Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Koch Industries 4004593

Koch Industries 4004593 Forged Twisted Clevis, 1 Inch Instruction Manual

Introduction

This instruction manual provides comprehensive guidance for the safe and effective use of the Koch Industries 4004593 Forged Twisted Clevis, 1 Inch. Please read this manual thoroughly before installation, operation, or maintenance to ensure proper handling and to prevent injury or damage. Keep this manual for future reference.

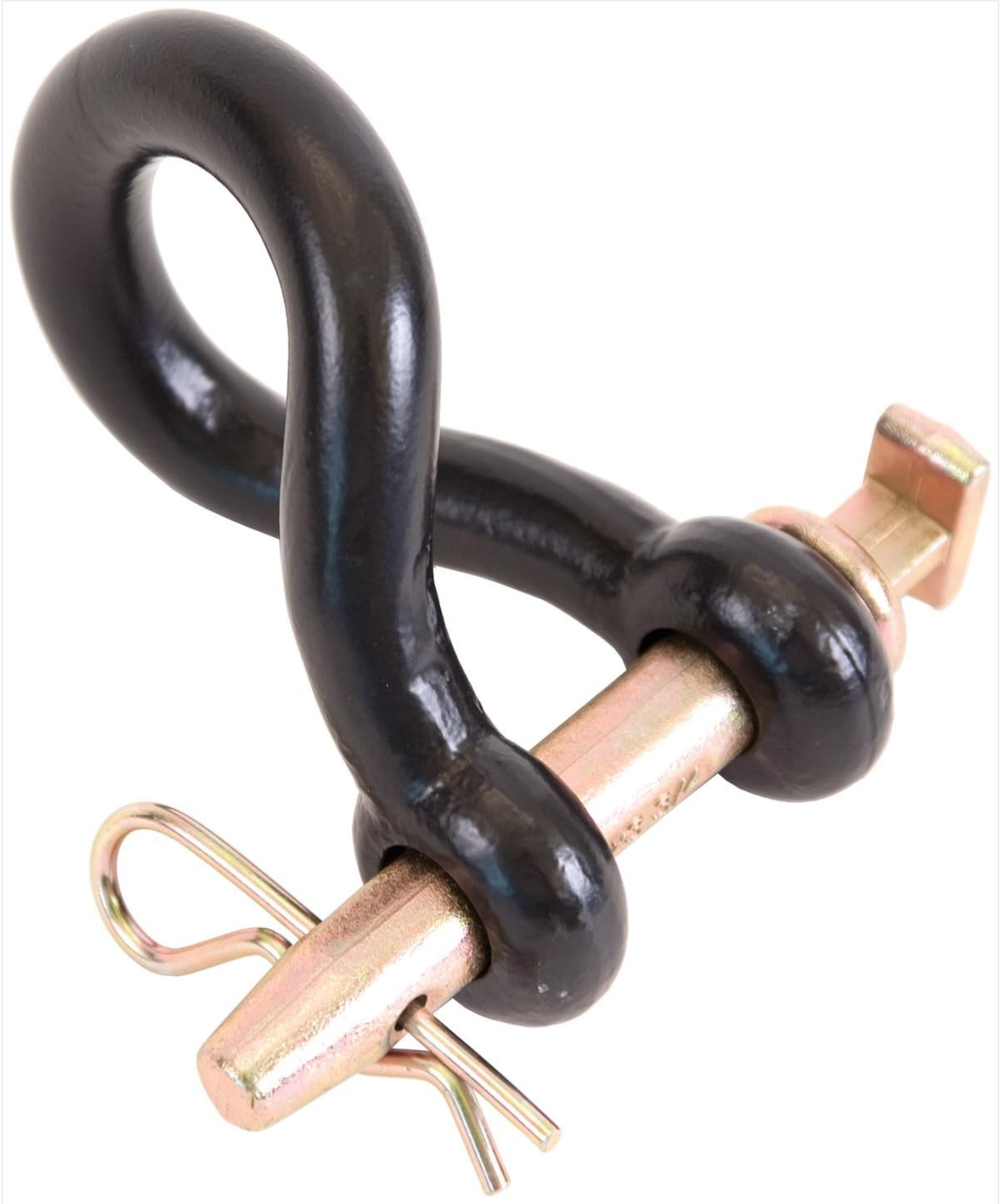
Safety Information

Always prioritize safety when working with heavy-duty equipment. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Inspect Before Use:** Before each use, visually inspect the clevis, pin, and cotter pin for any signs of wear, cracks, bends, or corrosion. Do not use if any damage is observed.
- **Load Limit:** Never exceed the maximum load limit of 25,000 pounds (11,340 kg). Overloading can lead to clevis failure and severe accidents.
- **Proper Attachment:** Ensure the clevis is correctly and securely attached to the implement or machinery. The pin must be fully inserted and secured with the cotter pin.
- **Secure Pin:** Always use the provided T-handle alloy pin and cotter pin to secure the clevis. Do not substitute with unauthorized parts.
- **Clear Area:** Keep hands, feet, and other body parts clear of the clevis and attached equipment during operation.
- **Intended Use:** This clevis is designed for coupling farm implements and machinery. Do not use for lifting overhead or for purposes other than its intended design.

Product Overview

The Koch Industries 4004593 Forged Twisted Clevis is a robust, heavy-duty component designed for secure connections in agricultural and industrial applications. It features a forged, heat-treated body with a black powder-coated finish for durability and corrosion resistance. The clevis is secured with a yellow zinc forged T-handle alloy pin.



This image displays the Koch Industries 4004593 Forged Twisted Clevis. The clevis body is black, forged, and twisted, with a 1-inch opening. A gold-colored T-handle alloy pin is inserted through the clevis, secured by a cotter pin at one end. The overall appearance is robust and heavy-duty.

Setup and Installation

Follow these steps to properly install the clevis:

1. **Select Appropriate Size:** Ensure the 1-inch clevis is compatible with the attachment points of your farm implement or machinery.

2. **Align Components:** Position the clevis so its opening aligns with the attachment point on your equipment.
3. **Insert Pin:** Slide the T-handle alloy pin through the aligned holes of the clevis and the equipment's attachment point.
4. **Secure Pin:** Once the pin is fully inserted, secure it by inserting the cotter pin through the small hole at the end of the T-handle alloy pin. Bend the ends of the cotter pin to prevent accidental dislodgement.
