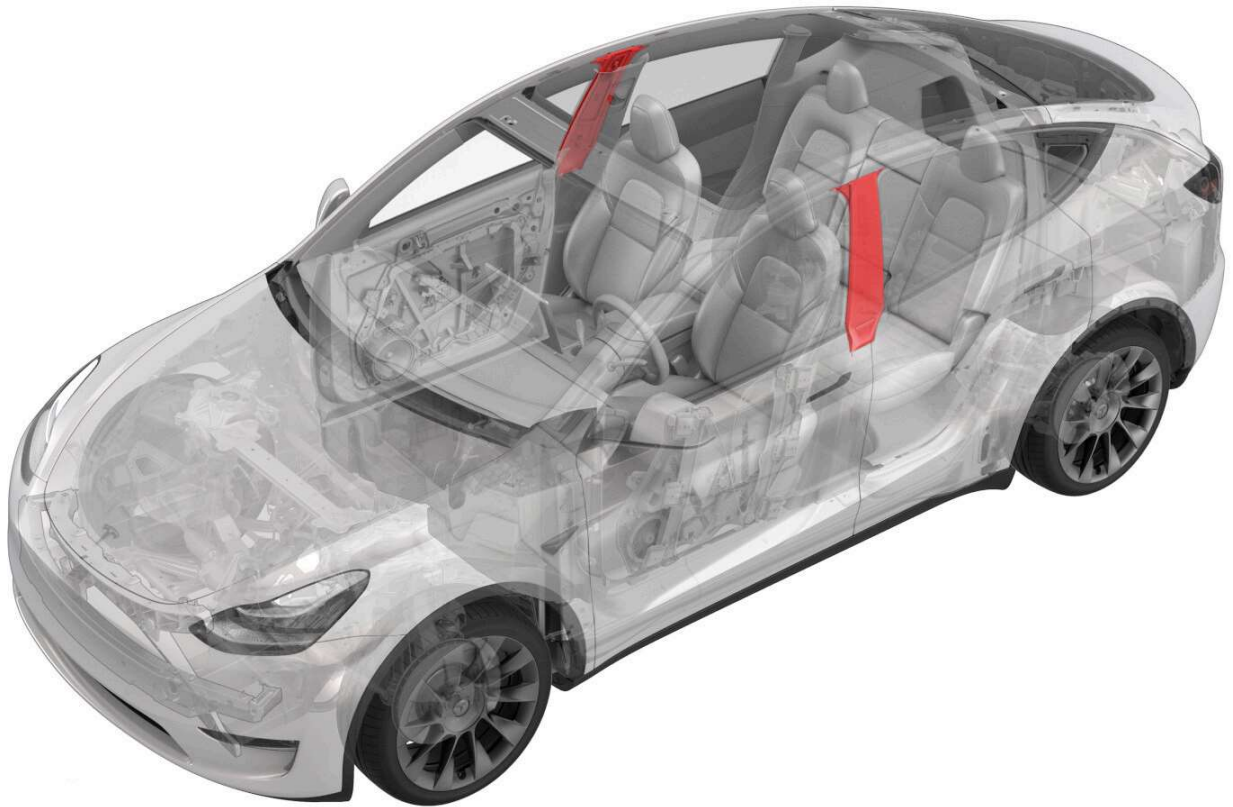


Last modified: 27/11/2023 21:59:53

Applique - B-Pillar - LH (Remove and Replace)



Correction code 12200102

FRT 0.18

NOTE: Unless otherwise explicitly stated in the procedure, the above correction code and FRT reflect all of the work required to perform this procedure, including the linked procedures. **Do not stack correction codes unless explicitly told to do so.**

NOTE: See [Flat Rate Times](#) to learn more about FRTs and how they are created. To provide feedback on FRT values, email LaborTimeFeedback@tesla.com.

NOTE: See [Personal Protection](#) to make sure wearing proper PPE when performing the below procedure.

Revision History:

- 2023-11-28: Added camera connection test.

Note

Replacing the B-pillar applique also replaces the following components:

- LH B-Pillar Applique - Replaces the LH side-view DAS camera, the external NFC key card reader, and the LH Bluetooth endpoint.

- RH B-Pillar Applique - Replaces the RH side-view DAS camera and the RH Bluetooth endpoint.

