

January 8, 2020

Version 2

**2020 Ridgeline: PDI and New Model Service Information**

Supersedes 19-119 2020 Ridgeline: PDI Information, dated December 4, 2019, to revise the information highlighted in **yellow**.

**AFFECTED VEHICLES**

Year	Model	Trim	
2020	Ridgeline	2WD	AWD
		Sport	Sport
		RTL	RTL
			RTL-E
			Black Edition

**REVISION SUMMARY**

**New Model Service Information - Install the Tailgate Lock Emergency Access Cover was added.**

**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.

## INTRODUCTION

This bulletin covers the pre-delivery inspection (PDI) of the 2020 Ridgeline. It includes these procedures:

1. Remove the Exterior Protective Coatings
2. Install the Back Up Fuse
3. Remove the Interior Protective Coverings
4. Install the Floor Mats
5. Check the Battery
6. Install the Body Plugs
7. Install the Front License Plate Holder and Rear License Plate Hardware
8. Set the Tire Pressures
9. Do the PCM Idle Learn Procedure
10. Do the CKP-Pattern Learn Procedure
11. Check the Remote Engine Start Operation
12. Check the Parking Brake Adjustment
13. Activate the Audio System (Trim Levels Without Navigation)
14. Set the Clock (Trim Levels Without Navigation)
15. Check/Refresh the SiriusXM® Radio Dealer Demo Service (RTL-E and Black Edition) (Except Alaska and Hawaii)
16. Check the Safety and Driver Assistance Indicators
17. Check the Driver's and Front Passenger's Window Auto Up/Down Feature
18. Check the Moonroof One-Touch Feature (RTL, RTL-E, and Black Edition)
19. Reset Trip A and B Meters

To do a PDI on a trim level with the navigation system, be sure to complete S/B 19-120, *2020 Ridgeline: PDI of the Navigation System*.

**This bulletin also includes this new model service information:**

1. Install the Tailgate Lock Emergency Access Cover

## CLAIM INFORMATION

Reimbursement Time: 1.4 hours

### NOTE

This time includes the PDI of the navigation system (if equipped).

## PDI PROCEDURES

### ***Before Starting***

Review these items:

- Perfect Delivery documents, especially the information on battery maintenance and tire pressures
- Checklist in the *PDI and Final Delivery Checklist* booklet

Make sure you record the PDI on the appropriate pages of the checklist. The PDI is not done until this bulletin and the checklist are both complete. Note on the repair order any repairs or problems that cannot be fixed within a few minutes.

Remove all PDI items from the glove box and cargo area.

### ***Starting the Engine Without the Back Up Fuse***

To lower parasitic draw, the vehicle comes from the factory with the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition) removed from the under-hood fuse/relay box. With it removed, the engine will not start when you apply the brake pedal and press the ENGINE START/STOP button.

To start the engine with the BACK UP fuse removed, do the following:

1. Make sure the transmission is in Park. Press the ENGINE START/STOP button once. The indicator will blink.



2. Touch the keyless remote to the ENGINE START/STOP button.



The indicator will switch from blinking to steady when communication is complete.



3. Start the engine by pressing the ENGINE START/STOP button while applying the brake pedal. You must start the engine within **10 seconds** of touching the remote to the button.

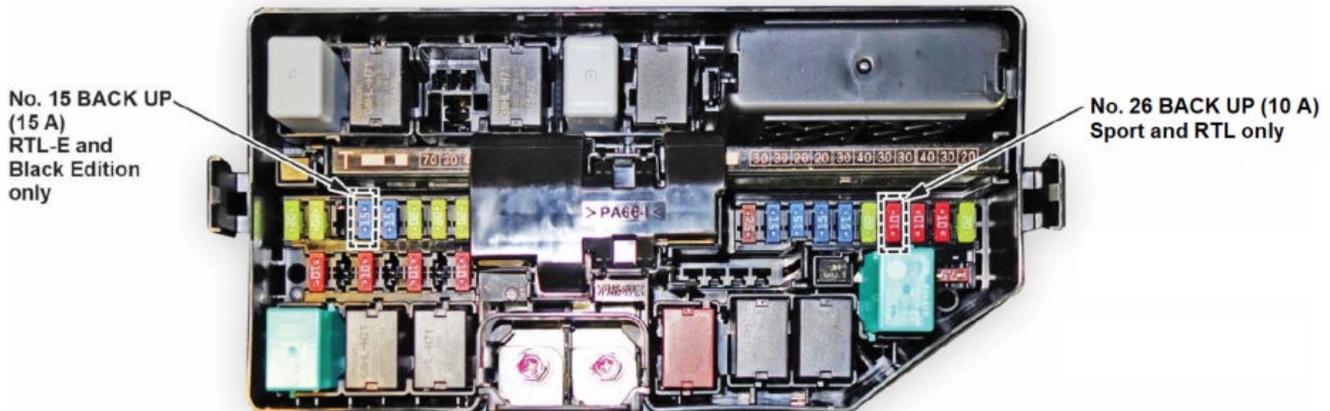
### 1. Remove the Exterior Protective Coatings

