

RFX75 Troubleshooting and General Installation Tips Rev.1.0

1. Not all radios are the same! Due to the overwhelming number of modifications that may have been done to the radio you are working on, it is highly recommended that your initial installation attempts are on stock radios. This will help to familiarize you with the RFX75 installation and reduce the chance of first installation problems. There are many radio modifications out there that could the performance of this product, and may lead to overheating and radio damage! All work should be performed by a qualified technician with the proper equipment needed to install the RFX75 and re-tune the radio's TX and RX sections after installation!
2. On some radios you may have to tune the first RX coil quite far from its original setting to obtain good sensitivity. A lot of radios will need the tuning slug in the first stage "bottomed out" for best results. This is normal due to the change in where the RX is being tapped-off the new low pass filter.
3. If the unit fails to put out full power, or any power, check all connections and coax cables. Verify that no wires or coax cables are broken or installed in the wrong place. Make sure that the RX OUT coax and the RF IN coax have not been accidentally reversed during installation.
4. If the unit has a short when plugged in you should first check that the positive and negative power wires are connected properly. Next, check for any wire that may be pinched between the heatsink and the chassis of the radio. Also check that the screws that hold the ERF2030 and the ERF7530 are not shorting-out on the tab of the transistors.

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