

User manual



Fun-2-Go



Van Raam BV
Aaltenseweg 56
7051 CM Varsseveld
Netherlands 06.13

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Contact details manufacturer

Van Raam BV
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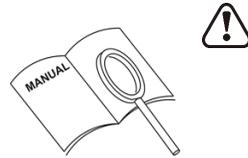
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Conformity

Van Raam declares as manufacturer that the Fun-2-Go bicycle has been produced in accordance with the 93/42/EEG guidelines.

Introduction

This user manual gives important and necessary information about the use of your bicycle. We ask you to go through the manual thoroughly before using the bicycle.



**READ
THOROUGHLY!**

Delivery

- bicycle with possible packaging
- user manuals (s)
- possible charger (s), depending on options

Intended usage

The bicycle is designed for normal use on level and solid ground. The usual bicycle caution should always be taken into consideration. At the same time all safety instructions as described in this manual should be complied with explicitly. Also the local traffic rules should always be complied with.

All other use, including damage or physical injuries due to this, are not the manufacturer's responsibility.

Safety measures

- Ensure the bicycle is in good condition each time before using it.
- Check before **each** ride that the brakes are in order.
- Check the lights and reflectors.
- Regularly check whether all screw joints are tight.
- Regularly check whether the wheels, the handlebars and the saddle are secure.
- Make sure there is sufficient air in the tyres.
- Only use the bicycle on a **solid and level surface**.
- Make sure that wide trousers or loose hanging clothing don't get caught in the chain, spokes or pedals.
- Do not use a pressure washer or a steam cleaner for the cleaning of the bicycle.
- Use the parking brake if the drivers get on or off the bike.
- If children or people with limited mental perception join the bike ride, there should **always** be a responsible supervising person as the main driver of the bike. This main driver is always responsible for the safe use of the bike.

Load

The maximum load should not be exceeded. See information in the index of technical details on page 20. By permitted load we mean the total load, including the load in the basket.

Make sure that the permitted basket weight is not exceeded. People are not to be transported in the basket!

Damaged or worn out parts

The replacement and repair of parts (frame, forks, illumination, brakes, drive mechanism and the handle bars) should **always** be performed by a dealer. If not, the guarantee ceases to be valid and you will be personally responsible in the event of possible damage.



Specific safety parts should **always** be replaced by new parts!

Delivery inspection

Check the delivery immediately after receiving it.

In the event of damage or incomplete delivery we ask you to contact your dealer immediately.

Adjustment of the bicycle

Before using the bicycle, adjust it to the measurements of the 2 cyclists. This is of great importance, especially the seats and the handlebars.

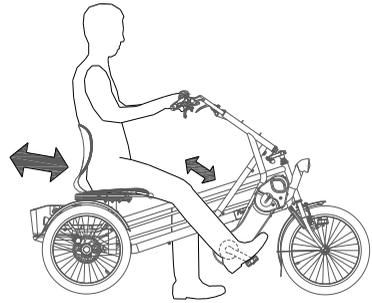


If an optimal adjustment of the bicycle, as defined in the instructions, is not possible for the cyclist, you can contact your dealer for a fitting solution.

The brakes are correctly adjusted as standard and can only be adjusted by the dealer during periodic maintenance.

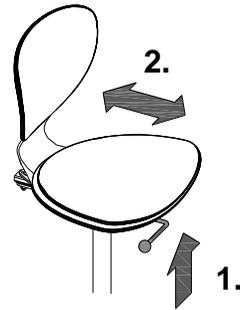
Seat position

The seat position is correctly adjusted when the cyclist is sitting on the bicycle and puts a foot on the pedal in the furthest position. Adjust the seat in such a way that the leg is stretched but still relaxed.



To adjust the seat:

1. Pull the handle up.
2. Move the seat to the correct position and release the handle.

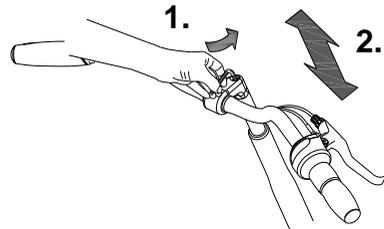


Handle bar height

The height of the handle bars affects the comfort of the ride. It determines the pressure on the hands and the position of the back. Determine your own most comfortable height by using the bike.

To adjust the handle bars:

1. Slightly loosen the screw by using an Allen key.
2. Slide the handle bars to the correct height and tighten the screw very firmly again.



