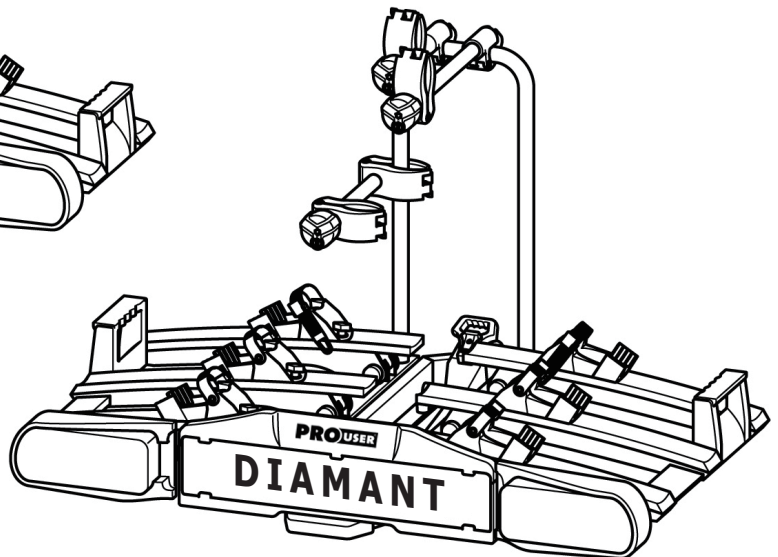
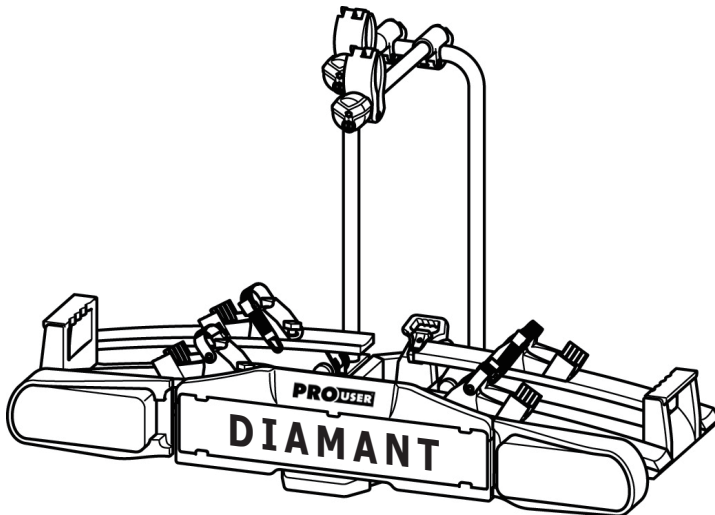
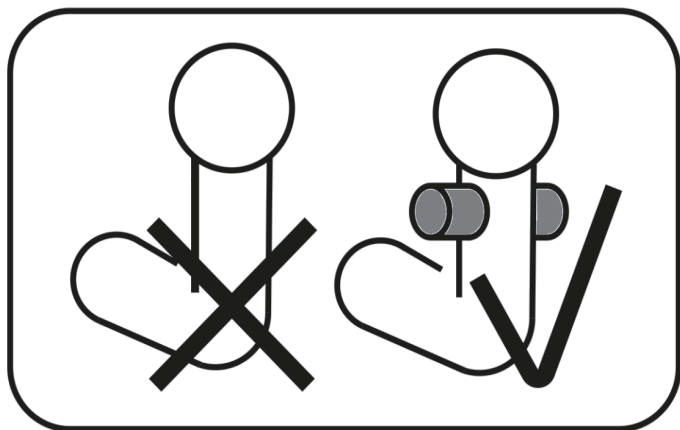


Bicycle carrier DIAMANT SG2 / SG3

Operating instructions



FIX4BIKE® ONLY



DIAMANT SG2 FixMatic

Item no. 91875

DIAMANT SG3 Fixmatic

Item no. 91876

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Effective: 09/2021

Information on these operating instructions

Foreword

These fitting instructions will assist you with the

- proper and
- safe

fitting of the DIAMANT bicycle carrier.

Obligations regarding these fitting instructions

Every person who

- fits,
- cleans or
- disposes of

this bicycle carrier must have taken note of and understood the complete contents of these fitting instructions.

Keep these fitting instructions ready-to-hand and safe at all times. Hand on these fitting instructions when removing or passing on the bicycle carrier.

Proper use

The bicycle carrier DIAMANT SG2 is used for the transport of max. two bicycles.

The bicycle carrier DIAMANT SG3 is used for the transport of max. three bicycles.

It must be mounted only on trailer couplings which meet the requirements specified in the chapter "Coupling requirements". The permissible carrying capacity of the bicycle carrier must not be exceeded under any circumstances

Proper use also includes the observation of all information provided in these fitting instructions, and in particular the safety instructions. Any other form of use constitutes improper use, and can result in personal injury or material damage.

Tradekar Benelux BV accepts no liability for damage resulting from improper use.

Safety instructions – Explanation of the categories

You will find in these instructions the following categories of safety instructions:

WARNING!



Personal injury possible:
Instructions under the heading **WARNING!** warn of potentially impending danger.
Failure to avoid such danger may result in serious or even fatal injuries

CAUTION!



Personal injury or material damage possible:
Instructions under the heading **CAUTION** warn of possibly impending danger.
Failure to avoid such danger may result in slight or minor injuries.
The product or other nearby objects may be severely damaged.

ATTENTION!



Personal injury or material damage possible:
Instructions under the heading **ATTENTION** warn of a potentially harmful situation.
Failure to avoid such situations may result in damage to the product or other nearby objects.

NOTE!

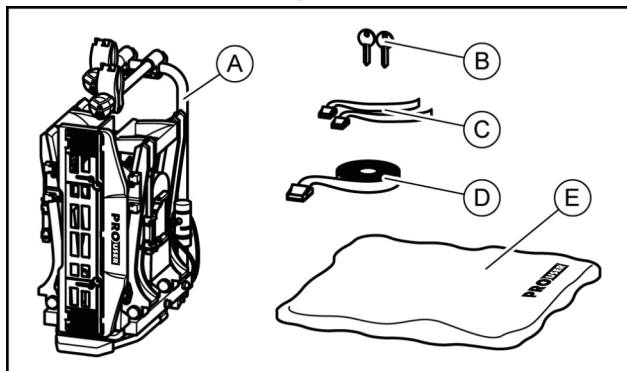


Other instructions:
Useful tip. Facilitates the operation or fitting of the product or serves for better understanding.

The safety symbol used does not replace the text of the safety instruction.

Read the safety instruction and follow it exactly!

Scope of delivery



A = Bicycle carrier

B = 2 keys

C = 2 safety straps for front wheels, DIAMANT SG2
(3 safety straps for front wheels, DIAMANT SG3)

D = 1 Safety strap for bicycle frame

E = Transport bag

Technical data

	DIAMANT SG2	DIAMANT SG3
Item no.:	91734	91735
Material:	Steel Aluminium	Steel Aluminium
Weight:	17 kg	21 kg
Carrying capacity, max.:	60 kg	60 kg

The max. carrying capacity of the bicycle carrier and the permissible bearing load of the trailer coupling must not be exceeded.

The bicycle carrier and load must not exceed the permissible overall weight, or the permissible axle load of the vehicle.

Examples for DIAMANT SG2

Max. bearing load Trailer coupling	Weight Bicycle carrier	Max. carrying capacity on bicycle carrier
50 kg	17 kg	33 kg
60 kg	17 kg	43 kg
75 kg	17 kg	58 kg
90 kg	17 kg	max. 60 kg !

Examples for DIAMANT SG3

Max. bearing load Trailer coupling	Weight Bicycle carrier	Max. carrying capacity on bicycle carrier
50 kg	21 kg	29 kg
60 kg	21 kg	39 kg
75 kg	21 kg	54 kg
90 kg	21 kg	max. 60 kg !

Coupling requirements

WARNING!



Personal injury is possible due to breakage of the trailer coupling.

The coupling could break if the bicycle carrier is fitted to a coupling made of too soft a material.

- Fit the bicycle carrier only to a coupling made of steel St52, grey cast iron GG52 or higher quality.
- Never fit the bicycle carrier to a coupling made of aluminium, other light metals or plastic.

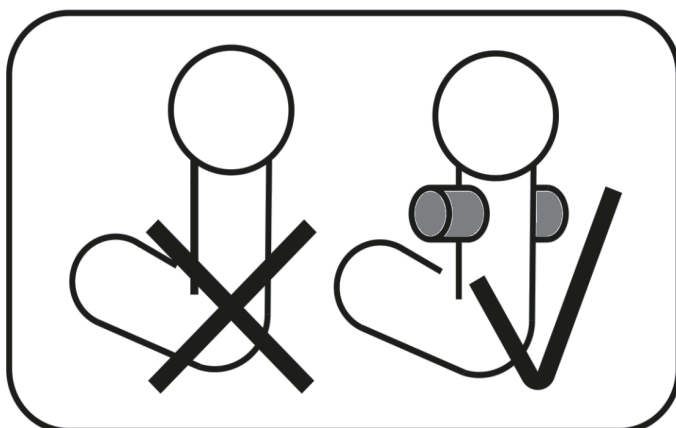
Fit the bicycle carrier only to trailer couplings with the following properties:

Material:.....min. steel St52 or grey cast iron GG52

D-value:..... > 7,6 kN

Note the instructions of the coupling manufacture.

FIX4BIKE® ONLY



Safety instructions

Follow the fitting instructions carefully. Failure to follow the instructions can lead to personal injuries and material damage.

If you are not sure about correct fitting, ask your dealer or the manufacturer for further information.

Neither the manufacturer nor dealer are liable for damages which are due to improper use or fitting.

Check the bicycle carrier and the load regularly: you are required to do so and may be held liable in case of damage.

