

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER TSN00292-100

TITLE AIR BAG, INFLATABLE

REV - DATE REV 1 - 5/12/2026

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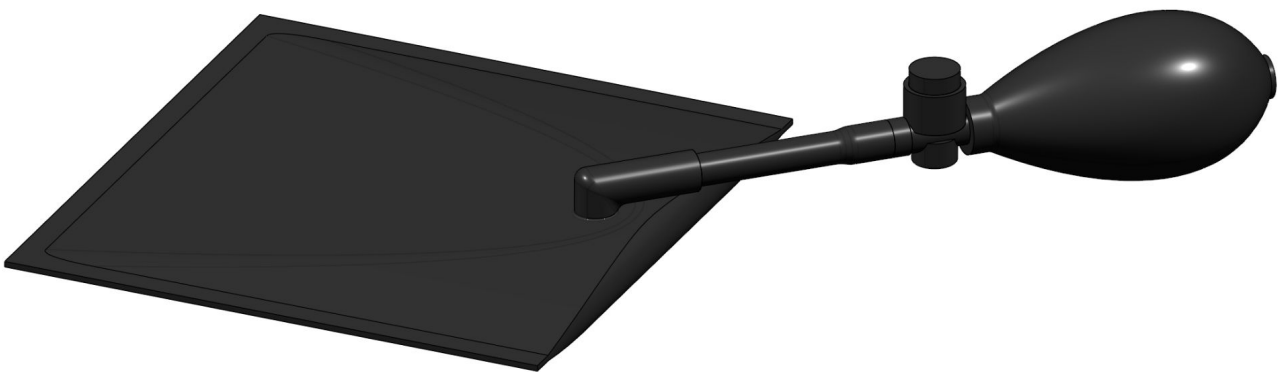
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TOOL FUNCTION

GENERAL USE AND R2 EMCU SEAL BREAK



OVERVIEW

SPECIFICATIONS

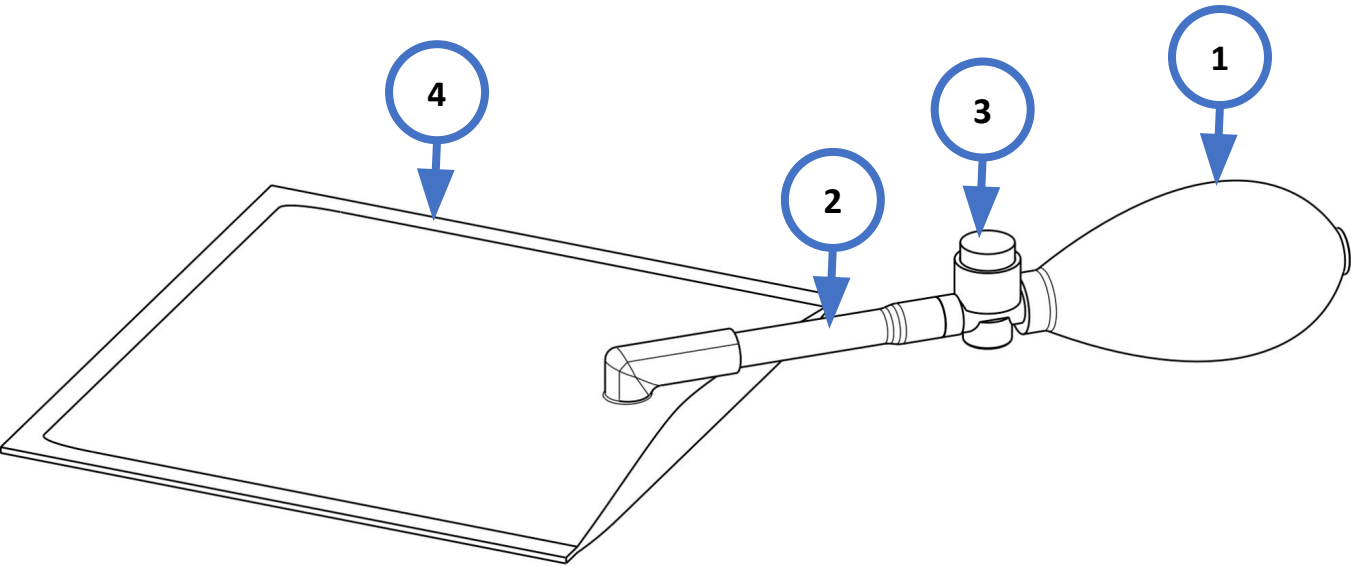
Weight: 0.08kg
Overall Dimensions: 160mm x 150mm x 45mm

