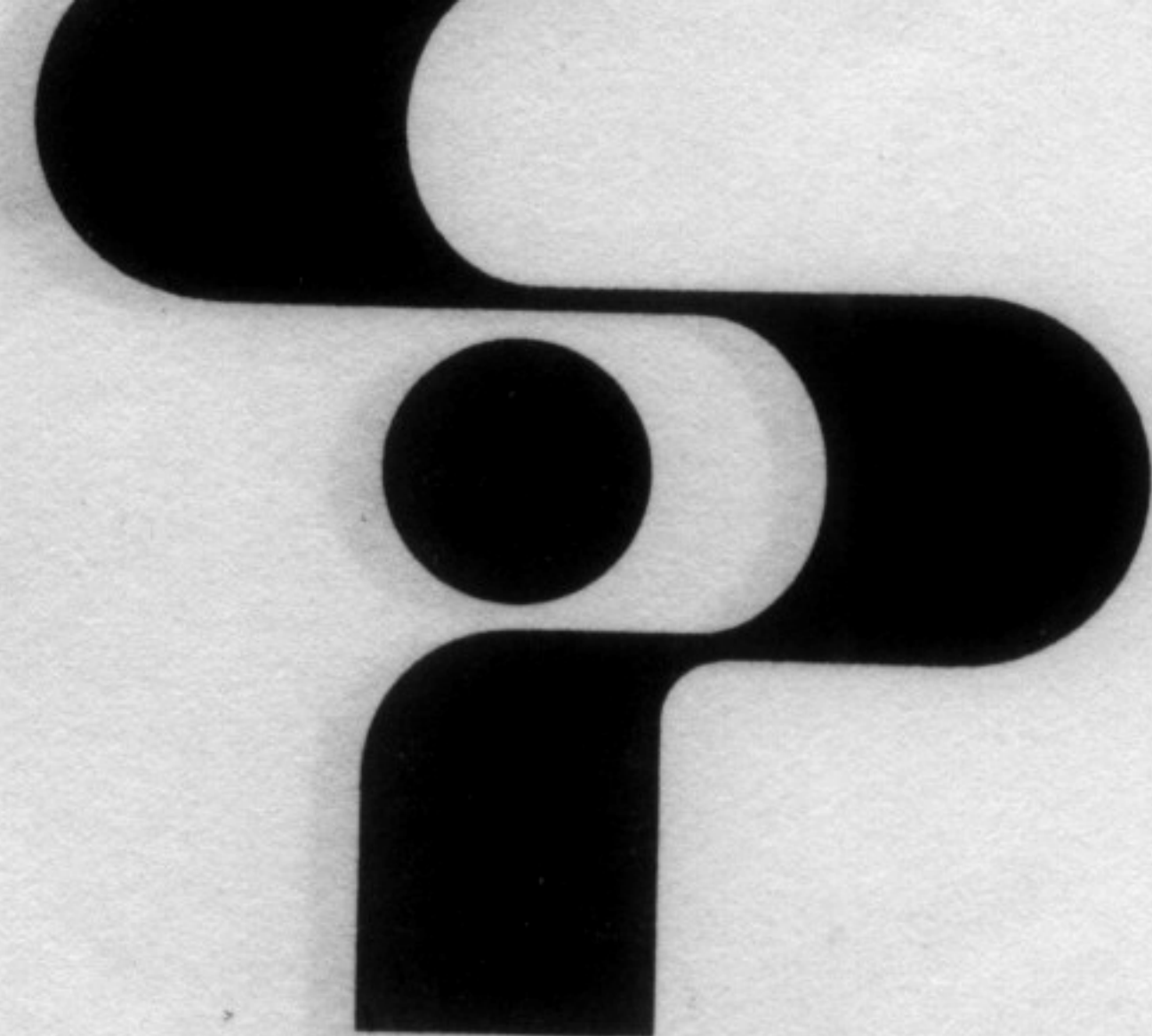


cpi news

COMMUNICATIONS POWER, INC. 2407 Charleston Road, Mountain View, CA 94043 (415) 965-2623



