

# +AddB!ke

## Clever with you



## The B-Back instruction manual

**October 2022**

This manual will teach you how to assemble/disassemble and use the B-Back correctly. It is imperative you read this manual entirely to keep your bike and the B-Back in good condition.

**Please keep this B-Back instruction manual.**

The B-Back is an innovative solution that replaces your bike's rear wheel in order to turn it into an city tricycle, ideal for people looking to carry loads while increasing their bike's stability. It consists of a base that allows to carry small loads and attach different modules specifically designed for the B-Back. These modules adapt your B-Back to transport larger loads, shopping or even animals!

## We welcome you to the Addbiker Family!

You no longer need to invest in bulky and expensive tricycles, thanks to the B-Back you'll be able to simply and quickly turn any bike into a tricycle!

This version is compatible with the following modules:

- B-Back Box 2022
- B-Back Animal 2022

Maximum capacity	
Load	25 kg   55 lbs
Measurements (LxWxH)	
B-Back	70*70*54*   28" x 28" x 21"
Available volume on the base	50*49*(50) cm   20" x 19" x 20"


# Summary


<b>1. General warnings</b>	<b>5</b>
<b>2. B-Back glossary</b>	<b>7</b>
<b>3. Tips and advice for using the B-Back safely</b>	<b>8</b>
<b>4. Contents of the B-Back box</b>	<b>10</b>
<b>5. Assembling the B-Back</b>	<b>12</b>
5.1. Preparing your bike for the B-Back	13
5.2. Preparing the B-Back hub	15
5.3. Adjusting the clamp system	17
5.4. Putting the bike parts back	24
5.5. Fitting the mudguards and platform	26
5.6. Installing the modules	27
<b>6. Safety check before every use</b>	<b>29</b>
<b>7. Maintaining your B-Back</b>	<b>31</b>
<b>8. Using the B-Back</b>	<b>32</b>
8.1. First use	32
8.2. Using the B-Back for load transport.	33
8.3. Using the brake system	35
<b>9. Uninstalling the B-Back</b>	<b>36</b>
9.1. Removing a module	36
9.2. Uninstalling the platform	36
9.3. Uninstalling the brake and derailleur	36
9.4. Removing the clamping system	37


9.5. Uninstalling the B-Back	38
9.6. Restoring the bike	38
<b>11. Cleaning and storage</b>	<b>39</b>
<b>12. Guarantee charter</b>	<b>39</b>
<b>13. Support</b>	<b>39</b>

# 1. General warnings

## Symbols and warnings :

	<p><b>WARNING !</b> This symbol indicates a hazard that could result in serious injury if the instructions are not followed.</p>
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	<p><b>CAUTION !</b> This symbol indicates a hazard that may result in minor injury if the instructions are not followed.</p>
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	<p><b>TIP !</b> This symbol indicates a use or maintenance tip.</p>
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The B-Back is compatible with most bikes, however it is necessary that your bike is in perfect condition, has efficient rear brakes and is certified by the ISO 4210 standard. If the instructions are not followed and the B-Back is misused, the bike's rear triangle could be damaged.

**Please read and follow these instructions:** Read the entire guide carefully and follow the instructions to use the B-Back safely. If you do not understand certain indications, please contact your AddBike dealer or contact AddBike directly at support@addbike.fr. Please keep this manual for future reference. It is also important to take into account the host bike's instructions.

The AddBike company denies any responsibility in the following cases: failure to respect the instructions in the **B-Back manual** and/or the product's alteration by the user.

### **Generic risks**

Just like the use of any conventional bike, the use of an B-Back could lead to injuries and/or damage (mainly by falling). By using the B-Back, you accept full responsibility for these risks. You need to know and apply road traffic regulations to ride safely. If not, you risk getting fined or having other legal issues.

### **Using the B-Back**

The B-Back is designed to be used in cities, on asphalted surfaces. Do not try to go down the stairs or jump on and off pavements higher than 5cm/2". Do not use the B-Back on


rocky surfaces or any other surface that isn't flat. Overall, avoid any obstacle in your way that could damage parts of the B-Back.


If you choose to use your B-Back in the evening, at night or in any other situation in which you could have low visibility, you must use appropriate lighting, as specified in the Traffic Laws.

The B-Back is not designed to be used in sand or salt-water environments.

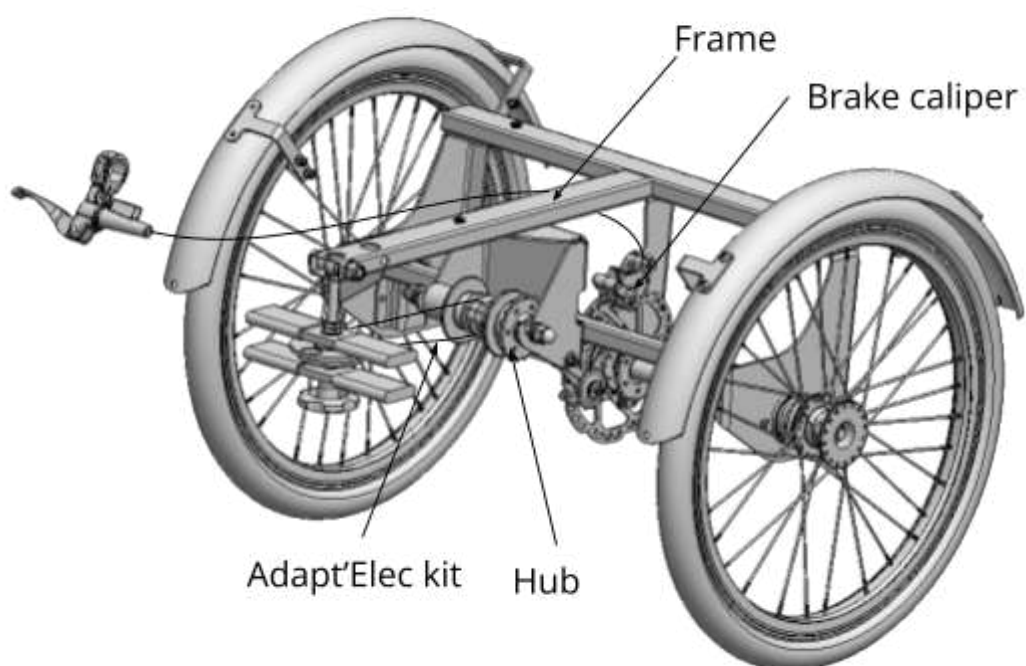
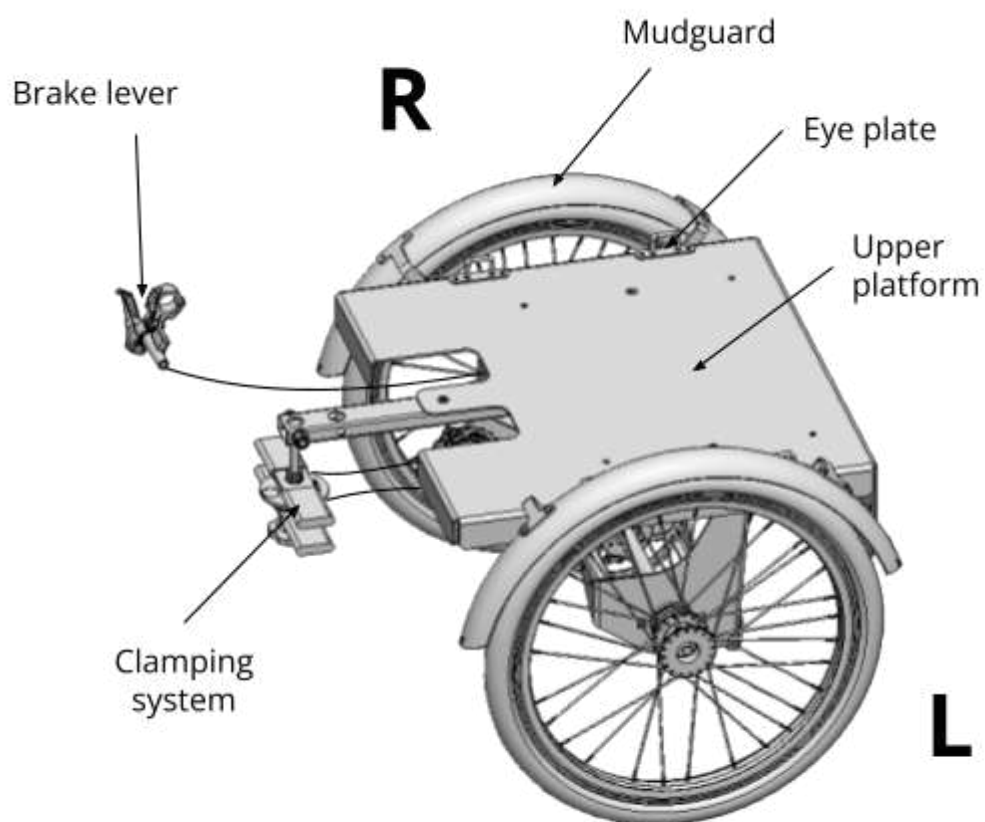
The B-Back is not designed to be left outdoors for an extended period of time. It must be stored in a dry and temperate place away from corrosive products.

