# TOOL USE INSTRUCTION

| RIVIAN | | |
|---|---|---|
| | TOOL NUMBER | TSN01572-300 |
| | TITLE | WHEEL STUD REPLACEMENT KIT |
| | REV - DATE | REV 1 10/22/26 |

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## TOOL FUNCTION

USED TO REMOVE AND INSTALL R1, R2 AND EDV WHEEL STUDS.



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## 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 | **WARNING**<br>Risk of minor injury |  |
| 2 | **DANGER**<br>Risk of major injury such as<br>• Crushing / maiming |  |
| 3 | **CAUTION**<br>Risk of<br>• damage to vehicle or property<br>• voiding warranty |  |
| 4 | **CAUTION**<br>Risk of Pinch Point<br>• keep hands and fingers clear of all moving parts. |  |
| 5 | **PPE REQUIRED**<br>• eye protection<br>• closed toe shoes<br>• gloves<br>• ear protection |  |

## SPECIFICATIONS

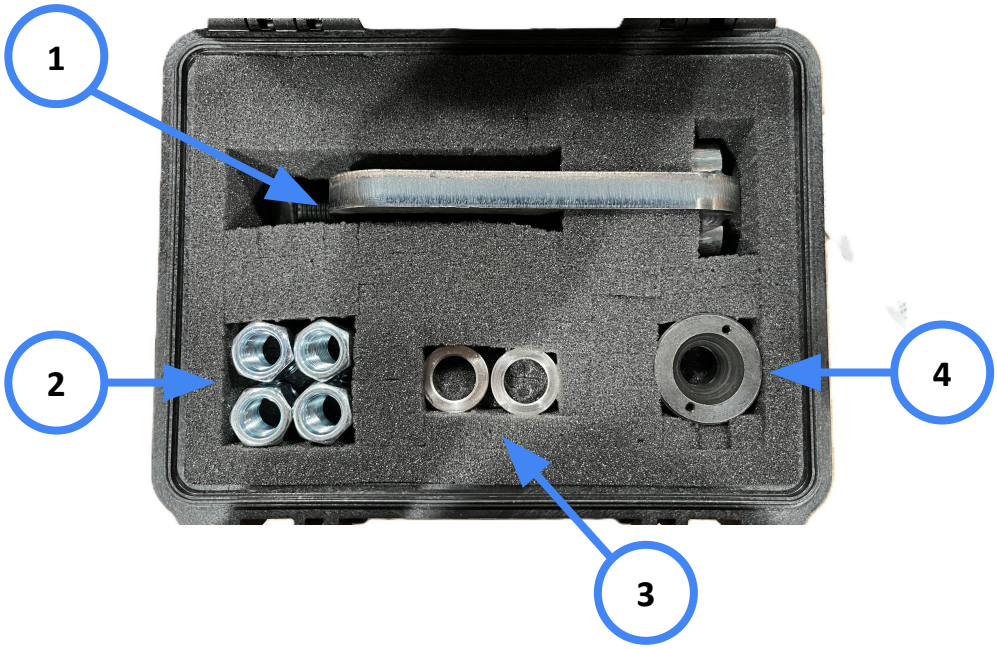
9.5” x 7.5” x 4.5”
5.5 LBS

## LABOR CODES

N/A

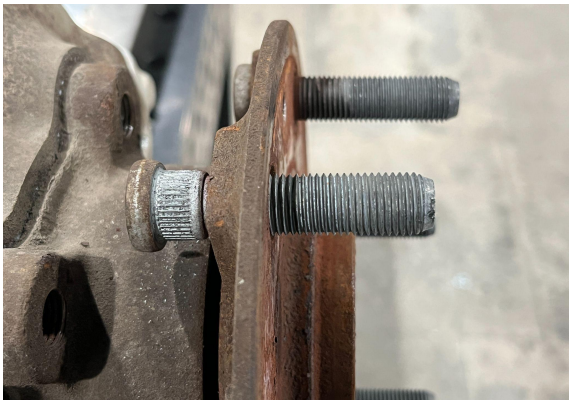
## OTHER TOOLS REQUIRED

TSN00059-100-A | RATCHET, 1/2" DR, FLEX HEAD"
TSN00143-100-A | SOCKET, SHALLOW, 1/2" 6PT. IMPACT 24MM
TSN00141-101-A | SOCKET, SHALLOW, 1/2" 6PT. IMPACT 21MM




## COMPONENT GUIDE

| ITEM | QTY | RIVIAN TOOL ID | DESCRIPTION |
|---|---|---|---|
| 1 | 1 | TSN01572-200-A | WHEEL STUD REMOVER |
| 2 | 4 | N/A | LUG NUTS M14 x 1.5MM THREAD |
| 3 | 2 | N/A | 18-8 STAINLESS STEEL UNTHREADED SPACER |
| 4 | 1 | N/A | WHEEL STUD INSTALLER |

| | | |
|---|---|---|
| **1** | Place Wheel Stud Press onto hub and engage stud that needs to be removed. |  |
| **2** | Ensure the fork of the Wheel Stud Press is centered on the end of the wheel stud. |  |
| **3** | Using a ½" ratchet with 24mm socket, turn the forcing screw to press the stud out of the hub.<br>**IMPORTANT**<br>Do not use Impact. |  |
| **4** | Once the splines of the stud are full disengaged from the hub, the stud can be removed. |  |

| | | |
|---|---|---|
| **5** | Install new wheel stud through hub. Then install Spacer, Wheel Stud Installer and Lug Nut onto wheel stud. |  |
| **6** | Use ½” ratchet with 21mm socket to draw the wheel stud into the hub.<br><br>**IMPORTANT**<br>Do not use Impact |  |
| **7** | Installation is complete when the shoulder of the wheel stud is fully seated against the backside of the hub. |  |

**BASIC MAINTENANCE GUIDE**

| TASK | FREQUENCY |
|---|---|
| Inspect all components for any damage or wear. | Before Each Use |
| Return tool to designated storage location. | After Each Use |

*FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING*

| ITEM | DESCRIPTION | SUPPLIER + PART NUMBER |
|---|---|---|
| 1 | 18-8 STAINLESS STEEL UNTHREADED SPACER, 1” OD, ¼” LONG, FOR ⅝” SCREW SIZE | MCMASTER-CARR - 92320A416 |
| 2 | LUG NUTS M14 x 1.5MM THREAD | MCMASTER-CARR - 4991T963 |
| 3 | WHEEL STUD INSTALLER | LISLE - 22800 |









| PROBLEM | SOLUTION |
|---|---|
| The wheel stud press fork slips or misaligns during removal. | Center the fork of the wheel stud press squarely on the end of the wheel stud before turning the forcing screw with your ratchet. |
| The forcing screw binds or becomes difficult to turn during stud removal. | Inspect the press and forcing screw for proper alignment with the stud axis, and check components for wear or damage prior to applying force. |
| The new wheel stud does not seat fully against the backside of the hub. | Verify that you have placed the spacer, wheel stud installer, and lug nut onto the stud in the correct order, then turn your flex head ratchet until the shoulder of the stud seats completely against the back of the hub. |
| Lug nut or stud threads strip during installation. | Carefully start threading the lug nut by hand to ensure alignment before tightening with your socket and ratchet, and replace any damaged hardware. |
| Kit components are worn, damaged, or missing. | top the procedure immediately if tools are damaged, and consult the Rivian Service Tool Catalog or supplier part listings to obtain replacement spare components. |



**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 | 10/22/2026 | Initial Release |
| | | |