

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER TSN01622-300-A

TITLE EDV REAR STEP SUPPORT STRAPS

REV - DATE REV A - 03/28/25

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TOOL FUNCTION

USED TO SUPPORT THE EDV REAR STEP DURING EDV RR AXLE RETROFITS (REMORA)



OVERVIEW

SPECIFICATIONS

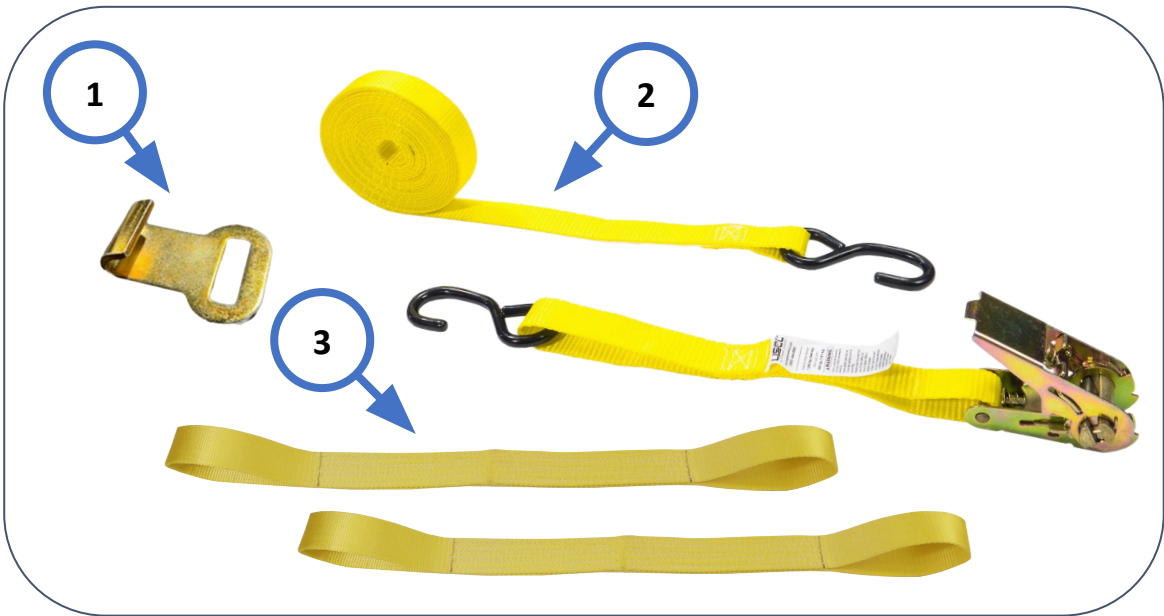
Overall Dimensions: Ratchet strap - 15’ x 1”, Slings - 3’ x 1”
Load Rating: 1200 lbs

LABOR CODES

- 606526010 - Panel, Underbody, Rear, LH (Remove and Replace)
- 606529110 - Panel, Underbody, Rear, RH (Remove and Replace)

OTHER TOOLS REQUIRED

TSN01622-300-A - EDV REAR STEP SUPPORT STRAPS



COMPONENT GUIDE

ITEM	QTY	DESCRIPTION
1	1	Flat Steel Hook
2	1	Thumb Ratchet Strap w/ S-Hook
3	2	Nylon Lifting Sling





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	Risk of Pinch Point - keep hands and fingers clear of all moving parts.	A black icon showing two hands being squeezed together. One hand is on the left with fingers pointing down, and the other is on the right with fingers pointing up. Arrows indicate the direction of the squeeze.
2	Risk of - damage to vehicle or property	A black icon showing a warning symbol: an exclamation mark inside a triangle, which is itself inside a larger triangle.







