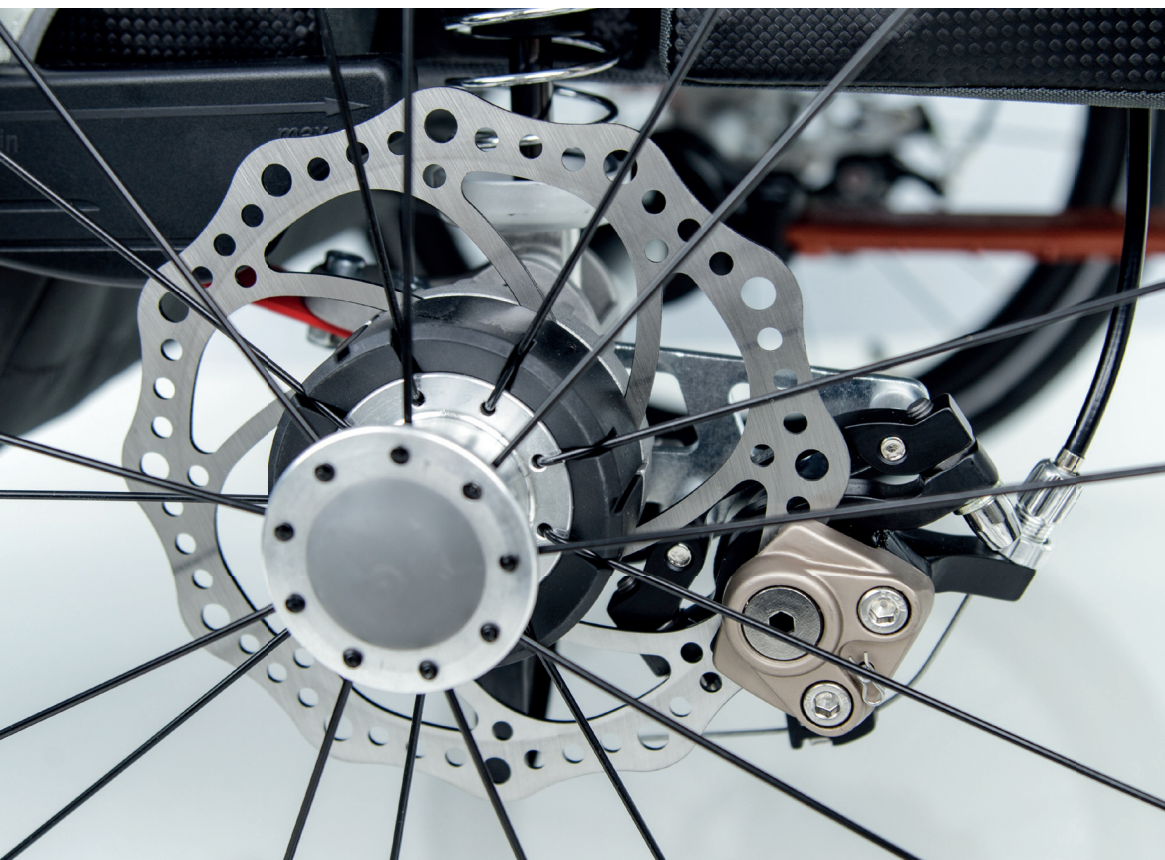


Qeridoo

Disc brake addon 2018



Product overview

Documentation



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Danger!

This manual is only valid in conjunction with the Qeridoo user manual.

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Scope of delivery



- 1 Jogger strap
- 2 Set of screws; Ferrule
- 3 Brake lever
- 4 Brake cable with branch point
- 5 Supporting feet
- 6 160 mm rotors
- 7 Velcro fasteners
- 8 Brake calipers with bracket

The disc brake can be retrofitted to the following models:

Speedkid 2018 (Q2-18)

Sportrex 2018 (Q3-18, Q6-18)

Kidgoo 2018 (Q8-18, Q9-18)

If necessary, follow the QR code to view a video on the Internet for installation and operation:



Assembly

For assembly and adjustment Allen key size 3, 4 and 5, as well as a pair of pliers are needed. Depending on the model used, an additional size 7 spanner is required.