Service Bulletin #3

May 11, 1977

CP300/400 SERVICE NOTES

Noise Blanker Modification (CP-300/CP-400):

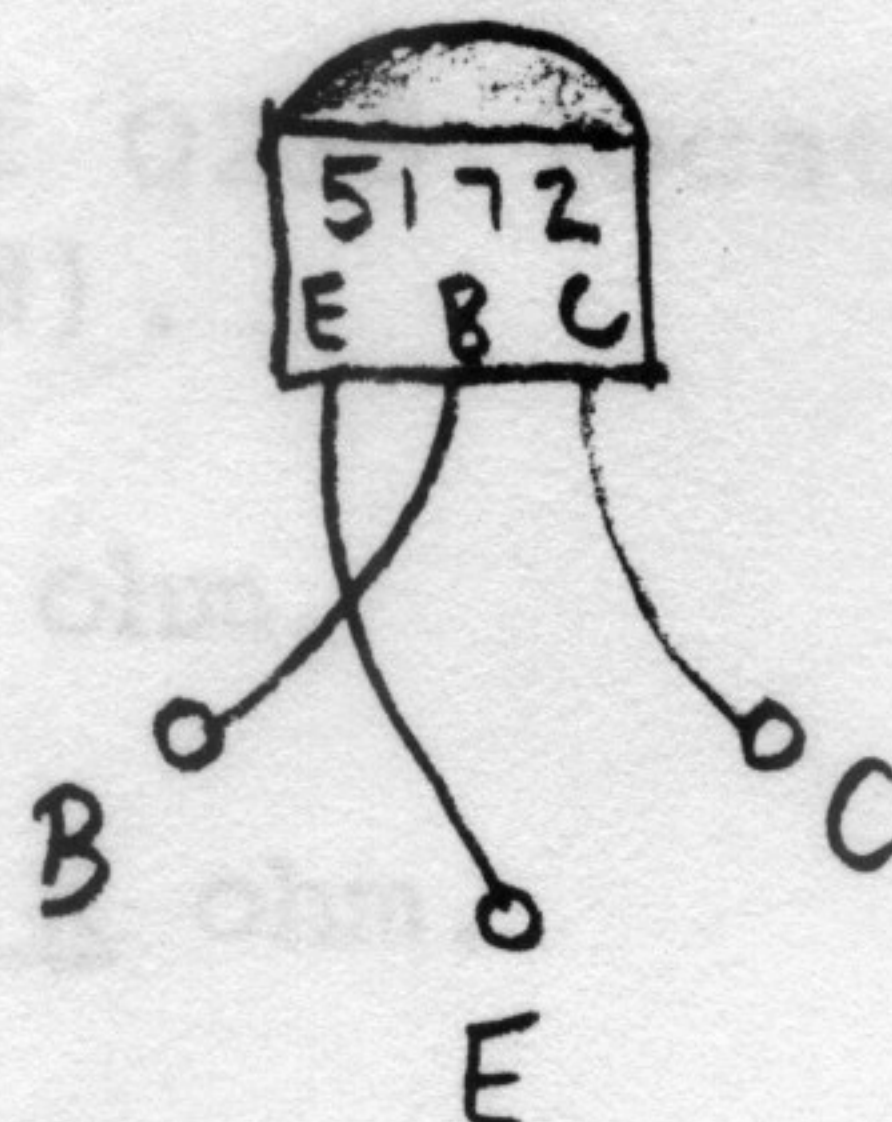
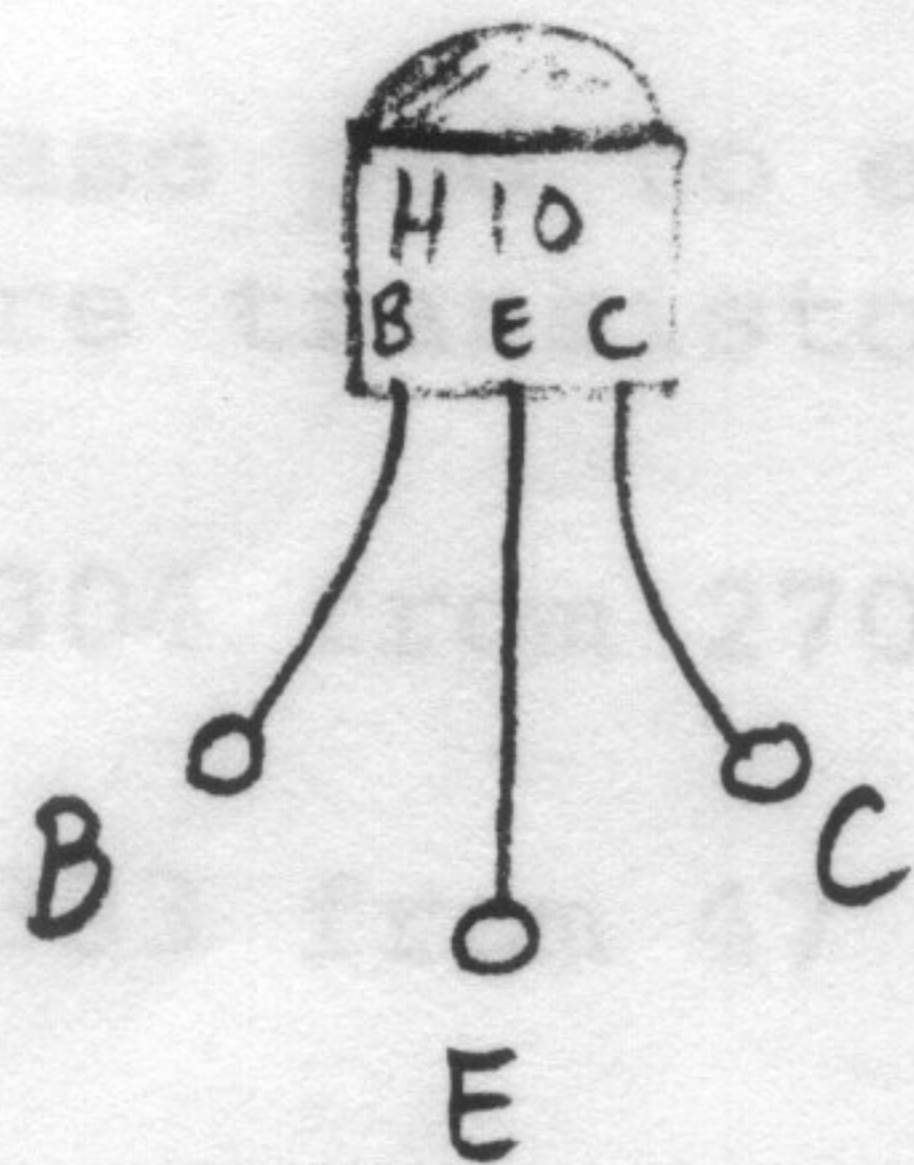
The following Modification is designed to improve the sensitivity and performance of the noise blanker. It is incorporated in all CP-400 shipped after May 1, 1977.

Parts Required:

- A. MPS 5172 transistor
- B. 2 pf disc capacitor

Procedure:

1. Locate four shield cans comprising front end of receiver (directly behind crystal filter). Remove two cans towards front of radio, L211 and L214 on layout in manual.
2. Replace Q224 on RT Board with MPS 5172. Note that the emitter and base are reversed as compared to the H10. See drawing.



3. Replace C297, 5pf disc with 2 pf disc. This capacitor is next to L214.
4. Reinstall cans.
5. Peak receiver per alignment procedure in service manual.
6. Tune Noise Blanker on 23.5 MHz, rather than 24.5 MHz as called for in manual.

(over)