

Bolisila HT2680-2685

Bolisila Digital Torque Wrench HT2680-2685 User Manual

Models: HT2680-2685 (17-340Nm with Adapter)

1. INTRODUCTION

Thank you for choosing the Bolisila Digital Torque Wrench. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before use and retain it for future reference.

Key Features:

- Easy-to-read LCD display for precise measurements.
- Lightweight, heavy-duty, and professional design.
- Multiple measurement modes: kg-cm, Nm, in-lb, ft-lb.
- Peak and Trace measurement functions.
- Reliable torque values for automotive and industrial applications.

2. PRODUCT COMPONENTS

The Bolisila Digital Torque Wrench package typically includes the following items:

- Digital Torque Wrench Unit
- 1/2" Drive Adapters (e.g., 1/2-1/4, 1/2-3/8, depending on model)
- Storage Case
- User Manual (this document)

17-340Nm

1/2"

Adapter:

1/2-1/4

1/2-3/8



Figure 2.1: Bolisila Digital Torque Wrench and included adapters stored in its protective case.



Figure 2.2: The digital torque wrench unit shown with its various adapters, ready for use.

3. SETUP

3.1 Battery Installation

The digital torque wrench requires batteries for operation. Locate the battery compartment, typically on the handle or rear of the unit. Insert the specified battery type (e.g., AAA or button cell) ensuring correct polarity. Close the battery compartment securely.

3.2 Attaching Adapters

To use the wrench with different drive sizes, attach the appropriate adapter to the 1/2" drive square on the wrench. Ensure the adapter is securely seated and locked into place.



Figure 3.1: Front view of the digital torque wrench, highlighting the display and control buttons.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **Power On:** Press and hold the **Power/Unit (U)** button for approximately 2 seconds. The LCD display will illuminate.
- **Power Off:** Press and hold the **Power/Unit (U)** button again for approximately 2 seconds. The display will turn off. The device may also feature an auto-off function after a period of inactivity.

4.2 Setting Measurement Units

While the wrench is powered on, briefly press the **Power/Unit (U)** button to cycle through the available measurement units: Nm, ft-lb, in-lb, kg-cm. Select the desired unit for your application.

4.3 Setting Torque Value (Target Torque)

1. Press the **Mode (M)** button to enter the torque setting mode.
2. Use the **+** and **-** buttons to adjust the target torque value. Pressing and holding these buttons will increase or decrease the value more rapidly.
3. Once the desired torque value is set, press the **Mode (M)** button again to confirm and exit the setting mode, or wait for a few seconds for it to auto-confirm.

4.4 Measurement Modes (Peak & Trace)

The wrench offers two primary measurement modes:

- **Peak (P) Mode:** In this mode, the display will hold the maximum torque value applied during the tightening process. This is useful for recording the highest torque achieved. To activate, press the **P/T** button until "PEAK" or "P" is indicated on the display.
- **Trace (T) Mode:** In this mode, the display shows the real-time torque value as it is being applied. This is useful for monitoring torque application continuously. To activate, press the **P/T** button until "TRACE" or "T" is indicated on the display.

4.5 Applying Torque

1. Ensure the correct socket or attachment is securely fitted to the wrench or adapter.
2. Place the wrench onto the fastener.
3. Apply steady, smooth force to the wrench handle. Observe the LCD display for the real-time torque reading.
4. When the target torque value is reached, the wrench will typically provide an audible beep and/or a visual indicator (e.g., LED light) to alert you. Stop applying force immediately upon indication.
5. Release the wrench from the fastener.

Important: Always ensure the wrench is calibrated correctly and used within its specified torque range to prevent damage to the tool or the fastener.

5. MAINTENANCE

5.1 Cleaning

Wipe the wrench clean with a soft, dry cloth after each use. Do not use abrasive cleaners or solvents, as these can damage the display or housing. Avoid submerging the unit in water.

5.2 Storage

Store the digital torque wrench in its protective case in a dry, clean environment, away from direct sunlight and extreme temperatures. If the wrench will not be used for an extended period, remove the batteries to prevent leakage and potential damage.

5.3 Calibration

Digital torque wrenches require periodic calibration to maintain accuracy. Refer to the manufacturer's recommendations for calibration intervals. Typically, calibration should be performed annually or after significant impacts or heavy use. Contact an authorized service center for calibration services.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Wrench does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries with new ones.
Inaccurate torque readings.	Wrench needs calibration; improper usage.	Ensure proper technique (smooth, steady pull). Have the wrench professionally calibrated.
Display is dim or flickering.	Low battery power.	Replace batteries.
Wrench does not beep at target torque.	Audible alert function is off; faulty speaker.	Check manual for how to enable/disable audible alerts. If problem persists, contact support.

7. SPECIFICATIONS

- **Model:** HT2680-2685
- **Drive Size:** 1/2 inch
- **Torque Range:** 17-340 Nm (with adapter) / 2-200 Nm (base unit, specific models may vary)
- **Measurement Units:** Nm, ft-lb, in-lb, kg-cm
- **Measurement Modes:** Peak (P), Trace (T)
- **Weight:** Approximately 500 Grams
- **Manufacturer:** Bolisila
- **ASIN:** B0DPMDMM2M

Note: Specifications are subject to change without prior notice for product improvement.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact your retailer. Please have your product model number (HT2680-2685) and ASIN (B0DPMDMM2M) ready when contacting support.