



flat-jack®

/// Owner's manual

Congratulations and thank you for choosing flat-jack®!

flat-jack® avoids flat spots on the tires of your automobile. These flat spots arise through pressure load during long standing times and can therefore badly reduce your driving pleasure. flat-jack® guarantees the perfect adaption to every shape of tire.



flat-jack products GmbH
Innstrasse 8
85640 Putzbrunn
Fon +49 89 454577 - 150
Fax +49 89 454577 - 155
info@flat-jack.de
www.flat-jack.de

/// flat-jack®

flat-jack® retains the actual condition of the tires over long periods of standing still of your automotive treasures. Please read the instructions and safety guidelines of this manual carefully to guarantee safe and secure operation of the flat-jack®.

/// Disclaimer of liability

If the flat-jack® is used differently than described in this instruction manual damage of the product, vehicle or even people may occur. The manufacturer takes no liability for damage arising from incorrect handling.

/// The advantages of flat-jack®

- Complete decoupling from the ground.
- Best thermic insulation by means of air.
- Unique concept with high contact area.
- Effective and even pressure distribution over the whole contact area.
- Reduction and compensation of lateral forces on the entire chassis.
- Simple to use (roll on, roll off).
- By means of air: 100% effectiveness.
- High quality materials.
- High load capacity up to 2,5t per air pillow.
- Can be individually combined.
- One set contains 2 flat-jacks®.
- Light weight (0,6 kg), easy to store.
- Design serves as centering aids.

/// flat-jack is not only an air pillow®



Membrane concept

flat-jack® is constructed double-walled. The inner membranes guarantee optimal density and the outer cover is responsible for longevity and stabilisation of the shape.

Chamber concept

The special inner chamber structure with special partition walls does not only allow an optimal adaption to each tire shape but also distributes the pressure effectively by enlarging the contact area. The uniqueness of flat-jack® also results from reduction and compensation of lateral forces and tensions on the entire chassis.

/// flat-jack® model overview

1 set contains one pair of flat-jack®

- Size S: up to tire width 195mm/7,68 inch
Art Nr.: 426032833001 2
- Size M: up to tire width 255mm/10,04 inch
Art Nr.: 426032833002 9
- Size L: up to tire width 345mm/13,58 inch
Art Nr.: 426032833003 6

/// Getting started

Incorrect handling of this product may result in injury. Check the flat-jack® always before usage. Make sure it is not damaged and that the valves are also correctly functioning. Please read the flat-jack® safety guidelines carefully before use.



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Made in
Germany

Patent
pending


World
novelty



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/// Safety instructions

flat-jack® size has to correspond with tire size.

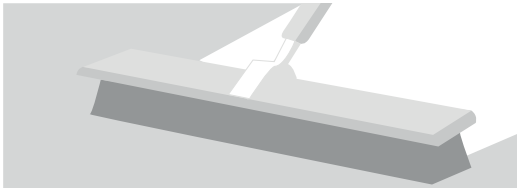
- Size S: up to tire width 195mm/7,68 inch
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Art Nr.: 426032833002 9
- Size L: up to tire width 345mm/13,58 inch
Art Nr.: 426032833003 6
- Before use a clean and level base is necessary.
- Secure the vehicle against rolling away by applying parking brake/placing in gear.
- Never use flat-jack® in duplex garages.
- In inflating manufacturer's instructions must be followed.
- Inflate flat-jack® axle by axle.
- **Operating pressure: 0.4 to 0.8 bar/ 0.6 to 11.60 psi**
- **Maximum pressure: 1.0 bar/14.25 psi** 

Excessive pressure prevents transverse movement of the vehicle and therefore eliminates the advantage of reducing chassis strain.

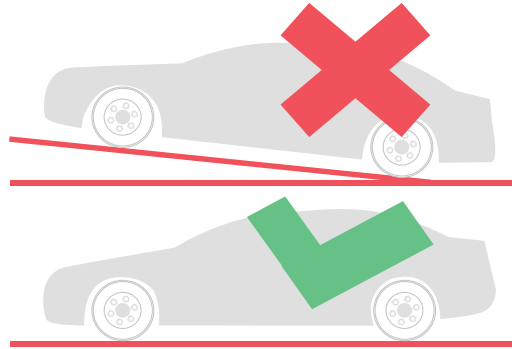
- flat-jack® is not a lifting bag and shall not be used to lift heavy loads other than specified in the flat-jack® manual.
- flat-jack® is not a swimming aid.

/// Use of flat-jack®

- 1 Clear parking space of any stones or sharp objects.



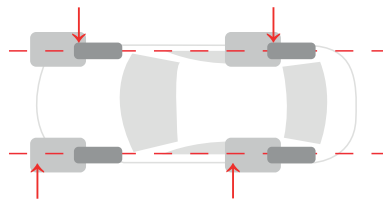
- 2 A level base is necessary. Secure the vehicle against rolling away: Parking brake/ placing in gear.



- 3 Place empty flat-jack® directly to tires. Lay in front or behind all tires.



- 4 Ensure centred tire position. Inflation Valves (•) must be accessible from outside.



- 5 Carefully roll vehicle on to flat-jack®. Centre tires. Apply parking brake. Manual transmission: Engage first gear. Automatic transmission: Select „P“ (park gear).



- 6 Carefully inflate flat-jack® until vehicle hovers above ground using operating pressures given. Check pressure constantly. Inflate axle by axle, never across axle. Operating pressure varies between 0.4 and 0.8 bar according to vehicle weight. Respect maximum pressure of 1.0 bar!



- 7 Mount valve caps.

/// Important instructions

The selected materials for the production of flat-jack® fulfil the highest quality material standards. The construction of a flexible body filled with air is subject to a certain material expansion. As a result there is a minimal loss of pressure after the first inflation with air. Use of the valve caps increases the density. High temperature variation has a negative influence on the density of the valves. For optimal use of flat-jack® it is mandatory to:

- Use the valve caps.
- Check pressure levels after 3 days.
- Additionally check pressure levels at regular periods.
- Avoid temperature variation (use in garages or closed areas is recommended).

/// To empty the flat-jack® at the vehicle

Before emptying the flat-jack® make sure that: There are no people directly in front or behind the vehicle. Parking brake is applied. Manual transmission: first gear is engaged. Automatic transmission: "P" is selected (park gear). Slowly and carefully empty the flat-jack axle by axle, please use valve tool provided.

/// Technical specification

Inside material: PU/PUR membrane
Outside material: PU/PUR braid-reinforced
Valve: German high quality product
Operating pressure: 0.4-0.8 bar/5.8-11.6 psi
Maximum pressure: 1.0 bar/14.5 psi
Maximum load: verified up to 2,5t per tire air pillow
Style of construction: double-walled high frequency welded

/// Storage and cleaning instructions

Store flat-jack® pressure-free in a dry environment. Use solvent-free detergents for cleaning. Our recommendation: Use a moist cloth and dishwashing liquid.

/// Returning the flat-jack®

In case of returning the flat-jack® please use the original packaging material to avoid transport damages. The manufacturer does not take any liability for damages caused during transport due to incorrect packaging.