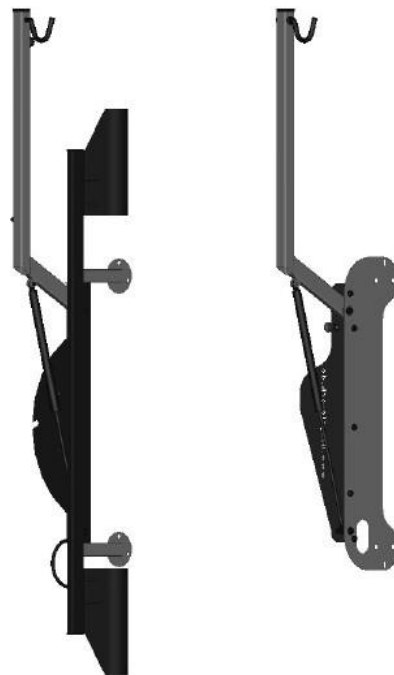




# Bicyclejack Twist / Bicyclejack Basic

## Instructions for use



### Bicycle lift

**IMPORTANT:**

Read these instructions carefully before use and keep them for future reference.

**Manufacturer**

Bicyclejack GmbH

Soltauer Street 1

27243 Harpstedt

Germany

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Internet: [www.bicyclejack.de](http://www.bicyclejack.de) and [www.fahrradlift.de](http://www.fahrradlift.de)



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# 1 Identification

## 1.1 Product data

<b>Product name</b>	Bicyclejack Twist/Bicyclejack Basic
<b>Product type</b>	Bicycle jack
<b>Article number Variant Bicyclejack Twist (for tyre width up to 61 mm)</b>	<p>V90069006450; V90069006600; V90069006700;            V90069006800; V90067016450; V90067016600;            V90067016700; V90067016800; V90066018450;            V90066018600; V90066018700; V90066018800;            V90065012450; V90065012600; V90065012700;            V90065012800; V90169016450; V90169016600;            V90169016700; V90169016800;</p> <p><i>Breakdown using the example V90067016450:</i>            V=galvanised; 9006=RAL9006; 7016=RAL7016;            450=450N            Gas pressure spring (-14kg)</p>
<b>Article number Variant Bicyclejack Twist (for tyre width 62 - 130 mm)</b>	<p>V90069006450B; V90069006600B; V90069006700B;            V90069006800B; V90067016450B; V90067016600B;            V90067016700B; V90067016800B; V90066018450B;            V90066018600B; V90066018700B; V90066018800B;            V90065012450B; V90065012600B; V90065012700B;            V90065012800B;</p> <p><i>Breakdown using the example V90067016450B:</i>            V=galvanised; 9006=RAL9006; 7016=RAL7016;            450=450N            Gas pressure spring (-14kg); B = Wide tyre</p>
<b>Article number Variant Bicyclejack Basic (for tyre width up to 61 mm)</b>	<p>BV90069006450; BV90069006600; BV90069006700;            BV90069006800; BV90067016450; BV90067016600;            BV90067016700; BV90067016800</p> <p><i>Breakdown using the example BV90067016450: B = Basic V=galvanised; 9006=RAL9006; 7016=RAL7016; 450=450N            Gas pressure spring (-14kg);</i></p>
<b>Article number Variant Bicyclejack Basic (for tyre width 62 - 130 mm)</b>	<p>BV90069006450B; BV90069006600B; BV90069006700B;            BV90069006800B; BV90067016450B; BV90067016600B;            BV90067016700B; BV90067016800</p> <p><i>Breakdown using the example BV90067016450B: B = Basic V=galvanised; 9006=RAL9006; 7016=RAL7016; 450=450N            Gas pressure spring (-14kg); B = Wide tyre</i></p>
<b>Serial number</b>	<p>Example ser.no. A2200: A=-14 kg, 2200= consecutive numbering            Example ser.no. B2200: B=-14 - 22 kg, 2200= consecutive numbering            Example ser.no. C2200: C=-22 - 26 kg, 2200= consecutive numbering            Example ser.no. D2200: D=-27 - 31 kg, 2200= consecutive numbering</p>

## 1.2 Nameplate



The type plate shown opposite is attached to the product. The type plate shows the serial number, the permissible weight and the manufacturer.

