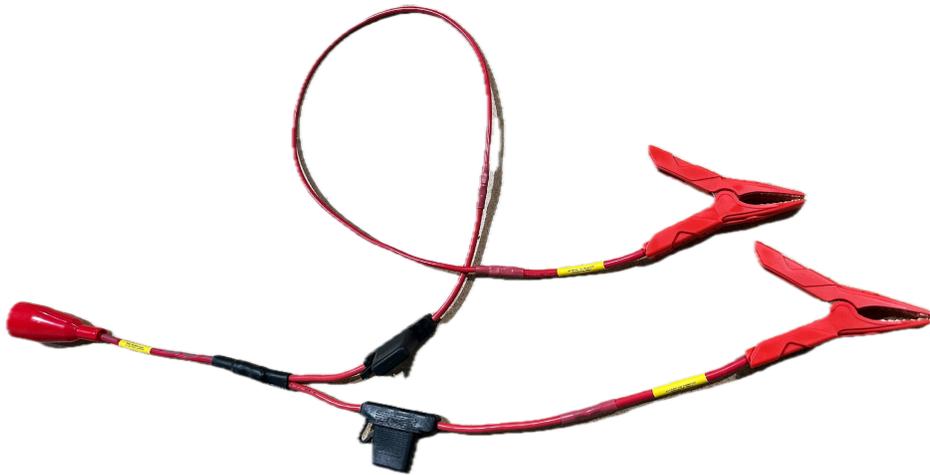


<b>RIVIAN</b>	<b>TOOL USE INSTRUCTION</b>	
	<b>TOOL NUMBER:</b> TSN01159-300-B	<b>DATE:</b> 11/26/2024
	<b>TITLE:</b> DUAL 12V BATTERY SUPPORT CABLE	<b>DOC REV:</b> 2



**Tool Function:**

ALLOW CONNECTION BETWEEN THE DUAL 12V BATTERY POSITIVE POST (+) FOR MAINTENANCE OF THE LOW VOLTAGE 12V BATTERIES

**Labor Code Reference:**

786430025 - Battery, 12V, Primary and Secondary (Charge)

**Related Tools and Training:**

TSN01158-100-A NOCO Genius Pro 50 12V Battery Charger

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# OVERVIEW

## Specs

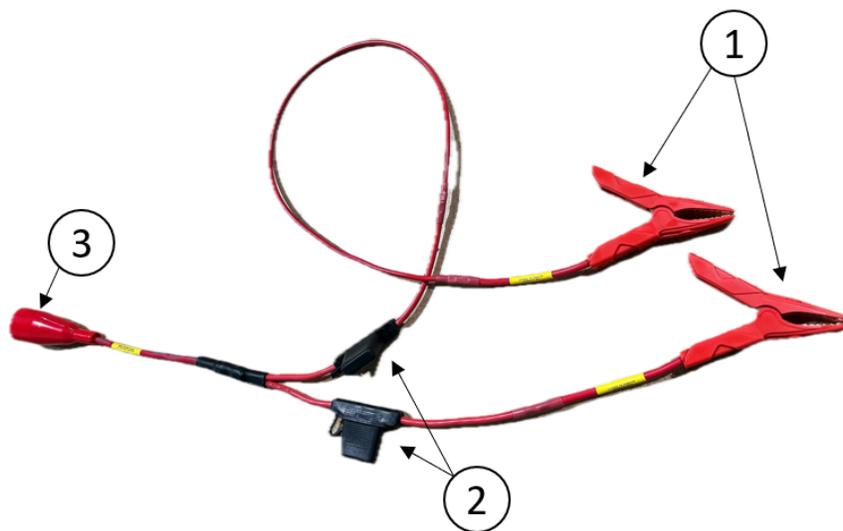
Voltage Rating: **15V**

Current Rating: **30A**

Continuous use limit: **30 minutes @ full current**

## Component Guide

Item	Qty	Description
1	2	Positive terminal battery clamp
2	2	Fuse holder w/ 30A Maxi blade fuse
3	1	Shrouded ring terminal (positive charger attach point)



