

# TSN01448-300 | CAN BREAKOUT HARNESS, 24 POSITION

PURPOSE:

OTHER TOOLS REQUIRED:

TSN00266-100-A - TRIM REMOVAL TOOL SET

R1 MODEL YEAR 2025 (PEREGRINE) CAN NETWORK MAP:

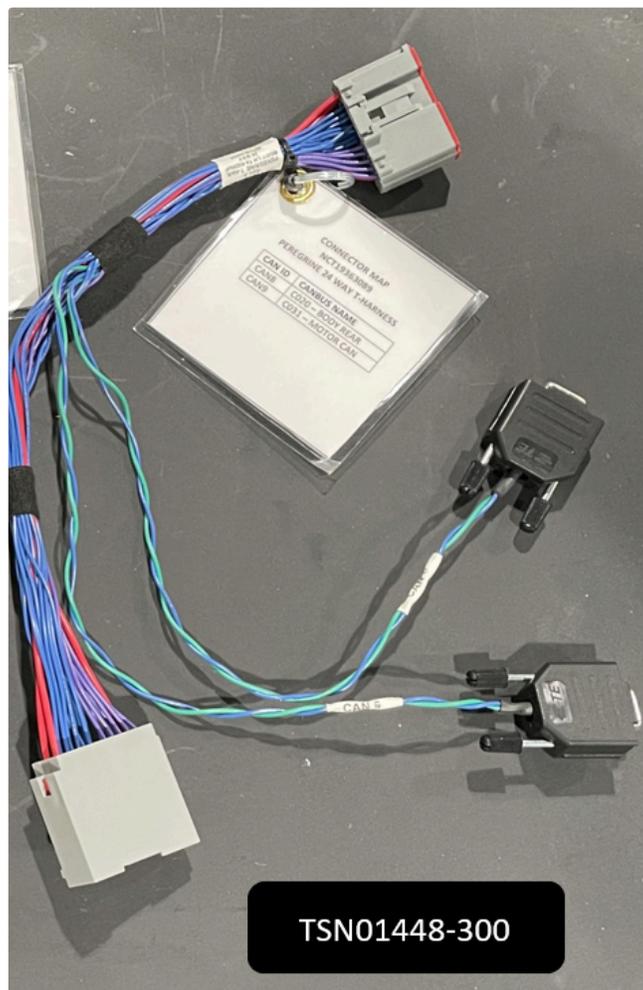
PRIOR TO USAGE:

TOOL USAGE:

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## PURPOSE:

TOOL IS USED FOR R1 MODEL YEAR 2025 (PEREGRINE) CAN NETWORK BREAKOUT AT THE 24-WAY CONNECTOR FOUND AT THE VEHICLE BODY LH TO KICKUP HARNESS INTERFACE



## OTHER TOOLS REQUIRED:

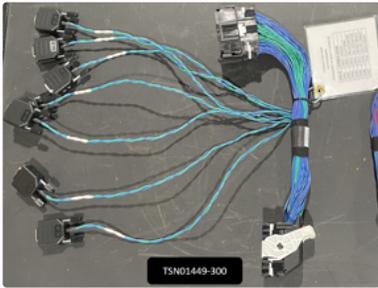
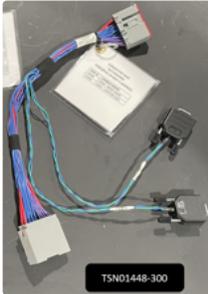
[TSN01449 | CAN BREAKOUT HARNESS, 76 POSITION](#)

