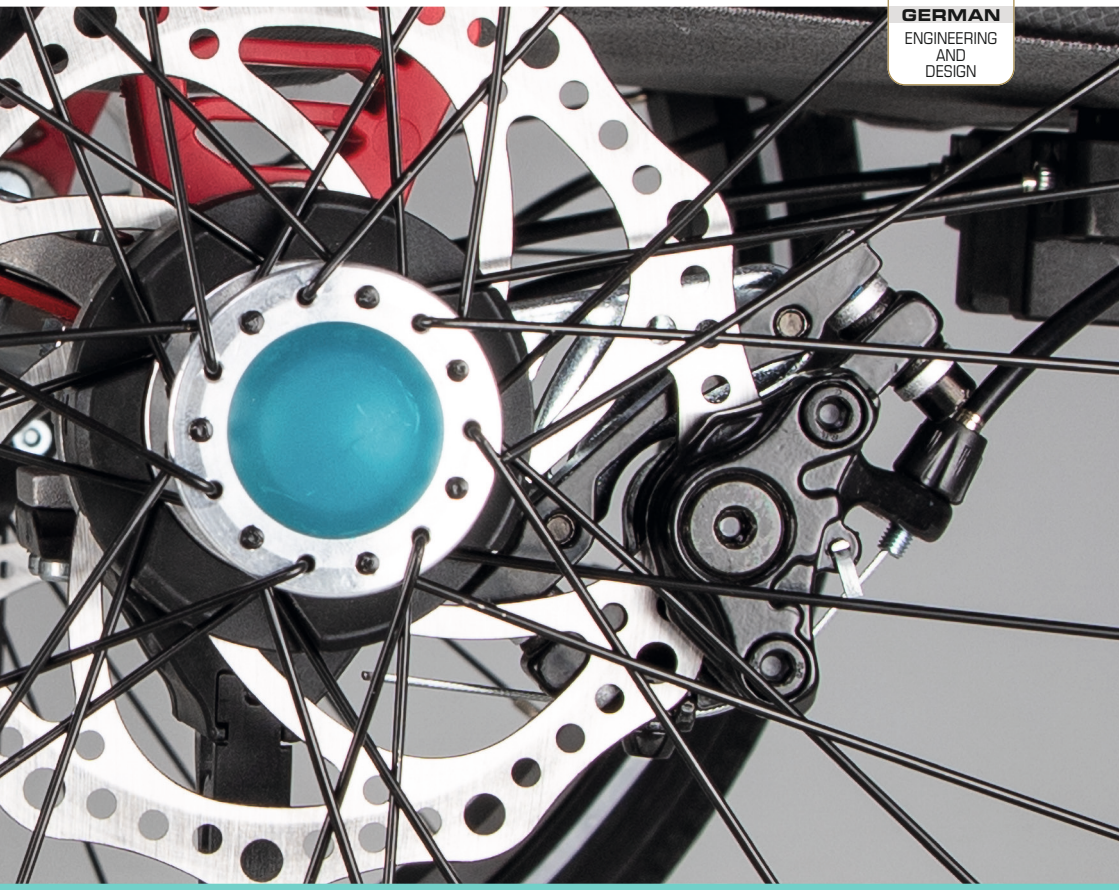
USER MANUAL

EN

Qeridoo

Disc brake addon 2020

GERMAN ENGINEERING AND DESIGN



VIDEO TUTORIAL

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Product overview

Caution!

The statements in this documentation are not to be interpreted as an assurance of particular product properties. Despite the greatest care being taken to avoid technical inaccuracies or omissions, the possibility of these arising cannot be entirely excluded. When necessary, individual items of information can be changed quickly and without special notification.

This documentation can be ordered from Qeridoo GmbH in other languages or, if already available, can be downloaded from our website. Please visit us at: **www.qeridoo.de**

Danger!

These operating instructions are only valid in conjunction with the Qeridoo user manual.

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Scope of delivery



01 Jogger band
02 Screw set & Pinch nipple
03 Brake lever
04 Brake cable with distributor
05 Feet (2x) 2020
06 160 mm rotors (2x)
07 Velcro straps (2x)
08 Brake calipers with mounting bracket
09 Allen key size 5
09 Feet (2x) 2018 - 2019

Compatibility

The disc brake can be retrofitted to the following models:

Speedkid1	2020	Speedkid2	2018-2020
Sportrex1	2018-2020	Sportrex2	2018-2020
Kidgoo1	2018-2020	Kidgoo2	2018-2020

If necessary, follow the QR code opposite to find to call up a video on installation and operation:

VIDEO TUTORIAL

Assembly

For assembly and adjustment, the hexagon socket of size 4 and 5, as well as a pair of pliers. Depending on the model used, an additional open-jaw wrench key of size 7 is required.



