

FT-30D Transformer Operation Instructions

(Rev 1.0 7/30/12)

The mini power supply is designed for operating only the Mini BF-Series brushless electric screwdrivers (BF035 and BF045 models).

Power

Securely place the power cord into the back of the FT-30D. The LED light on top of the unit will display "Red" indicating the unit is receiving power.



Connecting Electric Screwdriver

1. Attach power tool cable to the electric torque screwdriver and FT-30D Controller. Make sure the notch in the plug lines up with the notch on the socket. Tighten knurled ground ring.
2. Turn driver on and check for proper rotation. FOR-clockwise, REV-counter clockwise.
3. To apply torque with the electric torque screwdriver, squeeze the lever. The electric torque screwdriver will automatically stop when the preset torque has been reached.

Adjusting Speed Setting

For the BF-Series miniature soft stop BF035 and BF045 models, a program lock key is required. The RPM & soft start settings cannot be adjusted without it.

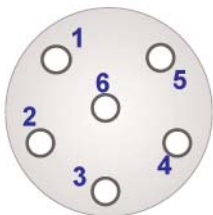
The program lock key protects from incidental or operator tampering of the programmable settings on the side of the BF035 and BF045 models. To adjust the settings the program lock key must be plugged into the FT-30D Mini Transformer.



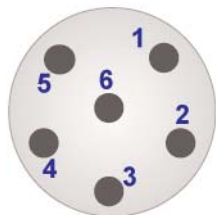
For adjusting the speed setting or soft start setting, please see operation manual for the BF035 and BF045 models.

Program Lock Key
Item # 145774

Output Pin Connection



View of controller



View of cable side

- 1: DC(+)
- 2: Limit (Torque Up)
- 3: Ground
- 4: Start
- 5: DC (-)
- 6: Driver Lock or Remote Start



Note!

Do not connect any other electric screwdriver that's not listed to be used with the transformer. It may cause electric shock, fire, damage to the tools or operator injury.

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Mountz Calibration & Repair Services

Mountz Inc. features an experienced calibration and repair staff. Our trained technicians can calibrate and repair most any tool. Mountz provides rapid service with quality that you can trust as we offer three state-of-the-art calibration lab and repair facilities that can calibrate up to 20,000 lbf.ft.

Mountz, The Torque Tool Specialists®, has been a leader in the torque tool industry for more than 50 years. Engineered in the Silicon Valley and serving the globe, Mountz focuses on delivering high-quality torque products, services, and solutions to ensure customers can always proceed with confidence. We are committed to forging a safer world through precision and accuracy, and by innovating every day.

Tool Service & Repair Capability

- Torque Wrench Calibration: Click Wrench, Dial Torque Wrench, Beam Wrench, Cam-Over & Break-Over Wrench
- Torque Screwdrivers: Dial, Micrometer, Preset & Adjustable
- Torque Analyzers/Sensors: All brands
- Electric Screwdrivers: All brands
- Air Tools: All brands
Impact Wrenches, Drills, Pulse Tools, Grinders, Percussive Tools, Air Screwdrivers, Nutrunners, DC Controlled Nutrunners
- Torque Multipliers: All brands

Mountz Torque Testers and Calibration Equipment

Torque tools go out of calibration with use. Calibrating a torque tool is a fine-tuning process of bringing the tool back within its tolerance. Torque testers can also be used for quick tools tests on the line or in the lab to determine whether torque tools are holding a given setting.

A regular torque tool calibration and re-calibration guarantees the operator repeatable accuracy and adherence to international standards. Torque testing also ensures torque equipment is operating to peak performance and can highlight potential tooling problems before they arise perhaps due to tool wear or broken components.

Controlling torque is essential for companies to ensure their product's quality, safety and reliability isn't compromised. The failure of a three-cent fastener that isn't properly tightened can lead to catastrophic or latent failures. Fasteners that are insufficiently torqued can vibrate loose and excessive torque can strip threaded fasteners. Using a quality torque tool has become increasingly important for many companies to ensure that proper torque is being applied and maintains gauge requirements associated with the ISO 9001 Quality Standard. Look for the Mountz hexagon logo - it's a stamp for quality tools, service and knowledge in the field of torque control.

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