

**Field Service  
TECH TIP  
NEWS****RI-0012**

TECH TIP NUMBER

**04-27-01**

DATE

**IM-5006**

PRODUCT

**TICKING NOISE CORRECTION**

SUBJECT

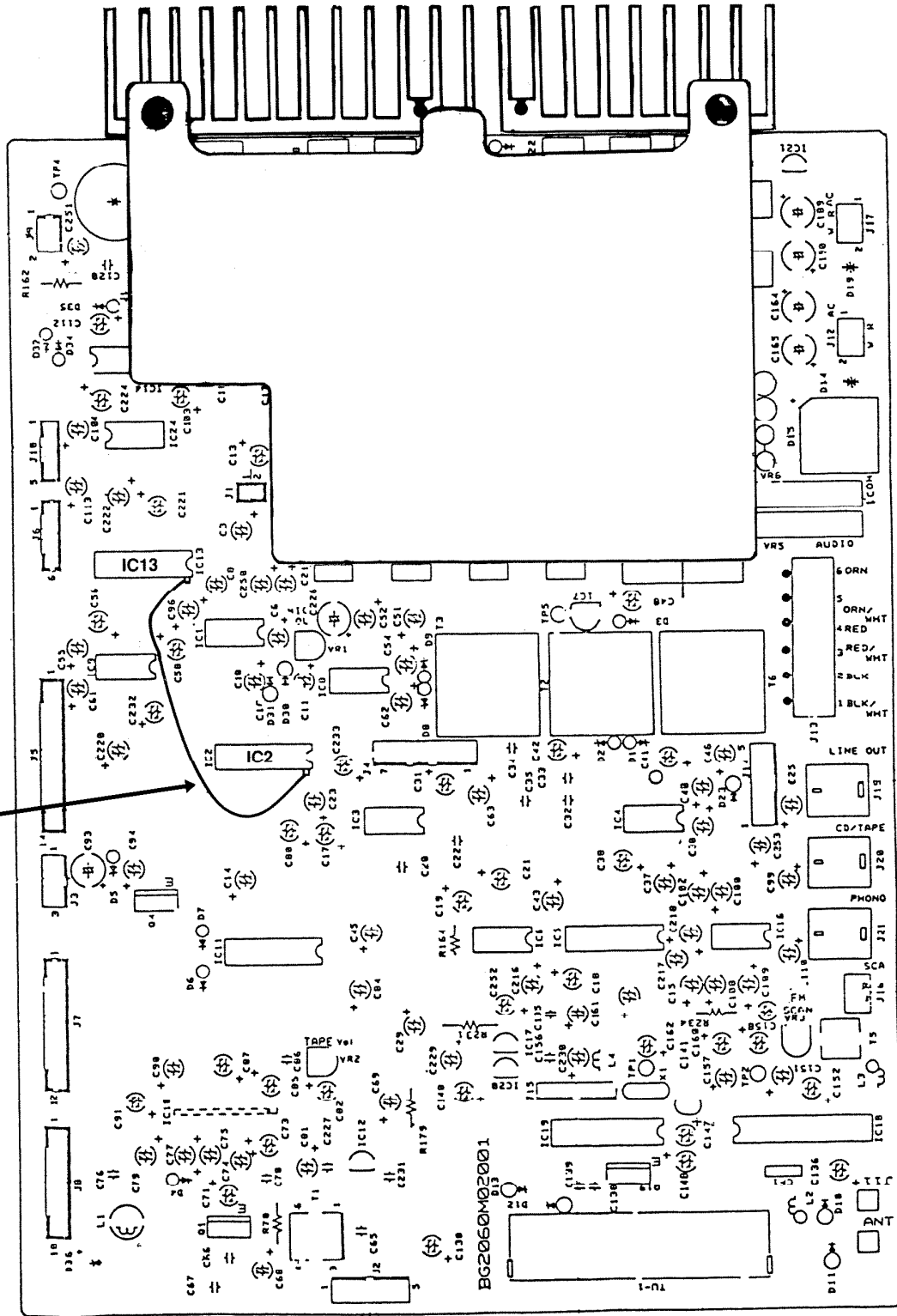
**PURPOSE:** In several instances there have been reports of a ticking sound coming from the master station. The tick is at one second intervals. This modification will correct this rare occurrence.

**TOOLS REQUIRED:** Phillips screw driver, soldering iron (small tip), solder and needle nose pliers.

**COMPONENTS REQUIRED:** 5 inch length of 22 AWG wire.

**PROCEDURE:**

1. Disconnect main power from system by turning off main breaker or disconnect low voltage AC supply wires from transformers.
2. Locate Main PCB on right side of master station.
3. Locate IC2 and IC13 on main PCB (Figure 1).
4. Apply a small amount of solder to the tip of the soldering iron. Then touch the tip to Pin 14 of IC2. Allow the solder to flow from the iron's tip onto Pin 14. Repeat for Pin 14 of IC13.
5. Cut a 5 inch piece of 22 AGW wire and strip each end back about 1/4 inch.
6. Using needle nose pliers, hold the wire next to Pin 14 of IC2 and reflow the solder on Pin 14. Make sure no solder bridges or shorts have been formed to any other pins. Repeat for Pin 14 of IC13.



CONNECT WIRE  
 BETWEEN  
 PIN 14, IC2 AND  
 PIN 14, IC13

MAIN PC BOARD