

## CIRCUIT DESCRIPTION

A negative voltage is always applied to the anode of D907 from the Bias Adjust control through resistor R954. When receiving, a higher positive voltage is applied to the anode of D907 from the screen circuit of V11 through resistor R955. As its anode is now positive, the diode conducts and acts as a closed switch to supply a ground to C955. This action places the capacitor in parallel with C421B and adds capacity to the plate tuned circuit.

In the transmit mode, the positive voltage is removed by the opening of contacts 3 and 11 of RL2. The remaining negative voltage prevents D907 from conducting and it consequently acts as an open switch, removing the ground from C955. The capacitance of C955 is therefore removed from the plate circuit of V6.