Do **not** pull out the handle bars **further** than the mark. Otherwise the tube will not be deep enough in the shaft and will risk coming off, which can lead to serious injuries.

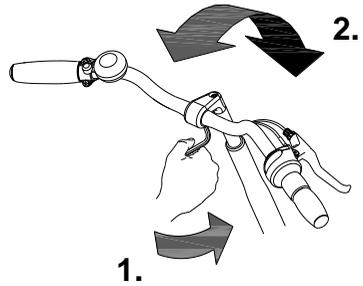


Position handle bars

You can tilt the handle bars. This influences the distance from the handle bars to the upper body. Determine your own most comfortable position by using the bike.

To tilt the handle bars:

1. Slightly loosen the screw with an Allen key.
2. Put the handle bars in the desired position and then tighten the screw very firmly again.

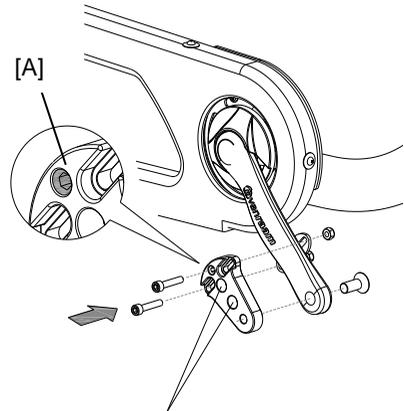


Accessories

Depending on your order, you can use the accessories as described below.

Crank shortener

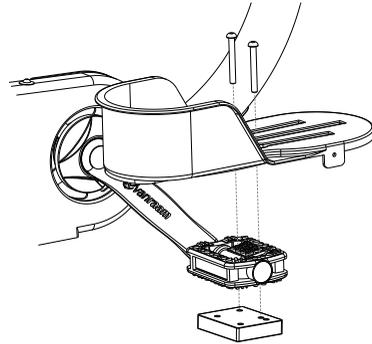
The crank shortener is fitted to the crank, as illustrated. The pedal can then be fitted into the crank shortener at two positions. With the socketed screw (A) the crank shortener should be aligned with the crank.



2 assembly points pedal

Foot support

The foot support is fitted to the pedal with a balance block.

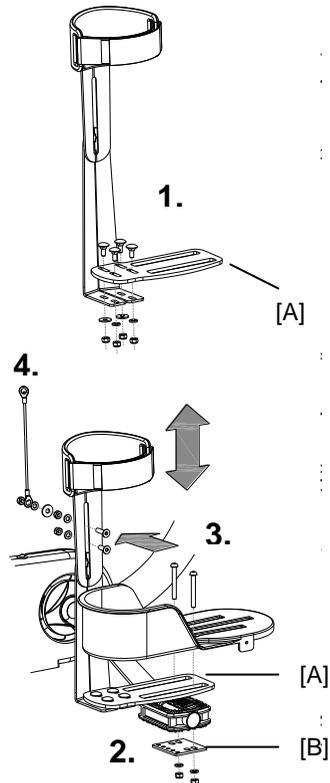


Lower leg support

To fit the lower leg support:

1. First fit the lower leg support to the metal plate (A).
2. The lower leg support is then fitted to the foot support. Make sure that plate (B) is under the pedal and plate (A) is between the pedal and the foot support.
3. Adjust the height of the lower leg support in such a way that it matches the lower leg of the cyclist.
4. Fit the elastic to a point on the frame, so that the lower leg support stays upright in stationary position. Determine by yourself which point is best.

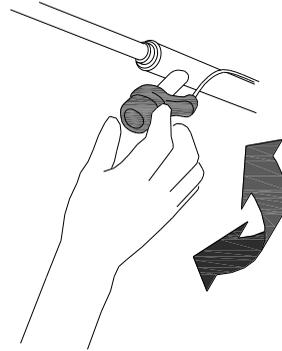
Use the velcro to secure the lower leg.



Speed hub co-driver

The main driver can adjust the co-biking of the co-driver with the speed hub. There are three positions:

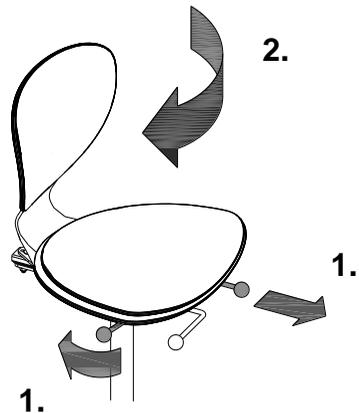
1. The pedals of the co-driver move independently of the pedals of the main driver. The pedals move free and the co-driver can not cycle.
2. The pedals of the co-driver move independently from the pedals of the main driver. The co-driver can cycle also.
3. The pedals of the co-driver are moving together with the pedals of the main driver. The co-driver has to cycle also.



