

Maintenance booklet



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



Versie 2022.05

Thank you for your trust

With this GoCab, you get a bicycle equipped with the latest technology and optimal user convenience, which you can safely use on a daily basis. This bicycle has been produced with the utmost care.

To fully enjoy this GoCab specially produced for you, it is essential that the bicycle is adjusted to your specifications, and the instructions in the user manual are followed. Before the initial use of the bicycle, carefully read and adhere to the user manual so that you can quickly and fully familiarize yourself with the GoCab and recognize and prevent potential dangers for yourself and others.

To be eligible for warranty claims, the delivery receipt must be fully completed. The date of delivery marks the commencement of the legal warranty period. For comprehensive warranty coverage, the GoCab must undergo demonstrable maintenance by Van Raam GoCab B.V. (or a service partner designated by Van Raam GoCab B.V.) at least once a year - recorded in this maintenance booklet under the section '**Service, Maintenance, and Modifications Form**'. With the delivery receipt, Van Raam GoCab B.V. and the customer acknowledge that:

1. The customer has received instructions on the operation of the GoCab.
2. The GoCab has been adjusted to meet the customer's preferences.
3. The customer has received the original GoCab user manual, maintenance booklet, and instructions.

If you have any further questions about the GoCab or suggestions to enhance the user manual, maintenance booklet, or instructions, feel free to contact Van Raam GoCab B.V.

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

Van Raam GoCab B.V.

Technical specifications

Length (cm)	256
Width (cm)	110
Height (cm)	141
Entry height (cm)	49
Front wheel	20 "
Rear wheels	20 "
Weight (kg)	Approx. 152 (model-dependent)
Max. driver weight (kg)	120
Max. passenger weight (kg)	280
Max. luggage weight (kg)	20
Front brakes (parking brake)	Mechanical disc brake
Rear brakes	Dual, independent hydraulic disc brakes
Tire pressure	4-6 bar
Battery voltage	36 V
Battery capacity	24,8 Ah
Motor power	250 Watts

Bluetooth Low Energy	
Frequency	2400-2480 MHz
Transmission power	< 10 mW
GSM	
900 MHz	2 Watt
1800 MHz	1 Watt
Positioning	
GPS	1575.42 MHz
Glonass	1591 – 1615 MHz

Maintenance and cleaning

It is necessary for the bicycle to be inspected at least twice a year by Van Raam GoCab B.V. to continue to be eligible for warranty claims. Use the **'Service, Maintenance, and Modifications Form'** at the back of this maintenance booklet for this purpose. The first service appointment should be scheduled around 6 months after the initial purchase. In addition, depending on the components, there will be a need for periodic checks and maintenance at varying frequencies, as detailed in this chapter.

In the case of malfunctions or defects, the bicycle must be **immediately** taken to Van Raam GoCab B.V. for repair.

The replacement of safety-related components (especially frame, brakes, lighting, handlebars, front fork, and drivetrain) must be carried out by Van Raam GoCab B.V. If you choose to replace components yourself, you are personally liable for any damage or injury resulting from incorrectly assembled components. Only use **original** GoCab spare parts, which can be purchased from Van Raam GoCab B.V. Upon request, Van Raam GoCab B.V. will provide the necessary information for repair and maintenance.

Maintenance and inspection frequency

The frequency for maintenance and inspection of components varies. The following frequencies are based on regular use (daily use up to 100 kilometers per week) on flat, solid roads, and bike paths (i.e., not off-road). The weekly and 3-monthly checks can be performed by the driver or owner. You can also have these checks done at a GoCab dealer or at Van Raam GoCab B.V. If there is any doubt about components or points of inspection, please contact Van Raam GoCab B.V.

