

# Installation Guide

## Congratulations on your Lauf Trail Racer!

We understand you are in a hurry to go riding a.s.a.p. - but please take a deep breath and read this installation guide first.

If you don't have the skills or tools to install the fork by yourself, we suggest you visit a qualified bike mechanic for installation. It might save you both time and trouble.

Before installing the Lauf Trail Racer please ensure that you have all the recommended tools for the job:

- Hacksaw with carbon cutting saw blade
- Headset tools
- 4mm hex key w/torque wrench (allen wrench)
- 5mm hex key w/torque wrench (allen wrench)
- Steerer tube cutting guide
- 100-200 grit sandpaper
- Masking tape
- Carbon Assembly Compound
- Screwdriver or marker

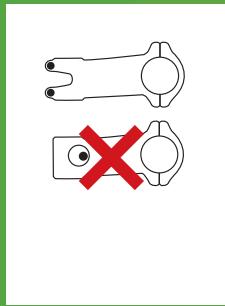


### In the box for installation

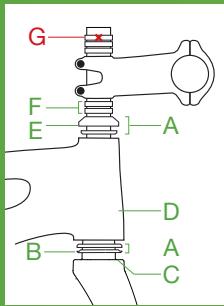


## Fork and Frame Assembly Guide

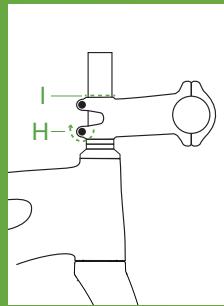
Relax, brew a cup of your favourite tea, and read through these short instructions.



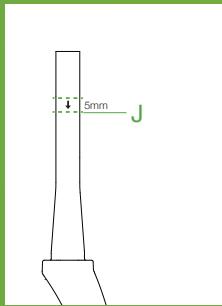
Step 1



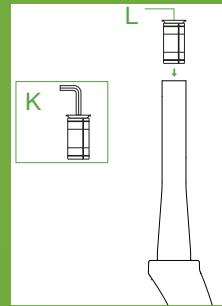
Step 2



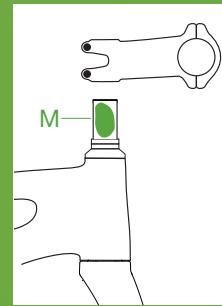
Step 3



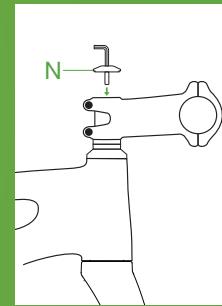
Step 4



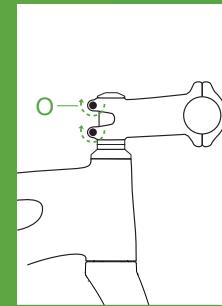
Step 5



Step 6



Step 7



Step 8

Make sure you do not have a wedge or pinch clamp stem.

Make sure there is no grease or oil on the fork's steerer. This will prevent a reliable clamping of the stem.

Install the headset (A) as per the manufacturer instructions.

Put the crown race (B) on the fork's race seat (C). Then slide the fork into the headtube (D) and add compression ring (E) and spacers (F), before sliding on the stem, to achieve the desired bike fit.

Do not add more than 20mm of spacers above the stem (G).

Make sure all headset parts, spacers and stem are tight. Lightly tighten one bolt on the stem (H) to keep the assembly in place.

Mark the steerer with a marker or screwdriver, right above the stem (I).

Retract the fork from the headtube and mark a new line (J) 5mm below the previously made mark (I in step 3) and wrap the steerer with masking tape. Cut the steerer with a hacksaw with a carbon cutting saw blade using a steerer tube cutting guide. Sand the edges with 100-200 grit sandpaper.

Loosen the inner hexbolt on the expander plug with a 4mm hex/allen wrench (K).

Drop the expander plug into the steerer and tighten with a 4mm hex/allen torque wrench to 5Nm (L).

Slide the fork into the headtube again and apply carbon assembly compound onto the steerer above the spacers (M).

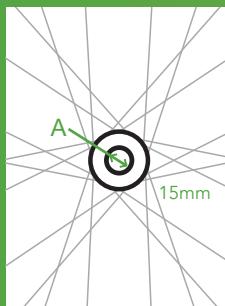
Slide the stem onto the steerer.

Mount the top cap (N) with a 5mm hex/allen wrench and tighten according to the expander plug manufacturer instructions, until the assembly is snug.

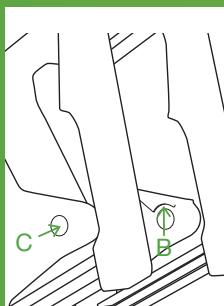
Tighten the bolts on the stem (O) according to the stem manufacturer instructions.

## Fork and Wheel Assembly Guide

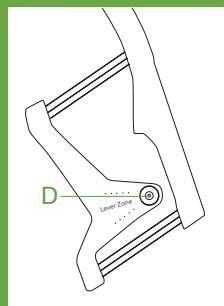
Almost done! Finish up your brew and tighten the last screws.



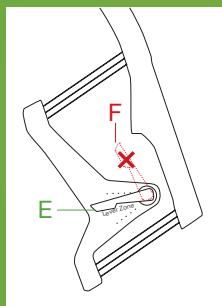
Step 1



Step 2



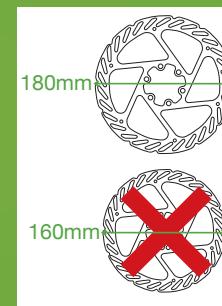
Step 3



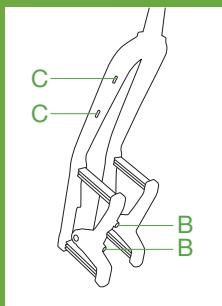
Step 4

## Fork and Brake Assembly Guide

Assembly Guide



Step 1



Step 2

Make sure you have a 15mm front hub (A).

Lubricate the thru axle before installing it into the fork and hub.

Place the wheel into the fork hub guides (B) and install the 15mm thru-axle through the hub mounts on the fork (C).

Tighten the axle with a 5mm hex/allen key with torque wrench to 12Nm (D).

It is highly important to tighten the through axle properly to achieve good lateral rigidity of the fork.

If you are using a 15mm thru-axle with a quick release make sure the lever (E) is placed in the zone marked "Lever Zone" on the fork. Make sure you tighten the lever according to the manufacturer's instructions.

Do not place the lever upwards (F).

Make sure you have a 180mm disc brake rotor, or bigger on your front wheel.

The post-mount is made for direct mounting of 180mm rotor size.

Install the brake, according to the manufacturer's instructions, on the brake mounts (B).

Note that the threads, for the brake caliper, are 14mm deep.

Clip the brakehose into the brakehose mounts (C) using the c-clips, provided in the accessories bag.

**Note:** If the brake hose routing is likely to rub against the frame of your bike you might want to look into shortening your brake hose, by following the manufacturer's instructions. In most cases, re-routing of the brake hose is sufficient.