Remove



Warning

Whenever a camera has been moved out of its original position (for example, a camera or windshield replacement), camera calibration data must be cleared using the vehicle touchscreen: **Controls** > **Service** > **Camera Calibration** > **Clear Calibration**.

1. Open the LH front and rear doors and lower the LH front and rear windows.
2. Release the LH rear primary seal from the B-pillar area.

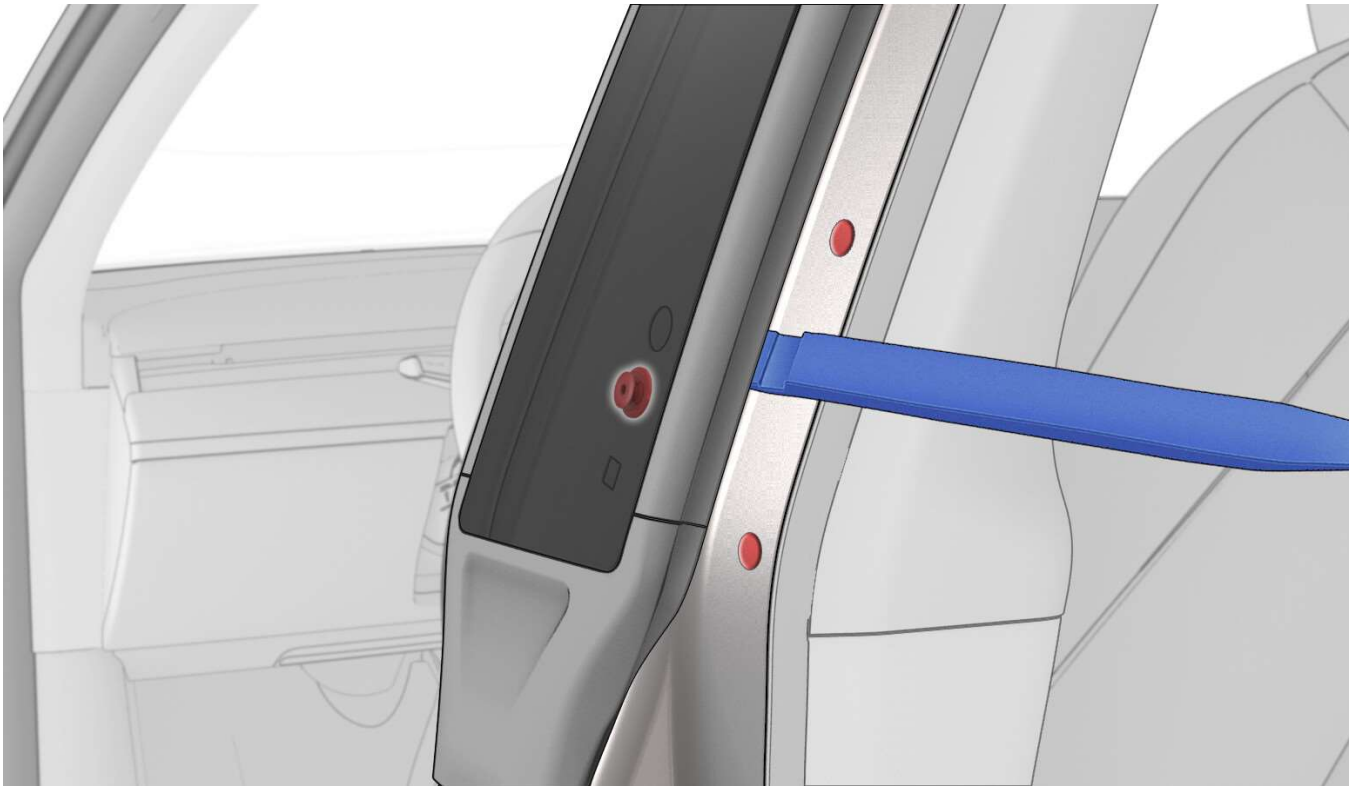


3. Release the trim clip that attaches the lower B-pillar applique to the B-pillar.



