

40 Watt, High Power Mod. for Cobra 29, Uniden 76, and Uniden 78 Radios

Parts List for Mod.:

1pc EKL Components' EN-1230

1pc EKL Components' ERF-2030

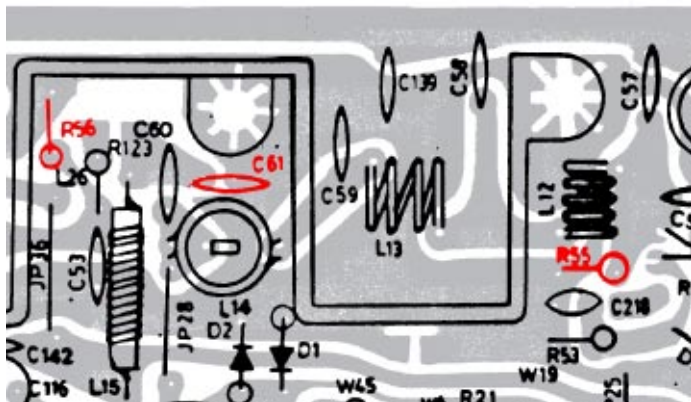
*1pc 68pF Ceramic Capacitor

*Mica or Ceramic Insulator

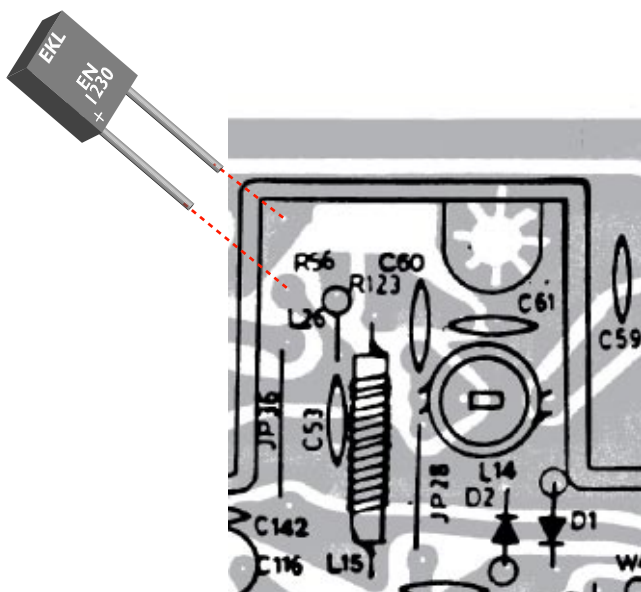
*Heatsink Compound

*These parts may not be needed. See instructions.

1) Remove R55, R56, C61

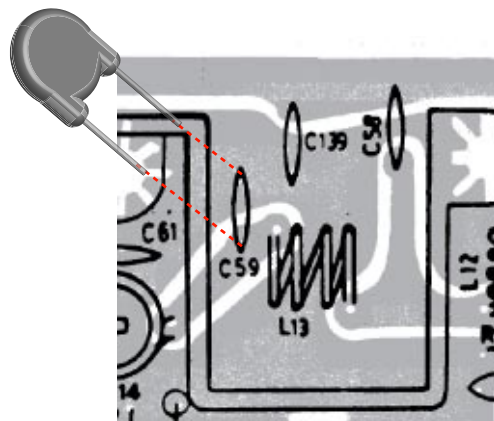


2) Install EKL Components' EN-1230 at R56. The EN-1230 is a POLARIZED part. Make sure that it is installed correctly with the positive lead toward R123.



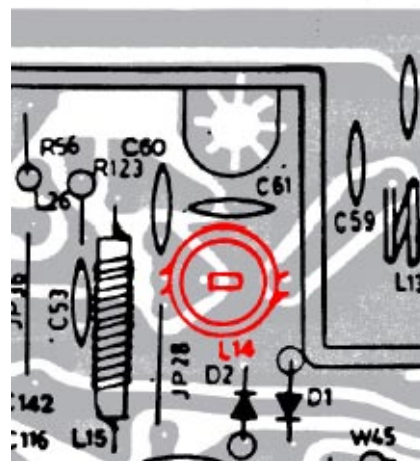
3) Add 68pF capacitor on back of C59. Install on solder side of PCB. Leave C59 capacitor alone.

NOTE: Adding the 68pF capacitor improves performance results on MOST units. There are some older model Cobras that it may not be necessary to add the 68pF capacitor. Test with and without to determine best results.



4) Remove tuning slug from L14 and discard.

NOTE: One old model of Cobra 29 utilized a smaller tuning coil at L14. On these units, you must leave the tuning slug in it for maximum results.



5) Remove TR14 (the 2SC2078), and install EKL Components' ERF-2030 in its place with stock insulator, washer, and screw.

NOTE: The ERF-2030 has the same pin-out as the 2SC2078, so the parts install the exact same way. The use of a good insulator is CRITICAL for the ERF-2030. If the stock insulator is cracked or damaged, then use a new mica or ceramic insulator. Make sure to use heatsink compound to help with additional heat dissipation.