

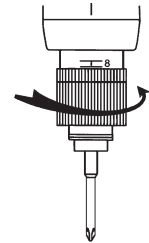


# E-DRIV® E-Series Operating Instructions

(Rev 2.1 4/25/17)

## Operating the Tool

1. Select a bit. Retract the bit collar. Insert the bit and release the retracted collar. To avoid damaging fasteners, make sure the proper bit is suitable for the head of the fastener.
2. Rotate the torque adjustment nut to set the torque limit. Turn clockwise to increase torque and counter clockwise to decrease torque. The scale adjacent to the Torque Adjustment Nut is a reference guide. The torque output from the driver can change depending on various fastening factors like friction, type of joint, and the type material being used like a washer.
3. Make sure the FOR/STOP/REV switch is in the "Stop" position. Plug-in power cord.
4. Turn driver on and check for proper rotation. FOR-clockwise, REV-counter-clockwise.
5. To apply torque, squeeze the lever (Push-to-Start models - place light downward pressure on the nose of the driver). The driver will automatically stop when the preset torque has been reached. Never run the motor continuously for extended periods. Use tool intermittently: (example 5 seconds on and 3.5 seconds off).
6. To remove the screw, turn the FOR/REV switch to REV.



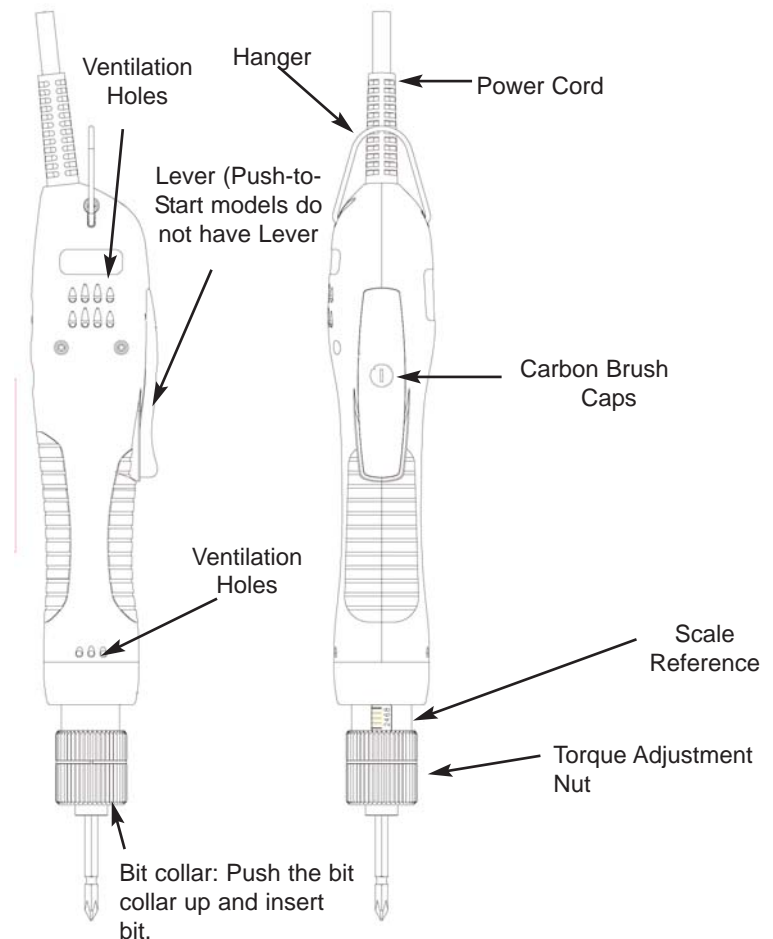
Rotate the torque adjustment nut:  
Clockwise to increase torque  
Counterclockwise to decrease torque

## Testing Power Tools:

1. Application Method: Use a torque tester in "Peak Mode" with a rotary torque sensor between the power tool and the actual application. This is the best way to test since you are using the actual joint as the test station. You will see the actual torque applied to the fastener. **Caution:** Variances in tool performance may occur do to the addition of the rotary torque sensor.
2. Simulated Method: Always use a quality joint rate simulator (run down adapter) with a torque tester when testing power tools in a simulated application. Use Joint rate and Breakaway methods to obtain most accurate torque readings in a simulated rundown.

