

TB-97300 / August 16, 2017

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## Argus Radar SRT Control PCB Changes

<b>Product:</b>	000-10674-001
<b>Product Description:</b>	SRT Control PCB
<b>Software Version:</b>	N/A
<b>Effective Date:</b>	1 August 2017
<b>Inspect/Update Current Inventory:</b>	No

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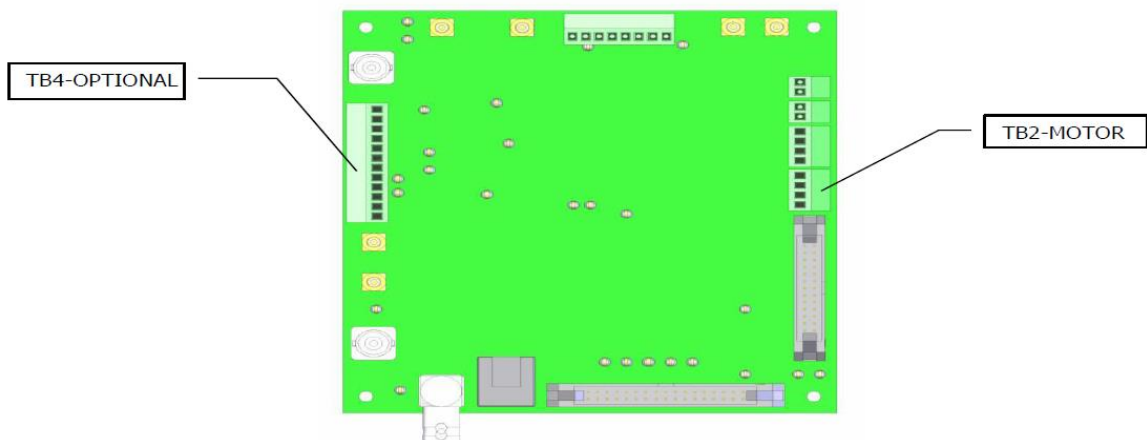
Due to changes made to the Argus Radar SRT Control PCB -- when installing 973281A2 in place of 973281A1 -- there are some changes to the wiring on the board. This document details the changes.

### Differences between SRT Control PCB 973281A1 & 973281A2

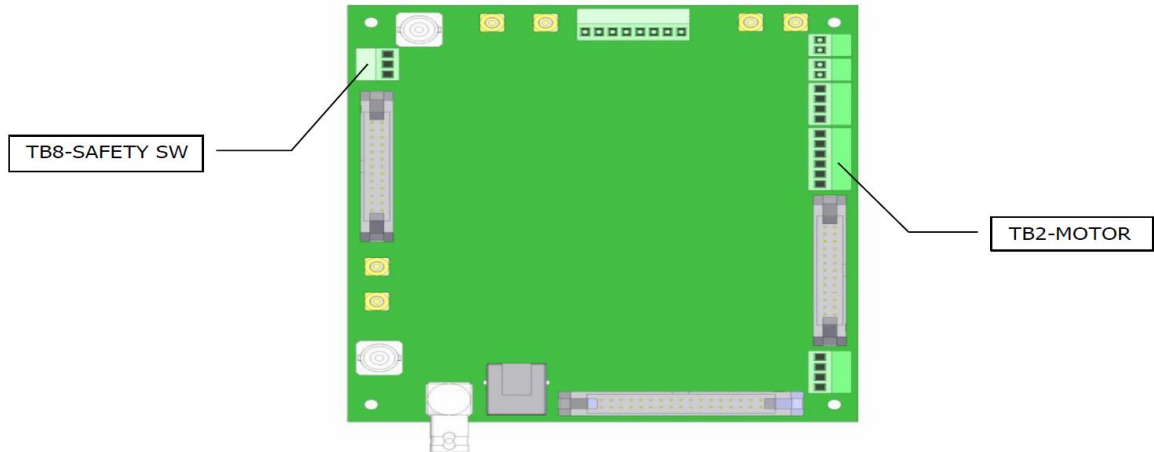
There are changes in both the layout and type of terminal blocks and connectors. In particular, the differences in case of replacement are as follows.

1. Removal of the TB4 terminal block
2. Introduction of the TB8 terminal block
3. Change of TB2 terminal block from 4 to 6 pins

