



Sturtevant Richmond

3203 N. Wolf Road

Franklin Park, IL 60131

Phones: 847/455-8677 800/877-1347 Fax: 847/455-0347

CustomerService@sr torque.com

www.srtorque.com

Operating and Calibration Instructions – PM-36 Preset Torque Screwdriver

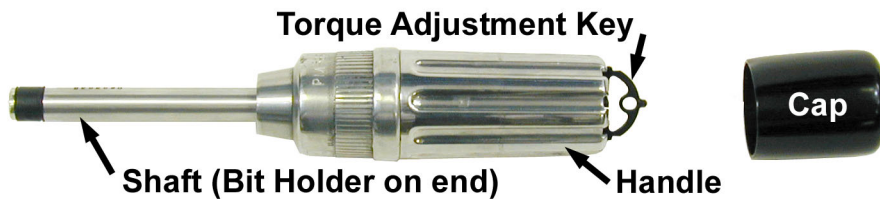
The PM-36 Preset torque screwdriver is designed and manufactured to meet or exceed the ASME B107.14M and ISO 6789 specifications. The accuracy specifications are:

- +/- 6% of indicated value from 20% to 100% of capacity
- +/- 1.2% of full scale below 20% of capacity

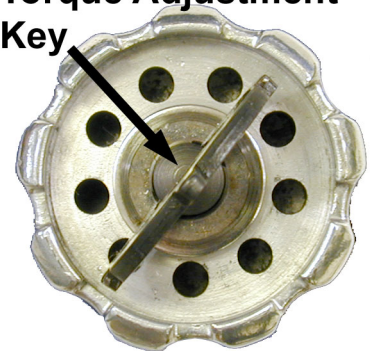
The PM-36 is bi-directional; it can be used in either the CW or CCW direction. The capacity of the tool is from 7 inch-pounds to 36 inch-pounds, or metric equivalent. The torque can be preset within this range using any unit of torque measurement. Unless otherwise specified, the screwdriver is shipped preset to the bottom of the range.

Presetting/Calibration Instructions

Equipment Required: A torque analyzer capable of indicating applied torque with an accuracy of +/- 1% or better within the operating range of the screwdriver.



Torque Adjustment Key



Procedure:

- 1) Remove plastic cap from back of screwdriver.
- 2) Determine torque setting to which the screwdriver is to be set.
- 3) Place screwdriver into test position on torque analyzer.
- 4) Rotate screwdriver and determine torque at which screwdriver “clicks” (audible & tactile impulse emitted). Use at least 3 readings to determine torque.
- 5) Compare current setting to desired setting.
 - a) If adjustment is required, go to next step.
 - b) If adjustment is not required, go to step 7.
- 6) Adjust torque setting.
 - a) Raise torque adjustment key from locked position.
 - b) To raise torque setting, rotate torque adjustment key clockwise.
 - c) To lower torque setting, rotate torque adjustment key counterclockwise.
 - d) Fold torque adjustment key to locked position.
 - e) Return to step 4.
- 7) Replace plastic cap.

Operating Instructions

Insert appropriate bit, socket, or adapter into 1/4" female hex bit holder on end of shaft.
Properly engage (fully engaged with fastener, aligned with fastener axis) fastener with tool.
Rotate screwdriver until "click" is heard and felt.

Care and Cleaning Instructions

When screwdriver is not to be used for an extended period of time, it should be returned to the 20% of capacity torque setting.
Use a clean, damp cloth to clean exterior of screwdriver. Do not immerse in cleaning fluids.

Extensions & Adapters

Only in-line (co-axial) extensions and adapters should be used with your screwdriver.
Only extensions, bits, and adapters of 6" length or less are recommended.

Safety

Safety glasses should be worn when using any hand tool.
Be sure fastener engagement device is fully engaged with fastener before applying torque.
Never exceed tools rated capacity.
Use tool only for job it was intended to do.

Support & Service

Support, service, and certification can be obtained by contacting S/R via phone, fax, or e-mail per the information on the front of this sheet.