Regularly maintaining the B-Back allows you to keep its original use and safety features.

	<p><b>It is forbidden to use the B-Back on the following bikes:</b></p> <ul style="list-style-type: none"> <li>• <b>Bikes with a wheel diameter under 26 inches ou over 29 inches;</b></li> <li>• <b>Carbon frame bikes;</b></li> <li>• <b>Children's bikes;</b></li> <li>• <b>Fat Bikes;</b></li> <li>• <b>Speed Bikes (Electrically Assisted Bike (Adapt'Elec ) with a speed higher than 25 kph   16 mph).</b></li> </ul>
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	<p><b>Special kits (not included) are by AddBike to fit the B-Back onto the following bikes:</b></p> <ul style="list-style-type: none"> <li>• <b>Electric bikes with pedal motor (thanks to the Adapt'Elec);</b></li> <li>• <b>Bikes without a derailleur slot (using derailleur hanger)</b></li> </ul> <p><b>Ask your dealer or contact AddBike directly.</b></p>
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## 2. B-Back glossary



## 3. Tips and advice for using the B-Back safely

### Wear a helmet



Always wear a helmet when you use the B-Back to protect your head in case you fall.

### Using the B-Back for parking and/or loading, unloading

To ensure safe loading and unloading, make sure your bike is stationary.

### Lighting

It is expressly forbidden by traffic laws to ride at night or in bad weather without lighting. You must be visible to other road users:

- Wear reflective and clear clothing, turn on your bike's front and back lights;
- Your bike must have rear and front lighting.

### Always control your speed, especially when cornering

Except if you want to indicate a change in your direction, you must always hold the handlebars firmly with both hands to be able to control your bike as much as possible (depending on the state of the roads, movement in the handlebar may change your course).

Slow down when making a turn in order to keep both wheels on the ground and not tip over.

Avoid sudden braking. Only the B-Back's left wheel is braked, which could lead to skidding in case of abrupt braking. Use the front brake.

Slow down when passing obstacles. Strong vibrations or repeated impacts could loosen certain parts and damage the B-Back.

### Drive accordingly

It is important to drive according to the conditions in which you use the bike (weight and volume of the transported load, wind, rain, brightness, etc.).

Strong crosswinds or gusts of wind can throw you off balance or cause you to make sudden changes in direction: it is important to take this into account when driving.



In case of strong wind, the weight on the B-Back might make you lose balance or to make

sudden turns: it is important to take this element into account when riding.

When using your bike in rain or on wet surfaces, be careful as the braking distance may increase and the grip may decrease.

When the road is slightly sloping, it is difficult to control the B-Back's course because it naturally runs towards the slope. Slow down and avoid that kind of road.

### **Respect safety and traffic regulations**

When using the B-Back, you must follow the traffic regulations (different signs, traffic direction, no riding on pavements, etc.).

Respect the traffic regulations of the country in which you are riding your bike, especially when it concerns lighting and warning sounds.

### **Adjusting and checking the original bike**

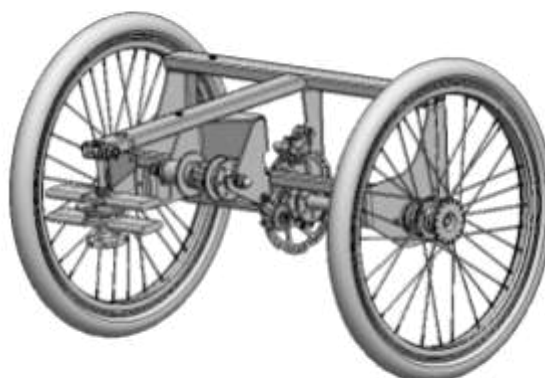
Always remember to control the rest of the bike and make your usual adjustments for maximum driving comfort.

### **Adjusting and checking the B-back**

Regularly check the B-Back's condition and its screws.

## 4. Contents of the B-Back box

- B-Back installation guide;
- B-Back frame;



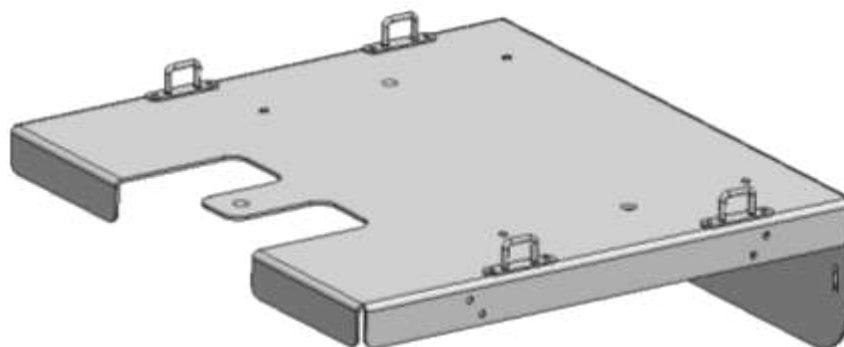
- 2 mudguards and their brackets and lighting



+ Hardware :

- 8 dome head screws
- 16 washers
- 8 nuts

- Upper platform

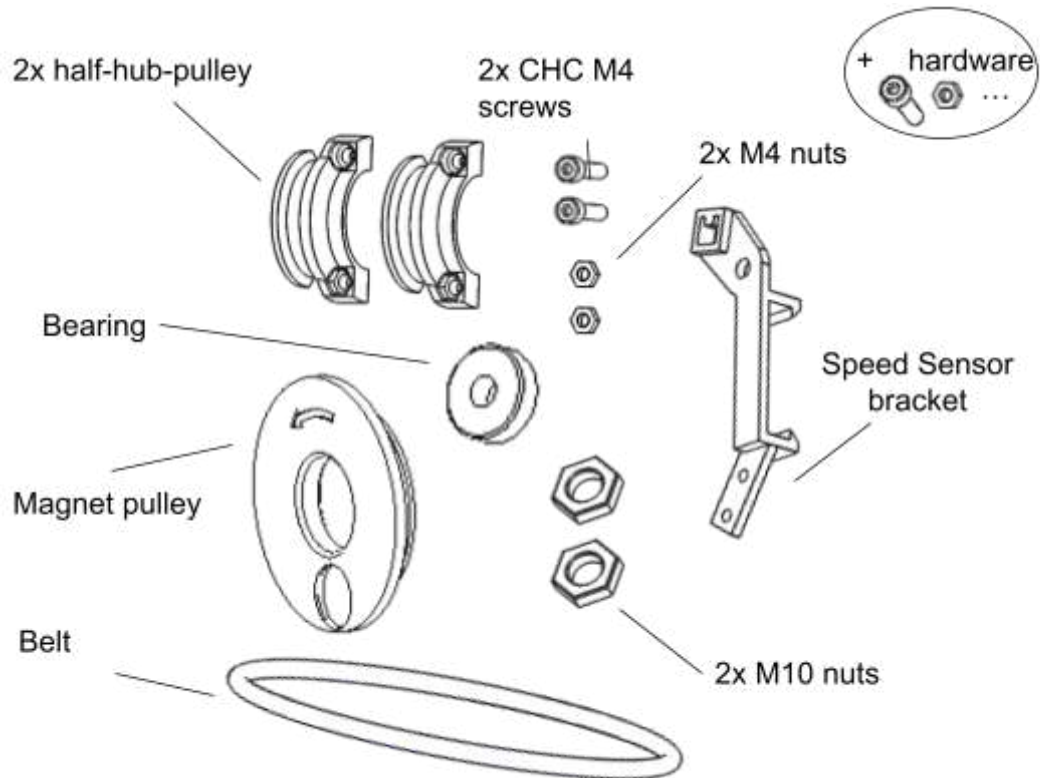


- Brake kit (lever + housing + cable + 2 housing nozzles + 1 cable nozzle)



Optional:

- B-Back Box Module
- B-Back Animal Module (+ hardware)
- Hanger derailleur
- Adapt'Elec



## 5. Assembling the B-Back

Your B-Back comes partially disassembled, and its assembly requires first of all to prepare the host bike. You will then have to assemble the different parts in a very strict order to correctly fit the B-Back to the bike.

A B-Back assembly and disassembly video can be found on our website: [www.add-bike.com](http://www.add-bike.com) or on our YouTube channel: AddBike. This video does not show the installation of the Adapt'Elec on an electric bike. That's why we've highlighted the specific steps for the Kit's assembly by mentioning **[Adapt'Elec]**. If you don't want to have this kit, skip these steps.



