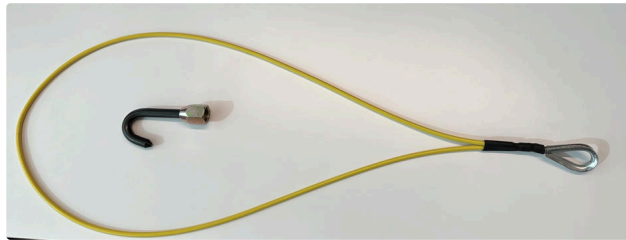


TSN01127-300-A Axle Extractor Tool- Universal Tool Use Instructions (TUI)



Purpose:

Tool use instructions on how to utilize the Axle Extractor- Universal tool when removing Drive axles on Rivian vehicles.

Tool can be used on all models with different axle configurations

⚠ CAUTION: The Axle Extractor Tool- Universal is **NOT FOR LIFTING!!**
Risk of bodily injury: This procedure might be missing warnings and cautions that are necessary for safe operation and prevention of damage to the vehicle or equipment.

Supporting Tools:

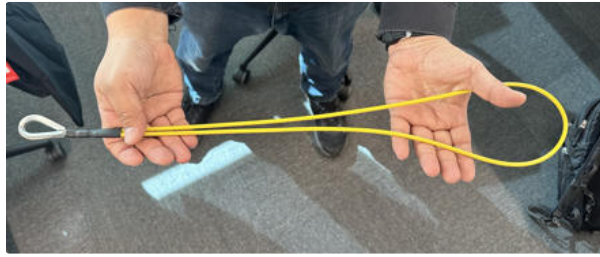
- 10 lb Slide Hammer (TSN00363-100-A)
- TSN00709 (NCT08171334) - AXLE BOOT PROTECTOR

Pre-requisites:

- Removal of wheels from vehicle
- Removal of necessary suspension components to gain proper access to the drive axles

Tool Setup:

- With tool laid out, we are going to create a noose knot. This is how it will be installed onto the axle when you have access.

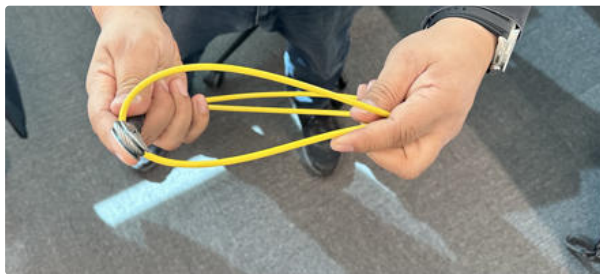


Wire rope **Thimble** shown left, wire **Loop** shown on right

- Grab the **Thimble** end in one hand and the **Loop** end in the other and bring them next to each other



- Put the **Loop** end over the **Thimble** end



- Pull the **Thimble** end through the **Loop** and you will have your Noose Knot.
The opening created will be what is used to wrap around the Inner end of the drive axle and will only get tighter as it is pulled by the **Thimble**.



- When attached to the end of the axle, it should look similar to this:
- You will need to pull the axle using the 10lb Slide Hammer (TSN00363-100-A) using the provided Utility Hook and Duplex Nut that is in the Axle Extractor-Universal kit.



Be sure to use TSN00709 (NCT08171334)-Axle Boot Protector prior to installing the Universal Axle removal tool over the inner axle housing. Refer to next step for Axle Boot Protector installation instruction.

- Trim and install TSN00709 (NCT08171334) - AXLE BOOT PROTECTOR as shown to protect the Inner axle housing when it is extracted from the drive unit.



Trim the center line of TSN00709 (NCT08171334)-Axle Boot Protector and slip it over the Inner axle housing.



Axle Boot Protector installed onto Inner axle housing.

- Here is a video of it being used to extract a drive axle in a vehicle.

⚠ Install TSN00709 (NCT08171334) - AXLE BOOT PROTECTOR before you remove the drive axle from the vehicle to protect the boot from possible damage. (Not shown on demo videos)



****Demonstration videos performed in controlled test environments and not representative of scenarios in a service center.***