Note

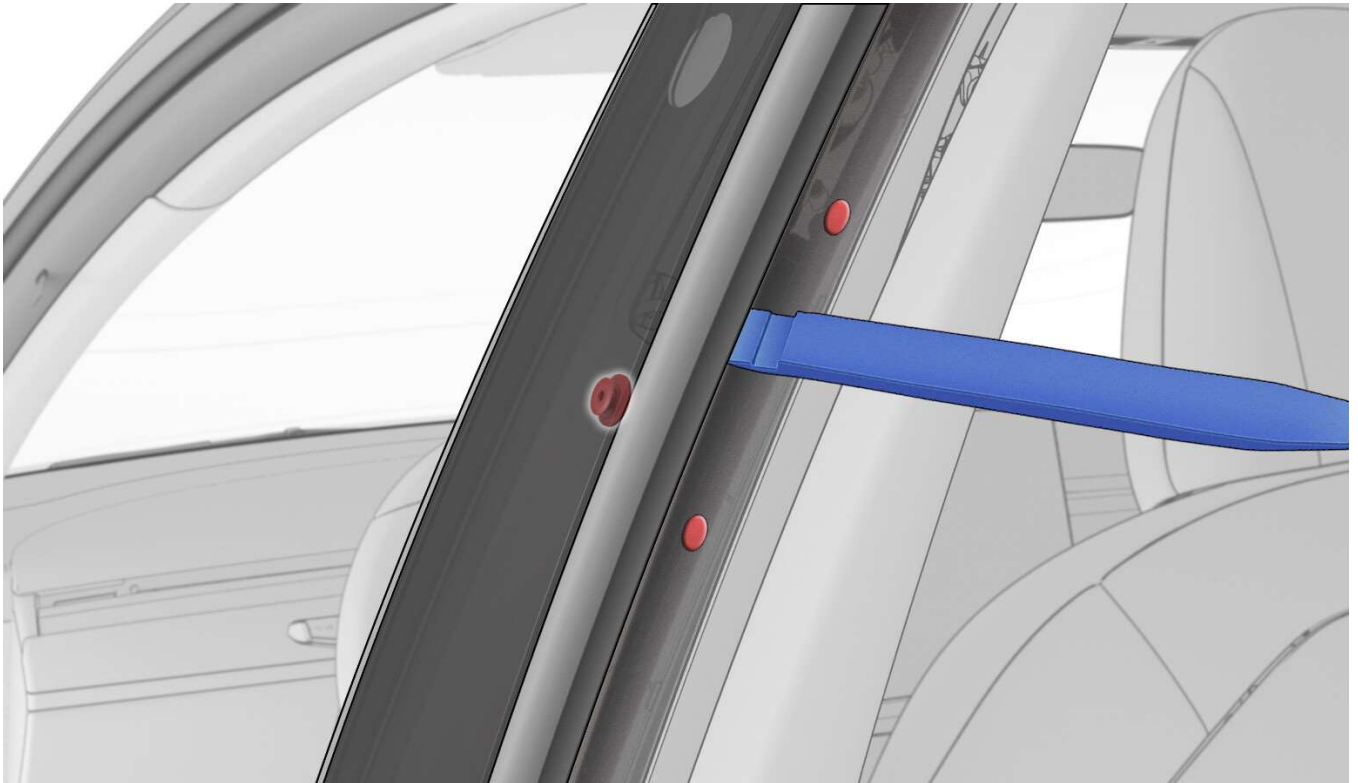
Insert the clip prytool between the lower spot welds on the B-pillar, and under the B-pillar applique seal.



4. Release the trim clip that attaches the upper portion of the B-pillar applique to the B-pillar.

i Note

Insert the clip prytool between the upper spot welds on the B-pillar, and under the B-pillar applique seal.



5. Slide the B-pillar applique down slightly to release the assembly from the body, and then disconnect the camera connectors from the B-pillar applique.

