

Instruction



Van Raam GoCab B.V. | Guldenweg 23| 7051 HT Varsseveld |
Nederland |



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Thank you for your trust

With this GoCab, you get a bicycle with the latest technology and optimal user convenience, suitable for daily use. This bicycle has been produced with utmost care. To assist you in getting started, we provide a comprehensive instruction before using the GoCab. Both technical aspects and riding skills are covered in this instruction. In this booklet, you will find the key points from this instruction.

For detailed technical explanations of specific functions, please refer to the user manual.

If you have any questions about your GoCab or suggestions to supplement the user manual, feel free to contact us anytime.

We wish you lots of fun and many enjoyable, safe kilometres with the GoCab!

Van Raam GoCab B.V.

Technical aspects

Handlebar:

The following functions can be found on the handlebar:

- Bell;
- Gears;
- Handbrakes;
- Parking brake;
- Mirrors;
- Display;
- Turn signals (optional).

Bell

On the left side, you'll find the bell. Its operation and function are self-explanatory.

Gears

The GoCab has eight gears. The gear is operated by turning the handle. Do not pedal while shifting. The gears can also be shifted or adjusted while stationary.

Handbrakes

The GoCab is equipped with two handbrakes on the handlebar and dual brake calipers on the rear wheels. Both operate an independent hydraulic braking system on the rear wheels. For maximum braking power, you can use both brake levers. Be cautious when braking, as the brakes are very powerful.

Parking brake

The parking brake is the red lever on the handlebar stem. **Always** use the parking brake when parking and leaving the bike. Also, engage the parking brake when children are getting in and out of the bike. Preferably, park on a horizontal surface. The parking brake is engaged when the lever is down.

Always try to park the bike on a horizontal surface. If it's unavoidable to park on a slope, always use the parking brake. The bike should never be parked on a slope greater than 6 degrees.

Mirrors

For added safety, there is a standard mirror on the left side of your bike. It is adjustable to your preference. During the riding instruction, attention will be given to how and in what way it is best to adjust the mirrors.

Display

The display consists of two different parts. The information screen on your handlebar with two buttons and the button module close to your handle with four buttons. You can set the desired level of support on a Van Raam bicycle. The electrical system has 3 levels. You can change the support level by using the plus and minus button close to the handle of your bike.

After starting up the electrical system, the information screen is shown on the Silent smart display. This screen displays current cycling information. Among other things, the speed, remaining battery capacity, active assistance mode are displayed here. At the bottom of the screen are the mode screens, these can be switched using the mode button on the button module.

Turn signals (optional)

To operate the turn signal, press the switch to the left or right. To turn off the turn signal, move the switch to the middle position. The turn signal operates on batteries, so the electrical system does not need to be on to use the turn signals.

General:

- Lighting
- Saddle and seat height
- Bike lock
- Tires

Lighting

The bike is equipped with centrally controlled lighting, connected to the electrical system. The lighting automatically turns on when the electrical system is activated.

You can manually turn the lighting on and off by pressing the power on/off button on the display. When the electrical system is turned off, the lighting automatically turns off. If the battery is almost empty, the motor will no longer provide assistance during cycling, but the switchable lighting will still work on residual power.

Saddle and seat height

The saddle is easily adjustable in height. Adjust the saddle height correctly by sitting on the bike and placing one foot on the pedal in the lowest position. In this position, your leg should be slightly bent. Ensure that you have a clear view of the road.

Be careful **not** to extend the seat post **beyond** the marking.

Bike lock

The lock is stored in the lower right compartment. The lock is ART certified. Always lock the bike when leaving it unattended.

Tires

The tires are filled with 4 bar pressure. Ensure that the tire pressure is correct for a more comfortable and safer ride. The tires are tubeless, meaning there is no inner tube.

Seating area:

The following instructions apply to the seating area:

- Seating;
- Distribution;
- Cover;
- Seatbelts;
- Luggage position;
- Space beneath the seating area.

Seating

The GoCab is designed for 8 children. Each child has their own seat on the bicycle. Children being transported must be capable of sitting independently. Boarding is simple by turning the handlebars to the left.

Distribution

Ensure that you evenly distribute the number of children in the seating area. Always try to have the same number of children on the left and right sides. Place the smaller children in the front and the slightly larger ones in the back. A proper distribution is important to minimize the risk of tipping.