**If your electric bike doesn't have a speed sensor, or has a front wheel motor, you do not have to install this Adapt'Elec. Your bike is compatible with the B-Back without this kit, and you can keep your electric power.**

This must be done only once, except if you wish to transport it in its original box.



**The B-Back must be assembled and disassembled properly. Incorrect assembly/disassembly can lead to accidents that can cause serious injury.**

To assemble your B-Back, you will need the following tools:

- 8 mm, 2\*15 mm and 2\*17 mm bow wrench or spanner
- 3, 4, 5 and 6 mm Allen key
- Chain whip and cassette lockring tool
- Bike chain link pliers
- Chain rivet (if the bike doesn't have a quick release)



## 5.1. Preparing your bike for the B-Back



Check the condition of your bike; there should be no visible cracks or twisted elements. If this is the case, do not install the B-Back on this bike.



Remember to store all the bike parts that you remove, so that you do not lose them. You will need them to restore your bike if you want to use it without the B-Back.

### Step 1 : Remove any parts that interfere with the installation of the B-Back.

Some parts of the bike may interfere with the installation and/or the use of the B-Back. For example, it is very important to remove the front mudguard, the front basket, and the front dynamo. For other elements, such as the front lighting, it is necessary to check their compatibility with the B-Back before deciding whether to keep them or not. If there is a friction between the B-Back and/or its modules and an element of your bike, You must remove/replace the element causing the problem.

### Step 2 : Remove the rear brake

If you have a mechanical rear brake with pads or caliper, release the brake cable, then remove the pad or caliper.

If you have a hydraulic rear brake, remove the caliper.



Remember to insert a spacer between your pads to prevent them from tightening.

### Step 3 : Remove the chain

If your bike has a chain guard, remove it.

Remove the chain from your bike with a quick-release tool or a chain rivet.

### Step 4 : Remove the derailleur

If the bike has a derailleur or chain tensioner, remove it.

**Step 5 : Remove the rear wheel**

Finally, remove the rear wheel from the bike.

***[Adapt'Elec]* Step 6 : Remove the speed sensor**

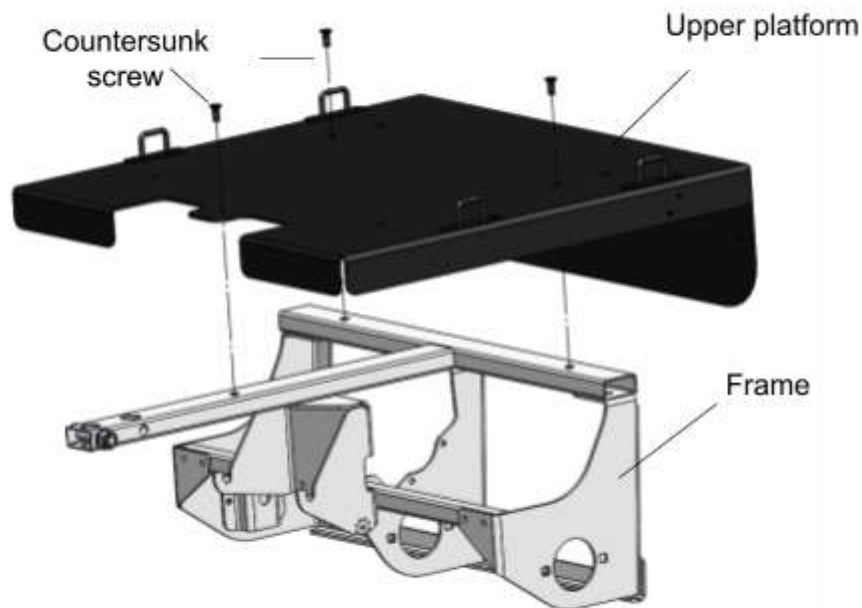
If you are installing the B-Back on an electric bike, remove the speed sensor from your frame (by unscrewing it in most cases), and leave it hanging for the moment.

## 5.2. Preparing the B-Back hub

### Step 1 : Removing the rear wheel cassette

If your bike has a cassette, remove it with a cassette locking tool.

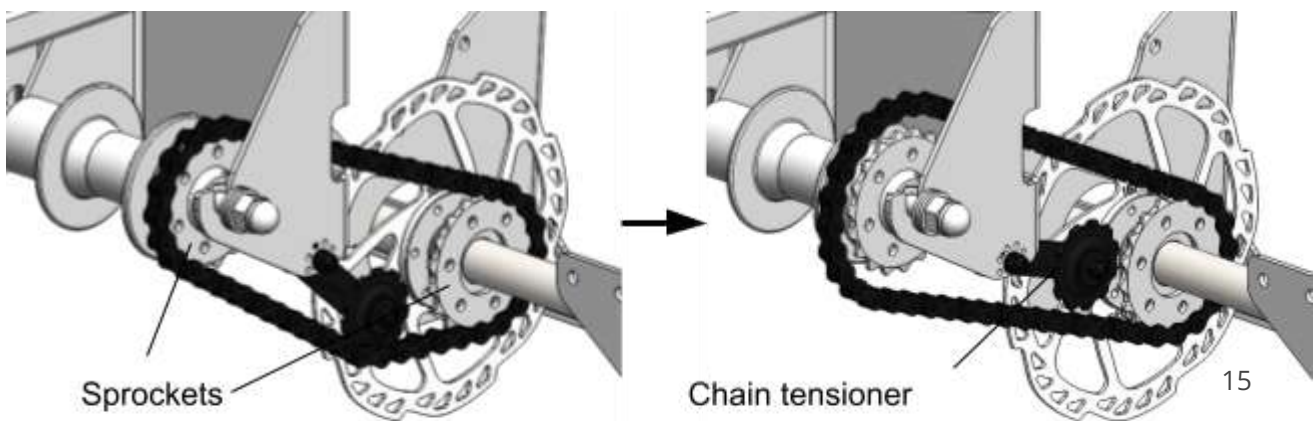
### Step 2 : Remove the upper platform



Unscrew the three dome head screws on the platform using a 4mm Allen key. Remove the upper platform from the frame to gain access to the hub. Store it in the box in the meantime. You will need it at the very end of the installation. Reposition the screws on the frame so that you do not lose them.

### Step 3 : Prepare the B-Back hub

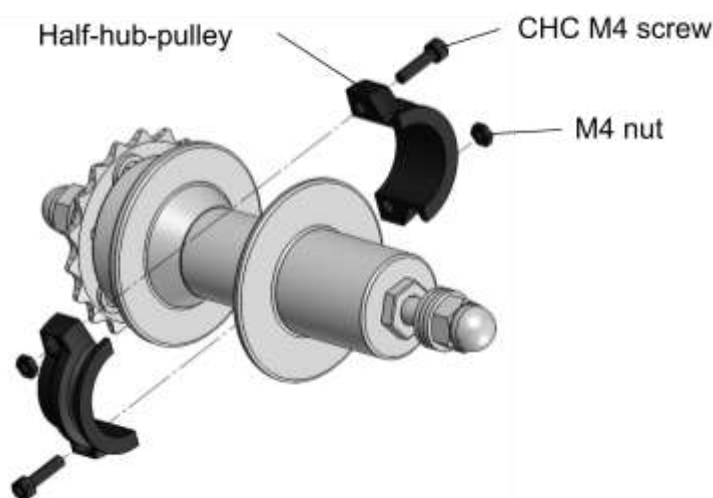
Remove the hub from the B-Back. To do this, stretch the chain tensioner to remove the chain from both sprockets and then remove the hub.



Then install the cassette or a Single Speed kit on the B-Back hub, depending on your original bike's setup. If it has:

- a cassette, install it on the hub in the space provided;
- an **internal gear hub**, you will lose the internal gears. Add a Single Speed Kit or a 7 to 10 gear cassette to the B-Back hub (not included). Please note that if you do not have a derailleur or chain tensioner slot on your frame, you will not be able to install a chain tensioner on your Single Speed Kit, but you can order a hanger derailleur (optional) for the cassette;
- a **freewheel**, replace it with a 7 to 10 speed cassette (not included);
- a **Single Speed Kit**, you have two options: reuse your Single Speed Kit, or fit a 7 to 10 gear cassette (not included), compatible with the optional hanger derailleur;

**[Adapt'Elec ]** If you install your B-Back on an electric bicycle, install the two half-pulleys on the hub, the groove on the right side (cassette location side). Use the 2 hub half-pulleys, the 2 M4 CHC Screws, and the 2 M4 Nuts found in the "Adapt'Elec kit" folder. Tighten with an Allen key 3 (until the pulley no longer turns around the hub). Then place the belt in the groove of the pulley, letting it hang for the moment.



Note : This step may already be done when you receive your B-Back.

#### Step 4 : Put the hub back on to the B-Back frame

Put the hub back in its original position, remember to pass the chain around the hub.