Install rotors

- ▶ Turn the railer onto the roof to better reach the axle.
- ▶ Take off the wheels.
- ▶ Activate the parking brake function.
- ▶ Loosen the 3 wheel pins on both wheel receivers. Depending on the model, use either a size 7 spanner or a size 4 Allen key.



- ▶ Replace the black spacer plates with the rotors, observing the direction of rotation shown on the rotors.
- ▶ Turn the rotor around if the direction is wrong.
- ▶ Screw the wheel pins back in place.



Install the supporting feet

- ▶ Slide the feet onto the slide mount on the axle.



Mounting the brake calipers

The calipers are attached to the axle with the metal bracket. Pay attention to the correct alignment of the calipers. The brake cable retainer must point to the bottom of the trailer and the brake cable clamp away from it. The metal bracket points to the rear of the trailer.



Tip!

The holders for the metal brackets on the axle are cast from aluminum and can therefore have production-related burrs or residues. We therefore recommend piercing them with an Allen key prior to installation so that the screws can be inserted without hindrance.

Assembly

- ▶ Hold the caliper with the metal bracket to the mount. Make sure the two holes in the bracket are aligned with the holes in the mount.
- ▶ Use a size 4 Allen key to screw the supplied screws into the bracket and tighten them securely.



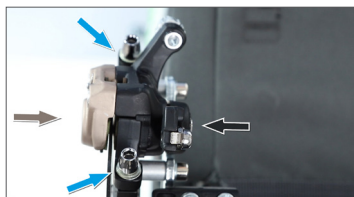
The calipers have a 2-piston brake technology, which allows both brake pads to be set individually. For the adjustment you need a size 3 and 5 Allen key. The smaller key is used on the black inside of the caliper and the larger key on the bronze outside.



Tip!

To adjust the inner brake piston, insert the Allen key into the caliper as far as it will go.

- ▶ Move the inner brake piston slightly closer to the rotor of the disc brake by turning the size 3 Allen key 1/4 turn.
- ▶ Loosen the two blue highlighted screws on the caliper with the aid of a size 5 Allen key. The caliper can now be moved laterally.



- ▶ Push the brake caliper sideways against the rotor of the disc brake so that the inner brake pad of the brake caliper rests flat.
- ▶ Tighten the two caliper screws again.
- ▶ Screw back the inner brake piston slightly so that there is a small distance to the rotor.
- ▶ Use the size 5 Allen key to bring the outer brake pad closer to the rotor. The distance should be less than one millimeter.
- ▶ Check if the rotor can rotate freely without blocking. If necessary, adjust the two brake pistons to allow the rotor to rotate freely. The distance to the brake pads should be kept as low as possible.
- ▶ Repeat the process with the second caliper.



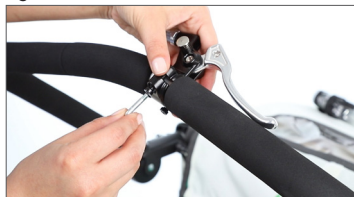
Tip!

New brake pads must first be braked in. You should allow the brake to be easily grinded up to 30 times, each over a distance of several meters. Disc brakes achieve the full braking effect only after braking in.

Mounting the brake lever

The brake lever can be mounted in two positions, either for right or left-handers.

- ▶ Push the padding of the push handle apart by about 4 cm on the desired position.
- ▶ Loosen the two screws on the brake lever clamp by using a size 4 Allen key.
- ▶ Position the brake lever onto the tube of the push handle and fix it by retightening the screws on the clamp.



