

SERVICE NOTES

Golden Eagle Mark IV Transmitter

SYMPTOM:

Excessive arcing of the high voltage contacts of the relay.

Solution:

Remove CD601 (1N4005 diode), presently connected with its cathode to the junction of R317, and R319 and its anode to ground.

Reconnect the cathode to the junction of R316 (1.5K labeled R327 on the board), and the orange and pink wires that go to the mode switch and relay. Connect the anode to ground. This will shunt to ground a negative pulse that can exceed the voltage rating of the contact.

For factory parts contact:

Nichols Electronics
School Street
Tilton, NH 03276
603 286-4421

D104 AND D104M6 ASTATIC MIKE MODIFICATION

To increase modulation and voice quality, clip the 250pf capacitor located on the back of the crystal cartridge.

