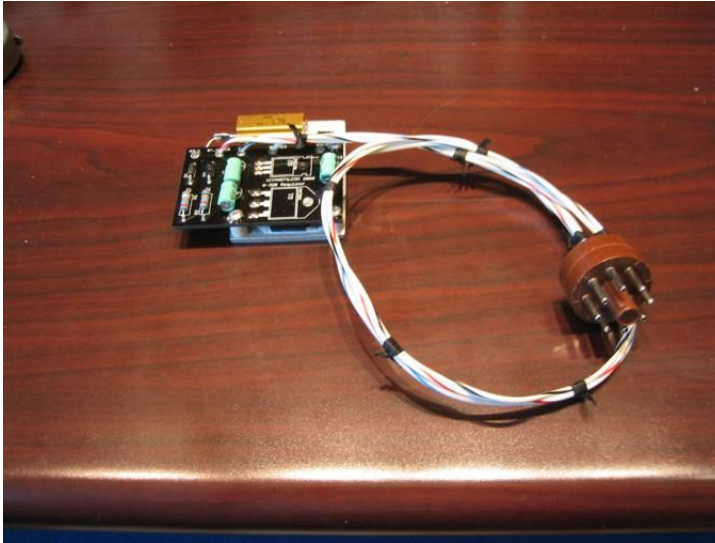


R-390 Regulator Replacement

- Remove **V605, V606, V608, V609**
- Jumper pin 1 to pin 5 of **V608** by using the supplied jumper plug.
- Remove the four (4) screws holding the regulator backup plate in place.
- Prior to installation move remove or move the tube supports out of the way.
- The regulator will fit over the hole in the chassis closest to V605, the back up plate will sandwich the chassis between the regulator and the backup plate. The gold power resistor will be vertical and toward the back of the radio.
- Prior to the next step hold the regulator in place and find the position that the four backup plate screw holes align. Make a small pencil mark on the chassis where this is, once the heat sink compound is applied it is hard to find the alignment
- Spread a light coat of heat sink compound on the rear of the regulator module where it touches the R-390 chassis.
- Install the backup plate using the four (4) screws and washers used earlier, tighten the screw so they are snug, the regulator heat sink will strip easily if excessive force is applied.
- Route the regulator cable plugging the octal socket into XV606 where the 8082 were removed.
- The radio should be ready to go, the regulated voltage is @ 175 – 185 VDC



Alternate Mounting:

