



Owner's Manual for Reverse Reachset

Applicable to the following models

- Reachset 49 (top ZS49/28.6 | bottom ZS49/30)
- Reachset- 56 (top ZS49/28.6 | bottom ZS56/30)

Dear customer,

Thank you very much for purchasing a high-performance headset by REVERSE Components. You have decided for a high quality tuningpart making it possible to alternate your frame's reach by plus / minus 6 mm.

Your reachset is intended for the use in downhill / freeridebikes and must not be used in other disciplines due to possible higher loads which might lead to component failure resulting in serious injury or even death.

Installation of your reachset requires special tools: These are also needed for the installation of a normal headset – however, your reachset needs to be assembled by a qualified mechanic.

Intended Discipline:

The reachset is designed for downhill-, freeride- and enduro-application.

Compatibility

The reachsets are available only for forks with 1 1/8" steerer tubes (diameter 30 mm at bottom and 28.6 mm on top). The headtube of your frame needs to possess an inner diameter of 49 mm (top) and 56 mm (bottom) OR 49 mm on top and on bottom. In case there is no reachset available for your headtube-standard, do not attempt to change the head tube diameter on your existing frame.

General

The reachset is designed to alternate your reach (=length of your mainframe) and cannot be used to change your head angle. DO NOT ATTEMPT TO CHANGE THE HEADANGLE BY YOUR REACHSET.

Dimensions Reachset 56:

- Stack height 19 mm (3 mm bottom, 16 mm top)
- On top cup, the Internal pressfit height is 8 mm, height of loose fit as insertion aid is 10 mm
- On bottom cup, the internal pressfit height is 7 mm and the height of loose fit as insertion aid is 10 mm

Dimensions Reachset 49:

- Stack height 28 mm (12 mm on top, 16 mm on bottom)
- On top cup, the Internal pressfit height is 8 mm, height of loose fit as insertion aid is 10 mm
- On bottom cup, the internal pressfit height is 6 mm, and the height of the loose fit as insertion aid is 10 mm.

