

# **DUPLEX 2 & 3 LUG WRENCHES - FORWARD CONTROLS DESIGN**

## **DUPLEX 2 & 3 LUG WRENCHES W/ WRENCH SOCKET BLACK**

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JCW (Joint Castle nut Wrench) is a dedicated, heavy duty twin castle nut wrench, precision CNC machined from 4140 steel, heat treated and black oxidized, it's something FDC has always wanted and needed. They couldn't find one they liked, so they answered their own prayers and made it. Like many AR users, FDC used either a heavy and unwieldy armorer's wrench, or a cheap stamped sheet metal castle nut wrench that couldn't be used with a torque wrench, both work, but neither is great. One is overkill, the other is barely adequate. The handy JCW combines two castle nut wrenches in one. On one end, it has a conventional 3 lug castle nut wrench, spanning 180 degrees. On the other end, it has a unique two lugs wrench, spaced only 90 degrees apart. JCW measures 3.5"x 1.84" (at its widest), but is surprising heavy at 3.14oz, due to its 4140 steel construction. JCW was designed from the start to be used with a torque wrench. On some end plates with QD swivel sockets, the sockets housing masks a good portion of the castle nut's circumference, and there are occasions where not all 3 wrench notches are accessible. FCD's own ESF (End plate, Sling adapter, Forward Controls) covers up 1/4 of the castle nut's circumference (ESF's QD swivel housing acts as a backdrop to ensure it won't bend under unforeseen pulling force) JCW's 2 lug wrench is designed specifically for this task. JCW has a center socket for use with a torque wrench. TM calls for 38 to 42 ft/Lb of torque to be applied to the castle nut prior to staking in two places, this torque value is conveniently engraved on the JCW as well. JCW is proudly designed and made in the US, it is a collaboration between Forward Controls Design and Arson Machine Co, OR. Billet machined Heat treated 4140 Dedicated castle nut wrench 2 lug castle nut wrench 3 lug castle nut wrench



### **Attributes**

- Name: [FORWARD CONTROLS DESIGN DUPLEX 2 & 3 LUG WRENCHES W/ WRENCH SOCKET BLACK](#)
- Manufacturer: [FORWARD CONTROLS DESIGN](#)
- Product no.: 100044429
- Mfr. No.: JCW (JOINT CASTLE NUT WRENCH)
- Delivery weight: 0.122kg
- Shipping height: 32mm
- Shipping width: 89mm
- Shipping length: 121mm
- UPC: 680665827176

### **Item details**

Made in USA

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# Safety Instruction Guide for DUPLEX 2 & 3 LUG WRENCHES

## Introduction

Thank you for choosing the DUPLEX 2 & 3 LUG WRENCHES by Forward Controls Design. This product has been designed to provide safe and efficient use for your needs. Please read this safety instruction guide carefully to ensure proper usage and to minimize risks associated with the product.

## General Safety Guidelines

- Ensure that the product is used for its intended purpose only.
- Always inspect the wrench before use for any signs of damage or wear.
- Store the wrench in a safe place away from children and unauthorized users.
- Follow all instructions provided in this guide to avoid hazards.
- Report any unsafe products or accidents to the relevant authorities.
- Check for recall updates on the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- **Use with Torque Wrench:** The JCW is designed to be used with a torque wrench. Ensure you apply torque within the specified range of 38 to 42 ft/Lb.
- **Avoid Overtightening:** Overtightening can damage the castle nut and the wrench. Always adhere to the recommended torque settings.
- **Inspect Before Use:** Check for any cracks, bends, or deformations in the wrench before use. Do not use if damaged.
- **Proper Grip:** Ensure a firm grip on the wrench during use to prevent slippage and potential injury.
- **Awareness of Surroundings:** Be aware of your surroundings and ensure that no one is in close proximity while using the wrench.
- **Use Appropriate Personal Protective Equipment (PPE):** Wear safety glasses and gloves to protect against potential injuries.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure the area is clean and free from any obstructions.
- Gather all necessary tools and equipment, including a torque wrench.

### 2. Using the 3 Lug Wrench:

- Position the 3 lug side of the JCW over the castle nut.
- Ensure the lugs fit securely into the notches of the castle nut.
- Turn the wrench clockwise to tighten and counterclockwise to loosen.

### 3. Using the 2 Lug Wrench:

- For areas with restricted access, utilize the 2 lug side of the JCW.
- Align the lugs with the notches on the castle nut.
- Apply torque as needed, ensuring not to exceed the recommended range.

### 4. Final Check:

- After installation, doublecheck the torque applied to ensure it is within the specified limits.
- Ensure the castle nut is properly staked in two places as per the manufacturer's instructions.

## **Disposal Instructions**

- Dispose of the product in accordance with local regulations.
- If the wrench is damaged beyond repair, consider recycling the metal components where possible.
- Do not dispose of the wrench in household waste.

## **Contact Information for Further Support**

For any questions or concerns regarding the safety and use of this product, please reach out to the manufacturer or your point of purchase. Ensure to have the product details on hand for a more efficient response.

By following these safety instructions, you can ensure a safe and effective experience with the DUPLEX 2 & 3 LUG WRENCHES. Thank you for your attention to safety and compliance.

# About Us

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