BELT TENSION GAUGE

OPERATOR'S MANUAL

Get to Know Your Belt Tension Gauge

The ARES Belt Tension Gauge is designed to work on most motorcycles, cars and light trucks with a secondary drive belt and a 10lb specification, so no matter what kind of tension you need for your vehicle, this gauge will help you easily and accurately mea-sure belt tension so you can know it's right. The universal pad will hold the belt in place while you adjust the tension, and the clear and easy-to-read markings will take the guesswork out of adjustments, so you'll never have to worry about inaccuracy that can lead to shortened belt life.

NEED HELP?

(800) 340-1442

www.arestool.com

customerservice@arestool.com

Don't forget to register your product!

Before You Begin:

Read these instructions carefully before using this Belt Tension Gauge.

1. In addition to your Belt Tension Gauge, you will also need a straight edge, your vehicle specifications, and a calculator.
2. Check your belt tension specifications in your vehicle manual to determine the correct tension settings and any special instructions that might be needed for your particular make and model
3. Look for the specific force, N or newtons and the deflection measurement, which is normally listed in 'mm' or 'inches' listed in your manual.

Find the Incremental Distance Used to Measure Deflection:

Read these instructions carefully before using your Belt Tension Gauge.

1. Measure the distance from the center of the first pulley to the center of the second pulley; in most cases, for every inch of belt distance between the two pulleys you will need 1/64" deflection (verify this in your service manual)
2. Once you measure the distance between the two pulley's center points, take that number and multiply it by 1/64" (if you have 9 inches of distance 1/64 x 9 = 9/64; verify the 1/64" deflection spec in your manual)
3. Once you have that number, reduce the fraction. In most cases you will see a number around 1/8"; that's the incremental distance used to measure deflection.

Set Up Your Belt Tension Gauge:

Read these instructions carefully before using your Belt Tension Gauge.

1. The top 'O-ring' on the tool indicates the amount of force; make sure it's pushed all the way to the top of the red body (this tool provides a 10lb force specification).
2. Using a straight edge, find a place in the engine bay near the pulleys/belt to use as reference point for the straight edge to rest on.
3. Push the black o-ring on the body of the tool down so that it's flush with the straight edge. The large o-ring on the body of the tool should rest on the straight edge.

Use Your Belt Tension Gauge:

Read these instructions carefully before using your Belt Tension Gauge.

1. When you have the tool set up on the belt, push down. The belt slack will cause the tool to move, and the straight edge will force the o-ring on the red body of the tool to change position. Keep pressing down until the black o-ring at the top of the tool is moved up to the handle.
2. The distance of the change in position of the o-ring on the red body of the tool is the belt deflection at the 10lb specification.
3. That deflection number will tell you if you need to tighten your belt.
4. Use the deflection number to tighten your belt to appropriate specification called out in your vehicle manual.

Maintenance:

1. Wipe with a clean, dry cloth after each use.
2. Cover with a cloth and store in a safe, dry place to maintain best condition of the tool.

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You are backed by the ARES Tool Performance Assurance!

ARES TOOL warrants this product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provide that product is returned immediately after discovery of defect. This warranty shall be valid only when proof of purchase (receipt) showing the date of purchase accompanies the defective product.

Exclusions:
These warranties exclude blades, bits, punches, dies, bulbs, fuses, batteries, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which is subject to misuse, neglect, accident, or wear/tear incident to normal use and service.