NOTE



European operating approval has been obtained for this bicycle carrier. This is supplied with the carrier, and must be carried when using the carrier.

NOTE



The legal regulations and provisions on the transport of goods on the back of your vehicle apply when driving with a mounted bicycle carrier.

WARNING!



Personal injury or material damage due to changed vehicle driving characteristics. Driving with the bicycle carrier fitted will affect the driving characteristics of your vehicle.

- Adjust your speed to the new driving characteristics.
- Never exceed a speed of 130 km/h.
- Avoid sudden and jerky steering movements.
- Remember that your vehicle is longer than usual.

WARNING!



Personal injury or material damage due to overloading.

Exceeding the max. carrying capacity of the bicycle carrier or the permissible bearing load of the trailer coupling or the permissible overall weight can lead to serious accidents.

- Observe the information on the max. carrying capacity, permissible bearing load and permissible overall weight of your vehicle. Never exceed these specifications.

WARNING!



Personal injury or material damage due to loss of the bicycles.

Carrying bicycles without using the safety straps can lead to accidents.

- Before the start of every journey, check the correct and firm attachment of the strap around the bikes and the U-shaped bracket of the carrier (see Step 10).
- Before the start of every journey, check the correct and firm attachment of both straps around the front wheel, and the strap around the rear wheel of the bicycle.
- Tighten the straps if necessary.
- Before the start of every journey, check that the straps are not worn or damaged.
- Worn or damaged straps must be replaced with undamaged straps before the start of the journey. The straps used must be approved by Tradekar Benelux BV.

WARNING!



Personal injury or material damage due to incompletely fitted bicycle carrier.

Driving with a folded bicycle carrier can lead to accidents.

The moving parts of bicycle carrier constitute a source of danger if not properly fitted.

- Remove the bicycle carrier if it is not needed.
- Never drive with a folded bicycle carrier.

WARNING!



Personal injury or material damage due to projecting parts.

Parts projecting beyond the edge of the vehicle or bicycle carrier can cause personal injury or material damage when driving.

- Fit only such parts which do not project beyond the edge of the vehicle or bicycle carrier.

WARNING!



Personal injury or material damage due to tarpaulins.

Tarpaulins increase the air resistance. They can become loose and fly about leading to serious accidents.

- Never use tarpaulins or covers.

WARNING!



Personal injury or material damage due to loss of the bicycles.

After the attachment, the carrier first settles properly into the coupling after driving several kilometres.

- Check the attachment of the carrier for secure attachment after driving several kilometres.
- Redo the attachment if it is loose.

WARNING!



Personal injury or material damage due to the breaking off of the bicycle carrier.

Driving with a mounted bicycle carrier over difficult terrain can lead to the carrier breaking off.

- Do not use the bicycle carrier when driving over difficult terrain.

Only suitable for use on the hitch of a passenger car

ATTENTION!



Material damage due to opening tailgate. The tailgate could impact against the bicycle carrier and be damaged.

- Switch off electric tailgates and operate them manually.
- Fold down the bicycle carrier before opening the tailgate.

ATTENTION!

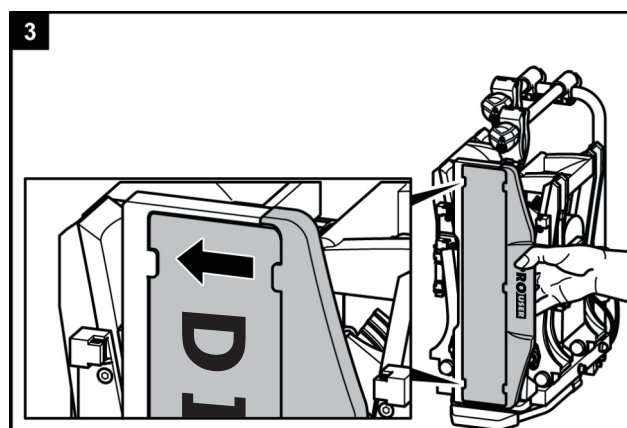
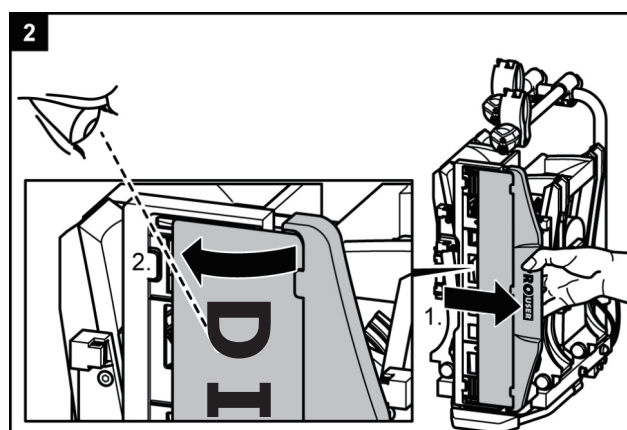
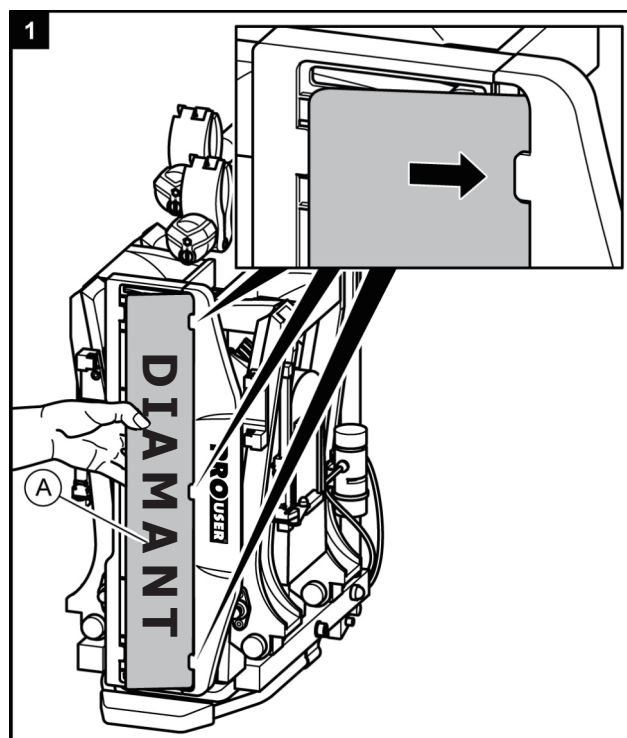


Material damage due to hot exhaust gases. Damage can be caused to the bicycle carrier or the bicycles if the exhaust pipe is too close.

- Fit an exhaust deflector if necessary.

Before first use

Fitting the registration plate to the bicycle carrier



Fitting and use

Fitting the bicycle carrier to the trailer coupling

- Park your vehicle on a level surface.
- Apply the handbrake.

WARNING!



Personal injury or material damage due to damaged bicycle carrier.

Damage of the carrier, e.g. by bent parts, cracks or scratches, prevent the safe operation of the carrier.

- Do not fit the bicycle carrier if it is damaged in any way.
- Proceed as described in the chapter "Maintenance".

WARNING!



Personal injury or material damage due to loss of the bicycle carrier during the journey.

A faulty or defective connection between the bicycle carrier and trailer coupling can lead to the detachment of the bicycle carrier.

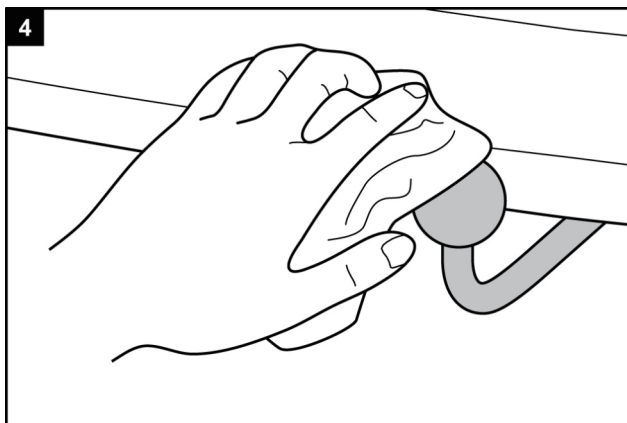
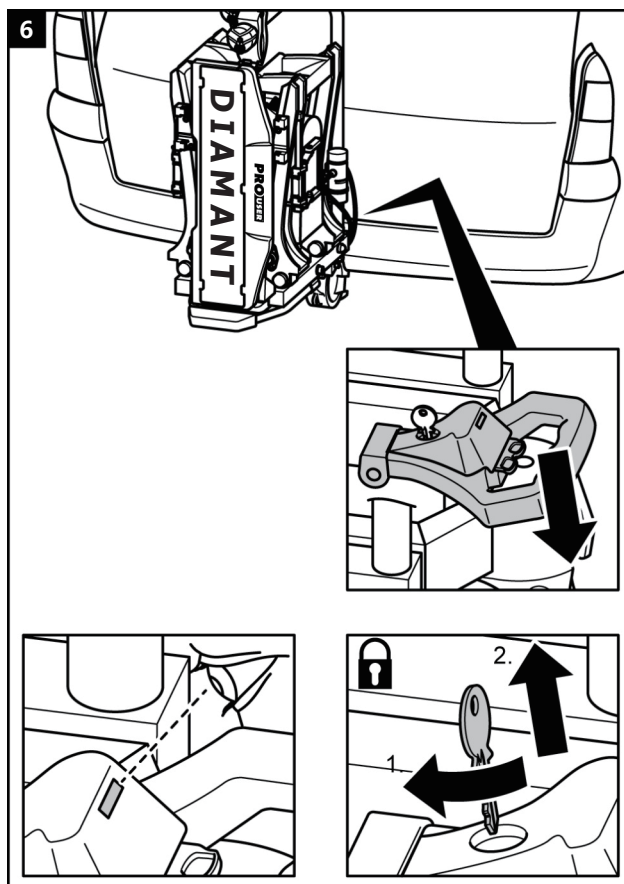
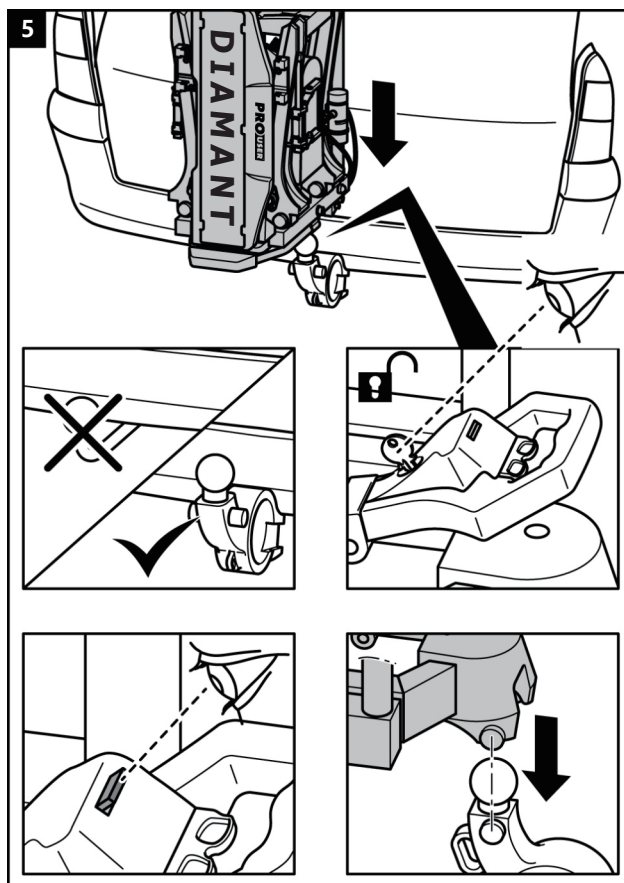
- Replace the trailer coupling if it is damaged.
- Clean the trailer coupling of dirt, dust and grease.