Then, reinstall the chain onto the two sprockets and the chain tensioner.



### 5.3. Adjusting the clamp system



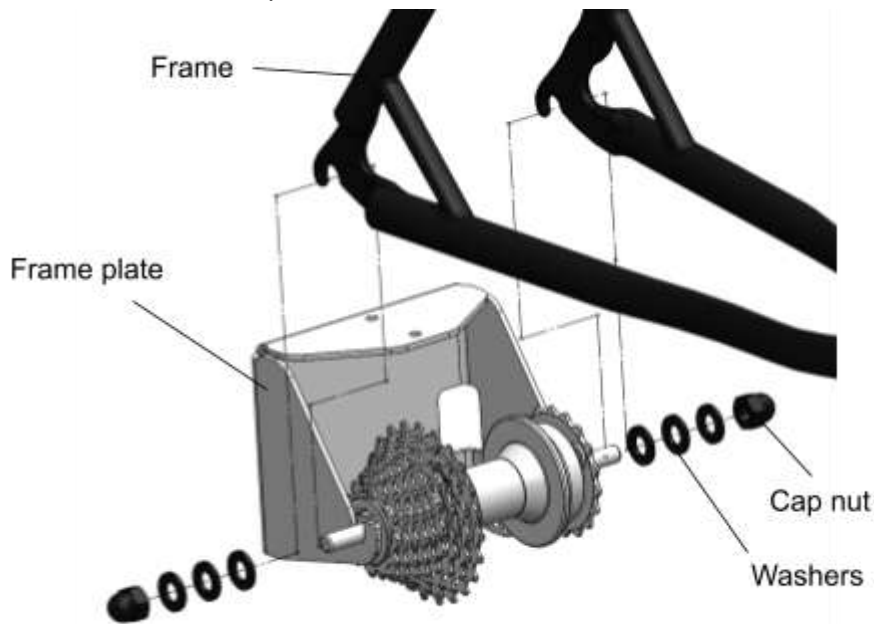
The B-Back was delivered to you with the clamp system in position 1. However, if something on your frame interferes with the positioning of the clamp system, you will need to move it to position 2. So, first you need to install the B-Back on the bike to test the clamp system.

#### Step 1 : Find the correct clamping system position

Before installing the B-Back, make sure that your bike is secured so that it does not move (on a workshop stand, or with someone holding the handlebars for example). Place the B-Back just behind the bike, as shown below.



Put the bicycle frame on the hub between the frame plate and the washers. Tighten the two cap nuts with a 15 mm spanner or box wrench.



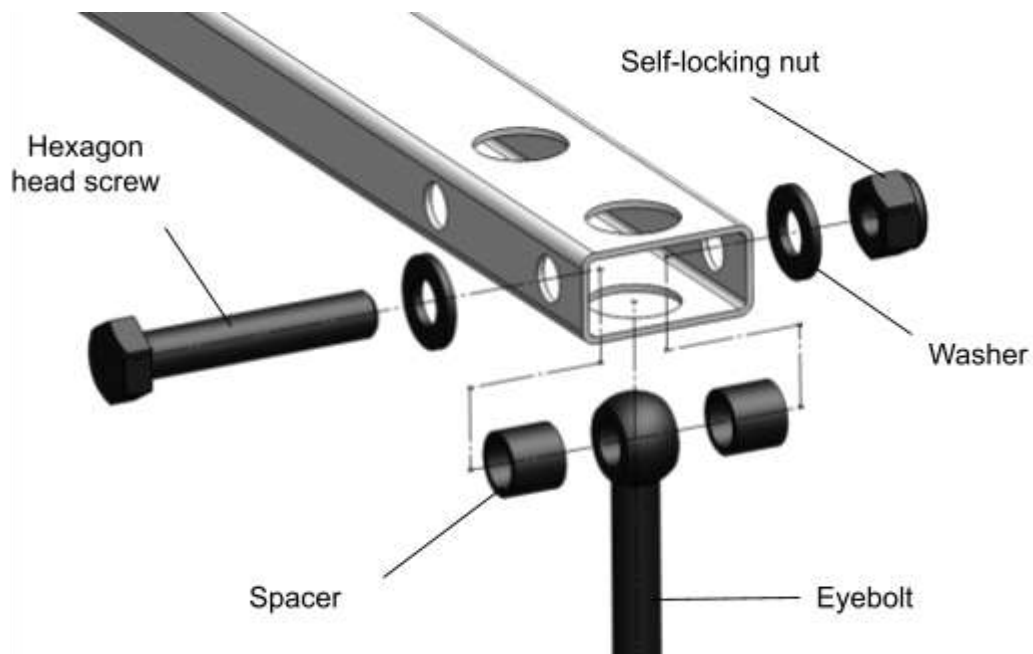
You may need to put more washers on one side than the other depending on the shape of your frame.

Raise the t-tube until it is horizontal. If there is nothing interfering with the clamp system in this position, go straight to step 3. If not, go to step 2.

### Step 2 : Adjusting the clamping system position

If you need to move the clamping system to the second position, first remove the B-Back from your bike to be more comfortable.

Next, loosen the nut on the hexagonal screw with two 17 mm spanners. Slowly remove the screw, while recovering the nut, the two washers, the two spacers and the eyebolt. Reinstall everything in the second position, in the same order (this requires some skill).



**[Adapt'Elec ]** If you install your B-Back on an electric bike, and you have moved the clamp system to the second position, the belt will be too big to drive the Adapt'Elec kit two pulleys. It will therefore have to be shortened. The current belt has a 55 cm perimeter, and yours will have to be 45 cm. The operation consists in cutting the belt, heating the two ends until the material (polyurethane) melts, then gluing the two ends to weld them, and finally cutting (or filing, sanding) the bead. Video showing you the technique [HERE](#). You will need a cutting tool (scissors, cutter, pliers, ...), and a heat emitting device (lighter, soldering iron, ...). We recommend trying this operation without shortening the belt first, and then to cut off the unnecessary part of the belt once you have mastered the technique. Also, since the hub is already installed on the B-Back frame, it would be ideal to weld the belt directly around the hub. If this is too complex, weld the belt separately, then disassemble the hub, insert the belt, and reassemble it on the frame.

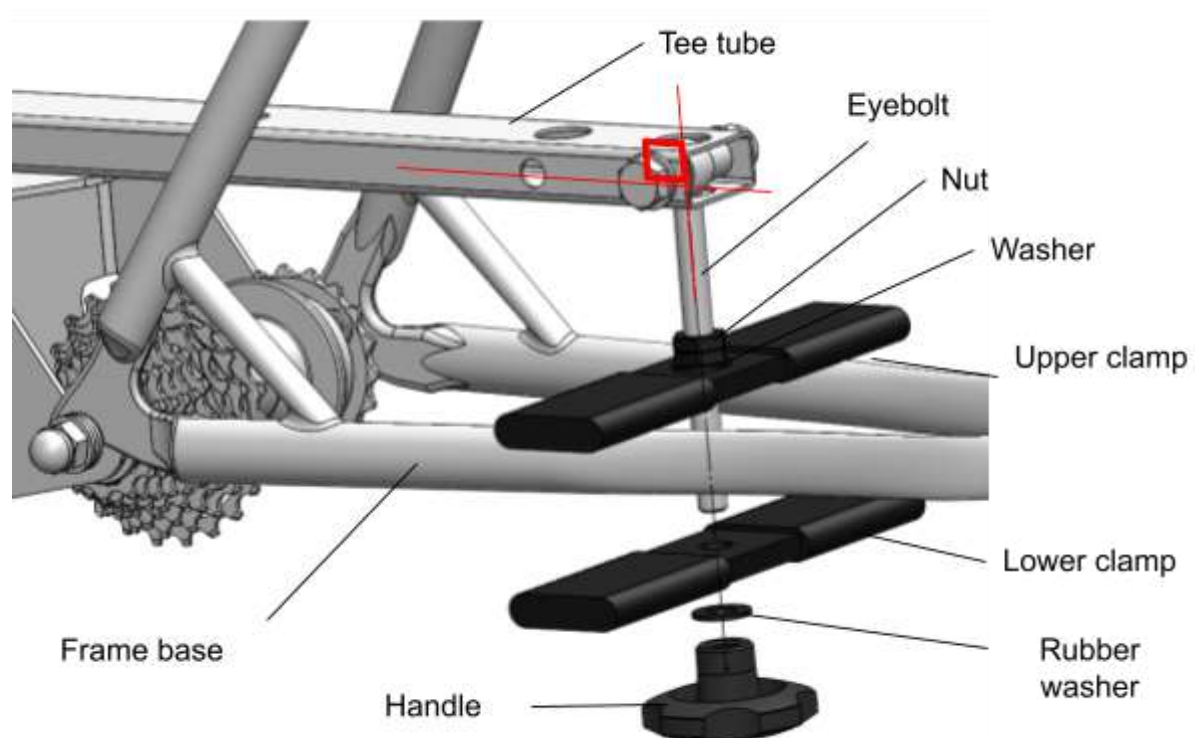
Lastly, reinstall the B-Back on your bike.

