RenéHERSE ®
CYCLES

UD-1 / UD-2 RACK
INSTALLATION

- Version 2021_01_04

Materials needed

All racks:

1 Wrench 10 mm for fork crown nut and stay adjustments

UD-2 only:

2 Wrench 8 mm for brake bolt nuts

UD-1 only:

3 Marker

4 Allen wrench (usually 4 mm) for screws that attach stays to fork

5 Clamp or vise for holding stays

6 Hacksaw for cutting stays

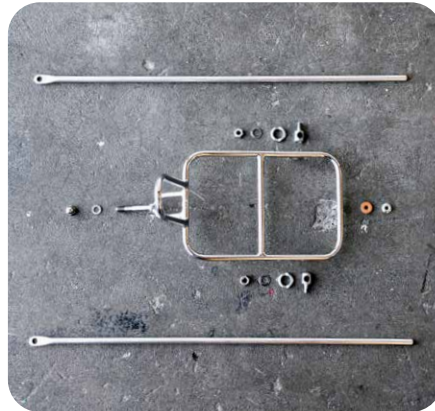7 File for smoothing stays after cutting

1. Check compatibility

Requirements: All racks: Fork crown with a hole all the way through. UD-1: eyelets somewhere on the fork. UD-2: cantilever brakes that end flush with the posts.

2. Check the parts

The stays attach to the platform with eyebolts. Their length is adjustable to fit different bikes. (UD-1 shown)

3. Install the platform

Install the rack platform. If the fork crown is too deep, you can use a recessed brake nut in many cases (see last page).

4. Level the platform

Check the vertical alignment of the platform. You can bend the rack carefully to adjust its angle.

Pull or push the rack until the platform is level. For bikes with fenders, you may prioritize a good fenderline over a level rack (see last page).

Level the rack from side to side as well. A ruler helps, because it exaggerates the angle of the rack.

5. Install the stays

The stays go on the inside of the UD racks; this looks more elegant. On very wide forks, you can reverse the eyebolts to put the stays on the outside.
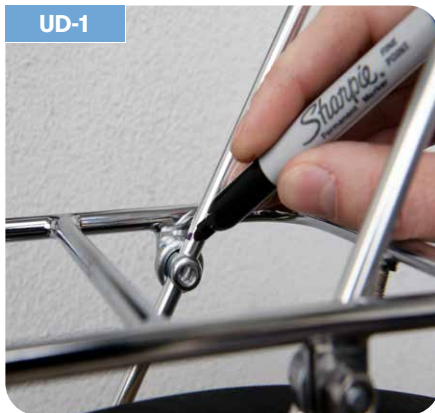
UD-2

The UD-2 stays attach to the brake pivots with Rene Herse rack bolts (included). The stays come in two lengths (150 and 170 mm) to fit a wide range of bikes.

6. Mark the stays

Check your alignment before you tighten the stays. Double-check it after the bolts are tight. On the UD-1, you don't want to cut the stays to the wrong length!

6. Mark the stays

UD-1

Mark the length of the stays. The stays should protrude a little beyond the eyebolts for future adjustability, but they should not extend above the platform.

7. Cut the stays

UD-1

Remove the stays and cut them to the correct length with a hacksaw. The stay needs to be held firmly for a clean cut.

8. File the stay ends

UD-1

If you don't have a vise to hold the stays, clamp them to a stable surface instead. Finish the ends of the stays with a file.

9. Reinstall the stays

UD-1

Reinstall the stays. Make sure all the bolts are tight.

The rack stays should protrude slightly from the eyebolts, but not extend above the rack platform.

10. Finished!

Attach a handlebar bag and go for a ride! Check the bolts after a few rides, as the rack's components can settle a bit.

Rene Herse UD rack installation

Installing a rack with fenders

The fenderline (distance between fender and tire) is more important for aesthetics and function than a level rack. On the bike on the right, the unicrown fork places the fork crown hole very high, so the rack slopes downward slightly. This doesn't affect the function of the rack, since gravity rotates the handlebar bag around the handlebars and pushes it against the rack's backstop.

Installation Tips

- The UD-1 can also be used on bikes with cantilever brakes if the UD-2 doesn't fit.
- The UD-1 rack is available with extra-long stays that reach all the way to the dropouts. If you don't have mid-fork eyelets, you can use dropout eyelets to mount the rack (left photo).
- Don't use clamps to attach anything to the fork blades. The fork blades taper, and the clamps will slide downward and lose their grip.
- If your fork crown is too deep, you can use a recessed nut from a modern brake (below; available from Rene Herse Cycles).
- You can use the threaded boss at the front of the rack to stabilize your fender. This reduces fender noise and prevents the fender from wobbling and touching the tire. Use a leather washer between rack and fender to prevent vibrations from loosening the fender.

Above left: If your bike does not have mid-fork eyelets, you can attach the rack to eyelets on the dropouts.

Bottom left: For bikes with oversize fork crowns, recessed bolts (small photo) are useful to attach the rack.

Rene Herse UD rack installation