## 1.3 Manufacturer

<b>Manufacturer name</b>	Bicyclejack GmbH
<b>Street</b>	Soltauer Straße 1
<b>Postcode, place</b>	27243 Harpstedt
<b>Country</b>	Germany
<b>Phone</b>	+49 (0) 4244 / 362421
<b>E-mail</b>	info@bicyclejack.de
<b>Internet</b>	www.bicyclejack.de / www.fahrradlift.de

## 2 About these instructions for use

### 2.1 Presentation of indications

The following symbols warn you of dangers when handling this product or give you useful information.

 **DANGER!**

"DANGER" is used when death or serious damage to health **will** occur if the relevant safety instruction is not observed.



**WARNING!**

"WARNING" is used when death or serious damage to health **may** occur if the relevant safety instruction is not observed.



**CAUTION!**

"CAUTION" is used when moderate or slight damage to health may occur if the relevant safety instruction is not observed.

**ATTENTION**

"CAUTION" is used when damage to the product or environment may occur if the relevant notice is not observed.

**NOTE**

Helpful application instructions and information for the use of the product.

## 2.2 Enumeration display

Enumerations are shown as a list with bullet points. Example:

- Item 1
- Item 2

## 2.3 Presentation of calls to action

Calls to action with sequence are shown numbered or titled "Step 1", "Step 2". Calls to action without sequence are shown with an arrow. The result of the call to action is shown in italics and marked with a tick. Example:

**Call to action**

1. Activity, e.g. press the "Horn on" button. Activity,
  2. e.g. press the "Horn off" button.
- Reaction, e.g. "The signal tone goes out".*

**Call to action**

- Activity, e.g. press the "horn off" button.
- Reaction, e.g. "The signal tone goes out".*

## 3 For your safety

The product is built according to state-of-the-art technology and in compliance with all relevant safety regulations. Nevertheless, there are residual dangers in handling the product. To avoid these residual dangers, observe the safety instructions in these instructions for use. The manufacturer accepts no liability for damage caused by failure to observe these instructions for use.

### 3.1 Intended use

- The Bicyclejack Twist/Bicyclejack Basic is used to hang up bicycles. The front wheel of the bicycle to be parked is hooked into a rubberised hook. After releasing a lifting lock, a gas pressure spring pulls the bicycle upwards by the front wheel. In this position, the bicycle can be secured with a

The bicycle can be secured to the Bicyclejack Twist/Bicyclejack Basic with a bicycle lock. To remove the bicycle, pull on the saddle with a small jerky movement. The bicycle then swings down, the lift lock engages and the front wheel of the bicycle is lifted out of the hook.

- With the Bicyclejack Twist variant, it is possible to swing the hanging bicycle to the left or right against the wall like a page in a book.
- The Bicyclejack Twist/Bicyclejack Basic is designed for a maximum load. For the maximum load of your product, please refer to the technical data in this instruction manual.

### 3.2 Reasonably foreseeable misuse

- All applications that do not belong to the specifications of the intended use are to be regarded as misuse. This applies in particular to an impermissible load.
- Work on pressurised parts is not permitted.
- Any method of working which aims to circumvent or render ineffective protective devices must be refrained from.
- If the product is damaged, it must not be used.
- Structural alterations or repairs are not permitted.
- Disregarding these instructions for use is considered as unacceptable misuse.

### 3.3 General safety instructions

To avoid serious personal injury and damage to property, observe the following general safety instructions:

- Persons working on and with the product must be sufficiently familiar with the language of the operating instructions, existing warnings and general instructions to be able to understand them.
- Always supervise children and impaired persons when handling the product.
- Never allow children and mentally or physically impaired persons to clean/repair the product or eliminate faults.

#### **Danger of crushing!**

Injuries due to crushing may occur when handling the product.

- Use product with care.

