

Linear Replacement Relay  
Drake Part # 362-0050

The enclosed relay is a general replacement relay for the DRAKE L-4/L-4B/L-7/L-75 linear amplifiers. Over the years various relays of several manufacturers were used in these amplifiers. Before disconnecting the existing relay from your linear, please compare the attached drawing (that pertains to your linear) to the wiring of your relay. Note any differences in wire color etc.

Before installing the new relay in your linear, please perform the following preliminary wiring steps to the new relay.

1. Locate the black leads that connect the armature contacts to terminals 7 and 10. Disconnect these two leads at the backside of terminals 7 and 10, leaving the other ends attached to the armature contacts. The two disconnected leads will be connected later as you install the new relay.

2. Install jumper leads as follows:

A. Connect a 5/8" jumper between the relay coil terminal and terminal 7.

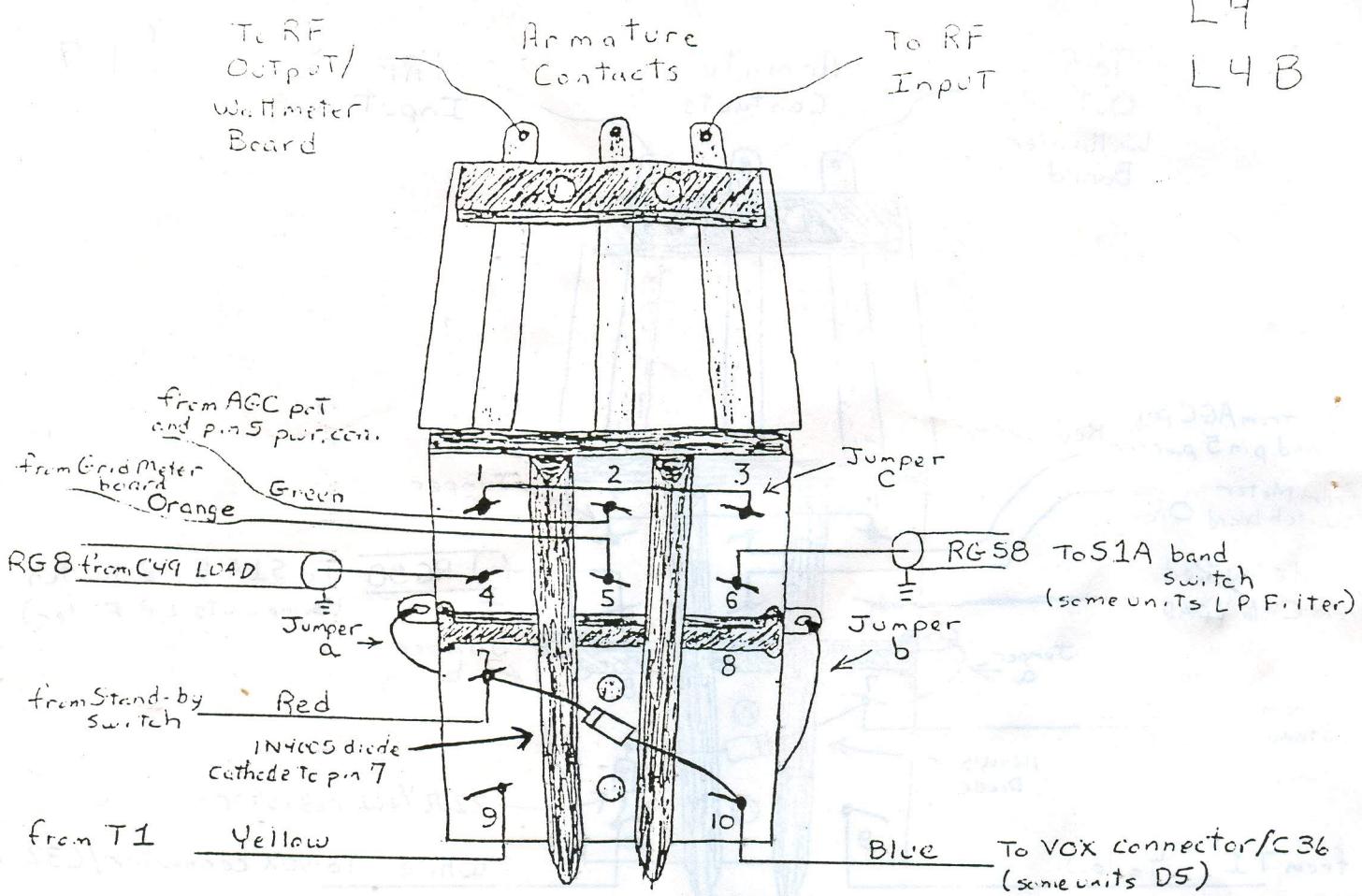
B. Connect a 5/8" jumper between the opposite relay coil terminal and terminal 10.

