

## TOOL USE INSTRUCTION

**RIVIAN**

TOOL NUMBER TSN00968-100-A

TITLE AIR LINE TUBING CUTTER

REV - DATE REV A - 03/04/2025

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### TOOL FUNCTION

Used to cut suspension air line during an inline splice repair.



03/04/2025 REV A

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## OVERVIEW

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### SPECIFICATIONS

Weight: <1.0 lb

Overall Dimensions: 3.0 in Length, 1.0 in Tall, 1.0 in Wide

### LABOR CODES

1854- Air Suspension

### OTHER TOOLS/ PARTS REQUIRED

SC00026370-A: Air Line Splice Kit (required when making air line repairs)



### COMPONENT GUIDE

ITEM	QTY	RIVIAN TOOL ID	DESCRIPTION
1	1	TSN00968-100-A	Air Line Tubing Cutter








**WARNING**

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



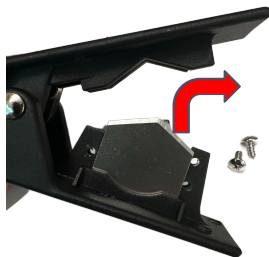

Failure to follow guidelines outlined in this document could result in injury and/or property damage.

**SAFETY GUIDELINES**

1	<b>PPE REQUIRED</b> - Safety glasses	
2	<b>CAUTION</b> - Sharp objects, gloves required	
3	<b>CAUTION</b> - Risk of damage to vehicle, follow service manual procedure	







## INITIAL SETUP

1	<p>In cases where the blade needs to be replaced: With the jaw closed, unscrew the x2 small screws</p>	
2	<p>Open the jaw with one hand</p>	
3	<p>Lift out the blade with the other hand.</p> <div><p><b>IMPORTANT</b></p><p>Dispose of used blades in the designated sharp object disposal container</p></div>	
4	<p>Installation of the new blade is the reverse of replacement.</p> <p>Orient the cutting side facing up.</p>	



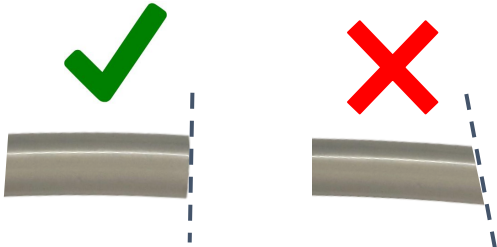


## TOOL USE INSTRUCTION

1	Open the jaw on the cutting tool.	
2	Position the air line (where you want to cut it) into the V-groove of the cutter.	
3	Lower the cutting blade onto the air line.	
4	Apply downward pressure onto the air line to initiate the cut.	



## TOOL USE INSTRUCTION

5	Apply continuous downward pressure to perform the cut on the air line going through the air line tube.	
6	Once the cut is complete, release the handle and open the cutting jaw.	
7	Inspect the air line cut to ensure that it is a straight vertical cut. This will ensure proper connection to the air line fitting being used.	
8	If the cut is not ideal, repeat steps 1-7 on the <b>Tool Use Instruction</b> section.	



**BASIC MAINTENANCE GUIDE**

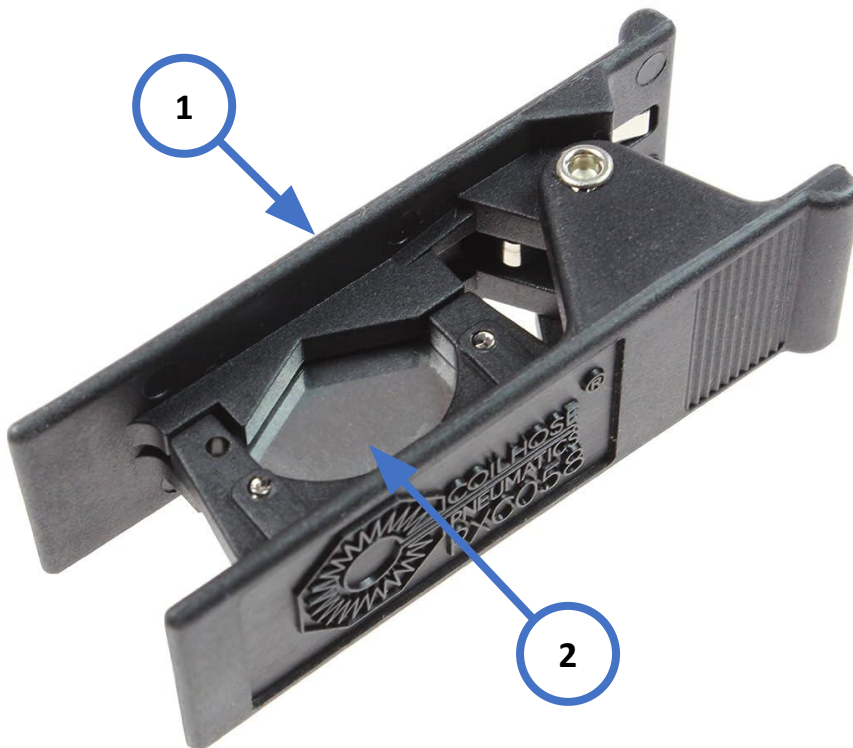
TASK	FREQUENCY
Inspect tool for any damage. Do not use tool if broken, replace immediately.	Before each use
Inspect cutting blade as necessary to ensure clean/precise cutting.	Before each use
Put back in storage location.	After each use



## SERVICE & REPLACEMENT COMPONENTS

FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER
1	Air line tube cutter	McMaster Carr 8288A52
2	Replacement blades (pkg of 5)	McMaster Carr 8288A54





## TROUBLESHOOTING

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PROBLEM	SOLUTION
Tube is not cutting correctly	Inspect blade and replace as necessary
The cutting tool is not opening	Inspect tool for any damage and replace as necessary
The cut on the air line is not straight	Reposition the air line so it is parallel to the cutting blade.





**PPE REQUIRED**



**CAUTION**

Sharp Objects, Gloves  
Required



**CAUTION**

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

**REVISION LOG**

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REV	DATE	CHANGE DESCRIPTION
A	03/04/2025	Initial release

