INSTRUCTIONS BODY BIKE® INDOOR CYCLE

BODY BIKE® SMART+



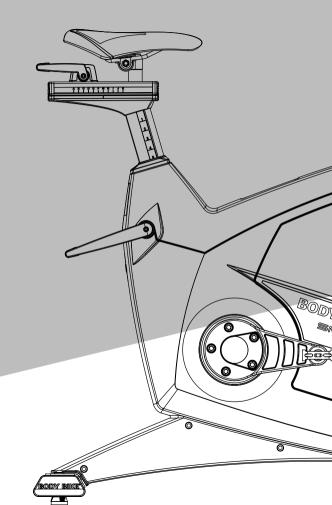


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EQUIPMENT REQUIRED

Unpacking Drill bit Drill

Bottom frame 5 mm Allen wrench

Saddle 14 mm wrench

Pedals 15mm pedal wrench Grease

Cleaning

Tissue paper or cloth Spray bottle with water Soap (only washing-up liquid) Vaseline oil

Consol Box

3mm Allen Wrench

Post cleaning

Cloth Vaseline oil

Adjustment handle

6mm Allen Wrench 5mm Allen Wrench 3mm Allen Wrench Screwdriver

Brake block

8 mm wrench

Poly-V belt

10 mm Allen wrench 19 mm wrench Measuring device Screwdriver

Side covers

3 mm Allen wrench



INTRODUCTION

This manual provides information on the assembly and maintenance of the BODY BIKE® indoor cycle. The manual is intended for the owners and service people responsible for cleaning and maintenance.

Before assembling the cycle, please read the manual and prepare the correct tools, see equipment required page 2. When assembling the cycle, we recommend that you follow the manual step by step.

Maintaining the cycle is very important. In the manual, you will find clear instructions on how to maintain the cycle.

Over time it will be necessary to replace worn-out parts. You will find a detailed description and exploded drawings of BODY BIKE®'s spare parts on our website www.bodybike.com. When ordering spare parts from the local BODY BIKE® distributor, please refer to the item number (P/N no.) in order to make sure you will receive the correct spare part.

We recommend that you order original parts, accessories and materials necessary for the maintenance of the cycle at your local BODY BIKE® distributor.

For further information on accessories, please check our website www.body-bike.com



SPECIFICATIONS

Manufacturer:

BODY BIKE® International A/S Niels Bohrs Vej 2 DK-9900 Frederikshavn Denmark Phone: +45 9843 9696

Weight:

Assembled: 64 kilogram Packed weight(5 cycles): 350kg

Length, Width, Height:

Assembled size: 106cm, 56cm, 99cm Packed size (5 cycles): 120cm, 80cm, 114cm

Maximum user weight

150 kg (Please note that the max. pedal load may be lower)

Patent held for: Crank system

Materials

Cast iron Stainless steel Plastic (ABS) covers High quality bearings Frame: Robot-welded, fully galvanized, powder coated and hardened Anodized aluminum

GENERAL INFORMATION

Wipe off the cycle after EVERY use.

ALWAYS loosen all handles and release tension after use.

The rubber feet should always be adjusted to ensure that the cycle is in level.

Every other year the rubber feet should be replaced as the rubber hardens and becomes unable to absorb the impact. Tighten up the pedals every 14 days or every month to avoid them getting loose or breaking off. Pedals and adjustment handles should be changed once a year.

DO NOT perform stretch exercises on the cycle, pedals or up against the cycle, except against the stretch area at the rear end of the cycle.

DO NOT switch the front or seat post from one cycle to another.

DO NOT lift the cycle by the saddle.

PLEASE NOTE ALWAYS RELEASE TENSION AFTER USE



CERTIFICATION

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

•Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

EU Declaration of Conformity

This device complies with the essential requirements of the Radio Equipment Directive, RED 2014/53/EU. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the RED 2014/53/EU:

EN60950 EN61000-6-2 EN61000-6-3 EN 55022+EN 55024(2010) EN 301 489-1 V1.8.1(2008-04) EN 301 489-3V1.4.1(2002-08) EN 300 440-2 V1.3.1(2009-03)

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use

applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

Hereby, BODY BIKE, declares that the BODY BIKE SMART+ is in compliance with the essential requirements and other relevant provisions of RED 2014/53/EU.

