

This Service Document supersedes CD-24-90-001 R1, dated July 31, 2024. This new revision, R2, removes the soldering procedure for the off road lightbar jumper wires, adds steps for connecting the roof accessory jumper harness, and updates the Introduction. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Introduction

This document provides third-party Mid Voltage (MV) accessory information for the Cybertruck. It locates the roof accessory jumper harness and provides information to safely connect the off road lightbar harness to the jumper harness for an off road lightbar that is already installed on the vehicle. The lightbar is meant for off road use only. These instructions should only be performed by trained professionals.

i IMPORTANT: Tesla employees are not permitted to connect or assist with the RH B-pillar connection of the Cybertruck off road lightbar harness to the roof accessory jumper harness. Only the customer or a third-party entity is permitted to complete the lightbar harness connection.

! CAUTION: Always refer to the Service Manual for the most up-to-date instructions to disconnect and reconnect MV power (refer to Service Manual procedure [17010200](#)). The instructions in this document are generalized and may not be applicable to your vehicle due to build date, configuration changes, and/or market status.

Cybertruck vehicles are equipped with a roof accessory jumper harness (Figure 1), located behind the RH B-pillar applique. The purpose of this jumper harness connector is to provide a power supply (24–58V) for Tesla or third-party vehicle accessories.



Figure 1 – Roof accessory jumper harness

Off Road Lightbar Harness Connect Procedure

1. If required, retrofit the off road lightbar (mount on windshield only) (refer to Service Manual procedure [61010006](#)).
2. Disconnect MV power (refer to Service Manual procedure [17010200](#)).
3. Remove the RH B-pillar applique (refer to Service Manual procedure [1220035241](#)).
4. Remove and discard the felt tape that attaches the roof accessory jumper harness (connector X0965F) to the RH upper B-pillar frame (Figures 2 and 3).



Figure 2



Figure 3

5. Connect the roof accessory jumper harness to the off road lightbar harness (connector X0965M), and then push in the red locking tab (Figure 4).

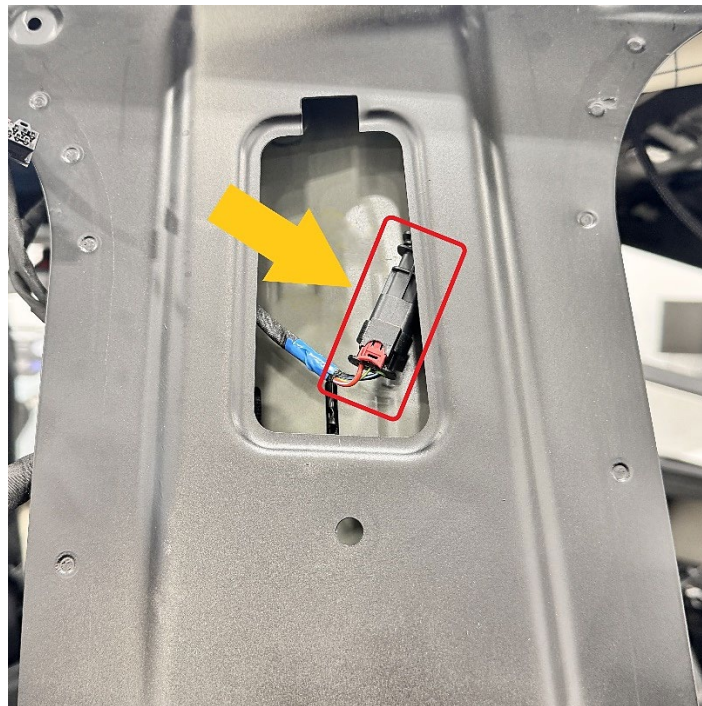


Figure 4

6. Install the RH B-pillar applique (refer to Service Manual procedure [1220035241](#)).

7. Remove the blackout film tape from the off road lightbar (Figure 5).

 **NOTE:** Only the customer or third-party entity is permitted to remove the blackout film tape.


 **NOTE:** If the blackout tape is not removed, the light will be blocked.




Figure 5

8. Connect MV power (refer to Service Manual procedure [17010200](#)).

9. On the vehicle touchscreen, touch **Controls** (vehicle icon) > **Software**, and then scroll down to display the vehicle software version.

- If the vehicle is operating with a software version earlier than 2024.14.3, update the software to version 2024.14.3 or later (refer to Service Manual procedure [00020003](#)), and then go to step 10.
- If the vehicle is operating with software version 2024.14.3 or later, continue to step 10.

10. Press and hold the brake pedal, and then shift the vehicle into Drive.

 **CAUTION:** Make sure that the brake pedal remains pressed until instructed to shift the vehicle into Park.

11. On the vehicle touchscreen, select **Controls** (vehicle icon) > **Outlets & Mods** > **Power Feed (Roof)** to enable the roof power feed (Figure 6).