Rotating seat

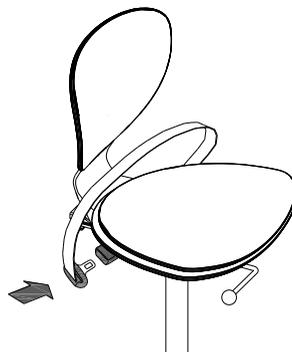
To rotate the seat:

1. Pull the handle to the front and rotate the seat. The seat locks itself.
2. Pull the handle again to rotate the seat back. The seat locks itself again.



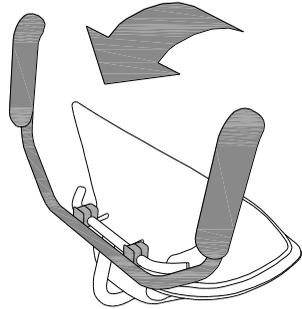
Lap belt of the co-driver

Wrap the belt around the body and buckle it. Push the red button to unfasten the belt again.



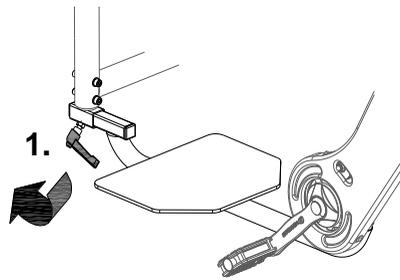
Armrests

The armrests can be switched upwards.



Footrest

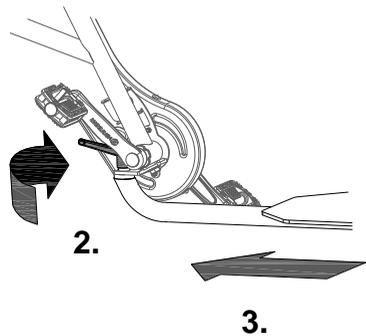
The footrest is mounted on the adapter.



The adapter can be removed from the bike frame. To do this:

1. Slightly loosen the handle behind the footrest.
2. Slightly loosen the handle at the crank.
3. Slide the clamp out of the bike frame.

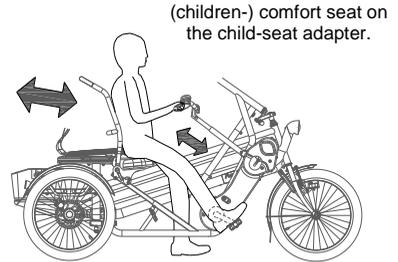
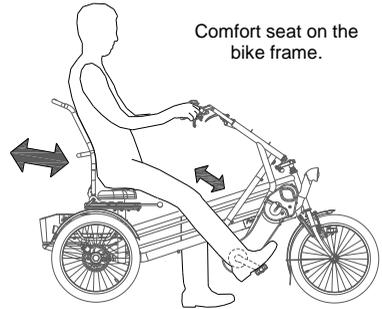
To assemble the adapter again, follow these steps in reverse order.



Comfort seat and children-comfort seat

Depending on your order, the comfort seat is mounted on the bike frame or on the child-seat adapter.

To adjust the position of the seat correctly, the driver puts a foot on the pedals at the furthest position. Adjust the position in such a way that the leg is stretched but still relaxed.

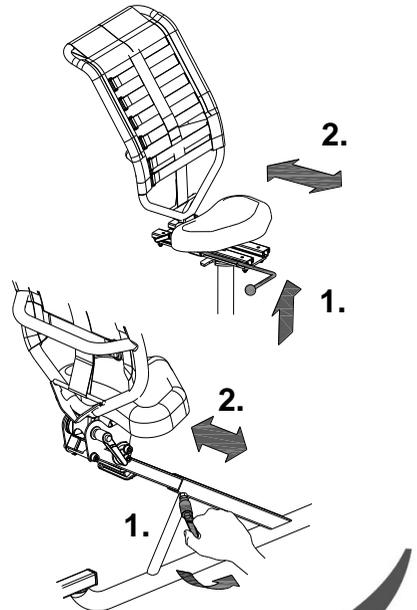


To adjust the seat on the bike frame:

1. Pull the handle up.
2. Move the seat to the required position and release the handle.

To adjust the seat on the adapter:

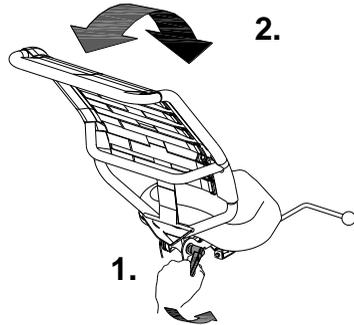
1. Slightly loosen the grip handle.
2. Bring the seat in the required position.
3. Tighten the grip handle again.