ANT+ and Bluetooth

The SMART+ control box is compatible with BLE/Bluetooth Smart and ANT+ certified.



WARRANTY

As information to our customers we hereby outline the warranty obligations applicable to BODY BIKE® Indoor Cycles. The warranty comes into force the moment the unit leaves BODY BIKE International A/S. To get an overview see figure 1.

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	FRAME	ET WHE	KNOMUFOC	Conton Conton	n consumption	Generot	-ootent	stole consolels	5
BODY BIKE [®] SMART+ SWITCH	5 years	2 years	2 years	3 years	None	2 years	2 years	2 years	
BODY BIKE® SMART+	5 years	2 years	2 years	3 years	None	2 years	2 years	-	
BODY BIKE® SMART+ OceanIX	5 years	2 years	2 years	3 years	None	-	-	-	
BODY BIKE® SMART	5 years	2 years	2 years	3 years	None	-	-	-	
BODY BIKE® CONNECT	5 years	2 years	2 years	3 years	None	-	2 years	2 years	
BODY BIKE® SUPREME	5 years	2 years	2 years	3 years	None	-	-	-	
BODY BIKE® CLASSIC	5 years	2 years	2 years	3 years	None	-	-	-	

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WARRANTY

Warranty for the Danish manufactured BODY BIKE® Indoor Cycle:

A two-year warranty against manufacturing defects, excluding normal wear and tear, is given for the flywheel and pulley. A three-year warranty is given on the crank and the pedal arms, and a five year warranty is given against frame breakage.

Consumable items (such as the poly V-belt, brake pad, handlebar rubber, adjustment handles, saddle and pedals, etc.) which are subject to continuous wear and tear, are not covered by a warranty.

There is currently no warranty applying to the pedals.

The warranty only applies to cycles equipped with original BODY BIKE® spare parts. All warranties are cancelled if the cycle has been modified or in any way not used as intended.

DEASE NOTE

All warranties are cancelled if the control box has been disassembled. In order for the warranty to be sustained, all instructions in the respective manuals have to be followed.

This particularly relates to:

- Replacement of rubber feet on the bottom frames
 once a year
- Replacement of pedals once a year and tightening of these
- General cleaning of the bikes after use with correct materials
- Lubrication of the adjustment handles every 3 months
- Original spare parts must be used on the bike

Warranty repairs are to be carried out by BODY BIKE International A/S in Denmark. At the expense of BODY BIKE International A/S. Related freight costs are held by the customer. Warranty spare parts are shipped ex. works.

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Bottleholder	
Saddle	
Pedals	



UNPACKING

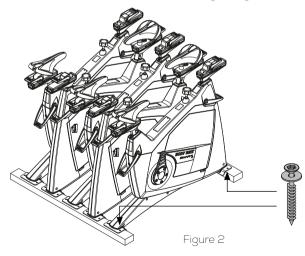
BOTTOM FRAME

1) Open the top of the box.

- 2) Remove all the unmounted parts.
- 3) Flatten the box on the floor next to the pallet.

4) Loosen the two screws mounting the first cycle to the pallet. See figure 2

5) Lift the cycle off the pallet and place it on the flattened box to spare your floor from getting marks.



A fixing tool can be bought at BODY BIKE® International A/S to ease the mounting of the bottom frame. Go to page 30.

1) Arrange the bottom frames parallel on the floor next to the cycle with the correct mounting distance between them, see figure 3. On the front bottom frame, the transport wheels should point forward.

2) Take hold of the front post and seat post and lift the cycle onto the bottom frames, see figure 3. Ensure that the holes in the frame match the holes in the bottom frames.

