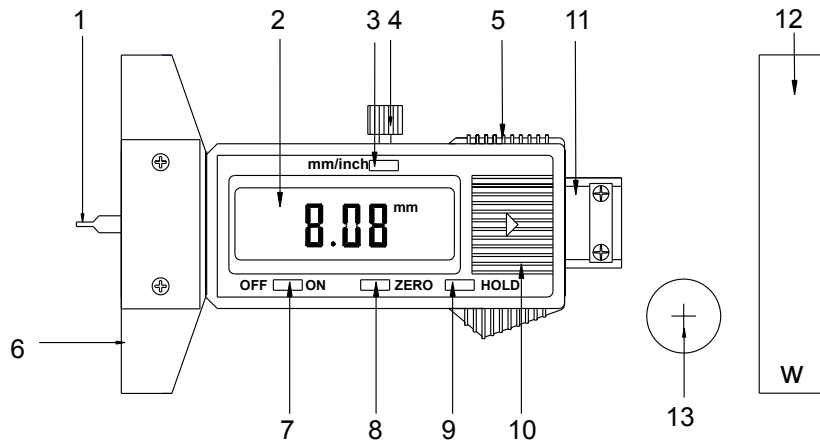




OPERATING INSTRUCTIONS

DIGITAL TYRE DEPTH GAUGE

ALB30658 MOT APPROVED



1. NAME AND FUNCTION OF EACH PART

- 1- Depth measuring probe
- 2- LCD display
- 3- 'mm/inch' button for mm and inch conversion
- 4- Locking screw
- 5- Data output
- 6- Base
- 7- Power 'OFF-ON' button
- 8- 'ZERO' button for setting zero
- 9- 'HOLD' button for holding the reading
- 10- Battery cover
- 11- Beam
- 12- Flat surface for setting zero
- 13- Spare battery

2. PRECAUTIONS

Before using the Tyre Depth Gauge clean the depth measuring probe and base by wiping with a lightly oiled soft cloth. Do not place the gauge near any strong magnetic fields. Always keep the gauge dry and prevent any liquids from entering the gauge to avoid damage to the electronics. Do not apply voltage on the gauge (such as engraving with electric pen). Do not drop or strike the gauge. Do not exert excessive pressure on the tip of the measuring probe as this may cause false or variable readings.

3. BATTERY INSTALLATION / REPLACEMENT

The battery should last for one year of continuous use. If the display is blank or the digits are flashing the battery voltage is too low, replace the battery with a new SR44 power cell. If the digits do not change when buttons are pressed or probe is moved, remove the battery for 1 minute to reset the unit. The battery should be removed if the gauge is not to be used for a long period of time.

4. ZERO SETTING

Prior to operation, perform a zero setting. To do this place the gauge on the flat surface plate marked 'W' and press the probe down until it is level with the base then press the 'ZERO' button, the gauge has been set to zero when the LCD displays '0.00'. Note: After zero setting, the gauge retains this setting until the 'ZERO' button is pressed again or battery is removed.

5. PRODUCT USAGE

Switch on the gauge by pressing the ON/OFF button. Place the gauge across the tyre tread with the probe tip over the tyre groove. Press the probe down until it stops moving then read the display. The pressure exerted by the tip of the measuring probe must be uniform and constant to ensure correct and stable readings. Press 'HOLD' button to hold the reading for recording.

6. SPECIFICATIONS

- Resolution: 0.01mm
- Range: 0-10mm
- Reading accuracy: ± 0.01 mm
- Repeatability: 0.01mm
- Power supply: SR44 battery
- Operating temperature: 0 °C - 40 °C
- Storage temperature: -10 °C - 60 °C

7. CALIBRATION

It is recommended that the Tyre Depth Gauge should be re-calibrated annually by Alba Diagnostics Ltd.

Alba Diagnostics Ltd.

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