



LAUF GRIT
INSTALLATION GUIDE

Congratulations on your LAUF GRIT!

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.

In the box for installation:

1. Your brand new Lauf Grit.
2. A 15mm or 12mm Lauf thru axle depending on which model you bought).
3. Crown race for a headset with 1 1/2" lower cup.
4. Expander plug.
5. Zip-ties.

Before installing the Lauf Grit 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

You might also need additional components depending on how your bike is.

Does your bike have a headset with 1 1/4" lower cup? Then you might need a 1 1/4" crown race. Links to a couple below:

- Cane Creek
- Chris King

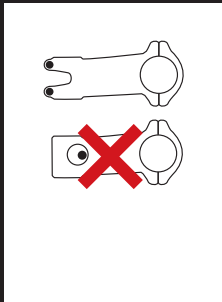
Does your bike have post-mount brakes? Then you need an adaptor to use it. You need a flat mount to post mount 140mm front adaptor if you have 160mm rotor and 160mm front if you have a 180mm rotor. Links to a couple below:

- TRP
- Shimano

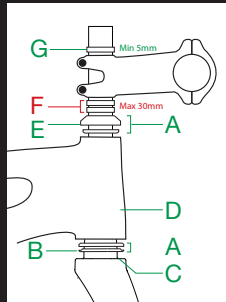
Fork and Frame

Assembly Guide

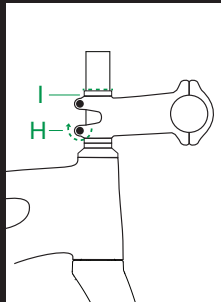
Relax, brew a cup of your favourite tea, and read through these short instructions.



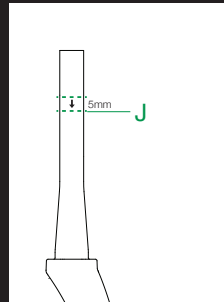
Step 1



Step 2



Step 3



Step 4

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.

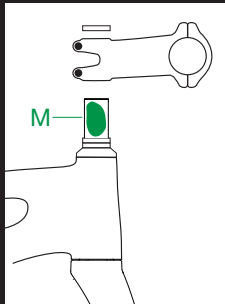
Add minimum 5mm of spacers above the stem to ensure even clamping force on the steerer tube (G).

Do not add more than 30mm of spacers below the stem (F).

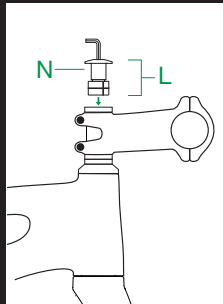
Make sure all headset parts, spacers and stem are tight. Lightly tighten one bolt on the stem (H) to keep the assembly in place.

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

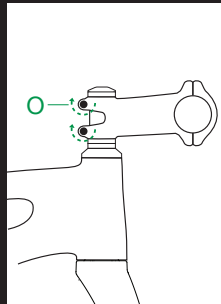
Retract the fork from the headtube and mark a new line (J) 5mm below the previously made mark (I in step 3) and wrap the steerer with masking tape. Cut the steerer with a hacksaw with a carbon cutting saw blade using a steerer tube cutting guide. Sand the edges with 100-200 grit sandpaper.



Step 5



Step 6



Step 7

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.

Slide the remaining spacers onto the steerer.

Loosen the inner hexbolt on the expander plug with a 5mm hex/allen wrench.

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

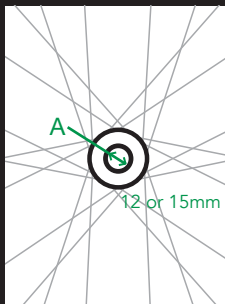
Tighten the top cap (N) with a 6mm hex/allen wrench and tighten according to the expander plug manufacturer instructions, until the assembly is snug.

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

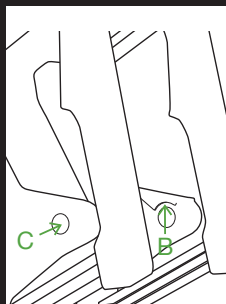
Fork and Wheel

Assembly Guide

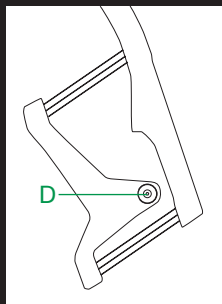
Almost done! Finish up your brew and tighten the last screws.



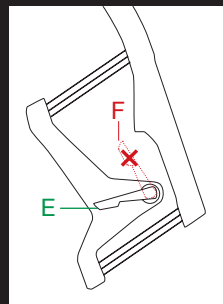
Step 1



Step 2



Step 3



Step 4

Make sure you have a 12mm or 15mm front hub (A). The Lauf Grit does not fit 9mm quick release hubs.

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

Place the wheel into the fork hub guides (B) and install the 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).

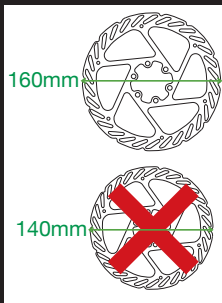
It is highly important to tighten the through axle properly to achieve good lateral rigidity of the fork.

If you are using a 15mm thru-axle with a quick release make sure the lever (E) is pointing backwards and is placed approximately perpendicular to the forks legs. Make sure you tighten the lever according to the manufacturer's instructions.

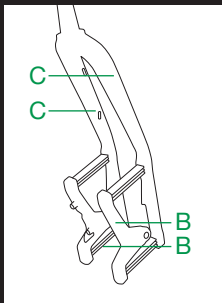
Do not place the lever upwards (F) as it may damage the springs when the fork is in use.

Fork and Brake

Assembly Guide



Step 1



Step 2

Make sure you have a 160mm disc brake rotor, or bigger on your front wheel.

The Lauf Grit has flat-mounts. If you have a post-mount brake you need an adaptor to use it. TRP offers this one: ***“Flat Mount to Post Mount Adapter Front 140mm”*** Shimano offers this one: ***“SM-MA-F140P/D”***

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

Note that the threads, for the brake caliper, are 11mm deep.

Clip the brakehose into the brakehose mounts (C) using the zip-ties, provided in the box.

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.

Just Ride!

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