

Product: Decca BridgeMaster E Series Radars

Subject: Power Supply failure with FPD systems

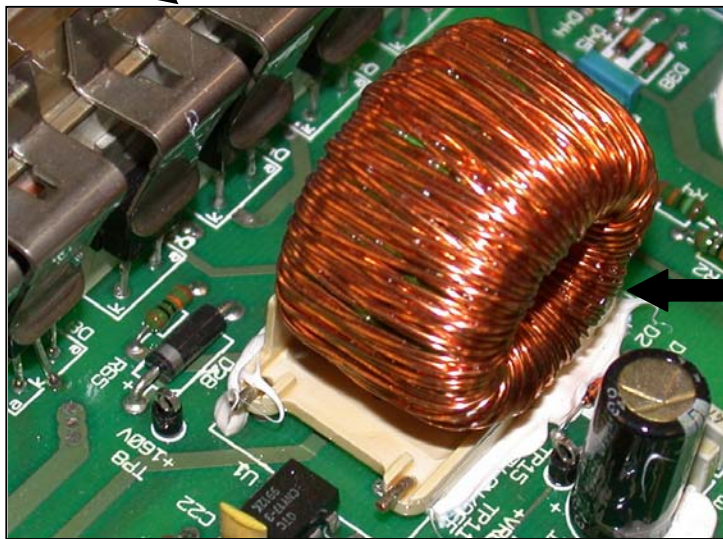
On radar systems with Flat Panel Displays¹ that uses the ship's mains supply, it has become apparent that in the Power Supply Unit² a diode³ may fail which will cause the PSU to shut down. This diode is part of the +160V Monitor supply which is not used in these type of systems.

The following action may be taken to prevent this occurring again:



- a. Locate and identify L6 for AC Power Supply or L3 for DC Power Supply.
- b. Cut the coil connection to the PCB at the position shown.
- c. Secure the loose wire end to coil with a dab of silicone rubber.

Note:
Pictures
shown
are for
AC PSU



Notes:

1. Applies to all Flat Panel Display types **EXCEPT** types 65815C or 65817C
2. Power Supply Units types 65800822 (DC Mains) or 65800823 (AC Mains)
3. Diode D20 for DC PSU or D28 for AC PSU