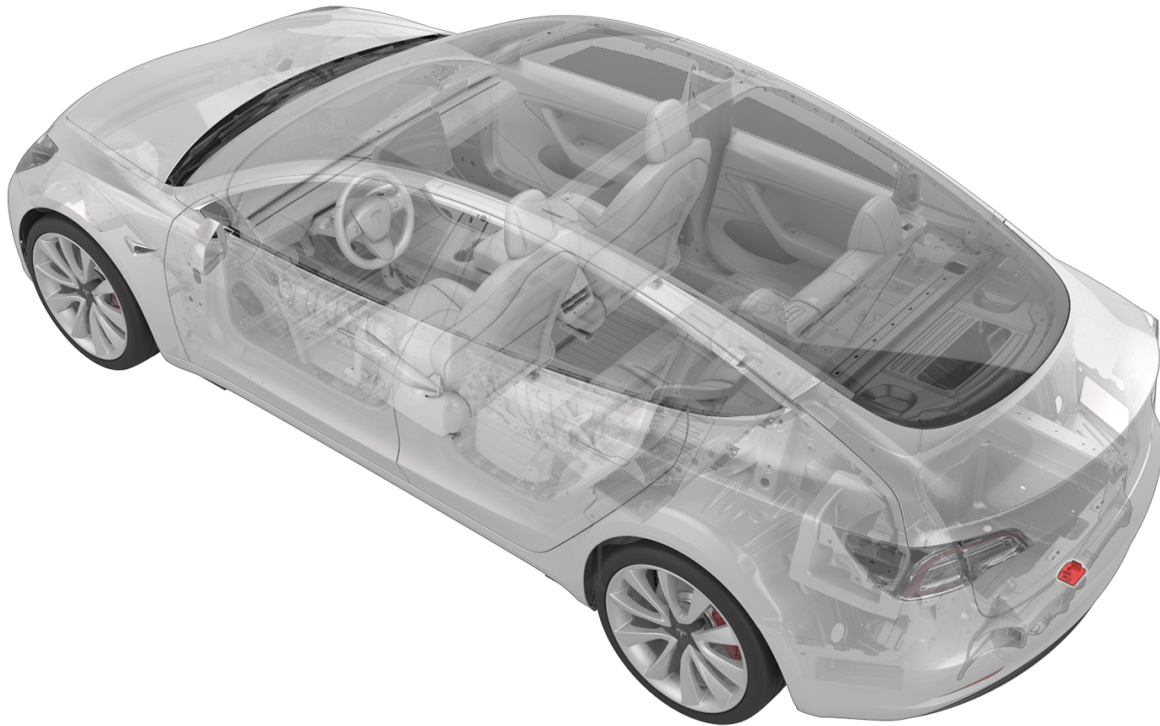


Last modified: 19/02/2020 15:14:47

## ECU – Trailer Hitch (Remove and Replace)



Correction code 12302102

FRT 0.50


**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](mailto:LaborTimeFeedback@tesla.com). Make sure to wear proper PPE when performing below procedure.

