

- Manuals.plus /
- › coobeast /
 - › Coobeast 49-Piece Torque Screwdriver Set (Model S2) User Manual

coobeast S2

Coobeast 49-Piece Torque Screwdriver Set (Model S2)

User Manual

1. PRODUCT OVERVIEW

The Coobeast 49-Piece Torque Screwdriver Set is a precision tool designed for applications requiring specific torque values. It features a 1/4-inch drive and a torque range of 10-70 inch-pounds, making it suitable for various tasks including maintenance, firearm assembly, tool repair, bike repairing, and scope mounting. The set includes a comprehensive collection of S2 steel bits and sockets for versatility.

2. PACKAGE CONTENTS



Figure 1: All components of the Coobeast 49-Piece Torque Screwdriver Set.

Your Coobeast 49-Piece Torque Screwdriver Set includes:

- 1 x Torque Screwdriver
- 1 x 1/4" Extension Bar
- 1 x Bit Adapter
- 4 x Phillips Bits: PH0, PH1, PH2, PH3
- 6 x Slotted Bits: SL3, SL4, SL5, SL6, SL8, SL11
- 8 x Torx Bits: T6, T8, T10, T15, T20, T25, T30, T40
- 4 x SAE Hex Bits: 5/64, 3/32, 7/64, 3/16
- 7 x Metric Hex Bits: H2mm, H2.5mm, H3mm, H4mm, H5mm, H6mm, H8mm
- 10 x Long Bits:
 - 4 x Slotted Bits: SL4.5, SL5, SL7, SL11
 - 3 x SAE Hex Bits: 3/32, 5/32, 7/64
 - 2 x Torx Bits: T15, T20

- 1 x Phillips Bit: PH2
- 7 x 1/4" Sockets: 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm

3. SETUP AND OPERATION

3.1. Inserting a Bit



Figure 2: Quick change magnetic bit insertion.

1. Select the appropriate S2 steel bit or socket for your task.
2. Insert the bit firmly into the 1/4-inch magnetic bit holder at the tip of the torque screwdriver. The magnetic holder will secure the bit in place.

3.2. Setting the Torque Value

PRESET TORQUE VALUE



Pull down to unlock



**Rotate to increase
and decrease the torque value**



Lock Up

**Accurate alignment of the
triangular pointer with the
numbers on the scale**

Readouts: Major value adds minor scale value

Figure 3: Steps for setting the preset torque value.

1. Locate the adjusting wheel at the base of the screwdriver handle.
2. Pull the adjusting wheel downwards to unlock it.
3. Rotate the handle to align the desired torque value on the main display screen with the red line indicator. The full circle of rotation corresponds to 10 in-lbs. The scale is clearly marked in 1 in-lb increments.
4. Once the desired torque is set, push the adjusting wheel upwards to lock it in place. Ensure the wheel is fully locked to prevent accidental changes during use.

PRECISE PRESET TORQUE VALUE

Torque Range: 10-70(in-lb)