## 4 Technical data

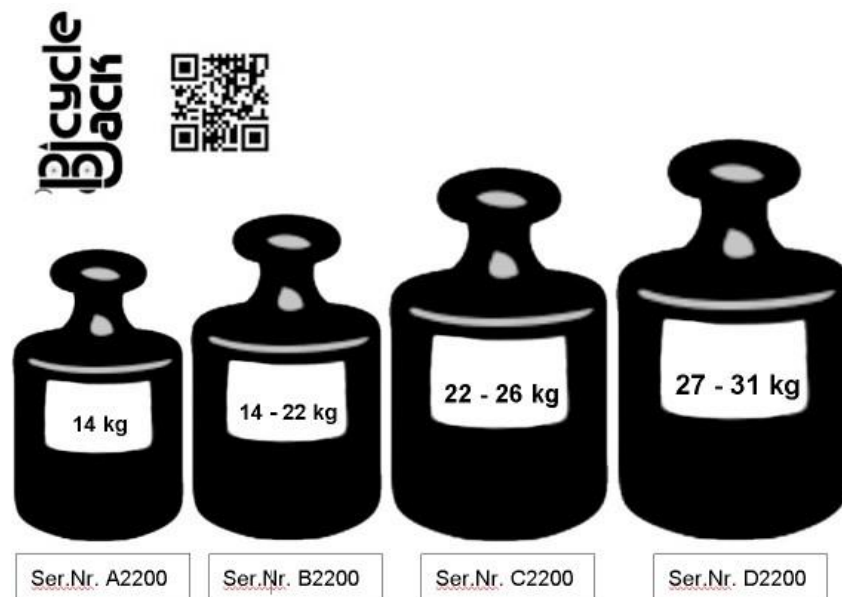
Length x width x height	1520 x 130 x 260 mm
Dead weight	8,5 kg
Max. load	Ser.no. A2200: 14kg Ser.no. B2200: 14kg - 22kg Ser.no. C2200: 22kg - 26kg Ser.no. D2200: 27kg - 31kg
Max. permissible total weight	Ser.no. A2200: 22.5kg Ser.no. B2200: 30.5kg Ser.no. C2200: 34.5kg Ser.no. D2200: 39.5kg
Environmental and storage conditions	Exterior/Interior -30°C and +80° max. humidity 50% at +80°C
Recommended ceiling height	At least 210 cm

## 5 Design variants

Two different versions are described in this instruction manual. The variants differ slightly in use.

- The Bicyclejack Twist variant can be swivelled.
- The Bicyclejack Basic variant is static and therefore cannot be swivelled.

Both variants are available with different permissible payloads:





## 6 Product overview

### 6.1 Design variant Bicyclejack Basic

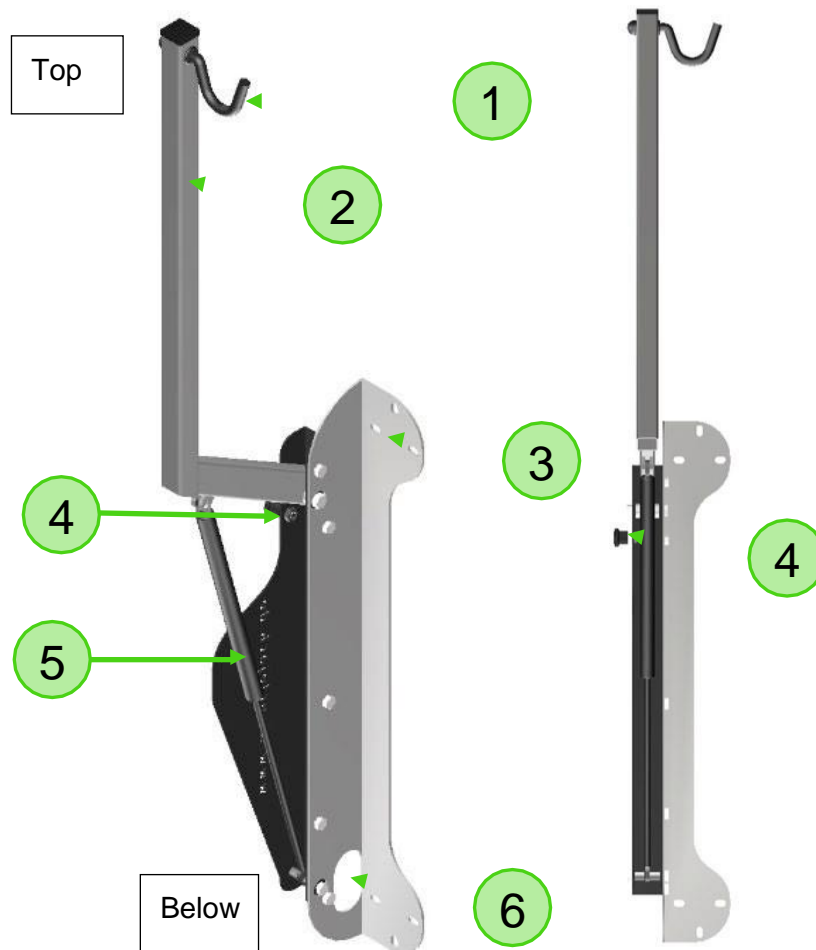


Figure 1 Design variant Bicyclejack Basic

Pos.	Designation
1	Rubberised hook
2	Lever arm
3	Wall adapter (mounting)
4	Lift safety device
5	Gas spring
6	Receptacle for a bicycle lock

