

TECHNICAL BULLETIN

Yaesu U.S.A. - Amateur Products Division - Technical Support

File No.:	TB-9606A (1 of 3)	Date:	May 31, 1996
Model:	FT-1000MP	Serial No. Range:	All problem units.

Problem:	Antenna won't tune on 15 meter band.
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Expected Results of Modification:	Improve Circuit.
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Component Value Changes: Main Unit.			
Part Location No.	From	To	New Part No.
RF UNIT			
L1086	L0021833A	L0021221	
L1087	L0022217	L0021222	

Added/Deleted Component : Main Unit			
Part Location	Device Type	Added/Deleted	New Part Number

Procedure	
See below.	(NOTE: You will need stick on copper tape for this modification)

1. Remove top & bottom covers.
2. Remove the 2 screws from the left side of radio holding PA Unit and the 2 screws securing the PA Unit on the right side.
3. Remove 2 screws securing the fan in place to allow removal of PA Unit.
4. Lift out the PA Unit and lay over to the right side. Do not put too much strain on the cables and wiring harnesses.
5. You now have access to the RF Unit. Toward the front/left of the RF Unit you will see the BPF UNIT (large shielded enclosure with cover) and in front of that you will see the a smaller shielded enclosure with no cover.
6. Solder a piece of copper braid between the BPF UNIT and the small enclosure as shown in the pictorial.
7. Following the pictorial, You will add stick on copper tape to the bottom of the PA UNIT where the spring contacts (2 of them) on the RF UNIT come in contact with the bottom of the PA UNIT. (Spring contact on small enclosure does not need copper tape).
8. Following the pictorial, add a stick on piece of copper tape to the left side of the PA UNIT to improve the bond to chassis ground.
9. Following the pictorial, use cable ties to tie the 2 cables by the small shielded enclosure and dress them to the side of the enclosure.
10. Remove L1086 & L1087 and replace with part numbers listed above.
11. Reassemble radio and test for correct operation.

MODIFICATION COMPLETE

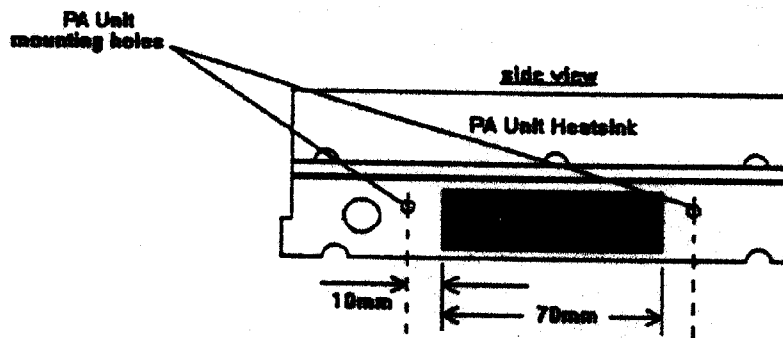
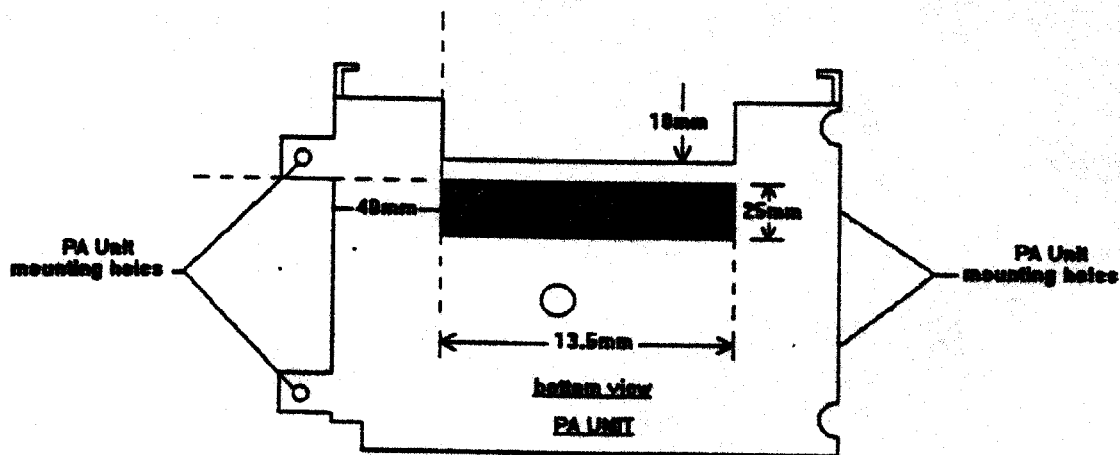
YAESU U.S.A., 17210 Edwards Road, Cerritos CA 90703 (310) 404-2700 Fax (310) 404-4828

J.D.

