

How To Use The KriKit Tension Gauge

The Krikit I and Krikit II belt tension gauges have brightly colored pressure pads and indicator arms calibrated to measure V-belts, Polyflex and Micro~V belt tensions from 30~150 pounds/in. (14-68 Kg/in.) Krikit I and 100-300 pounds/in. (45-136 Kg/in.) Krikit II. NOTE: There is no flange on the bottom of a Krikit to align the gauge parallel to the edge of the belt. **Place the gauge in the center of the belt and align the sides of the gauge parallel to the edges of the belt.** Belt tension accuracy is dependent on this procedure. There are two ways to hold a Krikit tension gauge so you will be sure to push on the pad only. See Fig. 1 and 2.

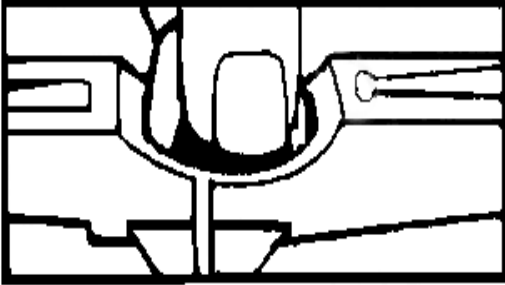


Fig. 1



Fig. 2

Place the appropriate Krikit for the tension range to be measured on the center of the belt to be measured so the sides of the gauge are parallel to the edges of the belt. . .and mid-way between any two pulleys. See Fig. 3.

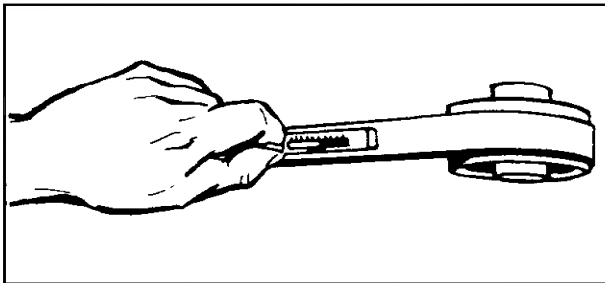


Fig. 3

Push slowly on the colored pad to get an accurate reading. When you feel and hear the 'CLICK', immediately stop pressing and remove the gauge carefully so as not to move the indicator arm. See Fig. 4.

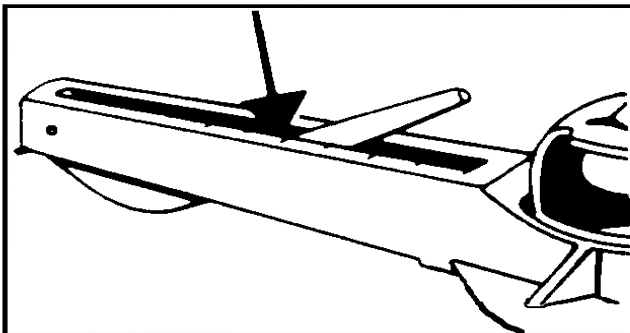


Fig. 4 shows how to read the Krikit tension gauge accurately.

- a. Turn the gauge sideways to see the exact spot where the top of the indicator arm intersects the scale.
- b. Mark this spot with thumbnail and turn gauge to read the scale accurately.
- c. It is recommended that more than one tension reading be taken to assure repeatable measurements.
- d. Increase or decrease the belt tension until you are within the desired tension range.

Belt Tension Chart		
Description	Initial Installation	Re-Tension Value After 5 Minute Run-In
No. of Ribs	Lbs.	Lbs.
3 Ribs K	132	110
4 Ribs K	140	120
5 Ribs K	175	150
6 Ribs K	210	180
7 Ribs K	245	210
8 Ribs K	280	240
10 Ribs K	350	300
12 Ribs K	385	330
14 Ribs K	410	350
Lbs. Per Rib		
K Section	35	30
L Section	45	40
8/32" – 6AV	90	70
10/32" – 8AV	90	70
13/32" – 10AV	140	110
15/32" – 11AV	140	110
17/32" – 13AV	140	110
22/31" – 15AV	140	110
24/32" – 17AV	140	110
28/32" – 20AV	140	110
32/32" – 23AV	140	110

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