Carefully remove all of the exterior protective coatings. See S/B 03-080, *Removal of Protective Coatings During PDI*. Also, be sure to remove the factory sticker from the roof.



## 2. Install the Back Up Fuse

To lower battery drain during vehicle shipping, the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition) is removed from the under-hood fuse/relay box and stored in the glove box. Make sure you turn the ignition to OFF and wait at least **1 minute** before installing the fuse.



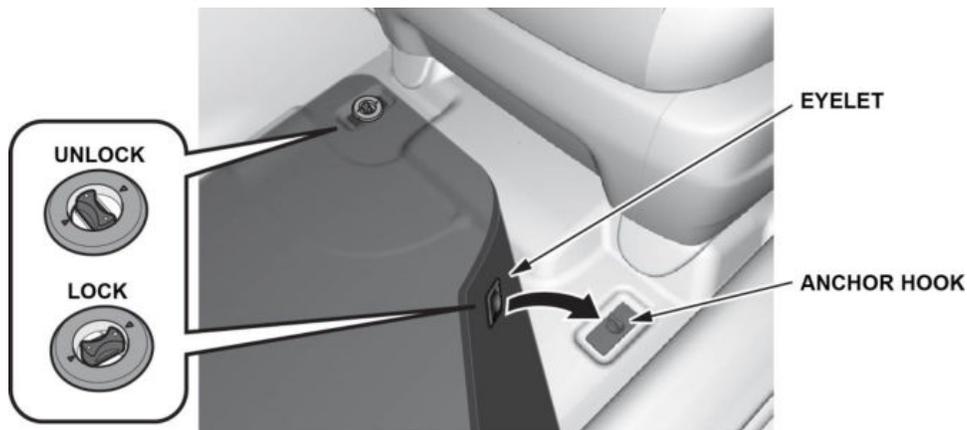
## 3. Remove the Interior Protective Coverings

There are several protective coverings on the interior trim pieces and some areas of the carpet. Carefully remove all interior protective coverings with clean hands to avoid soiling any surfaces.

If any of the interior is dirty, clean it with mild soap or a Honda cleaning product such as the Honda Genuine Interior Car Care Kit (P/N 08700-9311A).

## 4. Install the Floor Mats

Install the floor mats where they belong. Be sure to place the driver's floor mat eyelets over the anchors in the floor and turn the knobs **clockwise** to the lock position. Do the same for the rear floor mats. The anchors for those mats are under the front seats.



## Under-Hood (Engine Cold)

### 5. Check the Battery

This vehicle comes with an absorbed glass mat (AGM) battery. To ensure long battery life and that the customer gets a fully charged battery as outlined in S/B 89-003, *Battery Maintenance at Dealers*, you must check it at these times:

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

If you plan to keep the vehicle in long-term storage, be sure to remove the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition).

Test the battery with the ED-18 battery tester using S/B 88-023, *Battery Testing and Replacement*. Make sure the ED-18 has the latest software installed before using it. See S/B 09-045, *ED-18 Battery Tester Update Information*.

#### NOTES

- When charging an AGM battery, **always** select **AGM**. Serious damage can result if you select **FLOODED (FLA)**. Also, make sure the negative battery lead is connected to the negative battery post. The temperature probe is in the handle of the negative lead. The GR8 monitors battery temperature during charging so that it does not overheat and destroy the battery.
- Always check the battery cables and terminal tightness when testing the battery.