Cover

The side windows on the GoCab can be easily removed. Unfasten the loops of the elastic. Then, open the zipper and detach the hooks at the bottom of the seating area. The top cover can be opened by releasing the bayonet closures at the front and back.

Seatbelts

Each seat has a seatbelt designed to secure the children in their seats during cycling. Ensure that the seatbelt is properly adjusted and check that it is securely fastened. The seatbelts are marked with colors to easily identify which ones belong together.

The seatbelts for the front seats may be a bit more challenging to reach. To address this, you can partially unzip the front of the cover to access and fasten the seatbelts from the outside.

Luggage position

You are allowed to bring 20 kg of luggage in the GoCab. You can use the space at the front of the bicycle for this purpose. Additionally, you can stow extra luggage under the cover on the right side.

Do not leave any luggage lying around in the seating area.

Space beneath the seating area

On both sides of the seating area, there is additional space. On the right side, there is a zipper in the cover to access the extra space. This area can be used for the charger and optional Pouch Package (including a First Aid Kit and other accessories).

The left side cannot be utilized for storage space because it houses the battery and protects the moving parts of the bicycle.

Battery and electrical system:

The following instructions apply to the battery and the electrical system:

- Display;
- Starting;
- Reversing;
- External charging point;
- Battery position;
- Charging the battery;
- Installing the battery;
- Sleep mode battery.

Display

The Silent smart display consists of two different parts. The information screen on your handlebar with two buttons and the button module close to your handle with four buttons. You can switch on the system by briefly pressing the on/off button left below the information screen the information screen. Your bike is in position 1 by default. To switch the system off again, press the on/off button for about 2 seconds.

Starting aid

With the starting aid, pedal assistance is activated up to a speed of 6 km/h, without having to pedal yourself. To do this, press and hold down the starting aid button (6). If the button is pressed again, the function is reactivated. If you press the starting aid button while cycling, you will get a "boost". This boost will have the same maximum speed as the bike. The activated pedal assistance mode determines the degree of assistance of the starting aid and the "boost".

Reversing

The reverse function is activated by pedalling backwards from a stationary position. After a few turns of the wheel, the motor is activated and the bicycle will reverse at the speed of 3 km/h for as long as it is pedalled backwards.

Do not let the electric motor's sudden behaviour take you by surprise. For example, if you wait at the traffic lights and pedal backwards just for fun, the reverse function will be activated and the bike will start riding backwards!

External charging point

There is an external charging point located at the back of the seating area (under the handlebars) to charge the battery while it is connected to the bike.

Battery position

The battery is situated under the seating area on the left side of the bike.

Charging the battery

You can also remove the battery from the bike for charging. The small lock serves as the release button.

For optimal battery condition and capacity, we recommend charging the battery indoors at room temperature. Ensure not to charge it in direct sunlight, and store the battery in a space between 5 and 20 degrees Celsius.

Charging the battery takes approximately 4.5 hours. Once the battery is fully charged, the green LED on the charger will stay lit continuously.

The magnetic connector ensures that the charger connects securely to the charging point. This also applies to the extension cable of the external charging point.

Installing the battery

Disconnect the cable from the external charging point. Unlock the battery by turning the key a quarter turn. To remove the battery, press the lock/release button and slide the battery out of the slot by pulling on it. When reinserting the battery, repeat the process. You can lock the battery by using the small lock. **NOTE!** Install it by giving it a firm push until it reaches the end stop. Ensure it is securely in place. Don't forget, when you want to use the external charging point, to reconnect the plug to the battery.

Sleep mode battery

If the battery is not used for approximately half an hour, it enters sleep mode. To wake the battery from sleep mode and make it usable again, you can either turn on the bike, connect the charger to the battery, or press the button on the battery indicator.

Deep sleep mode battery

When the battery is almost empty and has not been used for a week, it will enter deep sleep mode. In this mode, the battery minimizes energy consumption, extending its overall lifespan. While in deep sleep mode, the battery cannot be used.

To bring the battery out of deep sleep mode and make it usable again, press the button on the battery indicator. It is advisable to charge the battery before using it in this case. **Note:** The battery will not exit deep sleep mode if you turn on the bike or connect the charger without pressing the indicator button.