NOTE



There is often a layer of paint on the coupling ball.

For the best possible attachment of the bicycle carrier, this paint coating should be carefully removed. Note the instructions of the coupling manufacturer.



WARNING!



Personal injury or material damage due to unsecure bicycle carrier.
If the lever is not secured by locking, the bicycle carrier could become detached from the vehicle during the journey

- Lock the bicycle carrier.
- Check that you have locked the lever and removed the key.

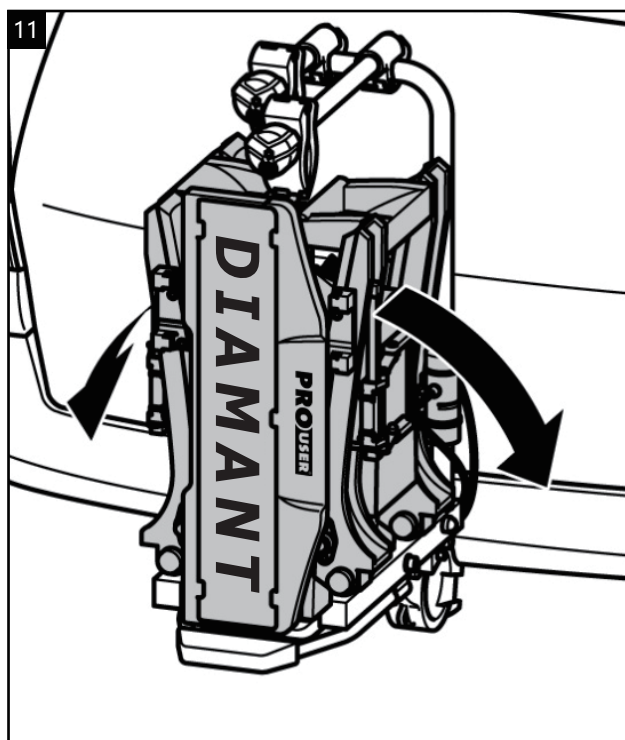
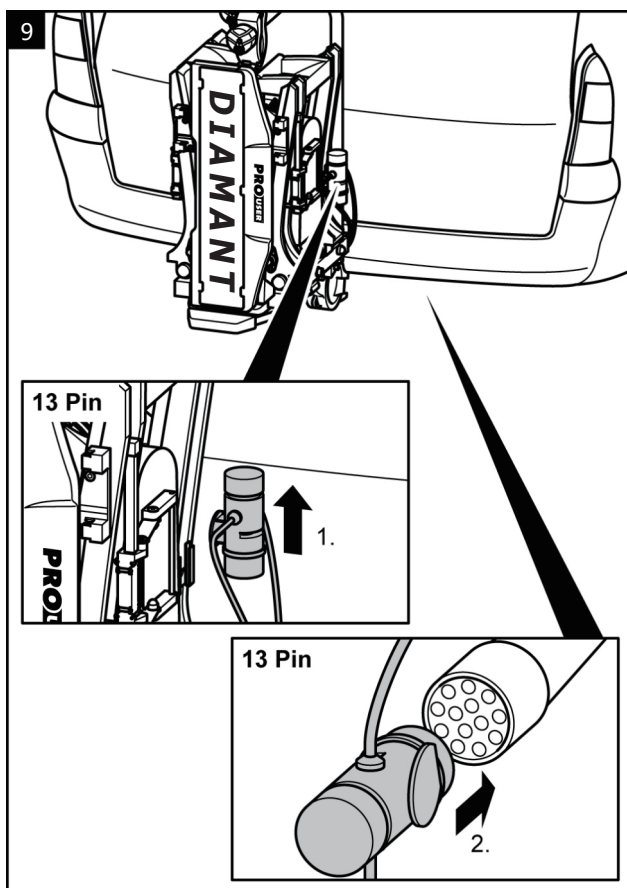
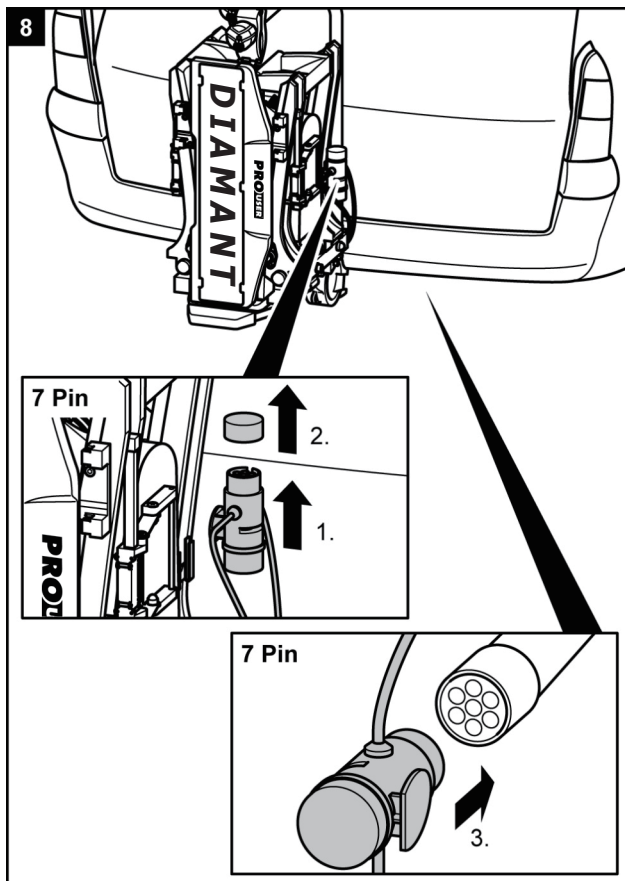
Locking the bicycle carrier also prevents its possible loss by theft.

WARNING!



Personal injury or material damage due to loss of the bicycle carrier during the journey.
A loose connection between the bicycle carrier and trailer coupling can lead to detachment of the bicycle carrier.

- Check the bicycle carrier for secure attachment.
- Repeat steps 4 to 8 in the event of a loose connection. If this brings about no improvement, the quick-fastener may need to be adjusted, see chapter "Maintenance".

