

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER TSN01568-300-A

TITLE ROTATING WINDSHIELD STAND

REV - DATE REV A - 5/1/2025

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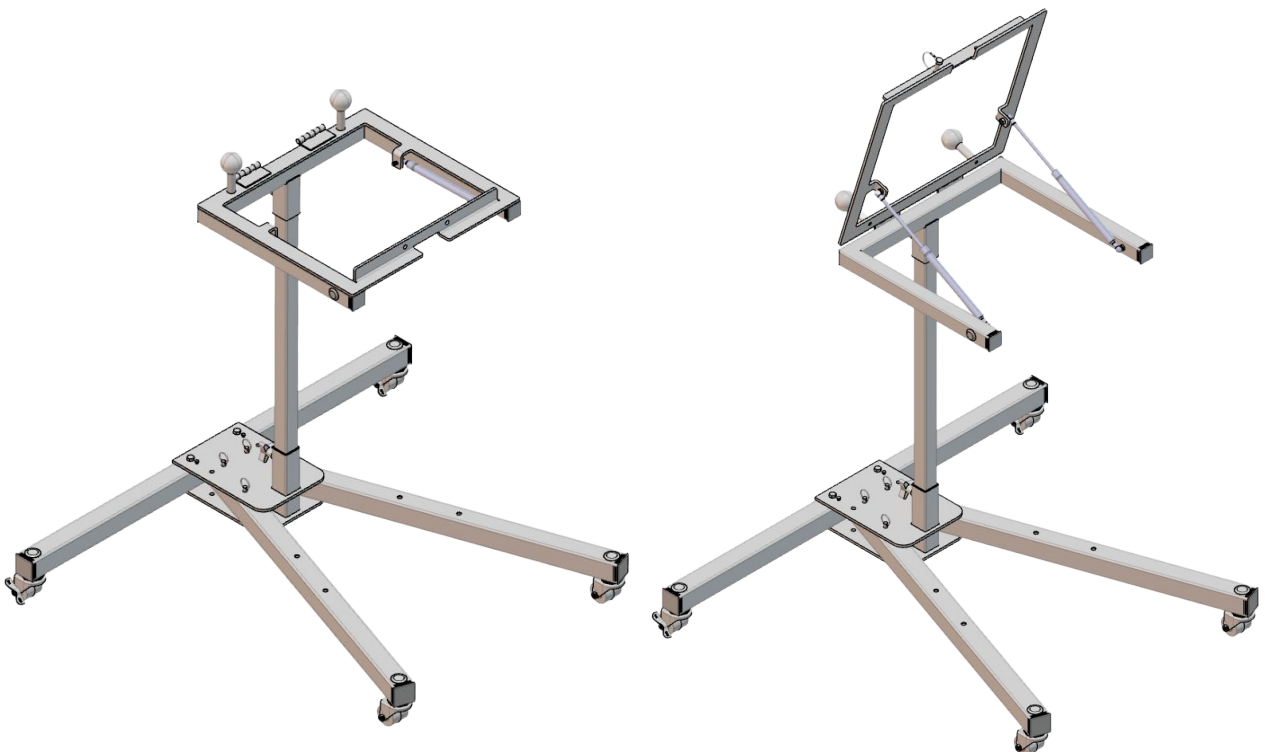
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TOOL FUNCTION

STAND TO HOLD EDV AND R1 WINDSHIELD HORIZONTALLY DURING PREP AND ROTATE VERTICALLY FOR PICKUP AND INSTALL.