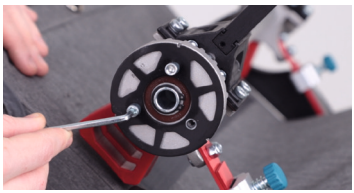
Mount the stand feet

- Turn the pushchair onto the roof to make it easier to reach the axle.
- Remove the wheels.
- Activate the parking brake function.
- Slide the feet as shown in the illustration onto the sliding holder on the axle.



Mounting the rotors

- Loosen the 3 wheel pins on both wheel mounts. Use either a size 7 open-ended wrench or a size 4 Allen key, depending on the model.



Attention!

The rotors are marked with arrows. These indicate the running direction of the disc brake. During installation, make sure that the arrow points in the direction of rotation of the corresponding wheel.

- Replace the black distance plates with the rotors.
- Tighten the wheel pins again.





Tip!

The largest possible distance between the brake pads makes it easier to adjust the disc brake. Use the size 5 Allen key to adjust the position of the outer brake pad. However, the adjusting screw should not be unscrewed more than 2 mm.

Mounting brake calipers

The brake calipers are attached to the axle with the metal bracket. Make sure that the brake calipers are correctly aligned. (Left brake caliper is marked with an "L") The brake cable socket must face the floor of the cabin and the brake cable clamp must face away from it. The metal bracket points to the rear of the cabin.



Tip!

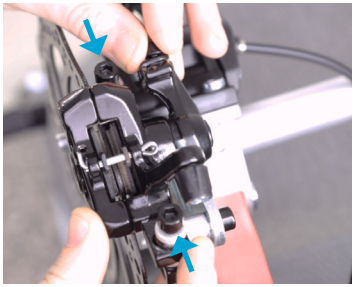
The holders for the metal bracket on the axle are cast in aluminium and may therefore have production-related casting burrs or residues. We therefore recommend piercing them with an Allen key before assembly to ensure that the screws can be inserted without hindrance.

- The aluminium brackets to which both the dampers and the brake modules are attached have two holes each. These are aligned parallel to the axis. On the metal bracket of the brake caliper you will find the corresponding holes.
- Slide the brake calliper onto the rotor and hold its metal bracket against the holder, making sure that the two holes in the bracket are aligned with the holes in the holder.
- Use a size 4 Allen wrench to screw the supplied screws, each with a washer, into the bracket and tighten them firmly.



The brake caliper must be positioned so that the rotor is centered between the two brake pads, thus ensuring smooth running.

- Loosen the two blue marked screws on the brake calliper using an Allen key size 5. The brake calliper can now be moved sideways.
- Align the brake caliper centrally to the rotor.
- Tighten the two screws of the brake caliper again.
- Release the parking brake and check whether the rotor can rotate freely without grinding or jamming. If necessary, reposition the seat of the brake caliper.
- Repeat the procedure with the second brake caliper.



Tip!

Take enough time to adjust the brake calipers without friction. This not only reduces noise when riding, but also increases the service life of the brake pads.

Attention!

New brake pads must first be braked in, in order to achieve their full braking effect.

Fitting the brake lever



- Slide the padding of the push handle apart.
- Use an Allen key to loosen the Size 5 the screw on the clamp of the brake lever.
- Position the brake lever on the push handle tube so that the brake lever points to the right and fix it by retightening the screw on the clamp.

Installing the brake cable

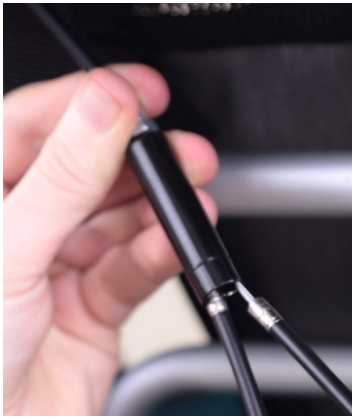
Brake lever

The brake cable is similar to a Y and has two legs of different length leading to the brake calipers. The brake cable is led along the side opposite the lever, either inside the cabin (Sportrex & Kidgoo) or on the outside of the cabin (Speedkid).



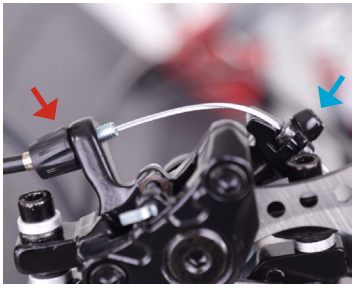
- Align the silver adjustment screws so that the lateral incisions form a straight line.
- Insert the barrel-shaped end of the brake cable into the socket on the brake lever.
- Lay the brake cable through the cuts in the brake lever.
- Insert the sleeve of the brake cable into the socket of the adjusting screw.
- Turn the adjusting screw to the middle position to ensure the largest possible adjustment range.
- Turn the silver lock nut on the Brake lever tight.
- Use the enclosed black Velcro strips to fix the brake cable along the push handle.