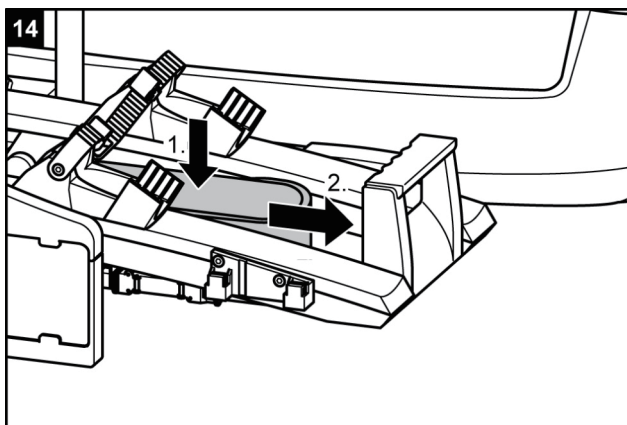
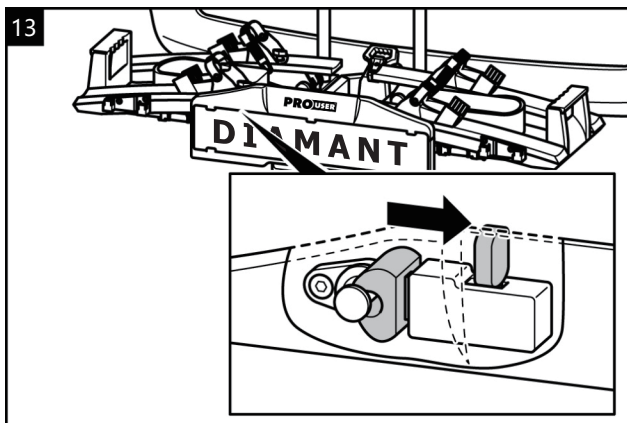
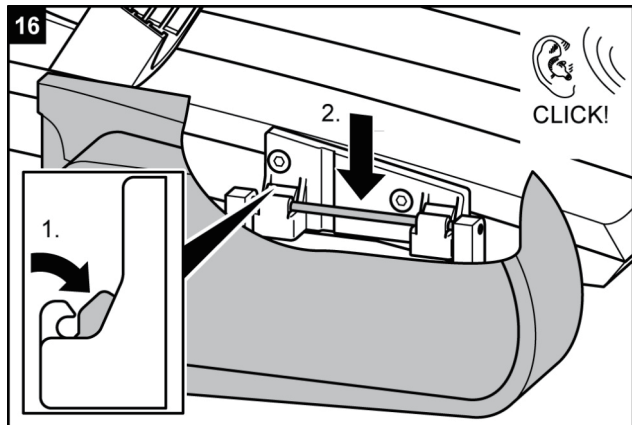
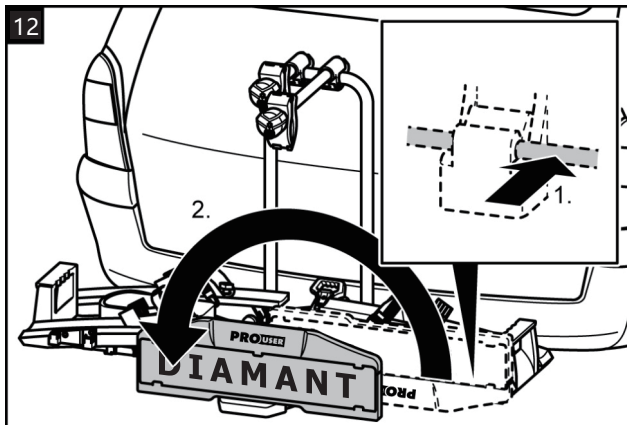
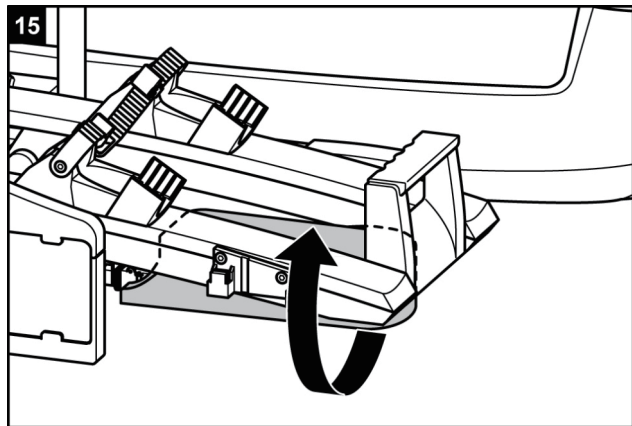


WARNING!



Personal injury or material damage due to unsecure registration plate holder. If the registration plate holder is not secured by the locking bolt, it could become detached during the journey.

1. Withdraw the locking bolt.
2. Fold down the registration plate holder until it is heard to engage.
3. Release the locking bolt and allow it to engage in the hole in the registration plate holder.



WARNING!



Personal injury due to not being seen by other road-users.

Driving with a defective lighting system can lead to accidents.

- Check the correct operation of the lighting system before the start of every journey.
- Replace any defective bulbs.
- Check the connection between the plug and coupling.

Mounting bicycles

ATTENTION!



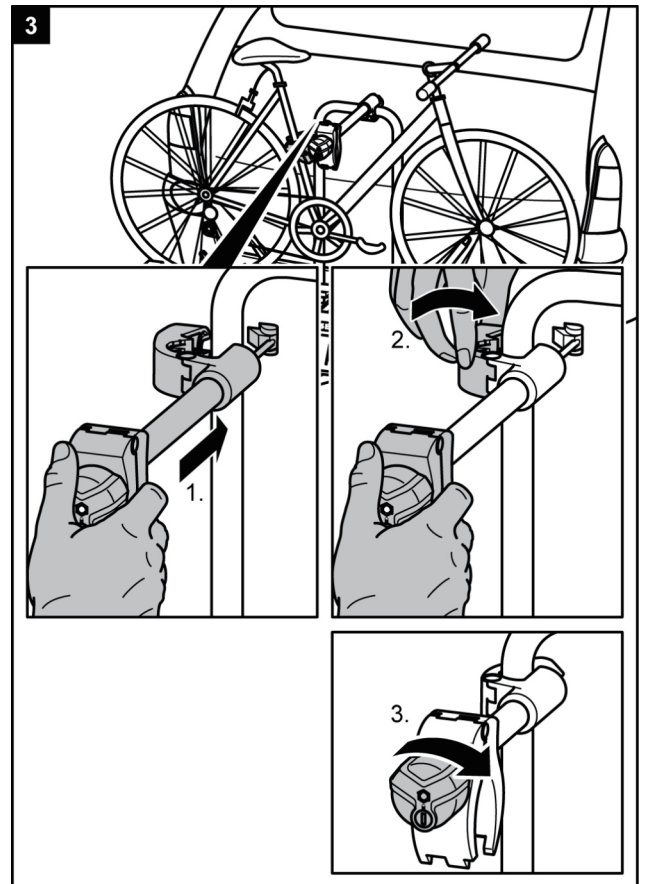
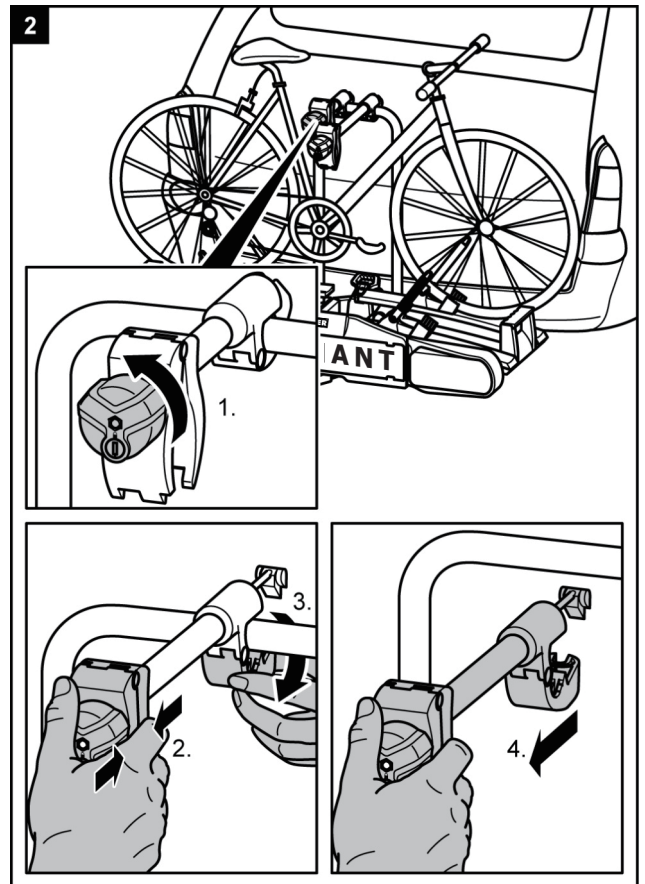
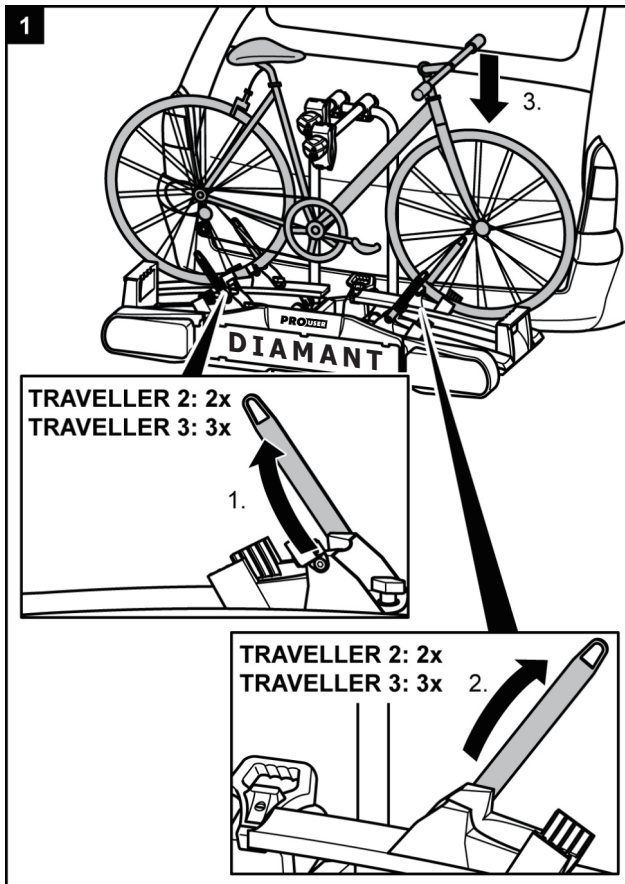
Personal injury or material damage possible due to loose parts. Improperly tightened parts on the bicycles can become loose during the journey.