5/1/2025 REV A

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OVERVIEW

SPECIFICATIONS

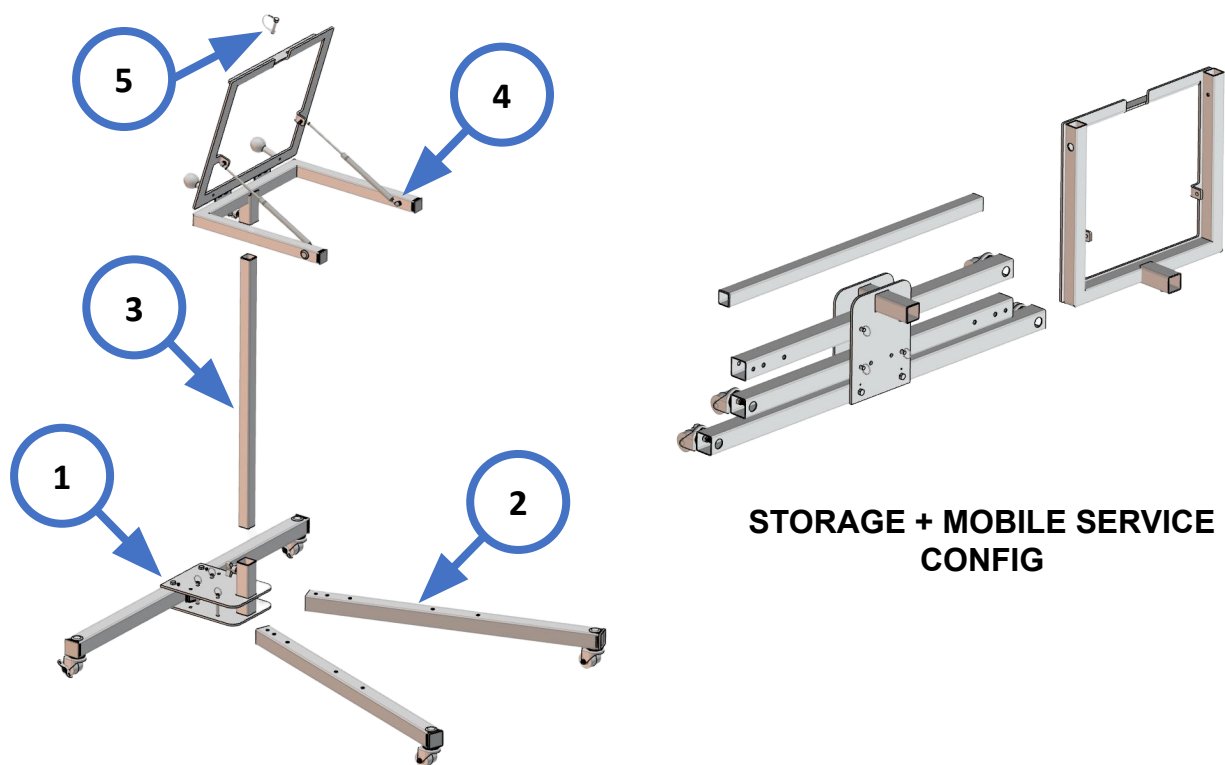
Weight: 36.3 kg (80 lbs)
Overall Dimensions: 1450 H (hinge open) x 1150 W x 935 D
Load Capacity: 68 kg (150 lbs)

LABOR CODES

523410010 - Windshield (Remove and Replace)

OTHER TOOLS REQUIRED

TSN01559-100-A - FIT GLASS INSTALLATION SYSTEM



ITEM	QTY	RIVIAN TOOL ID	DESCRIPTION
1	1	PRD25495366	BASE ASSEMBLY
2	2	PRD25495360	SWIVEL LEG
3	1	PRD27791617	SUPPORT POST
4	1	PRD25495369	HINGE ASSEMBLY
5	1	98416A571	LOCKING CLEVIS PIN





WARNING

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

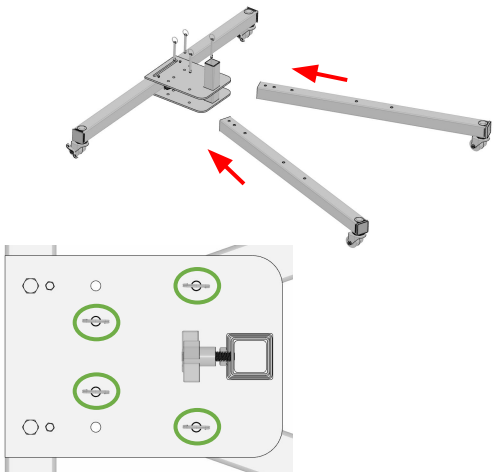
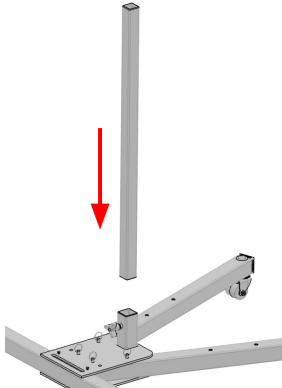
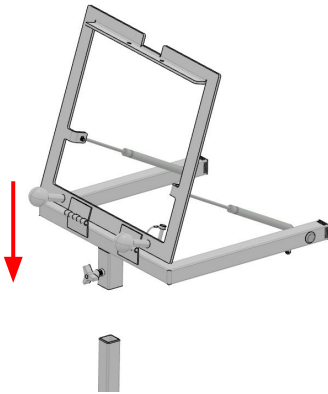

Failure to follow guidelines outlined in this document could result in injury and/or property damage.

SAFETY GUIDELINES

1	Tool is designed specifically for handling EDV and R1 windshield assemblies	
2	Do not exceed the listed load rating (see OVERVIEW)	
3	Pinch points - keep hands and fingers clear of all moving parts when operating the tool.	



