EN

HIPPOCAMPE®

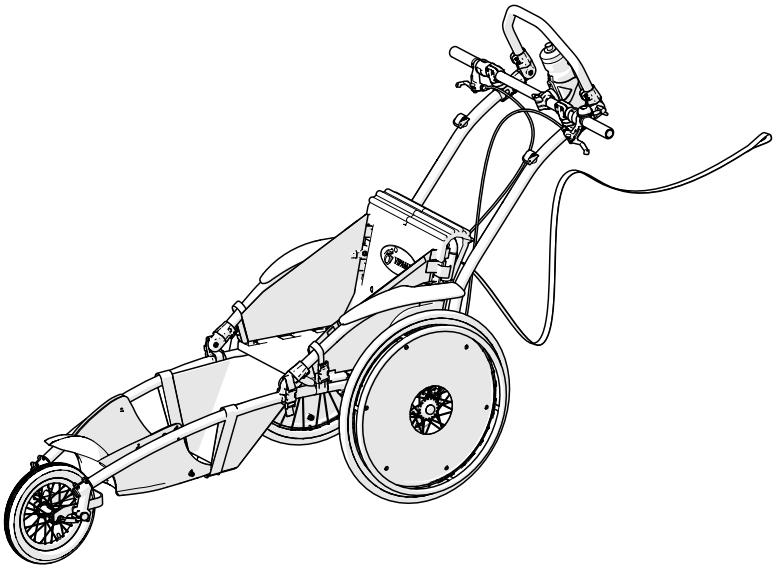
MARATHON® et Trail

(EN) Hippocampe Marathon and Trail

User and assembly manual

M : 0040-TM-02-NO XL : 0040-TX-02-NO

L : 0040-TL-02-NO



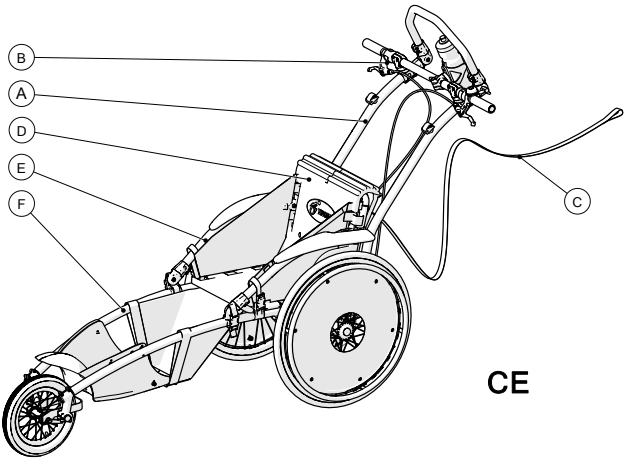
On the drawing, the Hippocampe is without options.

VIPAMAT
3 rue Gustave Eiffel - 56270 PLOEMEUR (France)
Tel: +33 (0)2 97 86 24 87 - Fax: +33 (0)2 97 86 73 81
www.vipamat.com - contact@vipamat.com

Congratulations

You have just acquired a Hippocampe Marathon and Trail wheelchair by Vipamat. This Hippocampe wheelchair is perfectly adapted to the practise of running and offers the possibility to all of taking part in sports events. In relation to the optional add-ons chosen, it can adapt to difficult terrain to allow the user to go on hikes or walks in the countryside.It has been designed for people with reduced mobility of all ages.

1 Discover your Hippocampe Marathon



The Hippocampe Marathon and trail standard Wheelchair is available in 3 sizes: M, L and XL.It consists of the following elements:

A	Push bar	B	Brake handles	C	Red safety strap
D	Backrest	E	Pair of armrests with net	F	Frame of the Hippocampe wheelchair with hood net

Table of contents

2 Legal and Safety Information	p4	3.6 Assembly of the optional adjustable headrest	p25
2.1 Precautions for use	p4	3.7 Assembly of optional waist belt	p27
2.2 Warranty Conditions of Declaration of Compliance	p7	3.8 Assembly of the optional mixed harness	p29
2.3 Limit of Liability	p7	3.9 Assembly of the push bar	p31
2.4 Maintenance and servicing	p8	3.10 Assembly of the rain canopy and legs protection option	p33
2.5 Maintenance Schedule	p8	3.11 Assembly the umbrella option	p35
2.6 Indications for Use	p9	3.12 Assembly the optionnal pushing horns	p37
2.7 Intended use	p9	3.13 Attachment of the optional Confortable Plus Duo cushion	p39
3 Assembly of the Hippocampe Marathon wheelchair	p15	4 Labels and symbols on the product	p40
3.1 Assembly of the fixed and adjustable backrest	p15	5 Technical Specifications	p41
3.2 Installation of 24" wheels or 24" trail wheels	p17	5.1 Dimensions and Weight	p41
3.3 Assembly of the armrest pair option	p19	5.2 Tires	p43
3.4 Assembly of the armrest nets	p21	5.3 Materials	p43
3.5 Assembly of the footwell infill net	p23	5.4 Ambient Conditions	p43

Keep this instruction manual in a safe place.

IMPORTANT

It is essential to strictly respect the recommendations and advice given in this document.

The optional add-ons available with the Hippocampe Marathon wheelchair :



Adjustable backrest



Adjustable headrest



Waist belt



Mixed harness



Thermal cover



Backrest bag



Pair of Marathon Wheels 24 inches



Pair of Trail Wheels 24 inches



Transport bag



Seat Confortable Plus Duo



Rain canopy with legs protection



Umbrella



Pushing horns



Bag for the 24 inches wheels

2 Legal and Safety Information

2.1 Precautions for use

1 - It is imperative to strictly follow the recommendations and advice given in this document.

⚠ Before each use of the Hippocampe wheelchair, ensure that the wheels are correctly secured and firmly attached to the chassis. To do this, pull each wheel outwards. (cf. 3.2).

2 - Ensure that the axle of the front wheel is securely fastened.

3 - Ensure that the buckles of the seat close correctly.

4 - Before each use of the wheelchair, ensure that the brakes function correctly. To do this, lock the disk brakes using the two spring lock positioned on the handlebars. Check that the wheelchair is immobilised by pushing it lightly.

5 - Before each use of the wheelchair, ensure that the push bar is well inserted by pressing on each clip and by checking that the clips protrude at the connecting parts.

6 - It is imperative that an accompanying person with the ability to guide, push and hold the wheelchair is present for each use of the wheelchair.

7 - Check that the user's hands and feet are in the correct position before and during use (you can attach the protection nets if necessary).

8 - For each outdoor use and for safety reasons, the companion will place the red strap around their wrist (with the other end attached to the chassis axle).

9 - If the person pushing the wheelchair is running in a relay race, the wheelchair must be immobilised so that the next person pushing places the red strap around his/her wrist.

10 - For safety reasons, the user must be seated towards the back of the seat, with his/her back resting against the backrest.

11 - During races and sports events, it is recommended that the mixed harness or waist belt option is used to ensure that the user is secured.

12 - Do not press too hard on the push bar when you want to lift the front wheel to turn.

13 - For safety reasons, wearing a helmet is mandatory in certain specific usage conditions.

14 - The Hippocampe Marathon and Trail wheelchair has been designed to accommodate a single person with reduced mobility of any age, with a minimum weight of 30 kg (66 lbs) and a maximum of 100 kg (221 lbs).
15 - Ensure that the wheelchair is stabilised in bends.

16 - For safety , do not use the Hippocampe wheelchair if the slope is steeper than 7°.

17 - Do not pass over obstacles higher than 10 cm with the Hippocampe wheelchair.

18 - Do not pass under obstacles with the Hippocampe wheelchair.

19 - Do not stand on the wheelchair or on the footrest.

20 - It is not advised to use the wheelchair if a tyre is burst or flat.

Do not modify the Hippocampe wheelchair with components other than those provided by Vipamat.

21 - The wheelchair should not be used if one of the components is faulty.

22 - The seat and the backrest of the wheelchair comply with the M1 standard. However, the product must be kept away from fire or open flames.

23 - In the case of any doubt about the safe use of the Hippocampe wheelchair, do not further use the wheelchair until you have contacted Vipamat's customer service by telephone (00 33 (0)2 97 86 24 87) or by email (contact@vipamat.com).

24 - The use of the Hippocampe Marathon with motorized or third-party powered accessories is not recommended. If such accessories are used, their use is entirely the responsibility of the user.

25 - Your Hippocampe Marathon is designed to deliver good performance on a wide variety of surfaces and in different environmental conditions. But always be aware of your skills and personal limits. Ride safely, within your abilities, and use good judgment.

26 - Your Hippocampe Marathon can be used on many types of softer surfaces, including grass, firm sand, firm gravel, and dirt.

27 - Be careful, you may get stuck in soft ground and need assistance. Ride slowly. You may encounter obstacles that you cannot see. Please ride safely, within your limits, and use good judgment.

28 - Avoid using your Hippocampe Marathon on slippery surfaces, such as ice and very wet ground. If you must ride on slippery surfaces, ensure they are flat, do not turn, and ride at a lower speed than usual.

Be careful, slippery surfaces can cause you to lose control of your Hippocampe Marathon, make it skid uncontrollably, and result in serious injuries and damage to your Hippocampe Marathon. Your Hippocampe Marathon can be used in environments where the temperature and humidity are sufficient for you to move without special clothing or personal protection.

29 - Your Hippocampe Marathon uses steel parts (bearings, nuts, and bolts) that will rust if immersed in water for a prolonged period or exposed to moisture/mold and not cleaned and dried afterward. To extend the lifespan of your Hippocampe Marathon, always clean and dry it after using it in a dirty, humid, or wet environment.

30 - Your Hippocampe Marathon does not float. Please use your Hippocampe Marathon with caution around bodies of water.

2.2 Warranty Conditions of Declaration of Compliance

Vipamat, as the manufacturer, declares that the Hippocampe Marathon and Trail, a Class 1 device (classified in Europe) and Class 2 (classified in the United States), as well as its medical device accessories, complies with Regulation (EU) 2017/745 of the European Parliament and of the Council, and meets all applicable provisions of European Directive 93/42/EEC as well as Book II of the French Public Health Code. The Hippocampe Marathon and Trail device complies with strength standards based on tests conducted with a 100 kg test dummy, in accordance with ISO 7176-8.This product is guaranteed for 2 years ("parts and labor") from the date of purchase (as stated on the invoice).

The warranty covers the replacement of faulty parts. This warranty is not applicable in the case of improper use and does not take account of wear and tear of the parts due to use of the wheelchair. Given the conditions in which the Hippocampe wheelchair can be used, its expected lifespan is 4 years after the purchase date.

The expected lifespan of this product is four years when used in accordance with the safety instructions, maintenance intervals, and proper usage as outlined in this manual. The actual lifespan may vary depending on the frequency and intensity of use.

The serial number of the product is engraved on the back axle of the chassis. Each optional add-on has its own serial number engraved on it. This number may also be printed on the label on the packaging or on the optional add-on.

To dispose of the Hippocampe wheelchair in the trash, go to a recycling center and put it in the right recycling category.

