

## TSN01451: PROTECTIVE COVER, 12V



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### **PURPOSE:**

This cover is used to protect the 12V cable lug from accidentally making contact with surrounding components while it is disconnected.

This may lead to accidentally powering the 12V system (when vehicle is powered down) causing a possible short or arcing.

Used on:

R1 (T/S) Model Years 2022-2024 (Single and Dual 12V)

R1 (T/S) Model Years 2025 >

EDV 500/700 2022 > (Single and Dual 12V)

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### **LABOR CODE:**

780010017 Disable 12V Power

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## PRIOR TO USAGE:

### **i** Visual Inspection

1. Visually inspect tool for any damage. Replace if any tears/damage found.

**⚠ CAUTION:** Do not perform procedure if any equipment is missing or damaged. Contact tooling team with any questions or requests for replacement parts. [ServiceToolEngineering@rivian.com](mailto:ServiceToolEngineering@rivian.com)

## TOOL USAGE:

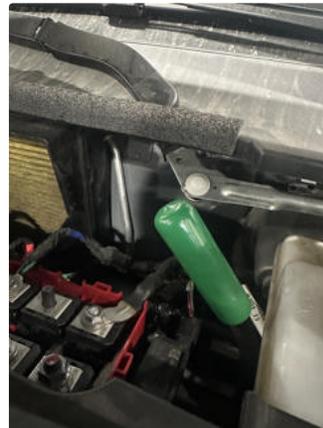
STEP	DIRECTIONS	VISUAL AID
1	<p>Refer to Disable 12V Power procedure in service manual to properly power vehicle down.</p> <p><b>R1 (T/S) 2022-2024:</b> <a href="https://serviceinfo.goriv.co/en-us/R1T/R1T_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017-01.html">https://serviceinfo.goriv.co/en-us/R1T/R1T_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017-01.html</a></p> <p><b>R1 (T/S) 2025 &gt; :</b> <a href="https://serviceinfo.goriv.co/en-us/R1T/R1T_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017-02.html">https://serviceinfo.goriv.co/en-us/R1T/R1T_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017-02.html</a></p> <p><b>EDV 2022 &gt; :</b> <a href="https://serviceinfo.goriv.co/en-us/EDV/EDV_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017.html?hl=disable%2C12v%2Cpower">https://serviceinfo.goriv.co/en-us/EDV/EDV_Service_Manual/78-Low_Voltage_Electrical/7800-Low_Voltage_Electrical_General/780010017.html?hl=disable%2C12v%2Cpower</a></p>	
2	<p>When 12V cable is removed from anchored location, use TSN01451 to cover the cable lug. This will protect it from possibly making any contact with surrounding components.</p> <p><b>⚠</b> If the cable is not protected, there is a chance for it to make contact with surrounding metallic components and cause a short or pre-maturely activate the 12V system on the vehicle!</p>	 <p>Example of 12V battery cable lug end when removed from anchor location</p>
3	<p>Slip cover over the cable lug.</p> <p><b>i</b> The fit will be tight and that is by design to prevent it from slipping of unexpectedly</p>	



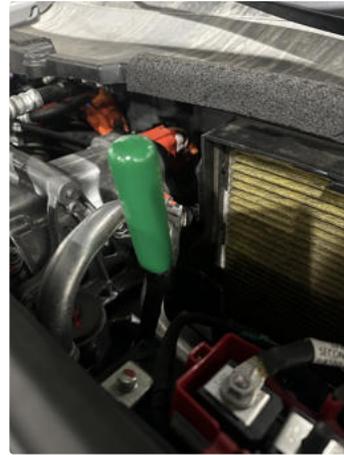
Model Year 2025> R1 (T/S) under passenger seat



Model Year 2025 > R1 (T/S)  
Passenger side cowl



Model Year 2022-2024 R1 (T/S) Single and Dual  
12V Driver side



Model Year 2022-2024 R1 (T/S)  
Dual 12V Passenger side



EDV 500/700 Model year 2022 >  
Underside 12V negative cable lug  
(Dual 12V will be x2 of them)

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When done, be sure to remove the protective cover prior to installing the cable back to its anchoring point.

Store back in correct location for the next tech to access and use.