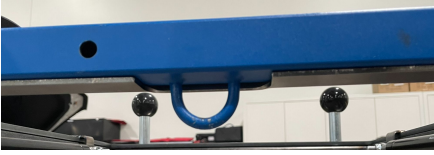




INITIAL SETUP

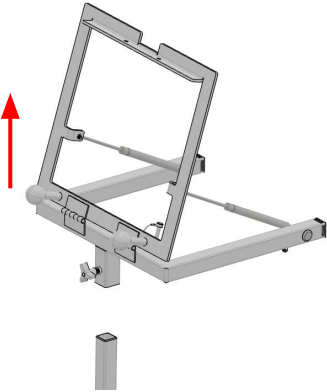
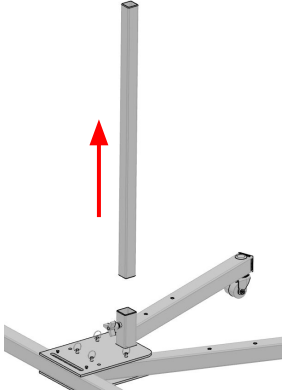
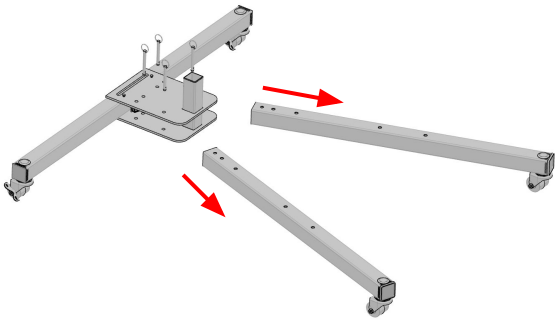
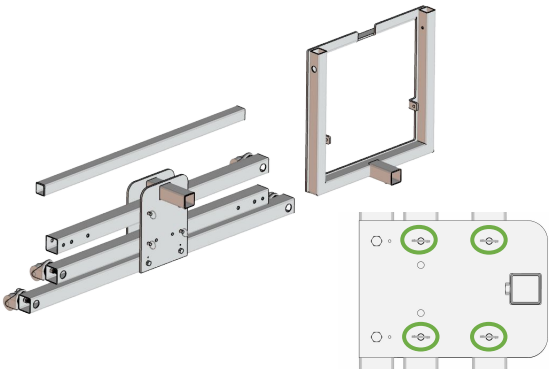
1	<p>Install 2x swivel legs to base assembly, securing in place with 4x quick release pins.</p> <p>NOTE</p> <p>Ensure pins are installed in the correct holes as shown</p>	
2	<p>Install support tube into the socket of the base until fully seated.</p> <p>Tighten knob until snug.</p>	
3	<p>Install hinge assembly onto support post until fully seated.</p> <p>Tighten knob until snug.</p>	
4	<p>Tool is now ready for use</p>	



TOOL USE INSTRUCTION

1	<p>PREP FOR WINDSHIELD INSTALL</p> <p>Position windshield stand next to the vehicle, within reach of the windshield fit glass tool.</p> <p>Lower top plate of the windshield stand to CLOSED position as shown.</p>	
2	<p>Install the fit glass lift arm onto the windshield stand as shown, with hoist ring centered in the cutout and suction cups pointing upward.</p>	 
3	<p>Secure the lift arm in place using the provided locking clevis pin.</p> <div data-bbox="204 1329 782 1545"><p>IMPORTANT</p><p>Ensure wire loop is securely locked around the pin</p></div>	 
4	<p>Refer to TSN01559-100-A tool use instructions for guidance on loading/unloading of windshield assembly.</p>	



<p>5</p>	<p>PACK DOWN FOR STORAGE & MOBILE SERVICE</p> <p>Loosen knob of the hinge assembly and lift upward to remove from support post.</p>	
<p>6</p>	<p>Loosen knob of the base assembly and remove support post.</p>	
<p>7</p>	<p>Remove 4x quick release pins and slide swivel legs outward to remove.</p>	
<p>8</p>	<p>Slide leg between base plates, parallel to the cross leg.</p> <p>Secure legs by installing 4x quick release pins in storage hole position as shown.</p>	



MAINTENANCE & STORAGE

TASK	FREQUENCY
Ensure knobs are tightened and assembly doesn't have excessive movement under load.	Before each use
Inspect quick release pins for signs of wear and/or damage. Replace as needed.	Before each use
Store tool indoors in a dry environment	After Each Use
Inspect and clean casters to remove any build up of debris.	Monthly

