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ImageWriter II: Carriage Motor Makes a Loud Humming Noise

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BEFORE YOU START: Familiarize yourself with the ImageWriter II Technical Procedures. Be sure to follow proper ESD procedures.

PROBLEM: The carriage motor makes a loud "humming" noise when the carriage moves to the left side of the printer upon power up. This sometimes occurs after the printer has been taken apart and reassembled.

CURE: Check to make sure the ground strap from the CPU board to the Driver PCB is NOT routed around the right side of the motor mount. If the ground strap gets between the motor mount and the carriage assembly, the left carriage position sensor never detects the carriage, consequently the motor stays on as the printer tries to complete the power up sequence. The ground strap should be positioned between the motor mount and the left side of the case. If the ground strap is routed correctly see the General Troubleshooting Procedures for the ImageWriter II.
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