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› CCLIFE 14-Piece Torx Socket Set E4-E24 Instruction Manual

CCLIFE 5098

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Model: 5098

1. PRODUCT OVERVIEW

This CCLIFE 14-piece Torx Socket Set is designed for working with external Torx fasteners. Manufactured from high-quality chrome vanadium steel, these sockets offer exceptional strength and durability for various applications, including automotive workshops, assembly companies, and agricultural use. The set includes a comprehensive range of E-profile sockets across three common drive sizes.



Image 1.1: The complete CCLIFE 14-piece Torx Socket Set, including various sizes and a durable storage case.

2. PRODUCT COMPONENTS

The CCLIFE 14-piece Torx Socket Set (Model 5098) includes the following components, all forged from premium chrome vanadium steel:

- **5 x 1/4" (6.25 mm) E-Profile Sockets:** E4, E5, E6, E7, E8
- **5 x 3/8" (9.5 mm) E-Profile Sockets:** E10, E11, E12, E14, E16
- **4 x 1/2" (12.7 mm) E-Profile Sockets:** E18, E20, E22, E24

CCLIFE



- ✓ CHROME VANADIUM
- ✓ HIGH STRENGTH
- ✓ SUPERIOR TORQUE
- ✓ GERATER TURNING POWER
- ✓ 1/4" (6,25 MM) E4-E5-E6-E7-E8
3/8" (9,5 MM) E10-E11-E12-E14-E16
1/2" (12,7 MM) E18-E20-E22-E24



Image 2.1: Breakdown of socket sizes by drive, showing E4-E8 for 1/4", E10-E16 for 3/8", and E18-E24 for 1/2".

Each socket features a precise Torx profile for secure engagement with fasteners and a square drive for connection to appropriate ratchets or wrenches.



Image 2.2: Illustration of the Torx profile for fastener engagement and the square drive for tool attachment.

3. SETUP

Before using the Torx socket set, ensure you have the correct drive tool (ratchet, breaker bar, or torque wrench) that matches the socket's drive size (1/4", 3/8", or 1/2").

1. **Identify the Fastener:** Determine the size of the external Torx fastener you need to work with.
2. **Select the Correct Socket:** Choose the appropriate E-profile socket (E4-E24) that precisely fits the fastener. A snug fit is crucial to prevent damage to both the fastener and the socket.
3. **Attach to Drive Tool:** Securely attach the selected socket to your drive tool. Ensure it clicks into place if your tool has a locking mechanism.
4. **Safety Check:** Always wear appropriate personal protective equipment, such as safety glasses, when using hand tools.

4. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your Torx socket set:

1. **Position the Socket:** Place the chosen Torx socket squarely onto the fastener head. Ensure it is fully seated and does not wobble.
2. **Apply Force:**
 - For loosening: Turn the drive tool counter-clockwise.
 - For tightening: Turn the drive tool clockwise.

Apply steady, controlled force. Avoid sudden jerking motions, which can strip the fastener or damage the tool.
3. **Torque Specifications:** If tightening, refer to the manufacturer's torque specifications for the fastener to prevent over-tightening or under-tightening. Use a torque wrench for critical applications.
4. **Removal:** Once the task is complete, carefully remove the socket from the fastener and then from the drive tool.

Caution: Do not use damaged or worn sockets. Do not use extension bars or "cheater pipes" on ratchets or wrenches unless specifically designed for such use, as this can exceed the tool's design limits and cause breakage or injury.

5. MAINTENANCE

Proper maintenance will extend the life and performance of your CCLIFE Torx socket set:

- **Cleaning:** After each use, wipe down sockets with a clean cloth to remove dirt, grease, and debris. For stubborn grime, use a mild degreaser and dry thoroughly.
- **Storage:** Store the sockets in their original blue plastic case (Model 5098) to protect them from moisture, dust, and loss. The case is designed to keep each socket organized and secure.
- **Inspection:** Regularly inspect each socket for signs of wear, cracks, or deformation. Discard any damaged sockets immediately to prevent injury or damage to fasteners.
- **Lubrication:** While not typically required for sockets themselves, ensure your drive tools are properly maintained and lubricated according to their respective manuals.



STURDY AND DURABLE

Made from high hardness chrome vanadium steel with heat and mirror polish treatment for good corrosion resistance and durability

Image 5.1: The Torx socket set stored securely in its durable blue case, ensuring organization and protection.

6. TROUBLESHOOTING

If you encounter issues while using the Torx socket set, consider the following:

- **Socket Slipping:**

- Ensure the correct size socket is being used for the fastener.
- Check if the fastener head is stripped or rounded.
- Inspect the socket for wear or damage to its internal profile.

- **Socket Not Attaching to Drive Tool:**

- Verify that the drive size of the socket matches the drive size of the tool (e.g., 1/4" socket with 1/4" ratchet).
- Check for debris or obstruction in the square drive opening of the socket or on the drive tool.

- **Difficulty Loosening a Fastener:**

- Ensure you are turning in the correct direction (counter-clockwise for loosening).
- Consider using a penetrating oil on rusted or seized fasteners.
- For extremely tight fasteners, a breaker bar may be necessary, but always ensure the socket and fastener can withstand the increased torque.

7. SPECIFICATIONS

Feature	Detail
Brand	CCLIFE
Model Number	5098
Number of Pieces	14
Material	Chrome Vanadium Steel
Finish Type	Chrome
Drive Sizes	1/4" (6.25 mm), 3/8" (9.5 mm), 1/2" (12.7 mm)
Torx Compatibility	E4-E24
Product Dimensions (L x W x H)	17 x 15 x 6 cm
Item Weight	710 grams
Power Source Type	Hand Powered
Batteries Required	No
Country of Origin	China

8. WARRANTY AND SUPPORT

For information regarding the manufacturer's warranty, please consult CCLIFE customer service directly. Information on spare parts availability for this product is currently unavailable. For any product-related inquiries or support, please contact CCLIFE through their official channels or the retailer from whom the product was purchased.