Weekly checks:

- **All pre-ride inspection points – see 'Pre-ride inspection' under the 'Safety measures' section in the user manual;**
- Visual inspection of the entire bicycle (including seating area and cover) for cracks and/or damages;
- Are all reflectors present and clean;
- Is the saddle and seat post securely fastened and not exceeding the maximum marking;
- Is the stem and handlebar securely fastened and not exceeding the maximum marking;

3-monthly checks:

- **All points from the weekly check;**
- Are the cranks still securely fastened to the bottom bracket;
- Are the pedals still securely fastened;
- Operation of the gears;

Semi-annual:

Bring the bicycle to Van Raam GoCab B.V. for a service appointment at least once every six months. During this service, the (parking) brakes, bearings, drivetrain, frame, electrical system, and controls will be inspected and maintained.

Tightening torques

Component	Torque
Handlebar stem bolt	21 -23 Nm
Adjustable stem bolts	14-16 Nm
Seat clamp	24,4 Nm
Bottom bracket crank nut	37 - 40 Nm
Headset bearing handlebar	Free of play
Headset bearing front fork	Free of play*
Rear wheel nuts	70 - 74 Nm
Front wheel bolt	70 - 74 Nm

** Always use a new locking nut if play is detected or if components are replaced.*

Cleaning

The frame, seating area, and cover can be wiped with a damp cloth. For more soiled areas, you can use a mild cleaning agent. The wheels can be cleaned with a damp brush with plastic bristles (no steel brush!). The saddle and handles can be cleaned with mild soap and water.



Do not use a high-pressure or steam cleaner! This can lead to the accumulation of water in areas of the frame or the displacement of grease and lubricants.

Chain lubrication

The chain should be cleaned and lubricated at regular intervals (approximately every three months). Use only specialized chain lubricant or Teflon spray. This is the only way to ensure that the chain runs smoothly, remains water-resistant, and does not rust.

1. Wipe the chain with a cloth to clean it.
2. Treat the chain with grease or spray.
3. Wipe off excess lubricant with a cloth.

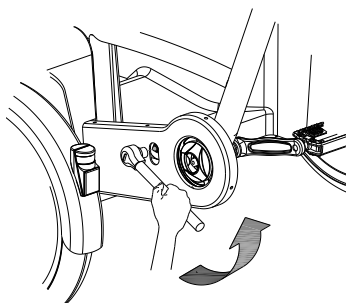
Other parts should **not** be treated with lubricant.

Chain Tensioning

The chain should not be too tightly tensioned. It should have some slack and be able to move. Without exerting force, the chain should be able to move approximately half a centimetre up and down.

To maintain tension in the chain at the rear of the bike, a tensioning wheel is present at the rear bottom bracket. To adjust it:

1. Loosen the nut with a socket wrench a few turns. Hold a wrench on the nut at the back to prevent the screw from turning.
2. Move the tensioning wheel so that the chain hangs loose, as described above.
3. Tighten the screw again.



If it is observed that any of the other chains need tensioning, have this done by Van Raam GoCab B.V.

Tire pressure and visual inspection

It is important that the condition of the tires is good, as this contributes to better grip, less wear and tear, shorter braking distance, lower rolling resistance, and a reduced risk of punctures. The tires should not be easily compressible with your thumb. Given the potential high total weight of the GoCab when fully loaded with 8 children and a driver, maintaining high tire pressure is crucial. This also optimizes the GoCab's range. It's best to check tire pressure using a pump with a pressure gauge. Generally, the tire pressure for a bicycle will range between 4 and 6 bar. Check the side of the tire for the maximum and/or recommended pressure. Optional accessories, such as a bike pump and special fluid for better tire pressure retention, can be obtained from Van Raam GoCab B.V.

Also, check the tread depth of the tires, which should be at least one millimeter. Additionally, the canvas should not be visible, and there should be no cracks in the tires. Worn-out tires or any defective parts must be replaced immediately.



Keep in mind that proper tire pressure is crucial for the optimal functioning of the bicycle!

Damage

In the case of damage to the plastic seating area or the cover, we recommend having it repaired by Van Raam GoCab B.V. promptly.

Storage

Ideally, store the bicycle indoors. If not possible, store it at least under a shelter. An optional cover is available from Van Raam GoCab B.V.