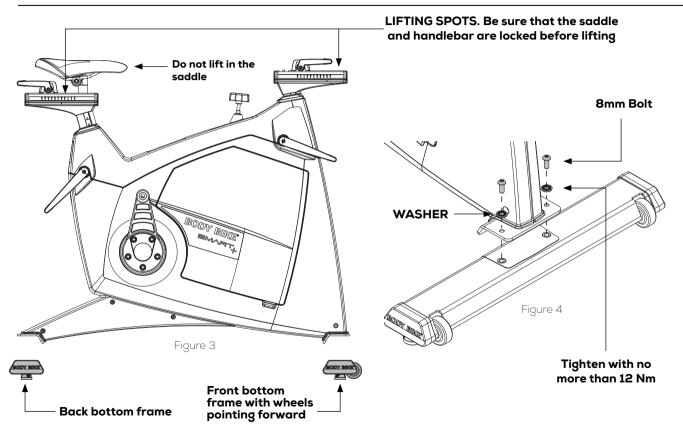
3) Put on the spring lock washer and the 8mm bolt and tighten by using a 5 mm Allen wrench, see figure 4.

4) Unscrew the rubber feet a little. Place the cycle in the correct position. Turn them up and down until the cycle stands properly and it is in level.

🕕 PLEASE NOTE

Do not overtighten the nuts. Max 12 Nm.

BOTTOM FRAME



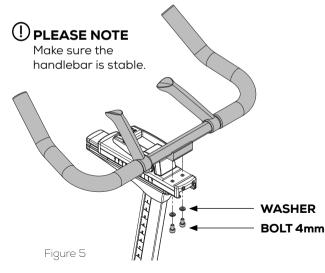


HANDLEBAR

1) Release the front sled and pull it al the way backwards.

2) Place the handlebar on top of the front sled as shown in figure 5.

3) Screw a 4mm bolt into the sled from below. Remember to use a washer in between as shown in figure 5. Tighten with no more than 8 Nm.

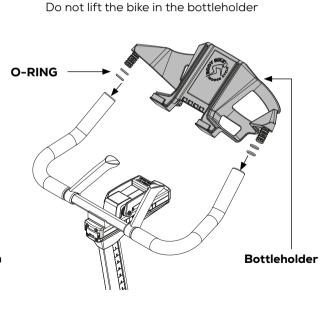


BOTTLEHOLDER

PLEASE NOTE

1) Grab the bottleholder and install two o-rings on each side.

2) Press the bottleholder into the steer as shown in figure6. Make sure that the o-rings stay in place.



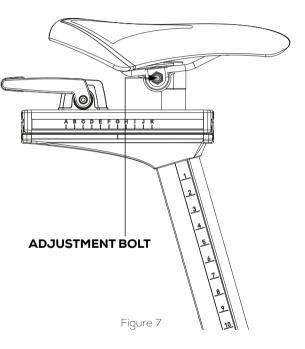
SADDLE

ONLY RELEVANT IF THE SADDLE IS NOT ALREADY INSTALLED.

1) Place the saddle on top of the cylinder.

2) Secure the saddle by tightening the bolt. Adjustment and tilt can be done before it's completely fixed.

Figure 6





PEDALS

1) Place the right pedal arm with the socket pointing upwards, see figure 9.

2) Put maximum resistance on the brake, so the pedal arm is unable to rotate, see figure 8.

Dease note

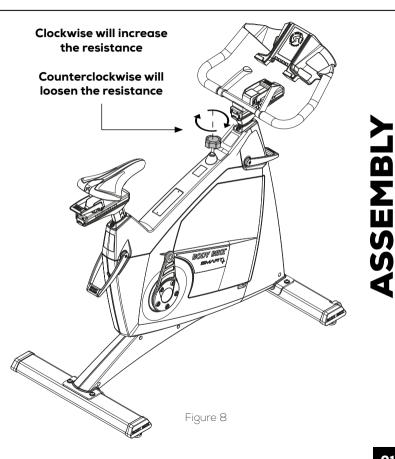
The pedals are marked with R for Right and L for Left side.