2.3 Limit of Liability

VIPAMAT disclaims all liability for damage related to:

- failure to comply with the user manual
- improper use
- normal wear and tear
- incorrect assembly or installation by the purchaser or third parties
- technical modifications
- unauthorized modifications and/or the use of inappropriate spare parts.

2.4 Maintenance and servicing

We recommend that you clean your Hippocampe wheelchair with a damp cloth. If the wheelchair is dirty (mud, dirt, etc.) it is possible to rinse it with water.

Maintenance of the disk brakes:
The disk brakes require little maintenance. However, please ensure that you do not project oil or any other lubrifying material on the disk or the pads.

The pads are covered with a special lining. When this is completely worn out, the pads rub on the disk, thus wearing it out. It is therefore necessary to change the pads. We recommend that you contact your reseller of Vipamat directly to replace the worn out parts. Vipamat assumes no responsibility in the case of deterioration due to this oversight.

The wheelchair can be stored for up to 2 years without any degradation in performance, provided it is kept in a dry environment, protected from humidity and extreme temperatures.
However, before putting the device back into service after storage, it is essential to check the condition of the tires, specifically:

- Tire pressure, which may naturally decrease over time.
- Tire integrity (absence of cracks, splits, or deformations).
- Visual inspection of moving parts.

These checks ensure the safety and effectiveness of the device after a storage period.

2.5 Maintenance Schedule

To ensure safe and reliable operation, regularly perform the following visual checks and maintenance tasks, or entrust their execution to another person.

	Once a week	Once a month	Once a year
Checking the tire pressure	X		
Check the correct positioning of the rear wheels	X		
Check the safety belt	X		
Check the folding mechanism		X	
Check the front wheels and their attachment		X	
Check the bolts		X	
Checking the spokes and bearings		X	
Check the brakes		X	
Have it inspected by a qualified technician			X

2.6 Indications for Use

⚠ WARNING!
The Hippocampe Marathon and Trail is indicated to provide mobility to persons restricted to a seated position on various terrains, including footpaths and trails.

2.7 Intended use

The Hippocampe Marathon is designed to provide mobility for a single person who can only remain in a seated position, of any age, with a weight between 30 kg (66 lbs) minimum and 100 kg (221 lbs) maximum. The intended user is the occupant of the Hippocampe Marathon and a companion pushing the wheelchair, who must be physically and mentally capable of using the Hippocampe Marathon safely. When used recreationally, the companion must remain permanently connected to the Hippocampe Marathon by the red safety strap attached to their wrist when used outdoors.

⚠ WARNING!
Risk of loss of control of the Hippocampe Marathon. When crossing slopes, the Hippocampe Marathon may tip backwards.
– Ensure that a third person is always behind the Hippocampe Marathon when approaching long slopes.
– Avoid side slopes. Avoid slopes steeper than 7°.
– Avoid sudden direction changes on a slope.

⚠ WARNING!
The Hippocampe Marathon may start rolling, even on slightly sloped terrain. Use the parking brakes if the Hippocampe Marathon is stationary on an incline. When using the Hippocampe Marathon for recreation, the safety strap must always be attached to the companion's wrist when moving the Hippocampe Marathon with its occupant .

⚠ WARNING!
Risk of hand burns. If you brake for an extended period, a significant amount of heat is generated due to friction at the handrails. Wear appropriate gloves.

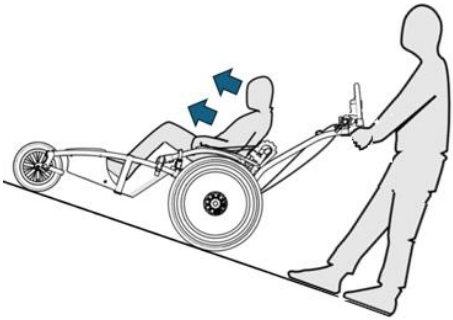
⚠ WARNING!
The safety belt and safety harness are intended for recreational use only and are not designed as medical restraints.

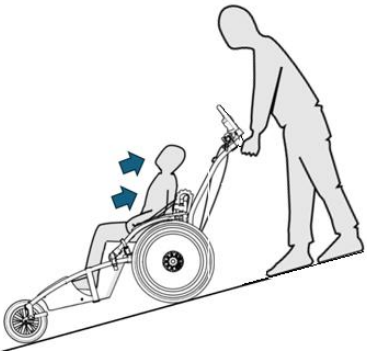
Intended use
Climbing slopes
An attendant is always required for all movements.
To climb a slope, you and your attendant need to generate some momentum and maintain it while controlling your direction.

The occupant leans the upper part of their body forward and moves the Hippocampe Marathon forward with quick, powerful pushes on both handrails. Your attendant must be ready to stop the Hippocampe Marathon at any time as well.

Descending slopes
When descending a slope, you must control both your direction and especially your speed.

The occupant leans back and ensures that the handrails slide through their hands. You must be able to stop the Hippocampe Marathon at any time by gripping the handrails.
The assistant holds the push bar, with their hands on the brake handles, and operates the brakes to control the speed of the descent of the Hippocampe Marathon.





Intended use

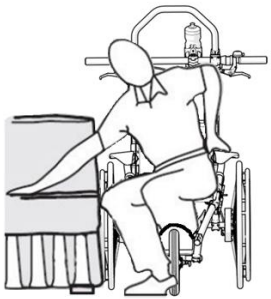
⚠ WARNING!
Risk of tipping over
There is an increased risk of tipping over during the transfer.
– You should only get into or out of the Hippocampe Marathon without assistance if you are physically able to do so.
– During the transfer, position your wheelchair as close as possible to the Hippocampe Marathon.
– The parking brakes of both your wheelchair and the Hippocampe Marathon must be engaged.
– Lift the armrest of the Hippocampe Marathon and transfer from your wheelchair seat to the seat of the Hippocampe Marathon while the assistant ensures that the Hippocampe Marathon does not tip over backward.

⚠ NOTICE!
The armrests may be damaged if they are not lifted and may obstruct the transfer.
– Never sit on the armrests when getting into or out of the Hippocampe Marathon wheelchair.

⚠ WARNING!
Risk of tipping over
The Hippocampe Marathon may tip over if you stand on the footrest.
– Never stand on the footrest when getting into or out of the Hippocampe Marathon, as this may damage it.

⚠ WARNING!
If you release or damage the brakes, the Hippocampe Marathon may start rolling uncontrollably.

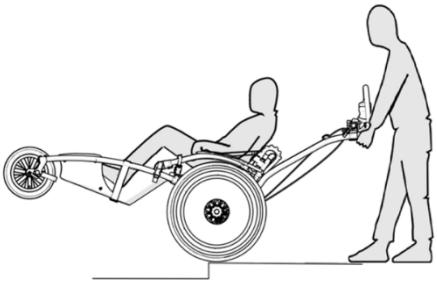
Getting in and out of the Hippocampe Marathon
1.Position the Hippocampe Marathon as close as possible to the seat you wish to sit in.
2.Engage the parking brakes.
3.Remove the armrests or lift them so they do not obstruct you.
4.Place your feet on the floor.
5.Hold onto the Hippocampe Marathon, and if necessary, also hold the seat you are sitting on.
6.Slowly move towards the Hippocampe Marathon.

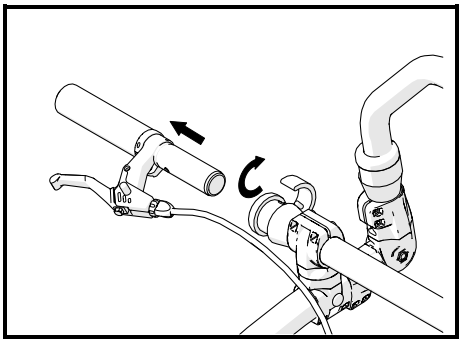


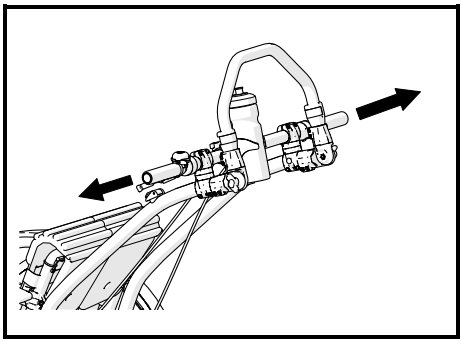
⚠ WARNING!
Risk of falling! When crossing stairs, you may lose your balance and fall with the Hippocampe Marathon. Only cross stairs with more than one step with two attendants.

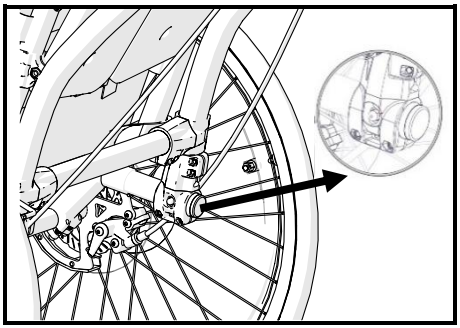
Stair Climbing

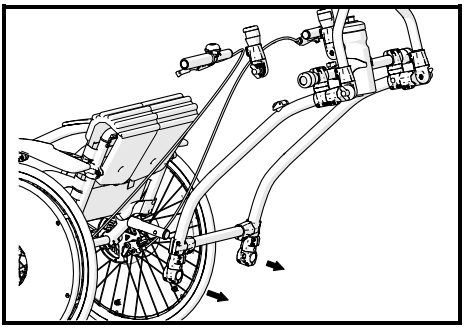
It is possible to climb stairs by moving from one step to the next, as described below. For this, the first attendant positions themselves behind the Hippocampe Marathon and holds it by the handles. The second attendant wraps around a fixed part of the front chassis, thus securing the Hippocampe Marathon at the front.

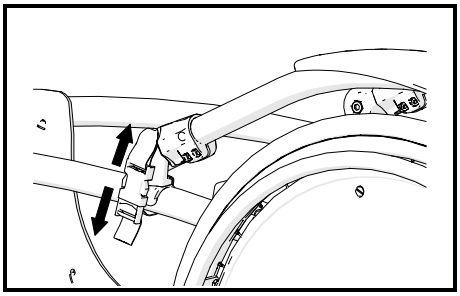


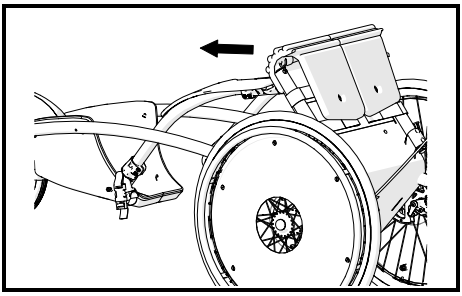


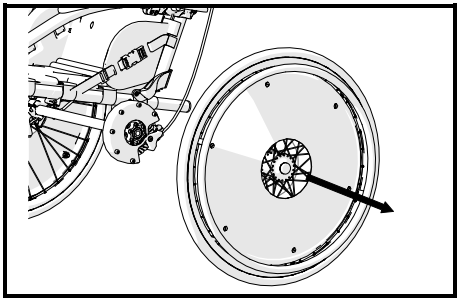


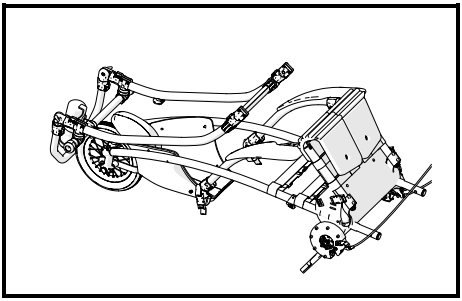












Folding and storing the wheelchair

To disassemble and store the wheelchair in its carrying bag, follow these steps:

Remove the two brake handles from their slots and place them on the seat.