Checkpoints

Before heading out with the GoCab, it's essential to check the following points:

- Check the brakes
- Check the battery and battery voltage
- Check the lighting
- Ensure there is sufficient air in the tires
- Verify that the saddle and handlebars are at the correct height
- Ensure that the rearview mirrors are properly adjusted

Driving skills - explanation

Regarding driving skills, there are several points to mention in advance:

- Intended use
- A tricycle
- Position on the bicycle
- Visibility

Intended use

The GoCab is designed to transport 8 children on public roads, specifically on flat and solid surfaces. The maximum supported speed is 16 km/h. Be cautious not to develop excessive speed, especially when descending slopes. Plan your route in advance to primarily use dedicated bike paths, and minimize participation in fast-moving traffic. Consider routes through 30 km/h zones instead of 50 km/h roads whenever possible.

A tricycle

The GoCab is a tricycle, which rides differently than what you may be accustomed to. You sit very stably on the bike and do not need to lean into turns. This may take some getting used to, but it's more comfortable than a traditional cargo bike where the handlebars move with the turn. You can simply stay seated, focus on the road, and turn the handlebars. Additionally, you have a small turning radius. **Tip:** Keep your feet on the pedals for as long as possible; the quicker you'll get used to a tricycle. With a tricycle, there's no need to put your feet on the ground; you cannot tip over.

Position on the bicycle

The driver of the GoCab is slightly off-center. This is intended to provide more space for children to board. Additionally, positioning the driver on the side allows for a better overview of traffic.

Visibility

You cannot see the front wheel of the GoCab. Keep in mind that you can see the furthest point of the bike, providing sufficient visibility of what is happening in front of you. However, exercise caution, especially when exiting an alley, as the front of the seating area may extend beyond the alley, and you may not have a clear view of the traffic. Use the mirrors to have a good rear view and be aware of your surroundings.

Driving skills - practical

It's advisable to experience certain points before taking the GoCab out with the children. Here are some simple exercises to do and feel how the bike responds. All tests are good to try both without and with a load, as the bike reacts differently.

- Getting started (shifting, support & starting aid)
- Emergency stop
- Turning radius
- Bollard test
- Tilt sensation / Curb
- Reversing
- Starting with brake
- Incline (if applicable)
- Speed (if applicable)

Getting started (shifting, support & starting aid)

Try getting the GoCab in motion. Use the starting aid once, and then try it without. You will feel a clear difference.

Emergency stop

Now that you have some experience with steering the bike, it's good to make an emergency stop. This way, you'll feel how the bike reacts and how quickly it comes to a stop.

Turning radius

The turning radius of the GoCab is larger than what you're used to with a regular bike. Try making a few turns to get a feel for it. Choose a location where you want to turn and see if it works for you.

Bollard test

Drive between two bollards (or cones if there are no bollards). The GoCab is wide, but in regular traffic, you can typically navigate through most spaces.

Tilt sensation / Curb

Make a sharp turn and feel how it affects the bike and yourself. The GoCab is safe and will remain stable even in the most extreme situations. However, it's good to experience this firsthand. Sometimes, you might unexpectedly encounter a curb, especially when approaching

it at an angle, which might feel a bit unusual. Find a curb nearby, ride off it, and feel what happens to your stability and the bike's stability.

Reversing

Perform a test with the reverse function of the electric system. Try reversing into a parking spot. Experiment with the reverse function to navigate through a slalom.

Starting with brake

Press the handbrakes and try to move off. Do the same with the parking brake engaged. This way, you'll get a sense of how powerful the brakes are.

Incline (if applicable)

When on an incline, you can feel how the support levels and the correct gear assist in climbing the slope.

Speed (if applicable)

If you're cycling at high speeds, ensure you stay alert and anticipate ahead. Reduce your speed in turns to avoid dangerous situations. Keep in mind that higher speeds affect the length of the braking distance.

Disclaimer

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Checklist

Handlebar

- Bell
- Gears
- Handbrakes
- Parking brake
- Mirrors
- Turn signals (optional)

General

- Lighting
- Saddle and seat height
- Bike lock
- Tires

Seating area

- Seating
- Distribution
- Cover
- Seatbelts
- Luggage position
- Space beneath the seating area

Battery and electrical system

- Display
- Starting
- Reversing
- External charging point
- Battery position
- Charging the battery
- Installing the battery
- Sleep mode battery

- Checkpoints

Driving skills - explanation

- Intended use
- A tricycle
- Position on the bicycle
- Visibility

Driving skills - practical

- Getting started (*shifting, support & starting aid*)
- Emergency stop
- Turning radius
- Bollard test
- Tilt sensation / curb
- Reversing
- Starting with brake
- Incline (if applicable)
- Speed (if applicable)

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