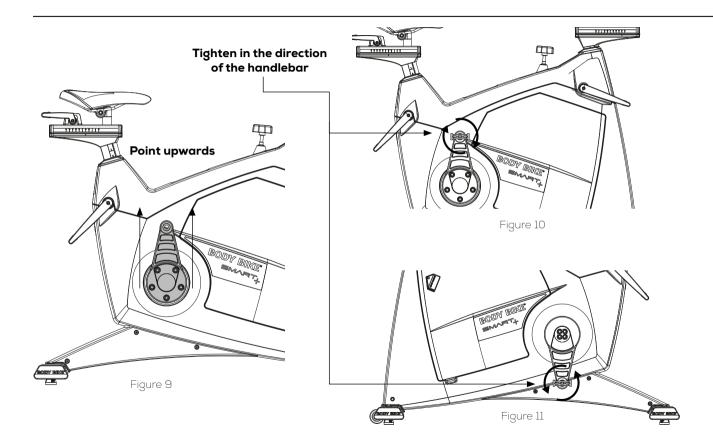
The pedals should always be screwed on in the direction of the handlebar, see figure 10 and 11.

Make sure that the hole in the pedal arm is greased when mounting the pedal.

Start mounting the pedal by hand as tools will tighten the pedal at a wrong angle.

3) After tightening by hand, use a 15mm pedal wrench to tighten the pedal completely (45N/4,5kg).







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ADJUSTMENT HANDLE HORIZONTAL

Every 3 months the handles need cleaning and vaseline oil to protect the parts from sweat, dust, dirt, salt and water.

1) Remove the front end-cap bye releasing the two 4mm bolts. See figure 11

2) Release resistance and push the sled forward. The letter **K** Should be above the line as shown in figure 11.

3) Unscrew the 8mm bolt from below. This enables you to slide off the handlebar from the sled. See figure 11.

4) Remove the handlebar, 8mm

Delease note

Never use grease or vaseline oil on the Brake plate. See figure 13.

bolt, brake plate and plastic tube. See figure 13

5) Clean every part if necessary. Clean also inside the aluminum sled. Do not use any kind of grease inside the sled.

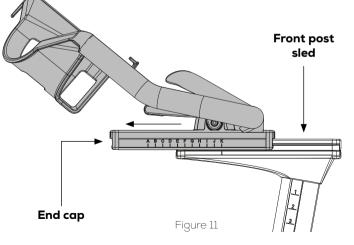
6) Check if the brake plate and 8mm

bolt are fine. If not replace these parts.

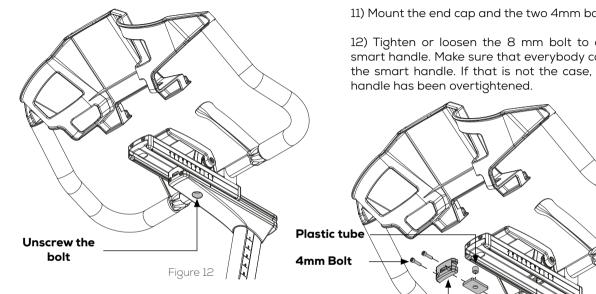
7) **This is optional**. Use vaseline oil on top of the front post sled. Apply sparingly.

8) Reassemble the slep by pushing the brake plate into the front post alu profil. Place it above the hole.

9) Insert the 8mm bolt from







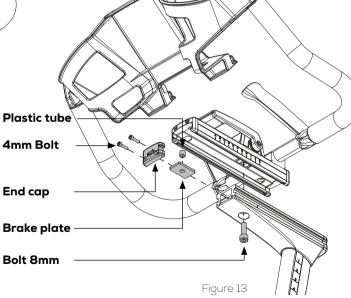
below.

Mount the plastic tube on top of the bolt from above

10) Slide on the handlebar until **K** is above the line. Screw in the bolt.

11) Mount the end cap and the two 4mm bolts.