## 6.2 Version Bicyclejack Twist

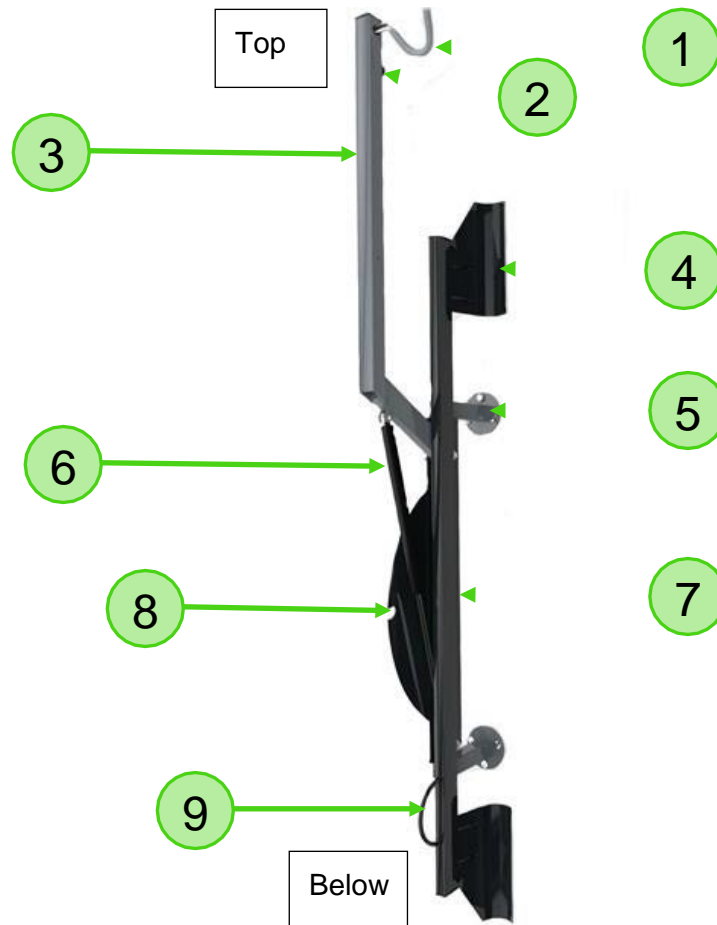


Figure 2 Design variant Bicyclejack Twist

Pos.	Designation
1	Rubberised hook
2	Lift safety device
3	Lever arm
4	Wheel troughs
5	Wall adapter (mounting)
6	Gas spring
7	Central rack
8	Locking device for the anti-lift device
9	Steel shackle for a bicycle lock

## 6.3 Functional description

The front wheel of the bicycle to be parked is hooked into the lowered rubberised hook. After releasing a lift lock, the gas pressure spring pulls the bicycle upwards by the front wheel. In the Bicyclejack Twist version, the wheel recesses accommodate the front and rear wheel and thus protect the wall from dirt. In this position, the bicycle can be secured to the Bicyclejack Twist/Bicyclejack Basic with a bicycle lock. With the Bicyclejack Twist variant, it is possible to swing the hanging bicycle to the left or right against the wall like a page in a book.

To remove the bicycle, pull on the saddle with a small jerky movement. The bicycle then swings down, the lift lock engages (lift lock on the Bicyclejack Basic variant is engaged manually), and the front wheel of the bicycle is lifted out of the hook.

## 7 Transport and store product

### ATTENTION

Incorrect storage and transport can lead to material damage to the product.

- Only store and transport the product as described.

The product is delivered in a cardboard box:

- Only store the product upright. Make sure that the arrows on the cardboard box point upwards so that the gas spring with piston rod is stored correctly.
- Transport the product in its original packaging.
- Check that the product parts and the original packaging are in perfect condition.
- Check that the cardboard box is sealed.



## 8 Unpack product

1. Remove all packaging.
2. Remove all protective films.
3. Keep the packaging material for later transport or possible returns.
4. Check the scope of delivery for completeness. If parts are missing, contact the manufacturer.
5. Bicyclejack Twist variant: Remove the transport edge protector on the wheel well.

## 9 Assemble product

### ⚠ WARNING!

Improper assembly of the product at the destination may result in injury.

- Ensure proper installation.

