

UNIT SHUTS DOWN (LOSE POWER)

Every treadmill has a current limit. There is a relation between the current the unit draws and the friction of the walking belt and walking board. Most customers do not bother to lubricate their walking belt, causing un-necessary damage and wear.

When the walking belt and or board is worn, the friction is drastically increased. This can causes numerous problems. The motor could be compromised. The controller may be damaged or the unit will shut down to protect itself.

If you' re working on one of these units here are the steps:

- 1) Check the condition of the walking belt by physically feeling the texture of the middle of the underside of the walking belt and compare it to the edges of the belt. If there is even a slight difference, this will significantly increase current draw.
- 2) Measure the current draw of the unit using your current meter. If the motor draws a maximum of 12A, you should be about 6A normally. Excess current draw suggest a worn tread.
- 3) Solution: Replace walking belt if any of the above situation occurs.
- 4) If the walking belt is fine and the current draw is optimal, you may have a motor brush issue.
- 5) Solution: Check the motor brushes and replace if they are worn to 50% or more.