

TSN01002-300-B Output Seal Tool (Enduro)

PURPOSE:

Assist in installation of the Output Drive Axle seal on Enduro Drive Unit



LABOR CODE:

LABOR CODE:

381050010

Seal, Output, Front Drive Unit, LH (Remove and Replace)

381050110

Seal, Output, Front Drive Unit, RH (Remove and Replace)

421050010

Seal, Output, Rear Drive Unit, LH (Remove and Replace)

421050110

Seal, Output, Rear Drive Unit, RH (Remove and Replace)

OTHER TOOLS REQUIRED:

- [TSN01211-300 - DRIVE UNIT OUTPUT SEAL PULLER \(CLICK HERE FOR TOOL USE INSTRUCTIONS\)](#)
- [TSN00303-100 - TREAD DEPTH GAGE](#)
- [TSN00273-100 - HAMMER, DEAD BLOW, 48OZ](#)

PRIOR TO USAGE:

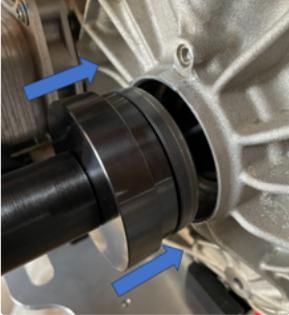
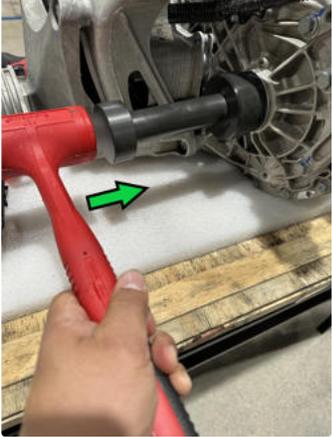
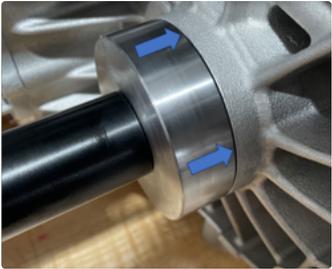
- Obtain necessary replacement parts, including new OEM output seal
- Clean work area to ensure no debris is present prior to seal installation
- Clean mating surface of tools to ensure no debris gets on to the seal

⚠ CAUTION: Do not perform procedure if any equipment is missing or damaged. Contact tooling team with any questions or requests for replacement parts. ServiceToolEngineering@rivian.com

TOOL USAGE:

**Pictures/Images shown are from Passenger side of the Drive Unit. Steps are the same for both sides of the Enduro Drive Unit.*

STEP	DIRECTIONS	VISUAL AID
1	Use TSN01211-300 - DRIVE UNIT OUTPUT SEAL PULLER to remove old seal from drive unit. Thoroughly clean exposed surfaces to remove excess oil or debris.	 <p>Clean the axle seal surface area</p>
2	Load a new seal onto the install tool, with rubber lip seated inside of the tool cavity and metal ring facing out as shown. Ensure seal is seated evenly against mating face of the tool.	

		
3	<p>Install output seal tool with seal into the drive unit output cavity. Apply light pressure to engage seal with the bore, ensuring tool is perpendicular to the install axis.</p>	
4	<p>Use TSN00273-100 - HAMMER, DEAD BLOW, 48OZ to strike the end of the tool to drive the seal into place. It may take a few swings with the hammer to fully seat the seal.</p> <div data-bbox="305 1016 899 1142" style="border: 1px solid #add8e6; padding: 5px; margin-top: 10px;"> <p>i Ensure that tool is kept as straight as possible while striking it with the dead blow hammer. This will ensure that the seal goes into the axle opening evenly.</p> </div>	
5	<p>When seal is fully seated, the end of the install tool will be flush with the drive unit housing.</p>	
6	<p>Use TSN00303-100 - TREAD DEPTH GAGE to confirm that seal is installed evenly and to the proper depth of 9mm (measured between surfaces shown)</p>	