## Torque Specifications

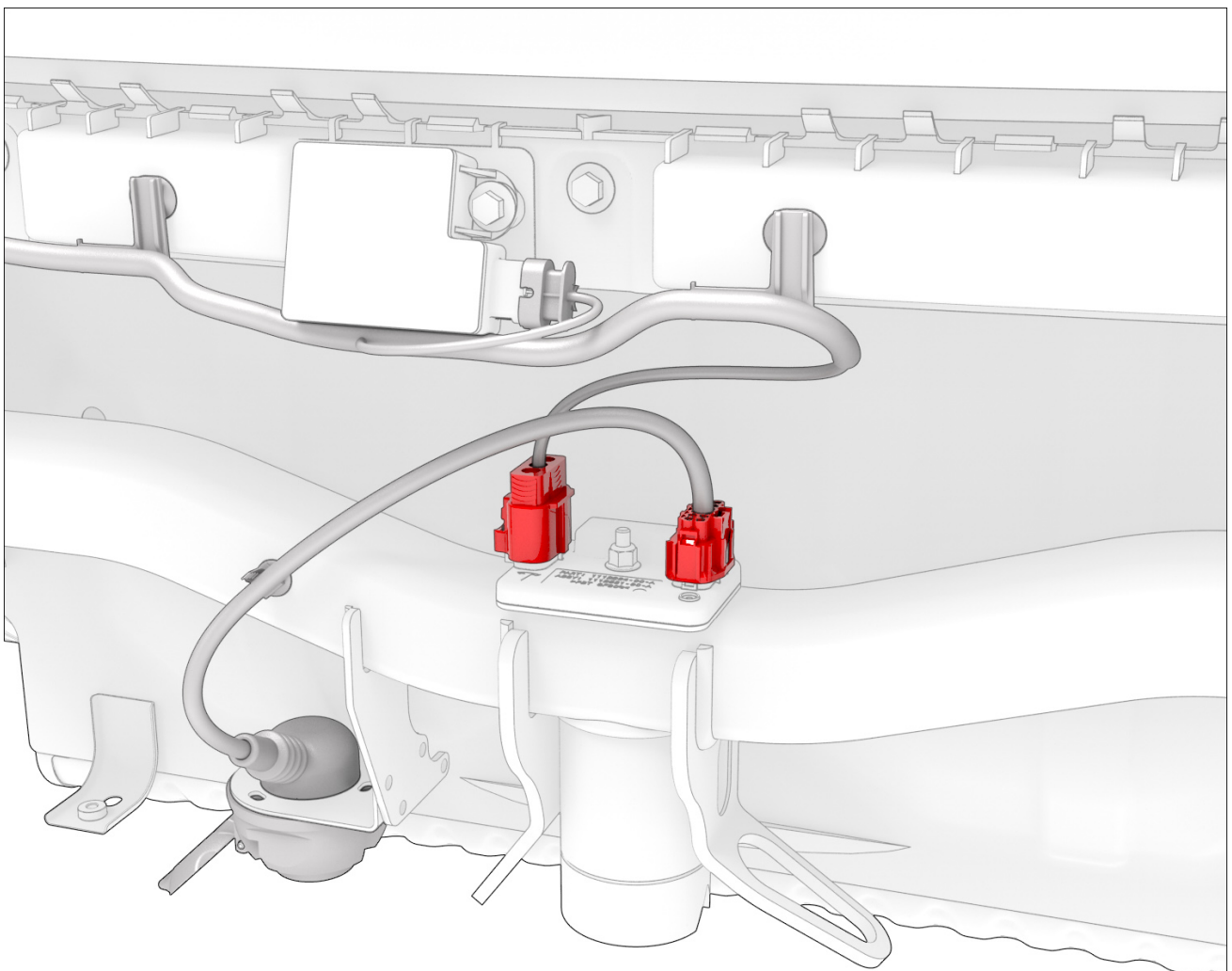
Table 1. Torque Specifications: ECU – Trailer Hitch (Remove and Replace)