- 973281A1 SRT CONTROL

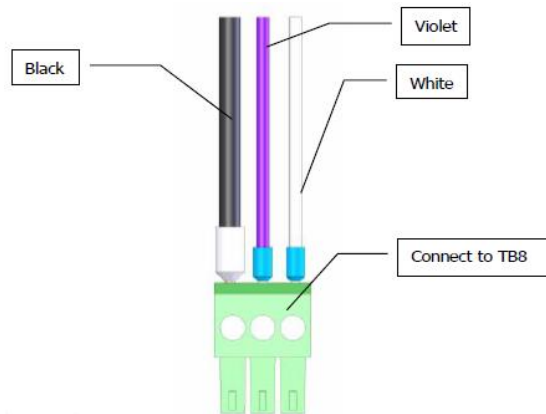


- 973281A2 SRT CONTROL

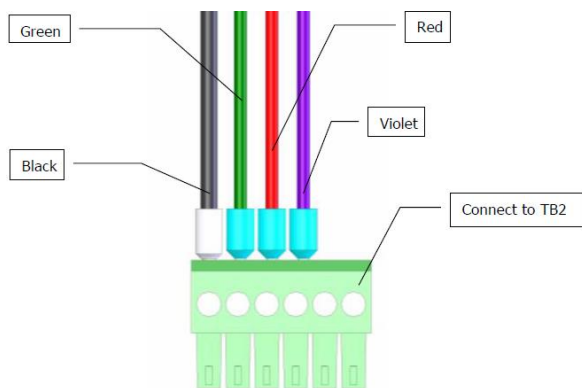


## Replacement Procedure

1. Remove the SRT Control board 973281A1, following the procedure described in the “Corrective Maintenance” chapter of the Argus Radar Scanner CE Technical User Manual. Fit the replacement 973281A2 board in its place. Once fitted, you must make the following wiring changes.
2. Remove the black, violet and white wires from the 12-pin terminal block connected to TB4 in the A1 board, and connect to the 3-pin terminal block that connects to TB8 on the A2 board as shown below. Insert connector into TB8.



3. Remove the black green, red and violet wires from the 4-pin terminal block connected to TB2 in the A1 board, and connect to the 6-pin terminal block that connects to TB2 on the A2 board as shown below. Insert connector into TB2.



4. Fit the remaining wires to their respective connectors on the new board. There is no need to change the terminal blocks, as they are the same.

### Final comparison - TB4 to TB8

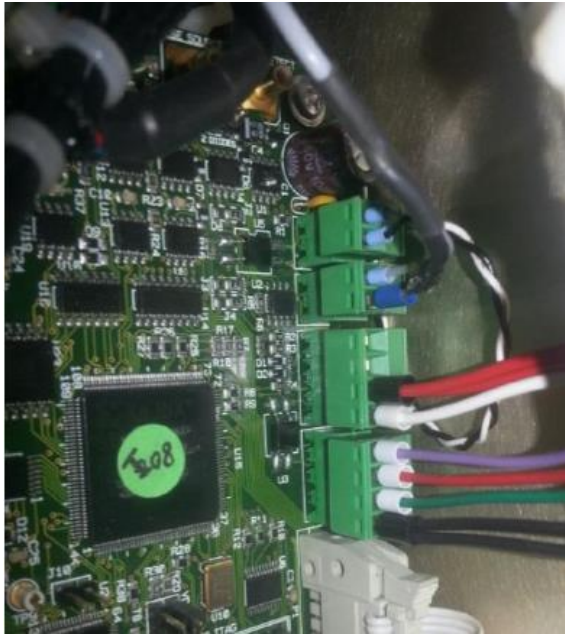


**TB4 SRT Control A1**



**TB8 SRT Control A2**

## Final Comparison - Old TB2 to new TB2



**TB2 SRT Control A1**

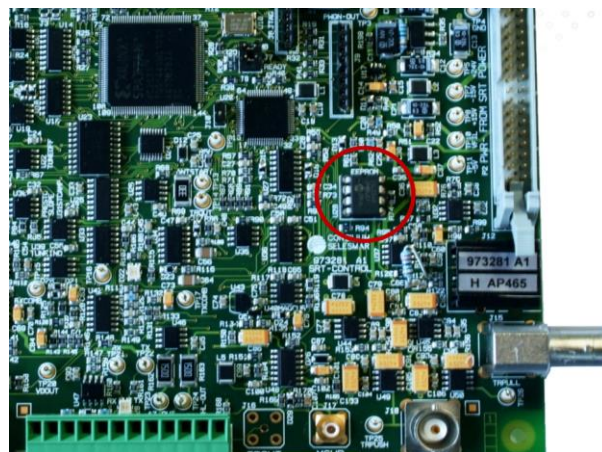


**TB2 SRT Control A2**

## Transferring configuration

You can swap the configuration of the radar, including magnetron hours and total hours, by swapping the memory EEPROM from the old SRT Control A1 board to the new SRT Control A2 board.

1. Locate the EEPROM on the SRT Control A1 board as shown below.



2. Remove the metal shield cover from the center of the SRT Control A2 board and locate the EEPROM.



3. Remove the EEPROM from the A2 board and fit the EEPROM from the old A1 board. Replace metal shield over the EEPROM on the new A2 board.

Close and secure the SRT as described in the “Corrective Maintenance” chapter of the Argus Radar Scanner CE Technical User Manual and test the radar to ensure correct operation.

This completes the change from the 973281A1 to the 973281A2 SRT Control board.

**For More Information:**

Order Support: (800) 324-4737 x4702

Technical support: (918) 438-8668

You may also send any inquiries via email to the addresses listed below, according to your sales-group classification:

- [orders@navico.com](mailto:orders@navico.com)
- [cmd.service@navico.com](mailto:cmd.service@navico.com)