Assembly

Mounting the brake cable

Brake lever

The brake cable is similar to an inverted Y and has two legs of different length. Depending on the selected position on the push handle, the brake cable is guided into the cabin on the opposite side of the lever (*Sportrex & Kidgoo*) or guided along the side of the trailer (*Speedkid*).

- ▶ Align the silver adjustment screws so that the side notches form a straight line.
- ▶ Insert the barrel-shaped end of the brake cable into the socket on the brake lever and insert the brake cable sleeve into the socket of the adjusting screw.
- ▶ Turn the adjusting screw half a turn to prevent the brake cable from falling out.
- ▶ Use the Velcro straps to fix the brake cable along the push handle.



Brake cable branch point

- ▶ Slide the two brake sleeves over the brake cables. Make sure that the shorter sleeve caps are facing upwards.
- ▶ Insert the end caps of the brake cables into the socket on the underside of the brake cable branch point.
- ▶ Feed the brake cable ends through the openings in the cabin floor (*Sportrex and Kidgoo*) or guide them to the side of the brake calipers (*Speedkid*).



Brake caliper

- ▶ Use a size 5 Allen key to slightly loosen the screw on the brake cable clamp.
- ▶ Pass the end of the brake cable through the brake cable retainer so that the end cap of the sleeve is firmly seated in the socket. Make sure that the entire brake cable is firmly seated in the respective sockets and that it is sufficiently tensioned.
- ▶ Pass the exposed brake cable end through the brake cable clamp and pull on the brake cable to build up some tension.
- ▶ Pull the arm of the brake cable clamp about one cm towards the brake cable retainer and retighten the screw at the end of the clamp.



Assembly and utilisation

- ▶ Place the ferrule on the end of the brake cable and press the sleeve firmly together using a pair of pliers.
- ▶ Repeat the process on the second caliper.
- ▶ Put the wheels back on and test the braking effect of the disc brake.



Apply the jogger strap

Always use the jogger strap for higher running speeds or inline skating.



Caution!

When jogging or inline skating, the multiwheel must be operated in walker mode (fixed) or the optional jogger set must be used.

- ▶ Put on the waist belt and tighten it firmly.
- ▶ Attach one end of the jogger strap to the D-ring of the waist belt.
- ▶ Attach the other end to the rear of your Qeridoo.



Tip!

The red button additionally locks the buckle and prevents inadvertent opening of the waist belt.

Sportrex and Kidgoo

The *Sportrex* and *Kidgoo* have an additional D-ring at the rear of the trailer which is used to attach the jogger strap.

- ▶ Pull out the D-ring under the carbon fabric and hook the carabiner to the D-ring.



Speedkid

- ▶ Wrap the end of the jogger strap around the axle of the *Speedkid* and hook the carabiner onto the jogger strap.



Adjusting the braking effect

- ▶ Betätigen Sie den Bremshebel um zu überprüfen, ob beide Seiten der Scheibenbremse gleich stark bremsen.
- ▶ Try to push the trailer forward when using the brake.
 - The trailer can be pushed forward: both brakes must be adjusted stronger.
 - The trailer breaks out to one side: the corresponding side needs to be set stronger.
 - The brake is set correctly when both wheels block completely.

Readjusting the brake cable

The braking force of the calipers can be adjusted by changing the tensioning force of the brake cable.

- ▶ Check the firm seat of the end caps of the brake cable in the sockets on the brake lever, on the branch point and on the brake cable retainers of the calipers.
- ▶ The tension of the brake cable can be set by adjusting the screws on the brake lever and the brake cable retainer. Turn the adjusting screw slightly outwards and lock with the nut to gain a greater distance and thereby increasing the tension.



Danger!

Make sure that the lateral cuts for inserting the brake cable are not aligned after adjustment.

Readjusting the brake calipers

By adjusting the distance of the brake pads to the rotors, the braking force can be changed. How to adjust the brake pads can be found in the section „**Mounting the brake calipers**“ on page 3.

Support information

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