


Effective Date: 7/23/2010	 Service Bulletin	Revision 001
Warranty: Depends on Install Date	Replacing a Drive Belt on a Horizon Treadmill	Revised Date:
Time Required: 1 hour	Serial Numbers Affected: All	Prepared by: Kevin Oeltjenbruns

DESCRIPTION

Some customers have become confused while installing a new drive belt in Horizon Treadmills.

SOLUTION

Create this instruction detailing how to install the drive belt.

PARTS REQUIRED

Drive Belt – Part # varies depending on the model

TOOLS REQUIRED

Phillips Screwdriver

Flat Screwdriver

6mm Allen Wrench

10mm and 13mm Open Ended Wrenches or Sockets

Tape Measure

PROCEDURE

1. Unplug the power cord from the wall outlet.
2. Remove the screws holding the motor cover to the frame using a Phillips Screwdriver (Figure A). The motor cover will typically be held on by 2-4 screws. The motor cover can now be removed (Figure B).



Figure A

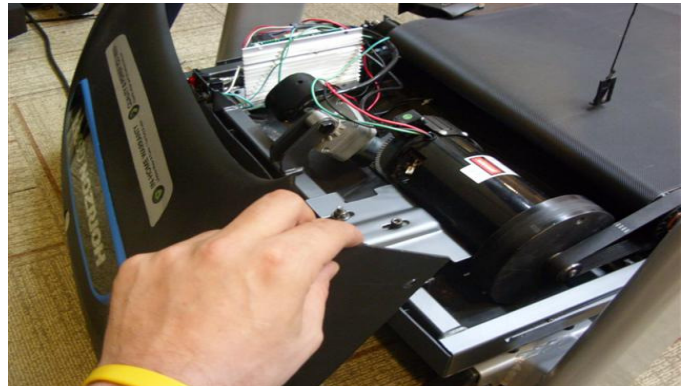



Figure B

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- Use a 6mm Allen Wrench to loosen the running belt tension. To do so, rotate the rear roller bolts counter clockwise (Figures C & D). **NOTE:** If the bolts are loosened the same amount of rotations, it will make it much easier to re-tension the running belt (for example, 8 rotations on each side).



Figure C



Figure D

- Use 10 and 13mm open ended wrenches or sockets and a 6mm Allen Wrench to loosen the screws / nuts holding the motor bracket tightly to the frame (Figures E, F, & G). **NOTE:** The placement of the motor bracket screws / nuts may vary slightly depending on the model. This will allow the motor to be slid toward the rear of the unit and removes some of the tension on the drive belt (Figure H).

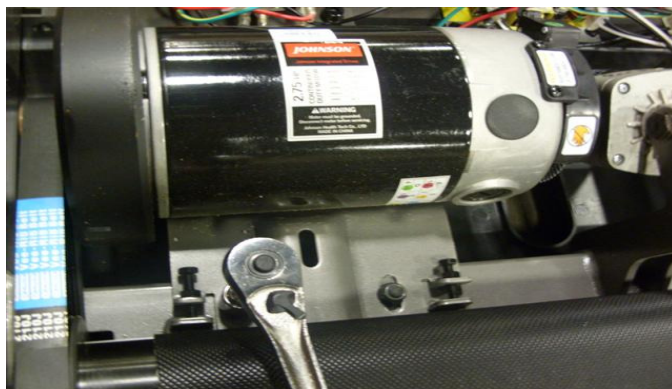
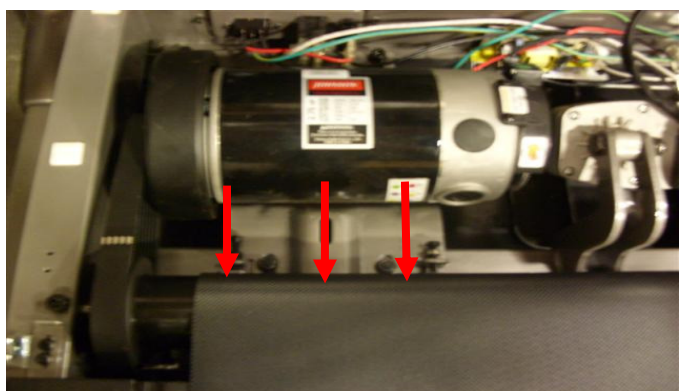
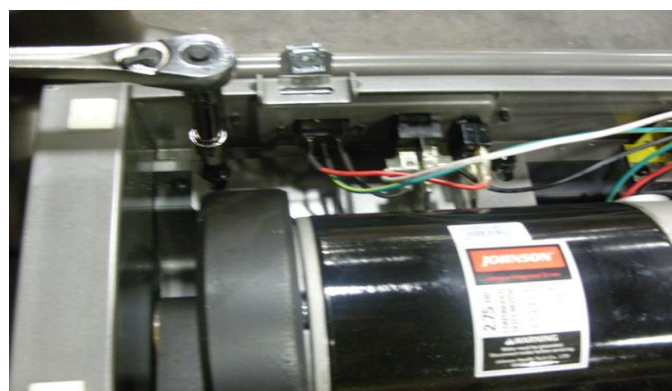



Figure E



Figure F



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- Use a 6mm Allen Wrench and a 13mm open ended wrench to remove the front roller screws (Figures I & J).

