



## Maintenance Tip

# Running Belt Tensioning and Tracking

**Applies to models: 4500, 4000, 3900, 4200, 5500, 5600, 6500, 6600, 7500, 7600 and 7700**

Proper running belt tension and tracking are important to maintain the performance and life of the belt. Star Trac recommends following this tensioning and tracking procedure whenever the running belt or deck are replaced or as needed.

### Time Required

- 10 minutes

### Parts Required

- Masking tape
- Ruler or tape measurer
- Pen or pencil

### Tools Required

- 1/4" Allen wrench

Frequency	Recommended Preventative Maintenance
After 1,000 Miles (1,600 Km) OR 1 Month Whichever comes first.	Clean Deck with dry cloth and Retighten Belt using procedure below.
After: 6,000 Miles (10,000 Km) OR 6 Months 12,000 Miles (20,000 Km) OR 12 Months 18,000 Miles (30,000 Km) OR 18 Months 24,000 Miles (40,000 Km) OR 24 Months 30,000 Miles (50,000 Km) OR 30 Months Whichever come first.	Clean Deck with dry cloth. Clean between belt and deck with towel while treadmill is running. If rollers have dirt build-up, scrape off with credit card, plastic putty knife or similar non-scratching instrument (Do not use metal against rollers). Retighten Belt using procedure below.

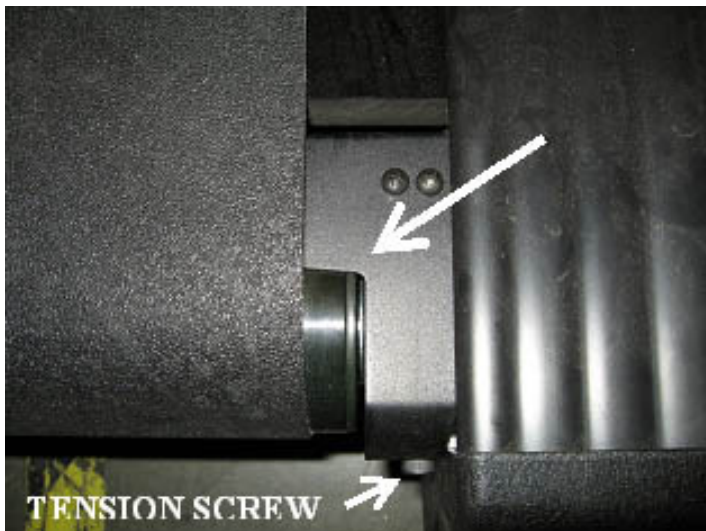


Fig 1

### Step 1

Release tension of running belt by unscrewing the tension screws until the roller touches the finger-guard. The belt should be completely relaxed. *(Note: This applies to both left & right finger-guards.)*

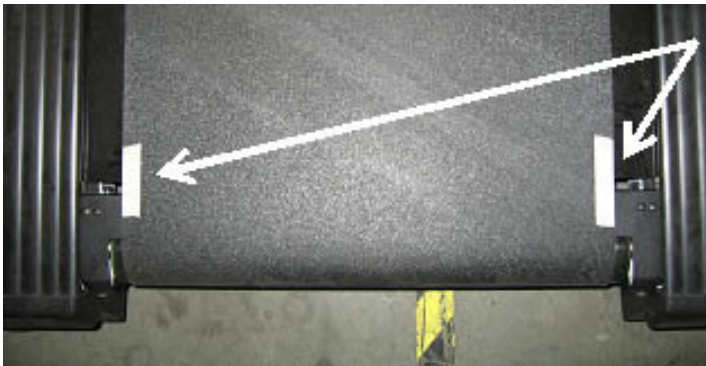


Fig 2

### Step 2

Apply a piece of masking tape on the edge of the running belt on both sides.

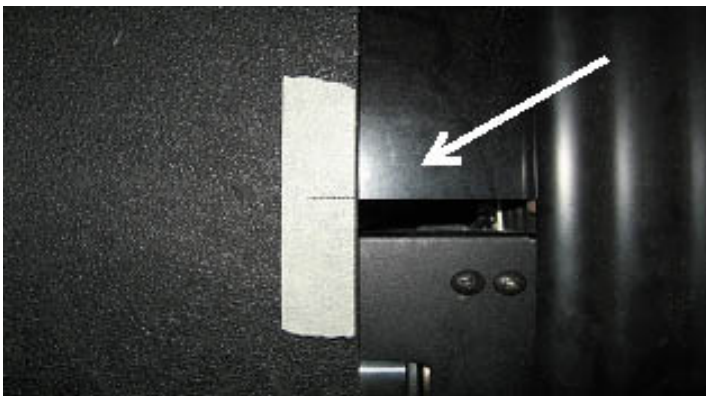


Fig 3

### Step 3

Draw a line on each piece of masking tape aligned with the edge of the deck. *(Note: Be careful not to move the belt or roller while drawing the lines.)*