**CAUTION**

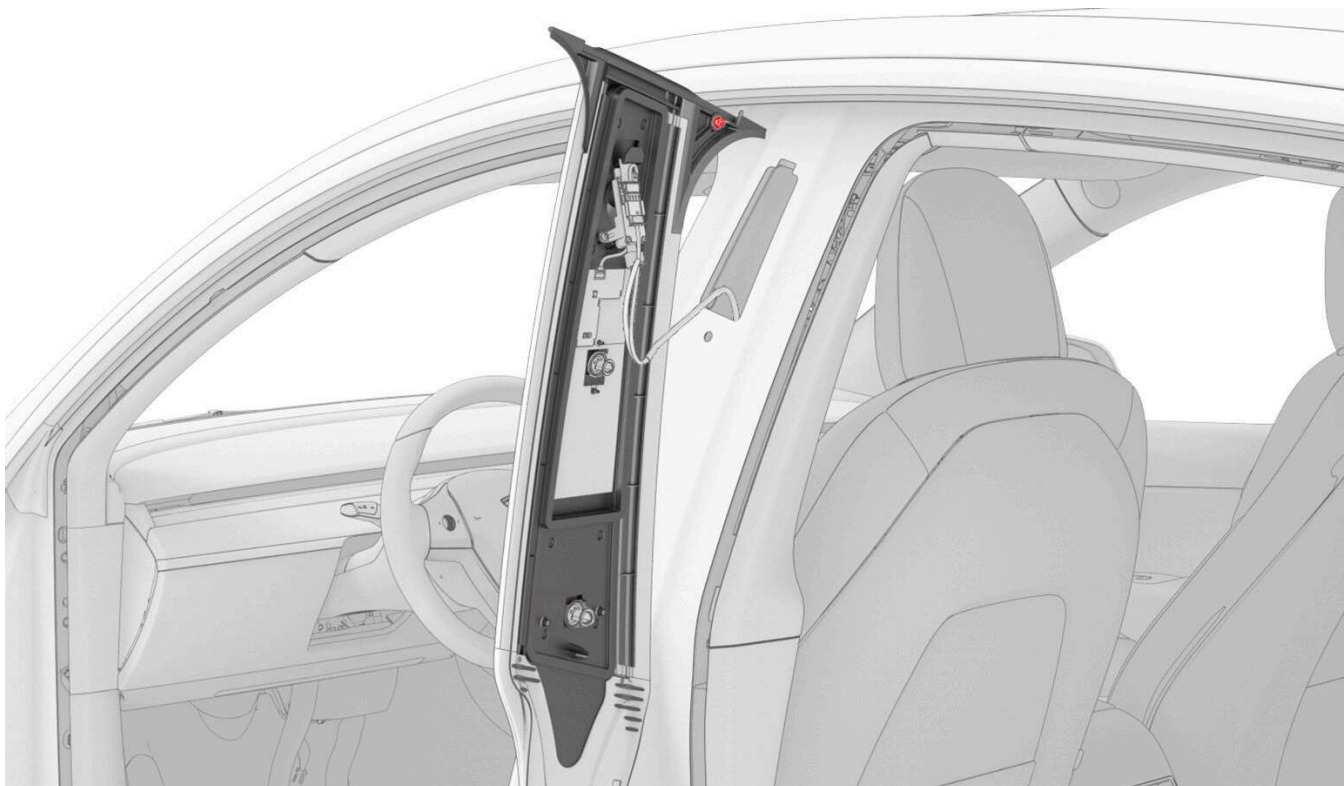
Use caution not to damage the camera connectors.



6. Release the clip that attaches the B-pillar applique seal to the vehicle, and then remove the applique from the vehicle.

**CAUTION**

Slide the clip prytool underneath the clip to release it from the body. The clip is glued to the seal and will tear if the pry tool is engaged at the seal clip.



Install

1. Remove residual adhesive from the LH B-pillar and clean the surface with an IPA wipe.

 **Note**

Allow 1 minute for the IPA to dry.

