



Our new and improved troubleshooting section was carefully constructed to put the power to repair your machine in your hands. As you can tell, we have put a great deal of time and effort into the process. All of this can save you the cost of a service call which is approaching \$150 in many markets and in many cases, we can save you the cost of parts since many parts are sold from factories unnecessarily (many parts cost over \$100 alone). With all of this said, if our troubleshooting tips help you out, please donate to keep this info on the web and so we can continue to add to it for your future use. As we get the funds, we will start to post video helps too. If this info helps you, please click on the donate button and donate to help us expand and maintain our troubleshooting help. Donations are NOT tax deductible.

BELT SLIPPING

Be careful when testing for a slipping belt. A danger of a fall and serious injury is always present.

Several conditions can exist that can cause a slipping belt.

- 1) The walking belt may be too loose.
 - a) Contrary to some belief, we have never found a walking belt that has stretched out unless it is accompanied by the seam on the belt separating. If you have made recent adjustments, lubricated, or had repairs, a belt can slip if not tightened.
 - b) The belt can slip if you have too much friction or if the belt has been recently lubricated. Attempt to lubricate by using our World Famous Treadmill Lube or another lube compatible with your treadmill. If lube does not help your problem and you have exhausted all other possibilities, the walking belt is most likely worn out and must be replaced.
 - c) To adjust the belt, follow the instructions on our web site at the following link. <http://www.treadmilldoctor.com/Troubleshooting>
 - d) An overtightened walking belt can raise the amp draw of your treadmill, contribute to seam separation on the walking belt, or both, so do not overtighten the walking belt.
 - e) As a general rule, you should be able to lift the belt in the center on the side by approximately 2" to 3". As a general rule, if you cannot lift it by 2" to 3", the belt is too tight.

2) The drive belt between the motor and the front roller may be slipping.

a) All drive belts tend to wear with age and will wear more quickly if not aligned properly. Tightening the drive belt according to the directions in your owner's manual may prevent slippage but we don't recommend it since it is easy to overtighten and this can damage expensive drive system parts- you are much better off replacing the drive belt. Some models are designed with a misaligned drive belt so the treadmill can use the side load of the drive belt to reduce operating tension. These will always wear out quickly.

b) Treating the drive belt with belt dressing, which can be found on our site, will help the drive belt if slipping and will help prevent cracking and splitting of the drive belt.

c) If slipping of the drive belt persists after following these steps, the drive belt must be replaced. We sell most styles of drive belts. The information printed on the drive belt will usually be all we need to provide a quote.

d) An overtightened drive belt can raise the amp draw of your treadmill, contribute to bearing failure in the motor or rollers, or both, so do not overtighten the drive belt.

3) The pulley on the front roller may have lost its grip on the front roller.

a) With the treadmill off, put a small piece of colored tape on an area of the pulley that you can see and put a corresponding piece on the roller tube. You can also use a colored, permanent marker like a Sharpie and draw a line from the pulley to the metal roller tube. Turn the treadmill on and while being careful, test to see what happens when the belt slips. If the drive belt and pulley continue to turn and the walking belt and front roller stop, the pulley has lost its grip on the front roller. If you couldn't see the pulley slip, compare the tape or the line. If the portions of the tape or colored line are still aligned, the pulley did not slip. Misalignment of the line or tape shows that the pulley and roller tube are not turning together and a failure of the pulley mount. This can be repaired or you can replace the roller. To repair, click on the following link and visit the help topic labeled front roller pulley repair. <http://www.treadmilldoctor.com/Troubleshooting>

b) On DP, Roadmaster, and Vitamaster treadmills, we will need a physical measurement of the roller. On all other makes and models, please provide us with the manufacturer and model number for a quote.

If you have any other questions, or if you feel that you have a problem not listed here, please contact us via e-mail at doc@treadmilldoctor.com.

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