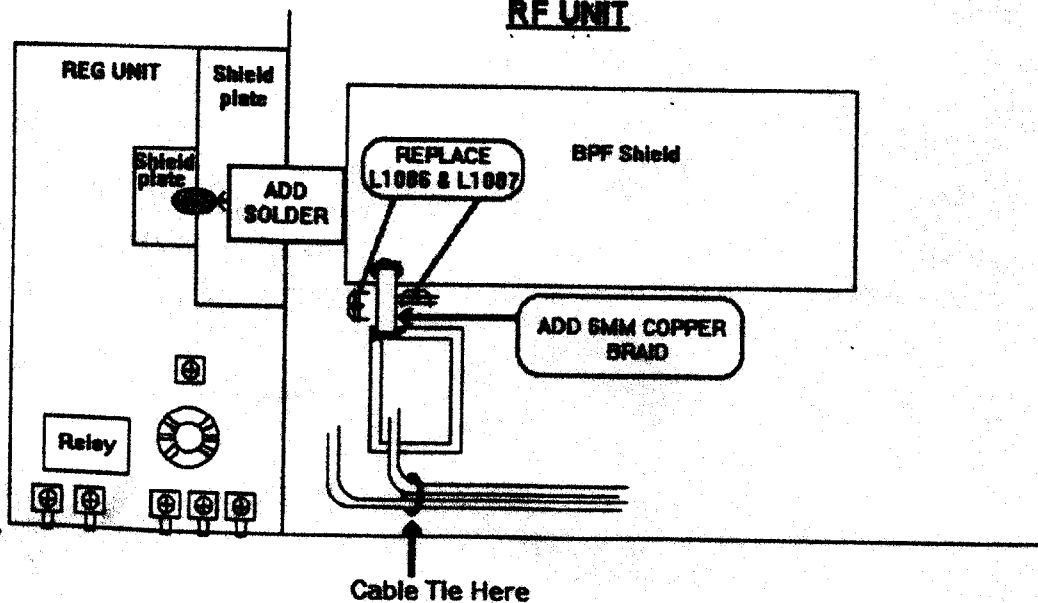
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RF UNIT

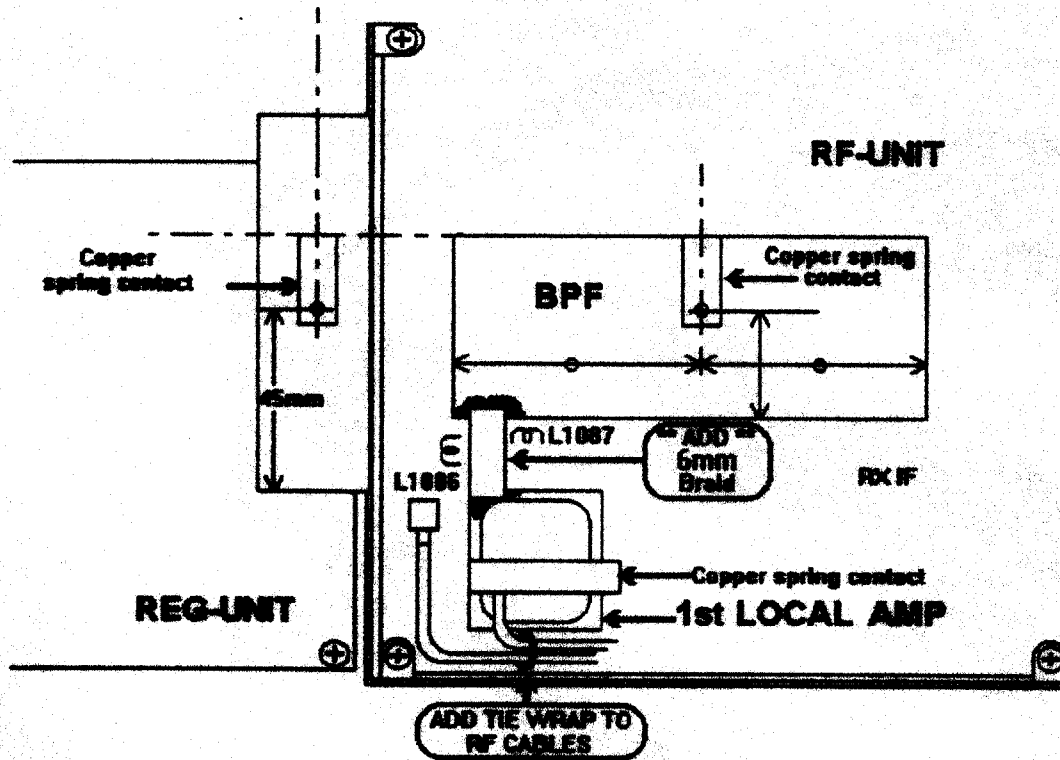


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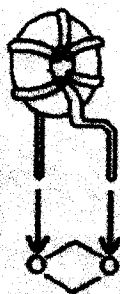
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RF-UNIT/REG-UNIT



NEW COIL MOUNTING DETAIL

L1086 - L1087



BEND LEADS STRAIGHT DOWN
AND AT RIGHT ANGLES