Torque Tightening Verification Systems

Specialty Torque Wrench Systems

- Avoid Missed Tightening by Counting Number of Fasteners
- Capture Actual Applied Torque Data
VERIFICATION SYSTEMS:
TORQUE WRENCH WITH SIGNAL OUTPUT FOR TIGHTENING COMPLETION COUNTING

**LS**
LIMIT SWITCH TORQUE WRENCHES
Confirmation of “click” through contact relay. Corded version.

- Type: Corded
- Options: WF6215, Female Connector, CNA-4MK2 Count Checker
- A wide variety of torque wrench types available.

**FH**
2.4GHZ RF TORQUE WRENCHES
Confirmation of “click” through FM frequency transmission to receiver box.

- Answerback light confirms reception to receiver and battery power
- Type: Radio Frequency, Wireless
- System Components: R-FH256 Receiver and SB-FH256 Setting Box
- Options: Color Grips
- A wide variety of torque wrench types available: CSP type for best delivery

**FH**
R-FH256 RECEIVER
Receives signal from FH wrenches

- Capable for receiving multiple wrenches** (Consult with Tohnichi for optimal set up)
- Type: Radio Frequency, Wireless
- System Components: FH wrenches, SB-FH256 Setting Box
- Options: I/O Box

**FH ACCESSORY**
SB-FH256, SETTING BOX
Wirelessly set up the channel, wrench ID, and receiver mode options for communication with wireless wrench and receiver box.

- For setting R-FH256, R-FHD256, FH, FHDS

**FH ACCESSORY**
I/O-FH256, I/O BOX
Fits onto R-FH256 Receiver box through RS232 port. Easily identifies which wrench is generating signal as it is captured by the receiver.

- (Up to 4 wrenches)
- Note: Not for use with R-FHD256

**LS AND FH ACCESSORY**
CNA-4MK2, COUNT CHECKER
In lieu of a PLC system, this unit tracks number of “click” and prompts user to select correct tool and work set up. Various buzzers and lights alert user to assure all bolts are fastened in a process.

- For use with LS, and/or with R-FH256 Receiver

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Your Torque Partner
TOHNICHI
**VERIFICATION SYSTEMS:**

**TORQUE WRENCH WITH SIGNAL AND APPLIED TORQUE DATA**

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**CSPD WITH CD5**

**CABLED VERSION WITH DATA THROUGH SEPARATE DISPLAY UNIT**

Corded version of “click” wrench with count verification and actual applied torque data. System calibrated together with CD5 Display.

Type: Cabled

Available Versions: CSP Preset or AC, Airtork

System sold calibrated together: tool and display

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**FHDS**

**2.4GHZ RF TORQUE WRENCHES WITH TORQUE DATA TRANSFER**

Wireless “click” wrench captures actual applied torque and sends to receiver box.

Robust casing and confirmation that applied torque met allowable torque range via lights

Type: Radio Frequency, Wireless

System Components: R-FHD256, Receiver and SB-FH256 Setting Box

Options: Color Grips and Rubber Protective Cover

Only Available in CSP style wrenches

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**ACFHDS**

**AIRTORK WITH TORQUE DATA TRANSFER**

Semi-automatic runs torque part way with final applied torque by hand

FHDS transmitter mounted on wrench allows for final applied torque data to be transferred

Type: Radio Frequency, Wireless

System Components: R-FH256 Receiver and SB-FH256 Setting Box

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**R-FHD256**

**RECEIVER BOX WITH TORQUE DATA CAPTURE**

FHD version of receiver box shows applied torque data

Features RS232 and PLC output connection ports

Type: Radio Frequency, Wireless

System Components: R-FH256 Receiver and SB-FH256 Setting Box

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**FHDS ACCESSORY**

**SB-FH256, SETTING BOX**

Wirelessly set up the channel, wrench ID, and receiver mode options for communication with wireless wrench and receiver box

Required for FHD System to set torque value. Note: Also requires Torque Wrench Tester, Adjusting Key, and Cable.

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**SOFTWARE**

FHDS systems come with set up software to confirm preset torque value and basic data information.

Customized Software available upon request.

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**WRENCH TYPE SELECTION:**

- **QL** Adjustable with Ratchet Head
- **QL** Adjustable with Interchangeable Head
- **QSP** Preset with Ratchet head
- ***CSP** Preset with Interchangeable Heads

*CSP version recommended and stocked in USA

FHDS wrenches available only in CSP style wrenches

**COMPLIMENTARY PRODUCTS**

LC3-G, Line Checker

Confirm torque value setting of torque wrenches prior to use. Manage tool accuracy and function for higher product quality in manufacturing.

- **LC1000N**
- **LC200N**

**OPTION:**

Color Grips for CSP & QSP wrenches

Available on new tools or as spare parts

7 colors available plus basic black

Purple, Blue, Green, Orange, Yellow, Gray, and Red (not shown)

**FOR REPAIR/CONVERSION**

- **T-FH256MC Module for Repair**
- **T-FH256MC-LS Module for LS to FH conversion**

(Note: LS conversion not for use with Airtork)

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