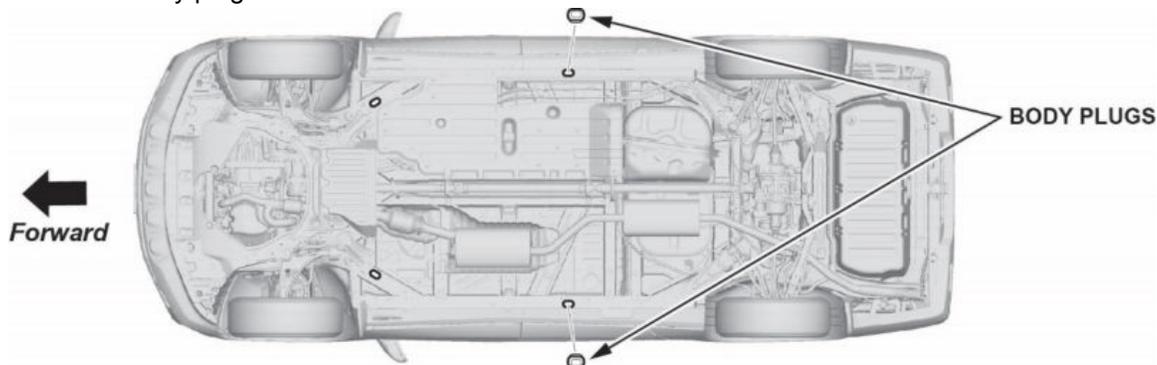
Write down the **GOOD BATTERY** 10-digit code in the Before Starting the PDI section of the *PDI and Final Delivery Checklist*. Test the battery again at vehicle delivery, and charge it if needed. Write down the new code in the Final Inspection (At Delivery) section.

If the ED-18 does not show **GOOD BATTERY** or shows **GR8 DIAGNOSTIC NEEDED**, you must charge the battery with the GR8 battery diagnostic station. Make sure the GR8 has the latest software installed before using it. See S/B 09-060, *GR8 Battery Diagnostic Station Update Information*.

## Vehicle Exterior (Vehicle Raised to Full Height)

### 6. Install the Body Plugs

Install the body plugs as shown.



## ***Vehicle Exterior (Vehicle Lowered to Half Height)***

### **7. Install the Front License Plate Holder and Rear License Plate Hardware**

If state regulations require the use of a front license plate, install the front license plate holder as shown.

- 7.1. Find the two dimples near the middle of the front bumper.
- 7.2. Center the holes in the front license plate holder over the dimples, then attach the holder with the two self-tapping screws.



The remaining screws are used to attach the license plates.

## ***Vehicle Exterior (Vehicle Lowered to Ground)***

### **8. Set the Tire Pressures**

To prevent flat spots during vehicle shipping and storage, the tires are inflated to over **40 psi**. If the vehicle is going into dealer storage, leave the tire pressures at **40 psi** until it is sold. When the vehicle is moved to the sales lot or is sold, adjust the tire pressures as follows:

#### **NOTES**

- Be sure to follow this procedure exactly as written. If you fail to do this, the MID may not show the tire pressures.
  - If you are in a cold climate region, make sure the tires are at the same temperature as the outside air before adjusting the pressures; otherwise, the Low Tire Pressure/TPMS indicator may come on in cold weather.
- 8.1. Turn the ignition to ON.
  - 8.2. Use a tire pressure gauge with a bleeder valve to quickly lower the pressure in each tire to around **28 psi**.
  - 8.3. Set the pressure in each tire to the recommended value listed on the driver's doorjamb label, and check it with a hand-held gauge.
  - 8.4. Test-drive the vehicle for at least **2 minutes** above **15 mph**. If the MID does not show the tire pressures, make sure you completed the test-drive as specified.

Be sure to check the pressure in the spare tire (if equipped).

## ***Under-Hood (Engine Idling)***

### **9. Do the PCM Idle Learn Procedure**

To ensure a steady engine idle, do the PCM idle learn procedure as follows after installing the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition).

