

FITTING THE FORK

I. Explanation of construction

On the steering tube (1) is a cone (2) which holds the bearing housing (3).

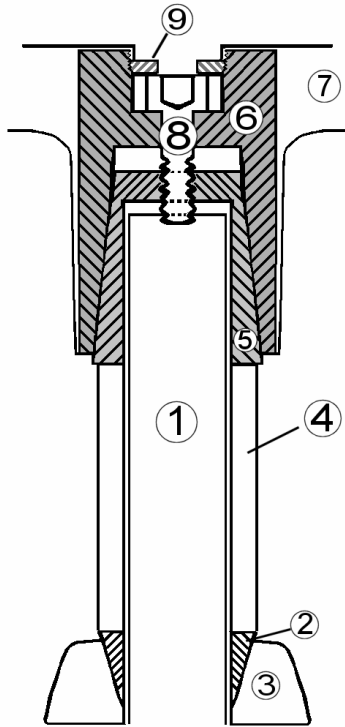
Around the steering tube (1) is a black polypropylene spacer tube (4). The spacer tube (4) pushes the cone (2) downwards.

The spacer tube (4) is held down by a conical bushing (5).

Bushing (5) is squeezed onto the steering tube by conical bushing (6) which is bonded into the steerer/handlebar (7).

Bushing (6) does not hold the spacer! This is important to know.

This means that when you push the handlebars down, it squeezes bushing (5) onto the steering tube **but does not push it down. There is therefore no**



1 Steering Tube	6 Conical bushing
2 Cone (conical tube)	7 Steerer (handlebar)
3 Bearing housing	8 Screw M8
4 Polyprop. spacer	9 Ring screw
5 Conical bushing	

point in pushing the handlebars downwards in an attempt to get the clearance correct.

II. Fitting the Fork

Tighten the screw (8) very very slightly.

Then unscrew it again about a quarter-turn * , then push down or lightly tap the screw (8) so that it taps the bushing (5) downwards.

Bushing (5) pushes spacer (4) down, which for its part pushes the cone (2) into the bearing housing.

Sometimes you need to rotate the bearing housing (3) to and fro by hand (like operating a motorcycle throttle) whilst doing this. Or you can tap it slightly with a wooden mallet to loosen the cone. This is because the cone by its very shape tries to "grab".

When (5) is down all the way and there is no play any more, tighten screw #8 making sure that the handlebar is at right-angles to the front wheel.

(* The reason for unscrewing screw (8) before pushing it down is because of the inherent play in the thread. If you did not unscrew (8) first, you would simply be pushing cone (6) down, which would only make (5) bind on the steering tube. This would prevent it from being able to push this down onto the spacer and the cone in the bearing.)

III. To loosen the top cone

Simply unscrew screw (8) which pushes against the ring screw (threaded washer) (9) which acts as as a puller (although it's actually a pusher because it pushes everything apart).

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