- The product can be mounted in a higher position without any problems. A higher mounting favours the force/lever travel, thus the bicycle can be parked out even more easily. Several Bicyclejack can also be mounted closer or further apart. The following mounting instructions reflect recommended dimensions.
- Appropriate mounting material can be obtained from the manufacturer.
- The recommended ceiling height is 210 cm.
- Several products can be mounted next to each other. The side distance from product to product should not be less than 35 cm. A minimum distance of 70 cm between two products is recommended.
- The following assembly instructions reflect recommended dimensions, based on standard bicycles with a handlebar width of 65 cm and an overall length of 180 cm.
- 6 screws with Ø 8 mm are required for mounting a product.
- The following assembly instructions are illustrated using the Bicyclejack variant as an example. The Bicyclejack Basic variant is assembled in the same way.
- The asymmetrical design of the Bicyclejack results in the following distance dimensions to lateral objects:
  - Top mounting hole of **Bicyclejack Twist** to obstacle on left (wall, cupboard etc.): **≥ 28 cm**
  - Top mounting hole of the **Bicyclejack Twist** to obstacle on the right (wall, cupboard etc.): **≥ 45 cm**
  - Top mounting hole of **Bicyclejack Basic** to obstacle left & right (wall, cabinet etc.): **≥ 35 cm**
  - Distance dimensions from bicycle lift to bicycle lift see below

**Step 1:**

Measured from the floor, mark the first fixing point for the top screw hole of the Bicyclejack wall spacer at a minimum of 130 cm (preferably at 150 cm) (a higher mounting makes it easier to park out). Distance top screw hole to ceiling  $\geq 60$  cm / Bicyclejack for wide tyres  $\geq 63$ cm.

Preferably mount the Bicyclejacks at an identical height with a recommended minimum distance of 70 cm.

**Attention!** If several Bicyclejacks are to be accommodated in a confined space, the Bicyclejack alternating by 20 cm. The minimum dimensions from the floor to the top screw hole are 150 cm / 130 cm (distance from top screw hole to ceiling for Bicyclejack version for tyre width up to 61 mm:  $\geq 60$  cm / Bicyclejack for wide tyres  $\geq 63$  cm).

A side distance from Bicyclejack to Bicyclejack should not be less than 35 cm.

**Step 2:**

Depending on the surface and the choice of screws, drill the hole (when using the Bicyclejack fixing kits in stone/concrete, a 10 mm masonry drill bit is required for setting the dowels).

**Step 3:**

Orientation of the Bicyclejack frame: the lettering is on the left.

The Bicyclejack is first fixed to the corresponding wall by a screw in the top hole of the upper wall spacer. Screw do not tighten yet.



**Step 4:**

After the Bicyclejack has been levelled, the positions for the other 5 fastening points are marked.



**Step 5:**

Now drill the remaining holes, depending on the surface and the choice of screws.



**Step 6:**

The Bicyclejack is now fixed with another 5 screws  $\varnothing$  8 mm. All 6 screws are now tightened. Finally, the lever arm is swivelled downwards by hand until it engages in the groove of the side plate (variant "*Bicyclejack Basic*": engage it manually by turning the locking knob in the lever arm!) **Depending on the force level selected, a greater or lesser force of the gas pressure spring must be overcome here.** This work is now largely done by the weight of your bicycle.



*The product is now fully usable*



## 10 Operate product

### **WARNING!**

Improper operation of the product may result in injury.

- Make sure that the product is only operated by persons who have read the operating instructions and have been instructed accordingly about its operation.

### 10.1 Preparation

- Carry out a visual inspection before use. If the product is damaged, do not use it.

### 10.2 Hang up bike

Hanging up the bicycle is the same for all variants.

#### Step 1: Hook in the front tyre



1. **Bicyclejack Twist variant:** Move the lever arm to the lower position. The lift lock secures this position.  
**Variant Bicyclejack Basic:** Move the lever arm to the lower position. Turn the lift lock 15° and pull it out a little at the same time. The pin of the lift lock moves into the lowered lever arm and secures it.
2. Hook the front tyre into the rubberised hook provided. When doing this, make sure that the air valve of the front wheel cannot collide with the rubberised hook.

**Step 2: Lifting the bike**



1. **Bicyclejack Basic variant:** Release the anti-lift device as shown in the illustration on the left: Relieve the load on the anti-lift device by lifting the lever arm a little, then push the small ball head of the anti-lift device towards you.  
**Variant Bicyclejack Basic:** Pull out the anti-lift device a little. Turn the round handle of the locking bolt by approx. 15°. This engages the anti-lift device in the retracted position.
2. Raise the lever arm further by approx. 5 cm.
- The gas spring comes out of its dead centre and lifts the lever arm together with the bicycle upwards.*
3. If necessary, secure the bicycle with a bicycle lock on the product.

