

# **Digital Electronic Torque Wrench**

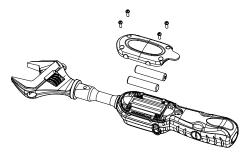


Quick Start Guide Model 60648

# BEFORE USING THE WRENCH

# BATTERY INSTALLATION

- Remove the battery cover.
- Insert two AAA batteries matching the -/+ polarities of the battery to the battery compartment.
- Put on the battery cover and fasten it tightly according to the following figures.



ATTENTION: When opening the battery cover of the wrench, you can see a viewing window for the water contact indicator. Through this viewing window, you can check if the wrench is damaged by water penetration where the water contact indicator turns red.

#### ATTENTION:

If an external force is applied to the torque wrench during the power-on/re-set or wake up period, an initial torque offset will exist in the memory.

# ACTIVATION DURING SLEEP MODE

The wrench will auto sleep after about 5 minutes idle for power saving. Press (C) to wake up the wrench during sleep mode.

# RESETTING THE WRENCH



together to reset the wrench.

# LOW BATTERY VOLTAGE PROTECTION

If the battery serial voltage is in low voltage status, the wrench will display a battery symbol and then turn off after a while.

# **SETUP**



- (1) Power On/Clear
- 2 Unit Selection/Setting
- 3 Pre-setting No.
- 4 Up/Down Button

# POWER ON

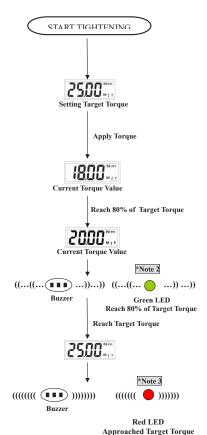
■ Press **C** to power on the digital torque wrench.

# STEP 1: UNIT SELECTION



# STEP 2: SET TORQUE VALUE





# MAINTENANCE AND STORAGE

#### ATTENTION:

To maintain accuracy, a one-year periodic recalibration is recommended. Please contact your local dealer for calibration details.

#### CAUTION:



- 1. Over-torque (110% of Max. torque range) could cause breakage or loss pf accuracy.
- 2. Do not shake violently or drop wrench.
- 3. Do not use the wrench as a hammer.
- **4.** Do not leave the wrench in any place exposed to excessive heat, humidity, or direct sunlight.
- 5. Do not use the torque wrench in water (not waterproof).
- If the wrench gets wet, wipe it with a dry towel as soon as possible. The salt in seawater can be especially damaging.
- 7. Do not use organic solvents, such as alcohol or paint thinner when cleaning the wrench.
- 8. Keep the wrench away from magnets.
- 9. Do not expose the wrench to dust or sand as this could cause serious damage.
- 10. Do not apply excessive force to the LCD panel.
- Apply torque slowly and grasp the center of the handle. Do not apply load to the end of the handle.

# **BATTERY MAINTENANCE**

- 1. When the wrench is not used for an extended period of time, remove the battery.
- 2. Keep a spare battery on hand when going on a long trip or to cold areas.
- 3. Do not mix battery types or combine used batteries with new ones.
- Sweat, oil and water can prevent a battery's terminal from making electrical contact. To avoid this, wipe both terminals before loading a battery.
- 5. Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.



Ritchie Engineering Co., Inc. YELLOW JACKET Products Division 10950 Hampshire Avenue, South Bloomington, MN 55438-2623 USA

Phone: (800) 769-8370 Fax: (800) 322-8684 Int'l Fax: (952) 943-1605 custserv@yellowjacket.com