## SAFETY GUIDELINES



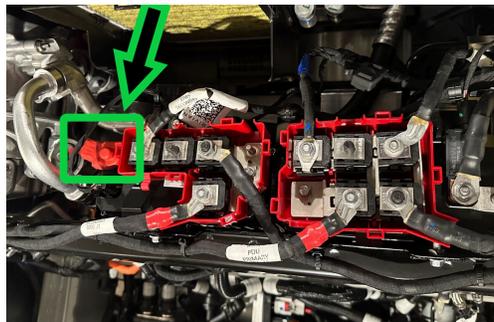
**WARNING:** Observe and follow the safety guidelines below. Failure to follow these guidelines could result in property damage or serious injury. Do not perform procedure if any components are missing or damaged.

1. Read and understand instructions for support cable and NOCO charger before use
2. Do not exceed 30 minutes of continuous use
3. Support cable and clamps may be hot to the touch after use. Use caution and PPE as needed when removing cable from vehicle.
4. Use only for intended purposes outlined in this instruction
5. Do not exceed rated voltage or current

## INITIAL SET-UP

Confirm whether vehicle being serviced requires dual support cable. Dual support cable is only required in vehicles that have two separate 12v batteries.

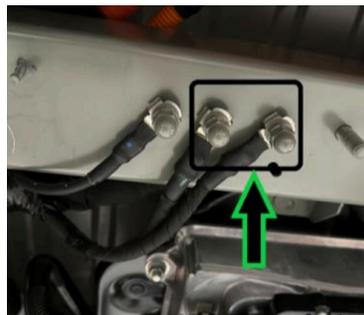
**R1:**  
If vehicle has RED cover on the passenger side, this indicates that it is a single 12V Battery with Battery Isolation Box (BIB). **TSN01159-300 Dual 12V Support Cable Is not needed**



**EDV:**  
Remove the lower cover underneath the EDV to access the LV system ground straps. Single 12V Battery EDV will have only **ONE** ground strap coming from the harness to the crossmember. **Dual 12V Support Cable is not needed.**



Dual 12V EDV will have x2 Ground straps coming from the harness to the crossmember:



## TOOL USAGE – R1

STEP	DIRECTIONS	VISUAL AID
1	Disable vehicle low voltage system	Ref Labor Code: 780010017
2	Remove the top cover of both Pre-fuse box covers located on top of each 12V Battery	 <p data-bbox="1068 730 1349 762">Primary Pre-Fuse Box</p>  <p data-bbox="1049 1094 1369 1125">Secondary Pre-Fuse Box</p>
3	Locate the open positive posts in both pre-fuse boxes	 

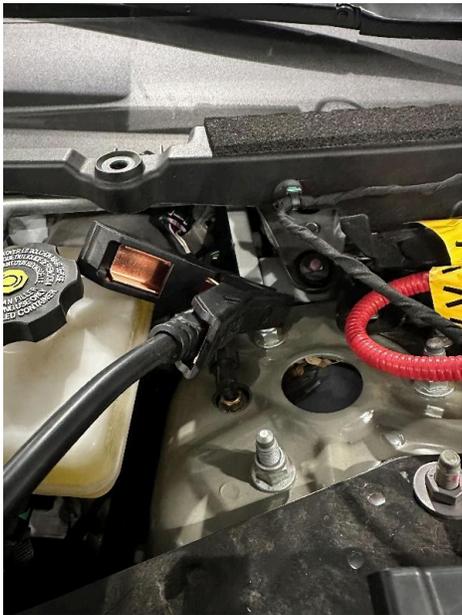
- 4 Connect terminal clamps of TSN01159-300 Dual 12V Battery Support Cable to each open 12V battery Post



- 5 Connect the Positive **RED** clamp of the NOCO Genius Pro Charger to the ring terminal at the other end of the dual support cable.

