

Technical Specifications	
Accuracy	±0.1mm/ ±0.004in
Resolution	0.05mm/ 0.002in
Working Range	Scale:0~80mm(0~3in), Needle:0~50mm(0~2in)
Power Supply	CR2032 3V button cell
Working temperature	32°F to 122°F (0°C to 50°C)
Working Humidity	≤85%

LCD SCREEN ICONS	
ABS	Indicates that the tool is working in absolute mode
INC	Indicates that the tool is working in incremental mode
mm	Indicates that the tool is measuring by Metric System
in	Indicates that the tool is measuring by British Imperial System
in(Flash)	British Imperial measuring with fraction display

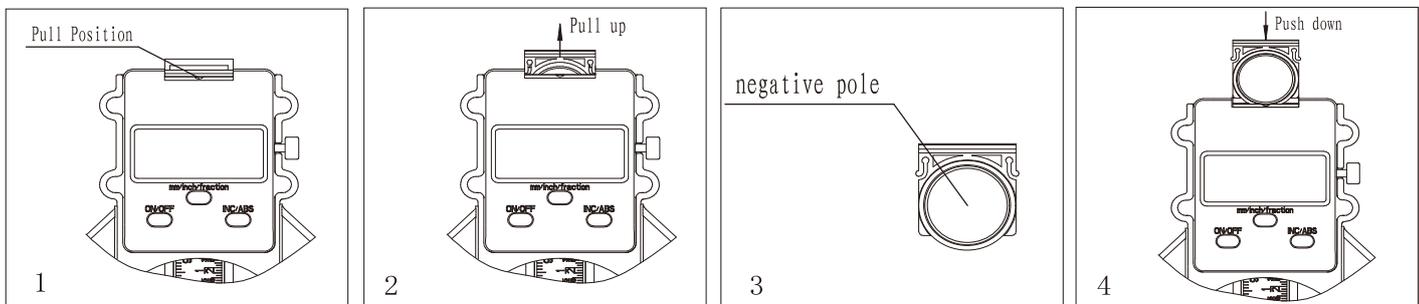
BUTTON FUNCTION

ON/OFF	Short press ON/OFF to turn on. Gauge is in ABS mode-a short press of the ON/OFF button sets ZERO. Long press(over 3 seconds) turns the gauge off. The gauge shuts off automatically after 5 minutes without use.
mm/inch/fraction	Short press in /mm /fraction converts between the three systems. In FRACTION mode, the gauge displays to the nearest 1/32", a flashing "in" on the display indicates the gauge is rounding the measurement off.
INC/ABS	A short press of the INC/ABS button converts between incremental and absolute modes. In absolute mode, you can perform differential measuring between two points without losing the original ZERO position.

LOCKING KNOB

Turning the locking knob clockwise locks the scale, counterclockwise releases it. Please be careful not to over-tighten the knob.

BATTERY INSTALLATION AND REPLACEMENT



To install or replace battery pull the tab on the top of the LCD

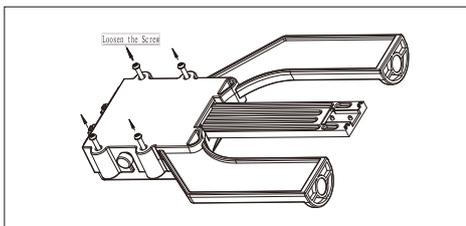
Pull out the battery holder

Remove the old battery. Insert the new battery type CR2032 3V. Pay attention to the polarity of battery.

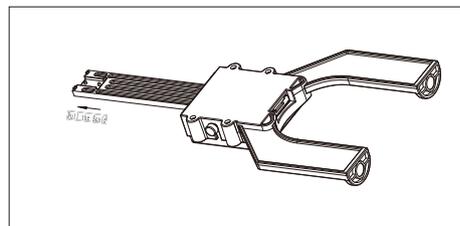
Push the battery holder back in carefully. Do not tilt or twist.

SEPARATING DIGITAL READOUT FROM THE GAUGE BODY

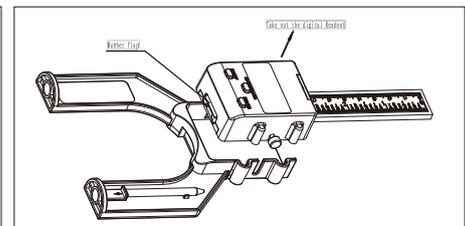
* To re-install, simply reverse the process, please be careful not to bend any of the parts.



Loosen the four mounting screws



Pull the scale to the end



Take out the digital readout

TROUBLE SHOOTING

Problem	Possible Cause	Solution
No display or ambiguous reading	Lower voltage, no battery or incorrect installation of battery	Reinstall battery or replace battery
Flashing number	Low voltage	Replace battery
Number skip or frozen display	Internal error	Remove battery, wait one minute and replace

MAINTENANCE

- (1) Do not clean the gauge with solvents. Instead, use a dry, soft cloth.
- (2) Please do not drop the gauge.
- (3) The gauge can not be installed into high vibration machines.