C. Connect a 1 1/4" jumper between terminal 1 and terminal 3.

3. Install a diode or diode/resistor combination between terminal 7 and terminal 10. Please refer to the drawing for your particular linear.

Unsolder the leads attached to the old relay and remove the old relay from your linear. Mount the new relay in your linear and connect the leads as per the drawing that pertains to your linear. Solder all leads. Inspect all solder connections and wiring.

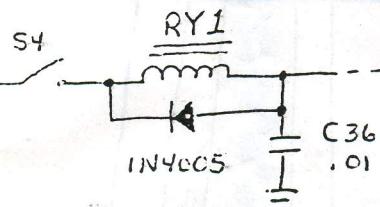
REMOVE WHITE WIRES BEFORE Installing  
Follow Diagrams



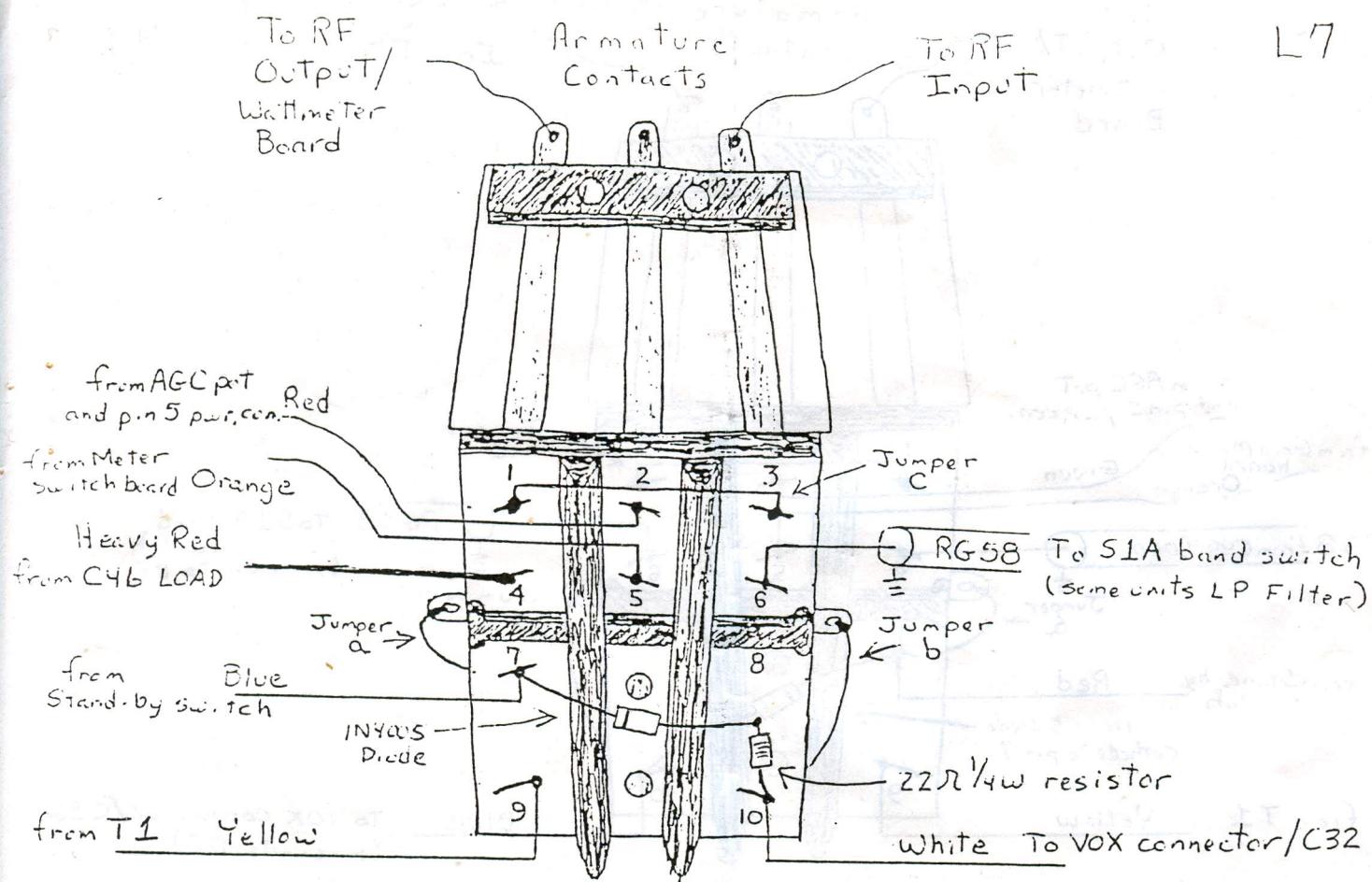
Wires may be white with a colored trace.

Diode (IN4005) across relay coil is an update modification on most units.

#### Schematic Update



L7



L75