LABOR CODES

306510010

RELATED TOOLS

TSN00534-204-A NW16 Coolant Plug



COMPONENT GUIDE

ITEM	DESCRIPTION
1	inflating bulb - used to inflate airbag
2	pump tube - carries air to and from the airbag
3	deflate button - press to deflate the airbag
4	air bag - inflated to lift or spread components



**WARNING**

Do not perform procedure if tool is damaged or missing parts. Consult the Rivian Service Tool Catalog for replacement components.

Failure to follow guidelines outlined in this document could result in injury and/or property damage.

SAFETY GUIDELINES

1	This process requires the shut down of the HV and removal of the HV components.	
2	This procedure requires force to separate the EMCU seal. This should be done slowly and carefully so that energy is not released unpredictably. Make sure all required components are removed and vulnerable elements are protected.	
3	PPE REQUIRED • eye protection with side shield • balaclava • arc shield • ASTM class 0 electrical-protection gloves	

**DANGER**

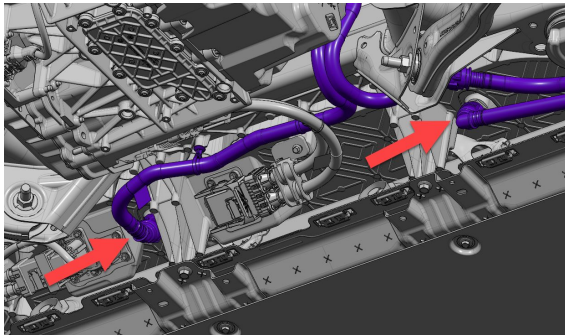
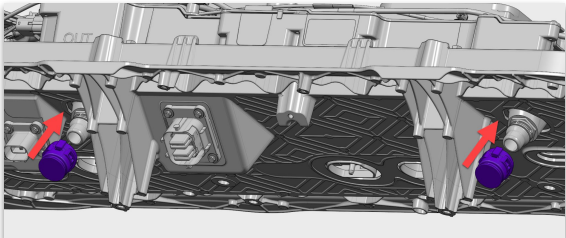
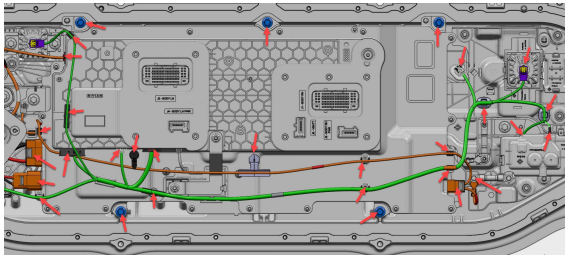
Risk of electrocution or electric shock