### Step 3 : Tilt adjustment of the clamp system

Adjust the position of the upper clamp so that the B-Back platform is horizontal. The B-Back must be installed on your bike.

Loosen and remove the handle from the eyebolt, as well as the rubber washer and the lower clamp.

Then lower the two nuts and the upper clamp until it abuts the top of the frame base. The eyebolt should be perpendicular to the t-tube as shown below.



Once the correct height has been found, tighten the two nuts against each other using the two 17 mm spanners.

If you are installing a Adapt'Elec , go to step 4. If not, fit the lower clamp to the eyebolt, along with the rubber washer and handle. Screw on the handle to tighten the clamp system to your frame.

#### **[Adapt'Elec] Step 4 : Installing the rest of the Adapt'Elec kit**

If you do not ride your B-Back on an electric bike, go to step 5.

First, completely remove the handle, rubber washer, and lower clamp of the eyebolt.

The rest of the installation will depend on the make and model of the motor you have, and more precisely on the shape of your speed sensor. Use the components and screws from the "Adapt'Elec " folder.

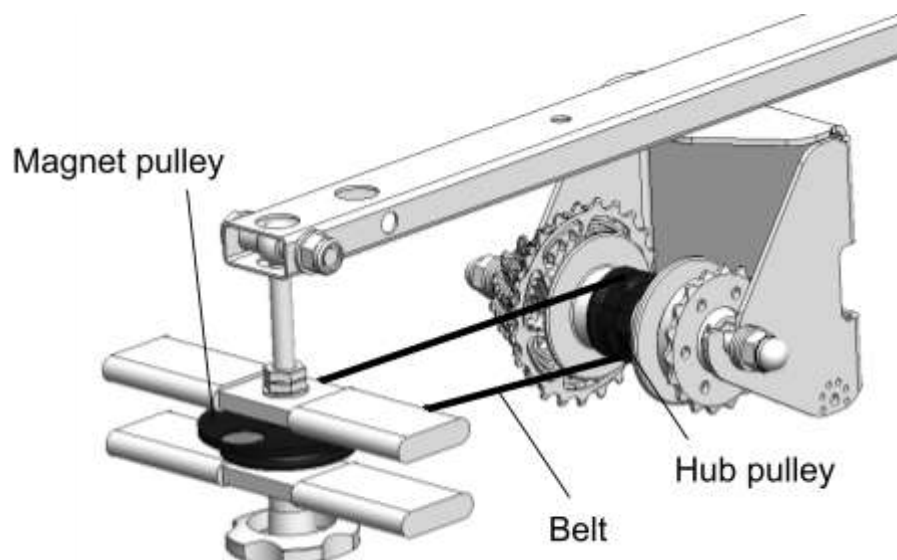
##### **Step 4.1 : Installing the magnet pulley**

If your bike has a Bafang speed sensor similar to the one shown here, insert one M10 washer and two M10 nuts onto the eyebolt in this order. Use a 17 mm Allen key to tighten the first nut against the clamp, then tighten the second nut against the first.



If your bike has any other speed sensor, insert an M10 nut onto the eyebolt. Use a 17mm Allen key to tighten the nut against the clamp.

The following is common to all types of speed sensors:



Insert the Adapt'Elec's components on the eyebolt : the spacer, then the magnet pulley on the spacer (with the magnet up), then the second M10 nut. Tighten this nut with the 17 mm Allen key.

Then pass the belt (currently hanging on the hub) through the grooves of both pulleys, turning it a quarter turn. The highest of the two belt strands must enter the Magnet Pulley in the direction of the arrow.



**If the assistance does not work, check that the pulley magnet is close enough to be detected by the sensor. If it is, try changing the pulley's direction of rotation by reversing the direction in which the belt is installed.**


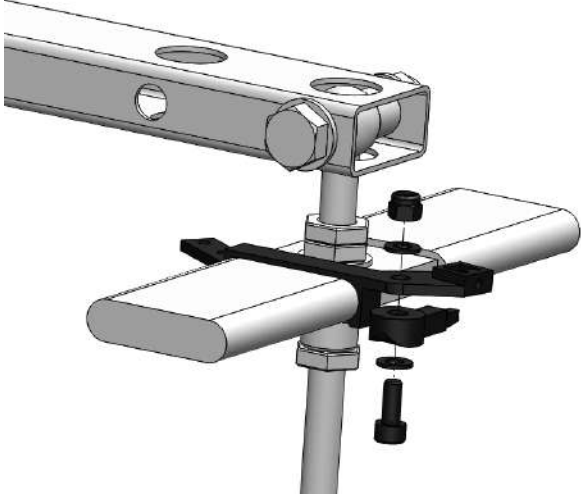

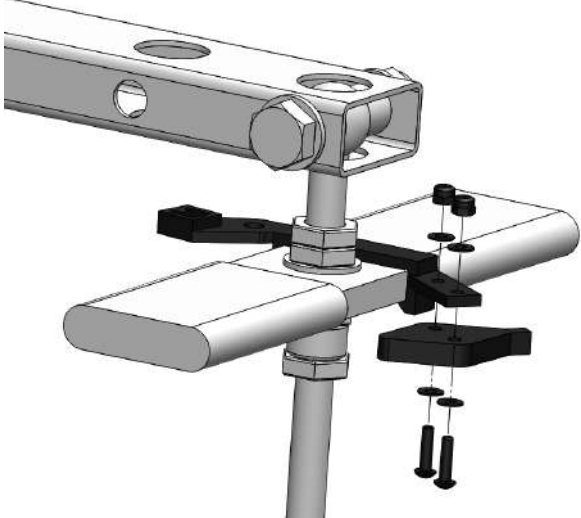

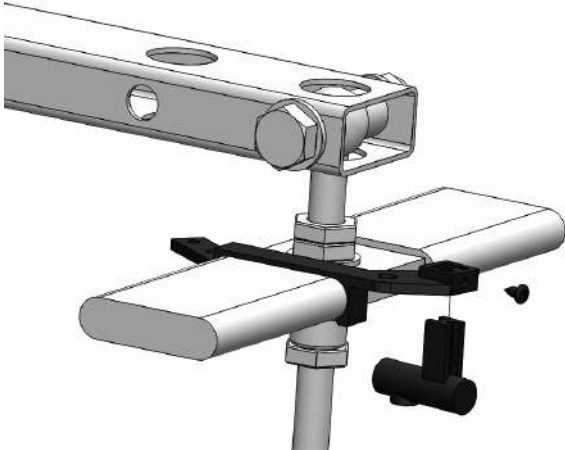
Put the lower clamp back on to the eyebolt, with the rubber washer and handle. The eyebolt should be perpendicular to the t-tube. Screw on the handle to tighten the clamp assembly to your frame.

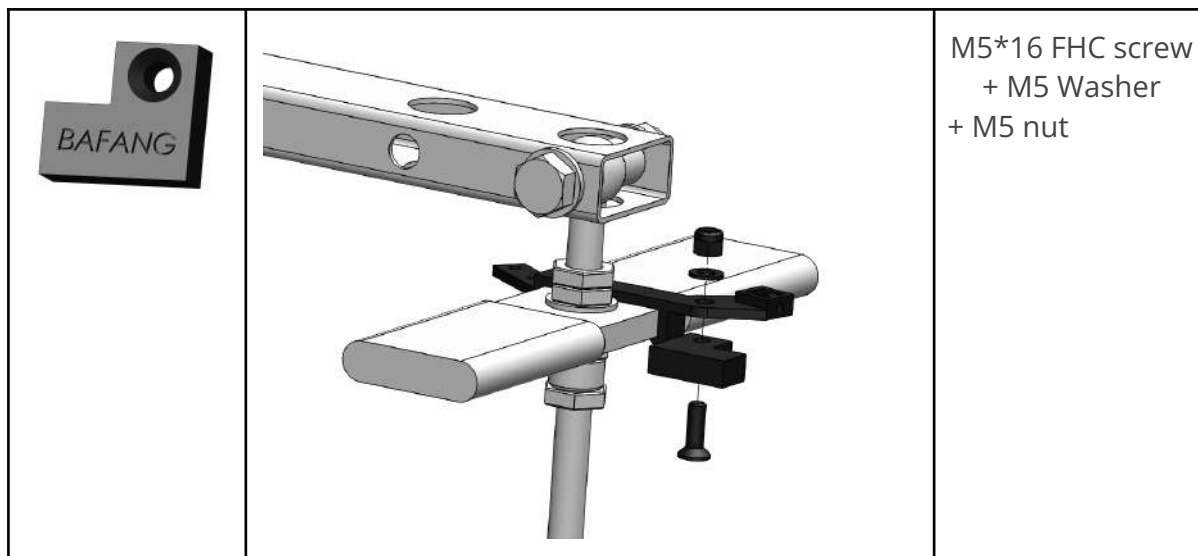
#### **Step 4.2 : Installing the Speed Sensor Bracket**

This step concerns the installation of the last component of the Adapt'Elec : the speed sensor support. It can be in different positions, only one of which is suitable for your speed sensor. Follow the instructions for the speed sensor similar to yours.