12) Tighten or loosen the 8 mm bolt to adjust the smart handle. Make sure that everybody can release the smart handle. If that is not the case, the smart



ADJUSTMENT HANDLE VERTICAL

The vertical adjustment handles doesn't need cleaning, but with time they need to be tightened in order to keep the posts in position. In order to do so a 6mm Allen wrench is needed.

Front post adjustment

1) Open the service hatch as shown in figure 23.

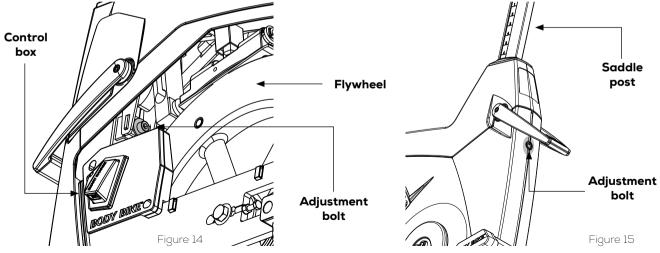
2) Locate the adjustment bolt, just above the control box. See figure 14.

3) Use a 6mm Allen wrench to tighten the front post.4) Lock the adjustment handle and validate if the front post is fixed. Continue until it is fixed in position.

Saddle post adjustment

1) Push the 6mm Allen wrench into the hole at the back of the bike. Tighten carefully.

2) Lock the adjustment handle and validate if the saddle post is fixed. Continue until it is fixed in position.



CLEANING THE FLYWHEEL

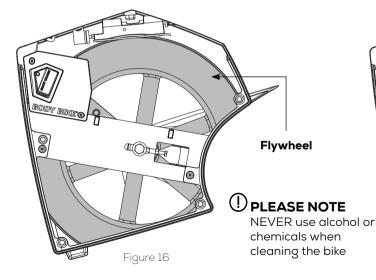


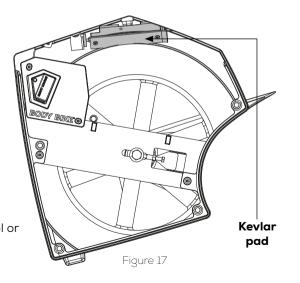
CLEANING THE BRAKE BLOCK

To maintain a smooth ride it is important to clean the flywheel from dust. No cleaning results in an uneven watt output.

 Remove the service hatch. See figure 23.
 Vacuum clean the bike inside when necessary to prevent dust from gathering on the flywheel. If dirt has already gathered on the flywheel edge, use a piece of rough felt to sand it down. To maintain a smooth ride it is important to clean the kevlar pad from dust. No cleaning results in a dark slippery surface on the brake pad and uneven watt output.

 Remove the service hatch. See figure 23.
 Use steel wool or something similar to remove the slippery surface. Vacuum clean the kevlar pad and the inside of the bike afterwards.





REMOVAL OF SIDE COVERS

The side covers can be removed e.g. if the belt needs to be changed. **This is technician only.**

1) Dismount the right pedal arm with an 8mm Allen wrench. See figure 19.

2) Dismount the brake lever. See figure 20. Hold the cap nut with a 17 mm wrench and unscrew the brake handle.

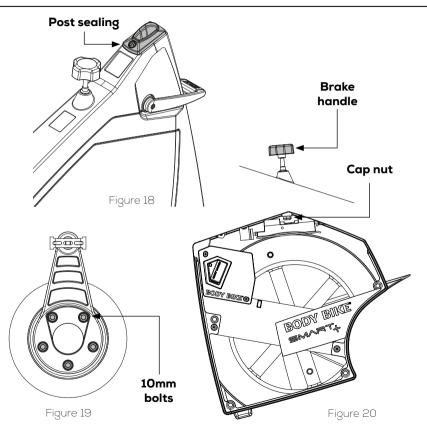
Be sure to catch all internal parts in the brake system.

3) Remove front and back post sealings. See figure 18.

4) Remove the 4mm bolt in the front and back of the bike. See figure 21.

() PLEASE NOTE

Don't change the poly v-belt if you don't have the right tools to install it properly again.