Stand behind the wheelchair and unlock the push bar by pressing the two pins, then pull it backward.

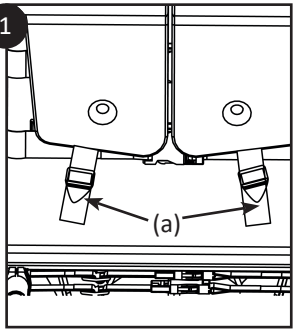
Once the push bar is removed, press the quick-release axle of the rear wheels and pull to detach them from the frame.

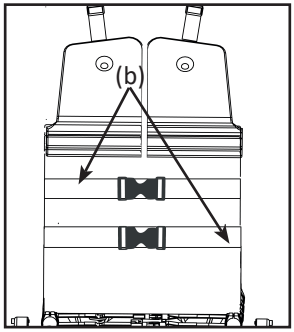
Unclip the armrests and fold the backrest forward, then place the chassis in its carrying bag, with the push bar positioned over the frame.

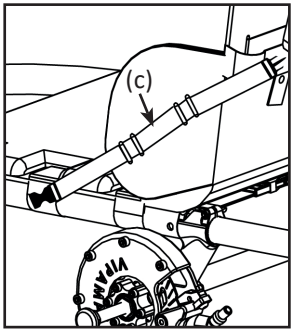
Place the two rear wheels in their 24" wheel bag.

To reassemble the wheelchair, proceed in reverse order.

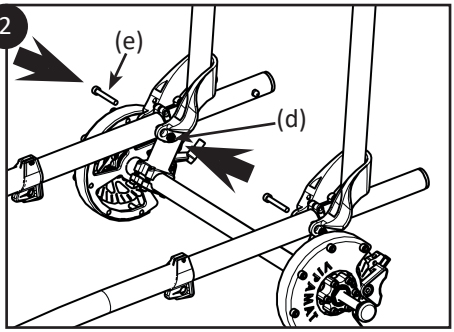
1



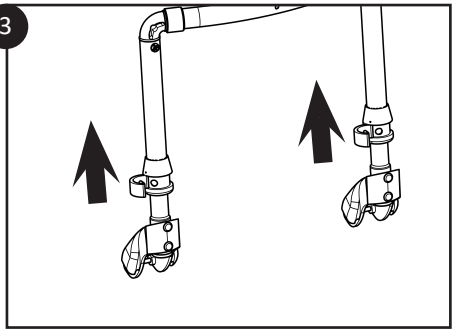




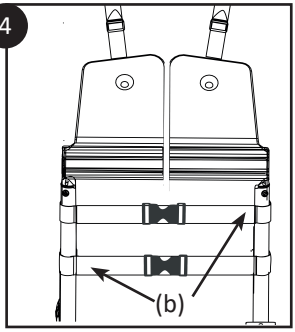
2

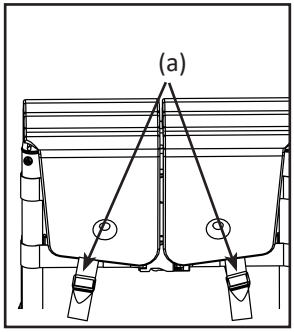


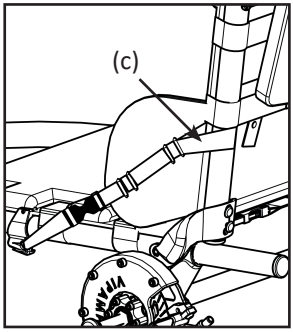
3



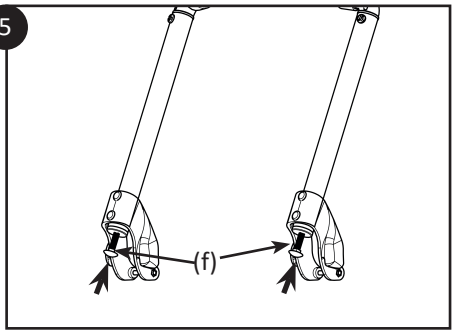
4







5



3 Assembly of the Hippocampe Marathon wheelchair
3.1 Assembly of the fixed and adjustable backrest (0004-00-01) (0005-00-01)

1 - Open the buckles of the vertical straps (a) then unclip the belt straps (b) and the 2 lateral straps (c) of the Hippocampe wheelchair seat.
2 - To attach the backrest to the chassis tubes: position the backrest on the chassis tubes, insert the nuts (d) in the groove provided and tighten the screws (e) using the Allen key provided.

Check :
The backrest should be able to tilt forward and the screws (p) should protrude from the nuts (o) by about 3 mm.

3 - Adjustment of the height for the adjustable headrest only:
4 - Open the push-lock system, adjust the headrest to the desired height and then lock the push-lock system.
5 - Reposition all the straps in the wheelchair seat:
- Buckle the 2 large horizontal straps (b) and tighten them well using the belt loops, without forcing.
- Insert the 2 vertical straps (a) into the buckles and tighten them, without forcing.
- Buckle the small lateral straps (c) by passing them around the tube of the backrest.

⚠ If you need to assemble a headrest or a pair of armrests, go to the following pages before replacing the straps.

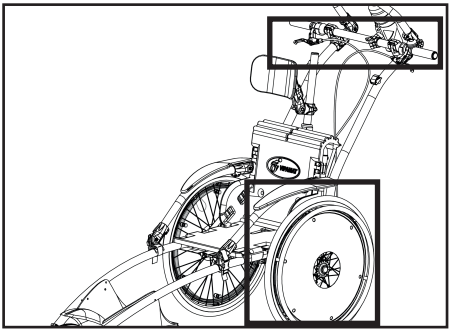
Check :
- Check that the buckles of the large straps (b) (40 mm) remain secured when you pull on each side of the buckle.
- Check that the straps (b) are taut and pass through the slots of the seat.
- Check that the 2 vertical straps (a) of the seat pass through the loops of the strap and are taut.
- Check that the lateral diagonal straps (c) on both sides of the chassis pass around the vertical tube of the backrest and are taut when the backrest is upright.
- Check the locking of all the loops.

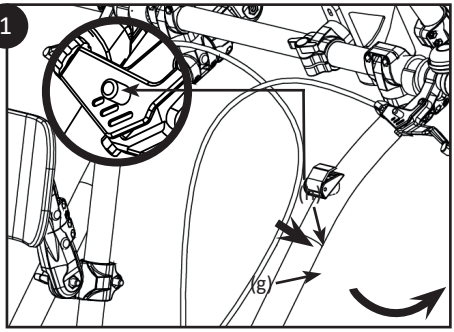
⚠ Adjusting the tilt of the backrest: to adjust the tilt, adjust the tightness of the 2 screws (f) at the base of the headrest. N.B.: the 2 screws must protrude by the same length.

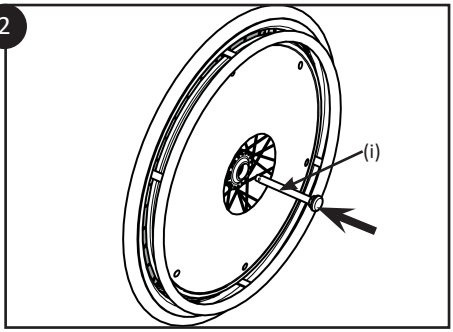
The serial number of the fixed or adjustable backrest is engraved on the lower part of one of the vertical tubes.

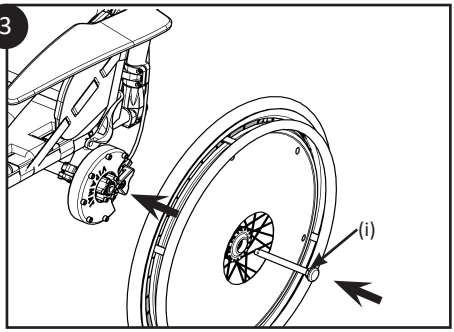
SCAN ME

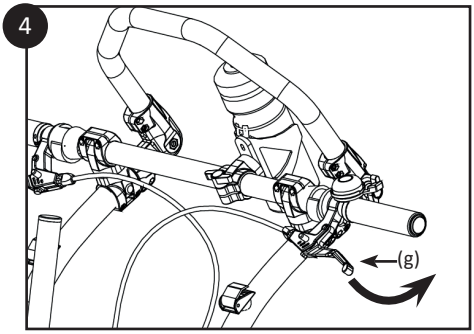
Check : Tutorials for the assembly of this option are available in video on Youtube.
Check :TUTO #2 : Fixed backrest - Dossier Fixe
TUTO #3 : Adjustable backrest - Dossier Réglable




1
(g)


2
(i)


3
(i)

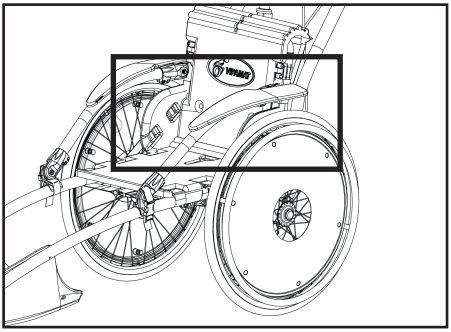

4
(g)

3.2 Installation of 24" wheels or 24" trail wheels (0042-00-01) (0047-00-01)

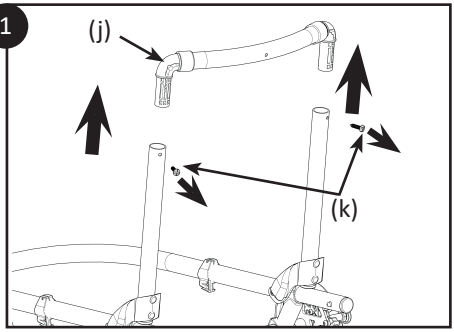
1 - Secure the brakes by pressing on the handle (g) then by pressing on the spring lock (h) situated on the handlebars for each brake.
2 - Press the centre of the axle then insert the half axle (i) into the wheel.
3 - Insert the wheel with the half axle (i) into the chassis axle by pressing on the centre of the half axle (i) and by turning the wheel slightly so that it inserts into the hub.
4 - Unblock the disk brakes by pressing on the handles (g) then by releasing them.

Check :
- Check that the wheels are secured by activating the two knobs (h) of the spring lock on the handlebars and by pressing on the wheelchair. The wheelchair should remain completely immobile.

