

Fig. 1
Modification For Model 515

Unplug the unit. Remove the top cover and the bottom plate. Turn the unit upon its end, transformers on the bottom.

1. In the upper right corner, locate the small silver wire sticking up out of the board with nothing soldered to it. Cut the silver wire that goes from the receiver connector, indicated by an "X" (Fig. 1) and solder it to the silver wire sticking up out of the board.

DRIVER MODIFICATION:

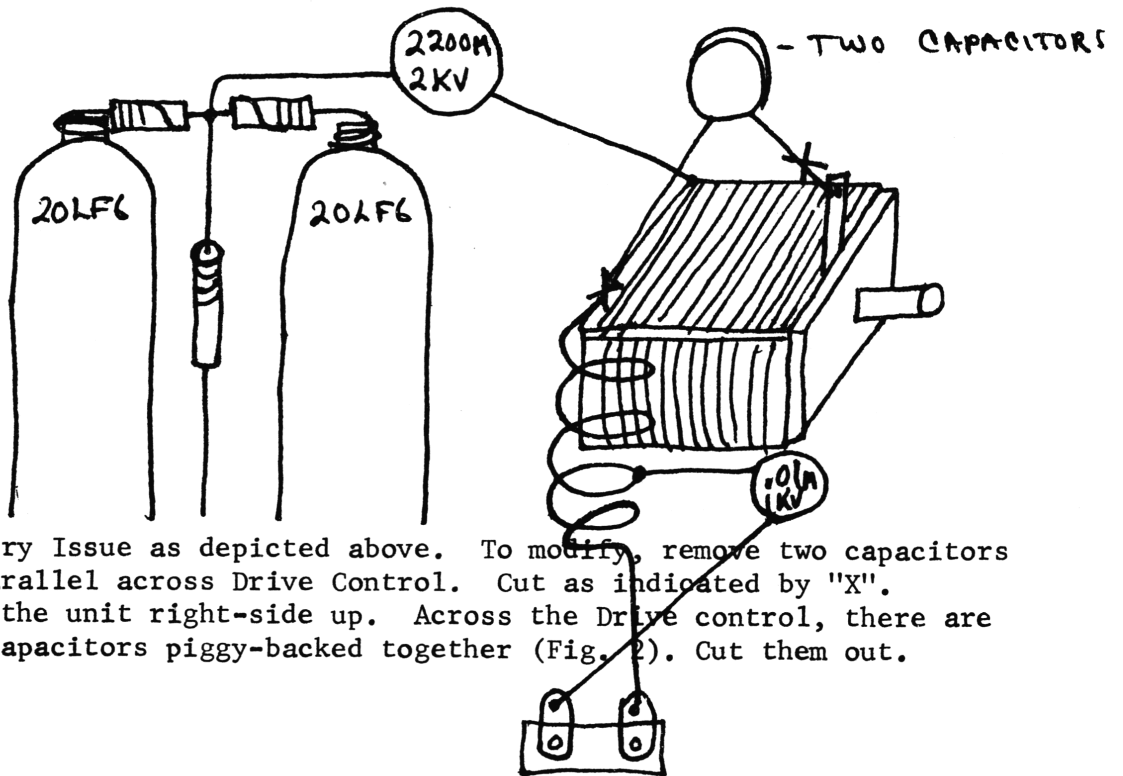


Fig. 2

Factory Issue as depicted above. To modify, remove two capacitors in parallel across Drive Control. Cut as indicated by "X".

2. Turn the unit right-side up. Across the Drive control, there are two capacitors piggy-backed together (Fig. 2). Cut them out.

