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› GenSDH Digital Torque Meter HT2680-2685 User Manual

GenSDH HT2680-2685

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INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your GenSDH Digital Torque Meter HT2680-2685. Please read this manual thoroughly before use and retain it for future reference.

Product Overview

The GenSDH Digital Torque Meter HT2680-2685 is a precision instrument designed to convert a standard ratchet wrench into a digital torque wrench. It offers accurate torque measurement for various applications, including automotive, motorcycle, and general repair tasks. Key features include a clear digital display, multiple measurement units, and a wide torque range.

Safety Information

- **Read Instructions:** Always read and understand all instructions before operating the device.
- **Battery Safety:** Use only specified AAA (1.5V) batteries. Do not dispose of batteries in fire, expose to high temperatures, short circuit, disassemble, crush, or modify batteries. Dispose of used batteries responsibly.
- **Proper Use:** Use the torque meter only for its intended purpose. Do not exceed the maximum torque capacity.
- **Maintenance:** Keep the device clean and dry. Do not immerse in water or other liquids.
- **Storage:** Store the device in a dry, safe place away from extreme temperatures and direct sunlight.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, please contact customer support.

- GenSDH Digital Torque Meter HT2680-2685
- Protective Storage Case
- 1/2" Drive Adapters (quantity may vary, typically two)
- User Manual (this document)



Image: The GenSDH Digital Torque Meter HT2680-2685 securely stored in its black protective case, accompanied by two socket adapters.

SETUP

Battery Installation

1. Locate the battery compartment cover on the back of the digital torque meter.
2. Open the battery compartment cover.
3. Insert two AAA (1.5V) batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment cover securely.



Image: Rear view of the digital torque meter, displaying the battery compartment cover and a warning label regarding non-rechargeable AAA batteries.



Image: The open battery compartment of the torque meter, revealing the internal springs and contacts for two AAA 1.5V batteries.

Attaching to a Ratchet Wrench

The digital torque meter is designed to be used with a standard 1/2" drive ratchet wrench. Simply insert the square drive of the torque meter into the drive of your ratchet wrench. Ensure a secure connection.



Image: A detailed view of the digital torque meter, highlighting its 1/2-inch square drive for attachment to a wrench and the user interface with display and control buttons.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the **Power** () button to turn the device on or off.

Unit Selection

With the device powered on, press the **M** button to cycle through available measurement units (e.g., N.m, ft.lb, in.lb, kg.cm).

Mode Selection (Peak/Track)

Press the **P/T** button to switch between Peak Hold (P) and Track (T) modes.

- **Peak Hold (P):** Displays the maximum torque value applied during the measurement.
- **Track (T):** Displays real-time torque values as they are applied.

Setting Target Torque (Pre-set Mode)

While in a suitable mode, use the **+** and **-** buttons to adjust the target torque value. The device may emit an audible alert when the target torque is approached or reached.

Applying Torque

Attach the appropriate socket to the torque meter and then to the fastener. Apply force to your ratchet wrench smoothly and steadily. Observe the digital display for real-time torque readings or the peak value in Peak Hold mode.



Image: The digital display of the torque meter showing a reading of 2.0 N.m, representing the minimum measurable torque value.



Image: The digital display of the torque meter showing a reading of 200.0 N.m, representing the maximum measurable torque value.

MAINTENANCE

Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure no liquids enter the device.

Battery Replacement

Replace batteries when the low battery indicator appears on the display or when the device fails to power on. Refer to the "Battery Installation" section for instructions.

Storage

When not in use, store the digital torque meter in its protective case in a dry, cool place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries with new AAA (1.5V) batteries.
Inaccurate readings.	Device not properly calibrated (unlikely for new device), or incorrect usage.	Ensure proper technique when applying torque. If issues persist, contact customer support.
Display is dim or flickering.	Low battery power.	Replace batteries.

SPECIFICATIONS

- **Model:** HT2680-2685
- **Drive Size:** 1/2 inch
- **Torque Range:** 2-200 N.m (approximately 1.47-147.5 ft.lb)
- **Accuracy:** High precision calibration
- **Display:** Digital LCD
- **Units:** N.m, ft.lb, in.lb, kg.cm (selectable)
- **Modes:** Peak Hold (P), Track (T)
- **Power Source:** 2 x AAA (1.5V) batteries
- **Material:** Chromium-vanadium Steel
- **Features:** Compact, Multifunctional, Easy-to-read screen

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official GenSDH website. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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