First, check that the length of the cable to which your speed sensor is connected is long enough to place the sensor in front of the magnet.

Depending on the shape of your speed sensor, make the corresponding installation using the associated hardware. Assemble your speed sensor onto the bracket before clipping the bracket onto the flange.

Speed sensor	Installation	Hardware
		<p>CHC M5*12 screw + M5 washers + M5 nut</p>
		<p>2x BHC M3*16 screws + M3 washers + M3 nuts</p>
		<p>reuse the screw supplied with your speed sensor</p>



If necessary, add more or less M10 washers to adjust the height of the Magnet Pulley.

## 5.4. Putting the bike parts back

Now that your B-Back is properly installed, you can put the bike part back.

### Step 1 : Reinstall the rear brake

You can choose to keep your original braking system or use the one provided (mechanical disc brake, with parking brake) :

- If you choose to use **our lever**, completely remove your brake system (lever, housing, cable, caliper or pads), then fit the lever, housing and cable found in the "Brake" bag. To avoid changing the original housing, you can simply extend it by using an Elvedes extension fitting for example.

#### ELV2018035

Extension ferrule

Ø5,0 mm

Aluminium

25 pcs



- If you have **mechanical brakes** and wish to **keep your lever**, replace only the housing and cable with those supplied.
- If you have **hydraulic brakes and want to keep them**, replace the caliper installed on the B-Back with your own, extend the hose and bleed, change the hose or extend it with an Elvedes extension fitting for example.

#### 2019101

Shimano

SM-BH59 and SM-BH90



**Make sure that the housing/nozzle does not interfere with the chain. In the same way, the housing/nozzle should not extend beyond the top of the frame tee tube (as the top plate will sit on top of it).**

Lastly, adjust the position of the brake caliper. Tighten with a 5 mm Allen key.



**Step 2 : Installing the derailleur**

If your bike has a cassette, fit your original derailleur, or fit the optional hanger derailleur that you have ordered.

If your bike has a Single Speed Kit, install the chain tensioner (not included) in its slot (if it exists, otherwise do not install one).

**Step 3 : Reinstalling the chain**

Reinstall the chain on your bike using a quick-release or a chain stay. It may be necessary to adjust the length of the chain depending on the set-up (cassette or single speed kit).

**Step 4 : adjust the derailleur**

If you have chosen a transmission with cassette and derailleur, adjust the latter before moving on.

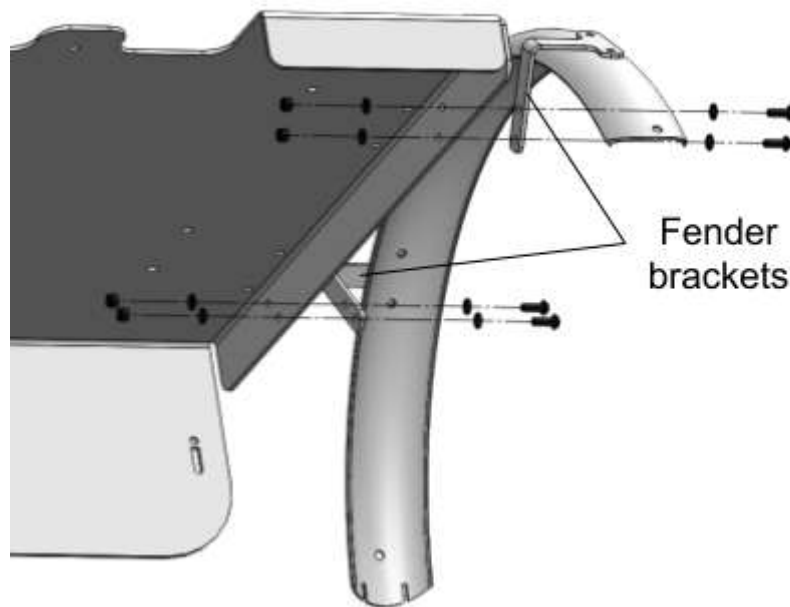
## 5.5. Fitting the mudguards and platform

### Step 1 : Fitting the mudguards onto the platform

This step consists of fitting the mudguards on the platform. You can leave your bike aside for the moment.

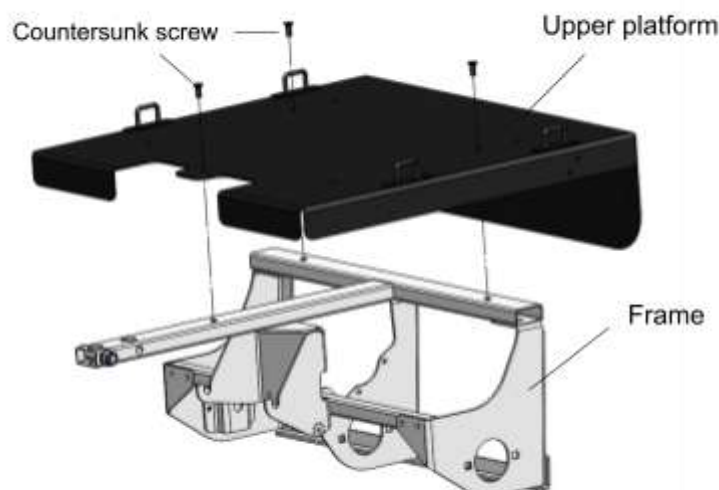
Take the upper platform, the two mudguards and the bolts and nuts (bag in one of the mudguards) out of the box.

Assemble the 4 fender brackets on the platform according to the image below. The lights should be towards the rear of the platform (where the logo is located). Use the screws provided, a 3mm Allen key and an 8mm spanner.



### Step 2 : Installing the platform on the B-Back

Install the platform on the B-Back using a 4mm Allen key and the 3 screws left on the frame.



## 5.6. Installing the modules

### Option 1 : B-Back Box

If you have ordered a B-Back Box, first you have to install the structure consisting of tubes and connectors, then insert it into the box. Finally, place the box on the platform and pass the straps through the eye plates to attach it.

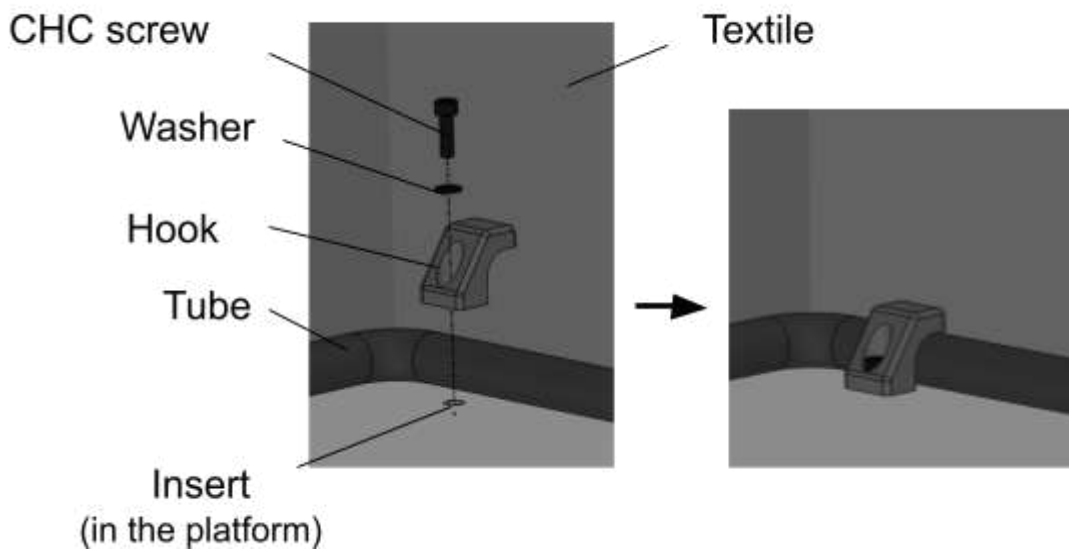


### Option 2 : B-Back Animal

To install a B-Back Animal, simply unfold the two sides and connect the two top tubes.

