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# SERVICE INFORMATION LETTER

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SERVICE INFORMATION LETTER NO. T-055

Revision 1

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DATE:                    April 4, 2013

1. SUBJECT:            T-0192-1 Calibration Reference Bar

2. MODEL:             480, 480B

3. EFFECTIVITY:    All

4. BACKGROUND:

Belt tension tool T-0139 previously required a yearly calibration, which entailed sending the tool to Enstrom for calibration. Enstrom has designed a calibration bar, T-0192-1, to function as a calibration device in lieu of sending the belt tension tool to Enstrom for calibration.

This Service Information Letter (SIL) is intended to make operators aware that the belt tension tool and calibration bar set is available and to provide instructions for use.

5. COMPLIANCE:

Unless a belt tension tool has the accompanying calibration bar, send belt tension tool T-0139 to Enstrom for the annual calibration. The return shipment of a belt tension tool receiving calibration at Enstrom will include a calibration bar.

Verify calibration of the belt tension tool with calibration bar T-0192-1 prior to every check or adjustment of the belt tension.

6. INSTRUCTIONS:

A. Verify that the serial number on T-0192-1 calibration bar matches the serial number on the T-0139 belt tension tool.

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B. Verify the calibration of the T-0139 belt tension tool in accordance with the instructions included with the T-0192-1 calibration bar.

- 1) If the belt tension tool is in calibration, it is ready for use.
- 2) If the belt tension tool is not within calibration limits, return the belt tension tool and calibration bar to Enstrom for calibration.

**NOTE:** The calibration bar must be returned with the belt tension tool.

7. PARTS: N/A
8. SPECIAL TOOLS OR EQUIPMENT: T-0192-1
9. MAN-HOURS: N/A
10. WARRANTY: N/A
11. WEIGHT CHANGE: N/A
12. LOG BOOK ENTRY: N/A
13. REPETITIVE INSPECTIONS: N/A

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THE TENSION GAUGE IS IN CALIBRATION IF THE POINTER LINES UP WITHIN THE DIAMETER OF THE DOT.


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## USING THE T-0192-1 CALIBRATION BAR

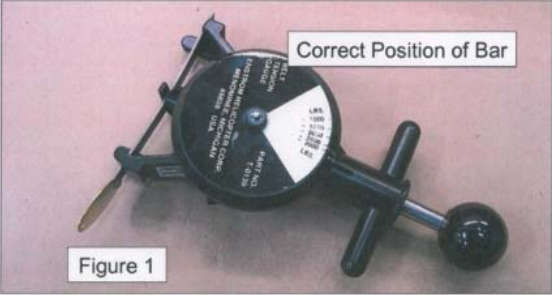


Closed




Opened

UNIQUE SERIAL NUMBER MATCHES YOUR TENSION GAUGE TOOL SERIAL NUMBER.



Correct Position of Bar

Figure 1



Bar Must Be Flush

Figure 2

**USE OF THE T-0192-1 CALIBRATION BAR**

A Calibration Bar is supplied with each gauge. This provides an immediate means of checking the accuracy of the gauge while in use. The calibration bar has been carefully checked to read the load marked (Double Dots) on the gauge dial. The identification tab also carries the serial number of the gauge for which that particular calibration bar is provided. To check calibration proceed as follows:

1. Place the bar in instrument with the identification tab facing the user and centered in the instrument. See figure 1 for correct positioning of the bar.
2. **CAUTION:** The test bar shall be placed flush against the riser faces ( see figure 2) such that the faces of the risers are parallel with the test bar.
3. Slowly release the actuating handle, allowing the jaws to grip the calibration bar. Note the location of the two dots on the dial.

**Figure 1. T-0192-1 Calibration Bar Instructions**