

Display Resets in Middle of Use

S-TR and S-TRx

There have been reports of treadmills resetting in the middle of use. This happens only when the fans have been turned on. There are two possible symptoms:

- The fans have been turned on but are not moving, then the display resets.
- The fans have been on for a period of time, then the display resets.

Below are the solutions for each scenario.

Scenario 1: The fans have been turned on but are not moving, then the display resets.

This is caused when the fan connectors have not been installed properly.

Re-position the fan connectors as in the following steps:

1. Get access to the component side of the display and verify the connectors proper orientation as in Figure A. If it looks like Figure B, proceed with step 2.

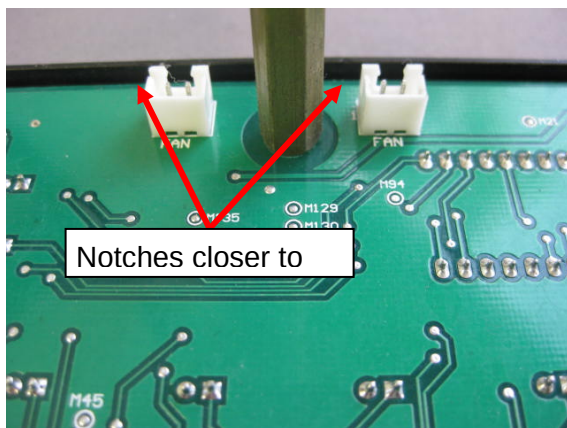


Figure A: Connectors in Correct Orientation

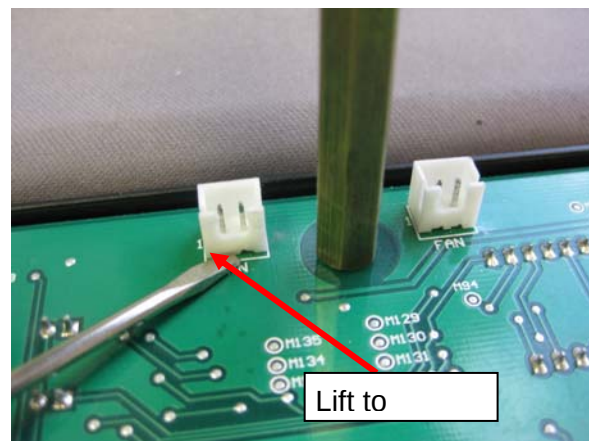


Figure B: Connectors in Wrong Orientation

Troubleshooting

- Get under the plastic with a small fine tip and pry the connectors upward (Figure B) one by one. Then re-orient the connectors with the notches closer to the board edge (Figure C)

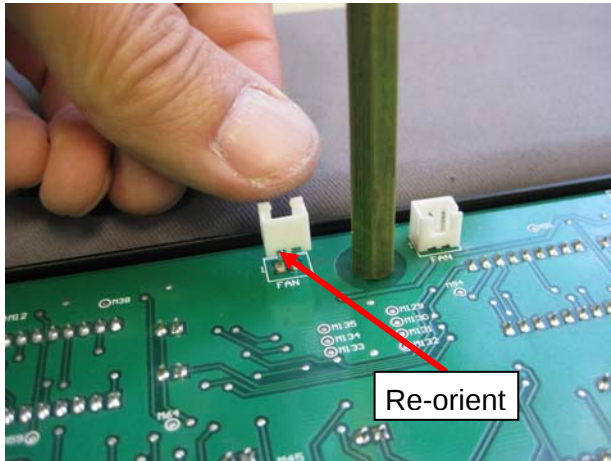


Figure C: Proper Notch Re-Orientation

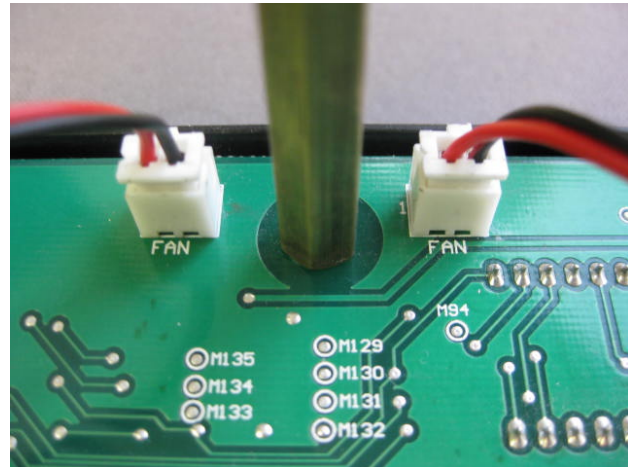


Figure D: Viewing Without Seeing Notches

Before testing, fans should be connected only with the board looking like Figure A & Figure D (also note the wiring order of the fan harnesses)

If the fans wouldn't come on following this re-orientation, the fans may have been damaged from earlier operation.

Scenario 2: The fans have been on for a period of time, then the display resets.

The root cause of resetting is the polyfuse (F2) on the MCB (Motor Control Board).

If the display resets after the fans have been turned on, check the numbers on the polyfuse. If the numbers are "76208T", replace the MCB.

