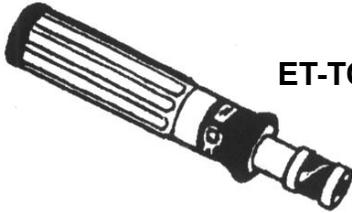
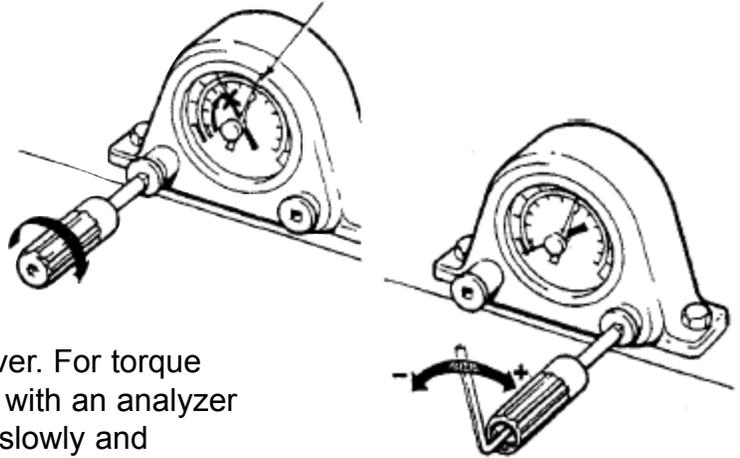


Emulation Technology Torque Screwdriver Operating Instructions



ET-TORQ-7CN



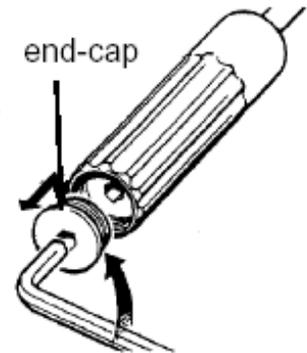
Calibrating Torque Screwdrivers

To calibrate torque screwdrivers either use a torque analyzer or torque transducer within the range of the torque screwdriver. For torque screwdrivers calibrate torque in "Peak" mode with an analyzer or transducer. Make sure to apply the torque slowly and smoothly.

1. Select a torque analyzer or transducer that covers the torque range of the TLS screwdriver. Connect screwdriver to the torque analyzer or transducer using the appropriate adapters as needed.
2. Apply torque clockwise slowly until screwdriver 'slips' and note reading.

Adjusting Torque Setting

1. Remove end cap from screwdriver and insert hex key.
2. Turn hex key clockwise to increase torque and counter clockwise to decrease torque. Do not adjust torque above or below the recommended torque ranges. Tighten end-cap back on.



Applying Torque

1. Insert and screw down each screw without tightening firmly.
2. Perform final tightening of each screw using ET's Torque Screw Driver preset at 7cn per meter or 10oz per inch.
3. Tighten nut or bolt by applying steady twists. Screwdriver should be kept at 90 degrees to axis of bolt during tightening. When pre-set torque is reached, the screwdriver will 'slip.'
4. The screwdriver will automatically reset itself for the next application.

