

YIYEIE Y0061

YIYEIE 3/8-Inch Drive Click Torque Wrench Instruction Manual (Model Y0061)

Precision Torque Control for Automotive, Motorcycle, and Bicycle Maintenance

PRODUCT OVERVIEW

The YIYEIE 3/8-inch Drive Click Torque Wrench (Model Y0061) is engineered for precise torque application, ensuring fasteners are tightened to the correct specifications. This tool is suitable for a range of tasks, including spark plugs, motorcycles, bicycles, and light-duty automotive repairs. It features a dual-range scale (10-45 FT-LB / 13.6-61 Nm) and is pre-calibrated to $\pm 3\%$ accuracy.

Key features include:

- **High Accuracy:** Pre-calibrated to $\pm 3\%$ with traceable serialized certification.
- **Easy-to-Use Locking Ring:** Push up to unlock, rotate to set value, pull down to lock.
- **Audible "Click-Stop":** Provides clear tactile and audible feedback when target torque is reached.
- **Durable Construction:** 72-tooth reversible ratchet head forged from CR-MO alloy, exceeding ANSI and ASME standards.
- **Anti-Slip Handle:** Designed for enhanced control and comfort.

SETUP AND TORQUE ADJUSTMENT

Properly setting the torque value is crucial for accurate operation and to prevent over-tightening or under-tightening fasteners.

1. **Unlock the Adjustment Ring:** Locate the adjustment knob at the end of the handle. Push the knob upwards to unlock the torque setting mechanism.
2. **Set the Main Torque Value:** Rotate the handle to align the desired main torque value (e.g., 10, 20, 30 ft-lb) on the main scale with the vertical line on the wrench body.
3. **Fine-Tune with Micrometer Scale:** Use the micrometer scale on the handle to add smaller increments to your main setting. For example, to set 21.5 ft-lb, set the main scale to 20 ft-lb, then rotate the micrometer scale until the 1.5 mark aligns with the vertical line.
4. **Lock the Adjustment Ring:** Once the desired torque value is set, pull the adjustment knob

downwards to lock the setting in place. Ensure it is securely locked before use to prevent accidental changes.



Image Description: A detailed view of the YIYEIE 3/8-inch Drive Click Torque Wrench highlighting its dual-range design.

The image shows the main scale in lbf-ft (10-45) and N-m (13.6-61) with a micrometer scale for fine adjustments. An example demonstrates setting 21.5 lbf-ft by combining the main scale (20) and micrometer scale (1.5). The wrench is black and gold with clear white markings.

57% EFFICIENCY BOOST

1. Push up
2. Rotate
3. Pull down

Traditional design requires
Pulling & holding

Upgraded Lock Ring
Push once, twist freely

Image Description: This image illustrates the "57% Efficiency Boost" feature of the YIYEIE torque wrench. It shows a comparison between a traditional design requiring pulling and holding a locking ring, and the upgraded YIYEIE design where you push up to unlock, rotate, and pull down to lock, allowing for free twisting. The mechanism is highlighted with blue lock/unlock icons.

OPERATING INSTRUCTIONS

Follow these steps to correctly use your YIYEIE torque wrench:

1. **Attach Socket:** Select the appropriate socket for your fastener and attach it securely to the 3/8-inch square drive head of the torque wrench. The quick-release button ensures a secure fit and rapid socket swapping.
2. **Position the Wrench:** Place the socket onto the fastener. Ensure the wrench head is fully engaged with the fastener.
3. **Apply Force:** Apply slow, steady, and increasing force to the wrench handle in a clockwise direction. Avoid sudden jerks or rapid movements.
4. **Listen for the "Click":** Continue applying force until you hear and feel a distinct "CLICK" from the wrench. This indicates that the preset torque value has been reached. Immediately stop applying force once the click is detected.
5. **Release and Repeat:** Remove the wrench from the fastener. If tightening multiple fasteners, repeat

the process for each one.



Image Description: The image shows the YIYEIE torque wrench being used to tighten a bolt on a motorcycle. The "CLICK-STOP" feature is emphasized, indicating that the wrench provides a clear signal when the desired torque is reached, preventing over-tightening. A graph illustrates the torque increasing until the click point.

Your browser does not support the video tag.

Video Description: This video from GodesonDirect demonstrates how to use a 3/8-Inch Drive Click Torque Wrench. It shows the process of setting the torque, attaching a socket, and applying force until the audible click is heard, indicating the correct torque has been reached.

MAINTENANCE AND STORAGE

Proper maintenance and storage will ensure the longevity and accuracy of your torque wrench.

- **Reset After Use:** After each use, always reset the torque wrench to its lowest setting (10 ft-lb / 13.6 Nm). This relieves tension on the internal spring mechanism, preserving its calibration and accuracy over time.
- **Cleaning:** Wipe the wrench clean with a dry, soft cloth. Do not use solvents, harsh chemicals, or immerse the wrench in liquids, as this can damage internal components and affect calibration.
- **Storage:** Store the torque wrench in its protective storage case in a dry, clean, and temperature-

controlled environment. Avoid storing it in areas with extreme temperatures or high humidity.

- **Avoid Dropping:** Do not drop the torque wrench. Impacts can significantly affect its calibration and accuracy.



Image Description: This image highlights the durable construction of the YIYEIE torque wrench, emphasizing its "20000+ TIMES" durability. It showcases the 72-tooth gears, reversible ratchet, quick-release button, and anti-slip handle, all contributing to its robust design.

Your browser does not support the video tag.

Video Description: This video from EPFamily Direct provides instructions for using an EPAuto 1/2-inch Drive Click Torque Wrench. It covers setting the torque, using the wrench, and proper storage by resetting it to the lowest setting after use.

TROUBLESHOOTING

If you encounter issues with your torque wrench, consider the following:

- **No Audible Click:**
 - Ensure the torque setting is not below the minimum range (10 ft-lb / 13.6 Nm).
 - Verify the adjustment knob is securely locked after setting the torque.
 - Apply force smoothly and steadily. A sudden jerk might cause you to miss the click.

- If the issue persists, the wrench may require recalibration or service.

- **Inaccurate Readings:**

- Confirm the wrench was reset to its lowest setting after previous uses.
- Avoid using the torque wrench as a standard ratchet for breaking loose fasteners, as this can affect calibration.
- Ensure the correct torque value is set for the specific fastener.
- If accuracy is consistently off, recalibration is recommended.

SPECIFICATIONS

| Feature | Detail |
|---------------------|---|
| Model Number | Y0061 |
| Drive Size | 3/8-Inch Drive |
| Torque Range | 10-45 FT.LB (Foot-Pounds) / 13.6-61 Nm (Newton-meters) |
| Accuracy | ±3% (Pre-calibrated with traceable certification) |
| Ratchet Head | 72-Tooth Reversible, Quick-Release |
| Material | Chromium Molybdenum Steel (CR-MO alloy) |
| Finish | Powder Coated |
| Item Weight | 721 g |
| Included Components | 3/8-Inch Drive Click Torque Wrench, Protective Storage Case |

BE A TORQUE PRO

Exceptional durability with professional-grade precision for Motorcycle and Car Spark Plug, installation & maintenance



Image Description: This image displays the YIYEIE torque wrench alongside its Certificate of Calibration, emphasizing its high accuracy of up to $\pm 3\%$. The certificate details the model number (Y0061), serial number, tolerance, and test results, confirming compliance with ASME, DIN, and ISO standards.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or contact YIYEIE customer service. Keep your purchase receipt as proof of purchase. For additional information, visit the [YIYEIE Store on Amazon](#).