2. Connect the camera connectors to the B-pillar applique, and then position the applique onto the vehicle.

**Note**

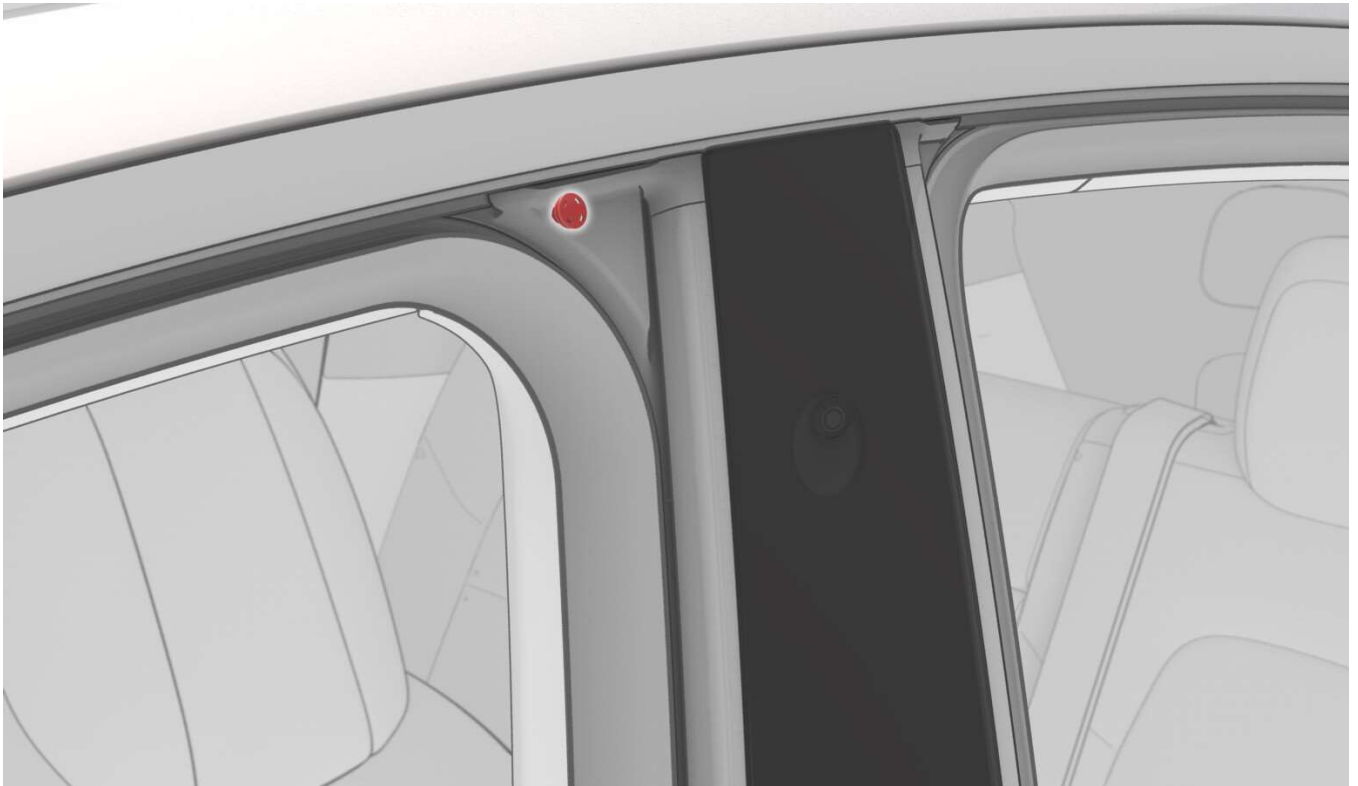
Ensure the connector lock is fully engaged.



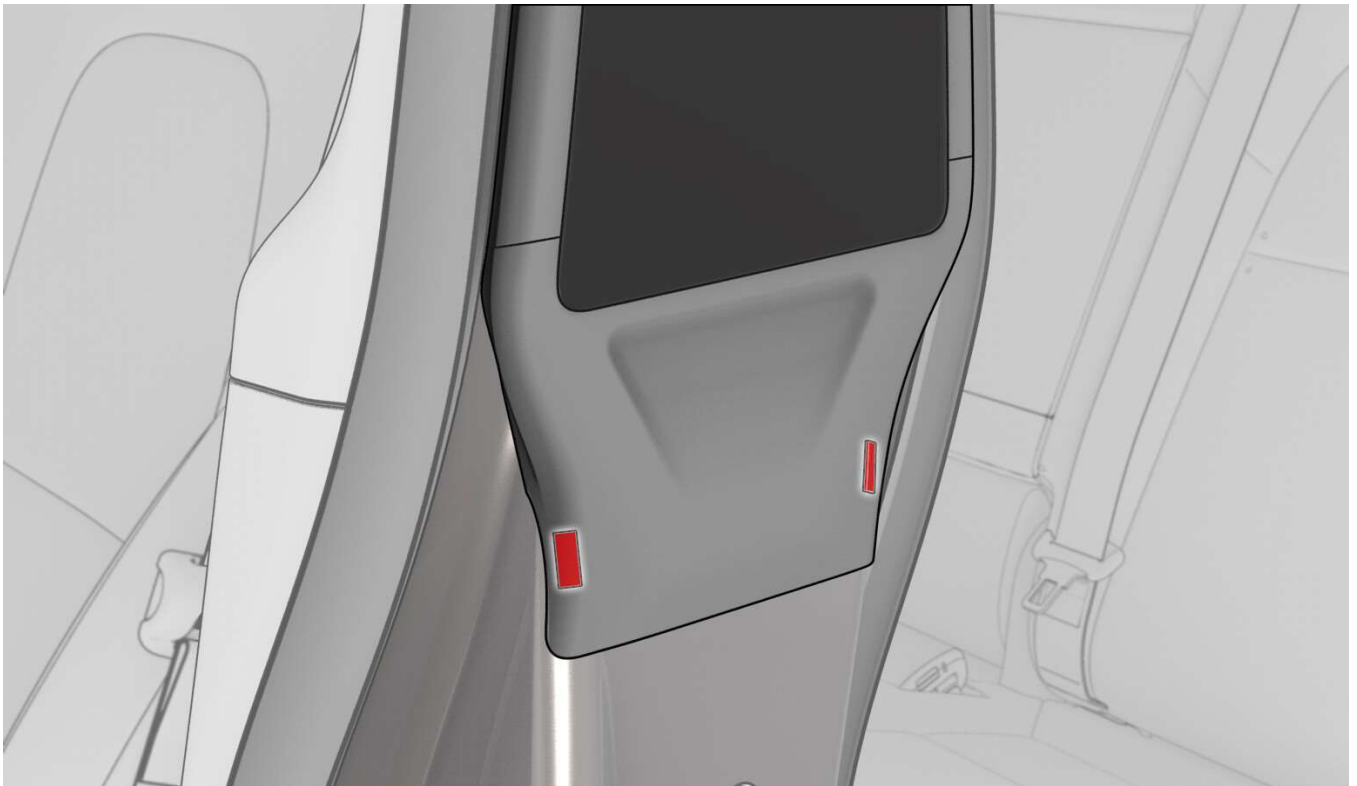
3. Position the B-pillar applique onto the vehicle, and then engage the clips that attach the B-pill applique to the vehicle.



