

SLIDER INSTRUCTIONS

- 1-Cut foil to disconnect R309 and R404 from RB (X-on schematic and parts locator).
- 2-Install uA 78L82, or equivalent, voltage regulator between ON/OFF switch and R309/404 junction. (See drawing on parts locator)
- 3-Bridge the junction CR49/R161/R162 to ground as shown.

The above will enable the clarifier to work on transmit (slider). In order to slide more than the standard clarifier range, it is necessary to make the following modifications and adjustments.

- 1-Remove C143 (10 or 15 pf).
- 2-Short (bridge) C146 (22pf).

Make the following slider frequency adjustments after the frequency modification is done.

- 1-Turn clarifier to maximum position fully clockwise.
- 2-Connect dummy load to antenna jack.
- 3-Connect frequency counter to dummy load (radio in AM mode) and key transmitter.
- 4-Adjust L34 for channel frequency (F_0 plus 10 KC).
- 5-Turn clarifier to maximum negative, fully counterclockwise.
- 6-Adjust R308 for F_0 minus 10 KC (if 10 KC cannot be reached, adjust for lowest frequency possible).
- 7-Repeat steps 5 thru 7 (if minus 10 KC cannot be reached and equal sliding is desired, adjust L34 to accomplish this, i.e., +9.5 KC and -9.5KC).
- 8-Check F_0 and if needed touch-up R309 to obtain the correct channel frequency.