TROUBLESHOOTING

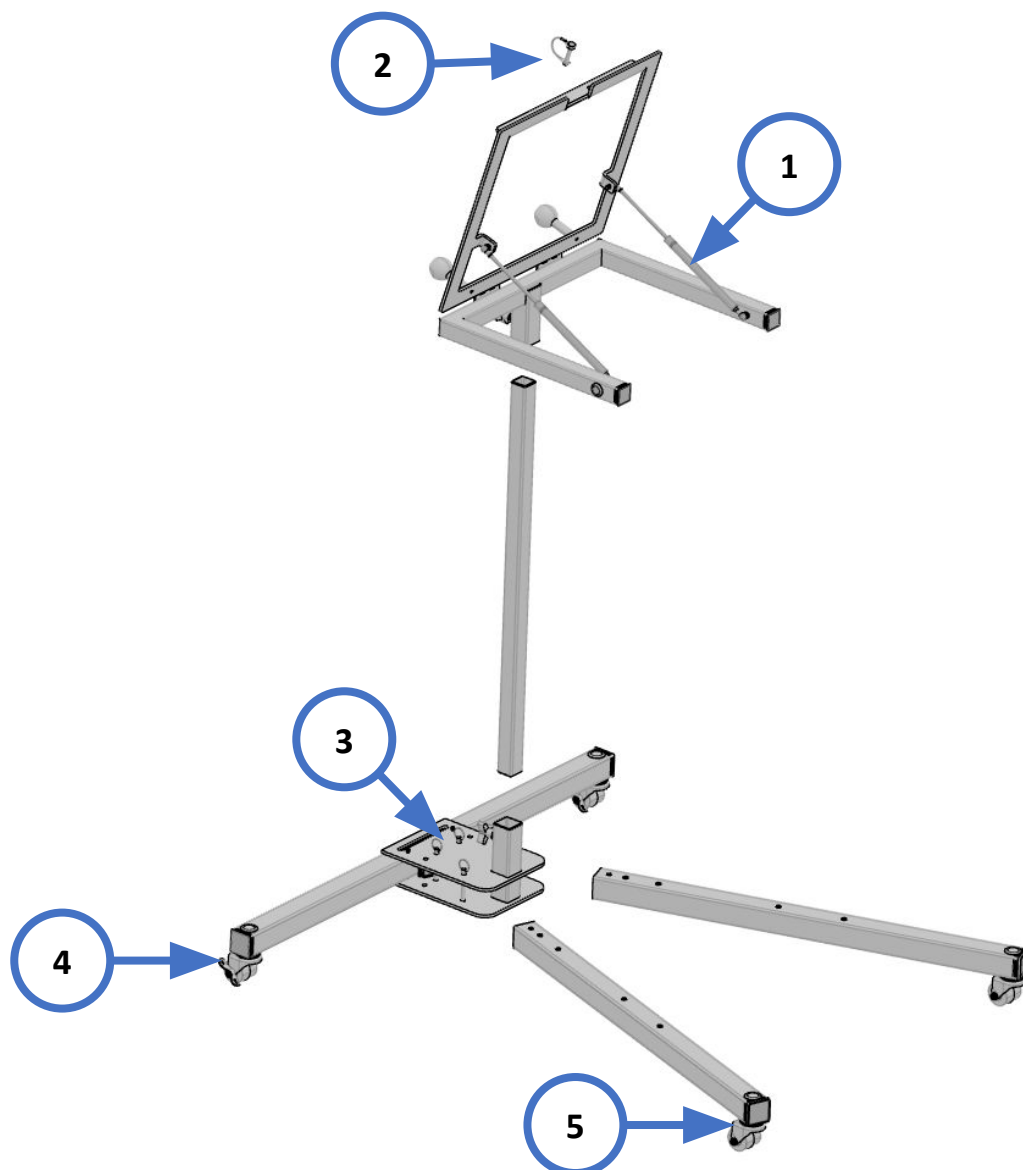
PROBLEM	SOLUTION
Hinge does not open or close smoothly.	Gas struts may have come loose - tighten fasteners at either end of the strut. If issue persists replace gas struts - see SERVICE & REPLACEMENT COMPONENTS
Stand wobbles when loading/unloading windshield.	Tighten top and bottom knobs for the support post.
Stand doesn't roll properly.	Casters worn or damaged. Clean thoroughly and replace if issue persists. See SERVICE & REPLACEMENT COMPONENTS



SERVICE & REPLACEMENT COMPONENTS

FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER
1	GAS SPRING	MCMaster-CARR 4138T774
2	LOCKING CLEVIS PIN	MCMaster-CARR 98416A571
3	$\frac{3}{8}$ " QUICK RELEASE PIN	MCMaster-CARR 98320A385
4	LOCKING CASTER	MCMaster-CARR 24025T66
5	NON-LOCKING CASTER	MCMaster-CARR 24025T65





WARNING

Risk of minor injury and/or damage to property

IMPORTANT

Instructions to successfully complete a task



CAUTION

Risk of Pinch Point - keep hands and fingers clear of all moving parts.

NOTE

Useful information

REVISION LOG

REV	DATE	CHANGE DESCRIPTION
A	5/1/2025	Initial release

