Last modified: 17/10/2022 14:58:45

Headlight - LH (Remove and Replace)

Correction code 17400102
FRT 0.40

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.

⚠️ **Warning**
The video(s) included in this procedure are meant as an overview for supplemental purposes only. Follow all of the steps listed in the procedure to avoid damage to components and/or personal injury.
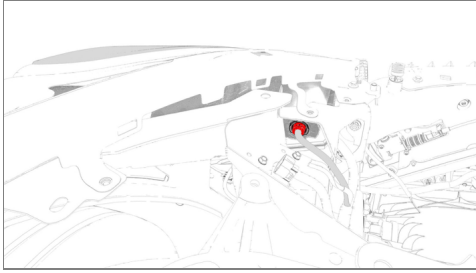
Torque Specifications

Table 1. Torque Specifications: Headlight - LH (Remove and Replace)

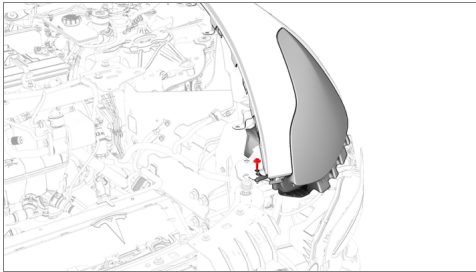| Description	Torque Value	Recommended Tools	Reuse/Replace	Notes
Screws that attach the headlight to the body	5.9 Nm (4.4 ft-lbs)	• 10 mm socket • ¼ in std ratchet • ¼ in torque wrench (installation only) • 2 in extension	Reuse	
Bolt that attaches the fender bracket to the body	3 Nm (2.2 ft-lbs)	• Torx T20 socket • ¼ in std ratchet • ¼ in torque wrench (installation only) • 4 in extension	Reuse	

Remove

1. Open the LH front door and lower the LH front window.

2. Verify that network connectivity is available to the vehicle by the words "3G", "4G", "LTE", or the WiFi icon appearing in the upper right corner of the touchscreen.

3. Enable Service Mode. See Service Mode ⊕ .

4. Touch **Controls** (vehicle icon), and then touch **Service Mode**.

5. Touch **SOFTWARE REINSTALL**, and then touch **REQUEST**.

6. Remove the front fascia. See Fascia - Front (Remove and Install) ⊕ .

7. Disconnect the electrical connector from the LH headlight.
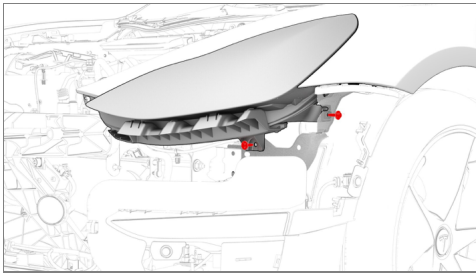

> ℹ **Note**
> **If the connector has a red locking tab:** DO NOT push down on the red locking tab. Pull the tab away from the connector until the connector is unlocked, and then continue pulling to release the connector.

8. Remove the fastener(s) that attach the LH headlight to the body.

> ℹ **Note**
> The headlight might not be equipped with a lower fastener.

Tip: Use of the following tool(s) is recommended:
- 10 mm socket
- ¼ in std ratchet
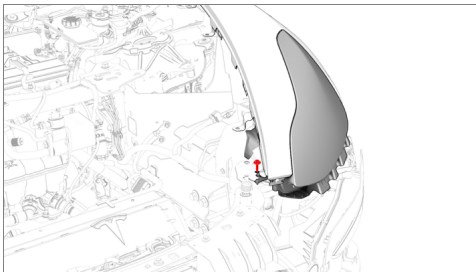- ¼ in torque wrench (installation only)
- 2 in extension

9. Remove the headlight from the vehicle.

Install

1. Position the LH headlight onto the body.

> ⚠ **CAUTION**
> Do not damage the headlight during installation.

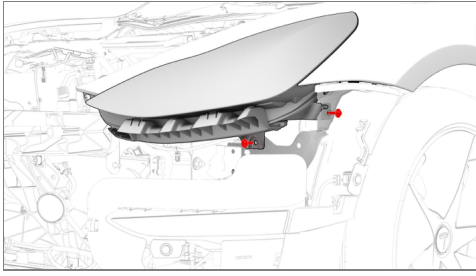2. Install the fasteners that attach the LH headlight to the body.

   👉 **5.9 Nm (4.4 ft-lbs)**
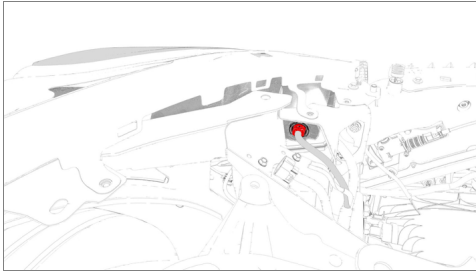

> ℹ **Note**
> The headlight might not be equipped with a lower fastener.

Tip: Use of the following tool(s) is recommended:
- 10 mm socket
- ¼ in std ratchet

- ¼ in torque wrench (installation only)
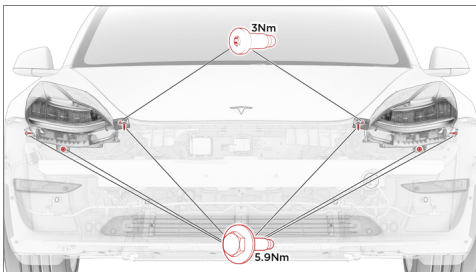- 2 in extension

3. Connect the electrical connector for the LH headlight.

4. On the vehicle touchscreen, tap the clock, and then tap **Install Now** to start the firmware update.

> ℹ **Note**
> Make sure the firmware package is successfully installed.

5. Install the front fascia. See Fascia - Front (Remove and Install) ⊕ .

6. Adjust the headlights:

- Headlights - Adjust - NA (Tool Method)
- Headlights - Adjust - NA (Wall Method)
- Headlights - Adjust - EMEA (Tool Method)
- Headlights - Adjust - EMEA (Wall Method)
- Headlights - Adjust - Global (Tool Method)
- Headlights - Adjust - Global (Wall Method)