

CM 640-127

CM Columbus McKinnon Lever Assembly 640-127 (40663) Instruction Manual

Model: 640-127

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the CM Columbus McKinnon Lever Assembly, model 640-127 (part number 40663). This lever assembly is designed for use with a come-a-long for various lifting and pulling applications. Please read this manual thoroughly before installation or operation to ensure proper function and user safety.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines when handling or operating the lever assembly:

- **Read all instructions:** Familiarize yourself with the entire manual before use.
- **Inspect before use:** Before each use, visually inspect the lever assembly for any signs of wear, damage, or deformation. Do not use if damaged.
- **Proper application:** Use this lever assembly only for its intended purpose with compatible come-a-long devices for lifting and pulling.
- **Load limits:** Never exceed the rated load capacity of the come-a-long device to which this lever assembly is attached.
- **Secure attachment:** Ensure the lever assembly is securely bolted to the come-a-long device as per installation instructions.
- **Personal protective equipment:** Wear appropriate safety gear, including gloves and eye protection, during operation.
- **Keep clear:** Maintain a safe distance from the load and operating area during lifting or pulling operations.
- **Avoid modifications:** Do not modify the lever assembly in any way. Unauthorized modifications can compromise safety and performance.

3. PRODUCT OVERVIEW

The CM Columbus McKinnon Lever Assembly 640-127 is a robust component crafted from alloy steel with a

powder-coated orange finish, designed for durability and ease of identification. It serves as the primary operating handle for compatible come-a-long devices.



Figure 1: CM Columbus McKinnon Lever Assembly 640-127. This image shows the complete lever assembly, highlighting its orange powder-coated alloy steel construction.

4. SETUP AND INSTALLATION

The lever assembly is designed for easy installation onto a compatible come-a-long device. Follow these steps for secure attachment:

1. **Identify attachment point:** Locate the designated handle attachment mechanism on your come-a-long device. This is typically a bolt-on connection point.
2. **Align the lever:** Position the CM Lever Assembly 640-127 so that its attachment point aligns with the come-a-long's mechanism.
3. **Secure with bolt:** Insert the appropriate bolt (not included with this assembly, typically part of the come-a-long) through the aligned holes.
4. **Tighten fasteners:** Securely tighten the bolt and any associated nuts or washers according to the come-a-long manufacturer's specifications. Ensure there is no play in the connection.
5. **Verify stability:** After installation, gently test the lever's attachment to ensure it is firm and stable before applying any load.

Note: Always refer to the specific instruction manual of your come-a-long device for detailed attachment procedures and torque specifications.

5. OPERATING INSTRUCTIONS

Once the lever assembly is securely attached to your come-a-long, it is ready for operation. This lever is used to engage the internal mechanism of the come-a-long for lifting or pulling tasks.

1. **Prepare the come-a-long:** Ensure your come-a-long is properly anchored and connected to the load as per its own operating instructions.
2. **Engage the mechanism:** Depending on your come-a-long model, the lever will be used to ratchet the cable or chain. Move the lever back and forth in a controlled motion to apply tension and move the load.
3. **Controlled movement:** Operate the lever smoothly and avoid sudden jerks. Apply steady pressure to achieve controlled lifting or pulling.
4. **Release mechanism:** When releasing tension or lowering a load, follow the come-a-long's specific instructions for its release mechanism. The lever assembly itself does not typically control the release directly but is part of the overall operation.

Caution: Never stand directly in the path of a moving load or under a suspended load. Always maintain a clear line of sight and be aware of your surroundings.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your CM Lever Assembly 640-127.

- **Cleaning:** Keep the lever assembly clean and free from dirt, debris, and corrosive substances. Wipe down with a clean cloth after use.
- **Inspection:** Periodically inspect the alloy steel components for any signs of corrosion, cracks, bends, or other damage. Pay close attention to the handle and the bolt attachment area.
- **Fastener check:** Ensure all bolts and fasteners remain tight. Re-tighten if necessary, following recommended torque specifications if available.
- **Storage:** Store the lever assembly in a dry, clean environment away from extreme temperatures and corrosive chemicals when not in use.

Note: If any damage is found, discontinue use immediately and replace the affected part or the entire assembly.

7. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the lever assembly. Since the lever assembly is a passive component, most operational issues will relate to its attachment or the come-a-long itself.

Problem	Possible Cause	Solution
Lever feels loose after installation.	Attachment bolt not sufficiently tightened.	Re-tighten the attachment bolt and nut securely. Refer to come-a-long manual for torque specifications.
Lever is bent or deformed.	Excessive force applied; impact damage; overloading.	Discontinue use immediately. Replace the lever assembly with a new CM 640-127. Do not attempt to straighten.
Difficulty operating the come-a-long with the lever.	Issue with the come-a-long's internal mechanism; improper attachment.	Ensure the lever is correctly attached. If the problem persists, consult the come-a-long's instruction manual for troubleshooting its mechanism.

8. SPECIFICATIONS

Key technical specifications for the CM Columbus McKinnon Lever Assembly 640-127:

Model: 640-127 (Part Number: 40663)

Brand: CM (Columbus McKinnon)

Material: Alloy Steel

Exterior Finish: Powder Coated

Color: Orange

Specific Uses: Lifting, Pulling (with compatible come-a-long)

Handle Material: Alloy Steel

Handle Attachment Mechanism: Bolt

Item Weight: 2.68 pounds (approx. 1.22 kg)

Package Dimensions: 23.31 x 4.25 x 2.28 inches (approx. 59.2 x 10.8 x 5.8 cm)

Item Package Quantity: 1

Number Of Pieces: 1

Special Feature: Easy to Install

9. SUPPORT AND CONTACT INFORMATION

For further assistance, technical support, or inquiries regarding the CM Columbus McKinnon Lever Assembly 640-127, please contact the manufacturer directly or visit their official website. Always provide the model number (640-127) and part number (40663) when seeking support.

Manufacturer: Columbus McKinnon

Note: Specific contact details are not provided in this manual. Please refer to the product packaging or the official Columbus McKinnon website for current support information.