**CAUTION**

Risk of

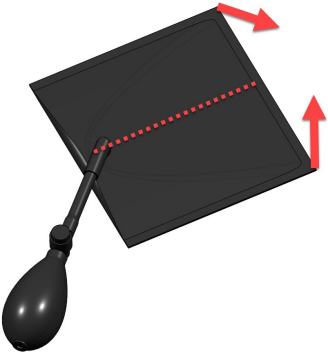
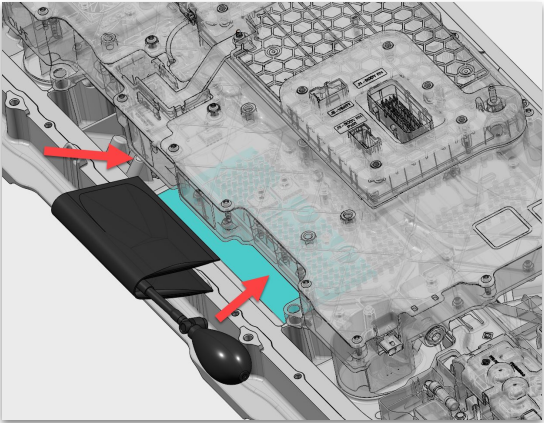
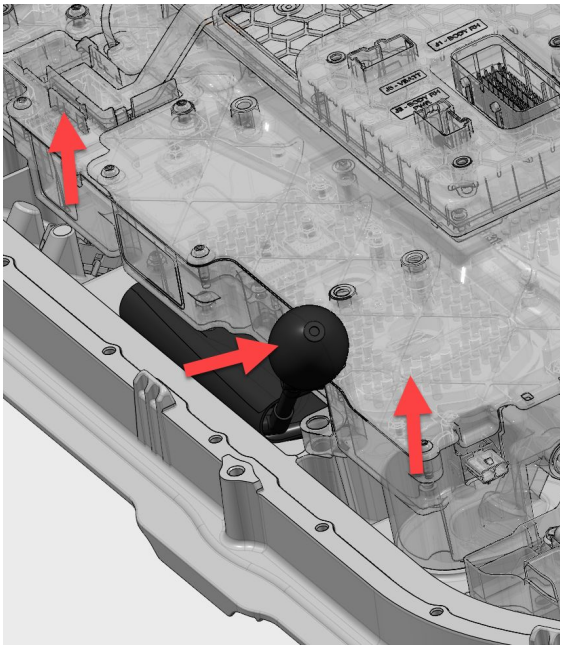
- damage to vehicle or property

INITIAL SETUP

1	Follow all standard service procedures to drain coolant and disconnect HV power.	
2	With the vehicle in the air, remove the coolant lines from beneath the vehicle	
3	Cap inlet and outlet with TSN00534-204-A NW16 Coolant Plug. NOTE: Do not use tapered or slip over plugs or caps as they can come off or fail to protect the inlet/outlet fittings from damage during removal through the casting holes.	 
4	Lower vehicle to gain access to the rear seat. Remove all bolts and connectors between the EMCU and the surrounding components.	



TOOL USE INSTRUCTION

1	Take the inflatable air bag wedge and fold it along the center, in line with the pump tube.	
2	With the airbag folded, insert it open end forward into the space shown between the EMCU and the battery casting. The pump tube and bulb should stay out and accessible for use. NOTE: There is open space available in the highlighted area that the airbags can be safely placed. Stay within this space.	
3	Slowly inflate the air bag, paying attention to how the EMCU is raising. If the bag reaches its limit and the seal does not release, it may be necessary to gently lift the EMCU to accomplish the task. Note: The airbag has a relief valve and should not inflate beyond a certain point. The sound the pump bulb is making will change when you hit this point.	



BASIC MAINTENANCE GUIDE

TASK	FREQUENCY
Check the airbag for damage or leaks.	Before Each Use
Return the airbag to the appropriate toolbox location	After Each Use



TROUBLESHOOTING

PROBLEM	SOLUTION
airbag is not lifting the EMCU	• make sure there are no leaks in the airbag • make sure the deflate button is not being pressed accidentally • make sure that all mounting hardware has been removed





DANGER

Risk of electrocution or electric shock



WARNING

Risk of minor injury



DANGER

Risk of major injury such as

- fire
- chemical or poison
- crushing / maiming
- death



CAUTION

Risk of

- damage to vehicle or property
- data disruption
- voiding warranty



CAUTION

Risk of Pinch Point

- keep hands and fingers clear of all moving parts.



PPE REQUIRED

IMPORTANT

Instructions to successfully complete a task

NOTE

Useful information

REVISION LOG

REV	DATE	CHANGE DESCRIPTION
1	05/18/2026	Initial release

