

Installation Instructions for 81670 Durometer Gauge

Durometers measure the relative hardness of the rubber on your tires. You must apply equal pressure to the Durometer each time you take a reading. If you press the Durometer down very hard one time and then very soft the next your results will vary due to the uneven hand pressure.

You must also take a measurement quickly and be consistent when taking readings. If you place the Durometer on your tire and leave it in the same spot for several seconds the rubber will deform, giving you a false reading.

For the best results you should take your Durometer readings as quickly as possible. Simply place the Durometer on the tire surface with the footpad at a slight angle. Lightly roll the footpad until it is flat on the tire, take your reading and record the measurement.

For accurate results you must also consider the temperature of the tire. Hot tires will be softer than cool tires. For example, if you take a reading on a tire that is in the hot sun your Durometer reading will be softer than an equal compound tire that is in the shade. A Pyrometer is recommended for accurate results.



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