

C T O D

D

ENGINEERING BULLETIN FOR COMMUNICATIONS RECEIVER MODEL SX-117

PURPOSE

The following modification instructions have been prepared for owners of Hallicrafters' Model SX-117 Receiver. This modification serves to improve the frequency stability of the VFO.

TOOLS REQUIRED

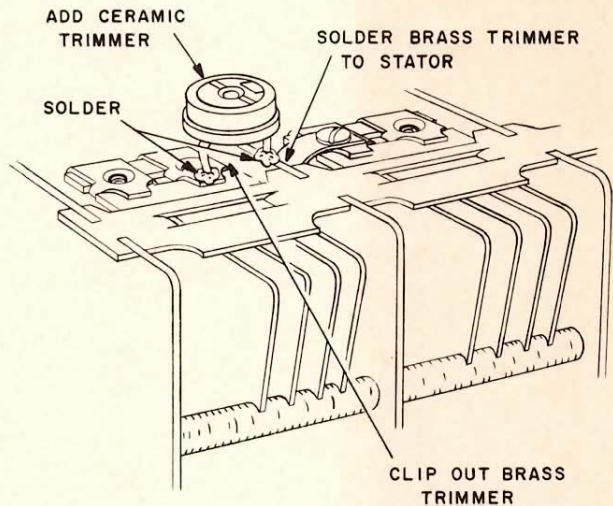
- Cutters
- Screwdriver
- Soldering Iron or Gun

COMPONENTS REQUIRED

- One Ceramic Trimmer,
Hallicrafters' Part Number
044-000430

MODIFICATION PROCEDURE (Refer to figure 1)

1. Locate the center section of the tuning capacitor, C15. Locate the brass trimmer (C15D) on top of this section.
2. Solder C15D to the stator where the trimmer and the stator join in the front of the center section.
3. Remove the trimmer screw holding trimmer C15F to the front section of C15 and clip out C15F flush with the stator at the rear of the front section.



156-002559

Figure 1. Illustration of Tuning Capacitor, Showing Change.

4. Solder the ceramic trimmer to the stator and to the screw terminal which formerly held C15F in place.
5. This completes the modification. The tuning gang should appear as shown in figure 1.

ALIGNMENT

Alignment is the same as specified in paragraphs 6-8 and 6-9 of the SX-117 Manual except that the ceramic trimmer should be adjusted wherever reference is made to adjust C15F.