

2014 Civic CNG: PDI Information

INTRODUCTION

This bulletin covers the pre-delivery inspection (PDI) of the 2014 Civic CNG.

This model is fueled by compressed natural gas (CNG) rather than gasoline. Because of the high pressure and potential hazards involved with CNG, only technicians who have been specifically trained on the Civic CNG fuel system should service fuel system components.

To do a PDI on a model with a navigation system, be sure to complete Service Bulletin 14-008, *2014 Civic CNG: PDI of the Navigation System*.

This bulletin includes the following procedures:

- **Set the Tire Pressures**
- **Start the TPMS Calibration Process**
- Working with a Flat Lift
- Install the Fuses
- Activate the Audio Unit (Models with Anti-Theft Only)
- Check the 12-volt Battery
- Fuel the Vehicle
- Do the Idle Learn Procedure
- Install the Shift Lock Release Cover
- Install the Front License Plate Holder
- Install the Rear Strakes (If Not Factory Installed)
- Remove the Chin Spoiler Tape (If Equipped)
- Set the Clock
- Check/Refresh the XM® Satellite Radio Dealer Demo Service (If Equipped)
- Check the HandsFreeLink System (Models with HFL)
- Make Sure LaneWatch Works (If Equipped)
- Install the Body Plugs
- Install the Floor Mats
- Remove the Interior Protective Coverings
- Remove the Exterior Protective Coatings

NOTE: Make sure you set the tire pressures and start the TPMS calibration process. They are critical for a proper PDI of the vehicle.

TOOLS AVAILABLE ON LOAN

To do fuel system leak checks and relieve fuel pressure as called out in the electronic service manual, you can borrow these tools from American Honda's Special Tools department.

- CNG Leak Detector (Leak Hunter Plus)
- CNG Vent Tool Set

For more information on tool borrowing, see Service Bulletin 98-051, *Special Tool Loan Program*.

CLAIM INFORMATION

Flat Rate Time: 1.4 hours

NOTE: This flat rate time includes the PDI of the navigation system, if equipped.

PDI PROCEDURES

Before doing the PDI, review these items:

- Perfect Delivery documents, especially the information on battery maintenance and tire pressures
- PDI checklist in the service history booklet

Make sure you record the PDI on the appropriate pages of the service history booklet. The PDI is not done until this bulletin and the PDI checklist are both completed.

Set the Tire Pressures

Set the tire pressures according to the driver's doorjamb label. Make sure the tires are normalized (at ambient temperature) when checking and setting the pressures.

NOTE: The spare tire does not have a tire pressure sensor. Make sure it is inflated to the pressure listed on the driver's doorjamb label.

Start the TPMS Calibration Process

This vehicle has an indirect TPMS. Unlike other systems that directly measure air pressure, an indirect TPMS uses the wheel speed sensors to monitor and compare tire characteristics while driving and determine when one or more tires are significantly underinflated.

To ensure proper operation, you must inflate all four tires to the cold inflation pressures listed on the driver's doorjamb label and start the TPMS calibration process during the PDI.

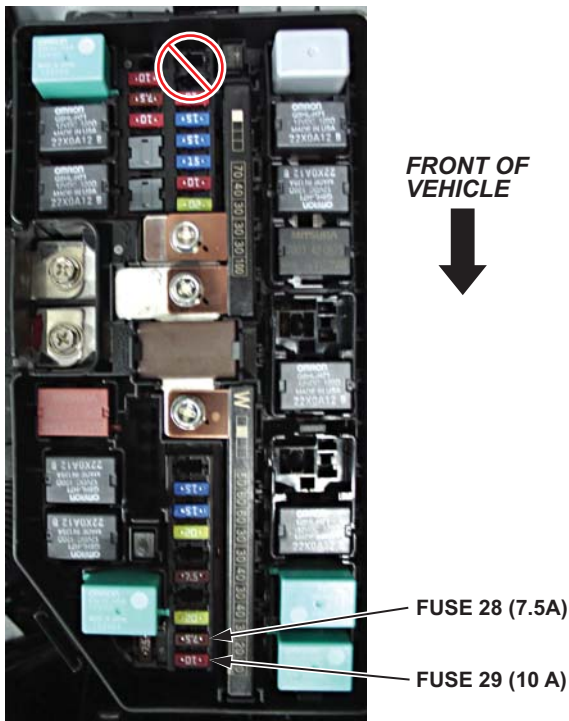
You will find these procedures on a sheet packaged with the front license plate holder. Look for "Attention PDI Technician."

