K3 KIT ASSEMBLY MANUAL ERRATA

Rev. C-2, November 20, 2007

MAKE THESE CORRECTIONS TO YOUR MANUAL BEFORE YOU BEGIN ASSEMBLY.

1. **Page 9, add this CAUTION to the page:**

⚠ DO NOT ADJUST THE TURNS ON ANY OF THE TOROIDS!

The position of the turns on many toroids has been adjusted at the factory to produce exactly the inductance needed for the circuit to work properly. Any attempt to adjust their position to make the coil look "nicer" may seriously degrade the circuit performance.

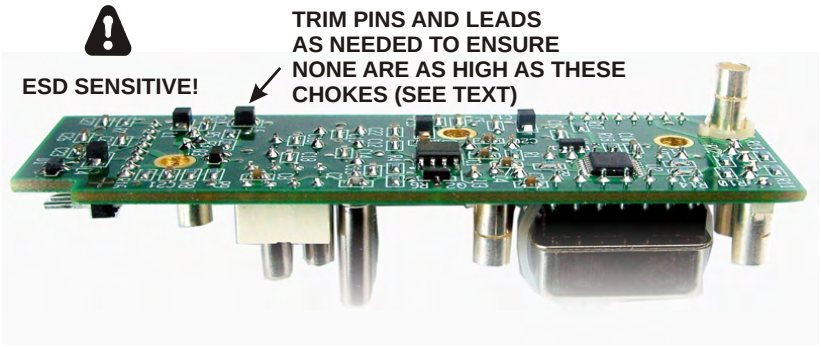
Also, do not attempt to fix the turns or the toroids in place using adhesives or other materials! Experience has shown that the toroids are secure even when subjected to significant vibration over time, such when the radio is installed in trucks or aircraft. Putting anything on the toroid will alter its inductance, again degrading the circuit performance.

2. **Page 41, add this step immediately following after Figure 57:**

☐ Inspect the bottom of the KREF3 to ensure no leads are higher than the chokes as shown below. The chokes are the highest of the black surface-mount components on the board. Use your diagonal cutters to trim any excessively long leads close to the board.

⚠ CAUTION

The objective is to be certain no bare leads touch the front panel shield when the board is installed in the next step. Do not add spacers or insulating material between the board and the front panel shield. It is important for proper shielding of the circuits that the board sit very close to the shield.

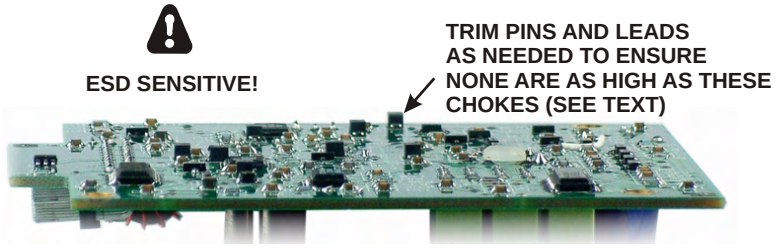


3. **Page 42, add this step directly under the heading *KSYN3 Installation Procedure*:**

☐ Inspect the bottom of the KSYN3 board to ensure no leads are higher than the chokes as shown below. The chokes are the highest of the black surface-mount components on the board. Use your diagonal cutters to trim any excessively long leads close to the board.

⚠ *CAUTION*

The objective is to be certain no bare leads touch the front panel shield when the board is installed in the next step. Do not add spacers or insulating material between the board and the front panel shield. It is important for proper shielding of the circuits that the board sit very close to the shield.



4. **Page 58, first step, delete the comma after "the".**
5. **Page 58, after the first step, add the following:**

Reference Oscillator Calibration

☐ Turn to *Calibration Procedures, Reference Oscillator* in your Owner's manual and perform either of the reference oscillator calibration procedures found there. One of the procedures uses an on-air signal and does not require any external test equipment.

6. **Page 58: Delete the paragraph "Reference Oscillator Calibration (Optional)"**. This procedure is not optional. It must be done to ensure the reference oscillator is close enough to the right frequency for the K3 to operate properly.