#### **NOTES**

- The PCM idle learn procedure must also be done after updating or replacing the PCM. It does not need to be done after clearing DTCs.
  - Failure to do this procedure correctly may result in poor shift quality.
- 9.1. Start the engine with the transmission in Park, and make sure all electrical items (A/C, audio unit, rear window defogger, lights, etc.) are turned off.
  - 9.2. Wait for the engine to reach operating temperature (the cooling fans cycle twice).
  - 9.3. Let the engine idle for **10 minutes** with the throttle fully closed.
  - 9.4. Turn the ignition to OFF.
  - 9.5. Jump the SCS line with the i-HDS.
  - 9.6. Wait **60 seconds**, then exit the SCS mode.

### **10. Do the CKP-Pattern Learn Procedure**

To ensure proper engine operation, do the CKP-pattern learn procedure after doing the PCM idle learn procedure. Do it on a level road during your PDI test-drive.

#### **NOTES**

- Make sure all electrical loads (A/C, heated seats, audio unit, etc.) are turned off before doing this procedure.
  - **Failure to do this procedure correctly may result in poor driveability along with misfire DTCs.**
- 10.1. While driving on a level road, decelerate from **2,500 rpm** to **1,000 rpm** with the shift lever in Low and the throttle fully closed.
  - 10.2. Repeat step 10.1 three times.

## Vehicle Interior

### 11. Check the Remote Engine Start Operation

#### *Starting the Engine*

##### **NOTE**

Make sure all doors, the hood, and the tailgate are closed before remotely starting the engine.

Press the Lock button on the remote transmitter, then within **5 seconds**, press and hold the Remote Engine Start button until the outside turn signals blink. The engine will run for **10 minutes**. If the engine did not start or the exterior lights did not blink, the remote was not able to communicate with the vehicle.

While the remote engine start is turned to ON, the climate control system adjusts the cabin temperature, the security system stays on, and the gauges, exterior lights, and accessories stay off. Even though the engine keeps running when you open the driver's door with the remote or keyless access, to allow continuous engine operation, you need to apply the brake pedal and press the ENGINE START/STOP button to turn on the gauges, exterior lights, accessories, and to shift from Park.

#### *Stopping the Engine*

The engine will stop running after **10 minutes**. If you want to stop the engine before that time is up, press and hold the Remote Engine Start button for **1 second**. The engine will shut off, and the exterior lights will blink once. If the engine does not shut off or the exterior lights did not blink, the remote was unable to communicate with the vehicle.

### 12. Check the Parking Brake Adjustment

The parking brake pedal should lock within **9 to 11 clicks** with **66 lb-ft (294 N·m)** of force applied. If it does not lock within this specification, adjust the parking brake cable.

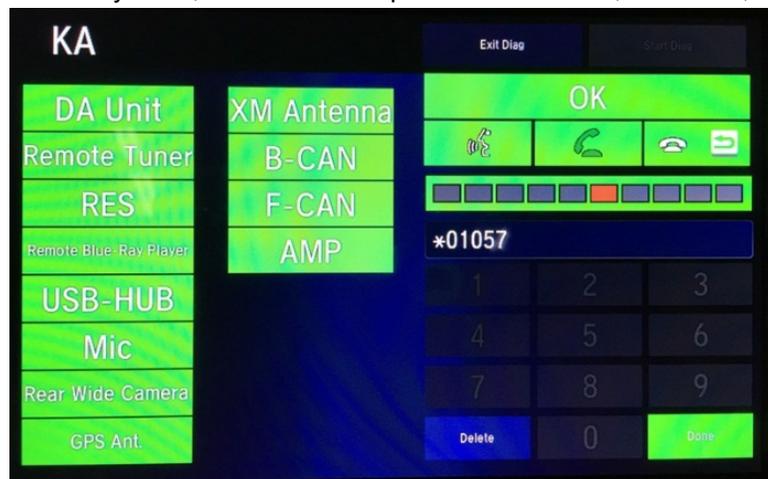
Remember that cable tension is critical. If you adjust the cable too loose, the parking brake might not sufficiently hold the vehicle and the cable may rattle while driving. If you adjust it too tight, the parking brake may drag or overheat. An over-tightened cable can also cause the parking brake shoes to lift off the anchor block and rattle while driving.