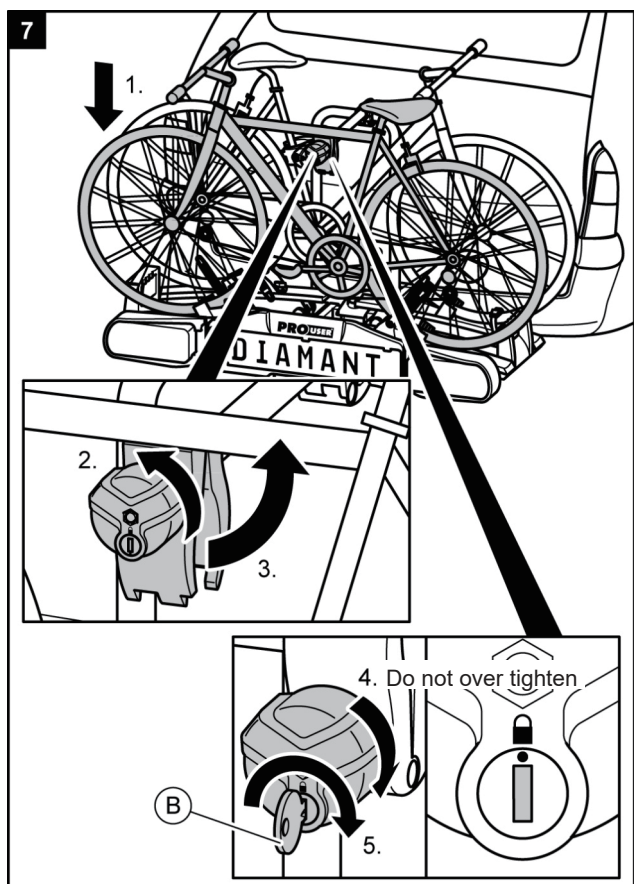
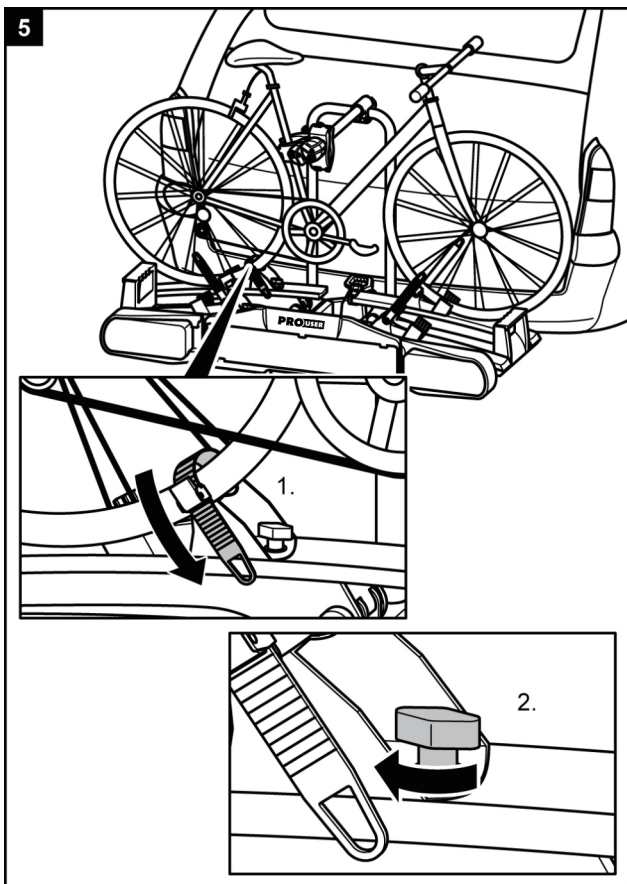
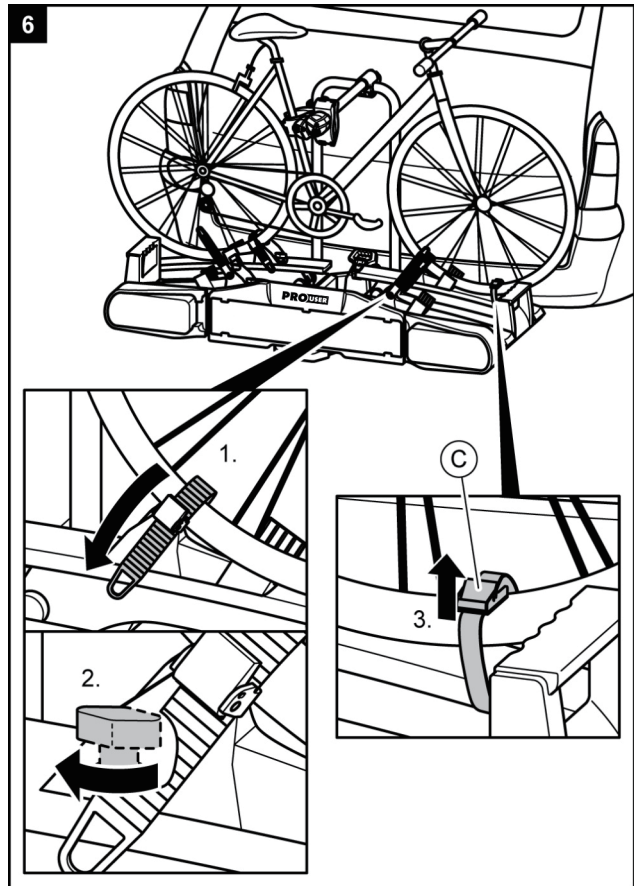
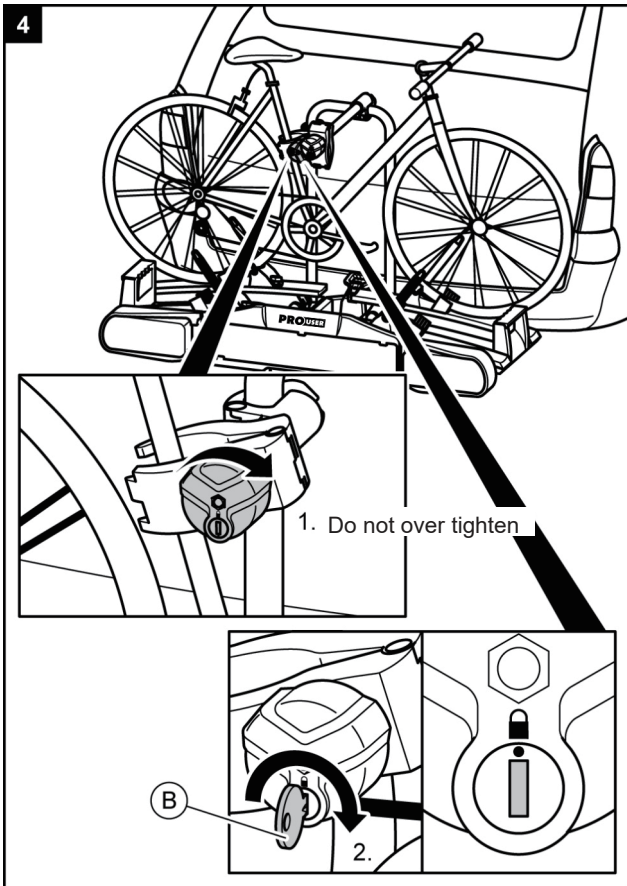
- Remove all parts not firmly attached to the bicycle, such as bicycle pumps, panniers, navigation devices or batteries.

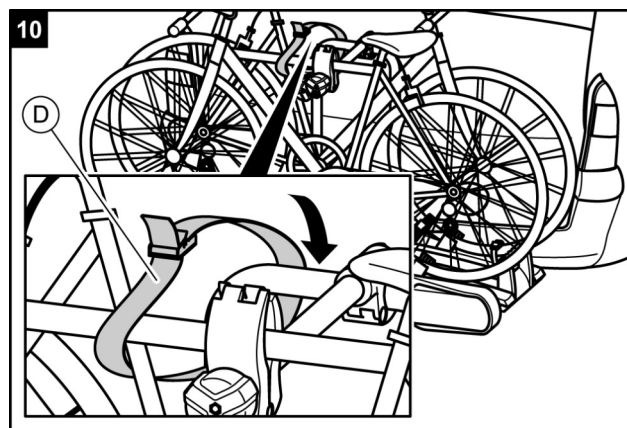
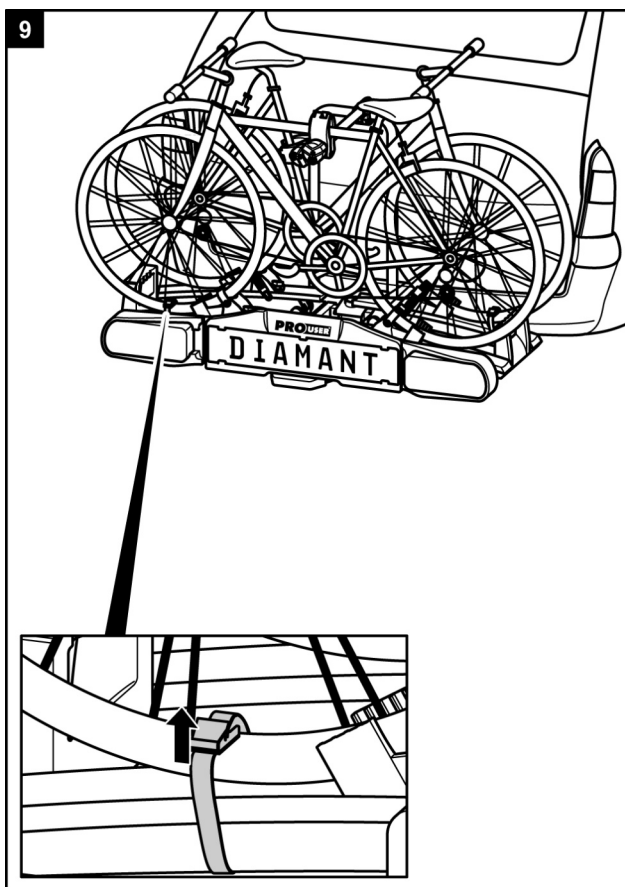
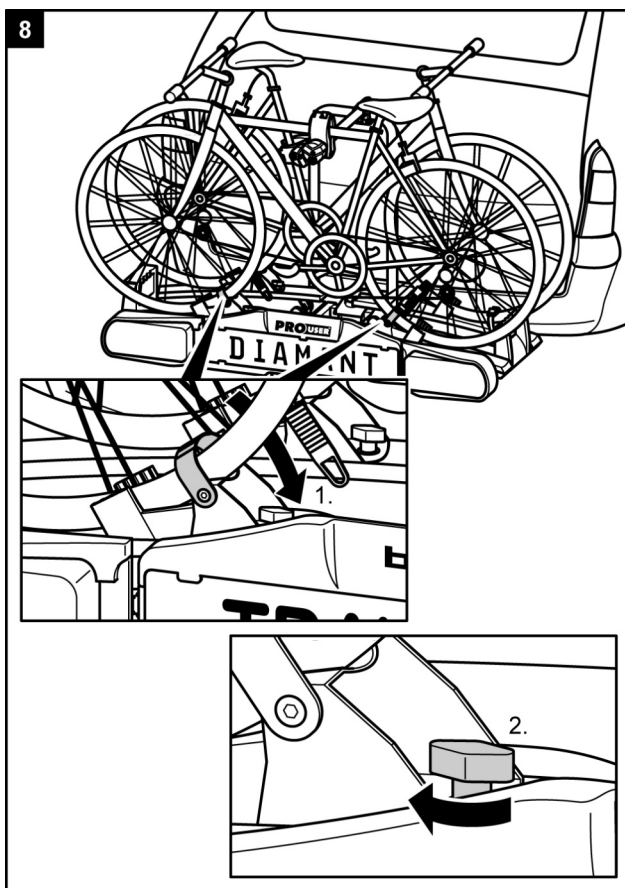
NOTE



