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How to install the Powerband RFX75  
on Cobra 148 (new models) series radios.

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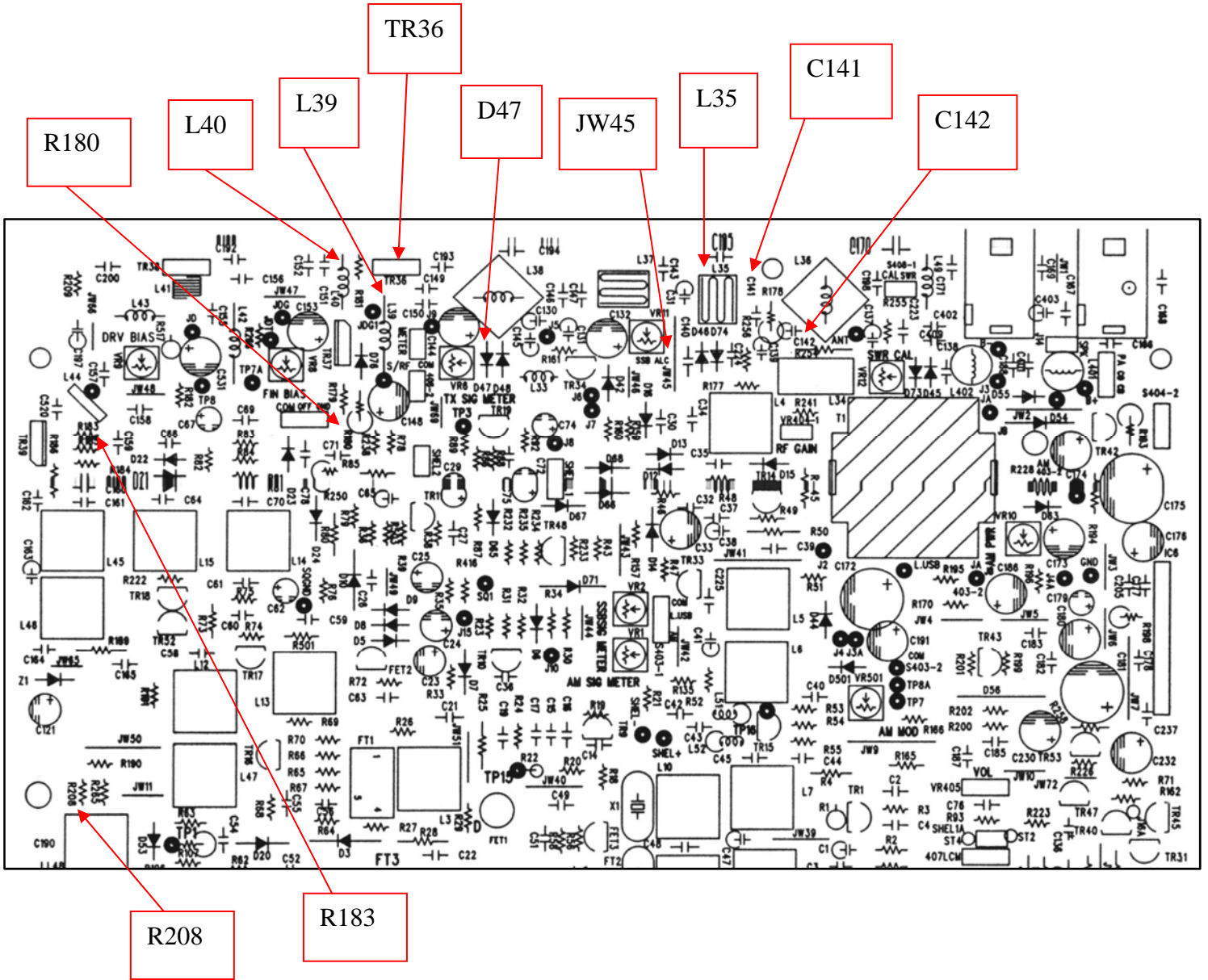
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## RFX75 - Cobra 148 Installation (New Model 148 with 4 Pin Microphone Jack)

This is a preliminary installation sheet. SSB transmit audio is NOT perfect with this installation procedure. If you are only concerned with operation on AM, then this installation should be acceptable.

1. Remove D47, TR36 (final transistor), L35, L40, C141, C142, and JW45 from the radio's PCB.
2. Change R183 to a 6.8 ohm resistor. R183 is located near the 2SC2314 driver.
3. Install a jumper wire at R208. R208 is located near the transmit mixer.
4. Drill holes and mount the RFX75 on the back of the radio per RFX75 instructions.
5. Solder the Red and Black wires to the back of the DC power jack (observe polarity!).
6. Solder the Yellow wire to the hole of D47 that is closest to the front panel of the radio.
7. Solder the Orange wire to the hole of L39 that is closest to the front panel of the radio.
8. Solder the Blue wire to the hole of R180 that is closest to the front panel of the radio.
9. Solder the RF OUT coax center conductor to the right hole of L35 – this is the hole that is closest to the external speaker jack. Solder the coax shield to the chassis ground (C141 rear hole).
10. Solder the RF IN coax center conductor to the hole of L40 that is closest to the rear panel of the radio. Solder the coax shield to DC ground.
11. Solder the RX OUT coax center conductor to the hole of JW45 that is closest to the front panel of the radio. Solder the coax shield to DC ground.
12. After double checking all connections re-tune the transmit and receive. Do not set carrier higher than 15 watts!

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