

## FITTING INSTRUCTIONS / MONTAGE ANLEITUNG

EN. For a quick and easy guide to fitting the c.guide we recommend you check out our Youtube clip. Scan the QR-Code!



<http://www.c-guide.org/?p=164>

### GENERAL TIPS & SAFETY NOTES – PLEASE READ CAREFULLY!

- Make sure that the c.guide is fitted parallel to the chainline. This allows the chain to run through the guide tube with the least possible friction.
- If the gap between your chainstay and the right hand crank arm is narrow fit the c.guide further back. This helps to prevent any unwanted collisions.
- Only fit the c.guide DIRECTLY to the chainstay. Fitting the c.guide over a chainstay protector can lead to it slipping and jamming with the cranks.
- If the c.guide slips because of the shape of the chainstay fit a piece of rubber (e.g. a piece of inner tube) under the zip-ties.
- After fitting you must check the chain length and rear derailleur position! Shift into the big/big gear combination and let the air out of the rear shock/remove the spring from a coil shock. Carefully fully compress the rear suspension. The cage of the rear derailleur must not contact the swingarm and should still be able to rotate forward/up. If the chain is too short you must increase chain length by adding links! Otherwise there is a risk that the c.guide can be permanently damaged if the suspension fully compresses when using such gear combinations.

### FITTING INSTRUCTIONS

The c.guide can be fitted to chainstays with or without underside gear cables. Choose the 1st step based on your frame, all other steps are the same.

Fitting with CABLE MOUNT to frames WITH a cable stop underneath the chainstay

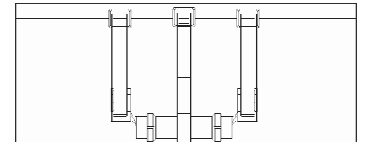
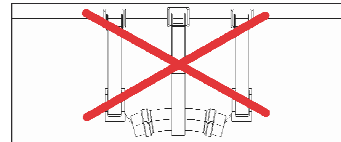
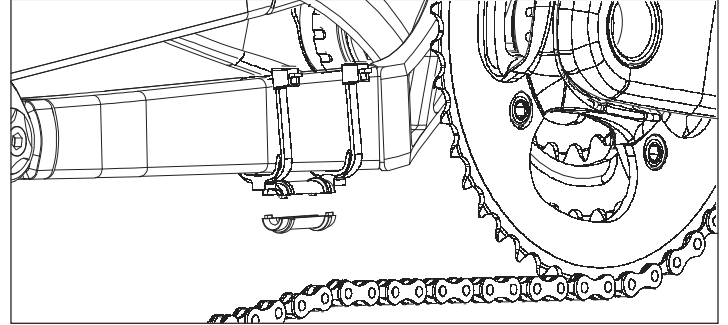
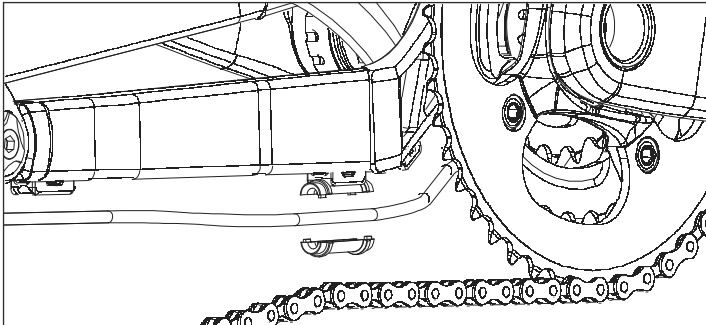
#### Step 1

Clip both halves of the cable mount tubes around the gear cable outer. Using a zip tie fix the tube to the welded gear cable stop fitting.

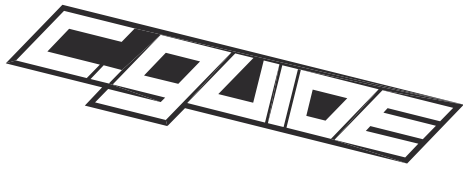
Fitting with UNIVERSAL HINGE to frames WITHOUT a cable stop underneath the chainstay

#### Step 1

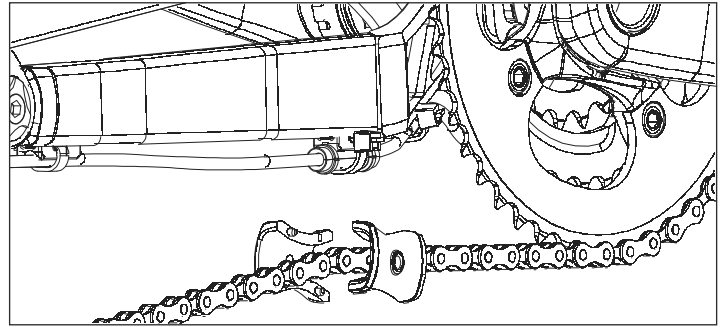
Clip both halves of the universal hinge together and fix this to the chainstay using 2 zip ties. Thread a third zip tie around the universal hinge and the chainstay. Tighten the zip tie just enough to bend the tube towards the chainstay but not so tight that the tube touches the chainstay!



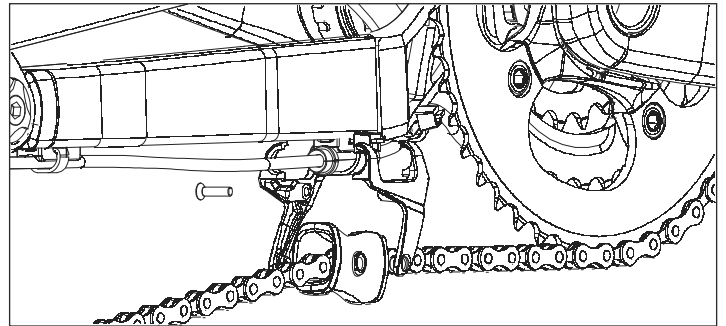
NOTES ON POSITIONING: If using the welded cable stop the position of the c.guide is determined by the position of the cable stop. When fitting with the universal hinge the ideal position is level with the rim (please see general tips)



Step 2: Clip both halves of the chain guide tube around the chain.



Step 3: Place the two halves of the bracket (c.guide boom) over the cable mount/ universal hinge and the chain guide tube. Using the M3 x 12mm bolt tighten the assembly together with a maximum torque of 2 Nm (17.7 lbs in). Use a medium strength thread lock compound (e.g. Loctite blue) to prevent the bolt from loosening. Check the installation and bolt tension regularly otherwise you may risk losing the c.guide completely.



#### TIPS FOR USE

The symmetrical split design allows the tube to be fitted in four different positions in order to extend its lifespan. To re-position or replace the tube just unscrew the M3x12mm bolt and pull the two halves of the guide tube apart. Clean the tube carefully, change its position and re-assemble with the c.guide boom. **YOU MUST ENSURE THE BOLT IS CORRECTLY FITTED AND TIGHTENED!**

New guide tubes and fitting parts (cable mount & universal hinge) are available from cycle retailers. More info at: [www.c-guide.org](http://www.c-guide.org)

Bionicon, located in the Bavarian Alps, offers much more than just the award winning c.guide:

-ISPO Bike Award for the Bionicon system with infinite geometry adjustment „on-the-fly“, for the perfect combination of downhill & uphill performance

-Patented fork travel adjustment for air sprung forks, licensed to numerous other fork manufacturers

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