

ADDITIONAL SHIELDING FOR THE RV-4/RV-3 REMOTE VFO

We are aware that some stations, when poorly grounded, can produce enough RF energy on the remote VFO chassis to cause the output signal to feed back into the transceiver and cause oscillation. This problem is aggravated by the use of a linear amplifier which not only increases the transmitted power but also increases gain in the feedback loop.

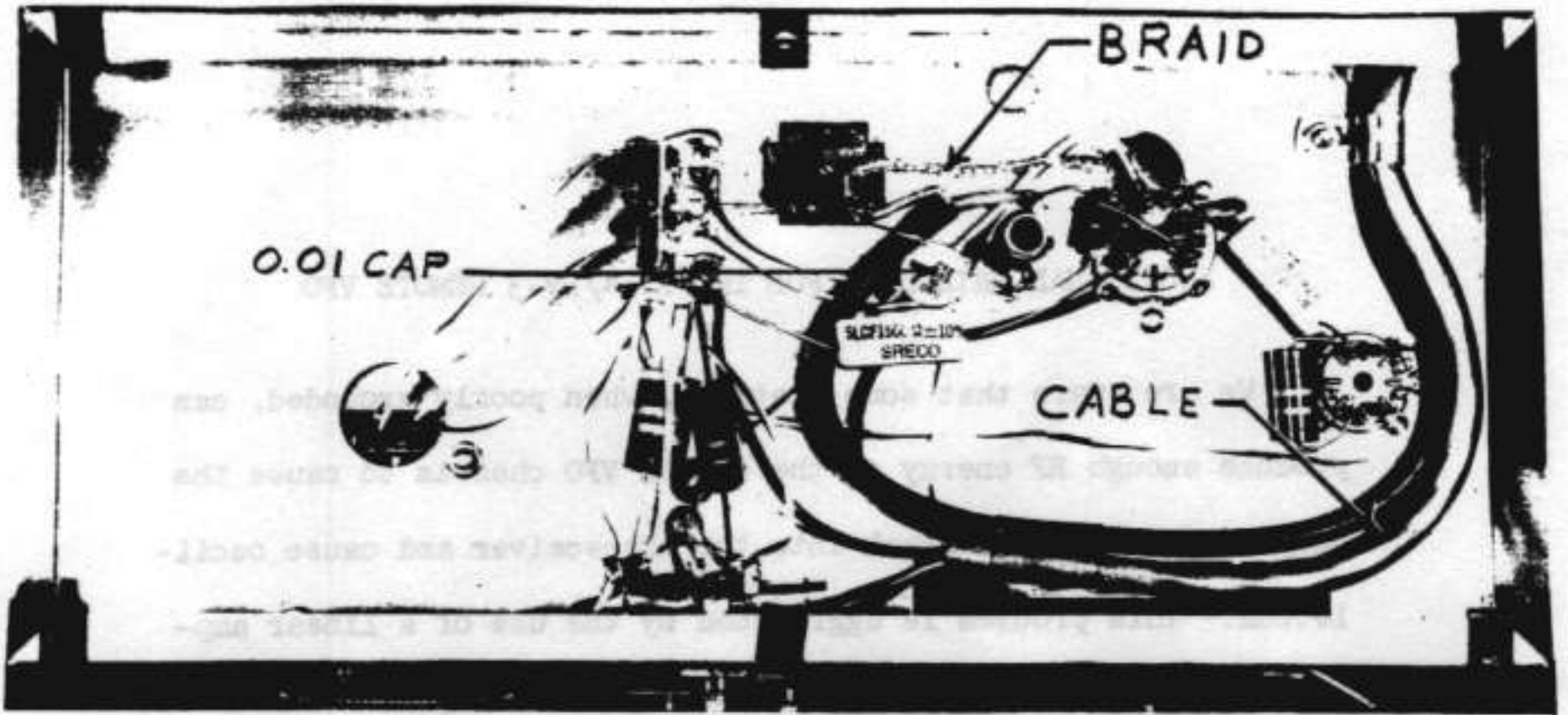
Since it is not always possible to get on effective RF ground to the station, additional shielding may be provided for the remote VFO.

To modify the RV-4:

1. Replace the original cable with the cable combination supplied. The same color scheme is used except that the brown lead in the new cable replaces the gray lead in the original cable.
2. Replace C18, a 0.005 capacitor with the 0.01 capacitor supplied
3. Replace the 2 1/2" B/W #22 ground wire with the 2 1/2" piece of 1/8" braid supplied.
(See pictorial)

To modify the RV-3 it is only necessary to replace the cable as described in step #1. Steps #2 and #3 do not apply.

H.J.K.
ENGR DEPT



REMOTE VFO

PARTS LIST FOR RV-4/RV-3 MODIFICATION

QTY	DESCRIPTION
1	RG-58U/AC-4 COMBINATION CABLE
1	0.01 DISC CAPACITOR
1	2 1/2 INCH PIECE OF BRAID