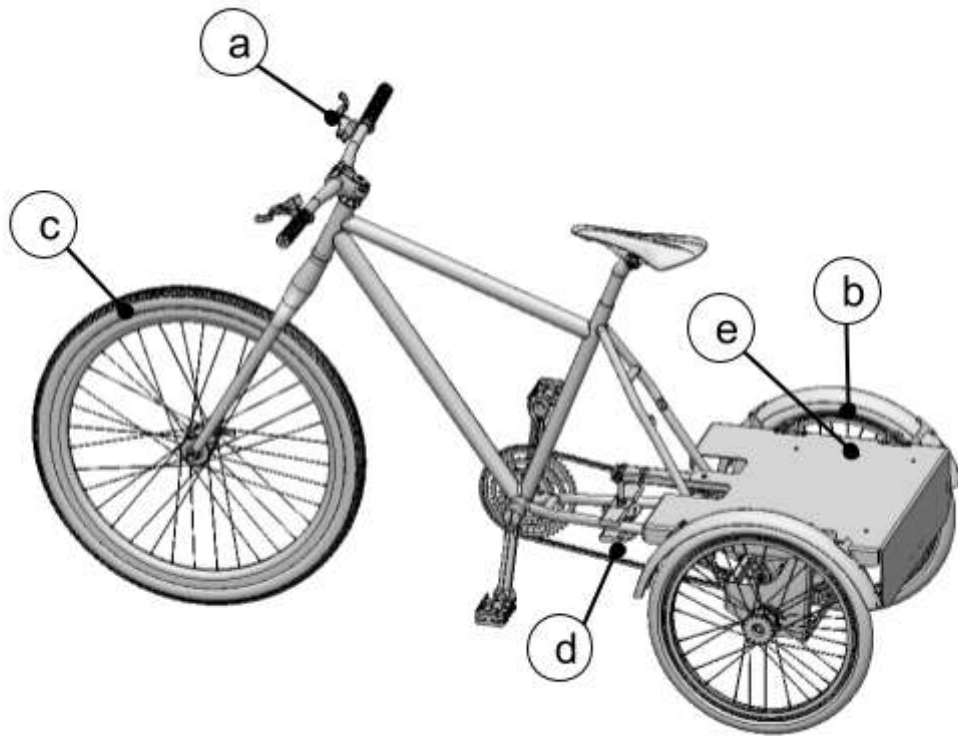


Then place it on the platform. Use the components found in the top pocket of your B-Back Animal and a 4mm spanner to secure the box to the platform. Insert the washer into the screw, then the screw into the hole in the hook, and finally into the insert through the fabric.

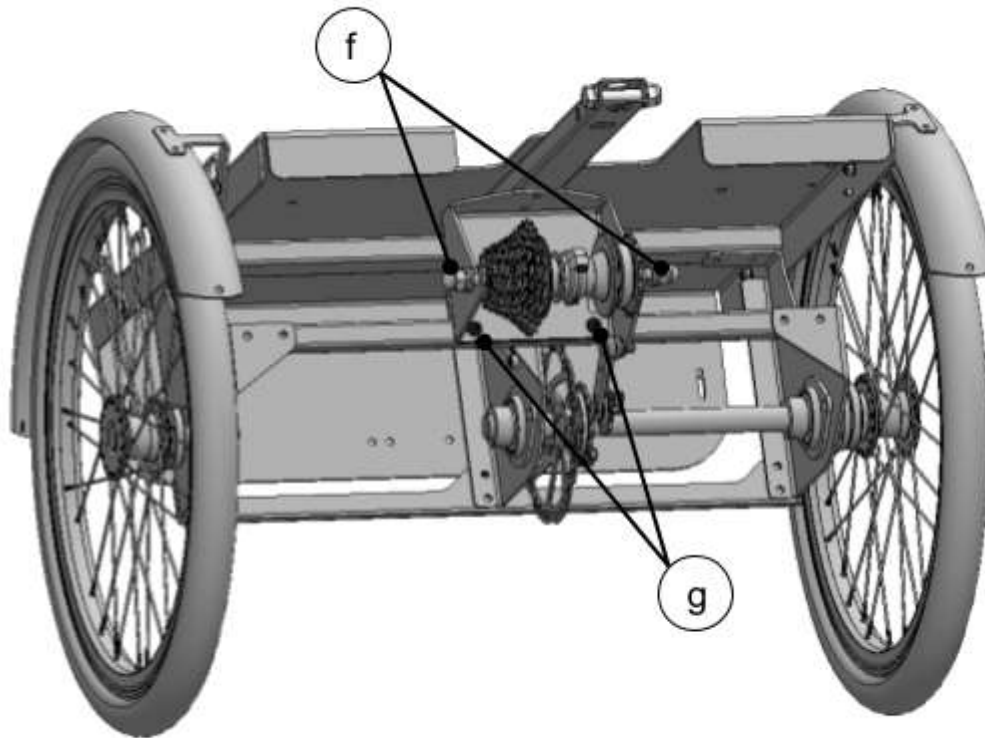


If you have any problems assembling your B-Back, contact AddBike directly at [support@addbike.fr](mailto:support@addbike.fr)

## 6. Safety check before every use



- a) Check the B-Back brake works by tightening the right brake lever;  
Check that the brake lever is tight enough (the lever should not move around the handlebars).
- b) Check the B-Back tyre pressure. It should be between 3.5 and 4 bar;
- c) Check your bike's front wheel pressure (look at the host bike's manual);
- d) Check that the B-Back's clamp is tight enough on the base of the frame: tighten the tightening knob by hand;
- e) Check the tightness of the 3 screws of the top platform



- f) Check that the B-Back hub is tight on your frame. Tighten the two cap nuts with a 15mm spanner or bow wrench;
- g) Check the 2 screws located on the hub support plate are tightened. Tighten with a 4mm Allen key;

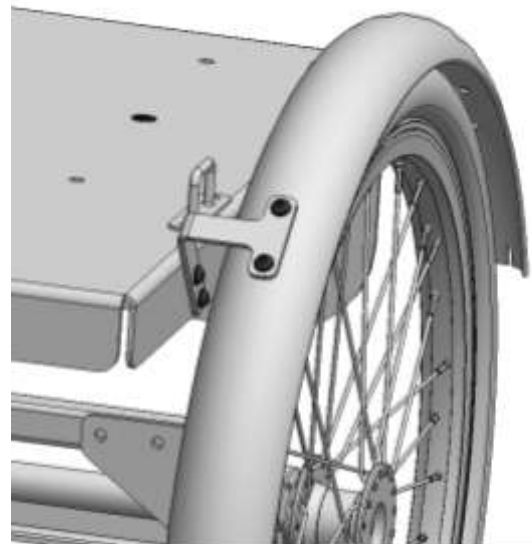
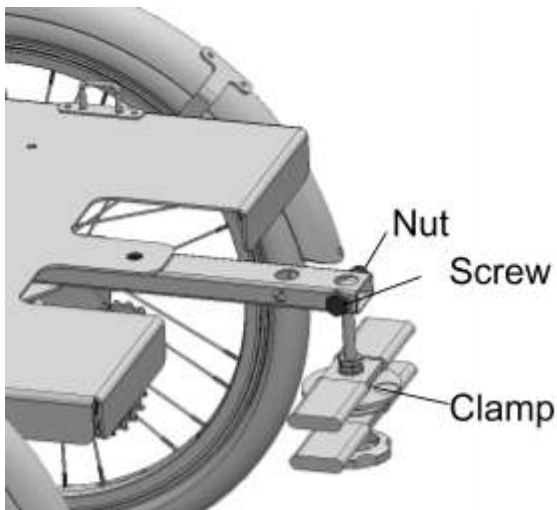
Check the rest of the bike and make your usual adjustments for maximum riding comfort.

## 7. Maintaining your B-Back

Your B-Back requires maintenance and regular servicing.

On the B-Back, regularly check according to the frequency of use (tip: once a month):

- The correct tightening of the following points:
  - The screw and the clamp nut. Tighten with two 17 mm spanners or box wrenches;
  - The screws holding the brake caliper to its bracket;
  - The brake disc holder;
  - The screws holding the brake caliper to the bracket;
  - The brake disc holder;
  - The mudguard screws;



- Brake pad wear;
- The condition of the brake cables, housing or nozzles
- The condition of the mudguards, in particular that the mudguard supports are not bent;
- The presence of reflectors on both wheels of the B-Back
- The lubrication of the B-Back chain, as well as your bike's chain.

## 8. Using the B-Back

### 8.1. First use



**Get used to riding the product empty before using it to carry loads or a pet.**

Use the B-Back empty until you are completely comfortable (straight lines, curves, etc.). We recommend you use it in an area with little traffic to get used to the size and its riding sensations. Getting used to the B-Back can vary from a few minutes to several hours depending on the user. Take as much time as you need.

Try riding the B-Back on a slightly tilted road to get used to the B-Back's riding sensations in these conditions. The B-Back naturally moves towards the slope. To straighten it out, hold the handlebars firmly and steer it up the slope. Avoid this type of road.

Disc brakes are powerful, so try the brakes gradually in an open area with no obstacles. Also, take the time you need to become fully comfortable with the braking power.