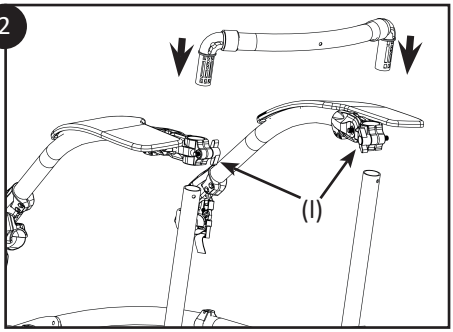
⚠ *Regularly check the tyre pressure. The pressure indications can be found on the wheels.*



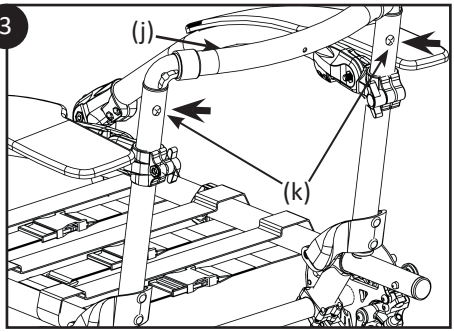
1



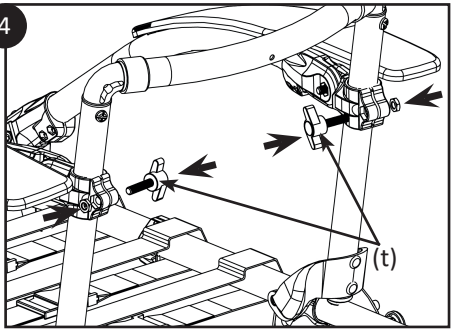
2



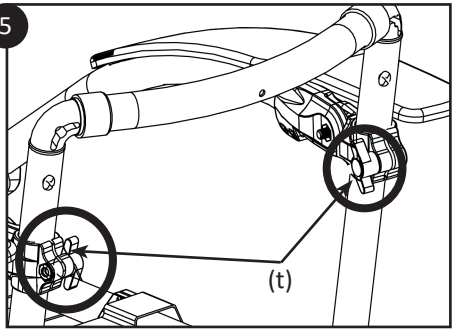
3



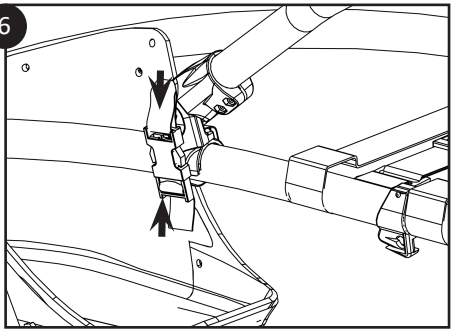
4



5



6



3.3 Assembly of the armrest pair option (0007-00-02-NO)

1 - Remove the upper part of the backrest:
- Unscrew the 2 screws (s) with a phillips screwdriver.
- Remove the upper part (r) from the rest of the backrest.

2 - Introduce the upper linking parts of the armrest into the vertical tubes of the backrest.

⚠ N.B.: if you have to assemble a headrest, do not replace the upper part of the backrest and move directly onto step 4 .

3 - Replace the upper part of the backrest (r) and tighten the 2 screws (s) in the upper part of the backrest.

4 - Assemble the armrests using the wing screws (t) on the upper linking part of the armrest.

5 - Adjust the height of the armrests using the upper linking part of the armrest and tighten the 2 wing screws (t).

6 - Pass the small strap around the tube and fasten the buckle.

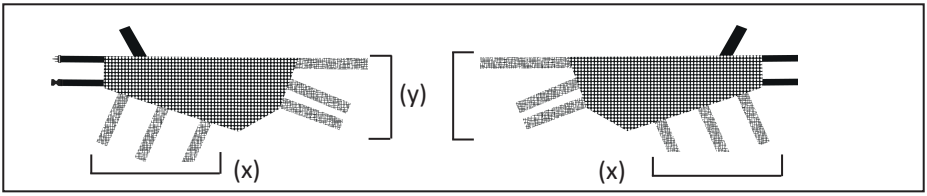
Check :
- Check that the armrests are positioned above the wheels and that there is no rubbing.
- Check that the wing screws (t) are situated inside the backrest.
- Check that the upper part of the backrest is completely slotted into the vertical tubes of the backrest.
- Check that the locking screws of the backrest are tightened and that the backrest is stable.

⚠ To replace all the straps, move onto step 3.4 of page 11.

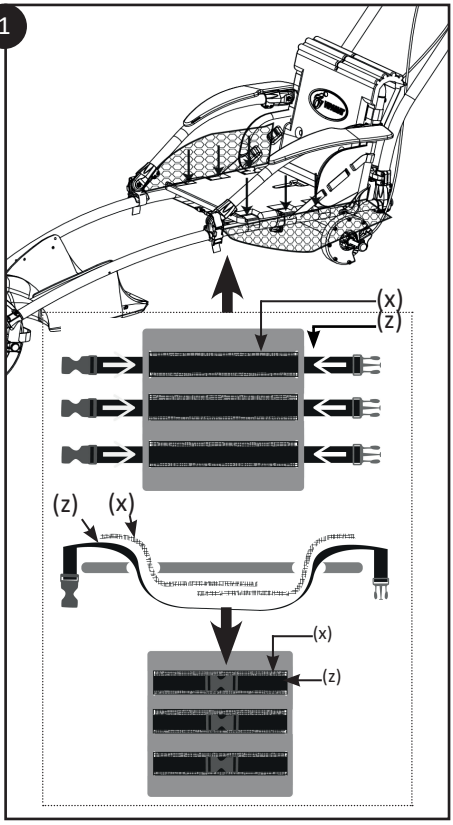
The serial number is engraved on the lower part of the two armrest tubes.

SCAN ME

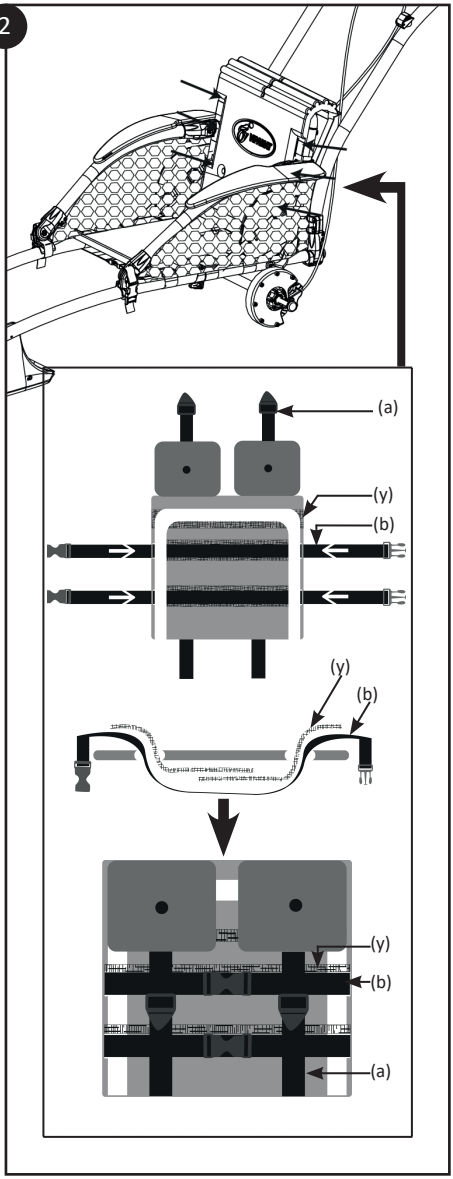
Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #4 : Armrests



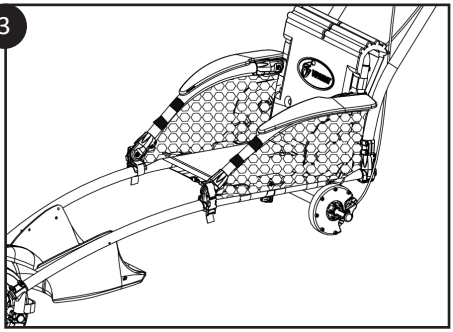
1



2



3



3.4 Assembly of the armrest nets (0032-00-01)

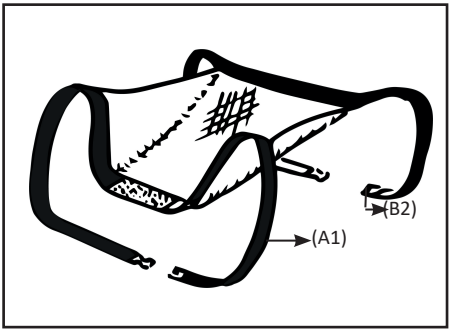
1 - Pass all the velcro straps (x) to both sides of the seat in the spaces provided for these seat fastening straps. Unbuckle the 3 straps (z) under the seat and attach the 3 straps (x) of the armrest nets with the velcro straps. Buckle the 3 straps (z) under the seat.
2 - Pass all the velcro straps (y) to both sides of the backrest in the spaces provided for these backrest fastening straps. Unbuckle the straps (a) and (b) behind the backrest and attach the straps (y) of the armrest nets with the velcro straps. Buckle the straps (a) and (b) of the backrest.
3 - Attach the net straps around the armrest tubes.

Check :
- Check that all the buckles of the seat are secured.
- Check that the nets are taut..

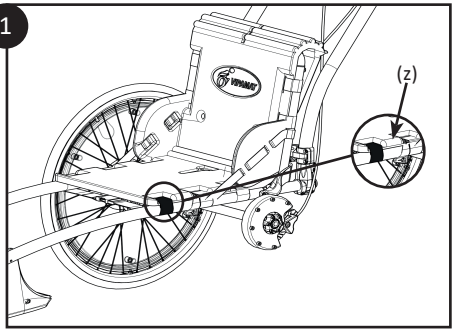
The serial number of the armrest nets can be found on the label of the product packaging.

