

# Westfalia®



## Instruction Sheet

### Tyre Inflator with Pressure Gauge

Article No. 57 04 08

Check the tyre pressure at your car, your motorcycle, truck, racing cycle or mountain bike tyres and fill in air up to the right pressure, if necessary. Depending on the loading, please modulate the tyre pressure.

The optimum air pressure of the car tyre not only provides safe performance and long durability of your tyres – using the right tyre pressure (recommended by the automobile manufacturer) you can save fuel, too.

You will find the details on the comfortable minimum pressure for your tyres in the instruction manual of your vehicle or e. g. at the door pillar or behind the petrol cap.

#### Use

A tyre inflator belongs to compressed-air accessories. An air compressor is the basis for the use of compressed-air accessories and therefore of a tyre inflator.

The compressed-air, to refill the tyre, has to be oil less. Do not connect an oiler ahead of the unit. Best, you use an own compressed-air hose only for working with the tyre inflator, because there may be oil residuals, perhaps.

The tyre inflator accomplishes three functions: 1. Measuring, 2. Filling 3 and Deflation of air.



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## Measuring

1. Put the valve plug (5) on the tyre valve. To do this, please press down the lever to unlock the clamping mechanism. As soon as you let go the lever, the plug clamps at the valve.

Depending on your tyre valve, you can alternatively use the extension (3).

2. Now, you can read the existing pressure from the pressure gauge.

On the outside margin of the scale, you will find the units bar and kPa (1 bar = 100 kPa). At the inner surface of the scale, you will find the information for psi.

## Filling

1. **Connect** the quick connector (1) of the tyre inflator with a **compressed-air line**.
2. Put the valve plug on the tyre valve.
3. Pressing the lever as far as it will go, compressed air flows into the tyre.

Filling in the air, at that moment, the manometer shows a pressure a little bit above the real tyre pressure. Just as you let go the lever, you see the actual tyre pressure on the manometer.

Hint: Increasing the tyre pressure to max. 0.2 bars, you will have a positive effect on fuel consumption.

## Deflation of Air

If the tyre pressure is too high, please press slightly the lever and deflate slowly the compressed air over the control lever. Sink the air pressure to the desired value.

## Cleaning and Maintenance

- Do not allow foreign substances and dirt to enter the compressed-air nozzle.
- Do not expose the manometer to vibrations or mechanical pressure.

## Technical Data

Pressure Range: from 0 to 15 bars

Diameter of Pressure Gauge (2): 10 cm

Tube Length (4): ca. 85 cm

Length of Extension (3): ca. 13 cm