

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER TSN01743-300

TITLE R2 FRUNK STRUT EXTENSIONS

REV - DATE REV 1 - 03/03/26

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TOOL FUNCTION

USED TO LOCK R2 HOOD STRUTS IN SERVICE POSITION








**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	<p>DANGER</p> <p>Risk of major injury such as</p> <ul style="list-style-type: none"> ● crushing / maiming ● death 	
2	<p>WARNING</p> <p>Risk of minor injury</p>	
3	<p>CAUTION</p> <p>Risk of</p> <ul style="list-style-type: none"> ● damage to vehicle or property ● data disruption ● voiding warranty 	
4	<p>CAUTION</p> <p>Risk of Pinch Point</p> <ul style="list-style-type: none"> ● keep hands and fingers clear of all moving parts. 	
5	<p>PPE REQUIRED</p> <ul style="list-style-type: none"> ● eye protection ● closed toe shoes ● gloves 	



SPECIFICATIONS

Overall Dimensions: 117mm x 25mm

OTHER TOOLS REQUIRED





TSN00474-100-A - HOOD PROP






COMPONENT GUIDE

ITEM	QTY	RIVIAN TOOL ID	DESCRIPTION
1	2	TSN01743-300-A	R2 FRUNK STRUT EXTENSIONS



<p>1</p>	<p>Support hood with TSN00474-100-A - HOOD PROP.</p>	
<p>2</p>	<p>Release clip on hood strut with small screwdriver or pick tool.</p>	
<p>3</p>	<p>Remove hood strut from ball end.</p>	
<p>4</p>	<p>Rest hood strut on trim panel and install the frunk strut extension.</p> <p>Repeat process on opposite side of vehicle.</p>	



<p>5</p>	<p>Extend hood prop to raise hood high enough to connect the hood strut & extension.</p> <p>IMPORTANT</p> <p>Do not attempt to compress the hood strut by hand.</p>	
<p>6</p>	<p>Lift hood struts and connect ball socket to ball end. Reinstall safety clips.</p>	
<p>7</p>	<p>Lower Hood Prop slowly till the hood is fully supporting by the struts. Remove hood prop.</p>	


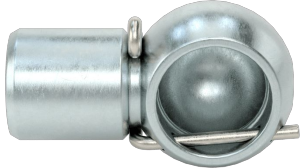


BASIC MAINTENANCE GUIDE

TASK	FREQUENCY
Check Extensions for cracks or damage.	Before Each Use
Check fastener is tight.	Before Each Use
Check condition of ball socket.	Before Each Use
Return to designated storage location.	After Each Use



SPARE PARTS**TSN01743-300 R2 FRUNK STRUT EXTENSIONS***FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING*

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER	PHOTO
1	Black-Oxide Alloy Steel Hex Drive Flat Head Screw	MCMaster-CARR #91294A242	
2	End Fitting for Gas Spring	MCMaster-CARR #9416K737	



PROBLEM	SOLUTION
Ball End socket does not stay clipped on ball end.	Replace Ball End socket.
Extension body is damaged.	Replace TSN01743-300-A
Hood hinge or hood strut is damaged.	Make necessary repairs prior to placing the hoof in service position.





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

REV	DATE	CHANGE DESCRIPTION
1	03/12/2026	Initial release