In order to improve the driving characteristics of your vehicle, mount the heavier bicycle first. If carrying only one bicycle, this should be mounted in the rail closest to the rear of the vehicle.







WARNING!



Personal injury or material damage due to loss of the bicycles.

Carrying bicycles without using the safety straps can lead to accidents.

- Before the start of every journey, check the correct and firm attachment of the strap around the bikes and the U-shaped bracket of the carrier (see Step 10).
- Before the start of every journey, check the correct and firm attachment of both straps around the front wheel, and the strap around the rear wheel of the bicycle.
- Tighten the straps if necessary.
- Before the start of every journey, check that the straps are not worn or damaged.
- Worn or damaged straps must be replaced with undamaged straps before the start of the journey. The straps used must be approved by Tradekar Benelux BV.

WARNING!



Personal injury or material damage due to loss of a bicycle during the journey.

A loose connection between the bicycle carrier and bicycle can lead to detachment of the connection and loss of the bicycle.

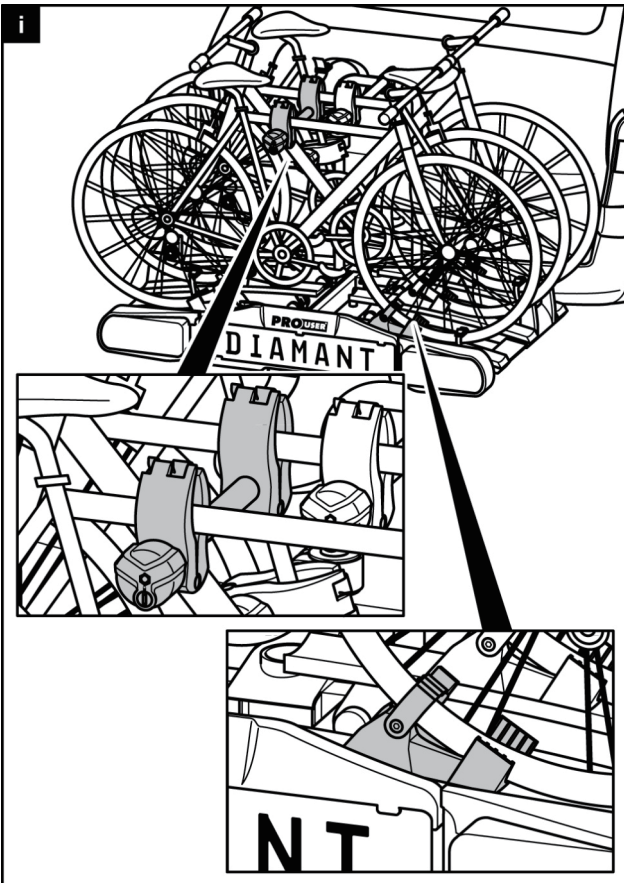
- Check the bicycles for secure and complete attachment.
- Repeat steps 1 to 10 of this chapter in the event of a loose connection.

DIAMANT SG3: Assembly of a third bicycle

NOTE



The assembly of a third bicycle is done using the free wheel stoppers on the tyres as with the attachment of the first and second bicycles. The third bicycle is additionally connected to the centre bicycle frame with the short lock bracket.



WARNING!

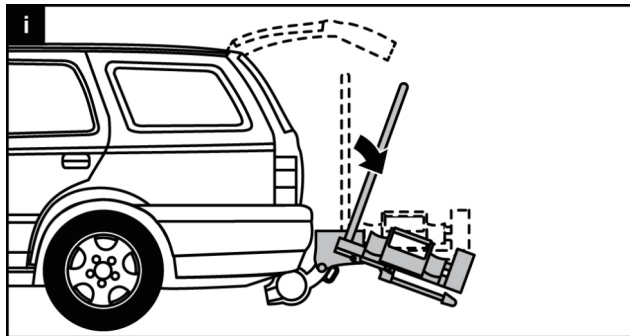


Personal injury or material damage due to loss of the bicycle carrier during the journey. Carrying bicycles without using the safety straps can lead to accidents.

A loose connection between the bicycle carrier and bicycle can lead to detachment of the connection and loss of the bicycle.

- Carefully observe all warnings on page 70.

Tilting the bicycle carrier, access to the luggage space

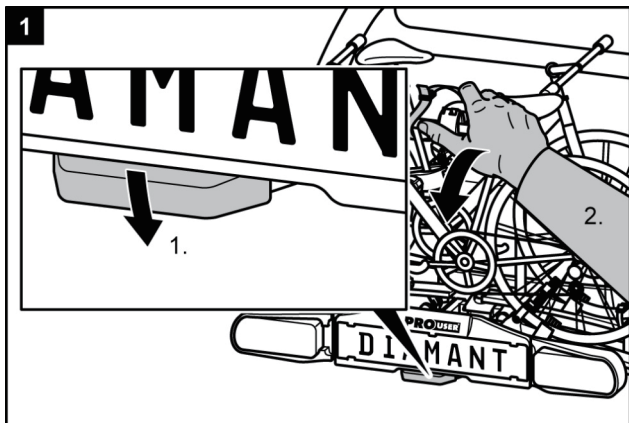


ATTENTION!



Material damage due to opening tailgate. The tailgate could impact against the bicycle carrier and be damaged.

- Switch off electric tailgates and operate them manually.
- Fold down the bicycle carrier before opening the tailgate.



CAUTION!



Personal injury or material damage due to sudden folding down of the carrier. Body parts or objects under or in front of the carrier when it is folded down may be trapped.

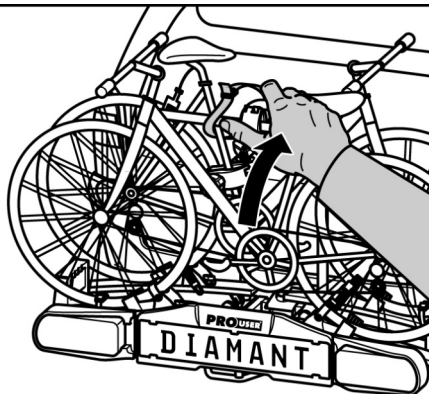
- Make sure that there is nothing under the carrier.
- Keep all body parts, and particularly your head, clear, and maintain a suitable safety distance.
- Hold the carrier by the U-bracket when folding it down. With your foot loosen the locking device (1.) and then tilt the carrier downward with your hand (2.)

CAUTION!

Personal injury or material damage possible when folding up the carrier. Body parts or objects between the carrier and the vehicle when it is folded up may be trapped.

- Make sure that there is nothing between the carrier and the vehicle.
- Remove any objects between the carrier and the vehicle.