EAGLE 515

OUTPUT MODIFICATION:

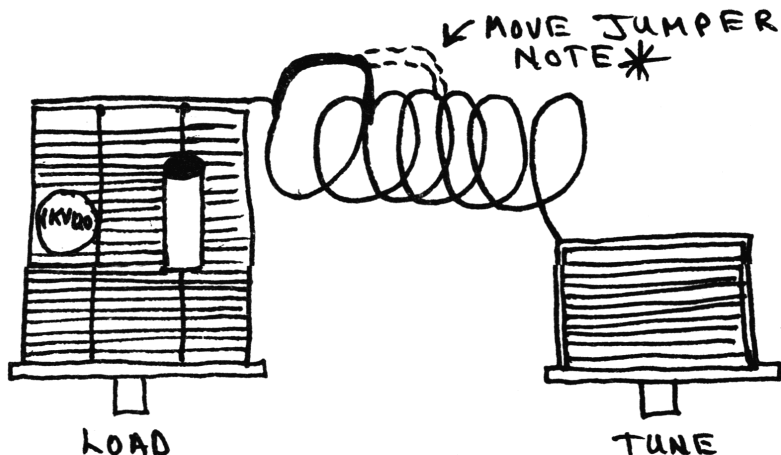


Fig. 3

Factory Issue as depicted above. To modify, move strap on coil between "Load" and "Tune" from third turn (as per factory issue) to fifth turn (as indicated above).

3. In between the Tune and Load controls is the Output Coil. If you are facing the unit, from the left end of the coil, there is a piece of silver wire soldered to the end of the coil and to the third turn (counting from left to right). Unsolder it at the third turn and resolder it to the fifth turn (Fig. 3).

YOU MAY ---
 * INSTEAD OF JUMPERING,
 CAREFULLY REMOVE FROM
 CIRCUIT - STRAIGHTEN
 COIL AT POINT OF
 JUMPER THUS REMOVING
 EXCESS COIL SHORTEN
 WIRE TO DESIRE LENGTH,
 REINSTALL AS BEFORE.
 THIS INCREASE EFFICIENCY!
 (EXCESS CHOKE JUMPERED
 WILL ABSORB POWER)

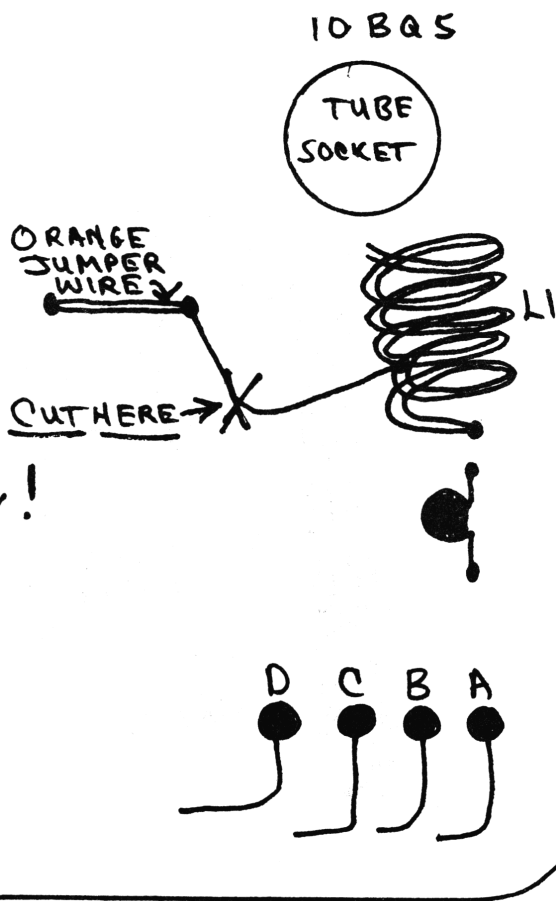


Fig. 4

4. With the unit facing you, there is a small silver coil in the back right side, by the antenna relay. There is a small silver wire soldered to the middle of the coil, which goes to the board. Cut this wire, indicated by an "X", (Fig. 4).
5. Remove the 10BQ5 Oscillator Tube located on the right rear board of the chassis. This completes the modification.