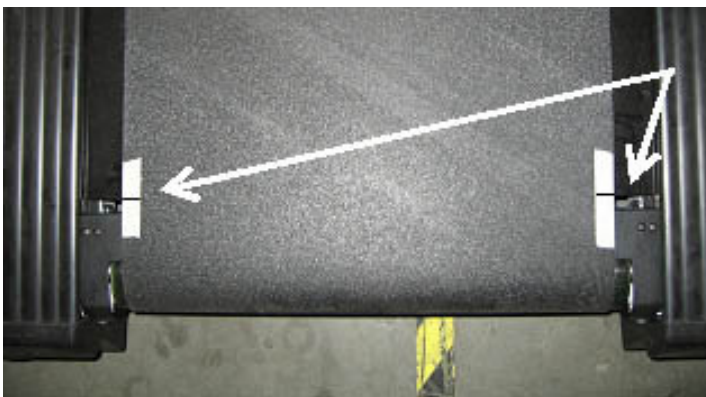


Fig 4

Check to make sure that both lines are aligned with the edge of the deck at the same point. (See Fig 4)

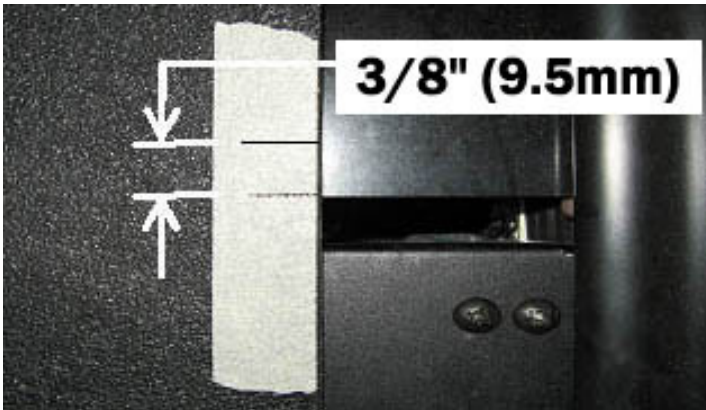


Fig 5

## Step 4

Using a ruler or tape measure, draw a line on each piece of tape parallel to each first line at a distance of 3/8" (9.5mm) from each first line. (See Fig 5)

## Step 5

You are now ready to begin tensioning the belt. Before beginning, make sure the line on each piece of tape closest to the tail roller is aligned with the edge of the deck on each side. (See Fig 5)

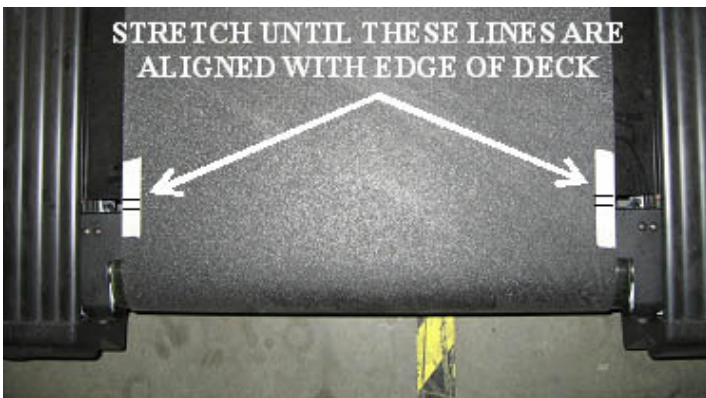


Fig 6

## Step 6

Using the 1/4" Allen wrench begin tightening the tensioning screws (see Fig 1). You will tighten (or stretch) the run belt until the forward lines on the tape are aligned with the edge of the deck.

**Be careful to ensure the Tail Roller does not turn while you are stretching the belt. If the Tail Roller turns while you are stretching the belt, start the procedure over. If the Tail Roller turns while stretching the belt you will not obtain proper tension.**

When finished, remove the tape from the running belt.