Disposal

If you want to dispose of your bicycle, please contact Van Raam GoCab B.V. Alternatively, you can get in touch with the local waste disposal company. They will handle the disposal according to the regulations of your residence.

Battery Recycling

When your battery is defective or no longer in use, it should be recycled. You can do this by taking it to a STIBAT collection point. This non-profit organization manages battery recycling in the Netherlands. You can find the locations of STIBAT collection points on their website: www.stibat.nl.

Transfer/sale to a new owner

If you transfer your bicycle to a new owner, it is important to provide all necessary technical documentation, the maintenance booklet, and spare keys so that the new owner can safely use the bicycle.

We appreciate being informed if you transfer the GoCab to a new owner.

Warranty

The warranty covers all defects in the product that have been proven to be caused by a material or manufacturing fault. Van Raam GoCab B.V. provides a five-year warranty on the frame and front fork. For all accessories and other components (excluding wear parts), we adhere to the legally required warranty period of two years. Warranty is applicable only under normal use and maintenance of the bicycle, as described in the user manual and this maintenance booklet.

Attention! Both the warranty and product liability, in general, will be void if the instructions in this user manual are not followed, if maintenance work is improperly carried out, or if technical modifications or additions to the bicycle are made using non-original GoCab parts without the permission of Van Raam GoCab B.V. Furthermore, in case of modifications by third parties, the original Declaration of Conformity on the bicycle will be invalidated. The absence of a Declaration of Conformity may lead to issues in insuring the bicycle and potential challenges in case of damage or liability.

Frame number

You can find the frame number on the sticker located on the frame, as shown in the image.

Example sticker:



Position sticker:



On the rear of the seat tube

Service, Maintenance, and Modifications Form

To maintain warranty eligibility, the GoCab bicycle should receive a service appointment according to the schedule below. For optimal performance, the service appointment should be carried out every six months.



GoCab BV Guldenweg 23 7051 HT Varsseveld info@gocabbike.com 0315-257374	Type	Type description
	A	Maintenance
	B	Repair
	C	Damage
	D	Warranty

Service 1	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 2	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 3	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 4	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 5	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 6	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 7	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 8	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 9	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 10	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 11	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Service 12	Type	Additional information	Stamp	Initials
Date of execution:	A			
	B			
Mileage:	C			
	D			

Attention! If changes have been made by a non-authorized GoCab dealer or if non-original GoCab parts or options have been used, the warranty will be void.

Even after five years, we recommend giving the GoCab a service appointment every six months. Failing to do so will no longer impact warranty claims on the respective parts, as the warranty expires after five years.

Here you have space to make notes or keep track of maintenance/modifications to your bike. Indicate the date and by whom the maintenance/modification was carried out.

Bicycle delivery service form

To be filled out upon bicycle delivery

GoCab Bicycle Type:	
Frame number:	
Key number:	
Delivered to:	
Delivered by:	
Location:	
Date:	
Signature of bicycle user:	Signature of Van Raam GoCab B.V.:
If available, stamp of Van Raam GoCab B.V.:	

Regulations, guidelines, and applicable standards

All products from Van Raam GoCab BV have been tested and approved in essential aspects according to Dutch guidelines and applicable EC regulations. This is sufficient for approval/application of the GoCab on public roads. Van Raam GoCab BV follows the most up-to-date information and cannot be held responsible for any changes. Also, for any national or local approval requirements, guidelines, or regulations in the country where the GoCab is used, Van Raam GoCab BV cannot be held liable. For more information or further clarification, Van Raam GoCab BV is always reachable.

Disclaimer

Van Raam GoCab BV strives to ensure that all information in this maintenance booklet is accurate. However, the information published in this document does not bind Van Raam GoCab BV. Nor can Van Raam GoCab BV be held responsible for the content, use, and application thereof.

Van Raam GoCab BV accepts no liability for inaccuracies and for incorrect information from third parties referred to in this document.

This document is part of the GoCab bicycle and is inferior to the user manual and superior to the instruction booklet, all of which were provided to the recipient upon delivery.

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