Position backrest comfort seat

The backrest can be adjusted to the desired position. To do this:

1. Loosen the wing nut slightly.
2. Put the backrest in the desired position.
3. Tighten the wing nut again.

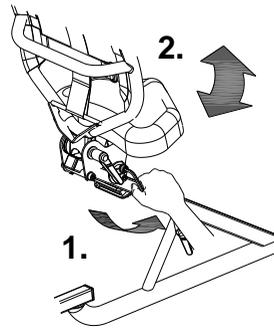


Position backrest comfort seat

(only seat on child-seat adapter)

The back rest can be adjusted to the desired position. To do this:

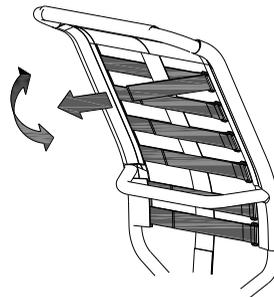
1. Slightly loosen the screw with an Allen key.
2. Put the backrest in the desired position and then tighten the screw again.



Firmness backrest comfort seat

To adjust the backrest to a looser or tighter position:

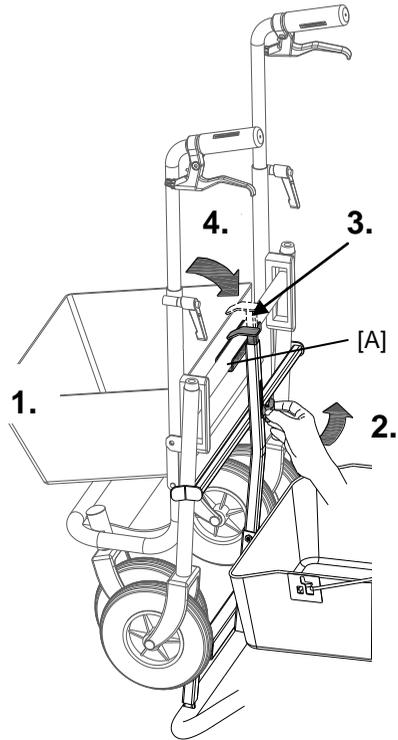
1. Open the straps by loosening the velcro.
2. Tighten the straps or loosen them.
3. Fasten the velcro again.



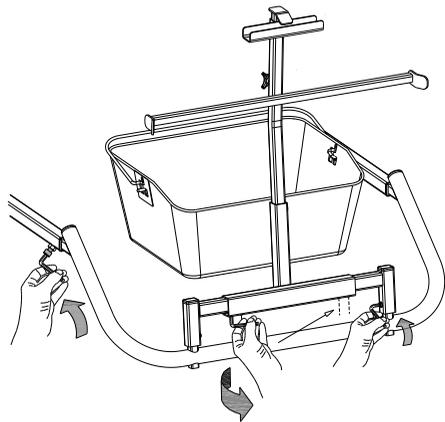
Transporting a walker

To firmly attach a walker to the back of the bike:

1. If possible, fold in the walker.
2. Loosen the star knob.
3. Pull the clamp up.
4. Place the walker with the upper bar in the bracket [A].
5. Pull the clamp [3] down so that the upper bar is closed in. Tighten the star knob again.



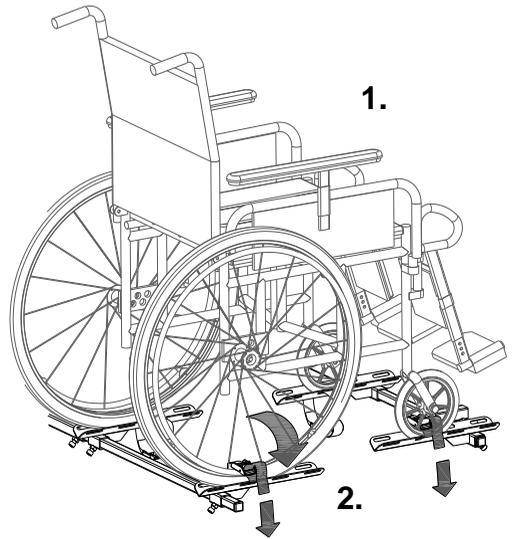
To disassemble the rack, all screws can be loosened with an Allan key. Once they are loosened, all the pipes can be taken out of the frame.