SCAN ME

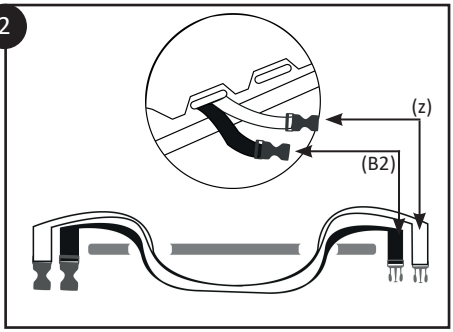
Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #8 : Safety net part 1 - Filet d'accoudoirs, partie 2



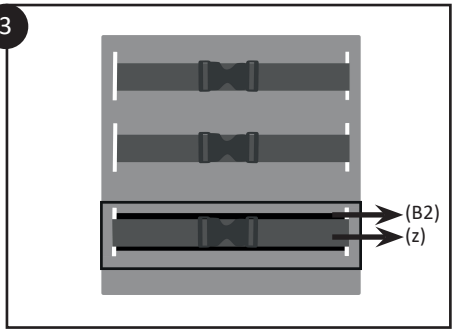
1



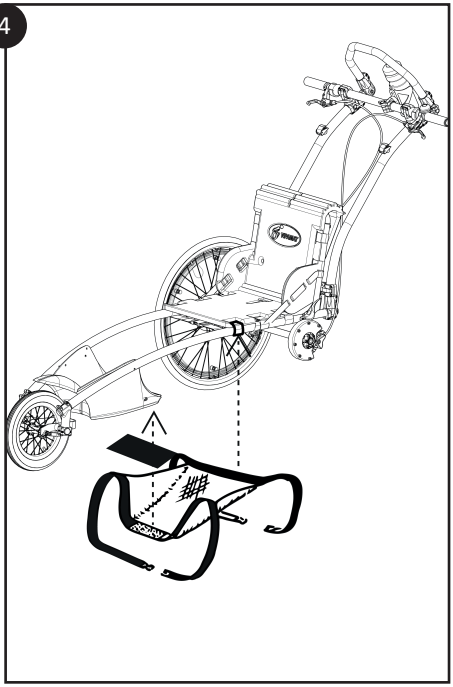
2



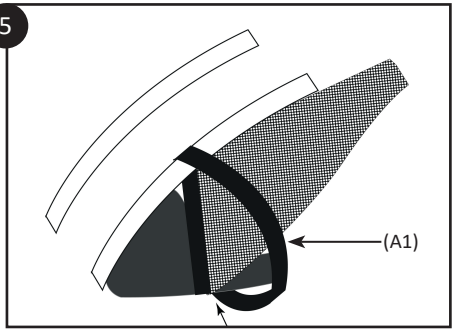
3

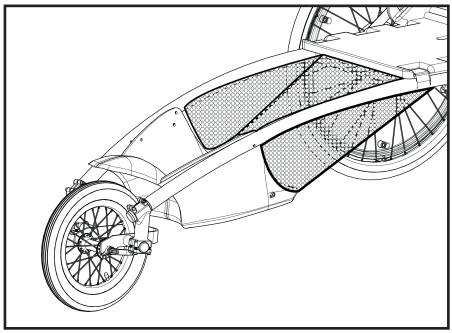


4



5





3.5 Assembly of the footwell infill net (0033-TM-01, 0033-TL-01, 0033-TX-01)

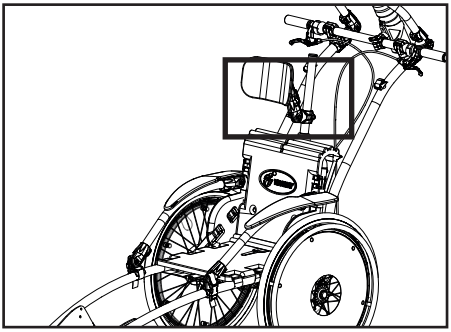
1 - Unbuckle the strap (z) located under the seat of the Hippocampe wheelchair and position the net under the seat.
2 - Insert the strap (B2) of the housing net under the strap (z) into the loops of the seat.
3 - Extend the net and stick the adhesive strip of the velcro strap under the housing.
4 - Pass the strap (A1) of the housing net around the tubes from the inside to the outside and buckle the strap.

Check :
- Check that all the buckles are secured.
- Check that the net is taut.

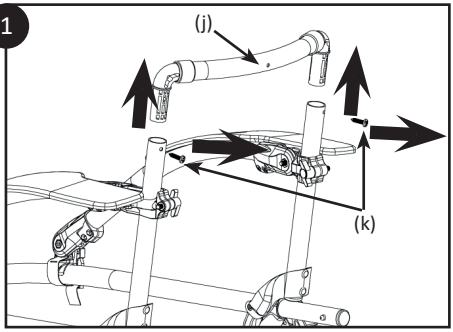
The serial number of the housing net can be found on the label on the product packaging.

SCAN ME

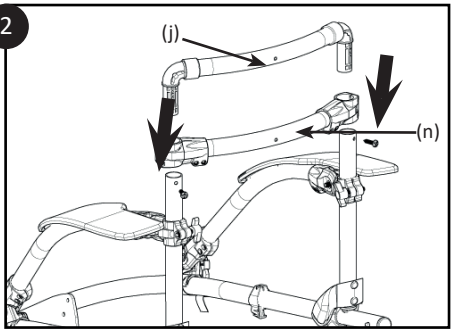
Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #7 : Safety net part 1 - Filet de protection, partie 1



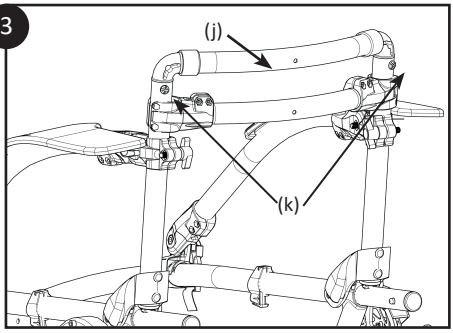
1



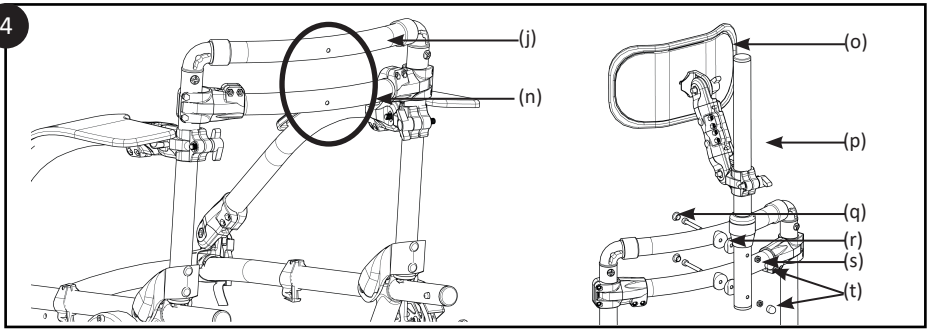
2



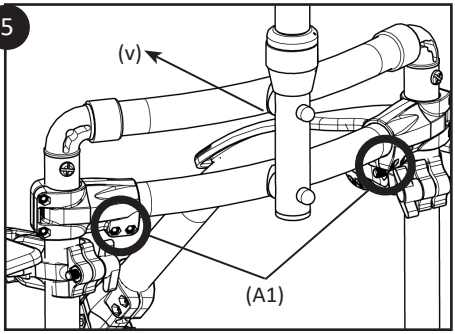
3



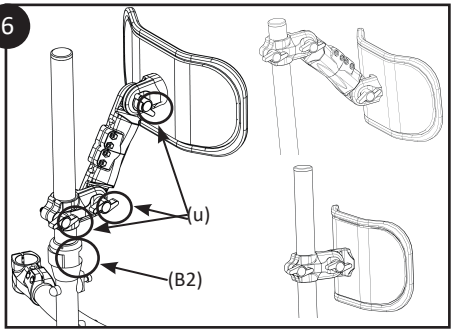
4



5



6



3.6 Assembly of the optional adjustable headrest (0008-00-05)

1 - Remove the upper part of the backrest:
- Unscrew the 2 screws (s) with a phillips screwdriver.
- Remove the upper part (r) from the rest of the backrest.

2 - Introduce the horizontal curved bar (u) into the vertical tubes of the backrest, the curved parts (r) and (u) must be parallel.

3 - Replace the upper part of the backrest (r) and tighten the 2 screws (s) in the upper part of the backrest.

4 - Assemble the vertical tube (v) into the two horizontal curved parts (r) and (u). Introduce the screws (w) into the curved parts (r) and (u) then into the washers (x) and lastly into the vertical tube (v) of the headrest. Position the tube (v) vertically then tighten the screws (w) using the bolts (y) with the Allen key and the open-end wrench provided. Position the nut covers (z).

5 - Tighten the screws (A1) with the Allen key provided to lock the tube in a vertical position (v).

⚠ Ensure that the vertical tube is well positioned so that the push-lock opening is towards the back.

Check :
- Check that all the screws are well tightened.
- Check that the headrest is not loose.
- Check that the headrest is stable and that the push lock is secured.

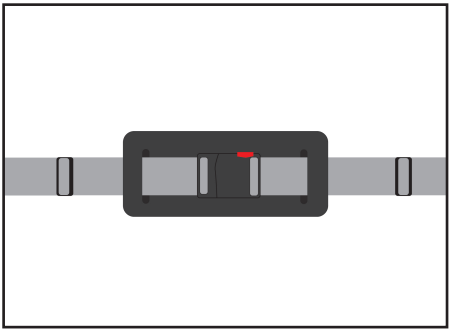
6 - Adjust the headrest by loosening the 3 knobs (B2), then place it in the desired position and immediately tight the 3 knobs (B2). The serial number of the headrest is engraved on the headrest tube. Ensure that the vertical tube is well positioned so that the push-lock opening is towards the back. In order to store or transport your wheelchair more easily, you can remove the upper part of the vertical tube (D1) and the headrest (C1) by unlocking the push lock. Note: for users who do not need to adjust the anterior position, it is possible to attach the headrest plate (C1) directly to the part (D1) by removing the headrest extension.

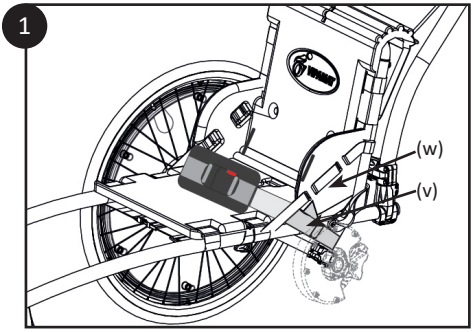
⚠ To replace all the straps, move onto step 3.4 of page 11.

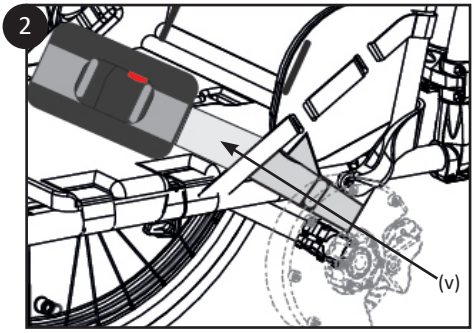
The serial number of the headrest is engraved on the headrest tube.

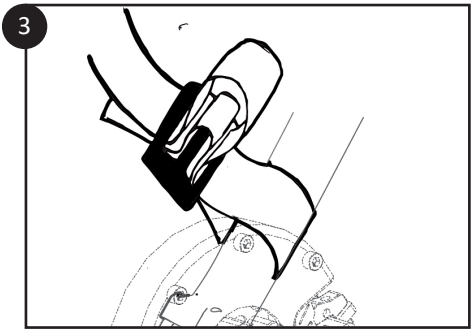
SCAN ME

Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #5 : Adjustable headrest




1
(w)
(v)


2
(v)

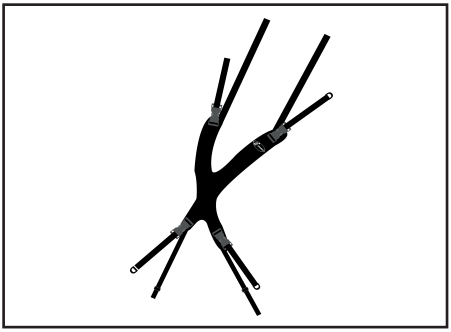

3

3.7 Assembly of optional waist belt (0024-00-01)

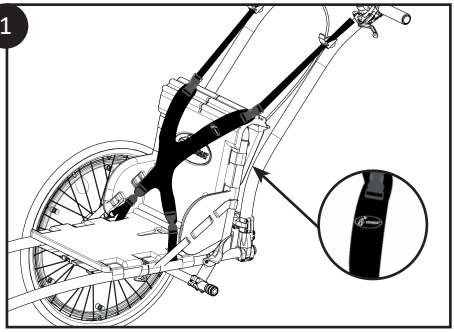
1 - Place the belt on the seat and pass the strap (v) inside part (w).
2 - Pass the strap (v) so that it goes around the chassis tube from the outside to the inside.
3 - Pass the strap again in through the belt loop and make it protrude by at least 2 cm, then tighten.