Brake cable distributor



- If the brake cables are not covered with the black brake cable sleeves, push them over the brake cables. Make sure that the shorter silver sleeve caps attached to the ends of the brake cable sleeves point towards the brake cable distributor.
- Insert the silver sleeve caps of the brake cables into the socket at the bottom of the brake cable distributor.
- Lead the brake cable ends into the trunk and through the openings in the cabin floor (Kidgoo & Sportrex) or along the side of the cabin to the brake calipers (Speedkid). The short end is placed on the left in the direction of travel and the long end on the right.
- Use the included cable ties to fix the brake cable.

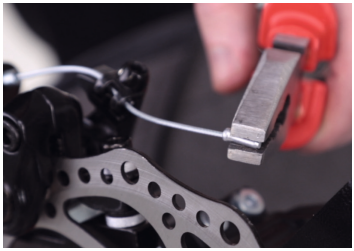
Brake Caliper



- Use a size 5 Allen key to loosen the screw on the brake cable clamp (blue arrow) slightly.
- Pass the end of the brake cable through the brake cable socket (red arrow) so that the silver end sleeve cap of the brake cable is fully seated in the socket. Make sure that the entire brake cable is firmly seated in the respective sockets on the brake cable distributor and the brake lever.
- Then pass the exposed end of the brake cable through the brake cable clamp which is located below the screw at the blue arrow and pull the loose end of the brake cable to build up tension.



- Push the arm of the brake cable clamp slightly in the direction of the brake cable holder and retighten the screw at the end of the clamp.
- Check whether the brake cable is tightly stretched between the brake cable clamp and the brake cable holder (green arrow).



- Place the silver squeeze nipple on the end of the brake cable and press the nipple firmly together with pliers.
- Repeat the procedure on the second brake caliper.
- Reattach the wheels and test the braking effect of the disc brake.

Check the braking effect

» Use the brake lever to check whether both sides of the disc brake apply the same braking force.
» Try to push the carrier forward with the brakes applied.
  – The carrier can be pushed forward: Both brakes need to be set more.
  – The carrier breaks away to one side: The opposite side has to be adjusted more.
  – The brake is correctly adjusted when both wheels lock completely.

Adjusting the braking effect

To adjust the braking effect you need 3 steps.

1. Adjusting the brake calliper

» Turn both wheels and apply the brake
» Both wheels must come to a simultaneous and abrupt stop
If this is not the case, adjust the brake calipers as follows:
  – Unscrew the black knurled screw on the brake caliper to increase the braking force.
  – In addition, the outer brake lining can be readjusted using the size 5 Allen key.
» Turn both wheels again and apply the brake to check whether both wheels come to a simultaneous and abrupt stop.
» Now only readjust the brake caliper whose wheel will later come to a standstill
  – Repeat this procedure until both wheels come to an abrupt and simultaneous stop when the brake is applied.

2. Smooth running of the rotors

Attention!

Adjusting the brake caliper can cause the brakes to drag. If this is the case, recenter the brake calipers over the rotors again as described in chapter **„Mounting brake calipers“ on page 5**.

3. Adjusting the braking force on the brake lever (pressure point)

» On the brake lever, the silver adjusting screw can be used to adjust the pressure required to grip the brakes.
  – Turn the screw to adjust this pressure individually to you need.

Danger!

Make sure that the lateral incisions for inserting the brake cable are no longer in line after the adjustment is done.

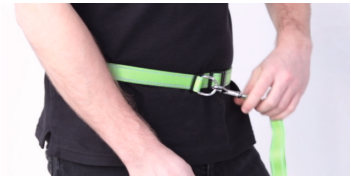
Put on the jogger band

Always use the enclosed green jogger band for higher running speeds or inline skating.

Danger!

When jogging or inline skating, the Multiwheel must be set to walker mode (locked) or the optional jogger set must be used.

- Put on the abdominal belt and tighten it firmly.
- Attach one end of the jogger strap to the silver D-ring on the abdominal belt.
- Attach the other end to the rear of the Qeridoo (see below).



Tip!

The red sliding button additionally locks the belt buckle and prevents unintentional opening of the abdominal belt.

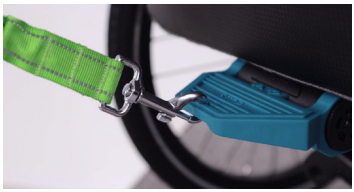
Sportrex and Kidgoo

- Pull the D-ring out of the slot at the lower stern and hook the carabiner onto the D-ring.



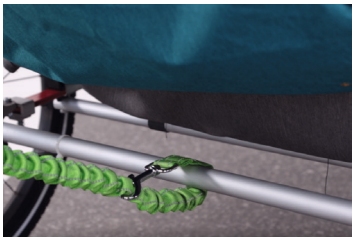
Kidgoo (ab 2020)

- Hook the carabiner into the hole on the parking brake pedal.



Speedkid

- Wrap the end of the jogger strap around the axis of the Speedkid and hook the carabiner onto the jogger strap.



Support Information

Please contact us directly if you have any questions about our products:

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Notes

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