Working with a Flat Lift

A flat lift may interfere with the side spoiler. Use attachments that help prevent damage to the spoiler.

Install the Fuses

To prevent battery drain during vehicle shipping, the No. 29 BACKUP (10 A) fuse and the No. 28 INTERIOR LIGHT (7.5 A) fuse are removed from the under-hood fuse/relay box and stored in the glove box. Make sure you install these fuses in the proper socket.



Activate the Audio Unit (Models With Anti-Theft Only)

The anti-theft code is automatically checked between the ECM/PCM and the audio unit; there is no longer a need for anti-theft code cards. However, two code labels are included. After you unlock the unit, attach one of the labels to the PDI repair order. The other one should be given to the customer for safe keeping, rather than left in the vehicle.

NOTE: If the audio unit loses power, turn the ignition to ON. Press the Information button on the steering wheel to acknowledge all warnings (note the **AUDIO OFF** message at the top of the display screen). Press the audio power button once. Press and hold the button again until you hear a beep and see the audio frequency on the screen. The audio unit is now activated.

Check the 12-volt Battery

To ensure a long battery life and that the customer gets one that is fully charged, the battery must be checked at these times:

- When the vehicle first arrives at the dealership
- During PDI, if done at a later date
- At regular intervals, if stored
- Just before vehicle delivery

Test the battery with the ED-18 battery tester using the instructions in Service Bulletin 88-023, *Battery Testing and Replacement*. If the ED-18 does not show **GOOD BATTERY**, charge the battery using the GR8 battery diagnostic station.

Write down the **GOOD BATTERY** 10-digit code in the service history booklet. During the PDI, write down the code in the "Under Hood (Engine Cold)" section. Then, at vehicle delivery, write it down in the "Final Inspection (At Delivery)" section.

Fuel the Vehicle

To fuel the vehicle, attach the CNG fueling nozzle to the vehicle's fuel receptacle. If you smell fuel or hear it escaping during fueling, turn off the equipment and remove the nozzle from the receptacle. Inspect the nozzle and the inside of the receptacle for dirt or other debris, and check for a damaged or missing O-ring in the receptacle.

Do the Idle Learn Procedure

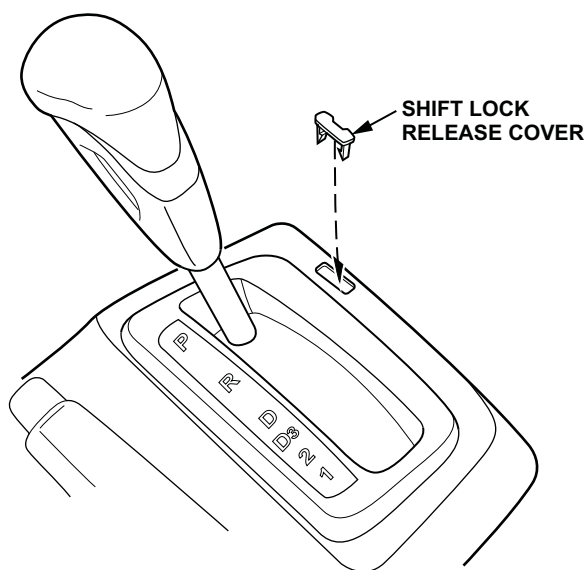
To ensure a steady engine idle, do the idle learn procedure after installing the No. 29 fuse.

1. Make sure all electrical items (A/C, audio unit, rear window defogger, lights, etc.) are turned off.
2. Start the engine, and let it reach operating temperature (the cooling fans cycle twice).
3. Let the engine idle for 10 minutes with the throttle fully closed.

The idle learn procedure must also be done after updating or replacing the ECM/PCM. It does not need to be done after clearing DTCs.