INITIAL SETUP

1	<p>Insert the end of the ratchet strap webbing through the flat steel hook.</p>	
2	<p>Then insert the end of the ratchet strap webbing through the ratchet.</p>	




TOOL USE INSTRUCTION

1	<p>Remove rear underbody trim panels.</p> <p>NOTE: See Labor Codes listed in Overview</p>	
2	<p>Install nylon lifting slings around rear grab handles.</p>	
3	<p>Hook one end of the ratchet strap to each lifting sling.</p>	
4	<p>Place the flat steel hook into the large hole in the underside of the body.</p> <p>IMPORTANT</p> <p>Do not pinch wiring harness.</p>	



TOOL USE INSTRUCTION

1	<p>Tension ratchet strap until the rear step is supported.</p>	
2	<p>Inspect the strap & adjust tension after the rear step is unbolted from the rear skateboard.</p> <p>NOTE Do not over tension ratchet strap.</p>	



BASIC MAINTENANCE GUIDE

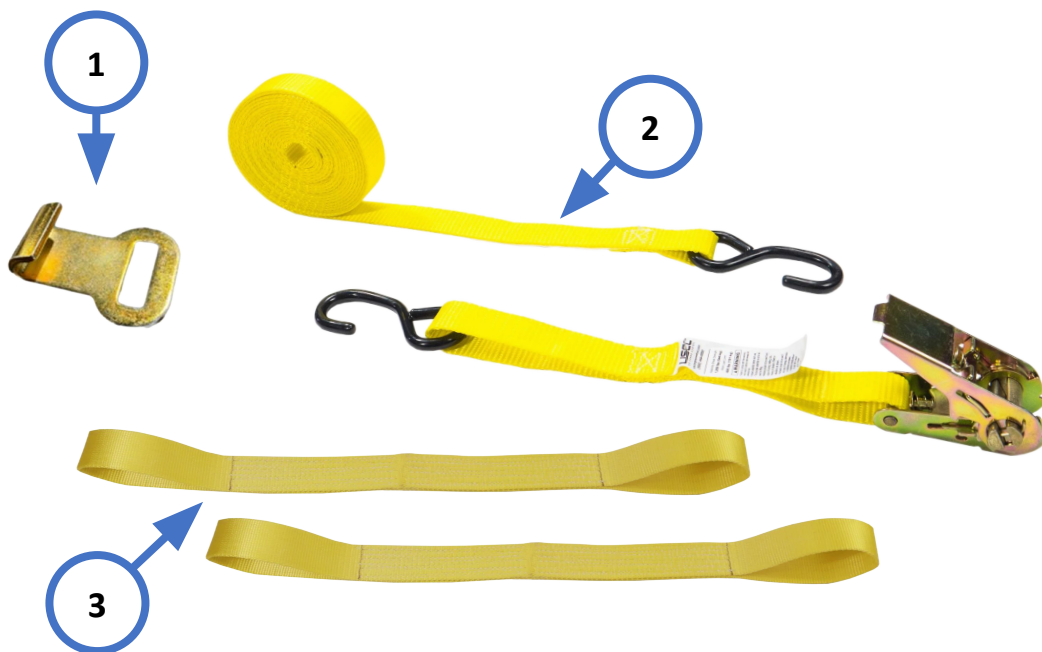
TASK	FREQUENCY
Inspect strap & slings for damage.	Before Each Use
Roll up strap & slings & store in toolbox.	After Each Use



SERVICE & REPLACEMENT COMPONENTS

FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER
1	Sew-on Steel Hook for 1" Wide Web	McMaster Carr 3648T45
2	1" x 15' Thumb Ratchet Strap w/ S-Hook	US Cargo Control 1615SH
3	Nylon Lifting Sling - Straight Eye & Eye - 1" x 3' - 1-ply	US Cargo Control EE1-901-03-T3



TROUBLESHOOTING

PROBLEM	SOLUTION
Strap or sling is torn or damaged.	Replace damaged item.
Ratchet is inoperational.	Replace ratchet strap.





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
A	03/28/2025	Initial release