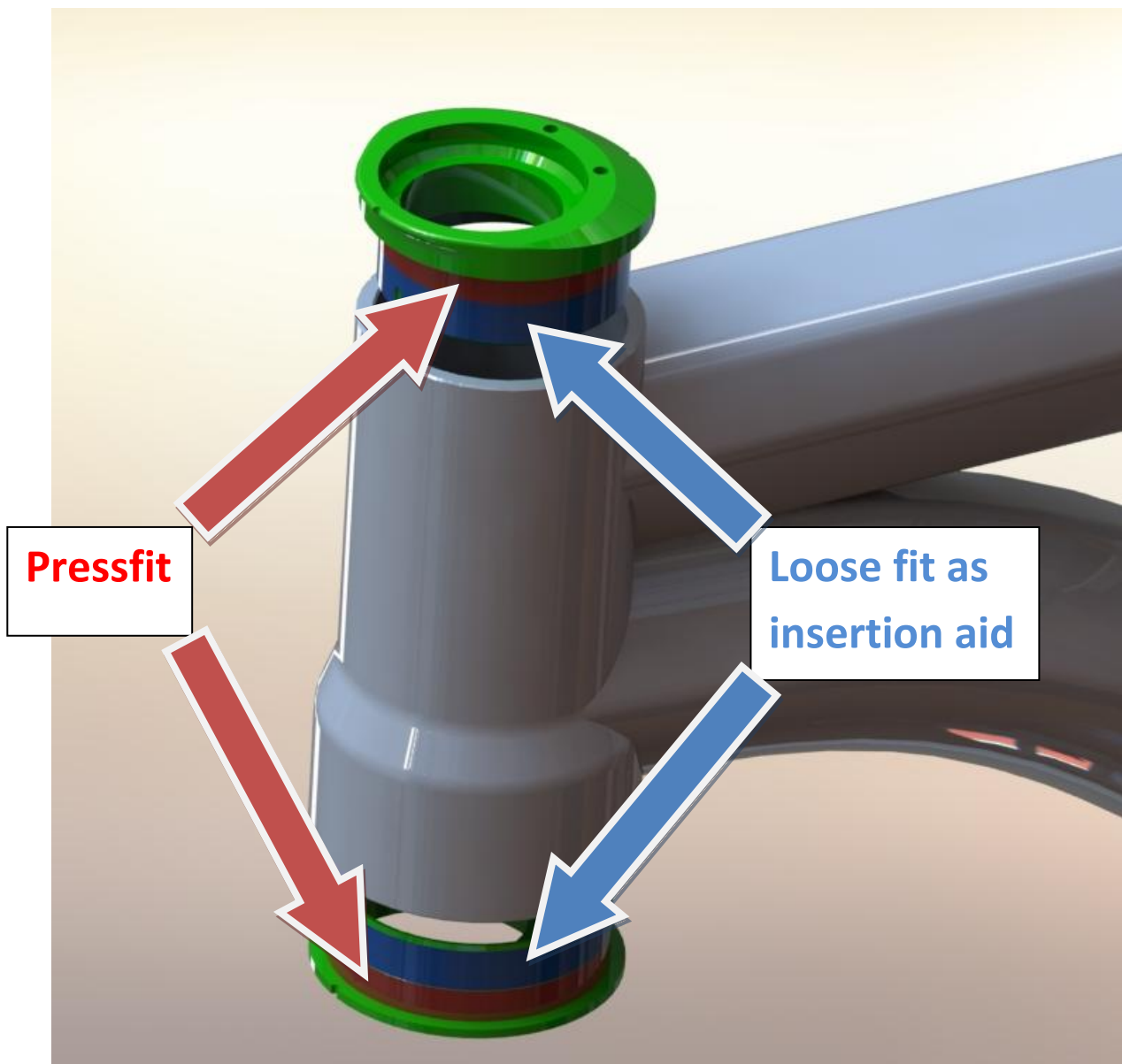


Fig. 1

Installation Instructions

CAUTION: Please make sure the steerer tube of your fork is long enough when exchanging your standard-headset to a reachset. A previously installed standard-headset with a lower stack-height than THE REACHSET in combination with a tightly shortened steerer might possibly lead to problems.

Installation

The 2 Reachset-cups (top and bottom) both possess an excentricity of 6 mm. In order to extend the reach of your mainframe, make sure both bearing seats (top and bottom) are facing to the front. In return, place the bearing seats rearwards on order to reduce your reach. Intermediate steps are NOT possible.

When you have disassembled your old headset, you first need to mark the front center of your headtube. At the Solid Strike frame for example, marks can be found ex works. At most other frames, a chord attached to the seat tube can be used to detect the point with a maximum distance – this is also the middle of the head tube. Mark this point on the front side of your headtube.

Now, place the two headset-shells in your headtube by hand – insert the loose fit part as shown in fig. 1., don't forget to lubricate it.

Align the 2 shells with the marks facing to the front and make sure that the top and bottom cup are perfectly aligned in the same angle (Fig. 2).

