



Command Systems Division
Product Support Department
815 Broad Hollow Road
Farmingdale, NY 11735

SERVICE BULLETIN

(Equipment Previously Supplied By Honeywell)

Service Bulletin SB-T-04-1400C-0001

RDR-1400C WEATHER RADAR SYSTEM

**IN-2025B Radar Indicator
P/N 4001670-2511 thru -2520
Unit Mod 11**

Reason for Change:

PRODUCT IMPROVEMENT TO IMPROVE GROUNDING
AND ENHANCE WIRING STABILITY

Summary: This change is to be retrofit upon failure and repair of the IN-2025B indicator.



PART 1, PLANNING

1. Effectivity

Telephonics recommends that all failed IN-2025B indicators be upgraded .

2. Reason

This change improves the unit grounding and provides additional cabling integrity.

3. Description

- A change in clamp size is made on the Rear Connector Module
- Grounding is optimized by selection of new grounding point

4. Compliance

This is a suggested change implemented only upon unit failure. The new component is added after the unit has been repaired per procedures in the referenced Technical Manual.

5. Approval Statement

This service bulletin contains no modification information that revises the approved configuration and therefore does not require governmental or other regulatory agency approval.

6. Manpower

One (1) hour of labor including testing are estimated to incorporate this modification.

7. Weight and Balance

None.

8. Electrical Load Data

Not Changed.

9. Software

N/A

10. References

4001670-2511 thru -2520 IN-2025B Indicator

11. Affected Publications

006-05956-0009 RDR-1400C System Maintenance Manual

12. Warranty

One (1) hour of labor will be allowed for units in warranty.



PART 2, MATERIAL INFORMATION

All parts necessary to upgrade an IN-2025B indicator according to this service bulletin are listed below:

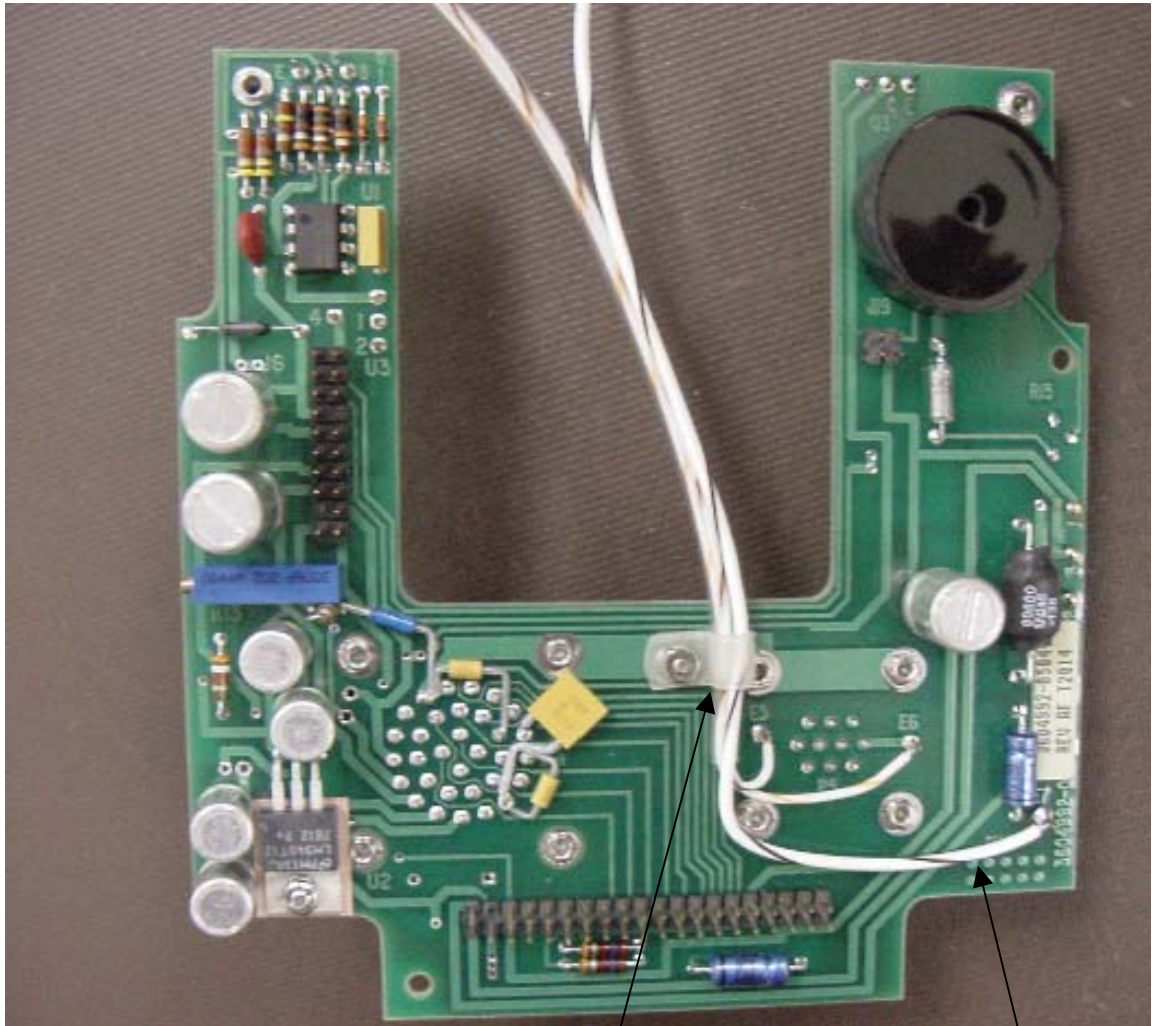
Part Number	Qty	Description
33033-0003	1	Du-Clamp, Cable 1/8-2
32002-002D	1	Solder Lug, Int. Tooth
N/A	1	Rear Connector CCA Rev. AL Label