4. Engage the clip that attaches the upper LH B-pillar seal to the vehicle.




5. Gently press the double sided tape that attaches the lower portion of the B-pillar applique sea to the vehicle.



6. Install the LH rear primary body seal onto the B-pillar.
7. Close the LH rear door.
8. **HW4 cameras only:** Run the camera connection test to update the new camera's firmware.

Note

DAS Cameras are not CAN modules and cannot be updated via firmware reinstall or "Part Replacement Deploy".

1. Locally connect a laptop with Toolbox 3 to the vehicle. See [Toolbox 3 \(Connect and Disconnect\)](#) .
2. Click on the **Actions** tab, search for "calibration mode", and then **Run** the **DAS Enter Calibration Mode** routine.
3. Click on the **Actions** tab, search for "camera connection test", and then **Run** the routine that corresponds with the camera that was replaced (e.g., **Left B-Pillar Camera Connection Test** **Front Camera Connection Test**).

Note

The forward facing bi-camera assembly consists of two individual cameras that must be updated separately: **Front Camera Connection Test** and **Fisheye Camera Connection Test**. Make sure to update firmware on the cameras that were replaced.

Note

If 2 versions of the same routine are displayed, **Run** the routine that contains "-SCRIPT" in the "Path" field.

4. In the Camera Connection Test prompt, change the "Timeout" to "100", and then **Run** the routine.

Note

This routine will update the camera's firmware and then confirm that the camera is connected.

Left B-Pillar Camera Connection Test

Left B-Pillar Camera Connection Test



9. Reinstall the vehicle firmware. See [Software Reinstall - Touchscreen](#) .

Note

Skip this step if reinstalling the original B-pillar applique assembly that came with the vehicle.

10. Connect a laptop with Toolbox 3 to the vehicle.
11. In Toolbox, click on the "Dashboard" tab.
12. Click on "Service Tools".
13. Click on "DAS Image Capture".
14. Click on "Clear Calibration Pillars".
15. Click on "Capture Image" to check the current settings.
16. Review the images to make sure all cameras are able to capture images correctly.
17. Verify that all key cards work on the B-pillar applique as designed.
18. Disconnect the laptop from the vehicle.
19. Inform the customer that manual driving is now required to allow the camera to self-calibrate.

Note

Self-calibration can take up to 100 miles (160 km) of manual driving, depending upon the road type and condition. Until self-calibration is complete, the message "Autopilot Features Currently Unavailable: Manual Driving Required While Camera Is Calibrating" is displayed if an attempt is made to engage an Autopilot feature.