

Turntide Technologies

Belt Tensioning Chart



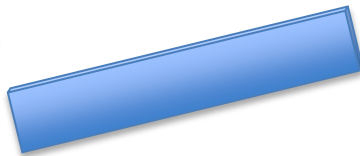
To properly use this document, the technician will need a belt tensioning tool that utilizes a spring depressor that reads in pounds and fractions of an inch. Do not attempt to tension the belt without the proper testing tools. Failure to properly tension the belt may cause bearing failure or permanent damage to the motor.

Tools Required:

Belt Tension Tester



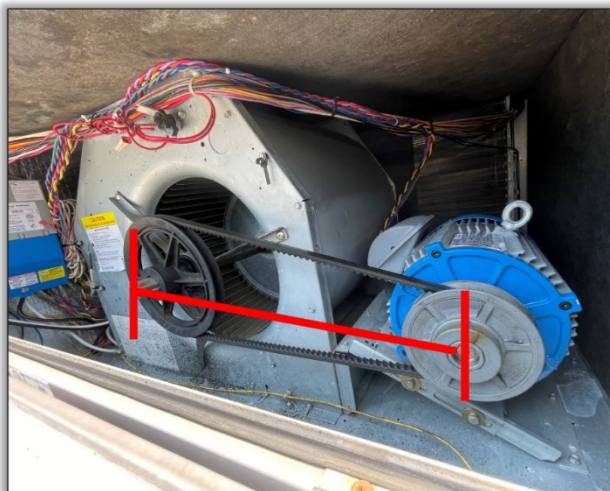
Straight Edge



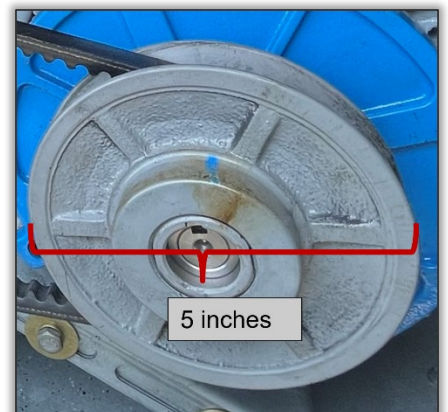
Basic Hand tools
and Wrenches



- 1. First: Measure the distance from center shaft of the motor to the center shaft of the blower wheel.**

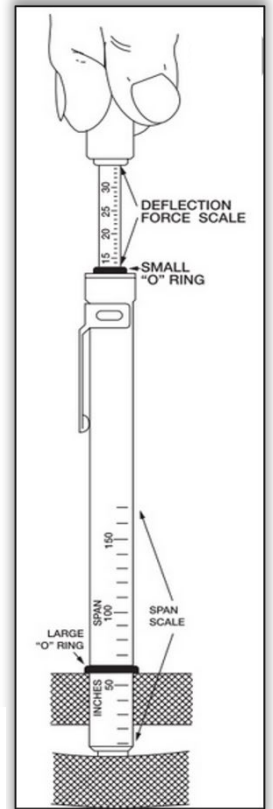
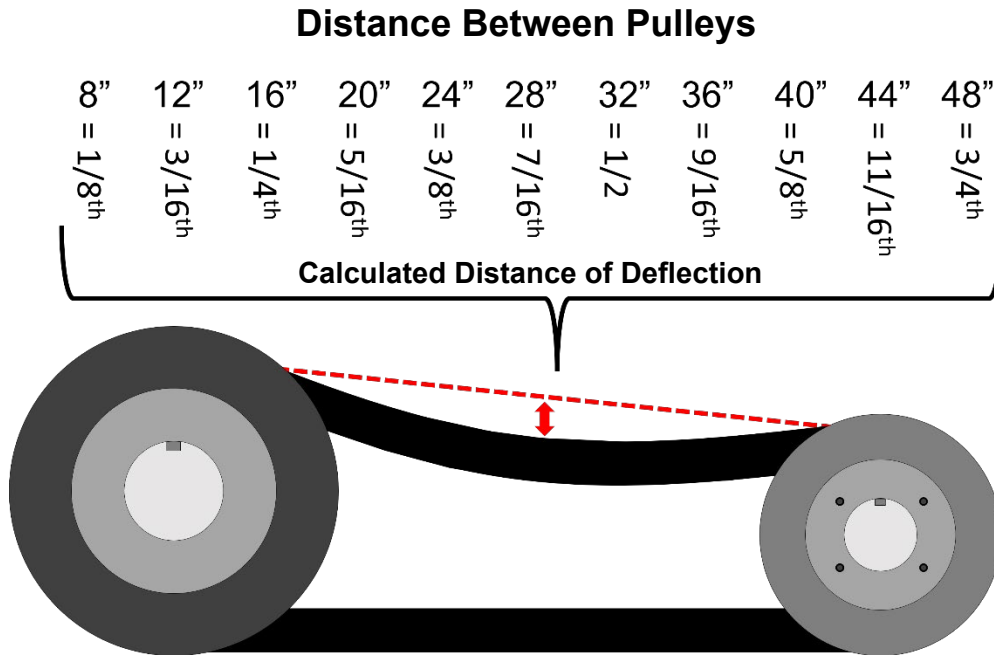


