

Troubleshooting Guide

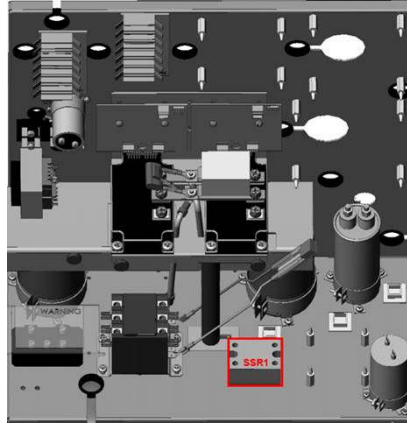
E27 ANODE ROT. ERROR

Rotor Signal Active stuck ON at power up.

1. The primary device which normally controls power to the Anode Motor is K2 (SSR):

Part Number: 01723-000

Description: RELAY, SOLID STATE, PHOTOTRIAC



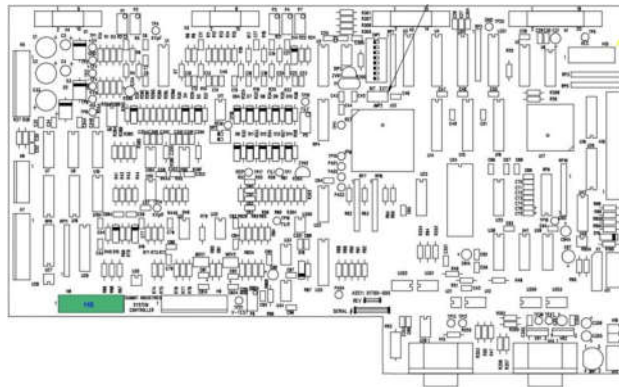
2. POSSIBILITY: False error due to System Controller Board failure: > Bypass actual Anode motor current input. Open the Power Module and look for header H8 at bottom left corner of the System Controller Board. Disconnect the plug connected to header H8.

Power up with this plug disconnected.

When Error persists, the System Controller Board needs to be replaced w/Kit 06357-XXX.

Contact Tech Support

When No Error... Evaluate or replace K2 (SSR) and/or Stator Cable.



3. Due to Damage at the Stator Cable: Un-expected current path to ground may cause actual current and spin the ROTOR at turn ON.

It is possible this error occurs when Stator Cable connecting TUBE Anode Motor to the Generator becomes damaged.

4. Due to failure inside of the X-Ray Tube Housing: Winding shorted to GND or housing can cause this error as well (not very common, but possible). It is important to measure the resistance of the windings, Ohms from Common to Main, Common to Aux (Phase), and Main to Aux (Phase).

< ! > But equally important for this error to ensure those windings measured OPEN to Chassis ground (O.L., Over Limit).