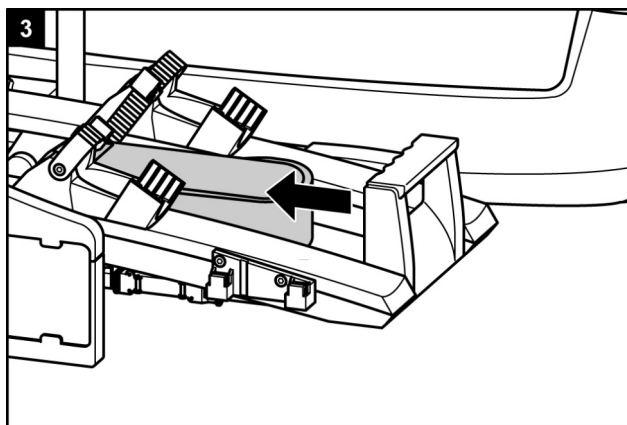
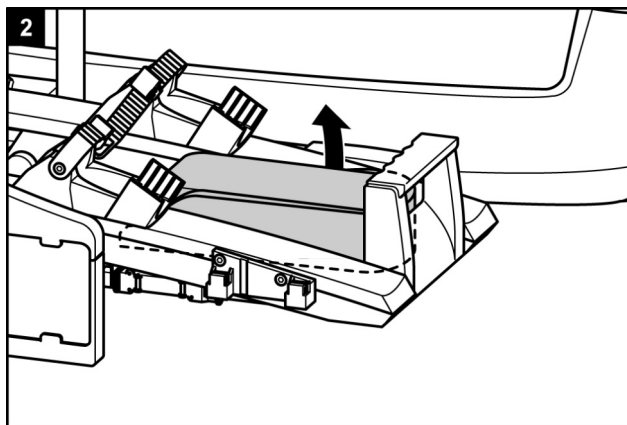
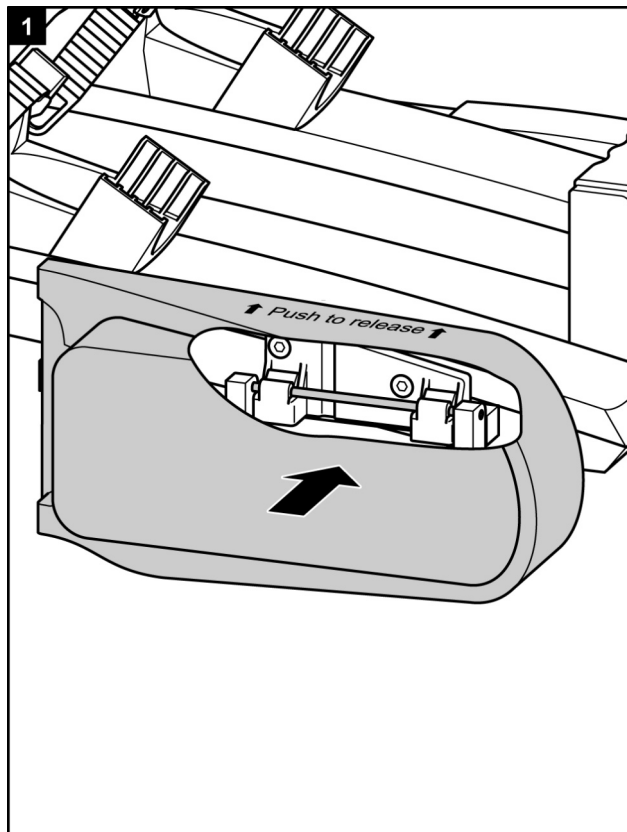
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**WARNING!**

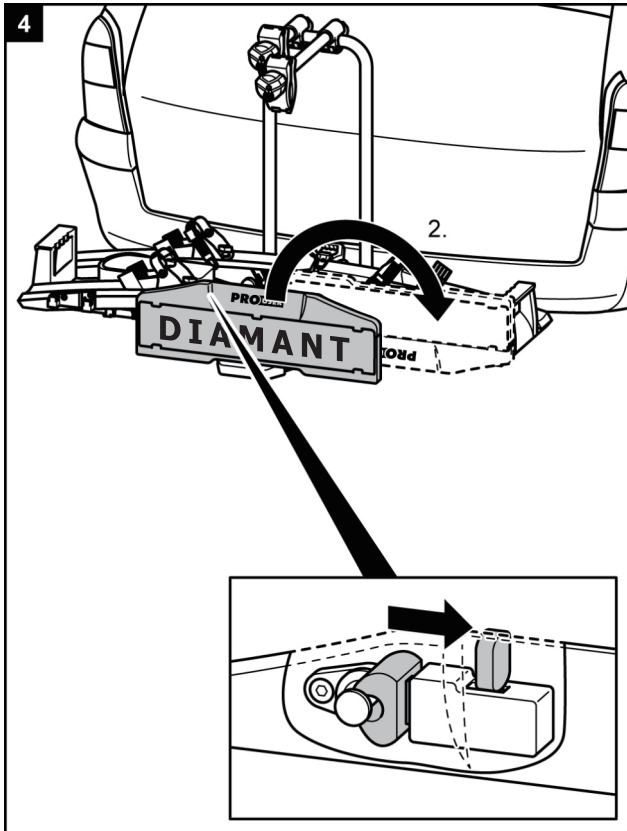
Personal injury or material damage possible due to loss of the bicycle carrier during the journey.

A bicycle carrier which is not folded up can result in detachment of the carrier or the coupling.

- Fold the carrier up before the start of the journey.
- Check that the bicycle carrier is correctly engaged and the rotary knob is set to "locked". Lock the carrier if necessary as described above and set the rotary knob to "locked".

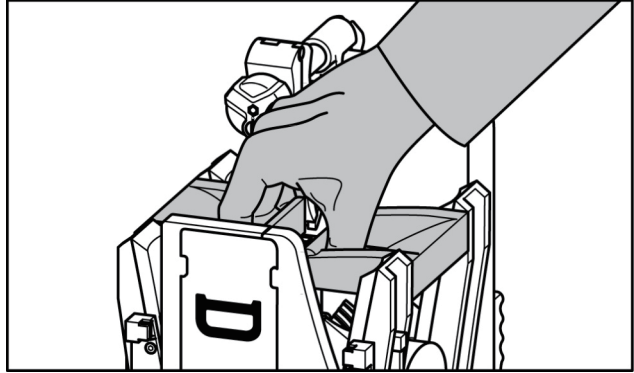
Dismantling the bicycle carrier

First release the locking bolt behind the registration plate holder.

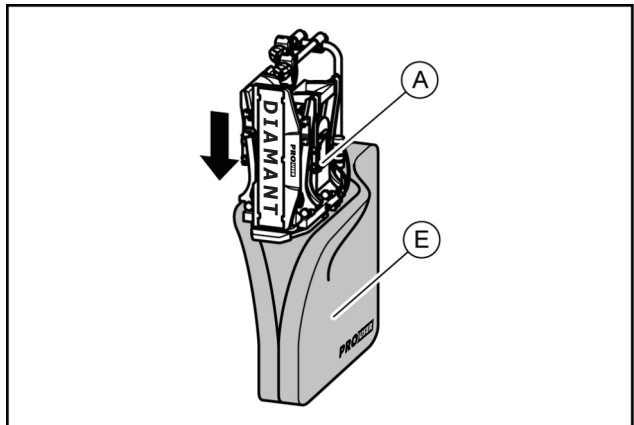


To dismantle the bicycle carrier, proceed in the reverse order to fitting

Carrying the bicycle carrier



Stowing the bicycle carrier in the transport bag



Cleaning and care

The bicycle carrier can be cleaned with a mild cleaning agent, with warm water and/or a soft cloth.

First remove any coarse dirt and dust. Do not use any solvents or similar cleaning agents, since these can damage the bicycle carrier.

Leave the bicycle carrier to dry on its own. Do not use any electrical driers or other heating equipment to speed up the drying process.

Clean the bicycle carrier regularly when used in coastal areas or in winter conditions in order to wash off any salt and prolong the service life of the bicycle carrier.

Store the bicycle carrier in a dry and protected area when not used for extended periods (e.g. over winter) in order to prolong the service life of the bicycle carrier.

Maintenance

Check the bicycle carrier for wear before the start of every journey. Defective metal parts and straps in particular must be replaced.

Please refer to our customer service for the replacement of parts.

Any modification of original parts and materials or the construction of bicycle carrier can adversely affect its safety and serviceability.

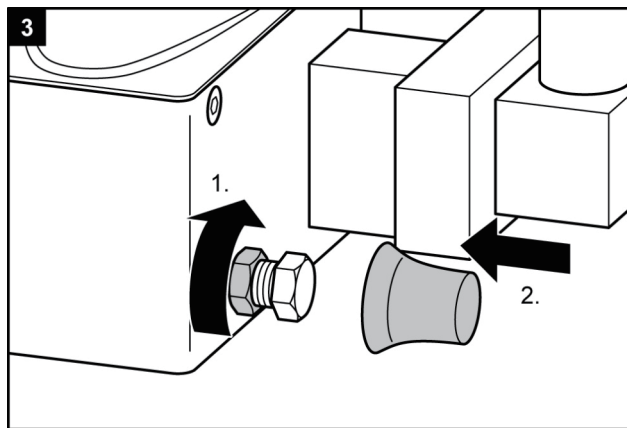
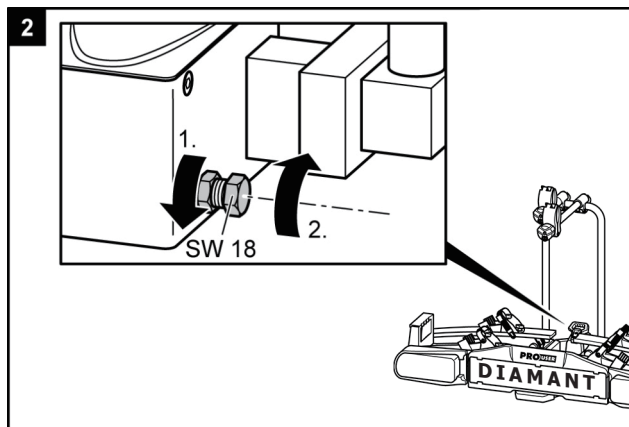
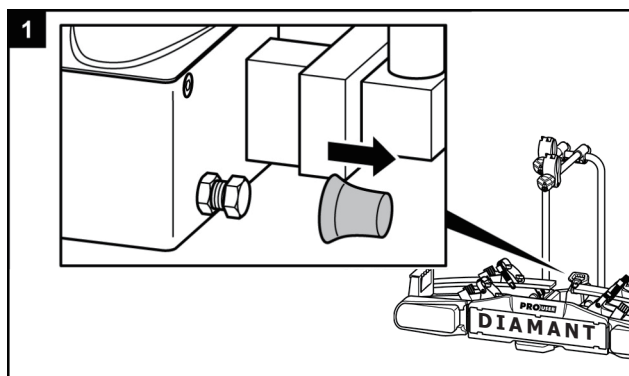
The steel parts of the bicycle carrier are protected in the works against corrosion by a powder-paint coating. If this paint coating is damaged, please have the damage rectified professionally as soon as possible.

