

	TOOL USE INSTRUCTION	
	Tool Number: NCT04729786	REV: 1.0
	Title: FDU AXLE PULLER	DEPT: Service Engineering

Author	Peter Langel	Approver(s)	Peter Langel
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Revision Log:

REV	Revision Description (Reason for Change)	Author	Rev. Date
1.0	Initial Release	P.Langel	6/3/2021

Reference

Labor Code: [386410010](#) Front Halfshafts

PURPOSE: This tool is used to remove the half shafts from the Front Drive Unit.

GENERAL PRINCIPLES:

The tool set consists of a Fork and 2 extension rods



ADDITIONAL TOOLS REQUIRED:

This tool works in conjunction with a 10lb. Slide hammer with 5/8-18 UNC thread. OTC 7703 Basic Slide Hammer Assembly or Equivalent is recommended



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USING THE TOOL:

1. Attach one extension rod to the fork. This makes maneuvering the tool into place much easier
2. Position the fork between the Axle and the drive unit, fitting it in past the NVH cover



3. Thread in the second extension rod on until it seats.

Important Note: Have a helper support the axle so that it is not hanging. When the axles are left to hang under their own weight, it creates binding in the inner splines, making removal difficult if not impossible. The axle will come free from the drive unit much easier if it is supported.

4. Seat the fork tightly against the axle.
5. Some axles may be loose enough to allow you to lever the handle and pop the axle. More difficult axles will require you to attach a 10lb. slide hammer with a 5/8-18 thread to the extension rod



6. Pry, or slide-hammer until the axle is completely free from the Drive Unit
7. End Instruction