



Command Systems Division
Product Support Department
815 Broadhollow Road
Farmingdale, New York 11735
USA

SERVICE BULLETIN

REVISION 4 To Service Bulletin SB-T-01-1300/1400-001

RDR-1300B/1400B WEATHER RADAR SYSTEM

RT-1301B/1401B RECEIVER-TRANSMITTERS

RT-1301B P/N 4000966

-0101 to -0104	Unit Mod 6
-0106 to -0111	Unit Mod 6

Serial Numbers T2000 to T2299

RT-1401B P/N 4000831

-0101 to -0104	Unit Mod 10
-0105 to -0106	Unit Mod 11
-0112 to -0113	Unit Mod 10

Serial Numbers T2000 to T2049

MODULATOR ASSEMBLY P/N 4007720-0501 to -0502 Sub-assy Mod 8

PFN CAPACITOR AND TRIGGER TRANSFORMER REPLACEMENT

REASON FOR CHANGE:

An improved Trigger Transformer (Part Number 1734-001 with a date code of 200338 or higher) is required for this modification.

When performing Service Bulletin SB-T-01-1300/1400-001 Rev 3 in the event of failure to modulator pulse forming network components, the parts supplied will contain the new transformer.

Issue Date: September 2001
Revision 1: March 2002
Revision 2: March 2003
Revision 3: March 2004
Revision 4: December 2004

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MATERIAL INFORMATION

The parts required for this modification are shown in the following table:

Telephonics Part Number	Description	Qty
109-10384-0001	Capacitor, Ceramic, .02 uf \pm 5% 1 kv, leaded C4005	1
109-10384-0002	Capacitor Ceramic, .03 uf \pm 5% 1 kv, lead C4006, C4007, C4011	3
51007-0152	Integrated Circuit U20, MH0026CN	1
17374-0001 (Date code 200338 or higher)	Transformer, T1 and T2	2

To order the required parts, for current part pricing, or for additional information - please contact:

Telephonics Corporation
815 Broad Hollow Road
Farmingdale, NY 11735
Attn: Product Support Department

Tel: 1-877-517-2327
1-631-755-7004

Fax: 1-877-755-7701
1-631-755-7227

Orders must specify part numbers, quantity required and reference this Service Bulletin and PCN 379-0550.

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IDENTIFICATION

If you are modifying an RT-1301B, apply a dot of red paint to cover mod 6 of the Unit modification decal. If you are modifying an RT-1401B, apply a dot of red paint to cover mod 10 or mod 11 of the Unit modification decal (as shown on page 1).

In addition, apply a dot of red paint to cover mod 8 of the Modulator Assembly modification decal.

For additional information contact:

Telephonics Corporation
Command Systems Division
Product Support Group
815 Broad Hollow Road
Attention: Mr. Kenneth Bernstein – Mail Stop 40
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

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