**In case of rain, be very careful because you can only brake on the left side. The left rear wheel may skid as it loses its grip in the rain, but the right wheel continues to drive normally. See chapter 3, paragraph "drive accordingly".**



## 8.2. Using the B-Back for load transport.

### Rules for loading the Base :

In order to make loading of the B-Back easier (alone or with a module), position the parking brake in the locked position.

Always secure the load correctly on the base and be extremely careful that it does not exceed the volume provided for this purpose, i.e. the size of the base.

Check that :

- The load is well secured in the center of the Base (with straps, tensioners or other);
- The load does not exceed the width and length of the Base;
- The load does not interfere with the movement of the cranks or wheels.



**The total weight allowed is 35 kg.**



**When carrying a load on the B-Back, make sure that the load is securely fastened to the Base to avoid any movement that could lead to loss of control.**

## Rules for riding while loaded:

It is important to adapt your driving when carrying loads:

### When turning

When cornering, always ride at less than 8 km/h and follow the widest path possible. Speed is often underestimated (especially with EABs). The load could tip over due to the centrifugal effect, which can cause you to fall.

### Downhill

Always reduce your speed when going downhill. Brake gradually. At high speeds, the load may slip and cause you to fall.

### On uneven surfaces

The B-Back is not designed to be used on uneven surfaces because passing an obstacle or other uneven ground with only one wheel can lead to undesirable stress. Also, using the B-Back on such surfaces can lead to premature aging of certain bike parts and the B-Back. Therefore, you should walk or ride carefully if you encounter such obstacles.

### Getting on/off the pavement

When crossing a kerb or an obstacle of more than 5 cm, always get off your bike:

- Getting on the pavement: To make it easier, you can push the rear end up a bit;
- Getting off the pavement: Go down slowly using the brakes, one wheel after another.

## 8.3. Using the brake system



**When braking, you must always use your bike's front brake and the B-Back's rear brake at the same time.**



**When loading or unloading the base, you must always activate the parking brake.**

### Parking brake

The brakes have a system that allows them to be completely locked when the B-Back is at standstill. When the parking brake is deactivated (normal position), the button is extended. The B-Back's brake is therefore unlocked and you can use your bike normally.

To activate the parking brake, follow these steps:

- Push the brake lever all the way in
- Press the button without releasing the brake lever
- Release the brake lever.

When the parking brake is activated, the B-Back brake is locked and the bike does not move forward.



**To deactivate the parking mode, press on the brake : the lock will let go and free the lever**

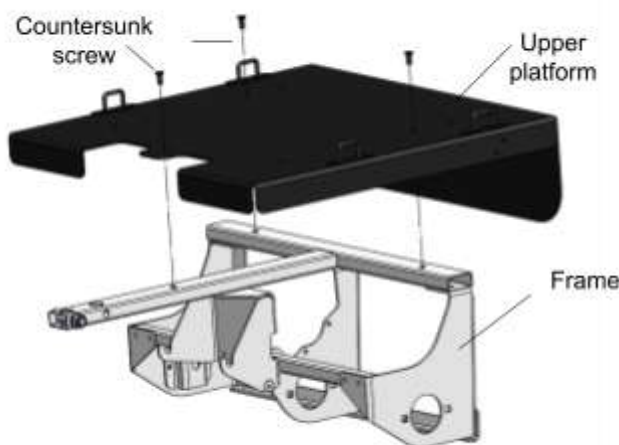
## 9. Uninstalling the B-Back

### 9.1. Removing a module

Unload the B-Back. If a module is installed on your B-Back, remove it in the same way as you installed it. See Chapter 5.6 "Installing the modules" for more details.

### 9.2. Uninstalling the platform

Unscrew the three countersunk screws on the platform using a 4mm Allen key. Remove the upper platform from the frame. Store it in a safe place. You can reassemble it once the B-Back has been uninstalled. Reposition the screws on the frame to avoid losing them.



### 9.3. Uninstalling the brake and derailleur

#### Step 1 : Remove the rear brake

Release the brake caliper cable by loosening the screw with a 5 mm Allen key.



**It is easier to remove the caliper if you have fitted a hydraulic brake.**

#### Step 2 : Remove the chain

Remove the chain from your bike using a quick-release or a chain rivet.

#### Step 3 : Remove the derailleur

Remove the derailleur or chain tensioner from its place on the frame. Let it hang off the bike as far as possible from the backrest.

## 9.4. Removing the clamping system



These steps must be carried out with the B-Back on the floor, not on a workshop stand. Otherwise the B-Back could tip backwards.

### **[Adapt'Elec] Step 1 : Loosen the clamp system**

If you haven't fitted an Adapt'Elec kit, go to step 2.

Carefully unclip the speed sensor bracket. Remove your speed sensor by unscrewing the hardware. See Chapter 5.3, Step 4.2 "Installing the Speed Sensor Bracket". Let your speed sensor hang down from the B-Back as far as possible.

Loosen the handle on the clamping system completely. Remove the rubber washer and then the bottom flange.

Then remove the belt from the Magnet Pulley. Let it hang on the hub.

Reassemble the clamp, then the rubber washer, then the handle, loosely on the frame, in order for the tee tube to move.

Slightly lift the tee tube from the B-Back frame to turn the top clamp a quarter turn. Once the clamp system has been released from the bike frame, place the tee tube with the clamp system on the ground.

Go to chapter 9.5 "Removing the B-Back from the host bike".

### **Step 2 : Removing Adapt'Elec kit**

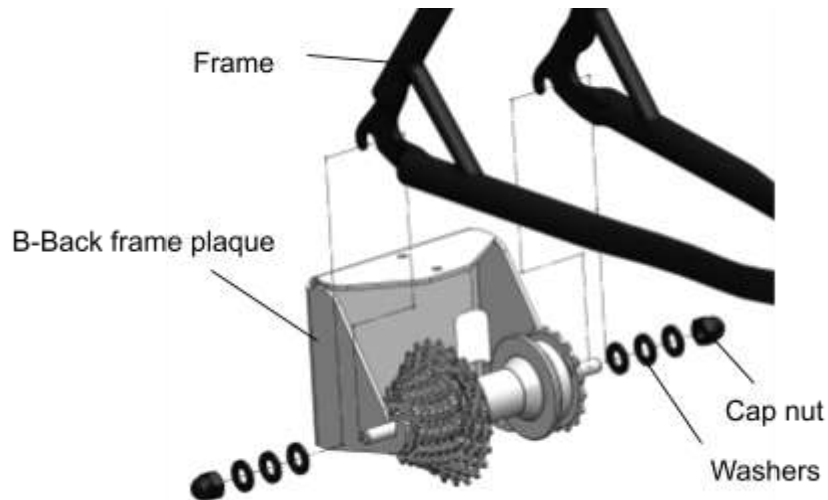
Loosen the clamping system handle in order for the tee tube to move.

Slightly lift the tee tube from the B-Back frame to turn the top clamp a quarter turn. Once the clamp system has been released from the bike frame, place the tee tube with the clamp system on the ground.

## 9.5. Uninstalling the B-Back

Loosen the two cap nuts on the B-Back hub with a 15mm spanner or box wrench.

Remove the bicycle frame from the B-Back hub by lifting it up.



## 9.6. Restoring the bike

To use your bike without the B-Back, you will need to :

- If you had one, reassemble your speed sensor on to the bike frame;
- Remove the cassette from the B-Back hub and refit it to your bike's rear wheel hub (if necessary);
- Reassemble the rear wheel;
- Cut the brake cable to the correct length to fit it back into your brake caliper. Or reassemble your hydraulic brake caliper, shorten the hose, and bleed it;
- Refit your derailleur or chain tensioner (if the bike had one);
- Refit the chain;
- Adjust your derailleur and brake;
- Possibly reassemble your luggage rack, lights, mudguard, etc.

Once the assembly is finished, do not forget to test your bike (brake, derailleur adjustment).

## 11. Cleaning and storage

Your B-Back can be cleaned with a sponge, with a hose or with clean water.

Do not clean your B-Back using a high-pressure hose, as that could result in premature deterioration.

Store your B-Back in a weather-proof area.

## 12. Guarantee charter

The guarantee extends to two years after purchase.

The product must be used according to its Instruction Manual and must be regularly maintained. The original parts must not be replaced with unauthorized parts.

Any damage resulting from non-compliant use, abuse, poor maintenance or normal wear and tear is excluded from the Guarantee.

Our products include components and parts (tires, brake pads, plenum) that are subject to natural wear and tear during normal use. These parts are not part of the warranty.

## 13. Support

If a part of the B-Back does not function correctly, please contact AddBike (support@addbike.fr) or your dealer. We will do our best to help you as soon as possible.

On our website [www.add-bike.com](http://www.add-bike.com) you will find a list of dealers who are trained for the installation and maintenance of AddBike products.