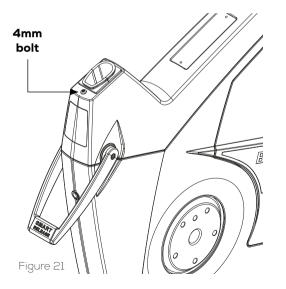




5) Pull off the top cover. This makes the two hidden bolts accessible. See figure 22

6) Remove the service hatch. See figure 23.

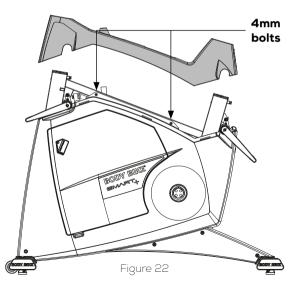
7) Unscrew all bolts on each side cover. 8 bolt on the left side and 11 on the right side. Keep all the bolts together in order not to lose them.



8) It is possible to remove the side covers without removing the 8mm bolt mounted in the bottom frame. But we recommend that it gets removed. See figure 4.

I PLEASE NOTE

When assembling, be sure that the steer and saddle don't get mixed up with others.

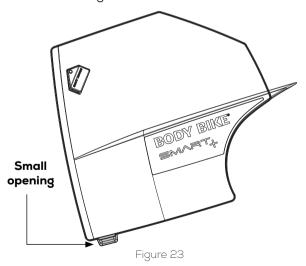


SERVICE HATCH

Most maintenance and actions can be done through the service hatch. Pull out the service hatch in the small opening as shown in figure 23.

PLEASE NOTE

Be careful when remounting the service hatch. The magnets make the hatch snap and can squeeze a finger.



REPLACING THE BRAKE BLOCK

The Kevlar® pad on the BODY BIKE Synthetic Brake has an expected durability of a minimum of 1500 hours, so eventually the brake pad will be worn. To ensure that the brake pad is correctly mounted, it has been pre-fitted to the block, and it is only possible to purchase the complete brake block. Go to page 30.

But most of the time, cleaning the Kevlar® pad is enough to obtain a smooth ride again. See figure 17. If cleaning doesn't help anymore follow the steps below.

Inspect the Kevlar® brake pad after the first month and thereafter every 3rd month. The Kevlar® brake pad should be replaced before it is worn through and reveal the black rubber.

To get to the brake block, it is necessary to remove the service hatch. See figure 23.

1) Release tension completely on the brake. Counterclockwise will loosen the resistance. See figure 8.

2) Remove the two screws holding the brake block to the frame by using an 8 mm wrench, see figure 24.



3) Take the new brake block and fasten it to the frame by tightening the screw closest to the brake block. Then place the block in the correct position under the brake, see figure 25.

4) Fasten the remaining screw furthest away from the block, and then make sure that both screws are tightened properly, see figure 26.

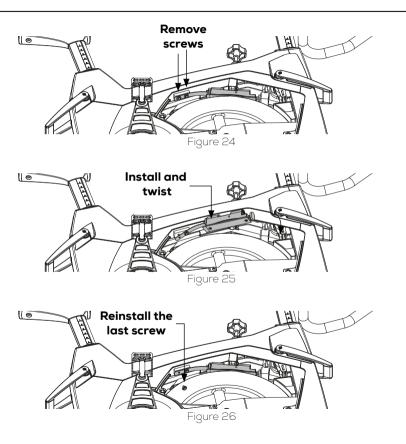
5) Grease should be applied to the cavity on top of the brake block or to the top nut on the brake to ensure a smooth interaction between the two.

6) Finally, remount the service hatch.

Check with the BODY BIKE Indoor cycle app that everything works as normal.



Clean the flywheels outer diameter to an even smoother ride.



POLY-V BELT

If the belt does not catch hold of the flywheel, it is time for it to be tightened. **Do not adjust this if you don't have the right tools. Check step 5.**

1) Remove the service hatch on both sides of the cycle. See figure 23.

