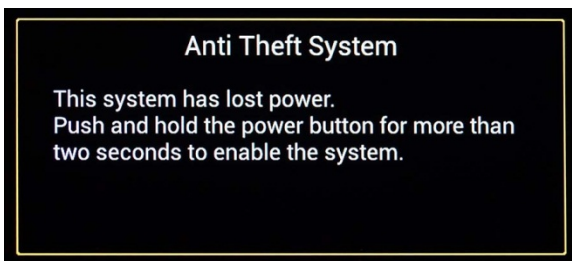


NOTE: Selecting **OK** is optional; the screen will change on its own.

- If you see the **In Line Diag** screen below, do the following steps, then go to step 3.



- Press and release the Talk, Pick-up, and Hang-up/Back buttons, then wait for all of the boxes to turn green. If any of them are red, troubleshoot the applicable system. See the service information for more information.
 - Press and release the Talk button and, in a normal voice, say "Testing." The mic level indicator must reach at least six bars.
 - Select **Exit Diag** to exit the screen.
 - Turn the ignition to OFF, then back to ON, to make sure the **In Line Diag** screen does not reappear.
- If you see this screen, it means battery power has been lost. Press and hold the power button for more than **2 seconds** to enable the system. Then, go to step 3.

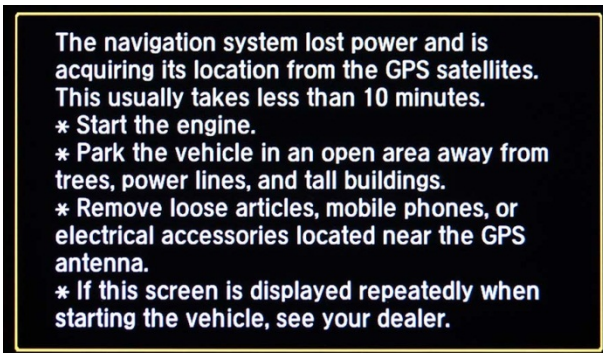


3. You will then see this screen. Select **OK**.



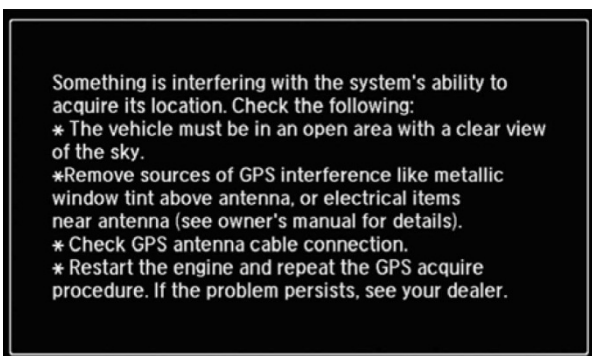
NOTE: Selecting **OK** is optional; the screen will change on its own.

4. 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.
5. You will then see this screen, which tells you the system is initializing (acquiring its location from the GPS satellites). Keep watching the screen.



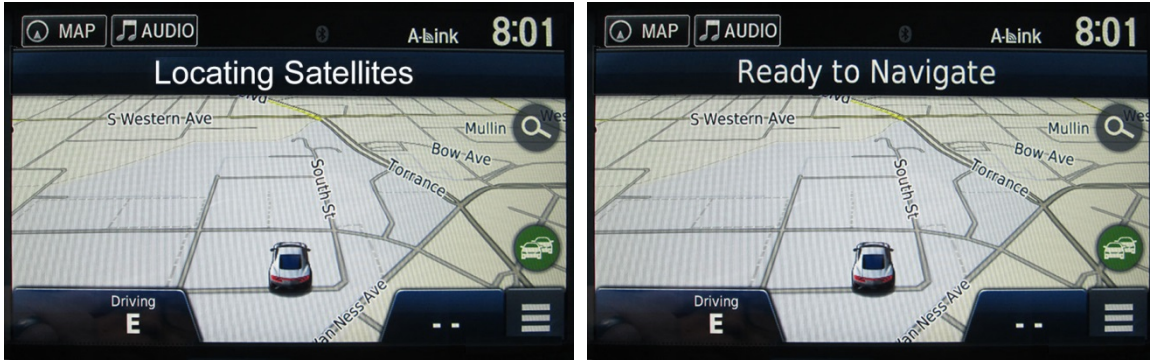
NOTE: Initialization averages about **10 minutes**, but it can take as long as **45 minutes**. If it completes within **10 minutes**, the screen changes to the map screen.

6. 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 map 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 this happens, follow the screen instructions. If you are still unable to get GPS initialization, do a search in the service information using keyword **GPS**.

- You will then see the map screen, but do not enter a destination yet. For the system to calculate a route, it may still try to acquire the GPS satellites and align the current location to a mapped road (map matching). This happens when you start driving in an open area. The map screen will change from **Locating Satellites** to **Ready to Navigate**.



NOTE: If the map screen does not appear, select **HOME**, then **Navigation**.



