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How to install the SX-175 PowerCabinet  
on Galaxy 939, 949, 959 radios

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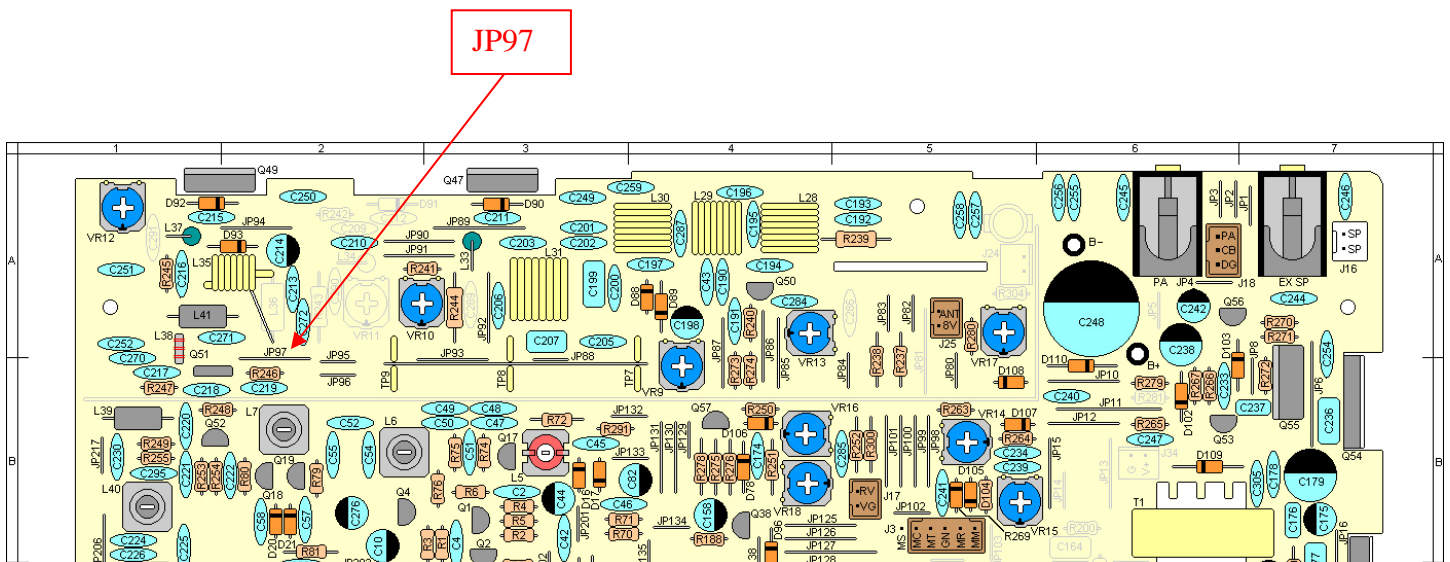
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## SX-175 Installation on the Galaxy 939, 949, 959 and Ranger 396, 696, 966 Radios

1. Unsolder and remove the wire going from the antenna connector to the circuit board.
2. Replace the radio's stock DC power jack with the supplied SX-175 power cord pig tail, and reconnect the radio's internal power wires.
3. Solder the red and black wires from the SX-175 to the pig tail wires. Make sure to heat shrink the connections!
4. Solder the center conductor from the coax marked "A" to the antenna connector center conductor. Solder the shield to chassis ground.
5. Solder the center conductor of the remaining coax to the hole where the antenna wire was removed from the PCB. Solder the shield of the coax to chassis ground.
6. Solder the 20 gauge red wire to JP97 (8 volt TX line). Do not remove JP97!
7. After double checking all connections, reset AM carrier (make sure front panel power control is full clockwise) to 40 watts.
8. NOTE: The SWR meter will only function properly if there is a switch installed in series with the 20 gauge red wire, and only when the switch is off. Adding this switch will also allow you to bypass the SX-175 and run the radio at its original output power.



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