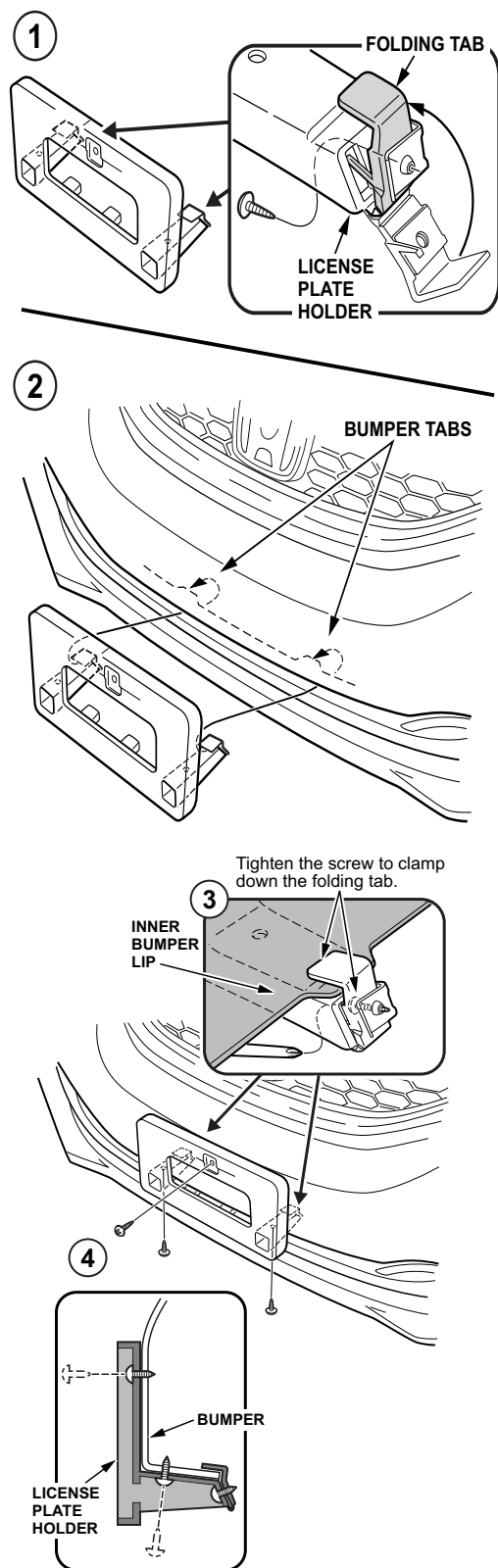
Install the Shift Lock Release Cover

The shift lock release cover is in a plastic bag with the owner's manual in the glove box. Install it in the shift lock release opening next to the shift lever.



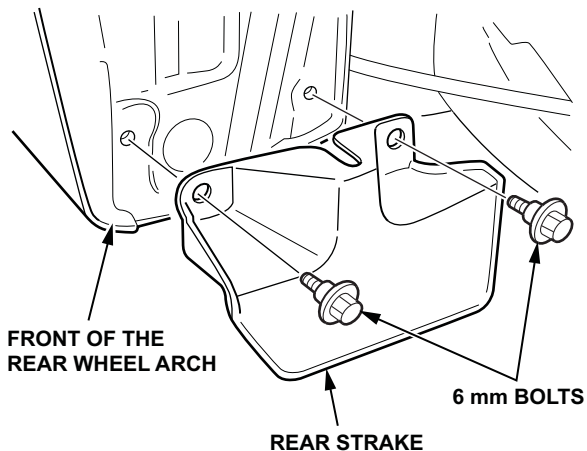
Install the Front License Plate Holder

For shipping purposes, the license plate holder is stored in the trunk. If state regulations require the use of a front license plate, install the holder as shown:



Install the Rear Strakes (If Not Factory Installed)

The rear strakes may be factory installed on some vehicles. If they are not installed, use the four 6 mm bolts provided in the PDI kit to install the strakes to the front of each rear wheel arch.



Remove the Chin Spoiler Tape (If Equipped)

Protective tape is attached to the front chin spoiler to help prevent damage during transportation. Remove the tape.



