

Time to replace a running belt and deck

If the running belt does not get any kind of lubrication, It may wear out more quickly than if properly maintained.

There are several ways that will show when it's time to replace a running belt, a running deck or **BOTH**. The most common issue is to see white dust or nylon fabric at the rear of the machine, underneath the deck, and around the rollers:



If you see anything like this underneath your belt and around the rollers, please stop using your machine. A problem like this would cause a lot more friction between the belt and deck, causing the motor to run at higher RPM's to keep the pace of your workout. The amperage that the motor would draw would be higher than what a motor controller could handle and sooner or later that electronic part may burn and stop working. **Orthopedic** belts are heavier than a normal belt so it will require more power and torque from the motor to move it. Controllers may fail when you have a belt or running deck issue.

**Do not lubricate Infinity Belts or Infinity Decks.
This can cause increased friction.**

The running belt could rip and split in half if you keep using the machine:



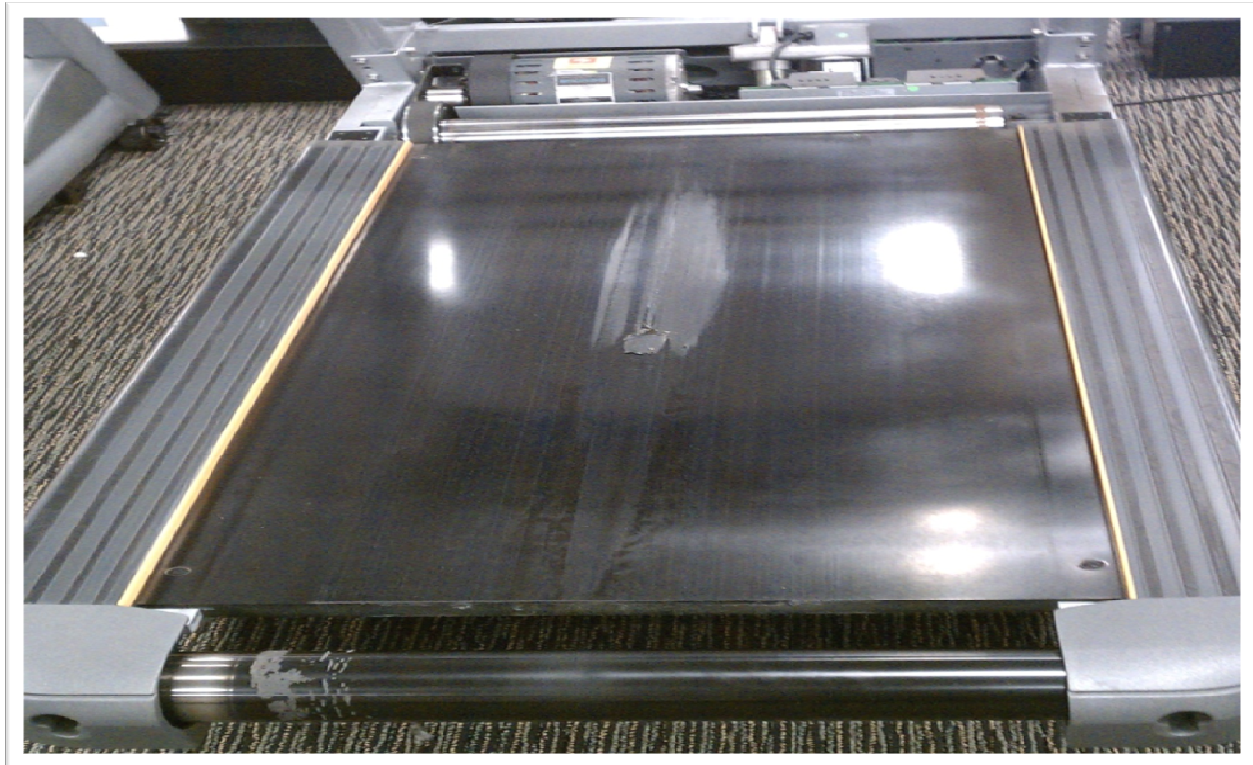
Another symptom is if the running belt buckles through the middle. It is a normal wear and tear in the middle of the belt since this is the area where you walk or run all the time. If you have this kind of problem you need to replace your running belt:



We need to be careful and inspect the running belt when you have an issue like this, it could be that the running deck is cracked and causing this issue. If you attempt to loosen the running belt and reposition the belt to its normal state, the belt will buckle again since the threads in the underside of the belt are not strong enough anymore.

A normal running deck should be really smooth, and should not have any type cracks or chips around the deck, especially the top because there is a constant friction between the belt and deck while in use. If your deck has any type of chips, marks or cracks it may damage your running belt and there is no solution to fix a deck like that. We recommend verifying that the old deck is in good condition prior to replacing the running belt to prevent abnormal wear or a potential issue with the motor controller.

These are some examples of when to replace a running deck, these decks have many spots that are not smooth and have random debris from dust or the running belt:



If the old deck on your machine has any type of lines like the example above, we recommend that you replace your deck along with your running belt for better performance.

If the running belt has any lines like the picture above, a new running belt needs to be installed. These lines could seem harmless but they may cause more friction with the running belt and may burn the motor controller.

If the running belt was recently replaced and the motor controller failed after you inspected the deck and there was no visible damage it could also be a **bad deck**. The best way to determine if a new deck is needed would be by running an amp draw with a Volt meter. At this point, we suggest that a professional certified technician would perform the test to determine if a deck is needed.