## CARE

1. The screwdrivers are a precision torque control instrument and should be handled with care at all times.
2. Operate under safe conditions. Do not place in operation where such objects as hair, strings, clothing, etc. can become tangled in the rotating bit.
3. Keep away from moisture. Never use in high humid, moist or damp environment.
4. Never change the direction of the rotation when the tool is in use.
5. Never run the motor continuously for extended periods.
6. Never lubricate electrical parts.
7. Check carbon brushes periodically.
8. Use the tool intermittently (example 5 seconds on & 3.5 seconds off).
9. It is recommended not to use the tool for fastening applications with long rundown times.
10. Never use the power cord for hanging the tool (use hanger for it) and don't carry the tool by the cord.





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## Torque Reference Charts

These charts are meant to be used as guidelines for setting the torque on the E-Series electric screwdrivers. The drivers have a torque scale on the torque adjustment nut showing reference numbers. These numbers determine the approximate torque setting. Refer to the charts to determine the reference number setting for your torque requirement.

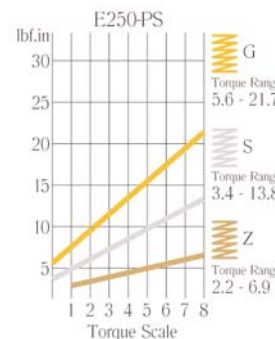
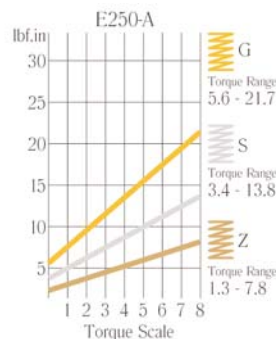
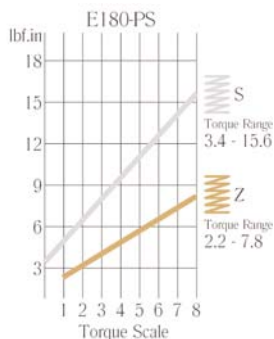
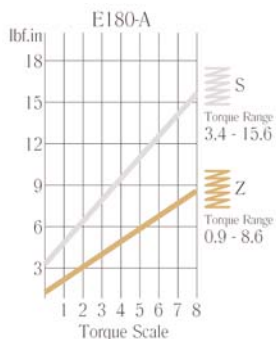
Torque ranges (lbf.in) approximate tightening torque. Figures below each chart indicate scale setting on the tool.

Color of Springs:

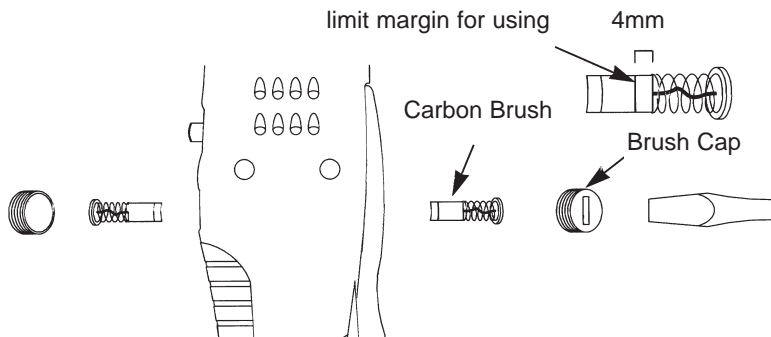
G = Gold

S = Silver

Z = Bronze



## Replacing carbon brush:



1. Disconnect the power cord prior to replacing the carbon brushes.
2. Remove brush caps and replace the worn carbon brushes as needed.
3. Install brush caps and run the tool approximately one minute before use.

## 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 two 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.

## Mountz Service Locations

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