

## Tool Instruction Digital Torque Wrench

4328552R2

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Tool Number: CTECH3FR250A



0000429404

Figure 1. CTECH3FR250A Digital Torque Wrench Kit


### Purpose


The torque wrench provides the technician with the ability to preset a specific torque value and angle as well as introducing an electronic feature which records and logs the torque and angle applied. This feature allows the technician to download stored data from the wrench to a zip file that can be uploaded / attached to a case file


### Application(s)

Applies to any vehicle / engine for certain repairs requiring critical torque requirements.


## Application(s) (cont.)

 **WARNING:** To prevent personal injury and / or death, read all safety instructions in the “Safety Information” section of the *Service Manual* or *Diagnostic Manual*.

 **WARNING:** To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine OFF, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.




 **WARNING:** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

 **WARNING:** To prevent property damage, personal injury, and / or death, inspect tool for wear / damage prior to use. Replace any worn or damaged components as necessary.

 **WARNING:** To prevent property damage, personal injury, and / or death, It is extremely important to calibrate and use proper torquing methods. Ensure that all fasteners are installed, tightened, and torqued to the proper specifications. Failure to do so may result in a collision or component failure.

## Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000428267</p>	CTECH3FR250A	1	Torque Wrench Kit Includes: <ul style="list-style-type: none"> <li>• CTECH3FR250A Torque Wrench</li> <li>• Certificate of Calibration</li> <li>• Instruction Guide (Printed and Electronic Versions)</li> <li>• 3 AA Batteries</li> <li>• Carrying Case</li> </ul>
 <p>0000000000</p>	DTS03001	1	Micro USB Cable
 <p>0000160075</p>	4328552R2	1	Tool Instruction

## Instructions

**IMPORTANT:** Please reference International® Service Portal<sup>SM</sup> regarding any possible revisions to this document.

**NOTE:** Per ASME B107.300-2010 and ISO6789, calibration interval is recommended after 5,000 cycles or every 12 months, whichever comes first.

**NOTE:** During extended storage periods, remove the batteries from the wrench. If the batteries should need replacement, there is a 20-minute time limit before loss of data (date and time) will take effect.

**NOTE:** Refer to the Torque Wrench Manufacturer's Instruction Guide for specific instruction on torque wrench operation.

1. Power ON torque wrench.

**NOTE:** The date and time must be accurate on the digital torque wrench before use.

2. Ensure date and time settings are accurate.

## Instructions (cont.)

3. Clear previously stored data saved on torque wrench.

**NOTE: Refer to appropriate service manual for detailed instructions regarding extensions, crowfoot, or any other adaptor that could alter the accuracy of the torque wrench. This wrench is equipped with an option to pre-determine calculations / formulas when using extensions / crowfoot / adapter.**

4. Perform service procedure. Refer to appropriate service manual for detailed instruction.

### SNAP-ON TORQUE DATA EXPORT

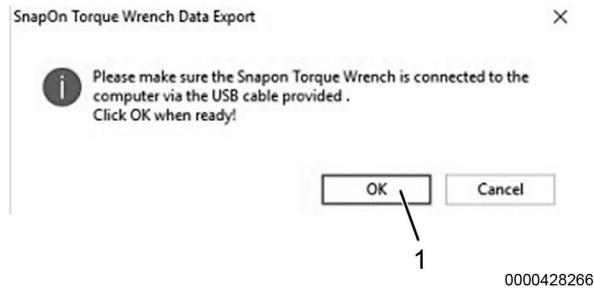
**NOTE: For help regarding your EZ-Tech®, visit the EZ-Tech® and Diagnostic Support page from International Service Portal.**

5. Download Snap-On Torque Data Export software to EZ-Tech® computer.

**NOTE: Ensure USB drivers are installed and ready to use. Do not use any program other than the Snap-On Torque Data Export to format and zip file to laptop.**

6. Using kit supplied USB cord, connect one end to EZ-Tech® computer and one end to torque wrench.

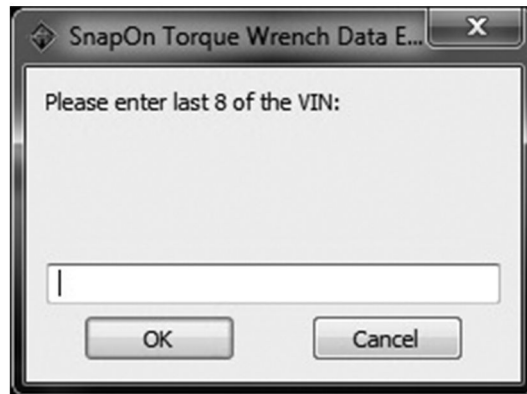
7. Open and run Snap-On Torque Data Export software and follow prompts.



**Figure 2. Snap-On Torque Wrench Data Export**

1. OK button
8. Click OK button (Figure 2, Item 1) after connecting torque wrench to computer.

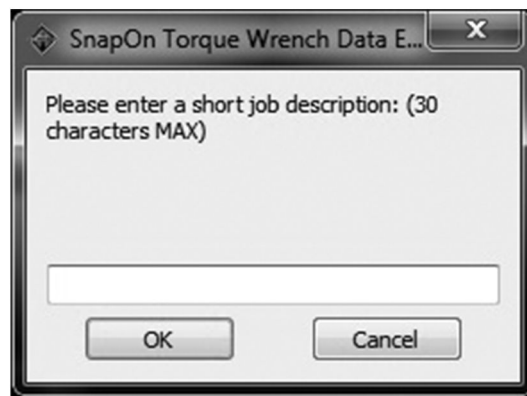
## Instructions (cont.)



0000429402

**Figure 3. VIN Entry**

9. Enter last 8 digits of VIN (Figure 3) and click OK button.



0000429403

**Figure 4. Repair / Job Description**

**NOTE: The file will automatically be zipped and saved to the desktop after you click the OK button.**

10. Enter short description of repair / job (Figure 4) and click OK button.

## Instructions (cont.)

**NOTE: If you are submitting the zipped file for a warranty claim, it is imperative that the file not be changed or altered in any way, as this might cause a denial of the claim.**

11. Attach zipped file to case file for any warranty claims.

### Care and Maintenance

1. If necessary, clean tool of any contaminants.
2. Store torque wrench in appropriate cases, free and clear of debris.

### Service Calibration / Repair Centers

**NOTE: Per ASME B107-300-2010 and ISO6789, calibration interval is recommended after 5,000 cycles or every 12 months, whichever comes first.**

**IMPORTANT: Please contact the nearest Snap-On authorized service calibration repair facility to have your precision measuring tools calibrated and / or repaired:**

Table 2

USA		
East		
Snap-On Eastern Repair Center 6320 Flank Drive Harrisburg, PA 17112	Phone: 717-652-7914 Fax: 717-652-7123	Email: easternrepairinquiries@snapon.com
North		
Snap-On Northern Repair Center 3011 East Route 176 Crystal Lake, IL 60014	Phone: 815-479-6850 Fax: 815-479-6857	Email: northernrepairinquiries@snapon.com
West		
Snap-On Western Repair Center 3602 Challenger Way Carson City, NV 89706	Phone: 775-883-8585 Fax: 775-883-8590	Email: Linda.L.Boone@snapon.com

## Instructions (cont.)

**Table 3**

<b>Canada</b>
Snap-On - Canada 7403 48 St. SE Calgary, AB T2C 4H6 Canada
Phone: 866-824-0524
English: canadacustomer@snapon.com
Francais: canadaservicealacientele@snapon.com

### Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKnow Case File.
- Phone: 800-365-0088 (toll free).