

Kamasa-TOOLS®

Digital
torque wrench

K 2750
K 2751
K 2752



CE

Thank you for purchasing this Kamasa Tools Digital Torque Wrench. We strongly advise you to spare a few minutes to read this manual carefully before you start using the tool.

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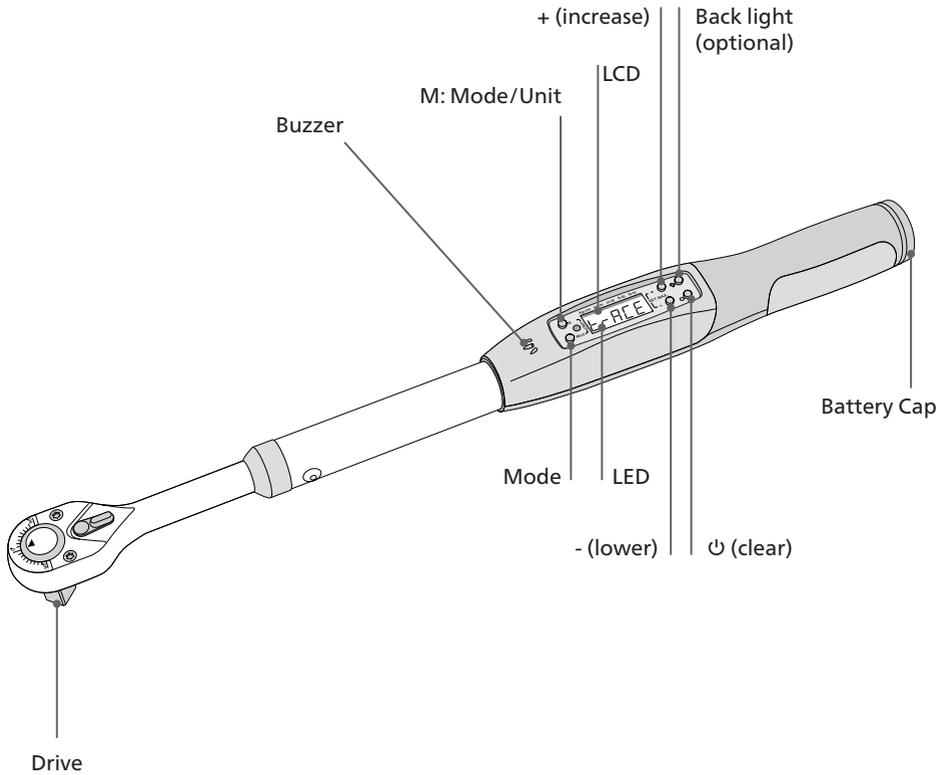
SAFETY AND PRECAUTION

- 1 Store in a clean, dry place.
- 2 Use a soft, dry, clean cloth to clean the wrench and LCD panel.
- 3 Never submerge the wrench in water or any other liquid.
- 4 Never clean the wrench with organic solvent.
- 5 Use the wrench only for the intended use described in this manual.
- 6 Do not exceed the permitted torque value for the wrench.
- 7 Do not use the wrench if it is not working properly, or if it has suffered any damage.
- 8 Do not disassemble the wrench.
- 9 Do not expose the wrench to extreme temperature, humidity direct sunlight or shock violently.
- 10 Do not shake or shock.
- 11 We recommend "Annual calibration" to maintain product's accuracy.
- 12 Always follow instructions provided by the vehicle/machine manufacturer.

PRODUCT SPECIFICATION

	K 2750	K 2751	K 2752
Accuracy	±2%		
Memory	50		
Display resolution	0.1		
Display range	27-135 N-m (19.9 ~99.6 lb-ft)		40-200 N-m (29.5 ~147.5 lb-ft)
Drive	3/8 inches	1/2 inches	
Operation mode	Peak/Track		
Unit selection	kg-cm, kg-m, lb-in, lb-ft, N-m		
Length	480 mm		530 mm
Weight	1.6 kg		1.7 kg
Gear teeth	36		
Key	6		
Battery	AAx2		
Battery life	110 hrs (continuous operation)		
Operating ambient temperature	-10°-60°C (13.9°-139.9°F)		
Storage temperature	-20°-70°C (-4°-157.9°F)		
Operating relative humidity	15 to 90% noncondensing		
Auto shut off	80 seconds (if do not use wrench)		

COMPONENTS AND FEATURES

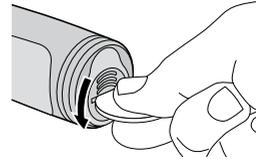


OPERATION INSTRUCTIONS

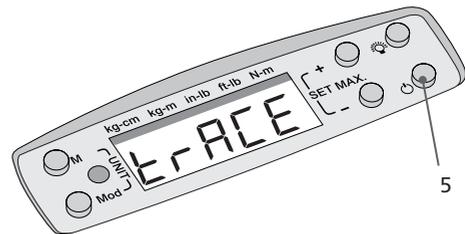
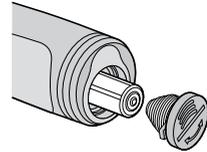
Do not press M and \odot button at the same time, the system will enter calibration mode.