Contact Telephonics for current material pricing. Please reference this Service Bulletin and PCN numbers 379-0497, 379-0499 and 379-0527.

☛ NOTE: We suggest that you assess the Accomplishment Instructions below to determine if your organization can easily perform this modification. Telephonics can assist you by accomplishing the modification for you or by suggesting an authorized service center close to your facility. Please let us know how we can be of service.

PART 3, ACCOMPLISHMENT INSTRUCTIONS

- 1) Disassemble the IN-2025B according to the referenced maintenance manual procedures, to remove the Rear Panel Assembly.
- 2) Remove the Rear Connector CCA p/n 3604992-0504.
- 3) Refer to Figure 1. Remove White/Black wire from Rear Connector CCA and attach Solder lug p/n 32002-002D to the wire.
- 4) Remove clamp from Rear Connector CCA. Remove only the White/Black wire from clamp.
- 5) Replace clamp with new clamp p/n 33033-0003 that holds the other two wires.
- 6) Remove and replace existing Rear Connector CCA rev label with new label.
- 7) Refer to Figures 2 and 3. Attach White/Black wire to HVPS screw using existing screw.



2. Remove and Replace Clamp

1. Remove Wht/Blk Wire

Figure 1. Rear Panel CCA

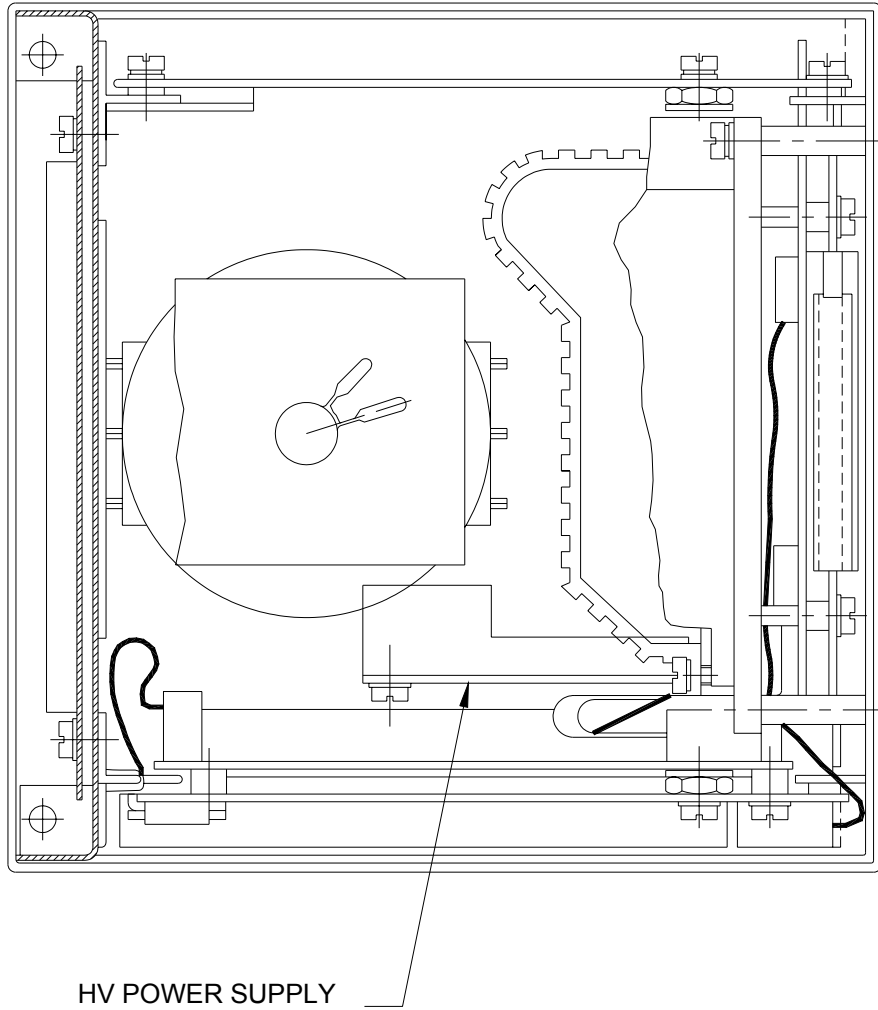


Figure 2. Indicator Rear View

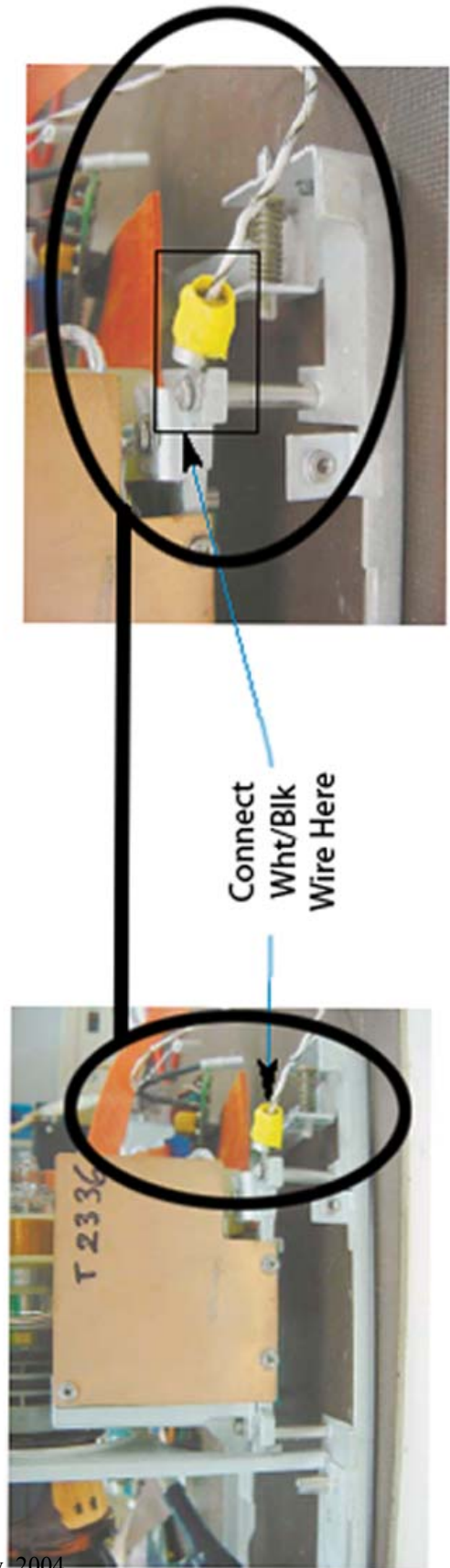


Figure 3. Connection to High Voltage Power Supply



Command Systems Division
Product Support Department
815 Broad Hollow Road
Farmingdale, NY 11735

- 8) Reassemble the unit according to the instructions in the Assembly Section, of the appropriate referenced Maintenance Manual.
- 9) Perform a complete functional test of the unit in accordance with the Testing and Troubleshooting section of the Maintenance Manual.

10) IDENTIFICATION PROCEDURE

Place a dot of red paint on the Modification Plate on the IN-2025B indicator Unit to indicate that Mod 11 for p/n 4001670-2520 has been accomplished.

For additional information contact:

Telephonics Corporation
Command Systems Division
Product Support Group
815 Broad Hollow Road
Attention: Mr. Kenneth Bernstein – Mail Stop 14
Farmingdale, NY 11735
Phone: 631-755-7081
1-877-577-2327
Fax: 1-631-755-7227
1-631-755-7701
e-mail: bernstein@telephonics.com