Description	Torque Value	Recommended Tools	Reuse/Replace	Notes

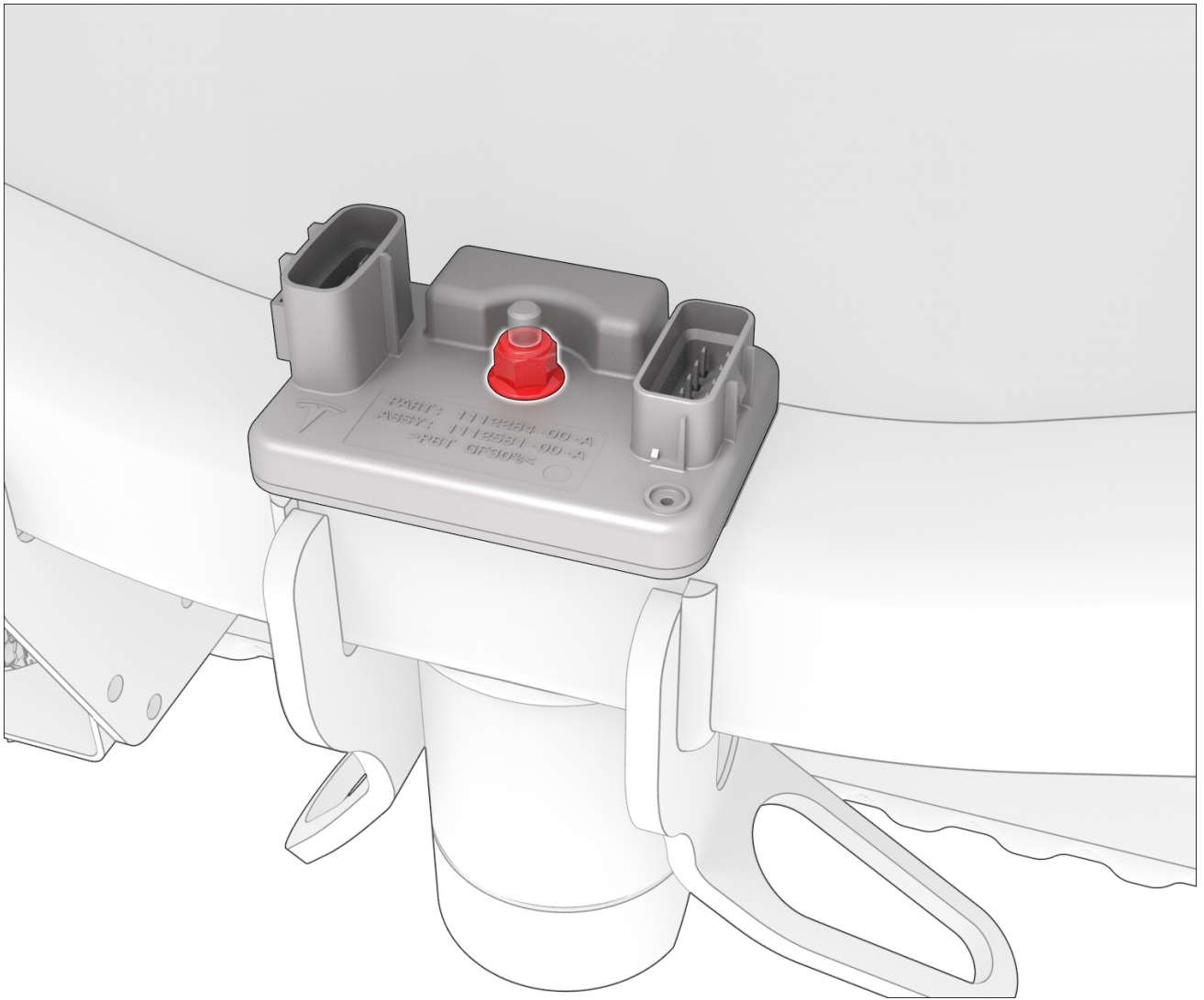
Description	Torque Value	Recommended Tools	Reuse/Replace	Notes
Trailer hitch ECU to trailer hitch assembly stud	 <b>Torque 6 Nm</b>	<ul style="list-style-type: none"> <li>• 10 mm deep socket</li> <li>• ¼ in std ratchet</li> <li>• ¼ in torque wrench (installation only)</li> </ul>	Reuse	

## Remove

1. Remove the rear fascia. See [Fascia - Rear \(Remove and Install\)](#).
2. Disconnect the trailer hitch jumper harness and body harness electrical connectors from the trailer hitch ECU.



3. Using a 10 mm deep socket, remove the nut that attaches the trailer hitch ECU to the stud on the trailer hitch assembly.