5. **Verify Connection:** Gently pull on the clevis to confirm it is securely attached and the pin is firmly in place.

Operating Instructions

When operating equipment connected with the clevis:

- **Monitor Load:** Always be aware of the load being applied to the clevis. Do not exceed the stated maximum load capacity.
- **Regular Checks:** Periodically check the clevis and pin during operation to ensure they remain securely connected and show no signs of stress or failure.
- **Smooth Operation:** Avoid sudden jerks or impacts that could place excessive stress on the clevis. Operate machinery smoothly.

Maintenance

Proper maintenance extends the life of your clevis and ensures safe operation.

- **Cleaning:** Clean the clevis regularly to remove dirt, mud, and debris. A mild detergent and water can be used, followed by thorough drying.
- **Inspection:** Conduct a detailed inspection for wear, cracks, deformation, or corrosion on the clevis body, pin, and cotter pin. Pay close attention to areas of high stress.
- **Lubrication:** While not strictly required for the clevis itself, ensure any mating surfaces on your equipment are properly lubricated as per their respective manuals.
- **Storage:** Store the clevis in a clean, dry environment when not in use to prevent rust and corrosion.
- **Replacement:** Replace the clevis or any components immediately if any damage or excessive wear is detected.

Troubleshooting

This section addresses common issues you might encounter.

- **Pin Does Not Fit:** Ensure the clevis size (1 inch) matches the diameter of the attachment point. Do not force the pin. Check for obstructions or deformation in the holes.
- **Clevis Appears Loose:** Verify that the pin is fully inserted and the cotter pin is securely bent. If the attachment point on your equipment is worn, it may cause play.
- **Signs of Wear/Damage:** If you observe any cracks, bends, or significant material loss, discontinue use immediately and replace the clevis.
- **Difficulty Inserting/Removing Pin:** Ensure the holes are perfectly aligned. Clean any dirt or rust from the pin and holes. A light lubricant may assist, but do not use excessive force.

Specifications

Feature	Specification

Feature	Specification
Model Number	4004593
Brand	Koch Industries
Size	1 Inch
Maximum Load	25,000 Pounds
Usable Length	5 Inches
Material	Forged Metal
Finish	Black Powder Coated
Item Weight	6 Pounds
Product Dimensions	7.7 x 5 x 5.2 Inches
UPC	719961462443

Warranty and Support

For information regarding product warranty, returns, or technical support, please contact Koch Industries directly through their official website or customer service channels. Keep your purchase receipt for any warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B004Y75SD4

More documents and user manuals: **https://manuals.plus/**