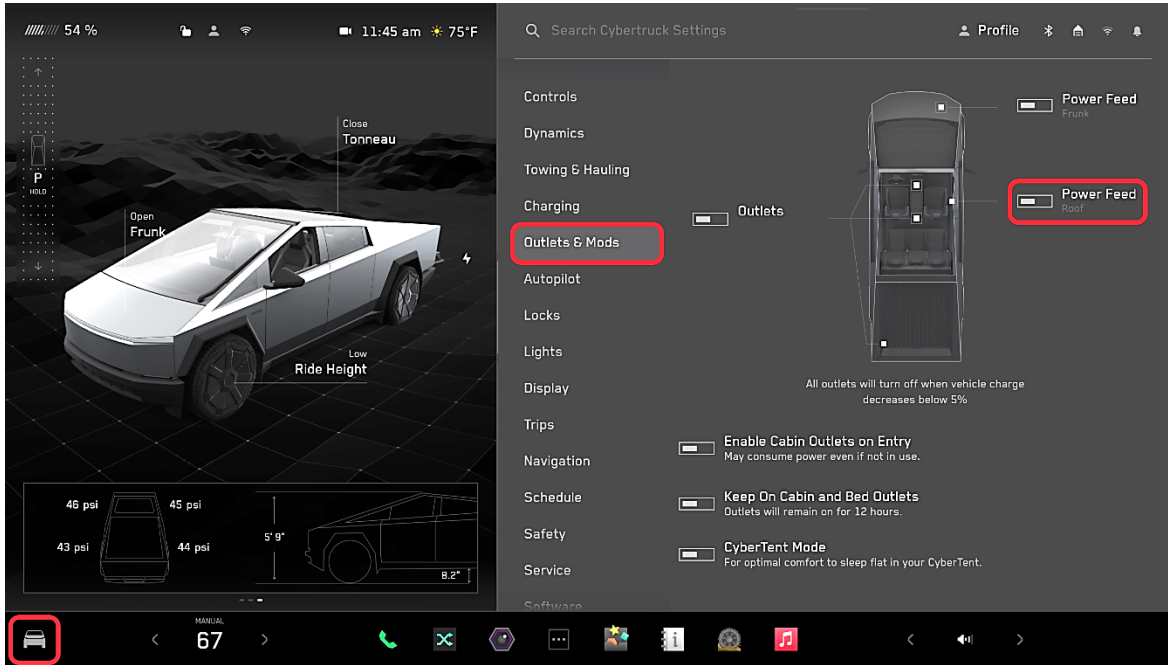


Figure 6

12. Shift the vehicle into Park, and then release the brake pedal.
13. Exit the vehicle and allow the lightbar configuration update to complete. Verify the “Light Bar Installation Complete” window appears on the vehicle touchscreen once the routine is complete (Figure 7).

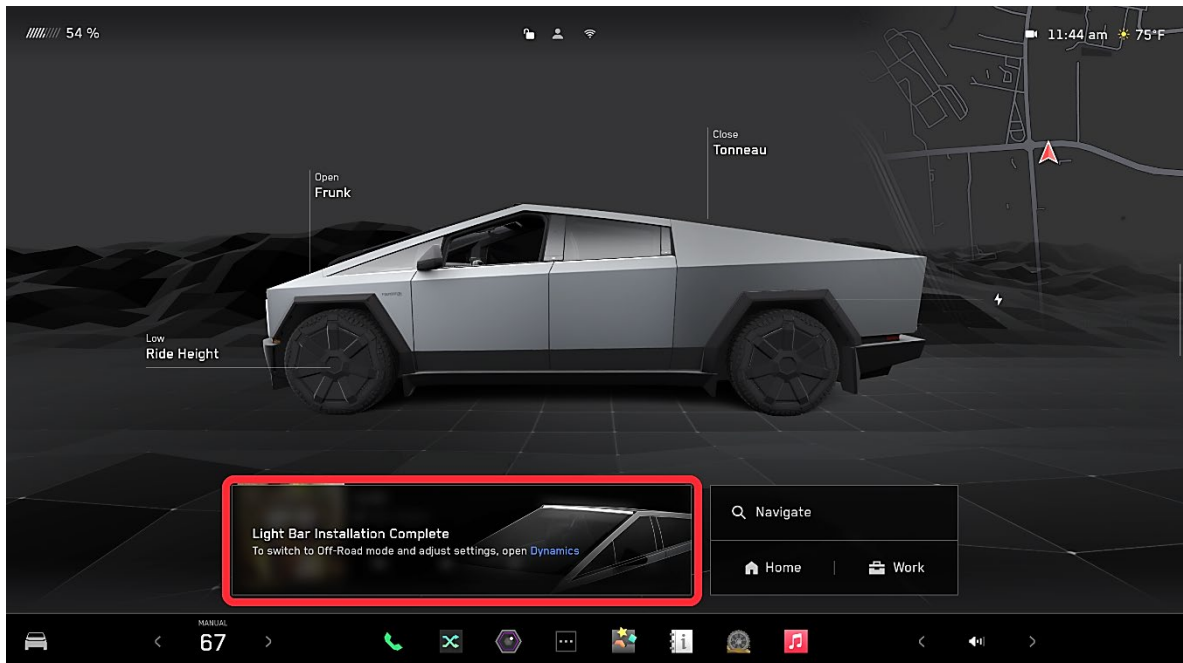


Figure 7