Check :
- Check that the belt is solidly attached to the Hippocampe chassis.

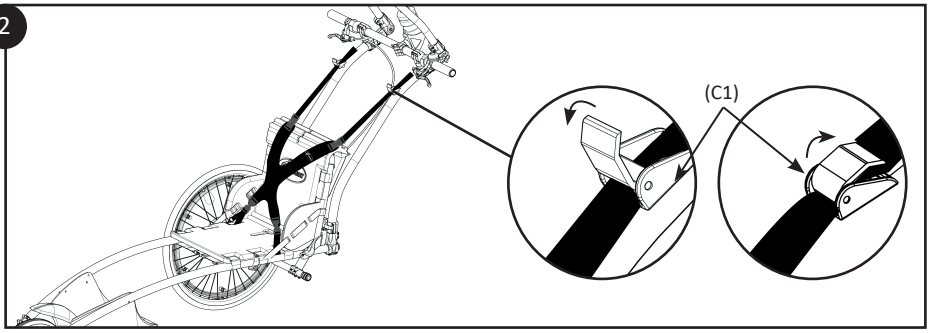
The serial number of the belt can be found on the label of the product packaging.



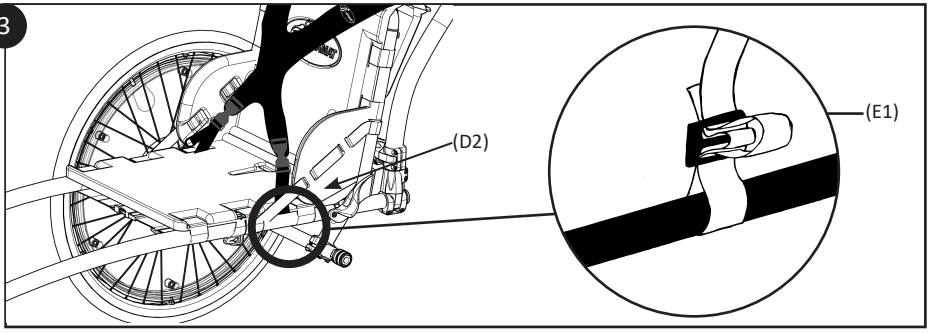
1



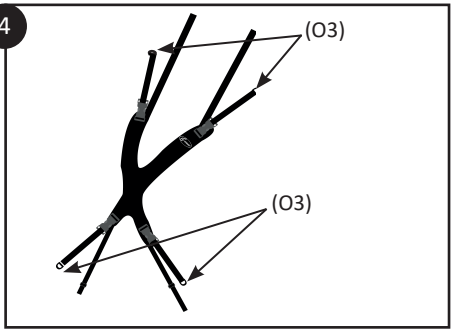
2



3



4



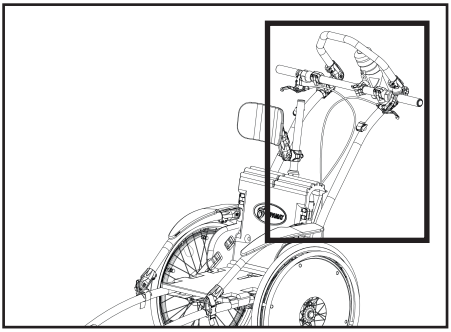
3.8 Assembly of the optional mixed harness (0013-00-02)

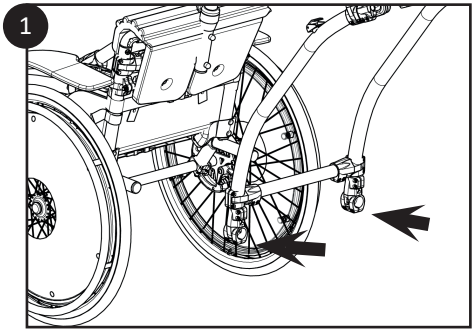
1 - Assemble the harness by ensuring that the logo is correctly positioned (see diagram).
2 - Open the lift buckles (N1) of the push bar. Pass the upper straps of the harness from the bottom upwards through the lift buckles (N1) of the push bar and fasten by pressing them upwards.
3 - Pass the lower straps inside part (O1) of the seat, then pass them around the frame tube. Pass the strap once again into the loop (O2) by ensuring it protrudes by at least 2 cm, then tighten.
4 - Use the buckles (O3) to adjust the height and the strap tension of the harness.

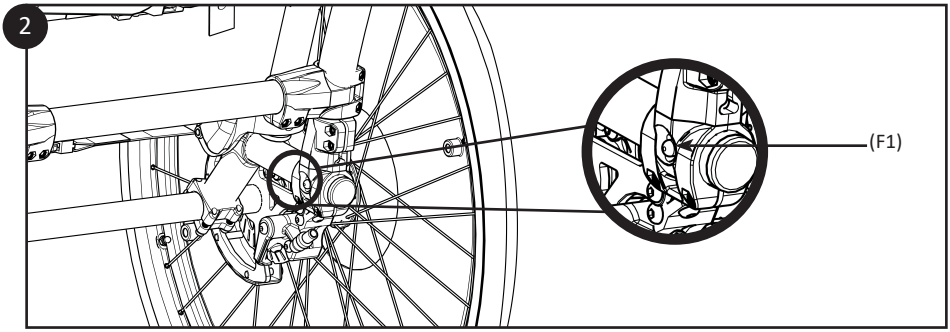
Check :
- Check that the harness is positioned correctly.
- Check that the straps are securely fastened by pulling on each side on each of the buckles (O3).

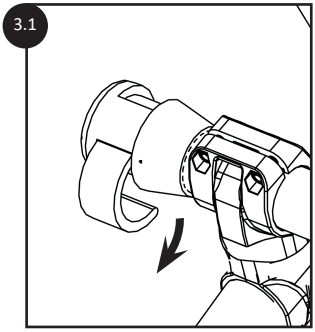
⚠ Leave about 10 cm between the top of the harness and the user's chin.

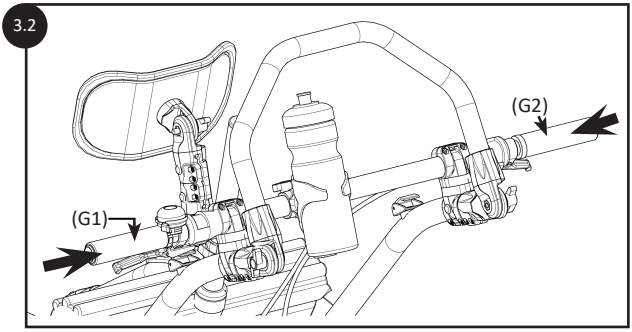
The serial number of the harness can be found on the label of the product packaging.

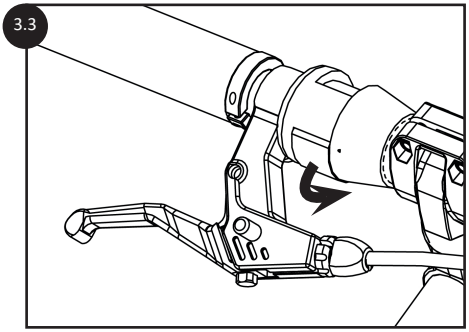



1


2
(F1)


3.1


3.2
(G2)
(G1)


3.3

3.9 Assembly of the push bar (0041-00-01-NO)

1 - Insert the 2 stems of the push bar into the chassis tubes as far as the clips.
2 - Press the 2 clips (F1) simultaneously so as to insert the push bar. The two clips (F1) should protrude from the part.

Check :
- Check that the push bar is locked by pressing on the clip and by checking that it protrudes from the bar.

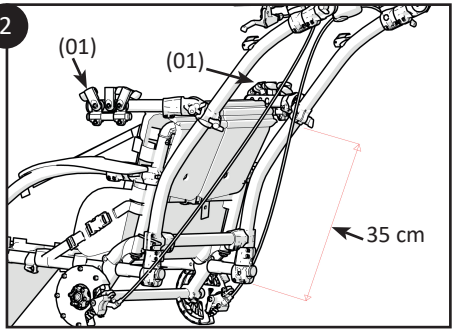
3 - Assembly of brake handles on the push bar:
- Unlock the push-lock.
- Insert the left handle (G1) with the attached bell, then lock the push-lock. Next, insert the right handle (G2) and lock the push-lock.
- Check that all push-locks are securely locked.

Check :
- The handles must be solidly attached to the push bar. Pull the handle outwards to ensure it is secured.

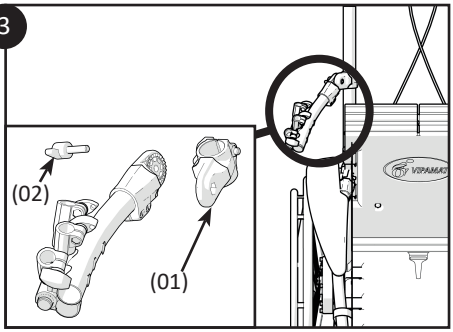
1



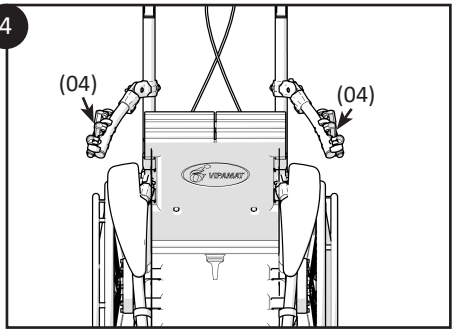
2



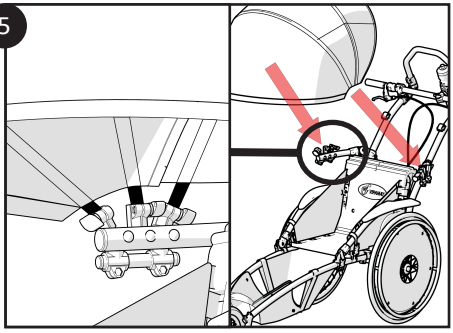
3



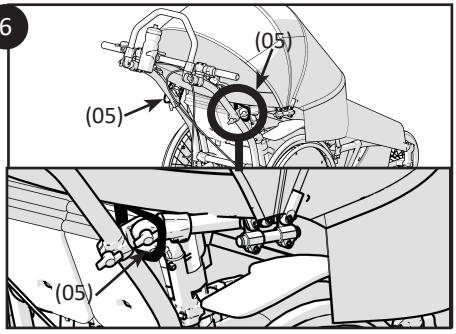
4



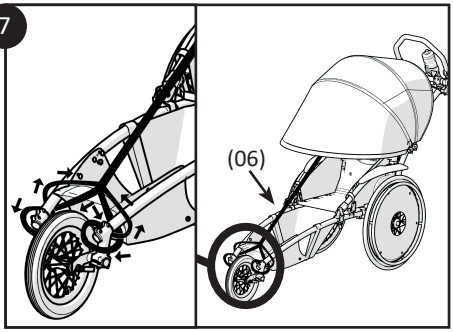
5



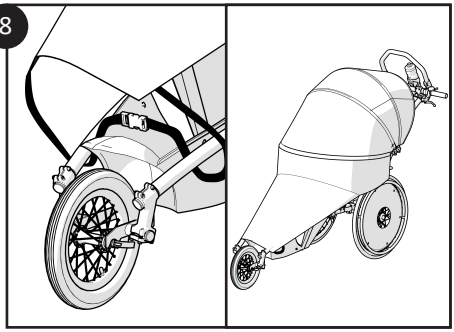
6



7



8



3.10 Assembly of the rain canopy and legs protection option
(0160-TM-02) (0160-TL-02) (0160-TX-02)

1 - To assemble the canopy option, prepare all the parts as shown on the picture.
2 - Open the two elastic parts (01) and place them on the push bar at a height of 35 cm from the lower end of the push bar (right and left).
3 - Tighten the wing screws (02).
4 - The two canopy supports (04) must face upwards and away from the chair.
5 - Install the 3 end caps on each side in each canopy support (04).
6 - Lock the two straps (05) to the rear of the canopy supports (04).