4. Remove the trailer hitch ECU from the trailer hitch assembly.

## Install

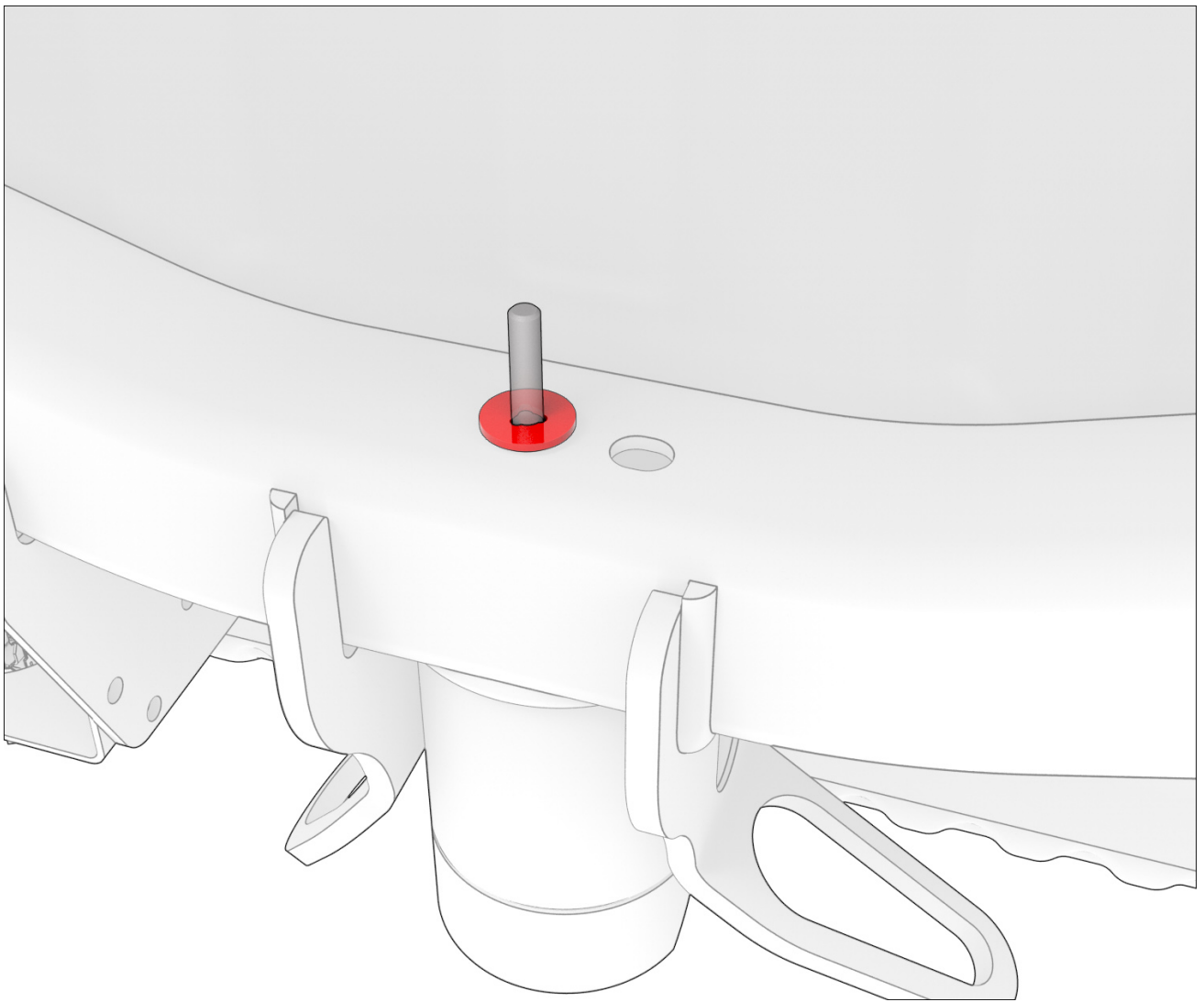
1. Inspect the base of the stud on the trailer hitch assembly for a beveled shoulder or epoxy washer:

- If the stud has an epoxy washer or the base of the stud has a shoulder that is greater than 0.8 mm, continue to the next step.
- If the stud does not have an epoxy washer and the base of the stud has a shoulder that is 0.8 mm or less, place an epoxy washer (1016456-00-B or later) onto the stud before installing the ECU.



### CAUTION

Installing the ECU onto a stud that does not have a washer or a shoulder that is greater than 0.8 mm may result in damage to the ECU when tightening the nut.



