



# Tech Info Library

## Super Serial Card: Blown Resistor

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Security: Everyone

Super Serial Card: Blown Resistor

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PROBLEM DESCRIPTION: ImageWriter causes R7 on the Super Serial Card to fail.

BEFORE YOU START: Familiarize yourself with the procedure for removal and replacement of the carrier drive transistors, referring to the ImageWriter Level I Technical Procedures.

CAUSE: One of the carriage transistors in the ImageWriter is shorted.

CURE: Follow these steps:

1. Remove the string of 4 carrier drive transistors and their associated insulators using the procedure documented in the ImageWriter Technical Procedures.
2. Check to make sure that none of the insulators is missing or cracked.
3. If any of the insulators is missing or cracked, replace them, reinstall the string of carriage transistors, and test the printer with the Super Serial Card. Otherwise, proceed to Step 4.
4. Replace the string of carriage transistors with a new set and test the printer using the Super Serial Card.
5. If the above procedure does not cure the problem, refer to Troubleshooting in the ImageWriter Technical Procedures.

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