⚠ Zip the two parts of the canopy together to make a single unit. The Vipamat label on the canopy should be towards the front of the chair.

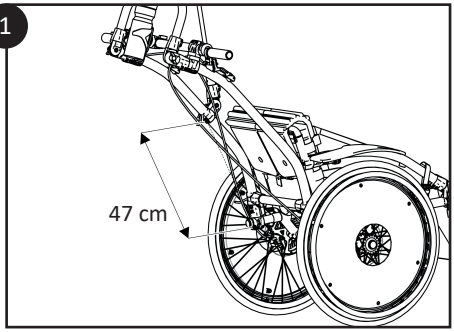
7 - You can install the top of the canopy alone by attaching the front strap (06) as shown in the diagram :
At the top under the label, pass the strap through the magnetic button.
At the bottom, pass the strap:
- Inside the frame tubes
- Go around the stem (grey parts)
- Come back from the back
- Pass in front of the first turn of the strap
- Return to the clamping point from the outside of the frame tubes

(do not install this strap if the legs protection is installed)
8 - To install the legs protection, strap the bottom of the protection around the frame tubes from the outside to the inside.

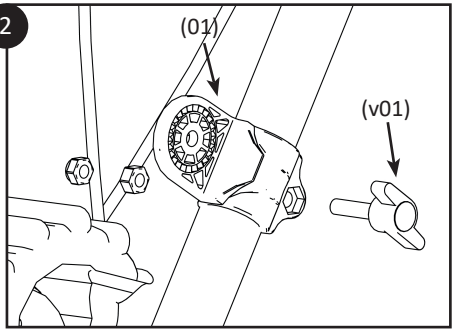
SCAN ME

Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #9 : Rain canopy with legs protection

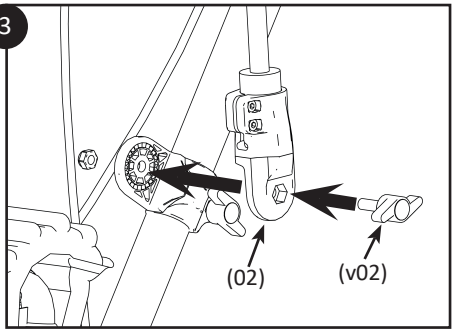
1



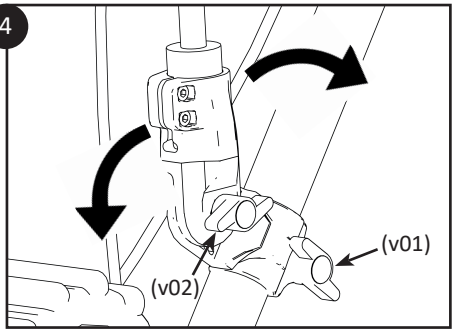
2

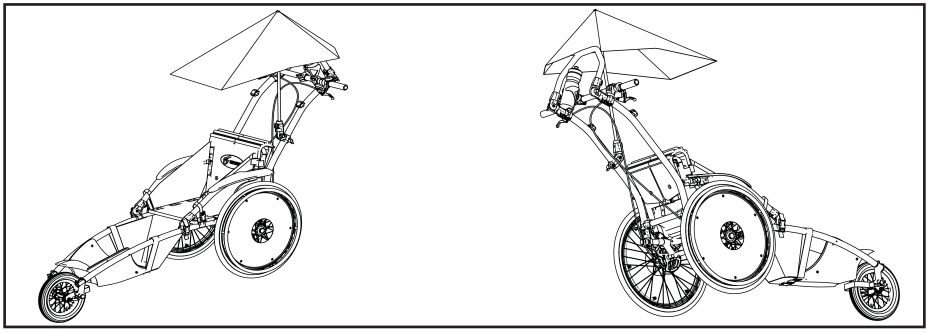


3



4





3.11 Assembly the umbrella option (0162-00-02)

1 - Open elastic piece (01) to place it on the push bar (on the right or on the left). Place part (01) at least A (47 cm ,18.5 inch) from the bottom of the push bar.

⚠ For a better orientation of the asymmetrical umbrella, the part (01) is always placed with the flat connecting side facing left of the frame (when you are on the chair).

2 - Tighten the wing screw (v01) of the part (01) to securely fix it to the push bar. Pass it through the nut (03) and through the braked nut (04).
3 - Tighten the wing screw (v02) of the umbrella's toothed end cap (02) on the flat side of the part (01).

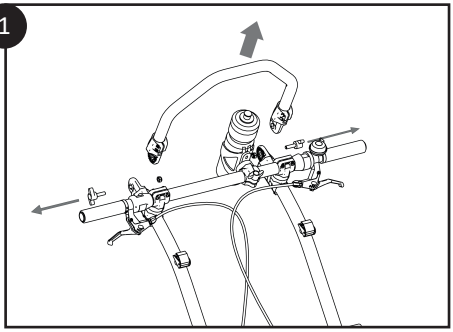
4 - To orientate the umbrella to your liking, unscrew and re-screw the umbrella wing screw (v02) and the wing screw of the part (v01).

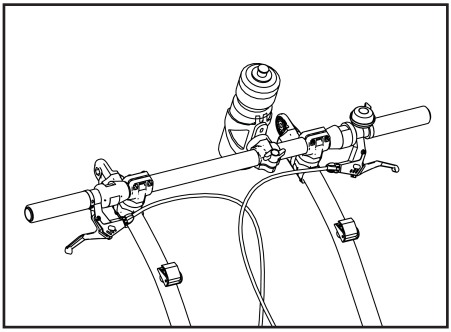
The serial number is located on the packaging.

SCAN ME

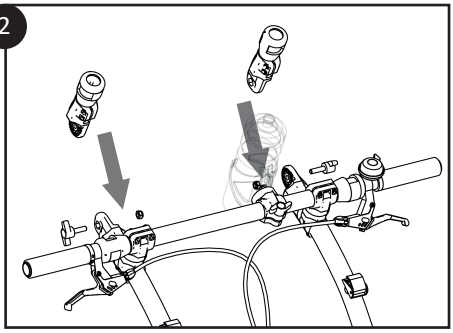
Check : The tutorial for the assembly of this option is available in video on Youtube.
Check :TUTO #10 : Umbrella - Ombrelle

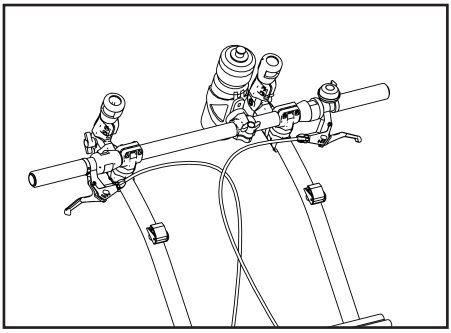
1



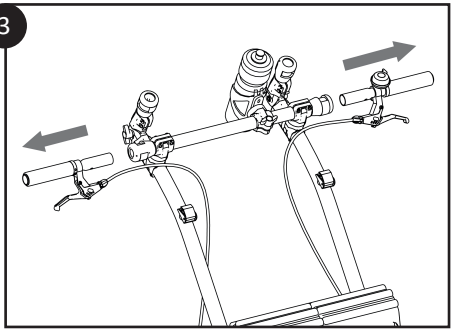


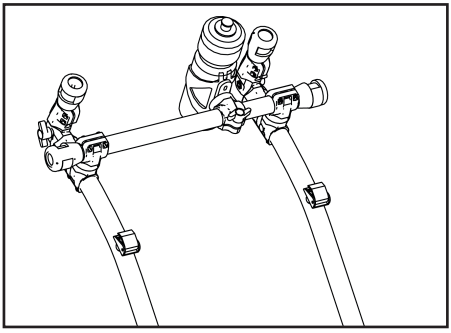
2



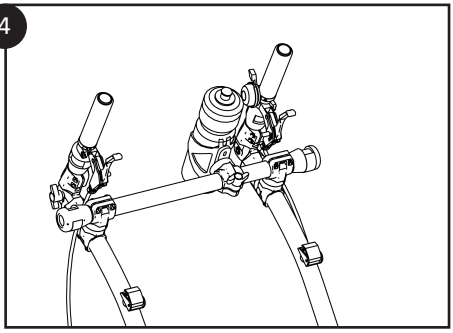


3

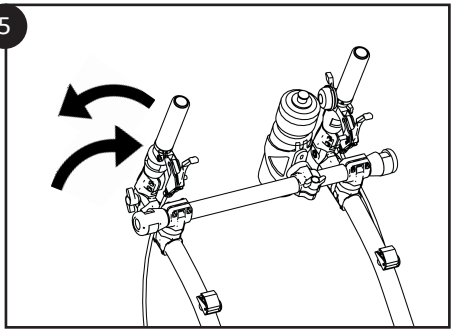




4



5



3.12 Assembly the optionnal pushing horns (0048-00-01)

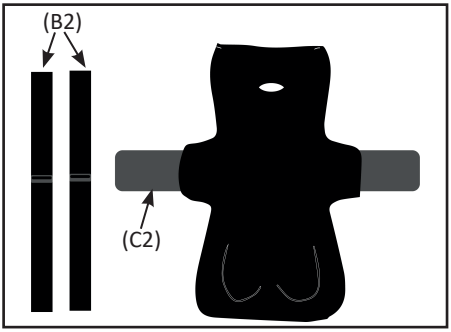
1 - Remove the top bar (hoop) of the push bar.
2 - Screw the two intermediate pieces (03) in place of the hoop. (the two 5mm screws towards the front)
3 - Open the push locks (04) on the handlebars to release the two red brake handles. The handles must only be connected to the wheelchair by the brake cable. Close the push locks (04).
4 - Insert the red brake handles on both sides into the intermediate pieces.
5 - Adjust the handles to the desired angle using the thumb screw.

