

## Trickstuff Trixer

The *Trixer* is a hydraulic distributor for hydraulic bicycle brakes. It is installed between the stem and the headset like a spacer. The Trixer is not designed for any other use.

### ATTENTION

The Trixer is available for both usual hydraulic fluids: DOT(3/4(5.1) and mineral oil. The Trixer has to be assembled with the respective seals for either of the different kinds of hydraulic fluid. The used hydraulic fluid is depending on the brake. Using a wrong combination (Oil Trixer with DOT fluid / DOT Trixer with Oil) will cause the seals to swell up and lead to complete failure of the Trixer.

Turning the Trixer when not installed or filled with fluid will be hard and almost impossible, as filling the Trixer with oil and turning it a few times is necessary to achieve optimal performance.

The height of the Trixer is 24,3mm. Make sure that the fork shaft is long enough to accommodate the extra height under the stem.

Maximum headset dimensions:

Headset Standard	EC 34	ZS44 ZS42	IS, all others
Trixer retaining plate	1 1/8 classic	1 1/8 semi-integrated	1 1/8 integrated
∅ upper headset cup	55 mm	55 mm	-
Upper headset height min	12 mm	1 mm	4 mm
Upper headset height max	20 mm	10 mm	13 mm

*EC = „External Cup“, ZS = „Zero Stack“, IS = „Internal Stack“. The numbers after this describe the inner diameter of the bearing seat / headset cup seat in the frame in mm..*

The bite point of the brake will become a little bit softer and the the lever path may become longer when using the Trixer.

Installation of the Trixer may only be done in a professional workshop or by a specifically trained person. For technical questions contact your workshop or Trickstuff.

A spinning hydraulic system can never be sealed 100%. Minimal leakage is necessary for lubrication, it is therefore possible that the Trixer might become damp. This is no deficiency.

The mandatory service interval for the Trixer is at least one full service per year. High intensity/frequency use may shorten this interval. A full service requires a swap of the seals. Which may only be done by a professional workshop or by Trickstuff.

The user is obligated to check the Trixer and brake for leaks and functionality.

ATTENTION: Don't loosen the grub screw marked (arrow) in the following picture! It is a glued in seal for a bore which is necessary during production. Undoing this bolt will render the Trixer useless. The Trixer will have to be sent to Trickstuff to be repaired.



## Installation Guide Trixer

Follow the steps 1.a) to 3.a) for headset standards EC and ZS. For headset standard IS follow the steps 1.b) to 3.b).

The steps following 3.a) /3.b) are independent of the headset standard and are identical.

### Headset standard EC/ ZS

#### 1.a)

Take out the upper headset cup.



#### 2.a)

Put the retaining plate onto the head tube. The „fingers“ of the plate have to point upwards and it is recommended to let them face to the side opposing the brake lever on the handlebar.

#### 3.a)

Press in the headset cup. Make sure that the retaining plate stays in the desired position.  
Install the rest of the headset.



## Headset standard IS

1.b)

(If necessary) Remove the stem.

2.b)

(If necessary) Recut the M4 threads in the holes in the head tube.



3.b)

Mount the retaining plate using M4x6 bolts.



The following steps are independent of the headset standard.

4)  
Push the Trixer onto the fork shaft and put the lower port (on the orange ring) between the fingers of the retaining plate.

**ATTENTION:** There must be a gap between the port of the Trixer and the retaining plate on all sides. This allows the Trixer to center itself and work freely. The Trixer must move within the fingers of the retaining plate when the bar is turned so it doesn't jam.



5)  
Put the stem on the fork shaft. Adjust the handlebar. Adjust the headset by tightening the Topcap. Tighten the Stem.



6)

Turn bars to the middle and adjust the upper part of the Trixer above the lower port like in the picture above. Tighten the grub screw on the Trixer with a 2mm Allen Key to lock the upper part of the Trixer to the fork shaft.



7)

Add a connector to the brake hose that is coming from the brake caliper and bolt it to the lower port on the Trixer. Connect the brake hose that is coming from the brake lever to the upper port of the Trixer the same way. Detailed instructions for the Trixer Connection Kit can be found [here](#).

**ATTENTION:** Don't reuse the seals of the connector. Replace the seals when the connector is taken of the Trixer.



8)

Turn the handlebar 180° so that the Trixers ports oppose one another. Bleed the system following the brake manufacturers instructions.



9)

After the bleed process the Trixer has to be tested. Pull the lever about halfway through it's stroke and turn the handlebar in both directions to check if it turns freely. Check if you brake is bled properly, free of air and if it has a firm bite point.

10)

If the brake does still contain air, repeat steps 8) and 9). It is also possible and might be easier to take the brake and the Trixer of the bike and to bleed the assembled system on the workbench.

That's it.

Have fun Trixing.

Your Trickstuff Team