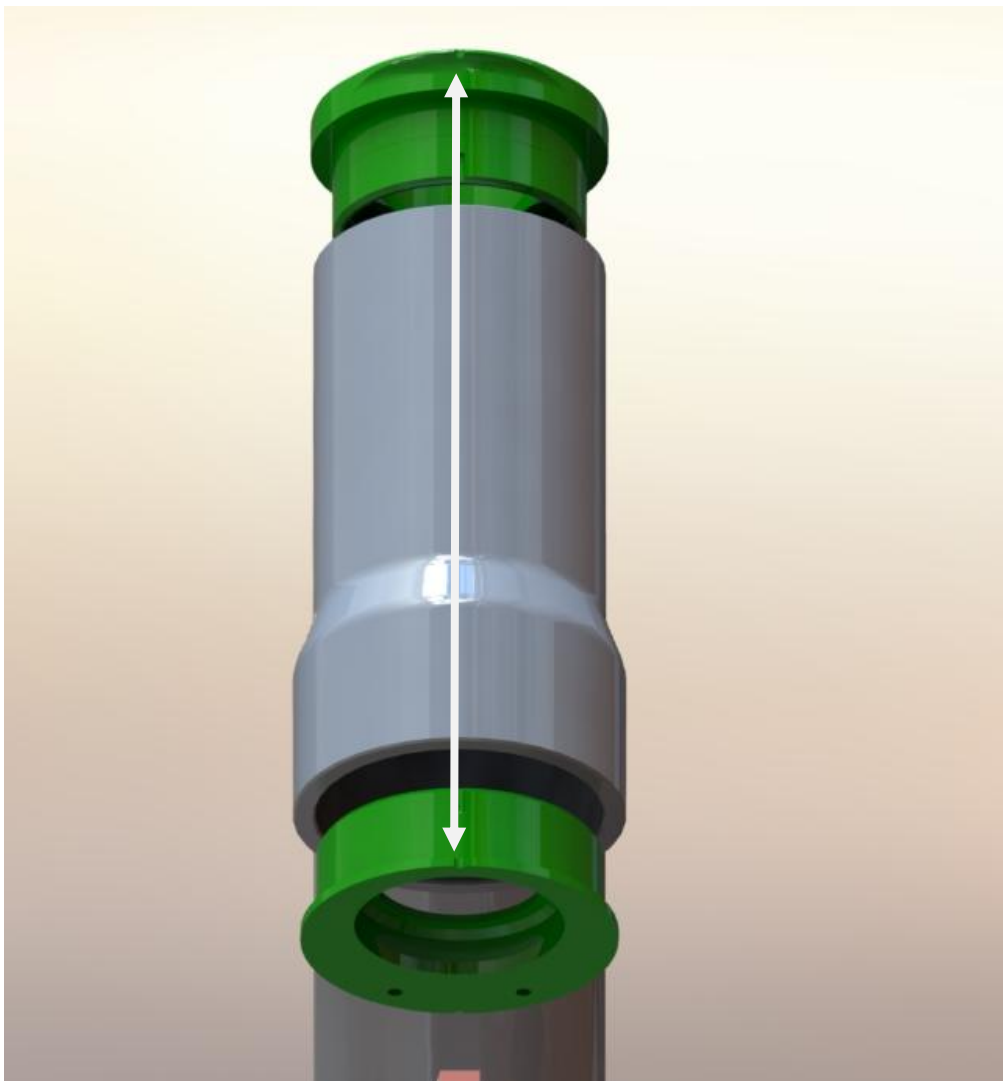


Fig. 2

Now apply standard headset mounting tools which are suitable for this diameter and press in the 2 shells.

The further procedure is state of the art.

Please make sure to take out the bearings before pressing in the headset cups – these might get damaged.

In case you need to disassemble the headset again, use appropriate professional tooling in order so make sure not to damage the bearing seats (this can occur by e.g. just hammering it out).

In case your bike rides somehow “weird” and unstable after installation of the reachset, it indicates an incorrect alignment. In this case you need to take out the bearing cups again in order to correct the position.

After your first few downhill runs, it can occur that the headset develops a bit of play. Please retighten immediately. Riding the headset over a longer period in a loose condition will damage it.

Reachset Disassembly Tool

In order not to damage your reachset when disassembling it, please use the reachset disassembly tool for this:

Before knocking out the cups, please place this steel chip inside your headtube. The alignment must be performed according to the laser marks:

- The flat surfaces facing to front and rear
- The smaller diameter must be facing to the outside of the head tube and must be centered in the steerer bore
- The bigger diameter must be aligned coaxially with the headtube / outside diameter of the reachset cup. See figure 3 for reference.

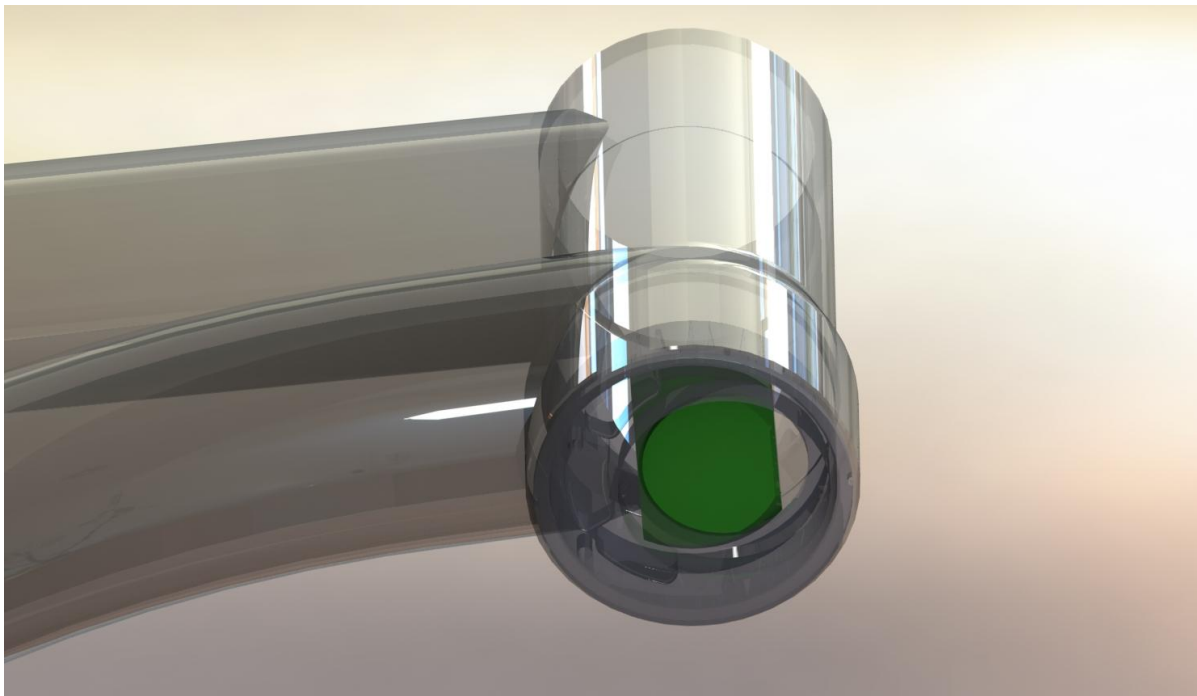


Fig. 3



Warranty

Reverse Components grants the original owner of the product a warranty of 2 years for manufacturing errors.

Crash replacement policy

- In case you had an incident and you damaged your reverse component, you can contact us and request a crash replacement via email (info@reverse-components.com). We need a case description, the receipt and will come up with an individual offer to get your potentially damaged component replaced.

THANK YOU! Have a good ride!

Your REVERSE-Components Team

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