

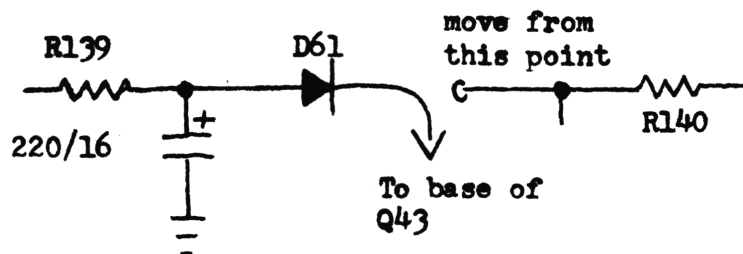
RANGER AR-3300; UPDATE

Tech. Bulletin #1... Re: Vol. 25 SCB.

Again; this is the modification on all units below serial numbers 86020800 only.

1. Remove R139, change to 4.7K ohm 1/4W 10% resistor.
2. Lift cathode side of D61 (banded end); replace cathode to base of Q43.
3. Add a 220Mfd/16VDC electrolytic capacitor from junction of R139/D61 to D.C. ground. (+ to junction)...

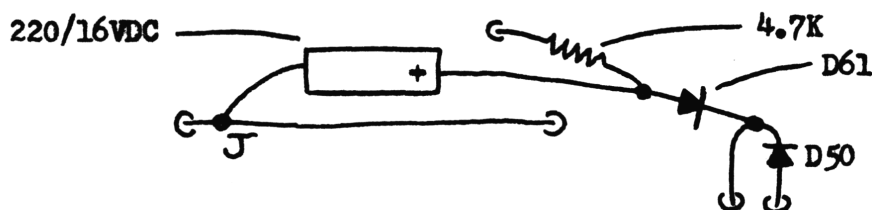
Schematic of change is below:



Editor Note: I have found it next to impossible to modify units by placing the capacitor on etch side of chassis.

Recommend that it be modified as below. Utilized on A/N: 86020436 with no problems.

1. Remove D61 carefully; save diode.
2. Remove R139-discard; cleanout left hole (viewed from component side).
3. The solid buss jumper directly below R139 hole is D.C. ground potential. This will be used as capacitor ground point.
4. Wire all components as shown, "FIT" all parts before soldering.



Do a good job as neatness counts!