SYSTEM/MODEL: LEF

MODIFICATION: Reducing RF interference

DIFFICULTY LEVEL: 4 - Moderate/hard - Internal connection or component addition.

COMPONENTS REQUIRED:

1. Choke coil: 180 µH inductance.

2. Capacitors:
   0.01 µfd, 25V
   0.02 µfd, 25V

3. AC plug adapter: 3 prong to 2 prong type.

INSTR/OPERATIONS:

1. Install the 3 prong to 2 prong adapter on PS-12C power supply.

2. Install choke coil and capacitors as shown on schematic diagram.

3. Cut the circuit where illustrated on the schematic diagram.

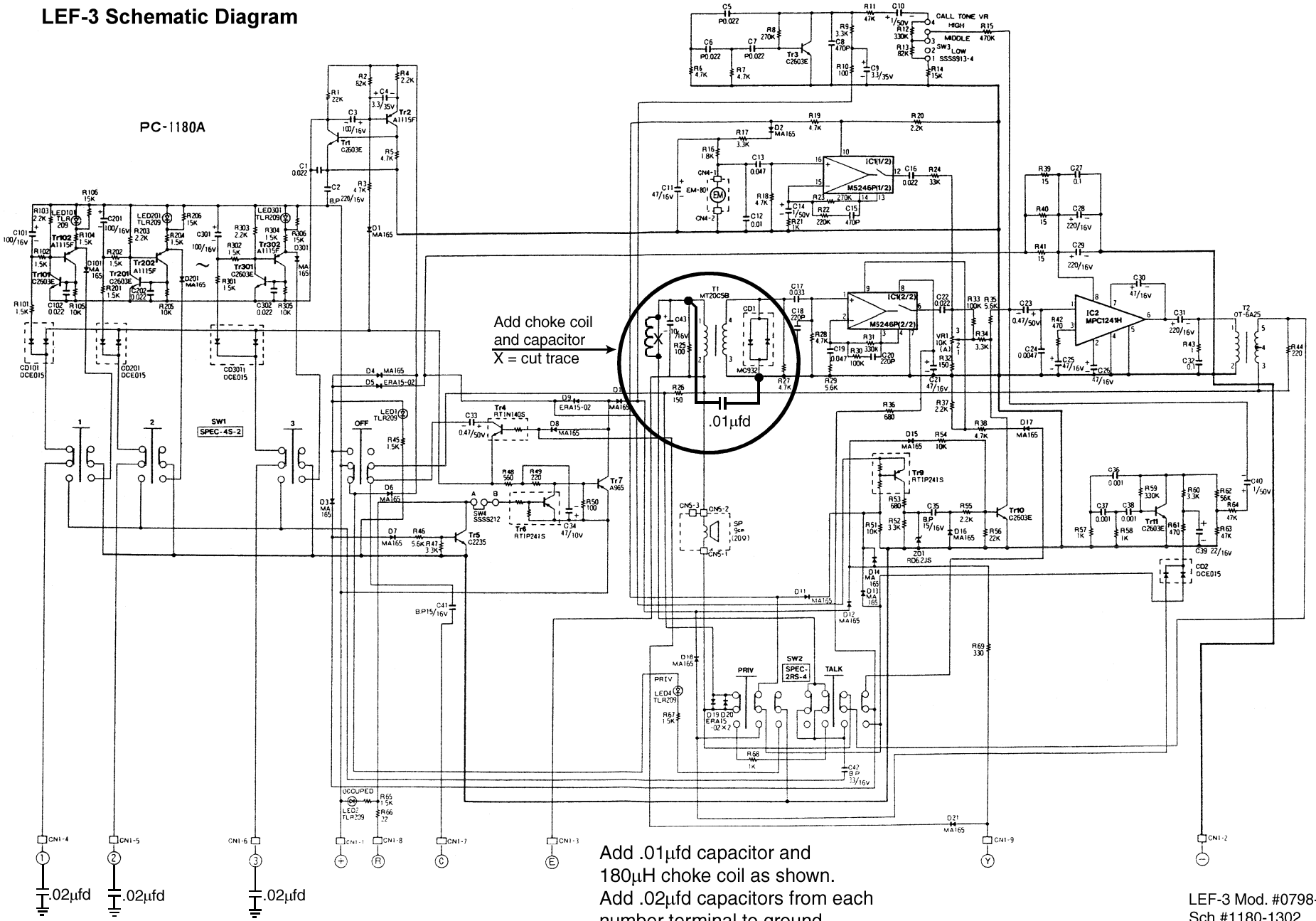
4. If the RF interference is not reduced to an acceptable level, shielded cable will need to be installed to further reduce the interference. Depending on the severity of the interference, the above suggestions may or may not eliminate the interference.

REFERENCE DRAWING #: 0998-1302, 1180/82-1302

Aiphone's product warranty applies to products properly modified using these instructions. However, if a unit is damaged as a result of improper modification, the warranty does not apply.

REDUCING RADIO FREQUENCY INTERFERENCE (RFI) on LEF-3

LEF-3 Schematic Diagram

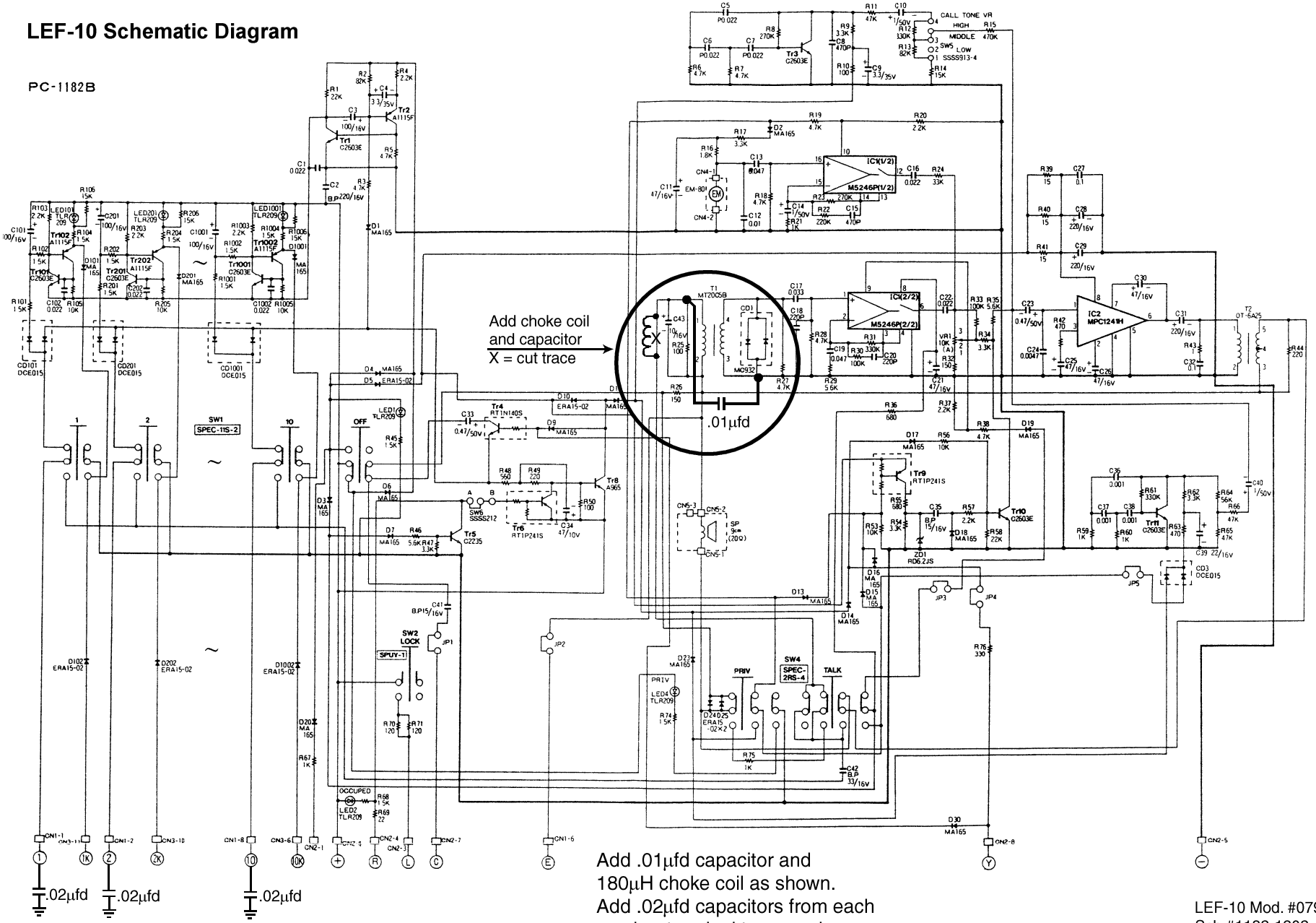


Add .01µfd capacitor and
180µH choke coil as shown.
Add .02µfd capacitors from each
number terminal to ground.

LEF-3 Mod. #0798-1302
Sch #1180-1302

REDUCING RADIO FREQUENCY INTERFERENCE (RFI) on LEF-5/10/10S

LEF-10 Schematic Diagram



Add .01µfd capacitor and
180µH choke coil as shown.
Add .02µfd capacitors from each
number terminal to ground.

LEF-10 Mod. #0798-1302
Sch #1182-1302