Wheelchair carrier

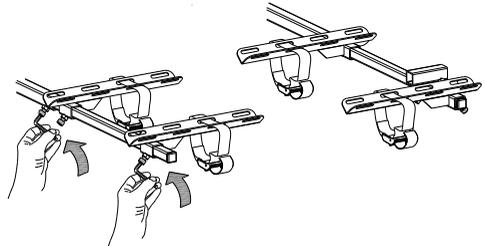
To attach the wheelchair on the back of the bike:

1. Place the wheelchair on the supports.
2. Wrap the belts around the tires and then through the buckle. Next, tighten the belts thoroughly.



Loosen the screws with an Allen key to adjust the supports.

Loosen the screws with an Allen key to remove the rack. When loosened, the rods can be pulled out of the bike frame.



Electric motors

The tricycle can be equipped with an electric Silent motor system or Heinzmann.

Silent Electric motor

The Electric motor has the following Functions:

- Pedal assistance while cycling
- Launch control
- Backwards pedaling with assistance

Press the on/off button to turn on the motor . After the system is turned on, the electric motor is active in level 1.

Level 1 provides light support. Level 3 provides optimum support. You can change the level while cycling.

The engine has launch control. This allows the driver to accelerate without pedaling up to a speed of 5 km / h . To accelerate, press the launch button and keep it pressed down . The motor is activated after 2 seconds.

The reverse gear is activated by pedalling back from a standing position. Within a few seconds the motor is activated and the tricycle cycles at a speed of about 3KM/h backwards when you start to pedal backwards.

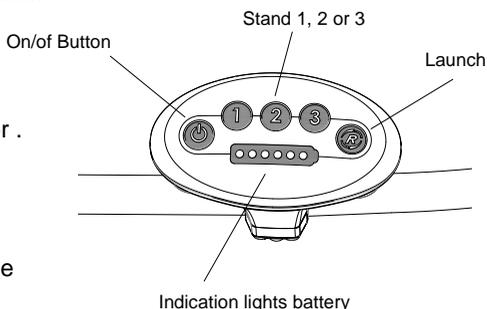


Do not be frightened by an unexpected noise of the electric motor. If you e.g. wait for the traffic light and you play with the pedals by moving them backwards the reverse gear is activated and the tricycle cycles backwards.

With the on/off button, you can turn off the system. When the system is not used, it will automatically turn off after a certain time.

You can see the battery level at the indication lights at the coloured display. If only the red light is on, the battery is almost empty and needs to be recharged or replaced by a new, fully charged battery.

When the last red light flashes, the battery is empty and the engine will not support you any longer while cycling.



When you push the bicycle, turn off the motor.

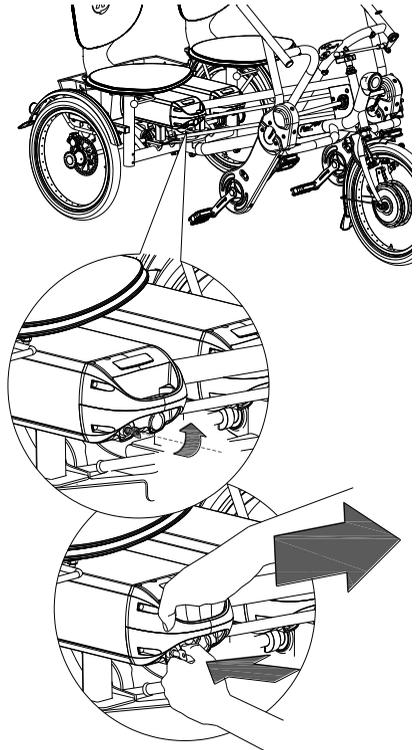
When the motor is not used for several days, the battery switches into the sleeping mode. This to protect the batteries. To activate it, you must connect the battery to the charger for a few seconds or cycle the bike forwards and push the on/off button to activate the system.

Charging the Battery:

For the best performance and to prolong the life of the battery, we recommend that you charge the battery at home at room temperature.

To charge the battery:

- 1
Open the little lock by turning the key a quarter (to the right)
- 2
Push down the lock while pulling the battery with your other hand.
- 3
Take the battery pack into the house. Plug the charger into the plug contact of the battery.