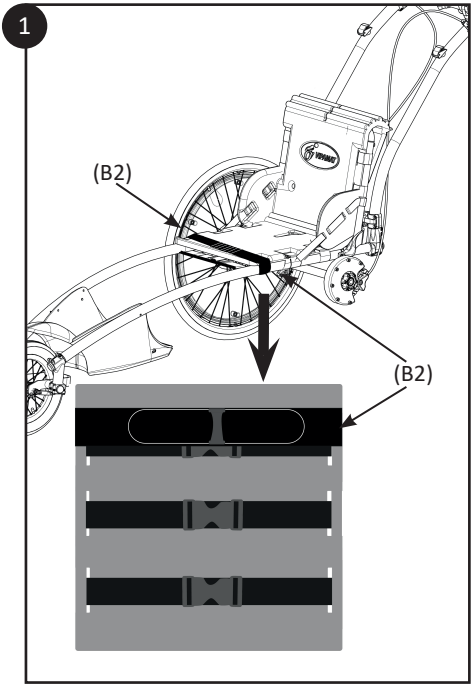
Check :
- Check the effectiveness of the brakes.
- Check that the push locks are closed.
- Check that the intermediate pieces (03) are firmly attached.

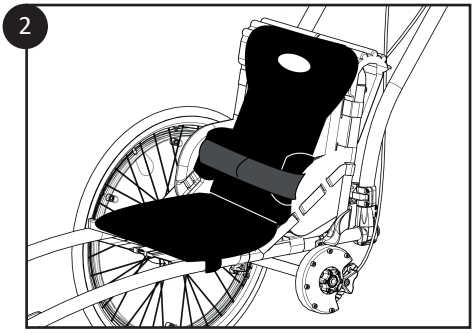
The serial number can be found on the packaging of the intermediate parts.

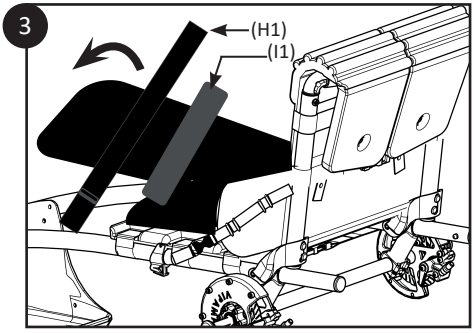


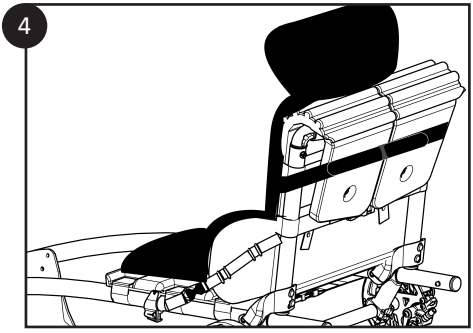
Check : The tutorial for the assembly of this option is available in video on Youtube.
Check : Installation of the push horns

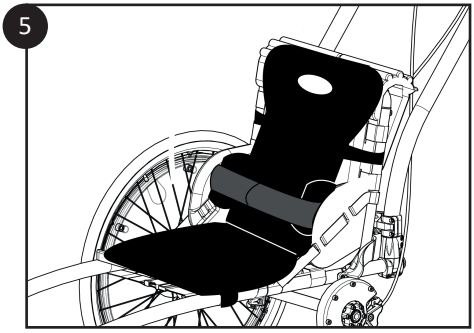

(B2)
(C2)


1
(B2)
(B2)


2


3
(H1)
(I1)


4


5

3.13 Attachment of the optional Confortable Plus Duo cushion (0050-TS-01, 0050-TM-01,0050-TL-01)

1 - Position the velcro strap (H1) on the seat of the Hippocampe wheelchair with the grip part (indicated by hatching in the drawing) facing upwards. Secure the velcro strap (H1) by passing the strap into the loop (J1) then by attaching it to the 'velvet' part of the velcro strap.

Check :
- Check that the velcro strap is taut and firmly fastened.

2 - Position the Confortable Plus Duo on the velcro strap placed on the seat of the wheelchair. The Stabilo will attach itself to the grip part of the velcro strap.
3 - Tilt the backrest of the Confortable Plus Duo forward and position the second velcro strap (H1) on the upper part of the Stabilo backrest.
4 - Pass the strap around the backrest of the wheelchair and then secure the velcro strap (H1) by passing the strap into the loop (J1) then by attaching it to the velcro part of the strap.
5 - Adjust the waist belt (I1).

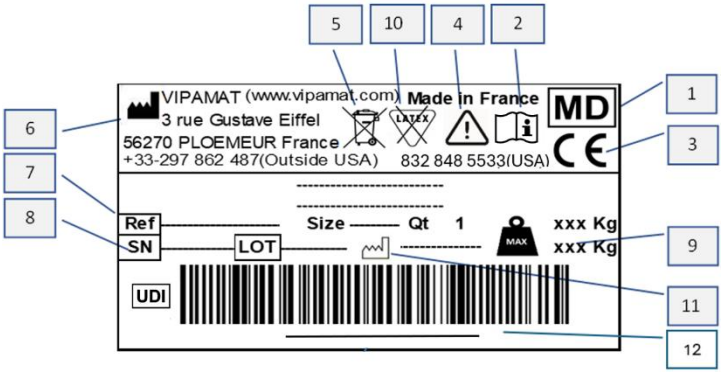
Check :
- Check that the Comfortable Plus Duo is securely fastened to the Hippocampe wheelchair.

6 - The Confortable Plus Duo velcro seat is an optional add-on distributed by Vipamat that adapts to the Hippocampe wheelchair. For safe use of the product, refer to its specific Instruction Manual.

4 Labels and symbols on the product

Symbol	Meaning	Symbol	Meaning
MD	1 Medical Device	Ref	7 Model number
	2 Read instructions before using	SN	8 Serial number
CE	3 CE mark	KG	9 Maximum user weight
	4 Warning	LATEX	10 Latex-free
	5 Do not dispose of in the household garbage		11 Date of manufacture
	6 Manufacturer	UDI	12 UDI number (Unique Device Identifier)

The identification sticker is attached to the frame of your wheelchair and provides the following information:



5 Technical Specifications

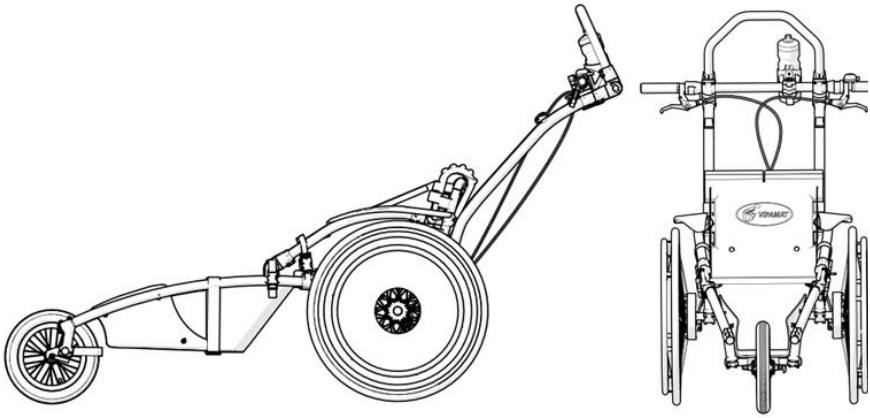
5.1 Dimensions and Weight

1 - All dimensions and weight specifications refer to a wide range of wheelchairs in a standard configuration. Dimensions and weight (according to ISO 7176–1/5/7) may vary depending on configurations.

Check :

– In certain configurations, the size of the wheelchair ready for use exceeds the authorized limits, and access to emergency exits is not possible.

– In certain configurations, the size of the wheelchair exceeds the recommended dimensions for train travel within the EU.



Performance values	Observations
Overall length with footrest (mm)	M : 1750 mm - L : 1850 mm - XL : 1980 mm
Overall width (mm)	880 mm
Folded chair length (mm)	M : 128 cm - L : 138 cm - XL : 151 cm
Folded chair width (mm)	580 mm
Folded chair height (mm)	400 mm
Total chair weight (kg)	21 kg
Weight of the heaviest part (kg)	5 kg
Seat plane angle (°)	7 °- 9 °
Effective seat depth (mm)	370 mm
Effective seat width (mm)	400 mm
Seat height at front edge (mm)	430 mm
Backrest angle (°)	90 °- 105 °
Backrest height (mm)	370 mm - 470 mm
Distance between footrest and seat (mm)	M : 100 mm - L : 200 mm - XL : 300 mm
Angle between leg and seat plane (mm)	
Distance between armrests and seat (mm)	220 mm - 330 mm
Distance from front of armrests to backrest (mm)	380 mm
Handrail diameter (mm)	490 mm
Axle horizontal placement (mm)	80 mm
Turning radius (mm)	
Static stability on descent (°)	20°
Static stability on ascent (°)	7°
Lateral static stability (°)	20°

5.2 Tires

The ideal pressure depends on the type of tire.
The following table is provided for reference. If the tire used is not listed, refer to the sidewall of the tire: the maximum pressure is usually indicated there.

Tire	Diameter	Max pressure (bars)	Max pressure (kPa)	Max pressure (psi)
Fin tire (23x540) 24x1	610 mm (24”)	7.6 bars	760 kPa	101 psi
Trail tire 24x1.95	610 mm (24”)	4.5 bars	450 kPa	145 psi

The compatibility of the tires listed above depends on the configuration and/or model of your wheelchair.

– In case of a flat tire, please consult an appropriate workshop (such as a bike repair shop, a bike supplier, etc.) for tube replacement by a qualified person.
– The tire size is indicated on the sidewall of the tire. Tire replacement should be performed by a qualified technician.

⚠ WARNING!
– The tire pressure must be equal in both wheels to avoid reducing driving comfort, preserve the effectiveness of the parking brakes, and facilitate the propulsion of the wheelchair.

5.3 Materials

Anti-theft and metal detection systems: In rare cases, the materials used in the wheelchair may activate anti-theft and metal detection systems.

5.4 Ambient Conditions

It is important to note that if the wheelchair has been stored at low temperature, it must be adjusted as indicated in the Maintenance section before being used.

	Storage and transport	Use
Temperature	-20 °C to 40 °C	-5 °C to 40 °C
Relative humidity	From 20 to 90% at 30 °C, without condensation	From 20 to 90% at 30 °C, without condensation
Atmospheric pressure	From 800 hPa to 1060 hPa	From 800 hPa to 1060 hPa

Find our tutorial channel on Youtube and follow our news on Facebook and Instagram.



Vipamat



Vipamat
France



Vipamat

Space reserved for the dealer

Space reserved for the service provider

Notes

Notes

(EN) Hippocampe Marathon and Trail

EN12-04-V3-EN*09/06/2025

EN

VIPAMAT
3 rue Gustave Eiffel – 56270 PLOEMEUR (France)
Tel: +33 (0)2 97 86 24 87 - Fax: +33 (0)2 97 86 73 81
www.vipamat.com - contact@vipamat.com