### 13. Activate the Audio System (Trim Levels Without Navigation)

After installing the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition), turn the ignition to ON, then press and hold the VOL/Power AUDIO knob for at least **2 seconds**. This synchronizes the audio unit with the vehicle and initializes the system for use.

#### NOTE

You may see the factory **InLine Diagnostics** screen below, which means the audio unit is in the factory diagnostic mode. If you do, follow these steps to exit the mode; otherwise, skip them.



- Select **START DIAG**.
- Press and release all of the buttons on the steering wheel that are shown in the **InLine Diagnostics** screen. The icons should turn green.
- Press and release the Talk button. Make a loud sound (like snapping your fingers or clapping your hands), or say "Testing" in a normal voice toward the microphone in the ceiling console. The mic level indicator should reach at least six bars.
- When you have completed all of the tests, the icons will be green. If any of them are red, troubleshoot the applicable system. Refer to the service information. Select **EXIT DIAG** to exit the mode.
- Turn the ignition to OFF, then to ON, to make sure the **InLine Diagnostics** screen does not reappear.

If the vehicle is to be moved to the showroom or sales lot, enter a local AM or FM station on all of the audio unit presets. To enter a station, tune to it, change the screen to the preset screen, then press and hold the preset number that you want that station stored at. If the vehicle is sold, be sure to enter only what is listed on the completed personal settings sheet.

### 14. Set the Clock (Trim Levels Without Navigation)

Turn the ignition to ON, then follow these steps:

- 14.1. Press the MENU/CLOCK button.
- 14.2. Select **Adjust Clock**.
- 14.3. Select the hour, and adjust as needed.
- 14.4. Select the minutes, and adjust as needed.
- 14.5. Select **Set** when done.

## 15. Check/Refresh the SiriusXM® Radio Dealer Demo Service (RTL-E and Black Edition) (Except Alaska and Hawaii)

The audio system comes from the factory activated with the SiriusXM® Radio dealer demo service. Once you install the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition), the system receives the full range of available channels. You can see a full list of available channels at [www.siriusxm.com](http://www.siriusxm.com).

While watching the display, tune to several channels within the full channel lineup. The dealer demo service is activated when you can tune to all of the channels.

## 16. Check the Safety and Driver Assistance Indicators

When you first turn the ignition to ON, these indicators should come on for a few seconds and then go off.

- ACC (Adaptive Cruise Control)
- Collision Mitigation Braking System™
- LKAS (Lane Keeping Assist System)
- Road Departure Mitigation



## 17. Check the Driver's and Front Passenger's Window Auto Up/Down Feature

Make sure the driver's and front passenger's window auto up/down feature works right. From the main switch control, when you firmly press the window switch and then release it, the window should fully open; when you firmly pull back the switch and release it, the window should fully close.

If it does not work right, initialize the auto up/down feature for each front window (once from the driver's seat and once from the front passenger's seat). Do the power window control unit reset procedure in the service information.

### NOTE

Initialize the auto up/down feature after replacing any window parts or installing accessory door visors. Initialization is not needed after disconnecting/connecting the battery.

## 18. Check the Moonroof One-Touch Feature (RTL, RTL-E, and Black Edition)

Make sure the moonroof one-touch feature works right:

- When you firmly pull the moonroof switch back and release it, the moonroof should fully open.
- When you firmly push the switch forward and release it, the moonroof should fully close.
- When you push up on the switch and release it, the moonroof should tilt.

If the moonroof does not work right, do the moonroof control unit reset procedure in the service information.

## 19. Reset Trip A and B Meters

If the vehicle is driven with the No. 26 BACK UP (10 A) fuse (Sport or RTL) or No. 15 BACK UP (15 A) fuse (RTL-E or Black Edition) removed, trip A and B meters can incorrectly add mileage, showing more miles than the total odometer reading. Be sure to reset the trip meters at the PDI. To do this, display the trip meter then press and hold the RESET button until the meter reads **0.0**.

## NEW MODEL SERVICE INFORMATION

### 1. Install the Tailgate Lock Emergency Access Cover

The tailgate lock emergency access cover is included in the glove box. Remove the built-in key from the smart entry remote by sliding the release knob. Use the built-in key to install the cover and lock it into place.



END