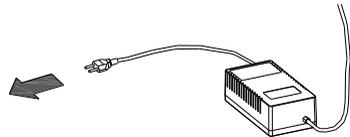
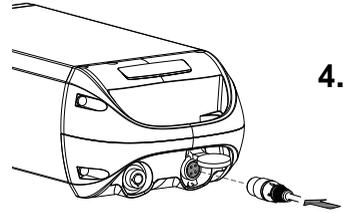
4
Connect the charger plug into the socket. The red light on the charger will light up.

5
Depending on the battery level, the charging time is about 4 hours. If the green light is on, the battery is charged.

6
Once the battery is charged, pull the plug from the socket first..

7
Then pull the connector from the battery.

8
Put the battery back in the holder of the cycle and close the lock.



It is also possible to charge the battery while it is still in the holder.



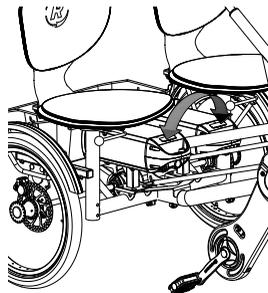
When charging the battery, first connect the charging point and then insert the plug into the socket!
After being charged, first disconnect the socket and only then remove the charger from the tricycle!



After charging, always remove the charger cable from the battery.



Ensure that the battery is always pushed straight into the holder.



Heinzmann Electric motor

The bicycle can be supplied with an electric Heinzmann motor. There are 2 types available.

Accelerator:

The electric motor is operated by using the accelerator. By using the cockpit you start the motor and determine the power of the motor. This motor accelerates and drives with a speed up to 6 km/h maximum. For more speed the cyclist has to pedal as well.

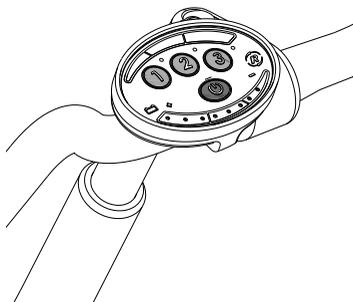
Pas-Vario:

The electric motor is operated by the cockpit. With this cockpit you switch the engine on/off and you can also determine the power of the motor. This motor only supports the cycling and does not accelerate.

Use of the cockpit (same in both types):

Press one of the buttons, 1, 2 or 3 to start the electric motor. With these buttons you can determine the power of the motor, also during cycling.

With the red button you shut down the system. If the system is not used, it will automatically shut itself down after a period of time.

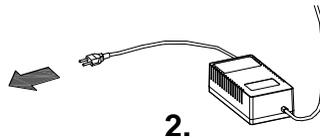
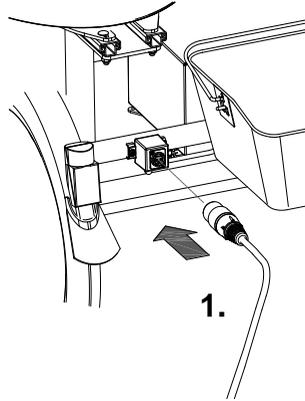


When walking backwards with the bicycle, always turn off the motor.

Charging the battery:

The charging point is situated under the seat at the backside of the bicycle. To charge the battery:

1. **First** connect the charger plug to the charging point under the seat.
2. Put the charger plug in the wall socket.
3. Depending on the state of the battery, it needs 4 to 12 hours to charge. The battery is completely charged when the green lamp lights up.
4. As soon as the battery is charged, **first** take the plug from the wall socket and then disconnect the charger from the bicycle.



Depending on your order, this charger is supplied.



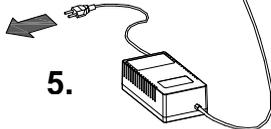
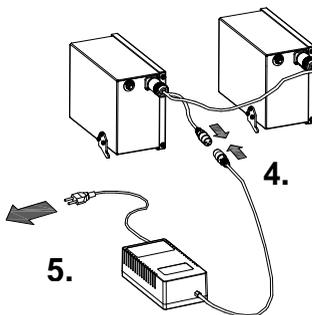
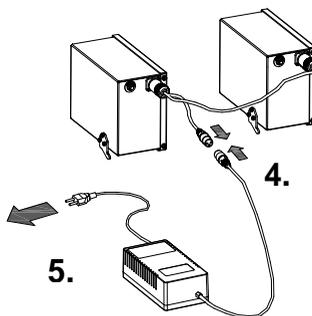
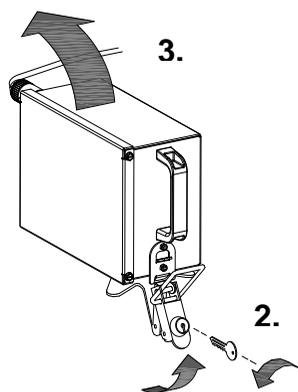
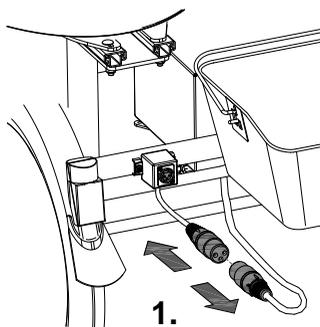
When charging, **first** connect the plug to the charging point on the bicycle and **then** put the plug in the wall socket!
When charged, **first** take the plug from the wall socket and **then** disconnect the charger from the bicycle!