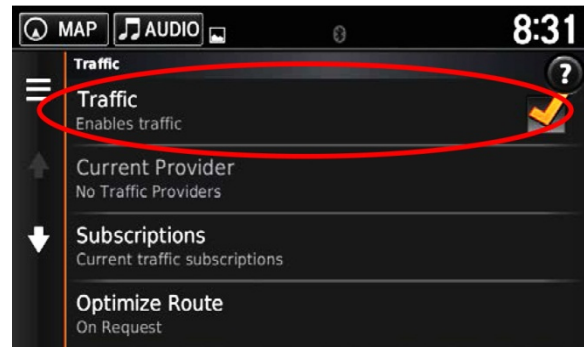
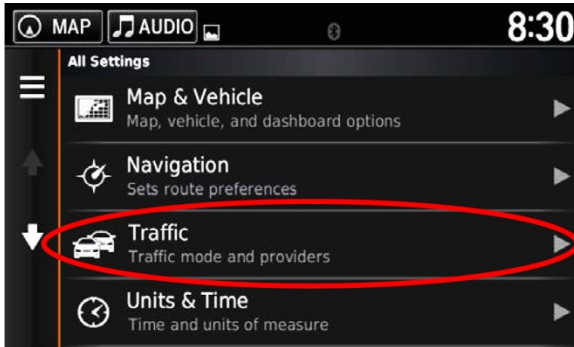
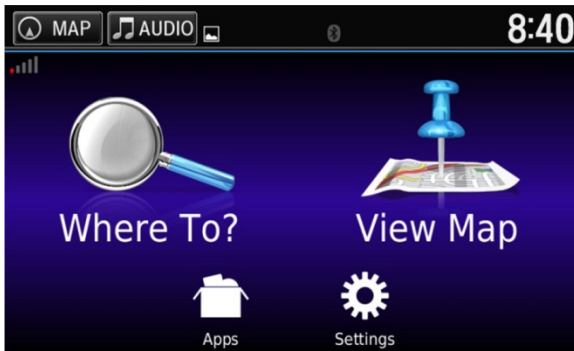
- Make sure the SiriusXM® Radio dealer demo account is active by tuning to several channels within the full channel lineup. To see the full list of channels, go to www.siriusxm.com. If you get those channels, the demo account is fully active.

NOTE:

- For models with navigation, SiriusXM® Radio is free to clients 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.



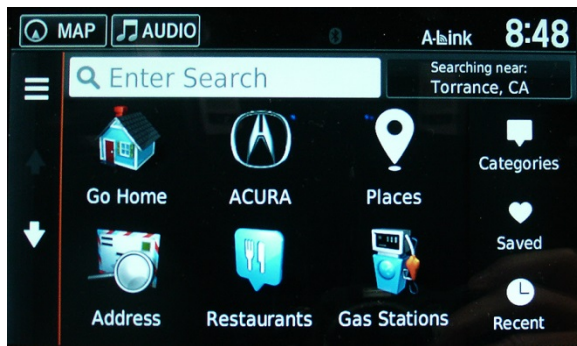
- Traffic information can be enabled any time. To view it, select **Navigation, Settings, Traffic (Traffic modes and providers), and Traffic (enables traffic)**.



9. Drive the vehicle at least a half-mile from your dealership and find a safe place to park. Then, adjust the map screen for comfortable viewing.
 - 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 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 service information.

10. With the map screen shown, select **MENU, Where to?**, and the **ACURA** icon.



11. You should see a list of Acura dealers. Select your dealership from the list and select **Go!** The system then automatically calculates the route back to your dealership.
12. Follow the voice guidance back to your dealership. It should work even with the audio system turned off.
13. Make sure the time shown by the system 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. Select **HOME, Settings, and Clock/Info**. In the **Clock/Info Settings** screen, select **Clock Adjustment** to adjust the time.

NOTE: If your dealership is near a time zone boundary, set **Auto Time Zone** to **OFF** in the **Clock/Info Settings** screen. The clock then keeps the home time if the client routinely drives across the time zone boundary.

14. Press the Display Mode button to make sure the display changes between the **Day**, **Night**, and **OFF** modes.
15. Select **HOME**, **Settings**, and **System**. Under **All tab**, select **Guidance Volume** to adjust the volume.
16. Select **HOME**. If needed, clean the screen with a soft, damp cloth. You may use a mild cleaner made for eye glasses or computer screens, but avoid using harsher chemicals, show towels, paper towels, or tissues; they can damage the screen.

4. TROUBLESHOOTING

If you think you found any problems with the navigation system during the TQI or after installing replacement parts to repair it, see the service information for details. This helps you avoid replacing parts when the issue may be a system characteristic.

5. MAP COVERAGE AREAS

The map database covers the continental United States, Alaska, Hawaii, Puerto Rico, the U.S. Virgin Islands, Canada, and Mexico. The map coverage for the U.S. contains accurately mapped (verified) metropolitan areas and less accurate (unverified) rural coverage. In Canada and Mexico, the database covers major metropolitan areas and major roads connecting them. For more coverage information, go to www.hondanavi.com.

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**.

6. 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.