



Model X Spare 12V Power Circuit

Model X vehicles are equipped with a spare 12V power circuit. The purpose of this power circuit is to provide a switched power source that reduces the risk of vehicle damage due to improperly installed third-party equipment. Use this document to help locate the spare 12V power circuit and the related fuse.

⚠ CAUTION: Tapping into the 12V system, including the spare 12V power circuit, is done solely at the user's risk and can result in increased draining of, or potential damage to, the 12V battery. Potential effects of modifying Model X with third-party components can include, but are not limited to, reduced driving range and increased electromagnetic interference (EMI).

NOTE: Tesla does not endorse the use of third-party equipment and does not accept any responsibility for any damage incurred from installing non-OEM equipment.

NOTE: Tesla employees are not permitted to install or assist with the installation of third-party equipment.

To access the spare 12V power circuit:

1. Open the front RH door.
2. Remove the floor mat from the vehicle, if equipped.
3. Gently pull outward on the front of the center console trim panel to release the clips (Figure 1).

NOTE: It is not necessary to fully remove the panel.

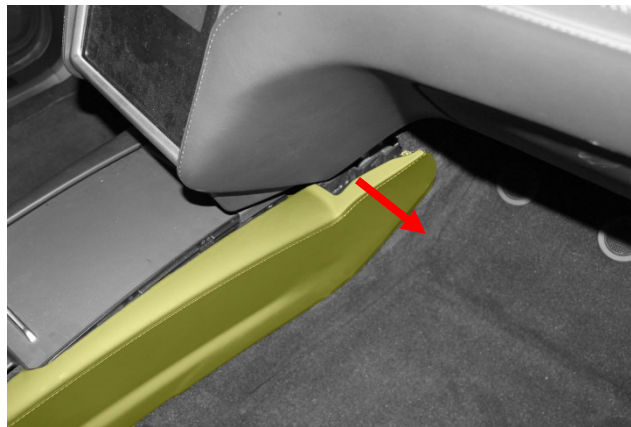


Figure 1

4. Remove the carpeted closeout panel (Figure 2).



Figure 2

⚠ CAUTION: Do not pull forcefully on any harnesses.

5. Use pliers or a similar tool to push in on the clip that secures the harness connector to the plastic bracket (Figure 3). Once the clip is released, gently pull the harness connector out from the inside of the bracket (Figure 4).



Figure 3

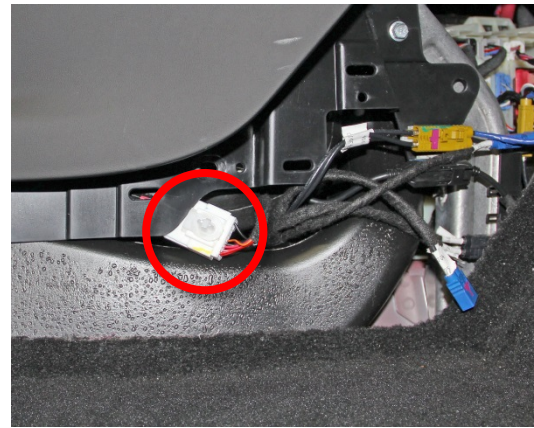


Figure 4

⚠ CAUTION: The connector contains other wires with similar colors. Use only the wires shown (Figure 7).

6. Use the red wire with a white stripe for 12V positive power. Use the black wire for chassis ground (Figure 5).

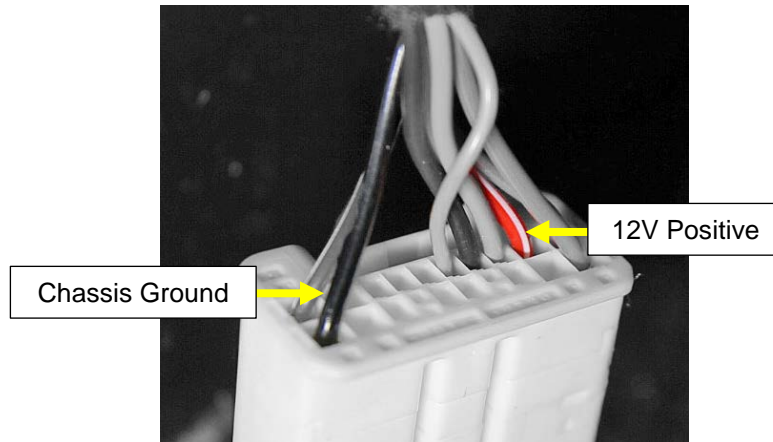


Figure 5 (Appropriate wires highlighted)

NOTE: The spare 12V power circuit is tied to the accessory (ACC) rail and is capable of up to 10 A of continuous load.

NOTE: Similar to most modern vehicles, the Model X has a negatively grounded 12V system.

NOTE: The spare 12V power circuit is protected by a 15 A fuse, located beneath the LH carpeted closeout panel (Figure 6).