The batteries can also be taken from the containers and charged somewhere else, indoors for instance. To do this:

1. Loosen the charge connector of the batteries from the charging point under the seat.
2. Undo the lock of the fastening device and open it.
3. Take the batteries from the containers.
4. Put the batteries down and connect the charge connector of the batteries to the connector of the charger.
5. Put the charger plug in the wall socket. The red light will light up.
6. Depending on the state of the battery it will take 4 to 12 hours to fully charge.
7. As soon as the battery is charged, **first** take the plug from the wall socket.
8. **Then** take the charge connector of the batteries from the connector of the charger.
9. Place the batteries back in the containers on the bicycle and lock the fastening devices.
10. Then, connect the charge connector of the batteries to the connector of the charging point again.

Beware: 

- Charge the battery until the green lamp lights up.
- Never interrupt the charging process.
- For the lifespan of the battery it is better to charge the battery when it is almost discharged.
- It is damaging for the battery if it is not used for more than 2 months. In that case charge the battery every now and then.
- The case of the charger may not be opened by the buyer. In the event of problems go to your dealer!
- Only use the charger in non-humid indoor spaces.
- Below 5 degrees Celsius the charger will not function properly. In that case it is advisable to charge the batteries indoors.



Extra accessories are available at your dealer.

Before the first use

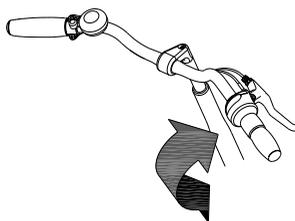
Parking brake

Always use the parking brake if you park the bicycle and leave it behind.



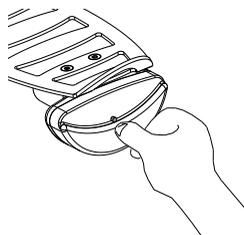
Gears

Standard the bicycle has 8 gears. The gears are used by turning the grip. **Do not use the pedals** when turning the grip.

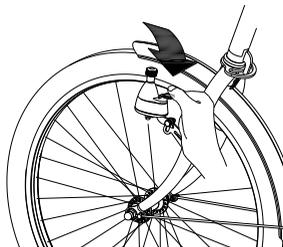


Illumination

The back light works on batteries. Push the button to switch the light on and off. The light has 2 modes; steady and flashing.



The front light works on the dynamo. Push the button so that the dynamo moves against the tyre. To turn off the light push the dynamo back again.



Check before every ride:

- the brakes (including the parking brakes)
- the tyre pressure
- the illumination
- that all parts are secure

Contact your dealer and do not use your bicycle if you identify any irregularities!

As with all mechanical parts, the bicycle is subject to wear and tear and high loading. If a component fails, it can lead to very dangerous situations. This can lead to damage or injuries to the user of the bicycle. Any form of tearing, scratching or changing of colour is an indication that the part should be replaced.

Important safety points for the cyclist

- Go very carefully during the first ride.
- When riding the bicycle hold both hands firmly on the handle bars and feet on the pedals.
- Test the riding style of the bicycle on rough ground at moderate speed. This way the cyclist learns how to react to unexpected movements of the bicycle and the handle bars during use.
- Small obstacles should be cycled over with appropriate speed.
- Obstacles higher than 5 cm should be avoided.

Technical details

Length (cm)	200
Width (cm)	113 includ. armrest
Front wheel	20"
Back wheel	20"
Weight (kg)	From 50
Max. load basket (kg)	20
Total max. load (kg)	260
Brakes, front	Cantilever brakes
Brakes, back	Disk brakes

Maintenance and adjustments to be done by owner

Below you can find the instructions for maintenance and adjustments that you can do yourself on a regular basis, which will keep your bicycle in top condition.

