

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER

TSN01690-100

TITLE

LOWER CONTROL ARM PRY TOOL

REV - DATE

REV 1 04/30/2026

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TOOL FUNCTION

USED TO PULL DOWN ON AND FREE FRONT LOWER CONTROL ARMS FROM THE KNUCKLE





**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	PPE REQUIRED <ul style="list-style-type: none"> ● eye protection ● closed toe shoes ● gloves 	
2	CAUTION Risk of Pinch Point <ul style="list-style-type: none"> ● keep hands and fingers clear of all moving parts. 	



SPECIFICATIONS

Weight: 8.0 lbs

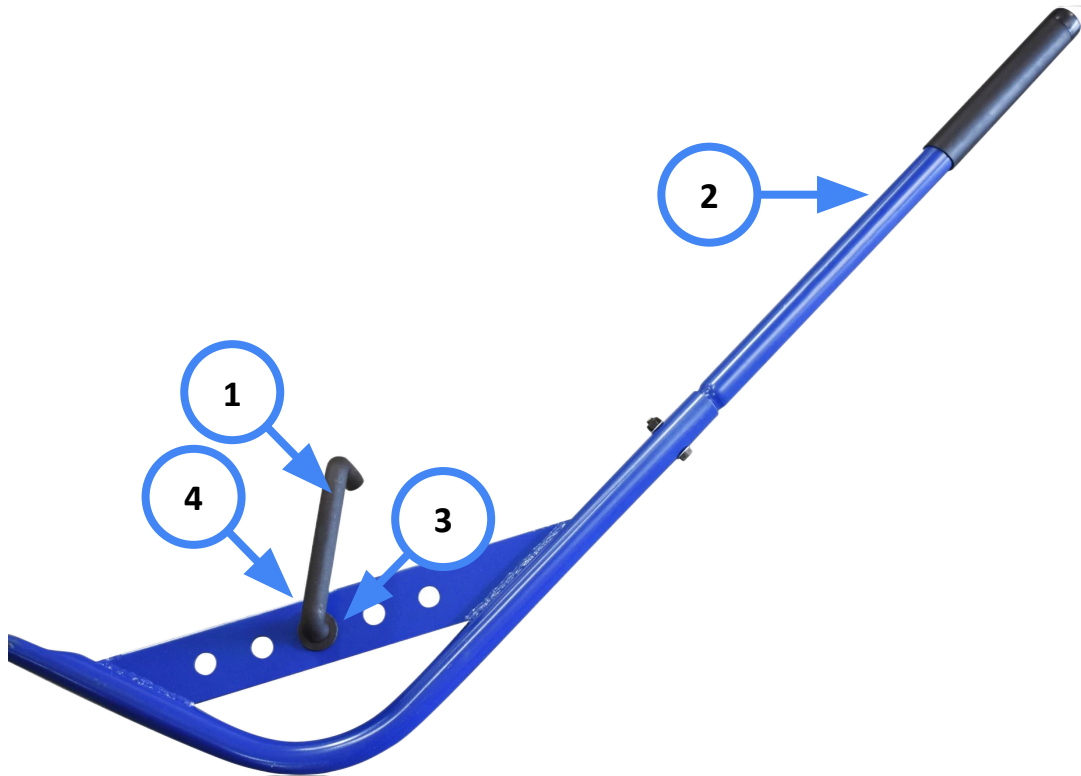
Overall Dimensions: 66 in height 235 in width

LABOR CODES

1810- Front Suspension

OTHER TOOLS REQUIRED





Ball Joint Remover






COMPONENT GUIDE

ITEM	QTY	DESCRIPTION
1	1	Hook Over Arm Adapter
2	1	Extension bar
3	2	Washer(s)
4	1	Spin Nut (backside)

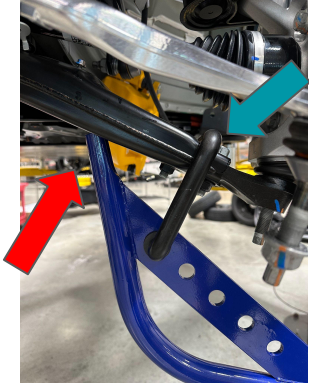
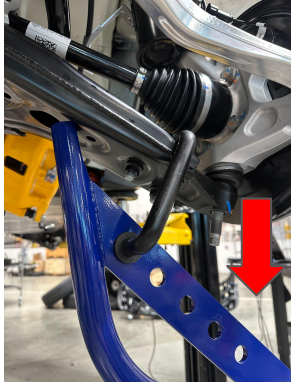