**Only for BicyclejackTwist**  
**Step 3: Positioning the bike**



- Move the bicycle either to the left or to the right to bring the bicycle into the desired position.



## 10.3 Unhitch a bike

### Step 1: Lower the bike



1. Remove the bicycle lock, if present.
2. Stand at a distance from the bicycle.
3. As shown in the illustration on the left, reach under the saddle with one hand and pull the bicycle backwards into the free space with the necessary momentum.
4. **Variant Bicyclejack Basic:** Turn the anti-lift device by 15° and pull it out a little at the same time. The pin of the lift lock moves into the lowered lever arm and secures it.

#### NOTE

**Bicyclejack Twist variant:** The lever arm is secured automatically with the Bicyclejack Twist variant. Always check that the locking is done.

### Step 2: Unhitch the bike



- Unhook the bicycle from the hook as shown.  
**Bicyclejack Twist:** The lift lock engages and a "click" sound is heard. The lever arm is locked in the lowered position.

## 11 Care and maintenance

### ⚠ WARNING!

Improper care or maintenance of the product may result in injury.

- Ensure that the product is only cared for and maintained by persons who have read the operating instructions and have been instructed accordingly.

Material damage due to incorrect care and maintenance.

- Work that is not described may only be carried out by authorised customer service. Contact the manufacturer if you have any questions.

### 11.1 Check product

- Before each use, check the screws, nuts and moving parts for tightness.
- Before each use, check that the anti-lift device engages. You will hear a "click" sound when it engages.
- Check regularly that the type plate is legible and that the instructions for use are accessible to all operators.

### 11.2 Clean product

- Clean the product with a soft, damp cloth.

### 11.3 Replace gas strut

A necessary exchange of the gas pressure spring due to a bicycle change (bicycle is heavier or lighter than the weight specification of the already mounted Bicyclejack) is possible without great effort. It does not matter which gas strut is to be used. All gas springs offered by Bicyclejack are compatible with all Bicyclejacks.

The gas spring must always be mounted with the piston rod pointing downwards. This protects the internal seals from premature embrittlement.

1. Ensure that the lever arm is in the upper position and secured against falling down.
2. Then loosen the locking ring on the bolt of the lever arm/gas pressure cylinder attachment. The gas pressure spring is supported and the bolt can be removed.
3. Now lift the lever arm a little upwards, the eye of the gas strut slips out of the holder. The gas spring is now exposed on one side.

4. Loosen the nut for fastening the gas cylinder / Bicyclejack central frame and then remove the screw. The old cylinder is now free and the new cylinder can be inserted - the assembly procedure is the opposite of the previous description.

## 12 Disposal



### WARNING!

Risk of injury due to the pressure in the gas struts.

- Wear suitable safety glasses

### ATTENTION

Incorrectly disposed of gas spring oil causes environmental damage.

- Dispose of oil separately within the framework of the respective national regulations.

### NOTE

The filling medium used (nitrogen) is neutral and a component of the earth's atmosphere. Its release therefore does not pose a chemical hazard.

The pressure in the gas springs is between 20 and 250 bar. The pressure must be released as follows before disposal.

#### Release gas spring pressure

1. Detach the product from the wall and dismantle the gas spring.
2. Prepare a saw suitable for metal.
3. Clamp the gas strut lightly in a vice and place a protective cloth over the saw blade.
4. Saw open the gas strut perpendicular to the axle in an area between 30 and 35 mm from the pressure tube base. Stop sawing as soon as you hear a hissing sound.
  - The degassing is completed, as soon as the piston rod can be moved freely by hand.*



*Example illustration*



*Example illustration*



*Example illustration*

---

## 13 Customer service

- In case of malfunctions, questions about the product or if you need spare parts, contact the manufacturer:

<b>Manufacturer:</b>	Bicyclejack GmbH
<b>Street:</b>	Soltauer Straße 1
<b>Country, postcode, city:</b>	Germany, 27243, Harpstedt
<b>Phone:</b>	+49 (0) 4244 / 362421
<b>E-mail:</b>	info@bicyclejack.de
<b>WEB:</b>	www.bicyclejack.de www.fahrradlift.de

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