- Next: Measure the small pulley diameter**



2.

The distance between the center shafts in inches. Round to the closest distance provided. If evenly divided round down.

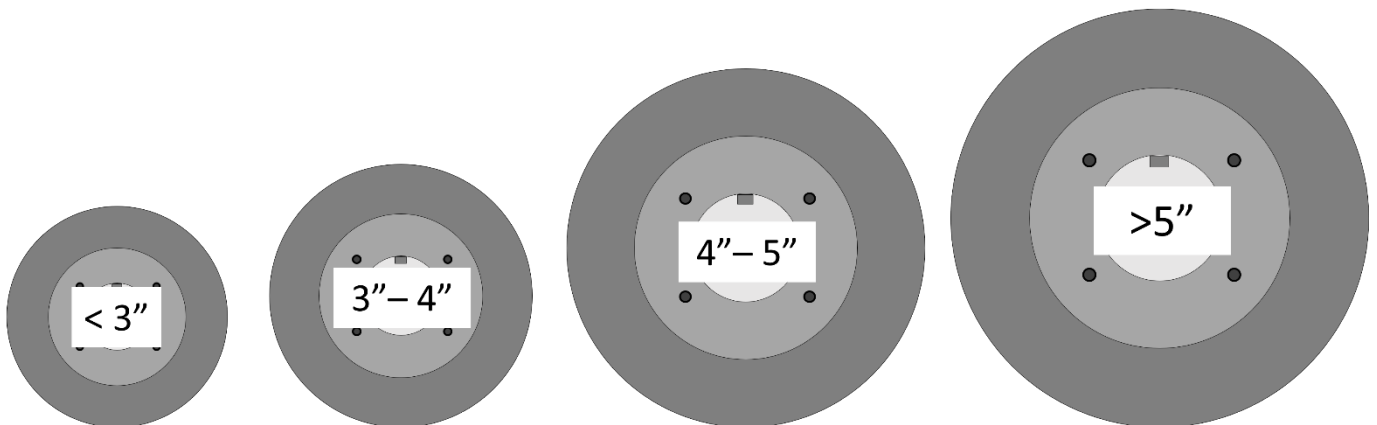


Note:

- A straight edge will be required to measure the belt deflection.
- Belts will loosen after running and warming up, final adjustments should be made after 10 minutes of run time.

3.

The Diameter of the smaller pulley determines the applied pressure to the belt. Select your diameter size to find the pressure range to use.



A	3.5 lbs	4.0 lbs	5.0 lbs	6.0 lbs
AX	5.0 lbs	5.5 lbs	6.0 lbs	7.0 lbs
B	7.0 lbs	8.5 lbs	9.0 lbs	10.0 lbs
BX	8.0 lbs	9.0 lbs	10.0 lbs	11.0 lbs