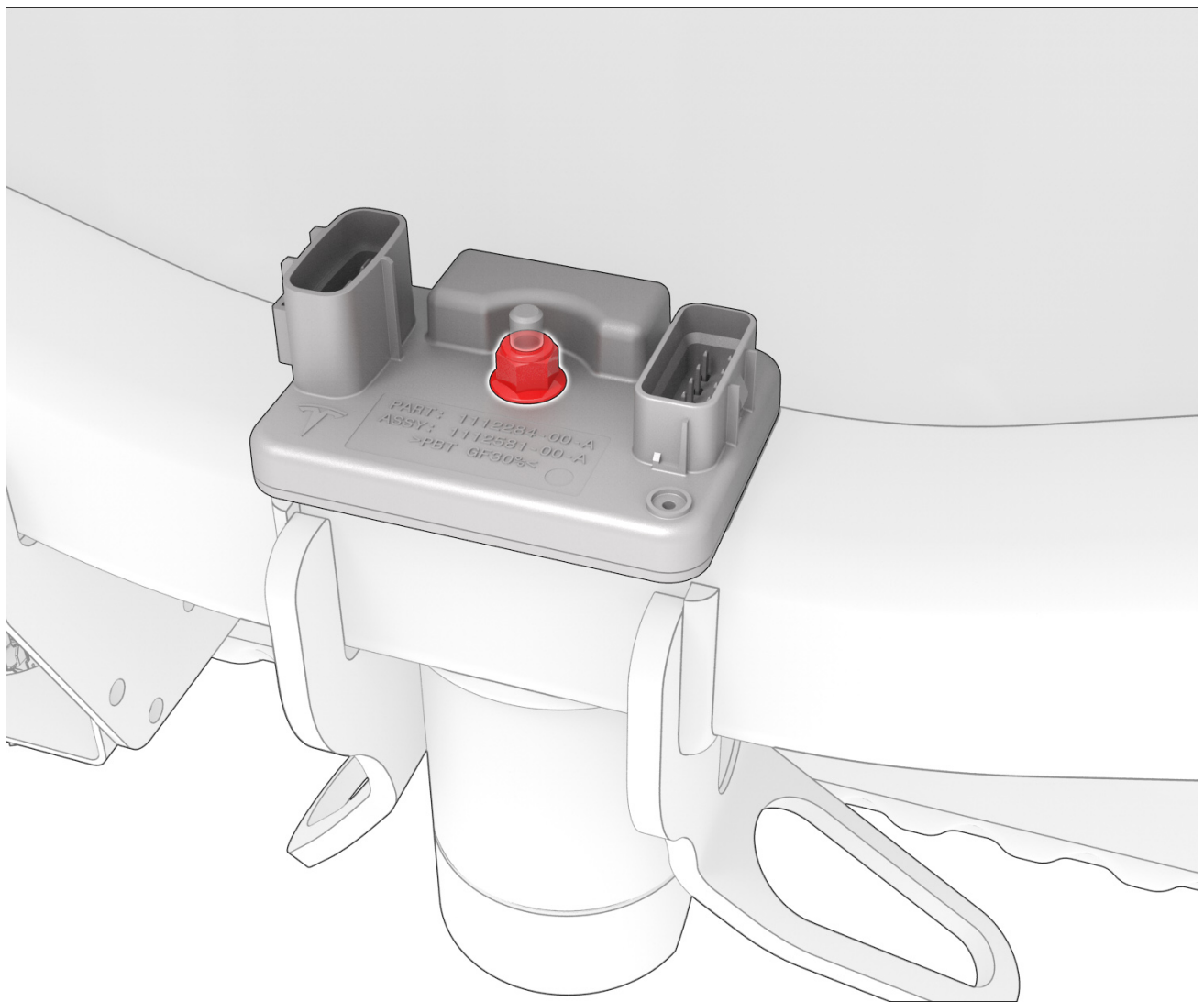
2. Move the trailer hitch ECU into place so that the stud on the trailer hitch assembly goes through the hole in the ECU. Install the nut that attaches the trailer hitch ECU to the stud on the trailer hitch assembly.



