

## TSN01378-100-A: SLIMLINE INSULATED HEX BIT, 3MM



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### PURPOSE:

This tool is required to reinstall fasteners on Baltic HVDB tray that needs to be removed when servicing pyro fuses on Baltic HV batteries.

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### LABOR CODE:

#### **3054 - HV Battery Fuses and Switching**

305410010

305410510

305411010

305411510

305412010

305412510

305420010

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### ASSOCIATED TOOLS:

TSN00196-100-A: INSULATED TORQUE-VARIO-s 1.0-5.0 Nm W/ BLADE HOLDER

TSN01379-100-A: INSULATED HEX SCREWDRIVER, 3MM

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### WARNING:

Tools to be used with Baltic high voltage battery pack only. Tools prohibited with any other main circuits. Do not use device outside of manufacture's recommendation.

## PRIOR TO USAGE:

### **i** Please perform visual inspection

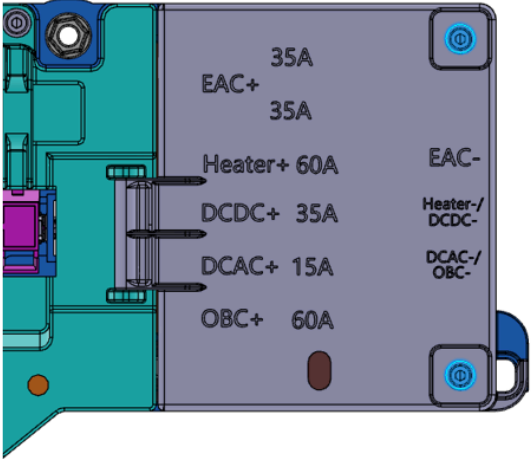
Inspect tools regularly for any signs of wear, cracks, or damage to the insulation. If any damage is found, replace the tool with a new one.

**⚠ 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)

**ASTM class 0 electrical-protection gloves with leather protectors must be worn when working near any exposed high voltage conductor.**

**Before beginning work for the day, test electrical-protection gloves for air leakage and visually inspect them for damage. Repeat the air test and inspection immediately following any incident that can reasonably be suspected of causing damage.**

## TOOL USAGE:

STEP	DIRECTIONS	R1 LFP (BALTIC) VISUAL AID
1	<p>The tools will be used for these highlighted fasteners.</p> <p>For fastener removal and installation, use TSN01379-100-A: INSULATED HEX SCREWDRIVER, 3MM</p> <div data-bbox="367 1486 833 1608" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>⚠ CAUTION:</b> Do not over torque fasteners during installation. Over-tightening the fasteners can cause damage to threads or plastic insulation tray.</p> </div> <p>To torque fasteners, use TSN01378-100-A: SLIMLINE INSULATED HEX BIT, 3MM with TSN00196-100-A: INSULATED TORQUE-VARIO-s 1.0-5.0 Nm W/ BLADE HOLDER.</p> <div data-bbox="367 1822 833 1917" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>i</b> Refer to service manual procedure for all torque values.</p> </div>	 <p>The diagram shows a side view of the R1 LFP (BALTIC) battery pack with several electrical terminals highlighted in blue. The terminals and their ratings are as follows:</p> <ul style="list-style-type: none"> <li>EAC+ 35A</li> <li>Heater+ 60A</li> <li>DCDC+ 35A</li> <li>DCAC+ 15A</li> <li>OBC+ 60A</li> <li>EAC-</li> <li>Heater-/DCDC-</li> <li>DCAC-/OBC-</li> </ul>