Set the Clock

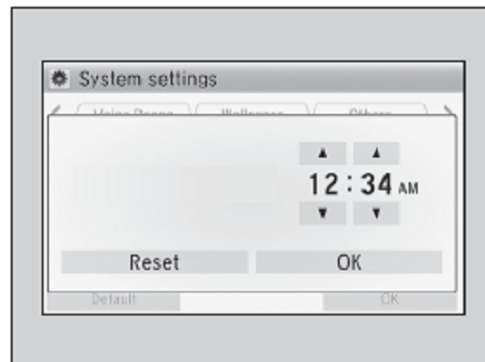
Models Without Display Audio

1. Turn the ignition to ON.
2. Press the MENU button on the left side of the steering wheel.
3. Select **Adjust Clock**, and follow the prompts.



Models with Display Audio

1. Turn the ignition to ON.
2. Select **Home**, **Settings**, and **System**.
3. Select **Clock** and **Clock Adjustment**.
4. Press the up/down arrows to adjust the hours and minutes, then select **OK**.



Check/Refresh the XM® Satellite Radio Dealer Demo Service (If Equipped)

The audio system comes from the factory activated with the XM Satellite Radio dealer demo service. Once you install the No. 15 fuse, the XM radio receives the full range of available XM channels. To ensure this service is activated, follow these steps:

1. Turn the ignition to ON.
2. Turn on the audio system.
3. For models without navigation, press the AUX button. For models with navigation, select **Home**, **Audio**, **Source**, and **XM**.
4. Make sure the XM radio is in channel mode, *not* category mode.
5. Tune to channel **001** (the XM preview channel) to make sure you are receiving the XM signal. If you do not get a clear signal, park the vehicle outside where there is a clear view of the southern sky.
6. While watching the display screen, tune to several channels within the full XM lineup. To see the full list of channels, go to www.siriusxm.com.
 - If you can tune to all of the XM channels, the dealer demo service is activated. Tune to channel **001**, and leave the audio system on for 7 minutes to refresh the dealer demo service. No further action is needed.
 - If you can only tune to a few channels like **000**, **001**, and **247**, the dealer demo service is not yet activated, and you need to do an activation refresh. Go to step 7.
7. Tune to **000**, then write down the eight-character radio ID you see on the display screen. You need this ID, your dealer number, and the VIN to do an activation refresh of the dealer demo service. Go to step 8.

NOTE:

- If you cannot tune to channel **000**, you are in category mode. Make sure you are in channel mode.
- Check the ID carefully. The letters I, O, S, and F are not used.

8. Go to an iN workstation.

NOTE: If you do not have access to the iN, call SiriusXM Satellite Radio at **800-852-9696** and follow the instructions from the automated menu. When the agent answers, ask for a rapid dealer activation refresh, then go to step 10.

9. From the iN main menu, click on **SERVICE** and **HCUC XM Radio Demo Activation**. This brings up the **HCUC XM Radio Activation** screen.

NOTE: If you cannot bring up this screen, call the iN Support Center at **800-245-4343**.

10. Enter the eight-character radio ID you wrote down in step 7. Then click on **Submit**. You will see the **ACTIVATION REFRESH** screen once the ID is recognized.

NOTE: If you entered the ID incorrectly, or it was not recognized, you will see an error screen. If this happens, follow the screen instructions.

11. Tune to **001** to make sure you are receiving the XM signal. If you do not get a clear signal, park the vehicle outside where there is a clear view of the southern sky, then go to step 12.
12. Leave the audio system on for at least 10 minutes, then go to step 13.
13. While watching the display screen, tune to several channels within the full XM lineup.
 - If you can tune to all of the XM channels, the dealer demo service is activated. No further action is needed.
 - If you can tune to only a few channels like **000**, **001**, and **247**, repeat steps 8 through 13.
 - If, after two hours, you can only tune to channels **000**, **001**, and **247**, call SiriusXM Satellite Radio at **800-852-9696**. When you hear the automated menu, enter priority code **9466** to route your call to an XM agent. When the agent answers, ask him or her to review the account status and make any needed corrections. If the account status is correct for the vehicle, replace the XM receiver.

