



# SONARtrac® Technical Bulletin

Subject: Installation of Sensor Bands

TB004 | Rev: 02

Priority: 5

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## Background:

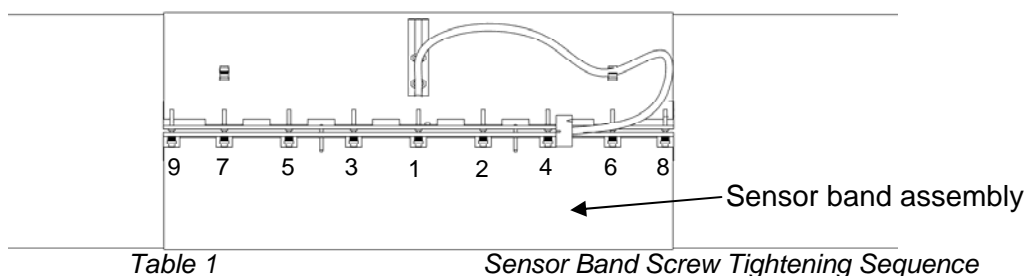
Technical Bulletin 004 was released on November 1, 2004 calling for additional tightening of the sensor screws. Since that time we have learned that we may be over-tightening the small size sensor bands (sizes 2 inch through 6 inch).

Therefore, the recommended sensor band installation is as follows:

## Revised Sensor Installation Procedure:

For sensor band sizes 2 inch through 6 inch:

1. Install and tighten the sensor band screws in accordance with the procedure given in the Installation Manual. That is, tighten the screws a few turns at a time per the tightening sequence shown in Figure 1. Use the sensor band spacer tool to set the compression on the Bellville washers.



2. Starting at screw #1 in Figure 1, tighten screws #1 - #7 an additional one-half turn in the given numbered sequence. Do not tighten screws # 8 and 9.

For sensor band sizes 8 inch and larger:


1. Install and tighten the sensor band screws in accordance with the procedure given in the Installation Manual. That is, tighten the screws a few turns at a time per the tightening sequence shown in Figure 1. Use the sensor band spacer tool to set the compression on the Bellville washers.
2. Starting at screw #1 in Figure 1, tighten each screw one-half turn in the given numbered sequence.
3. Once all nine screws have been tightened, tighten each screw an additional one-half turn in the given numbered sequence.

Priority Code:			
1	Safety issue or system will not function	2	Intermittent problem causing system crash
3	Erratic data/readings	4	Added product feature
5	Product enhancement		

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4. Once all nine screws have been tightened a second time, tighten screws #1-7 an additional one-half turn in the given numbered sequence.

This change applies to new installations only. Contact Technical Support at CiDRA Corporation if there are any questions.

**Note:** If at any time the screws seem to be binding, do not continue to tighten the screw. Remove the screw that is binding and replace with a new screw.


This change will be incorporated into the next manual release.

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### Document Change History

Date	Revision	Changed By	PCO #	Description of Change
11/5/04	01	R. Markoja	P04-0108	Initial Release
3/11/05	02	R. Markoja	P05-0014	Add different tightening for sizes 2" to 6"

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