

STEPS TO CALIBRATE



GENERAL INDICATIONS

POLAR® Series 7200 wrenches are engineered and produced to fulfill the international standard ISO 6789

This standard:

- fixes the tolerances
- traces the guidelines to perform the calibration

The following instruction simply details the specific actions to achieve the calibration on series 7200.

CALIBRATION

1. Follow the indications required by ISO 6789 before the test.
2. Unscrew the knob and set the reading on the scale at the maximum value (100% of the range) and fix it.
3. Calibration
 - 3.1. Model (1/2")

The calibration of the wrench could be change using a standard 6 mm hexagon key. Put the key through the rear hole in the plastic handle as shown until it reaches the inner calibration screw.
 - 3.2. Model (3/4")

Unlock to lower screw, located in the rear side of the wrench.
Unplug the handle
Remove the adhesive positioned on the left side of the wrench; move the main knob and the scale until hole just opened and the inside exagon screw are aligned. Using an hexagon key unlock just a bit the hexagon screw. Now the main calibration screw is free for calibration.
The calibration of the wrench could be change using the special (very long) 5 mm hexagon key, inserted in the tube till it reaches the inner main calibration screw.
4. According to the reading on the calibration tester, change the calibration of the wrench as follows:
 - If the value on tester is higher than the wrench setting, turn CCW per some degrees the inner screw.
 - If the value on tester is lower than the wrench setting, turn CW per some degrees the inner screw.
5. Once set the wrench at the 100%, verify the calibration at 20% of the scale, and after at 60%.
6. If necessary apply corrections to the calibration in order to achieve the best settings.
7. On 3/4" models after achieving the calibration:
 - 7.1. Fix the main calibration screw, using the hexagon screw throught the hole on the left side of the wrench.
 - 7.2. Put on the adhesive to close the hole
 - 7.3. Insert the handle in the tube (pay attention that the threaded hole of the handle must be aligned to the hole of the tube). Lock with the screw, possibly using a medium threadlocking adhesive.