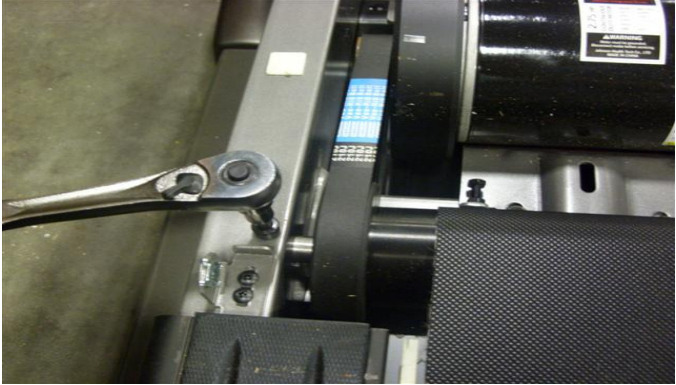


Figure I

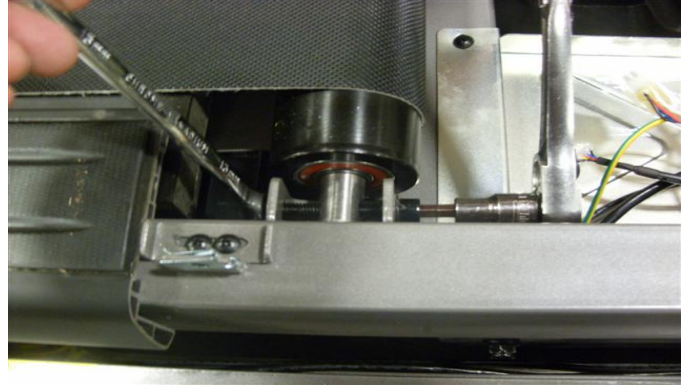


Figure J

- Use a flat screwdriver to remove the drive belt from the roller and motor pulleys (Figure K).

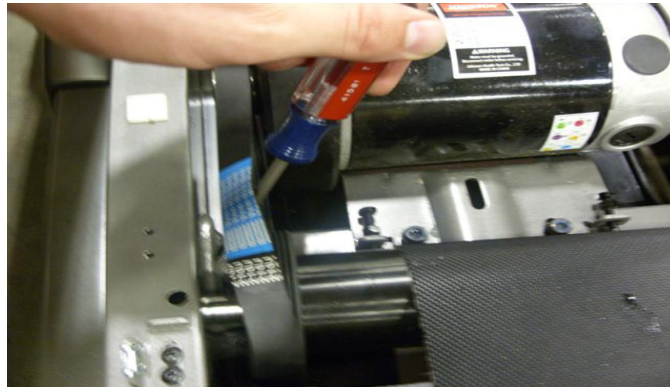
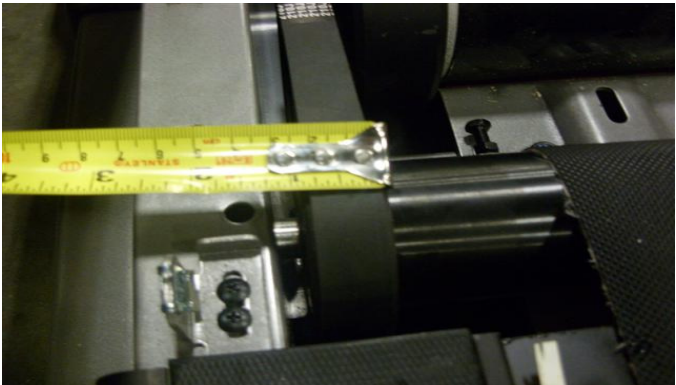



Figure K

- Install the new drive belt onto the roller and motor pulleys. The drive belt should have all ribs engaged by both pulleys. Use a tape measure to ensure that the belt has a straight travel path parallel to the frame (Figures L & M). Rotate the drive belt at least 3 full revolutions prior to moving on to Step 8 to ensure that the belt does not move to either side.



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8. Re-install the front roller screws removed in Step 5.
9. Push the motor towards the front of the unit so that tension is returned to the drive belt (with the correct tension, the belt should only be able to be twisted about 45 degrees) (Figure N). Re-tighten the nuts and screws loosened in Step 4.

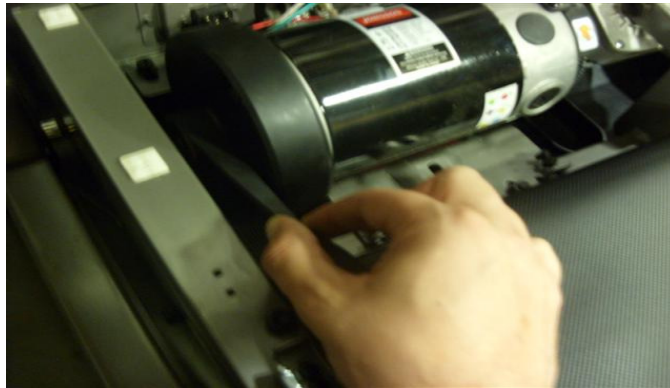


Figure N

10. Re-tension the running belt by turning the rear roller screws clockwise. Tighten the screws the same amount as they were loosened in Step 3.
11. Re-install the motor cover and motor cover screws.
12. Plug in the treadmill and test it for function. Pay special attention to the running belt to ensure that the belt does not track to one side or the other and is not too loose or tight. If the running belt is tracking to either side, adjust the rear roller screws by ¼ turn until the belt is tracking straight.