2) Loosen the bolts (1) on both sides of the cycle with a 19 mm wrench, See figure 27

3) Loosen the nuts (2) on the counter bolt on both sides of the cycle with a 10 mm wrench, see figure 27.

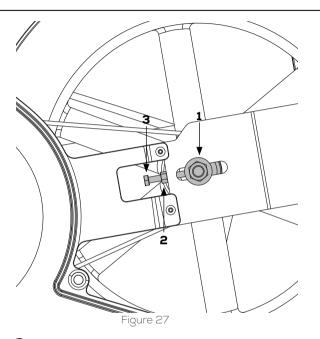
4) Use a wrench to tighten the counter bolts (3). On the right side, the tool should be pulled downwards and on the left side upwards to tighten with a 10 mm wrench.

5) The belt should be tightened to approximately 125 kg/229 Hz. To measure this, a special device can be bought at your local BODY BIKE® distributor. Go to page 30.

6) Tighten the counter bolt (2) on both sides of the cycle again.

7) And tighten the bolt(1) again on both sides of the cycle.

8) Close the cycle by fastening the two hatches again.



I PLEASE NOTE

The belt should be evenly tightened on both sides.

The flywheel should be parallel with the long main side member.

POSTS



Every other week the posts need cleaning to protect them from sweat etc.

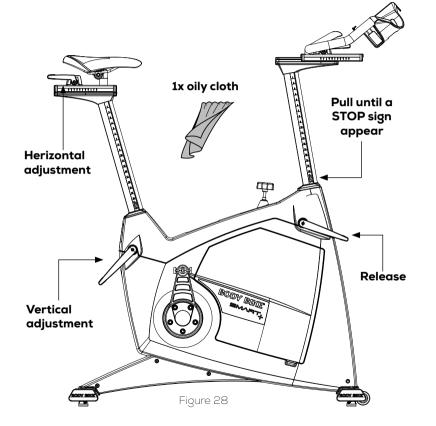
Pull out the seat- and front post until a **STOP** sign appear then wipe them clean with an oily cloth, see figure 28.

Do not pull the saddle and front post out from the bike, unless it was the intention. Remember each bike has a bike nr. which is indicated on the saddle and front post. Therefore, do not switch posts between the bikes.

If this has happened, use the BODY BIKE INDOOR CYCLE app to safely switch the posts back. Step on the pedals and the bike number will appear in the app. Match the number with the number on the posts.

I PLEASE NOTE

The posts should be cleaned every other week to keep them in good condition



CONTROL BOX

The control box is located as shown in figure 40. This is the part of the bike which handles all data. It communicates through ANT+ and Bluetooth, which means that the SMART+ can connect to a long range of different software. Check out Explore and virtual software at www.body-bike.com.

The LED light on the side of the control box tells in which state the bike is in.

1) **Constant blue**. The bike is connected to a device.

2) **Flashing blue**. The bike is searching for a device.

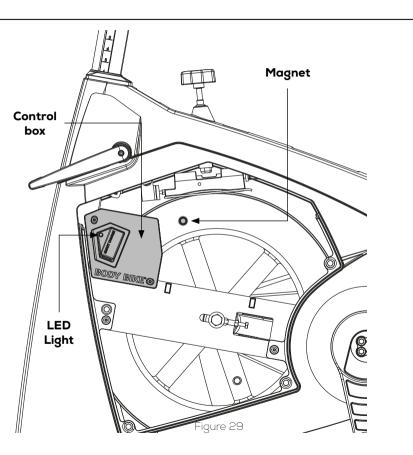
3) **Purple**. Bootloader menu. This is technician only.

4) **Yellow**. Updating firmware. This is technician only.

5) **Grøn**. No loadcell number registred. This is technician only.

PLEASE NOTE

The SMART+ can only be connected to one device at a time trough bluetooth.





If there is no light from the LED, then step on the pedals. The generator will then provide power to the control box. If there is still no light, then open the service hatch and check if the generator spins, then contact <u>info@body-bike.com</u>

Connect the BODY BIKE SMART+ with the BODY BIKE INDOOR CY-CLE App and get a long range of different workout data.

