

6. Count the number of belt revolutions in 2 minutes. This should be 175 ± 3 revolutions for ClubTrack 510 models and 161 ± 3 revolutions for ClubTrack 612 models.
 - If any of the measurements are not accurate, refer to *Replacing the Tensioner* and/or *Adjusting the Walk Belt* in this chapter.
7. Ensure that the speed will traverse from minimum to maximum and back.

Walk Belt Test Procedure

1. With the walk belt speed at minimum, walk on the treadmill.
2. Grasp the handrail and resist the motion of the walk belt. If slippage is detected, determine if the walk belt or poly-V drive belt is the cause. Correct as necessary.
3. Stop the walk belt.

Shut Down the Treadmill

Turn off the circuit breaker, disconnect the power cord from the outlet, and place the treadmill back in service.

Replacing the Poly-V Drive Belt

1. Remove the hood as previously described.

Caution



The drive belt tensioner is spring loaded. Do not let it snap closed after removing the drive belt.

2. Loosen the belt tensioner by turning the -inch mounting bolt counter-clockwise, then pivot the tensioner away from the belt.
3. Remove the drive belt from the drive motor pulley.
4. Use a 13mm socket wrench to remove the end cap from each siderail.
5. Use a 13mm wrench to remove the four 2mm hex bolts that hold the two front-roller retainers to the frame. There are two bolts on each side of the roller assembly.
6. Slide the drive roller assembly to the left and remove the poly-V belt from the right side of the roller.

7. Replace with a new belt, then remount the front drive roller assembly. (When replacing the poly-V belt, be sure the belt is centered on the pulleys.)

Installing the Front Shaft Retainer

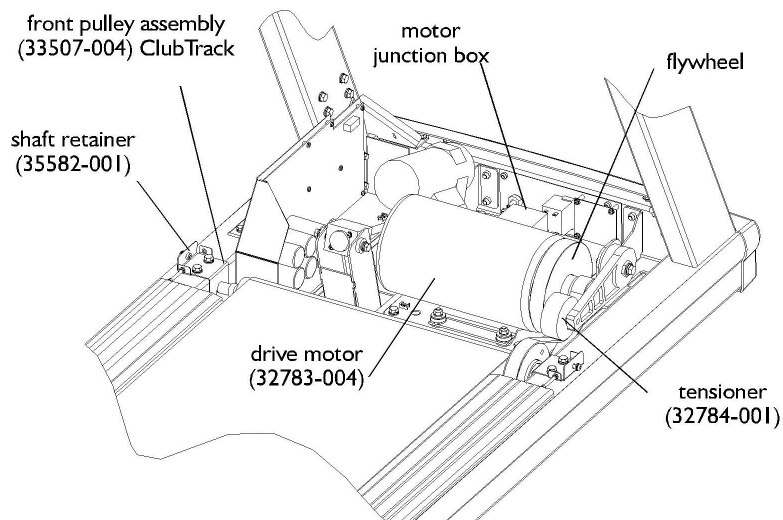
1. Install retainer. Be sure to center the shaft such that the retainer engages the grooves provided.
2. Assemble the treadmill following Steps 1-6 above in reverse order.
3. Tension the drive belt as described in Replacing the Tensioner.
4. Set the walk belt tension and tracking.

Field Functional Test

To verify that the treadmill is operating properly, perform Field Test No. 3. See Appendix D, Field Functional Tests, for specific instructions.

Replacing the Drive Motor

Replace the drive motor when the motor is inoperative: see Drive Motor flow chart in Chapter 3, *Troubleshooting*.



1. Turn off the treadmill circuit breaker and remove the power cord from the power outlet.
2. Remove the treadmill hood as previously described.
3. Release the drive belt tensioner and remove the poly-V belt from the motor drive pulley as previously described.
4. Cut the wire ties that hold the drive motor cable to the headframe and disconnect the motor cable at the VSD board.