Cleaning

The frame of the bicycle can be cleaned with a damp cloth. For areas that are dirtier you can use a mild detergent. The wheels can be cleaned with a damp brush with plastic hairs (not a wire brush!) The grips and the seats (except the upholstery) can be cleaned with mild soap and water.



Do not use a pressure washer or a steam cleaner!

Cleaning the upholstery of the seats

The upholstery and the back rest of the seats are removable and can be cleaned. You can wash them in the washing machine at 40°C maximum.

Inspection of the bicycle

After 200 kilometres or after a period of 2 months the bicycle should be inspected. Check the brakes, the illumination and the spokes. Also check the tyre tread depth. This should be at least 1 mm. Worn out tyres or possible faulty parts should be replaced.

Also check the parking brake. With the parking brake pulled up, the bicycle should not ride away with the cyclist.

Checking the rim

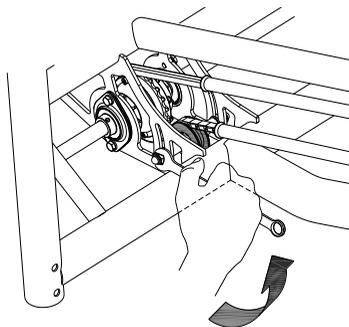
Due to the combined action of the brake and the rims, not only the brake lining but also the condition of the rim is important. For this reason the rim should be checked at regular intervals, for example when you inflate the tyres. The presence of fine cracks in the spoke punches or deformation of the rim when there is higher air pressure, indicate more serious wear and tear. In that case the rim should be replaced, because it can lead to loss of brake function or even a crack in the rim, which can lead to all kinds of dangerous consequences.

The correct tension of the chains

There are three chains on the bicycle. The chains should not be too tight. They should hang loose. Without effort you should be able to move the chain up and down, half a centimetre approximately.

To keep the tension of the central chain correct, a special tensioning wheel is fitted by the back axis of the bicycle, as an integrated chain tensioner. To adjust the tension of the chain:

1. Slightly loosen the screw. Hold the nut at the back tight with a socket wrench to stop the screw from slipping.
2. Shift the tensioning wheel in such a way that the chain hangs loose, as described above.
3. Tighten the screw again.



To keep the tension of the two chains at the front correct, you can adjust the special tension wheels by the pedal axes. To do this:

1. Slightly loosen the screw. Hold the nut at the back tight with a socket wrench to stop the screw from slipping.
2. Shift the tensioning wheel in such a way that the chain hangs loose, as described above.
3. Tighten the screw again.



The right lubricant

The chain should be cleaned and maintained at regular intervals (every 3 months approximately). Only use special chain grease or Teflon spray. This is the only way to make sure that the chain will run smoothly, will stay water resistant and will not rust.

Wipe the chain with a cloth, treat it with grease or spray and remove any excess lubricant with a rag.

Other parts should not be treated with a lubricant.

Repairs and maintenance to be done by dealer

It is recommended that the bicycle has a yearly inspection carried out by the dealer. In the event of technical trouble or faults, the bicycle should be taken to the dealer for repairs **immediately**.

The replacing of safety-related components (especially frame, brakes, illumination, handle bars, front fork and actuation) should be performed by the dealer.

If you still decide you want to replace components yourself, you are responsible for damage or harm due to incorrectly fitted components.

Only use **original** spare parts, which you can buy at you dealer. If requested the dealer will make the necessary information on repair and maintenance available.

Disposal

If you want to dispose your bicycle, contact your dealer. You can also contact the local waste disposal company. They will dispose the bicycle according to the regulations of your town.

Handover/sale to a new owner

When you hand over your bicycle to a new owner it is important that you also hand over all necessary technical documentation so that the new owner can use the bicycle safely.

Guarantee

The guarantee is valid for all faults in the product, which are proven to be caused by material or manufacturing error.

For our bicycles we give a guarantee of 5 years on the frame and the front fork. For the paint, all accessories and other parts (except wear parts) we provide a 2 year guarantee, as legally regulated.

Beware!

The guarantee as well as the product liability in general expires if the instructions stated in this manual are not followed. This is also the case if unauthorized maintenance is carried out or if technical changes or additions are made without permission of Van Raam.

Frame number

The frame number is printed on the sticker. This sticker is located on the frame, see the image below.

Example sticker:



Frame number

Position of sticker:

on the back bridge tube

