

eTORK - Digital Wrench Calibration Instructions



Press the red key on the wrench to power it on, and the wrench screen will flash twice.

Rotate the wrench adjustment knob in CW (clockwise) direction, until the wrench is at 100% capacity of torque range. Use your tester to run 3 times at full capacity.

Lower wrench down to 10% capacity.

With the locking knob out (unlocked), press the red key and green key at same time and hold, after approximately 8 seconds the wrench will enter into calibration mode. The display will show "LOAD".

Press the green key, the display will show "SCAL", torque units and battery capacity.

Press red key to select the desired torque units: Ft.lb, In.lb, Nm and Kg.cm. Press green key to accept.

The display will now show the torque capacity, this should be set to 100.00%. For example, the EC2250 will show "250.00 in lb." (This will most likely not need to be changed) If this needs to be changed, press red key repeatedly to select the capacity of the torque wrench, with the end cap open to decrease 5 or with the end cap locked to increase 5. Press green key to confirm. The display will show "LOAD" again.

Press green key, the display will show mechanical code, (reference only for factory use, no need to save it). Press the green key again to confirm.

Now the display will show the actual value of the 10% test point (25.00) of the set value for CW direction. Test to see what results you receive at this point.

You will then tighten or loosen the adjustment knob until the tester shows that the wrench is at the 10% point.

In the case of the EC2250, that will be 25 in lbs.. Once your tester shows 25 in lbs., press the green key to confirm.

The wrench should now show the 20% test point. (50.00)

Turn the wrench handle about two full clockwise rotations.

Test to see what results you receive at this point. You will then tighten or loosen the adjustment knob until the tester shows that the wrench is at the 20% point.

Once your tester shows 50 in lbs., press the green key to confirm.

The wrench should now show the 60% test point. (150.00)

Turn the wrench handle about six full clockwise rotations.

Test to see what results you receive at this point. You will then tighten or loosen the adjustment knob until the tester shows that the wrench is at the 60% point.

Once your tester shows 150 in lbs., press the green key to confirm.

The wrench should now show the 100% test point. (250.00)

Turn the wrench handle about six full clockwise rotations.

Test to see what results you receive at this point. You will then tighten or loosen the adjustment knob until the tester shows that the wrench is at the 100% point.

Once your tester shows 250 in lbs., press the green key to confirm.

Now the display will show "SIGN", press the green key again, power off, calibration is complete.