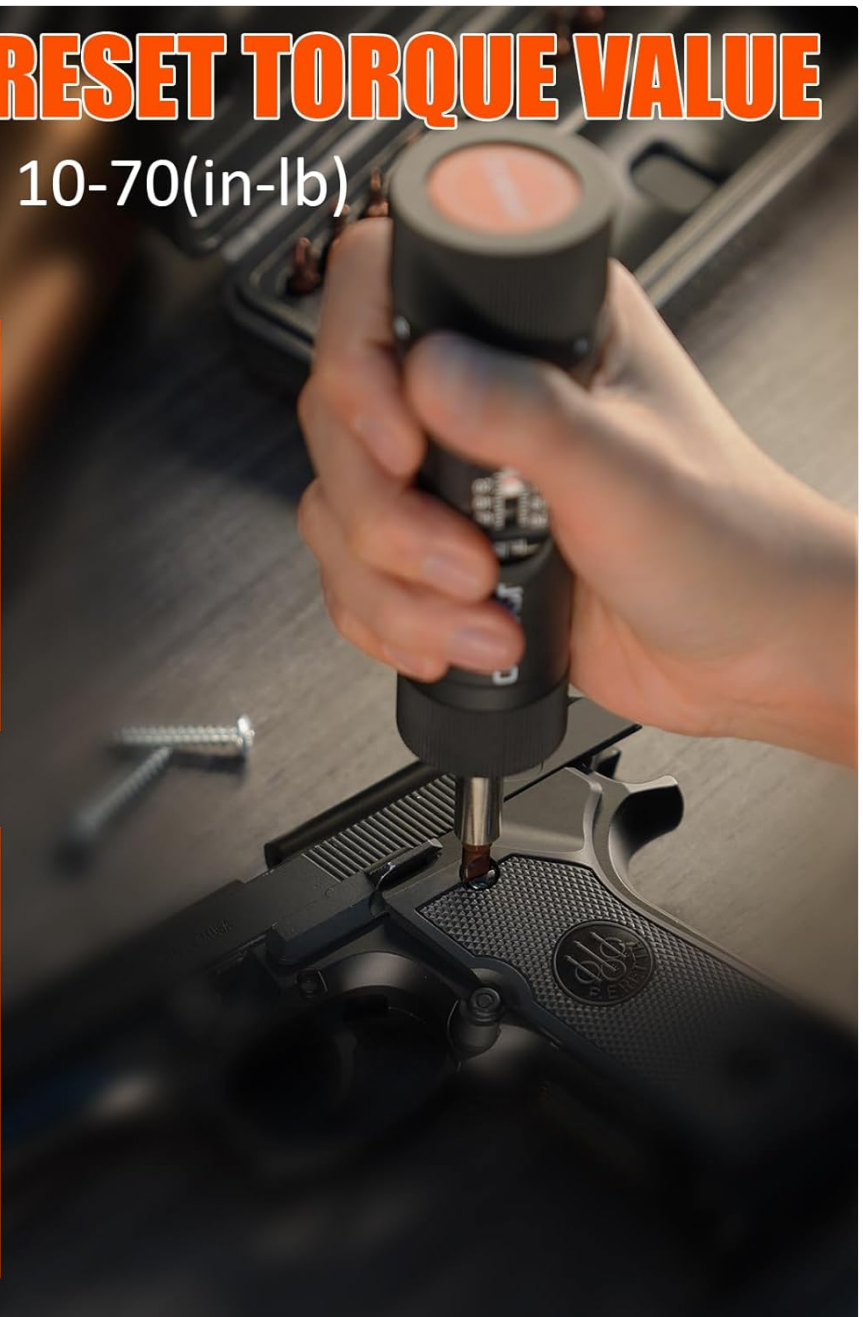


Figure 4: Precise torque value setting with major and minor divisions.

3.3. Applying Torque

1. Place the screwdriver bit onto the fastener.
2. Apply steady, continuous pressure and rotate the screwdriver clockwise.
3. Continue turning until you hear and feel a distinct "click" sound. This indicates that the preset torque value has been reached.
4. Stop turning immediately after the click to prevent over-tightening.



"CLICK" SOUND SIGNAL

Quickly determine whether reach the preset value, prevent over-torque



Figure 5: The "click" sound signal indicates reaching the preset torque.

4. MAINTENANCE

- **Cleaning:** Wipe the screwdriver and bits with a clean, dry cloth after each use to remove dirt, grease, or debris. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the torque screwdriver set in its original case in a dry, clean environment. To maintain accuracy, it is recommended to set the torque screwdriver to its lowest setting (10 in-lbs) before storing it for extended periods. This relieves tension on the internal spring mechanism.
- **Calibration:** For optimal accuracy, periodic calibration by a qualified professional is recommended, especially after heavy use or if accuracy is critical for your applications.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Screwdriver does not "click" at desired torque.	Torque setting is too high or too low for the fastener. Adjusting wheel not locked.	Verify the correct torque specification for your application. Ensure the adjusting wheel is pushed up and locked after setting the torque.
Bit slips from fastener.	Incorrect bit size or type. Worn bit. Insufficient downward pressure.	Use the correct bit for the fastener head. Replace worn bits. Apply firm, steady downward pressure while turning.
Inconsistent torque readings.	Improper storage (spring tension). Tool requires calibration.	Store at the lowest torque setting. Contact a professional for calibration.

6. SPECIFICATIONS

- **Brand:** Coobeast
- **Model:** S2
- **Torque Range:** 10-70 in-lbs
- **Torque Increment:** 1 in-lb
- **Accuracy:** +/- 2 in-lbs
- **Drive Size:** 1/4 inch
- **Material:** High Carbon Steel (for bits)
- **Number of Pieces:** 49
- **Color:** Black

7. WARRANTY AND SUPPORT

Coobeast provides quality assurance for this torque screwdriver set. If you encounter any difficulties in use or product issues, please feel free to contact us. We are committed to providing practical protection and service for your choice.

For support, please refer to the contact information provided with your purchase or visit the official Coobeast website.

ASK A QUESTION ABOUT THIS MANUAL

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