1) Start time

2) Duration

- 3) Intensity scale in percentage.
- 4) Watt (Live, Avg and Max)
- 5) **RPM** (Live, Avg and Max)
- 6) Km/t (Live, Avg and Max)

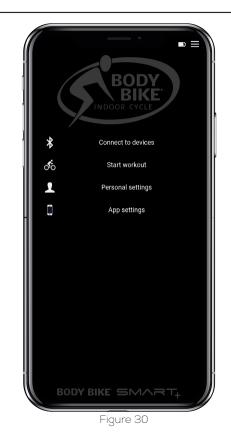
7) Distance

- 8) Kcal/t (Live, Avg and Max)
- 9) HR (Live, Avg and Max)
- 10) **FTP** in percentage.

If some of the Live data doesn't appear eg. RPM, then open the service hatch and check if a magnet is mounted on the side of the flywheel. If not then contact <u>info@body-bike.com</u>.

I PLEASE NOTE

HR data is only possible if an HRM is connected with the BODY BIKE app. Download the app on Play store or App store.



TROUBLESHOOTER

1) The bike is showing an uneven watt output?

In most situations, an uneven watt output is due to a dirty flywheel and brake pad. This needs to be maintained in order to keep up a smooth ride. Go to page 19 and follow the instructions. If this doesn't help go to page 22-23 and follow the instructions.

2) How to get rid of downwards movement in the saddle and steer?

If the front post or saddle post begins to slide down even though they are locked by the smart handles, it is time to tighten them up. Go to page 18 and follow the instructions. Remember, do not overtighten. Everybody needs to be able to adjust the bike.

3) How to get rid of horizontal movement in the saddle and steer?

If the front sled or saddle sled begins to slide forward even though they are locked by the smart handles, it is time to tighten them up Go to page 16-17 and follow the instructions. Remember, do not overtighten. Everybody needs to be able to adjust the bike.

4) Does the LED light, from the bikes left side, have any meaning?

The BODY BIKE SMART+ is equipped with a control box which is the heart of the bike. This box communicated through colour, telling which state it is in. Go to page 26 and get an overview of the colour codes.

5) Does the BODY BIKE SMART+ provide LIVE tracking data?

The BODY BIKE SMART+ provides a long list of tracking data. But an external device is needed in order to display the data. Go to page 27 and download the BODY BIKE INDOOR CYCLE app on your phone.

6) Does the warranty cover me?

If something on your bike breaks it is always a good idea to check if it is covered by the warranty. Go to page 6 and 7. This gives you the overview that you need. If the warranty covers the damage then go to Page 30.



7) Can I replace the handlebar with a new one?

If there are several SMART+ bikes in the room, it is important not to switch the front- and saddle posts between the bikes. The bike has a unique number, which is located on the posts. Go to page 25

8) The poly-v belt doesn't grip properly in the flywheel?

This can easily be fixed. Go to page 24 and follow the instructions. But do not perform this action if you don't have the necessary tools.

9) What is the durability of the brake block?

It is expected that the durability of the brake block is minimum 1500 hours. This can vary depending on the power applied. Go to page 22-23 and check if it is time to replace your brake block.

10) Any good daily advice to keep the cycles in a good condition?

It is not only important to follow the maintenance but also very important to treat the bike well in everyday use. This keeps the bikes in a good condition. Go to page 4 and make sure that this is respected in daily use.

Need any spare parts?

If you need any spare parts for your bike, follow the link below and choose your location. You will then get the direct contact information for your local distributor. <u>https://body-bike.com/distributors-search/</u>

Need more information?

Wanna know more about your BODY BIKE SMART+, follow the link below. <u>https://body-bike.com/indoor-bikes/body-bike-smart-plus/</u>

Need online support?

If you have any questions, problems or anything else regarding your BODY BIKE, you are welcome to contact us on the mail below. info@body-bike.com

Looking for another bike?

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