

# INSTALLATION MANUAL:

Crow's Foot Jam Nut Wrench  
For Use With 1.50" Jam Nuts (1"-14)



# INCLUDED ITEMS

## 2500100 Crow's Foot Jam Nut Wrench (1.50" Jam Nut 1"-14 )

QTY	Part Number	Description	Class/Grade
1	2500100	Crows Foot Jam Nut Wrench	N/A

### Product Notes and Features:

The Crow's Foot Jam Nut Wrench offers the perfect torquing solution for the hobbyist looking to tighten their Clayton Off Road control arm and track bar jam nuts to specification. Traditional large box wrenches have terrible tolerances. This Crow's Foot wrench is designed to provide a tight fit, without the worry of slipping off the nut, or rounding the sides.

- True inside width of 1.485", which provides a superior fit compared to that of traditional box wrenches
- Designed for use with Clayton Off Road Jam Nuts on upper control arms and track bars
- Designed to be used with a ½" driver or torque wrench
- **Note: Wrench may not work for other applications, recommended for use with Clayton Off Road jam nuts and products only**



# DISCLAIMER

## WARNING:

Suspension systems and their components are designed to enhance your vehicle's off-road performance. This may cause your vehicle to handle differently, on and off-road. Always wear your seatbelt and take extra care when driving a modified vehicle. Failure to do so can result in loss of control which may result in a rollover causing serious injury, or even death to the driver and/or passengers of the vehicle. Regular maintenance and consistent inspections are required to keep your modified vehicle safe and functioning properly. These suspension systems and any components should be installed by certified technicians only. Attempts to install these products without proper knowledge can lead to poor performance, or possible failure, which may jeopardize the safety of the vehicle and its passengers. The installer is responsible for proper installation ensuring a safe and properly functioning vehicle. Take extra care when operating a modified vehicle and thoroughly inspect your vehicle before and after every off-road use.

Read the instruction set in its entirety before attempting the installation.

## NOTE:

This product may require general welding, fabrication, and automotive mechanic skills. Welding should only be done by a competent welder. Clayton Off Road implies no guarantees or warranties and is not liable for improper installation. Some grinding and fitment may be required when installing this product. Every vehicle varies slightly, and some fabrication and/or modification may be required.

## ATTENTION:

It is the customer's responsibility to thoroughly inspect all received parts to ensure they are assembled correctly and fully welded. Please carefully examine all weld seams and verify that bolt-through holes are properly aligned. Some Clayton Off Road products are permanent, non-removable, weld-on solutions. **If a defect or issue is found after installation, especially with permanent weld-on components, it may be difficult or impossible to correct.** Inspecting the part(s) received beforehand helps prevent unnecessary and avoidable complications.

## ATTENTION: TORQUE SPECIFICATION

When working on any vehicle, it is good practice to torque suspension/weight-bearing components while the vehicle is resting under its load. This instruction set, as well as any other Clayton Off Road instruction set, assumes the installer will tighten any suspension-related components properly, to the recommended torque specification, when the vehicle is resting safely under its own weight.

# INSTALLATION INSTRUCTIONS

## TOOLS REQUIRED FOR INSTALLATION

- *Crow's Foot Wrench*
- *Torque wrench or breaker bar with ½" driver*

1. Position the vehicle on the ground. Insert the Crows Foot Wrench onto the ½" driver of your torque wrench or breaker bar and set the wrench to the required torque specification. **This wrench is meant to be used with Clayton Off Road Jam Nuts only, specifically the jam nuts on the upper control arms (front and rear) and track bars.**



Figure 1: Torque wrench with new Crow's Foot Wrench

# INSTALLATION INSTRUCTIONS

2. Slip the new Crow's Foot Wrench over the jam nut you want to tighten. Slip the wrench **over the adjuster shank first, then line it up onto the jam nut.** See the photos below.



Figure 2: Crow's Foot Wrench slipped over threaded shank and onto jam nut

# INSTALLATION INSTRUCTIONS

3. Tighten the jam nut. For most applications, you'll want to tighten the jam nuts as tight as humanly possible. This means putting all of your body weight and force into the tightening motion.

The installation is now complete. It is recommended to re-tighten all jam nuts after 500 miles of driving.