## RUNNING BELT ALIGNMENT

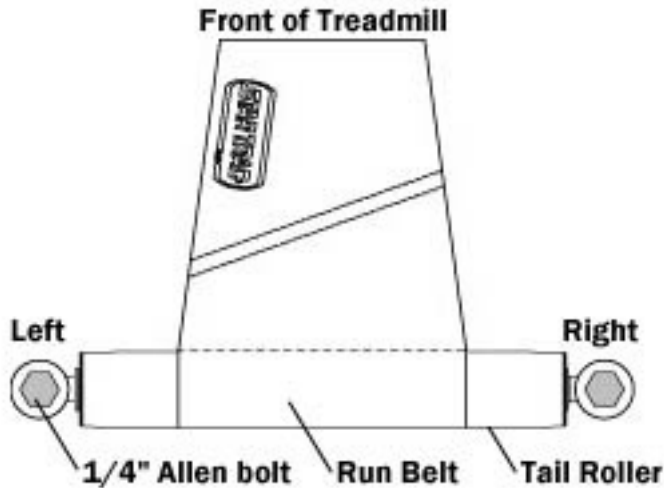
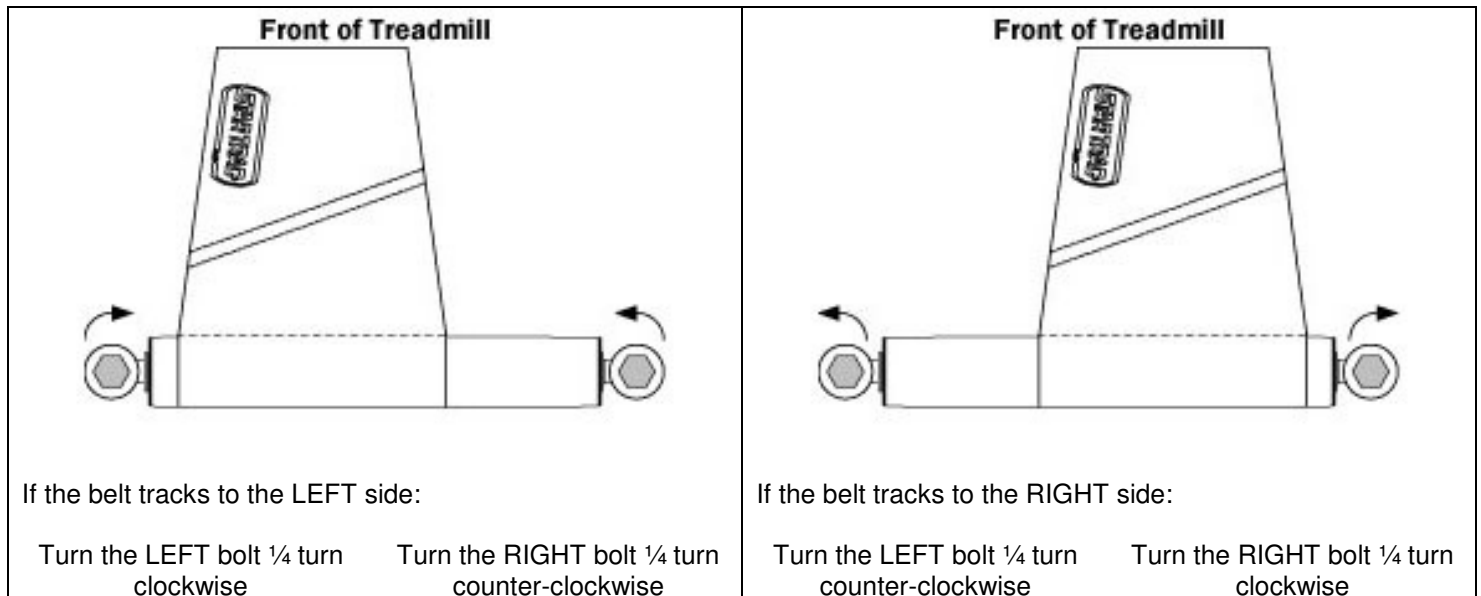


Fig 7

### Step 1

Start the treadmill and set the speed to 3.0 mph (5.0 kph). Make sure the running belt tracks to the center (see Fig 7).

If the running belt shifts or tracks to either side (left or right), follow the appropriate procedure below.



**Repeat above steps until the running belt tracks in the center**

Note that the above drawings are not to scale and have been exaggerated to better show an offset tracking.

**If you have any questions or concerns STOP and contact Star Trac immediately!**

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