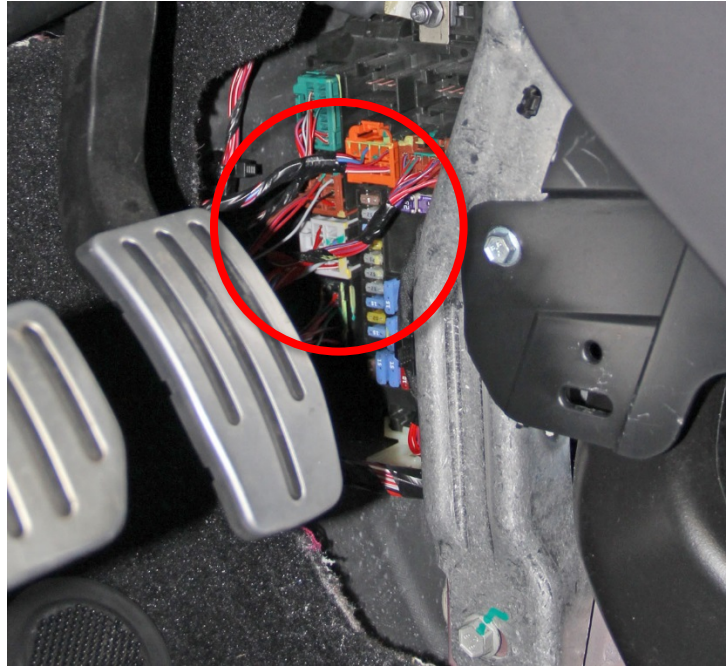


Figure 6

LHD Model X: Fuse F207 (Figure 7)

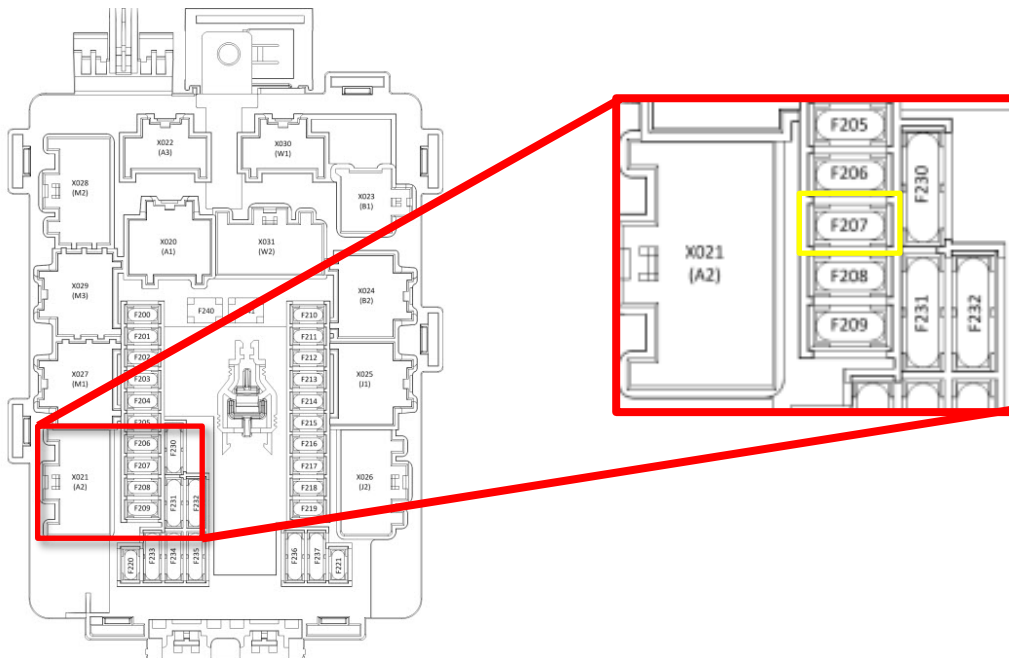


Figure 7

RHD Model X: Fuse F231 (Figure 8)

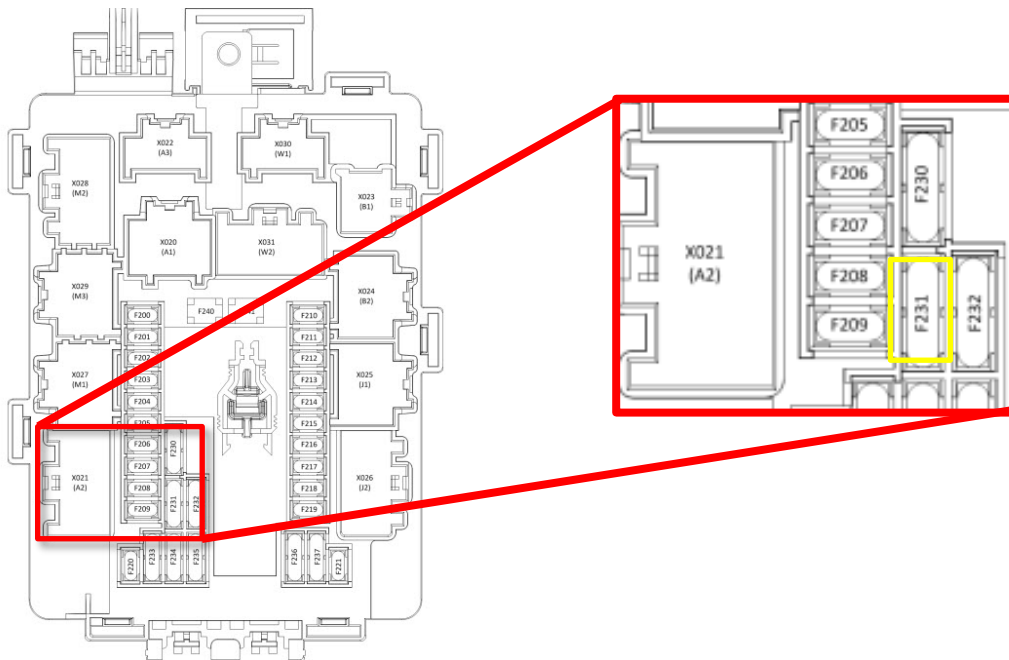


Figure 8