

Connex COXT570125

Connex COXT570125 Chrome-Vanadium Steel Extension Manual

PRODUCT OVERVIEW

The Connex COXT570125 is a durable 1/2-inch drive extension bar, measuring 125 mm in length. Crafted from high-quality chrome-vanadium steel, this tool is designed to provide extended reach for sockets and other drive tools, allowing access to fasteners in confined or hard-to-reach areas. Its robust construction ensures reliable performance and longevity in various mechanical and DIY applications.



Image: A silver-colored Connex COXT570125 extension bar made of chrome-vanadium steel. It features a 1/2-inch square drive on one end with a ball detent for securing sockets, and a 1/2-inch square female drive on the other end for connecting to a ratchet or other drive tool. The Connex logo and 'CHROM VANADIUM' are embossed on the shaft.

FEATURES

- **Drive Size:** 1/2-inch square drive, compatible with standard 1/2" sockets and drive tools.
- **Length:** 125 mm (approximately 4.9 inches) for extended reach in tight spaces.
- **Material:** Constructed from durable chrome-vanadium steel for strength and corrosion resistance.
- **Finish:** Silver finish, providing a clean and professional appearance.
- **Secure Connection:** Features a ball detent on the male drive end to securely hold sockets.

SPECIFICATIONS

Attribute	Detail
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Brand	Connex
Model Number	COXT570125
Drive System	1/2-Inch Square
Item Length	125 mm (approx. 4.9 inches)
Material	Chrome Vanadium Steel
Color	Silver
Number of Pieces	1

SAFETY INFORMATION

Please read and understand all safety warnings before using this tool. Failure to follow these instructions may result in injury or property damage.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, to protect against flying debris.
- Ensure the extension bar and sockets are securely attached to the drive tool before applying force. A loose connection can cause slippage and injury.
- Do not use damaged, worn, or modified tools. Inspect the extension bar for cracks, bends, or excessive wear before each use.
- Avoid using extension bars for applications exceeding their intended torque capacity. Over-torquing can damage the tool or fastener.
- Keep hands clear of moving parts and potential pinch points during operation.
- Use the correct size extension and socket for the fastener to prevent rounding or stripping.

SETUP

Follow these steps to properly set up your Connex COXT570125 extension bar:

1. **Select Socket:** Choose the correct 1/2-inch drive socket for the fastener you intend to work with.
2. **Attach Socket:** Firmly push the selected socket onto the male square drive end of the Connex COXT570125 extension bar. Ensure the ball detent engages securely with the socket's recess.
3. **Connect Drive Tool:** Insert the female square drive end of the extension bar onto your 1/2-inch drive ratchet, breaker bar, or torque wrench. Verify that the connection is secure and fully engaged.

OPERATING INSTRUCTIONS

Once the extension bar is properly set up with your socket and drive tool, you can proceed with your task:

- **Positioning:** Carefully position the assembled socket onto the head of the fastener. Ensure it is fully seated to prevent slipping.

- **Application of Force:** Apply steady, controlled force to the handle of your drive tool to loosen or tighten the fastener. The extension bar provides the necessary reach to access fasteners that are otherwise out of reach.
- **Leverage and Control:** Maintain a firm grip on the drive tool. The extension allows you to work from a more comfortable and effective position, especially in confined spaces.
- **Removal:** After use, carefully remove the socket from the fastener, then detach the extension bar from the drive tool and the socket from the extension.

MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your Connex extension bar:

- **Cleaning:** After each use, wipe the extension bar clean with a dry cloth to remove any dirt, grease, or debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Storage:** Store the extension bar in a clean, dry environment to prevent rust and corrosion. A tool box or drawer is ideal.
- **Inspection:** Periodically inspect both the male and female square drive ends for signs of wear, cracks, chips, or deformation. Also, check the ball detent for proper function.
- **Lubrication:** While not typically required, a very light coat of rust-preventative oil can be applied to the metal surface if storing in a humid environment for extended periods.
- **Replacement:** If any significant damage or wear is observed, replace the extension bar to ensure safety and prevent damage to fasteners or other tools.

TROUBLESHOOTING

Here are some common issues and their potential solutions:







- **Socket not fitting securely on extension:**
Solution: Ensure both the socket and the extension bar are 1/2-inch drive. Check for any debris, dirt, or damage inside the socket's square opening or on the extension's male drive end. The ball detent on the extension should snap into place within the socket's recess.
- **Extension feels loose when connected to drive tool:**
Solution: Verify that the female end of the extension bar is fully pushed onto the male drive of your ratchet or breaker bar. Ensure there is no debris preventing a full connection. If the drive tool's detent pin is worn, it may not hold the extension firmly.
- **Tool slips on fastener:**
Solution: This is usually due to a worn socket, a worn fastener head, or improper seating of the socket. Ensure the socket is fully seated on the fastener and that both the socket and fastener are in good condition. The extension itself should not cause slippage if properly connected.
- **Extension appears bent or damaged:**
Solution: Immediately cease use. A bent or damaged extension bar is unsafe and can fail under load, causing injury or further damage. Replace the tool.

WARRANTY AND SUPPORT

This Connex product is manufactured to high-quality standards and is designed for reliable performance. For detailed information regarding warranty coverage, product support, or service inquiries, please refer to the official Connex website or contact your authorized Connex dealer. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

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Related Documents - COXT570125

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 <p>Series C Evolution Connex System Control Version 1.11 Release Notes</p>	<p>Series C Evolution Connex System Control v1.11 Release Notes</p> <p>Release notes for Carrier's Series C Evolution Connex System Control software version 1.11, detailing updates, compatibility, and installation instructions for HVAC systems.</p>
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