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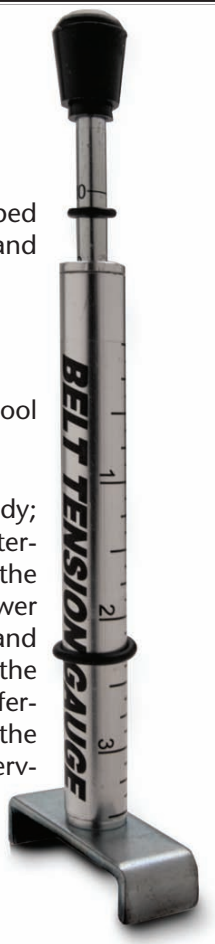
Instruction Sheet For Tool No. 923

Belt Tension Gauge by Motion Pro



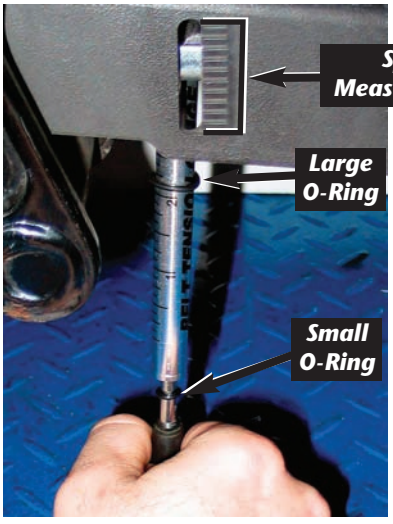
NOTE: Belt Tension Gauge must remain at a 90˚ angle to get an accurate reading.

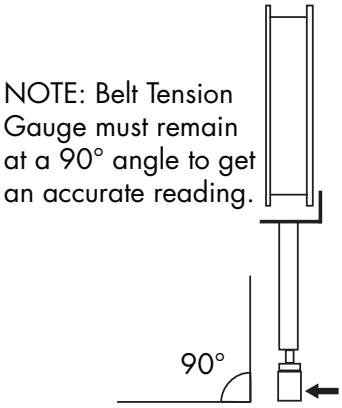
This tool is designed for use as an aid in properly adjusting belt tension on most motorcycles equipped with a secondary drive belt; always refer to your service manual for the location to check your belt and proper belt tension specification.

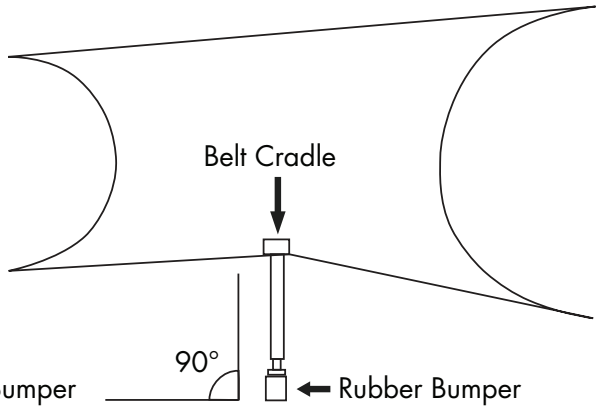
1. Position the small O-ring on the tool directly over the 10 lbs. mark on the shaft.

2. Position the U-shaped belt cradle against the lower bottom strand of the belt, making sure the tool is perpendicular to the belt.

3. Push upward on the rubber bumper until the small O-ring just touches the bottom of the tool body; this means 10 lbs. has been applied to the belt. If your model does not have a method of determining the amount of belt deflection you can use the large O-ring, and graduated scale, on the body to calculate the amount of belt deflection. With the U-shaped belt cradle against the lower bottom strand of the belt find a reference point on the bike to align the large O-ring with, and record the reading on the graduated scale. After pushing upward on the rubber bumper until the small O-ring just touches the bottom of the tool body align the large O-ring with the same reference point on the bike and record the reading on the graduated scale. The difference between the initial reading and the final reading is the belt deflection at 10 lbs. force. Always refer to the service manual for specifications for the model being serviced.







Photo's and illustration from
http://www.motionpro.com/motorcycle/articles/view/545/belt_tension_gauge__08-0350/

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