

Integrated Cable Routing Reaction GTC 2010

The new reaction GTC frames have integrated cable routings. This detailed description was created to ensure a quick change of the shift cables in case of customer service.

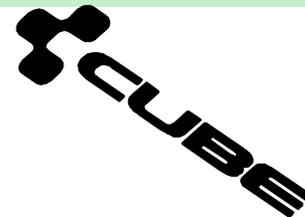
Replacing shifting Cable Rear Derailleur



Every now and then it may get around to a change of the shifting cables. Unfortunately that's inevitable. In the following we give you a few tips and tricks to keep the expenditure of human labor as low as possible. The shifting cable of the rear derailleur can be changed separately. If the shifting cable of the front derailleur has to be changed, regretfully the rear shifting cable has to be disassembled particularly. (1)



At first you loosen the shift cable at the rear derailleur and the screw of the cable stroke at the bottom of the chainstay. (2-3)



Afterwards you remove the cable housing of the rear derailleur. Furthermore you take off the liner (it's already mounted round the bottom bracket housing and about 20cm long) (3-5)





After that please do not drag the shifting cable completely out, otherwise you will get in trouble to mount a new cable into the frame. By slotting the old shifting cable into a liner (about 1m long) and carry the liner through the right hole on top of the downtube, you can remove the old cable. **If this shouldn't be possible instantly, you can simplify the working step by disassembling the fork.** (6-7)



After you insert the new shifting cable into the liner you pull the liner out of the downtube. (8-9)



If the shifting cable should be changed too, it's the point in time. In case of only changing the rear shifting cable, you just have to disassembly the cable housing and the cable stroke.



Now you thread the liner (20cm) on the new shifting cable, slide on the cable stroke and insert it into the chainstay. Finally you have to slide on the cable housing and screw the shifting cable to the rear derailleur. (10-11)

The next paragraph explains the changing of the shifting cable of the front derailleur.

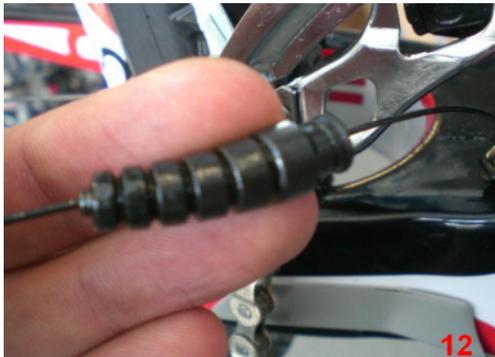
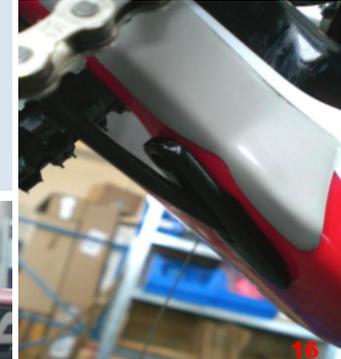


Replacing shifting cable front derailleur

First you loosen the screw of the cable fixing and then the sealing of the cable guide at the bottom bracket shell. To replace the front cable you have to dismount partly the rear shifting cable like it's described on page 2.



Further you pull the liner out of the upper downtube, like it's described on page 5 to 6. By disassembling the fork the procedure will be simplified a lot.



Up next you can drag the liner out of the hole in the bottom bracket housing, which is laid round this housing. Now you pull the long liner (1m) over the old shifting cable. (13)



Finally you pin the cable of the front derailleur through the little hole of the bottom bracket housing. After that you put on the sealing and fix the cable with the screw of the front derailleur correctly.

The final work step is to slide the the cable housing on the cable of rear derailleur. Now your bike is finally assembled and in a roadworthy condition. The importants utensil is definitely the assembling assistance (liner) which simplifies the replacing of the cables. **You can order a linerset at your distributor.**

Subsequently the new cable can be inserted into the assembling assistance and then you can remove the liner. The result is that the cable looks out of the hole down in the bottom bracket shell. Now you can assemble the liner (20cm) which protects the housing of indentation.

