

Tire & Tread depth gauge



Tire & Tread depth gauge instructions.

Remove battery tab before 1st use. Pull tab to remove, gauge is now ready for use.

Measuring Tire pressure

1. Press the "ON" button to activate. If last measurement was tread depth press ON button to change to Tire pressure mode
2. To change measuring units press and hold ON button for 2 seconds until an icon blinks, press the "ON" button sequentially until the required icon blinks then release button to capture. Units are set when icon stops blinking.
3. Align the nozzle of the Tire gauge with the valve stem on your Tire
4. Apply sufficient force to engage the nozzle with stem, while maintaining a proper pressure seal. As you engage the Tire gauge to the valve stem a sudden surge of air will create a crisp sound
5. Carefully listen for any leaks, and press firmly on the valve stem to obtain a good seal
6. Hold the Tire gauge on the valve stem until a reading appears on the display and locks. The gauge will shut off automatically

NOTE. Gauge also can be activated for tire pressure measurement only, by directly pressing gauge nozzle on the Tire pressure valve. After gauge is activated follow points 4-6 above



Tread Depth Measurement

- 1/ Press the ON button to activate**
- 2/ If the last measurement was Tire pressure press the ON button to change to tread depth mode**
- 3/ To change units press and hold the ON button for 2 seconds until an icon blinks. Press the ON button again sequentially until the required icon blinks then release button to capture. Units are set when icon stops blinking**
- 4/ Hold the gauge against the tread to be measured, and push the slider into the grooved section of the Tire while resting the base section of the gauge housing on the top of the Tire tread until it meets resistance, and then the tread depth reading is displayed.**

Check your tire gauge once a week, the battery life is about 3 years based on 4 operations per day and 60 seconds each time.

Tread depth specification:

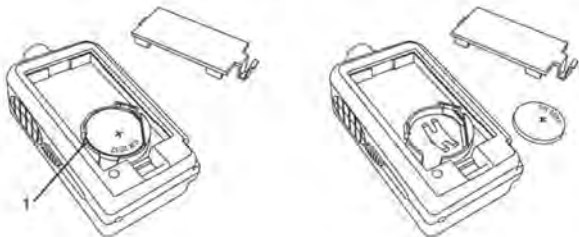
- a) Depth $< 4/32$ inch or 1.6 mm, the colour bar is red
 - b) $1.6 \text{ mm or } 4/32 \text{ inch} \leq \text{Depth} < 5/32 \text{ inch or } 3.2 \text{ mm}$, the colour bar is yellow
 - c) Depth $\geq 5/32$ inch or 3.2 mm the colour bar is green
- 5/ Remove the gauge from the Tire; the gauge LCD display reading will decrease if the user pushes the slider indicator up towards the top
- 6/ If no additional reading is made, the unit will automatically turn off after a 10 second time out period

NOTE: The above information pertains to passenger car tires for snow tires, the minimum safe tread depth is $6/32$ " or 4.8mm



Replacing the battery:

To replace the battery open the battery cover on back of unit and remove the old battery, insert one new CR 2032 battery, ensuring correct polarity. Replace the battery cover. Use only fresh battery.



Advice

Always follow the Tire manufacturers' pressure ratings which are based on "cool" Tire temperatures

Use a soft damp cloth to clean your gauge. Do not use any liquids or cleansers

Use a Tire gauge every four weeks and top up with a Tire inflator to reduce fuel consumption, increase Tire life and reduce CO2 emissions

Zero set

It is advisable to check the zero set of the gauge from time to time. To check the zero set of the gauge

- 1/ Briefly press the gauge onto the valve stem (it is not necessary for a good seal to be made as only a small amount of air must enter the gauge to zero set the unit)
- 2/ When the display shows "0.0" promptly remove the gauge from the valve stem. The gauge has now been recalibrated and is ready for use

Troubleshooting

If the display is blank:

Make sure that the pressure seal between the Tire gauge and the valve stem is free from leaks

The unit has an unusually high or low reading:

Check to make sure that there are no leaks in the system. Re-zero the unit by taking a reading and allowing the unit to automatically shut off. Then check the air pressure in the Tire

If the display reads "Lo"

The battery is depleted so must be replaced

Specifications:

Tire pressure range: 5-99psi/0.35-6.80 bar/35-680kPa/0.4-7.00 kg/cm

Tire pressure resolution: 0.5 psi/0.05 bar/5kPa/0.05 kg/cm

Accuracy: +/-1% plus 1 LSD

Tread depth range: 0-19/32 inch / 0-15 mm

Tread depth resolution: 1/32 inch / 0.1 mm

Accuracy: 1/32 inch / +/-0.2mm

Information on Waste Disposal for Consumers of Electrical & Electronic Equipment

This mark on a product and/or accompanying documents indicates that when it is to be disposed of, it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked waste products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. For proper treatment, recovery and recycling; please take all WEEE marked waste to your Local Authority Civic waste site, where it will be accepted free of charge. If all consumers dispose of Waste Electrical & Electronic Equipment correctly, they will be helping to save valuable resources and preventing any potential negative effects upon human health and the environment, of any hazardous materials that the waste may contain.



Please Recycle Your Spent Batteries

Batteries should not be disposed of in unsorted municipal waste, but separately collected to facilitate the correct treatment and recycling of the substances they contain. The recycling of batteries ensures the recovery of these valuable materials and prevents any potentially harmful effects upon both the environment and human health. Please contribute to battery recycling by segregating all spent batteries and actively participating in their collection and recycling. Various battery collection schemes will be in operation in different areas of the country. However, battery collection bins will be available at retail stores that sell batteries as well as at schools, libraries and other public buildings.

Warranty and Service

Measurement Ltd., Inc warrants this gauge against defects in material of workmanship for a period of five (5) years from the date of purchase and agrees to replace it free of charge. This warranty does not cover damage resulting from misuse or abuse of the product. Should your gauge require service, you may send it back to Measurement Ltd., Inc for repair or replacement.

This device complies with Part15 of the FCC Rules. Operation is subject to the following two conditions;
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.



Measurement Ltd., Inc.
www.measurement-ltd.com

Our authorized service center address:
11751 Rock Landing Drive Suite H-7
Newport News, Virginia 23606 U.S.A.
Attn: Customer Service

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