Slip the boot over the clamp once securely attached.

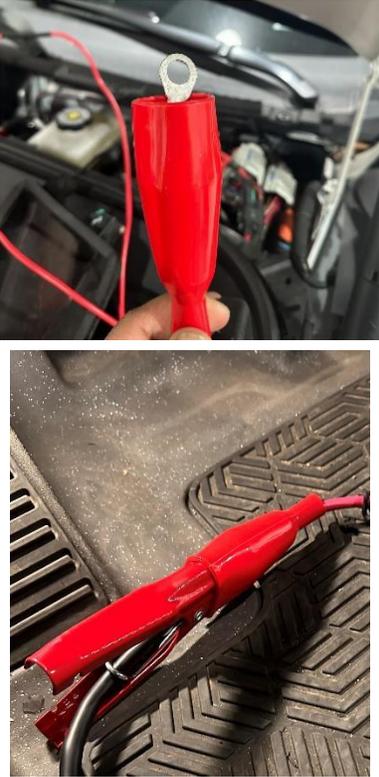


6	Connect the Negative cable of the NOCO charger to the front shock tower bolt	
7	Charge / maintain the 12V system according to the tool use instructions for NOCO charger.	<p>Ref: <b>TUI-TSN01158-100-A</b>  NOCO Genius PRO 50 12V Battery Charger  Tool Use Instructions</p>

## TOOL USAGE – EDV

STEP	DIRECTIONS	VISUAL AID
1	Disable vehicle low voltage system	Ref Labor Code: 780010017
2	Open the battery access covers on either side of the driver seat	

		
<p><b>3</b></p>	<p>Once both access doors are opened, locate and open the Positive (<b>RED</b>) jump box terminal cover.</p>	
<p><b>4</b></p>	<p>Connect terminal clamps of TSN01159-300 Dual 12V Battery Support Cable to each positive (<b>RED</b>) 12V battery jump box terminal.</p> <p>The 2 Ft (shorter) lead will connect to the Driver side outer Positive post</p> <p>The 4.5 Ft (longer) lead will connect to the In-board side Positive post. The cable can be routed in front of the driver seat along the floor.</p>	

<p><b>5</b></p>	<p>Connect the Positive <b>RED</b> clamp of the NOCO Genius Pro Charger to the ring terminal at the other end of the dual support cable.</p> <p>Slip the boot over the clamp once securely attached.</p>	 <p>The top photograph shows a hand holding a red clamp with a silver ring terminal attached to a metal ring terminal on a vehicle's engine compartment. The bottom photograph shows the red clamp with a black boot slipped over it, secured to a metal ring terminal on a vehicle's floor plate.</p>
<p><b>6</b></p>	<p>Connect the Negative cable of the NOCO charger to the EDV driver door striker.</p>	 <p>The photograph shows a black cable with a metal hook end connected to a metal striker on the driver's side door of a white vehicle.</p>
<p><b>7</b></p>	<p>Charge or maintain the 12V system according to the tool use instructions for NOCO Charger TSN01158-100-A NOCO Genius PRO 50 12V Battery Charger</p>	<p>Ref: <b>TUI-TSN01158-100-A</b> NOCO Genius PRO 50 12V Battery Charger Tool Use Instructions</p>

## MAINTENANCE GUIDELINES

- Roll support cable into a loose coil for storage when not in use.
- Store with other LV system support tools (such as NOCO charger) in a cool dry place.

## SERVICE AND REPLACEMENT PARTS

Description	Supply Source	Supplier P/N
30A Maxi Blade Fuse	McMaster-Carr	7460K312

## SYMBOL GLOSSARY



### **WARNING**

Risk of minor injury

## REVISION LOG

REV	REASON FOR CHANGE	DATE
1.0	Initial Release	9/23/2024
2.0	Updated warning labels to match tech pubs standards	11/19/2024