<p>1</p>	<p>Layout all assembly items</p>	
<p>2</p>	<p>Put 1x washer over the shaft of the Hook over arm adapter</p>	
<p>3</p>	<p>Insert the hook over arm with the single washer into the desired hole (set it up based on how you want to secure the lower control arm)</p>	
<p>4</p>	<p>Once the hook over arm with the single washer is through the hole, install the second 1x washer over the threaded body</p>	



<p>5</p>	<p>Secure the assembly with the provided nut (snug but not tight). This will allow the hook over arm adapter to rotate freely in the hole to allow placement on the control arm when using it.</p>	
<p>6</p>	<p>Install the extension bar into the lower control arm pry tool</p>	
<p>7</p>	<p>Secure the extension bar tight with the provided hardware.</p>	



<p>1</p>	<p>Disconnect lower control arm ball joint from knuckle on the vehicle following the Service Manual Procedure</p>	
<p>2</p>	<p>Slide the hook over arm to the top side of the arm and the lower part of the tool to angle at the bottom side of the control arm</p>	
<p>3</p>	<p>Pull down on the tool to disconnect the lower control arm from the knuckle.</p>	
<p>4</p>	<p>Use the extension bar part of the tool to pull the lower control arm downwards.</p>	

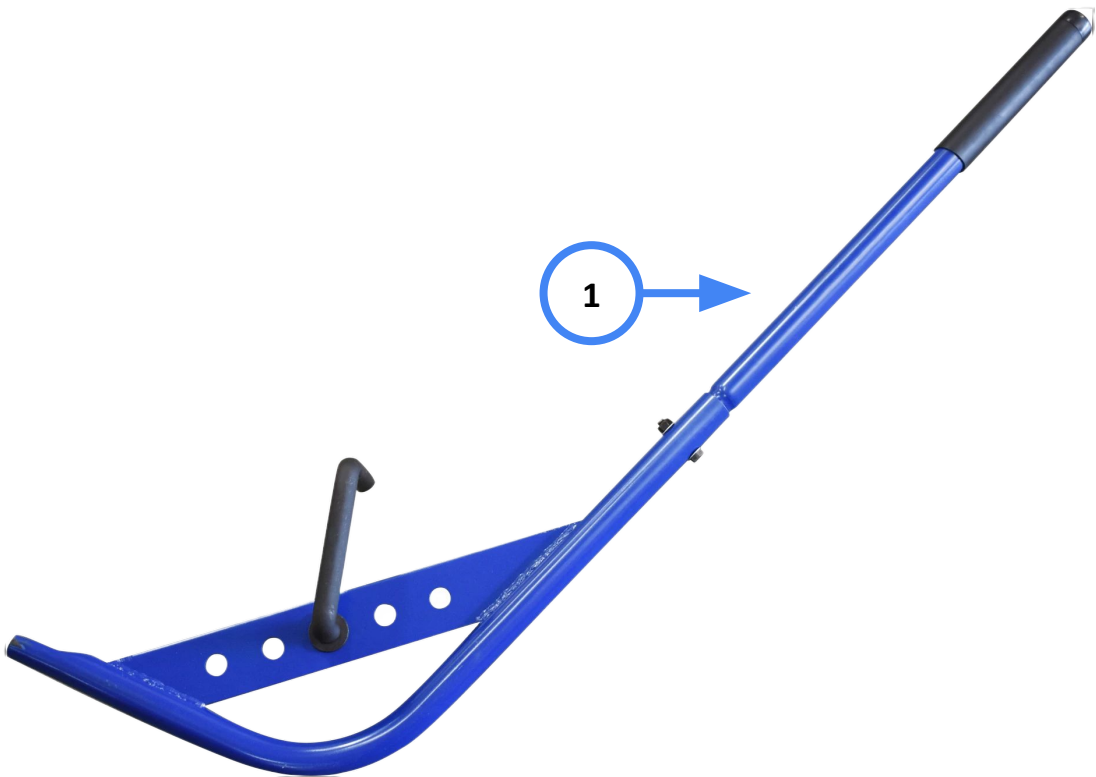


TASK	FREQUENCY
Check fasteners on the tool for damage or excessive play (replace components or tighten as needed)	Before each use
Inspect tool for damage and proper function	Before each use
Return to designated location	After Each Use



FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER
1	Lower Control Arm 4ft Pry Bar	Astro Pneumatic 78914



PROBLEM	SOLUTION
Won't fit over lower control arm	Adjust the placement of the Hook over adapter to another slot
Hook over adapter is to loose	Snug down the fastener to minimize slop





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

Refer to Service Manual for service procedures

NOTE

REV	DATE	CHANGE DESCRIPTION
1	04/30/2026	Initial Release