BATTERY INSTALLATION AND REPLACEMENT

- 1 AAx2pcs
- 2 Keep the end tread clean and dry for good contact
- 3 Open the battery cap
- 4 Remove old batteries
- 5 Install 2xAA batteries in the handle (with the "+" mark facing upwards)
- 6 Screw the battery cap back in place



Note: When batteries are low, an  icon will light. Remove the batteries if stored for a long time. Battery life depends on battery quality and the amount of the lights and buzzer are used. Typical life is up to 110 hours.



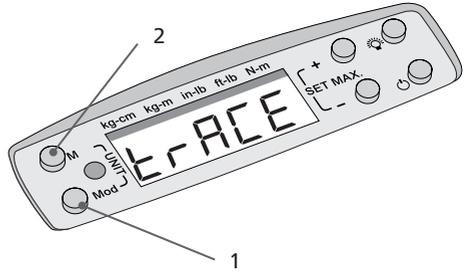
START UP

- 1 Press \odot (5) button to turn the wrench on. The LCD display shows (tr ACE) as illustrated in picture above.
- 2 After 2 seconds the LCD display will show 00.0
- 3 Turn the wrench to the desired torque shown on the display

Note: If you do not use the wrench for 80 seconds, the wrench will automatically shut off.

SELECTION OF TORQUE UNIT ON THE DISPLAY

- 1 This electronic torque wrench contains 5 unit selections (kg-cm, kg-m, lb-in, lb-ft, N-m).
- 2 Press "M" (2) and "Mod" (1) buttons at the same time and release to select different torque units. Repeat to move the indicator on the display to the preferred unit.

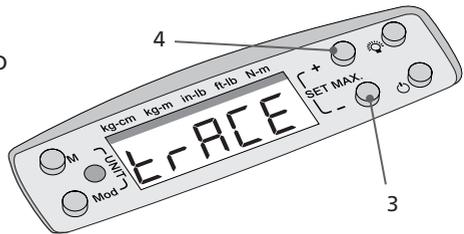


Note: When you change units the target setting will also be changed to the new unit value.

HOW TO SELECT TARGET TORQUE VALUE

Increase (+)

- 1 Press and hold the (+) button (4) to increase the current target value.
- 2 The target will show for 10 seconds.
- 3 After 10 seconds the LCD display shows 0.0.



Lower (-)

- 1 Press and hold the (-) button (3) to decrease the current target value.
- 2 The target will show for 10 seconds.
- 3 After 10 seconds the LCD display shows 0.0.

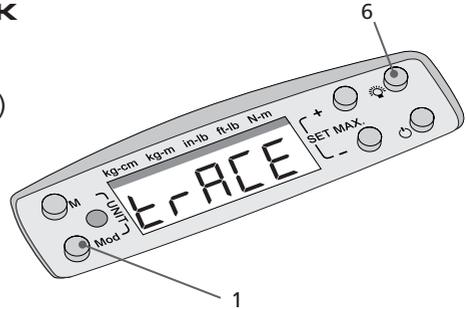
HOW TO REACH TARGET TORQUE VALUE

- 1 Start pulling the handle in a smooth and slow motion.
- 2 When you are approaching 20% before the target you will see a flash of red light and hear an intermittent buzz warning you that you are approaching the torque value.
- 3 When target value is reached, you will see red light and hear a buzz. Stop pulling.

HOW TO SET PEAK OR TRACK

Peak:

- 1 Press and release "Mod" button (1) when the wrench is on.
- 2 The LCD panel shows (PtoP).
- 3 The LCD panel shows 0.0 after 2 seconds.



Track:

- 1 Press and release "Mod" button (1) when the wrench is on.
- 2 The LCD panel shows (trACE) as illustrated in picture above.
- 3 The LCD panel shows 0.0 after 2 seconds.

LCD BACKLIGHT

- 1 On: Press and release the  button (6).
- 2 Off: Press and release the  button one more time.

MEMORY

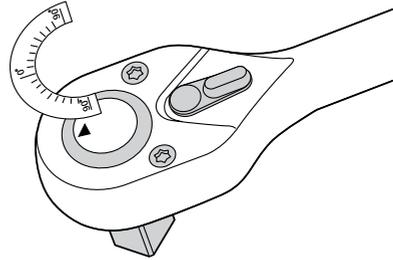
- 1 To display the stored readings, turn on the torque wrench (⏻)
- 2 Press "M" button (1) at least 1 second and release.
- 3 The display show the memory number "P01" then the torque value.
- 4 Press "M" button once more, "P02" and next torque value is shown.
- 5 "P01" is the latest reading, "P50" is the oldest.

TURN OFF

- 1 If you do not use the wrench for 80 seconds the wrench will automatically shut off.
- 2 To manually turn off the wrench press and release the ⏻ button.

ANGLE SCALE

- 1 Make sure the surface is free of dirt or oil before attaching the sticker.
- 2 Turn the square drive until the arrow on the release button is pointing upwards, it is critical that the arrow is pointing exact.
- 3 Attach the sticker as shown in the illustration.



To use the angle scale, point the arrow on 0°. Put the wrench on the nut/ screw and thoroughly register where the handle is located. Turn the wrench to estimated angle, then return the wrench to the starting position. Now the turned angle can be read.

PARTS LIST

For this tool a repair set including all parts in the ratchet mechanism is available:

- KR 2750 for K 2750
- KR 2751 for K 2751
- KR 2752 for K 2751