**TSN00354-100-A** - PCAN-USB-FD ADAPTER

TSN00266-100-A - TRIM REMOVAL TOOL SET

## R1 MODEL YEAR 2025 (PEREGRINE) CAN NETWORK MAP:

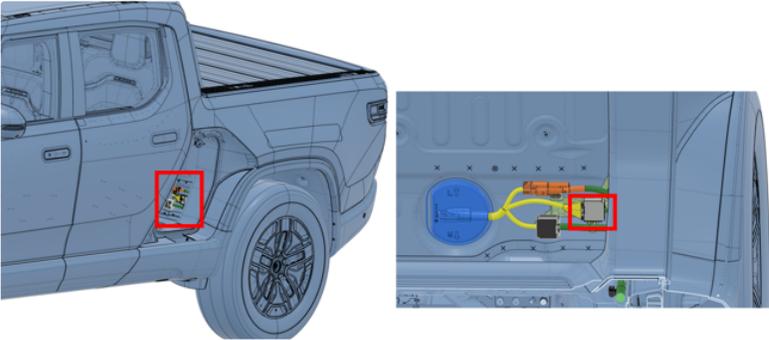
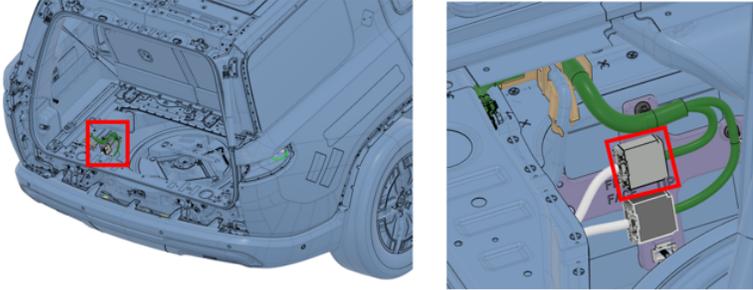
**i** Use table below to determine which T-harness is needed for the CAN network you're trying to access

BREAKOUT ID	VEHICLE CANBUS NETWORK	BREAKOUT HARNESS
CAN1	C003 – ACCESS	<a href="#">TSN01449   CAN BREAKOUT HARNESS, 76 POSITION</a>  TSN01449-300
CAN2	C004 – PLATFORM	
CAN3	C012 – PRIMARY ACTUATOR	
CAN4	C013 – SECONDARY ACTUATOR	
CAN5	C017 – PRIMARY FRT OBJECT	
CAN6	C018 – SECONDARY FRT OBJECT	
CAN7	C028 – BODY FRONT	
CAN8	C020 – BODY REAR	<a href="#">TSN01448-300   CAN BREAKOUT HARNESS, 24 POSITION</a>  TSN01448-300
CAN9	C031 – MOTOR CAN	

## PRIOR TO USAGE:

**i** Inspect connector interfaces for signs of damage or debris. Do not mate with vehicle interfaces if tool is damaged or contaminated. Contact tooling team with any questions or requests for replacement parts. [ServiceToolEngineering@rivian.com](mailto:ServiceToolEngineering@rivian.com)

# TOOL USAGE:

STEP	DIRECTIONS	VISUAL AID
<p>1</p>	<p>Locate 24 way connector:</p> <p><b>R1T</b> - Located in LH side of gear tunnel, behind rear liner panel</p> <p><b>R1S</b> - Located in LH side of spare wheel well</p> <div data-bbox="305 478 631 575" style="border: 1px solid #add8e6; padding: 5px; margin-top: 10px;"> <p><b>i</b> Remove trim as needed to access connector</p> </div>	<div data-bbox="656 264 1425 604">  <p>The image shows two views of the RIT 24-Way CAN Breakout Location. On the left, an exterior view of the vehicle's rear left side shows a red box highlighting the location of the connector in the gear tunnel area. On the right, an interior view of the gear tunnel shows the 24-way connector (RIT) with yellow wires connected to it, also highlighted with a red box.</p> <p style="text-align: center;">RIT 24-Way CAN Breakout Location</p> </div> <div data-bbox="672 718 1425 1008">  <p>The image shows two views of the R1S 24-Way CAN Breakout Location. On the left, an exterior view of the vehicle's rear left side shows a red box highlighting the location of the connector in the spare wheel well area. On the right, an interior view of the spare wheel well shows the 24-way connector (R1S) with green wires connected to it, also highlighted with a red box.</p> <p style="text-align: center;">R1S 24-Way CAN Breakout Location</p> </div>
<p>2</p>	<p>Disconnect 24 way connectors and connect T-harness in-line with vehicle harness as shown.</p>	



T-Harness connected in R1S spare tire well

- 3** Each DB9 connector is labeled with a CAN ID number.
- Use the connector map attached to the harness to determine which DB9 corresponds to the CAN network you would like to communicate with.

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**TSN01448-300-A**

PEREGRINE T-HARNESS  
24 WAY BODY LH TO KICKUP

CAN ID	CANBUS NAME
CAN8	C020 – BODY REAR
CAN9	C031 – MOTOR CAN

- 4** Once work is complete, carefully disconnect harness from vehicle.
- Reconnect vehicle harness and verify system functionality.