

Technical Bulletin

No: 501 – Head RF Amplifier Shielding

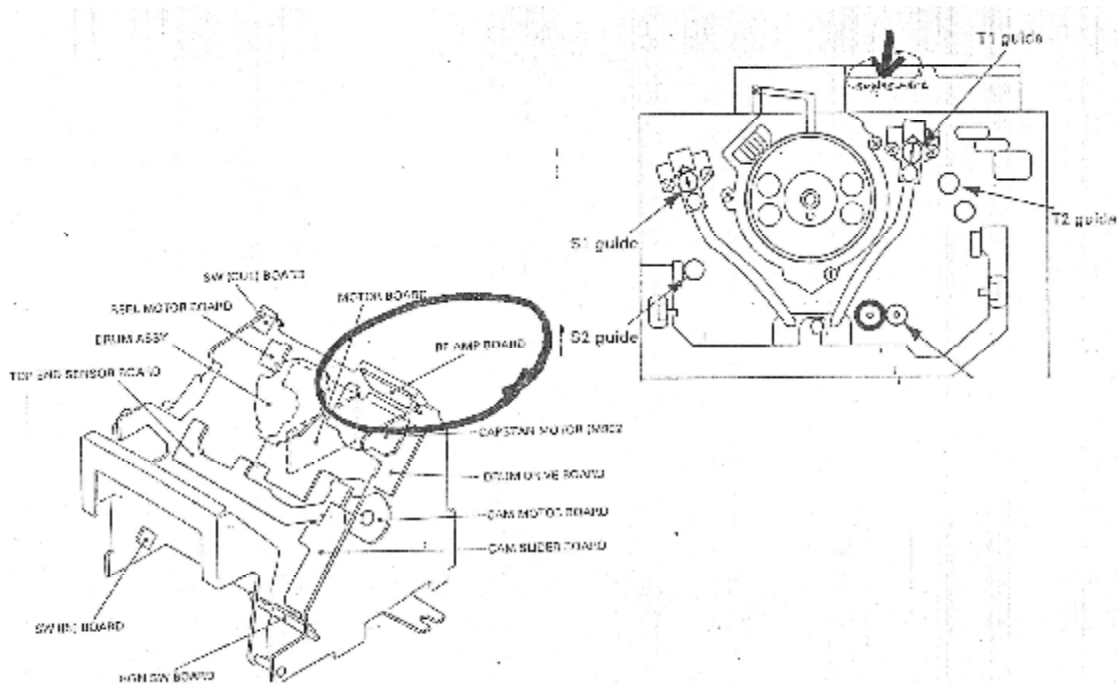
Reference Units Shipped After 5/1/1993

A poor mechanical connection between the head amplifier housing and the chassis that supports it can result in poor shielding of this amplifier. Symptoms of this problem include:

1. Unit sporadically rewinds from pause
2. Unit goes into play rather than pause on cue up
3. High error rates
4. Problems on tape threading

To fix this problem in the field, use a soldering iron (60 watts or more) to apply a bead of solder between the metal head housing and the chassis in the area shown on the diagram below. Insure a good solder flow between the metal parts.

This area is easily located and accessible just to the right of the head assembly by removing the lid of the DAT machine.



601 Heron Drive
Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
<http://www.radiosystems.com>