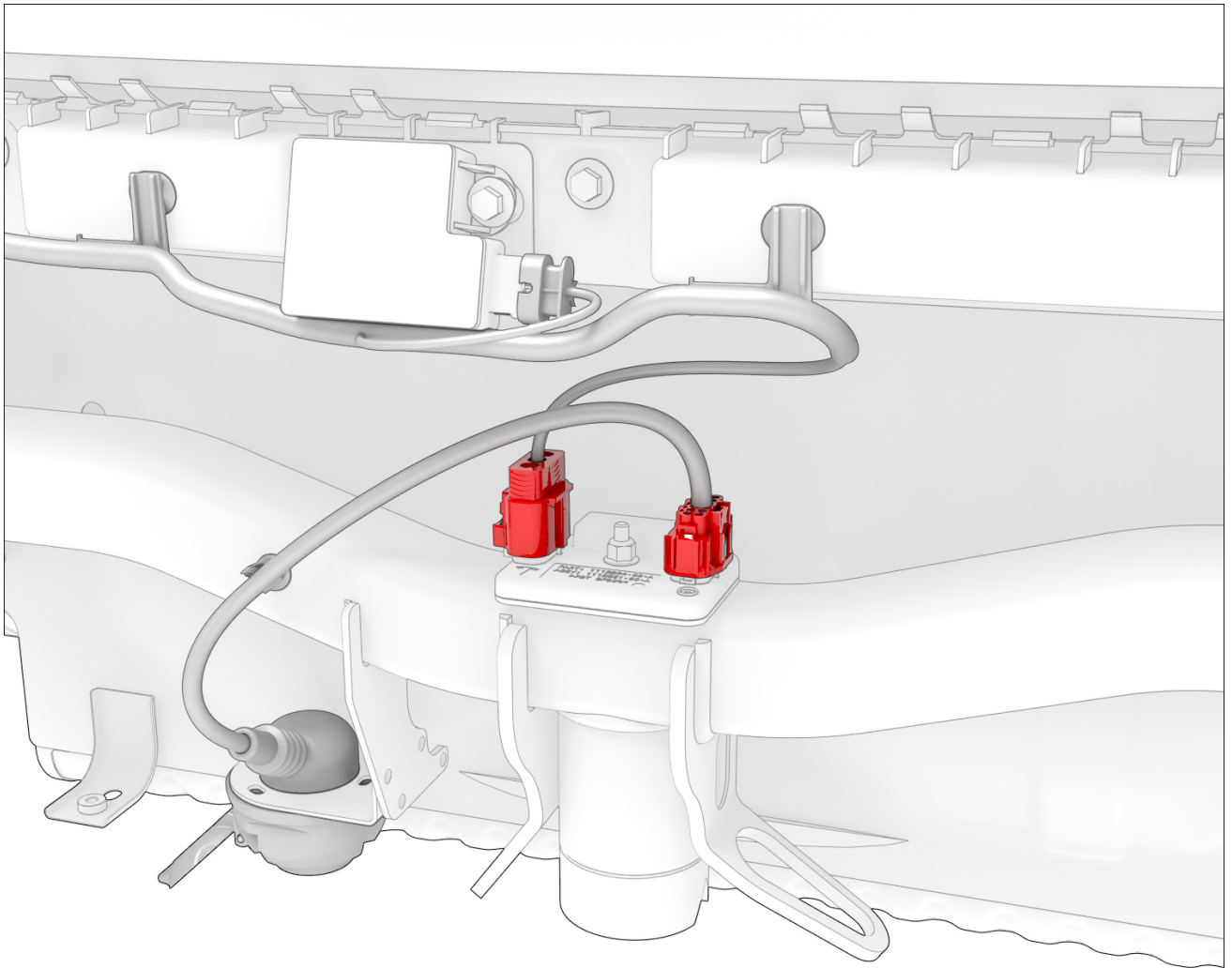
**Torque 6 Nm**

Tip: Use of the following tool(s) is recommended:

- 10 mm deep socket
- ¼ in std ratchet
- ¼ in torque wrench (installation only)



3. Connect the trailer hitch jumper harness and body harness electrical connectors to the trailer hitch ECU.



**4.** Install the rear fascia. See [Fascia - Rear \(Remove and Install\)](#).