NOTE:

- The dealer demo service lasts for 7 months or until the vehicle's RDR (retail delivery registration) is submitted, whichever comes first.
- After the vehicle is registered, the dealer demo service converts to a customer account. The customer gets a 90-day trial service of all available non-premium XM channels. If the customer decides to end the service after that time, the XM radio goes back to preview mode. Normal AM/FM radio reception is not affected by ending the service.
- The XM radio receives digital programming broadcasts from two fixed-orbit satellites near the equator along with a network of ground antennas (repeaters). You will get the strongest signal where there is a clear view of the southern sky.
- The XM radio may lose reception when driving through a tunnel, under an overpass, inside a parking garage, or near the northern face of a canyon or mountain.
- To cut down on reception loss, the XM radio uses a buffer. If the reception loss lasts longer than the buffering period, the signal goes silent.
- Because the signal is digital, any reception loss makes it go silent. The signal does not fade like it does with an AM/FM radio.
- If you ever need to replace the XM receiver, call SiriusXM Satellite Radio at **800-852-9696**. Be prepared to give your dealer number, the VIN, and the radio ID from the printed label on the side of the old and new receiver units.

Check the HandsFreeLink System (Models with HFL)

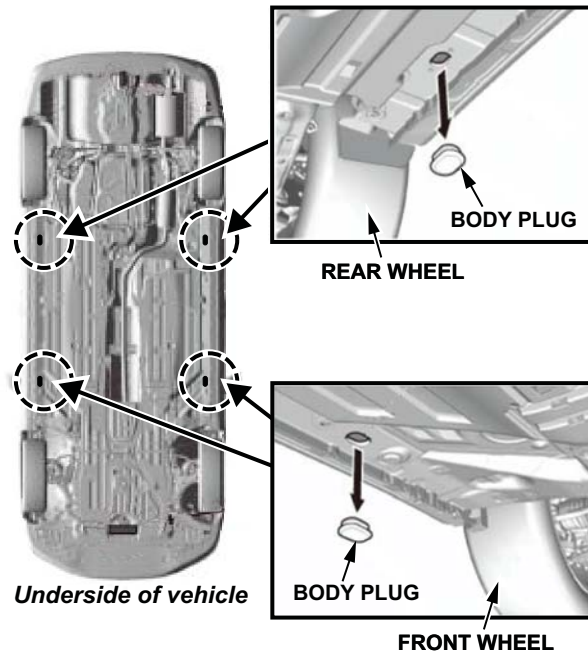
To ensure HFL works and is ready to use, start the engine, then press and hold the Hang-up/Back button on the steering wheel for 10 seconds. You should hear "The HandsFreeLink system is OK." If the system does not work right, see the electronic service manual for troubleshooting information.

Make Sure LaneWatch Works (If Equipped)

Turn the ignition to ON. Press the button on the end of the combination switch to make sure LaneWatch works. Press it again and the LaneWatch image should turn off. Activate the right turn signal and the LaneWatch image should come on.

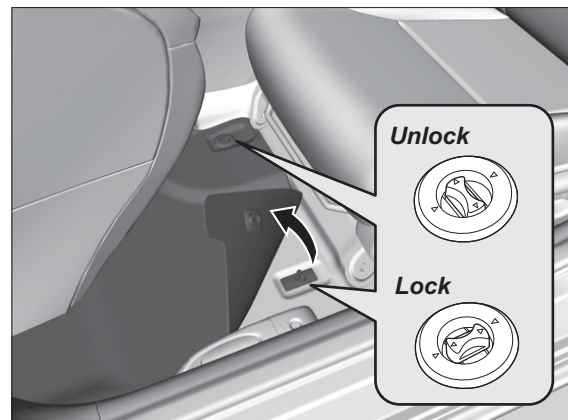
Install the Body Plugs

Four body plugs are in the glove box. Install them into the tie-down holes in front of the rear wheels and near the front of the vehicle.



Install the Floor Mats

The floor mats are in the trunk. Install them in the appropriate positions. Place the driver's floor mat eyelets over the hooks in the floor, then turn the knobs clockwise to the lock position.



Remove the Interior Protective Coverings

Carefully remove all protective coverings. Remove them with clean hands to avoid soiling any surfaces.

Remove the Exterior Protective Coatings

Carefully remove all exterior protective coverings. See Service Bulletin 03-080, *Removal of Protective Coatings During PDI*. Do not remove the rear door tape.