



Consumer Product Service  
 Manager of Technical Support  
**TECH TIP**

TT  
 HCD  
 number 17

MODEL: ATARI 810 Analog Disk Drive

DATE: June 6, 1983

**SUBJECT:**

Diode Replacement at CR104, CR105

**DESCRIPTION:**

Excessively high failure rates of diodes at CR104, and CR105 on the 810 Analog Power Supply PCB.

**PROBLEM:**

Diodes do not meet Atari specifications - vendor related problem.

**SOLUTION:**

Replace failed diodes with a diode of a higher current rating. This not only remedies the problem but also provides a greater reliability factor.

**NOTE:** Perform the following modification procedure only on those units which display failed diodes at CR104 and CR105 of the 810 Analog Power Supply PCB.

**MODIFICATION PROCEDURE**

Silk Screen Location	Remove Component Descrip.	Part Number	Replacement Comp. Descrip.	Part Number
CR104, CR105	Diode, 1N4001	31-1N4001	Diode 1N5391	C017988

**TROUBLESHOOTING:**

These changes do not effect the troubleshooting procedures outlined in the 810 Disk Drive Field Service Manual (FD100003).

**DIFFICULTY REPORTING:**

If you have questions or need further assistance, call the Atari Techline Specialist:

Inside California  
 (800) 672-1466

Outside California  
 (800) 538-1535