Under normal conditions and use, the bicycle carrier only requires cleaning, and is otherwise maintenance-free.

Adjustment of the quick-fastener

Carry out this maintenance operation only if the bicycle carrier cannot be fitted firmly to the trailer coupling, as described in the chapter "Fitting".

- Remove the bicycle carrier from the trailer coupling, as described under "Dismantling".
- Remove the dust protection cap.
- Loosen the locking nut slightly, as shown in the illustration.
- Screw in the setting screw one quarter of a turn.
- Tighten the locking nut.
- Check whether the carrier is now firmly seated on the trailer coupling, as described under "Fitting". If not, repeat the above steps.



Disposal

Local regulations must be observed for the disposal of the product.

The packaging should also be sorted by type and disposed of in the relevant collection containers.

Further information is available from your communal disposal point.

Contact

Tradekar Benelux BV
Ohmweg 1
4104 BM CULEMBORG
Netherlands

Telephone: +31 (0)345 470 990
Telefax: +31 (0)345 470 991
E-mail: info@tradekar.com

Consumer helpdesk & support
Telephone: +31 (0)345-470998
(Monday till Friday 8:30-12:30)
E-mail: service@tradekar.com

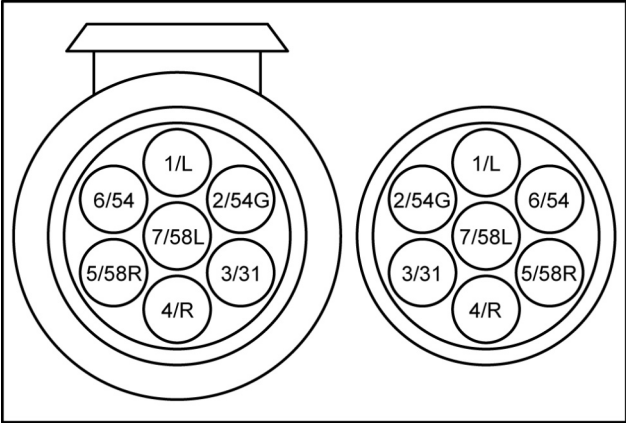
7/13 pin connector

This bike carrier is equipped with a lighting system. This system can be connected to the tow bar power socket of your car. Seeing that there are different kinds of sockets that require different kinds of plugs, this carrier comes with the usual 7-pin plug and the 13-pin plug (Jaegers). As a result, the carrier can be used with any tow bar!

Both plugs are in one housing. Please cover the plug you don't use with the supplied cover.

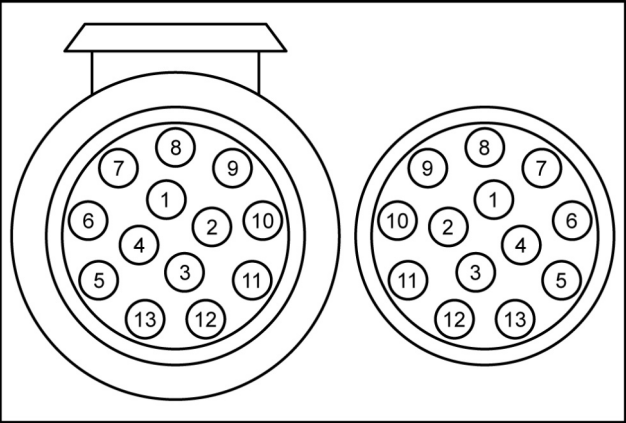
This information is only for the retrofitting by a specialised dealer. A retrofitting by nontrained persons is not permitted.

7 Pin

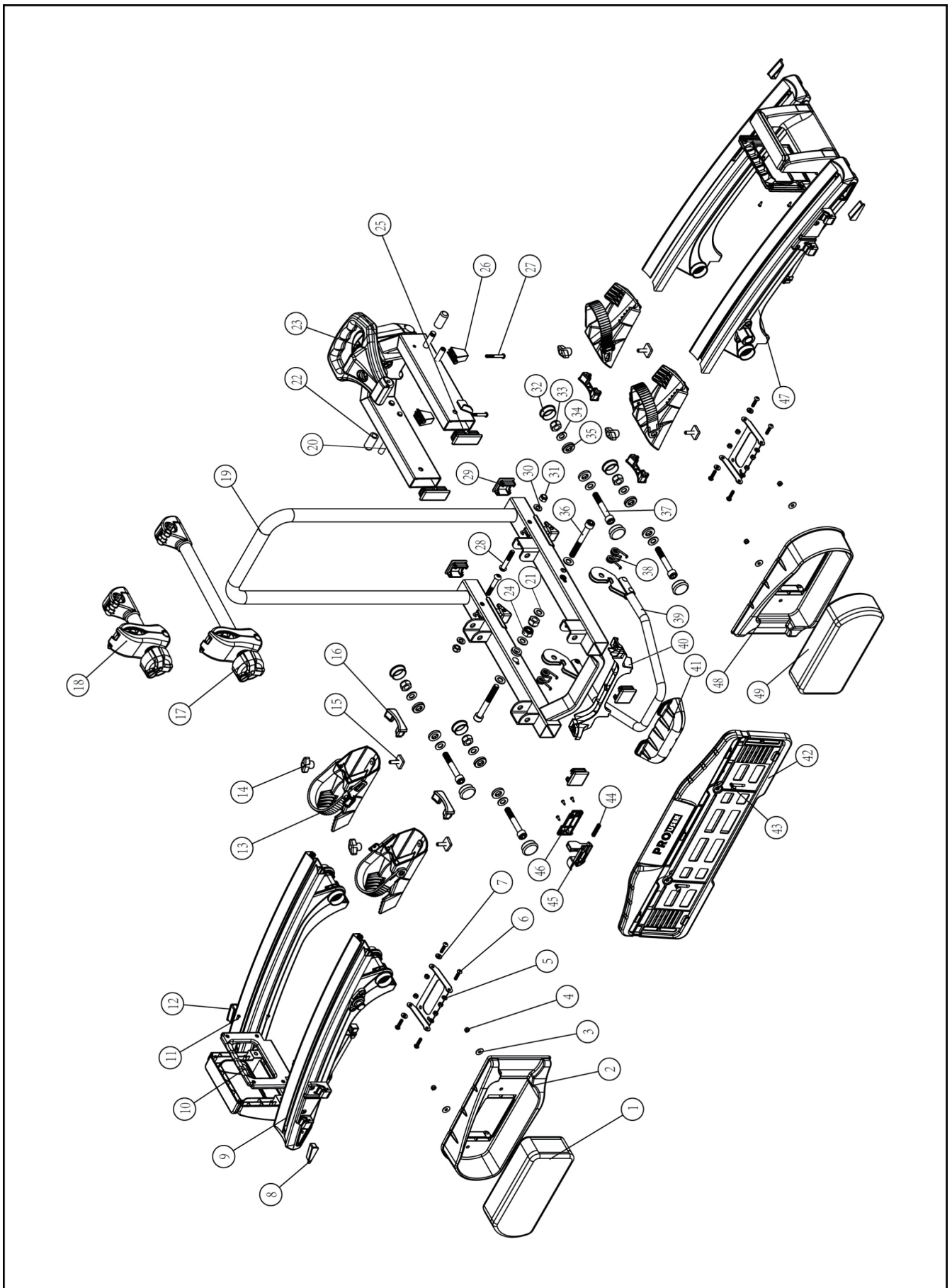


1/L	Blinker left	yellow
2/54G	Rear fog light	blue
3/31	Earth	white
4/R	Blinker right	green
5/58R	Taillight right	brown
6/54	Brake light	red
7/58L	Taillight left	black

13 Pin



1	Blinker left	yellow
2	Rear fog light	blue
3	Earth	white
4	Blinker right	green
5	Taillight right	brown
6	Brake light	red
7	Taillight left	black
8	Reserving light	grey
9	Not assigned	
10	Not assigned	
11	Not assigned	
12	Earth	
13	Not assigned	



Pos.	Quantity	Designation
1	1	Replacement glass left
2	1	Lamp guard left
3	4	Washer M5
4	4	Capped nut M5
5	2	Lamp countersink
6	1	Replacement glass right
7	4	"Screw M5 x 20 mm"
8	4	Cover cap handle bracket
9	1	Lamp locking mechanism left
10	2	Carrier handle cover
11	4	Wheel rail
12	1	Lamp locking mechanism right
13	4	Wheel blocker with tension belt
14	4	Wing nut M6
15	4	"Setting screw M6 x 20mm"
16	4	"End cap aluminium rail interior"
17	1	Lock bracket long
18	1	Lock bracket short
19	1	Carrier table bracket and U-bracket
20	2	Locking pin M10
21	2	Washer M10
22	2	Bearing pad
23	1	Base frame with quick release
24	2	"Self-locking nut M10"
25	4	"Stopper 60mm x 25mm"
26	3	Foot plastic
27	3	Screw foot M6 x 40mm
28	2	"Allen wrench M8 x 45mm"
29	4	"Stopper for no. 19, 35mm x 35mm"
30	2	Washer M8
31	2	"Self-locking nut M8"
32	8	Cover cap hinge

Pos.	Quantity	Designation
33	4	"Self-locking nut M10"
34	4	Washer M10
35	4	Inner pane M10
36	2	"Allen wrench M10 x 80mm"
37	4	"Allen wrench M10 x 80mm"
38	2	"Spring for locking no. 39"
39	1	Fold up locking mechanism
40	1	"Kick plate for locking mechanism"
41	1	"Carrier table left complete"
42	2	Registration plate lock
43	1	Registration plate bracket
44	1	Bolts
45	1	"Registration plate bracket- locking mechanism"
46	1	Holder locking mechanism
47	1	"Carrier table right complete"
48	1	Lamp guard right
49	1	Lamp complete right