



Knowledge Base Article 5BMC1A22A9

Issue

R71-No power up. No display, No lights. Problem may be intermittent.

Resolution

- 1) Cracked solder joints on regulator unit.
- 2) Loose board mounting screw on the regulator unit that provides ground to the board.
- 3) Cracked solder joint(s) where power transformer mounts to regulator unit.

To fix:

Remove the regulator unit from the radio and resolder all suspicious solder joints on the regulator unit. Pay particular attention to the solder joints at heat sink-mounted transistor Q1 on the regulator unit. Modification: After tightening the regulator unit to the chassis, at the chrome screw with the spacer, apply a solder bridge across the spacer to form a solid electrical connection between the board and the chassis. This will prevent future failures due to bad connections at this joint.

The power supply on the R-71A receiver runs quite hot, and problems with the regulator unit are common. We recommend inspecting and servicing (if needed) the regulator unit in all R-71A receivers that are in need of repairs.

Category

Receivers : 3. Miscellaneous/FAQ's : Tabletop / PC Controlled