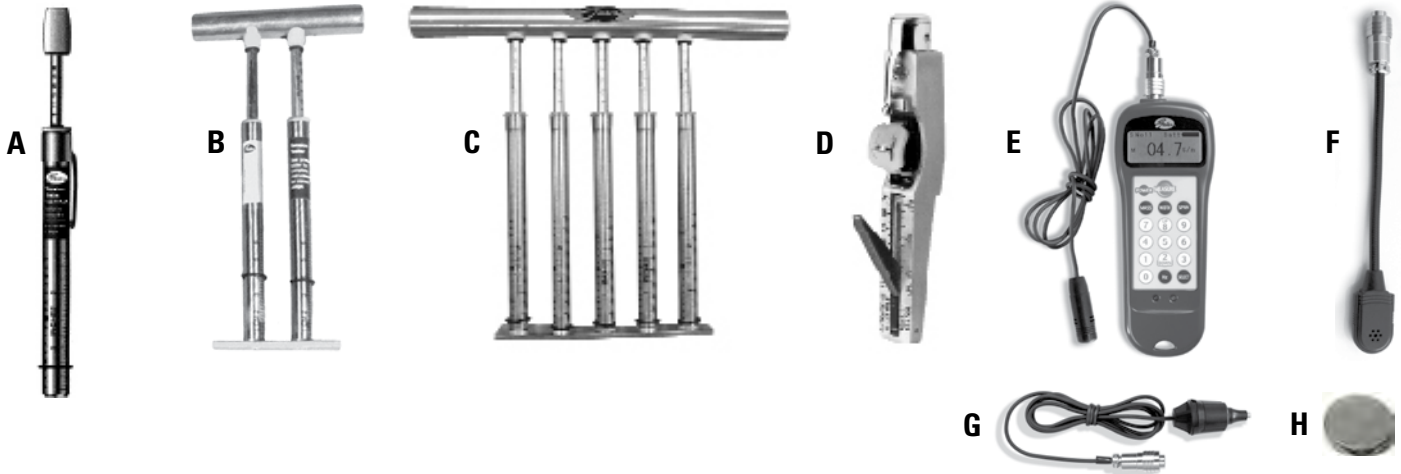


MAINTENANCE TOOLS



Belt Tension Testers

Improper belt tension, either too high or too low, can cause belt drive problems. An “experienced” thumb may be okay for ordinary drives, but for critical drives, Gates recommends using a tension gauge. Proper tension and installation can extend belt life and reduce costly downtime.

Several types of tension gauges are available.

A. Tension Tester

(Product No. 7401-0076)

Maximum deflection force: 30 lbs. For use with all small V-belt and Synchronous drives, including PowerBand® and Poly Chain® GT® Carbon™ belt drives.

B. Double Barrel Tension Tester

(Product No. 7401-0075)

Maximum deflection force: 66 lbs. For use with all multiple V-belt and large Synchronous drives, including PowerBand® and Poly Chain® GT® Carbon™ belt drives.

C. 5-Barrel Tension Tester

(Product No. 7401-0079)
Maximum deflection force: 165 lbs. for use with multiple V-belt and large Synchronous drives.

D. Kriket Gauge

(Product No. 7401-0071)

For use with Automotive V-belts up to and including 7/8" top width.

Kriket II

(Product No. 7401-0072)

For use with Automotive V-ribbed belts up to 8 ribs in width.

E. Sonic Tension Meter

Model 507C

(Product No. 7420-0507)

For extremely accurate belt tension measuring, the Gates Sonic Tension Meter is an electronic device that measures the natural frequency of a free stationary belt span and instantly computes the static belt tension based upon the belt span length, belt width and belt type.

Features:

- Can be used for synchronous and V-belts.
- Uses sound waves instead of force/deflection.
- Results are repeatable with any operator.
- Portable, lightweight and easy to use.
- Fast. Calculates tension in seconds.
- Can be used in almost any environment.
- Model 507C runs on two AAA batteries.



Accessories:

F. Flexible Sensor

(Product No. 7420-0204)

G. Optional Inductive Sensor

(Product No. 7420-0212)

H. Replacement Magnets

for Inductive Sensor

(Prod. No. 7420-1212, set of 10)

I. EZ Align® Laser Alignment Tool

(Product No. 7420-1000

- Red Laser)

(Product No. 7420-3000

- Green Laser)

- Compact design
- Laser projects a line
- Mirror reflects laser line, making it easy to align shafts
- Laser line is very easy to read on targets
- Includes a hard foam filled plastic carrying case
- Green laser is ideal for outdoor or bright environment use.