

P4 FRONT CABLE ASSEMBLY



MATERIALS REQUIRED:

- 2 x 24 inch length of 4-5 mm shift cable housing
- 1 x 15 inch length of 5 mm brake cable housing
- 2 x shift cable housing end ferrules
- 1 x brake cable housing end ferrules
- Drive side and non-drive side halves of the Cervelo ICS-2 with M4 fixing bolt
- 2.5 mm allen key and torque wrench
- 1 x hook tool, fashioned from a conventional J bend spoke

PROCESS:

1. Bend spokes in the shape pictured in Figure 1 to fashion the hook tool.
2. Take the piece of brake cable housing and curve the last 3 inches slightly. Insert this cable housing into the rear most hole at the front of the top tube so it curves towards the front of the bike.
3. Insert about 3 inches into the top tube and twist the cable housing 180 degrees so the housing is now curving towards the rear of the bike.
4. Push the cable housing into the down tube until it passed the holes on the side of the down tube.
5. Insert the hook tool into the drive side ICS hole at the top of the down tube. Catch the cable housing with the hook tool and pull the cable housing out of the top tube until the end is in line with the ICS hole. Pull the cable out of the ICS hole with the hook tool while pushing more cable housing into the top tube. Stop when you have 2-3 inches of cable housing exposed on the drive side.
6. Take the first piece of the shift cable housing and curve the last 3 inches slightly. Insert this cable housing into the front drive side hole at the front of the top tube so it curves towards the front of the bike.
7. Repeat steps 3-5.
8. Take the second piece of the shift cable housing repeat steps and curve the last 3 inches slightly. Insert this cable housing into the front non-drive side hole at the front of the top tube so it curves towards the front of the bike.
9. Repeat steps 3-5.
10. Place the shifting and brake cable ferrules onto their appropriate cable end.
11. Place the non drive side ICS-2 onto the shift cable housing that exits the non drive side of down tube. Push the extra cable housing up into the frame and insert the ICS into the frame.
12. Place the drive side ICS-2 onto the brake and shifting cable housings that exits the non drive side of down tube making sure that the brake housing is inserted into the upper boss and the shift housing is inserted into the lower boss. Push the extra cable housing up into the frame and insert the ICS-2 into the frame.
13. Insert the 2.5 mm allen key into the bolt hole of the drive side ICS-2 to ensure both halves of the ICS-2 are aligned.
14. Grease threads of the M4 fixing bolt, insert into drive side ICS-2 and torque to 1.5 Nm.
15. Cut the free ends of the shifting and brake cables to their appropriate length to allow the handlebars to turn without binding (Note: The rear brake cable will need an inline barrel adjuster for proper set up of the rear brake. See P4 rear brake installation instructions)
16. Proceed to run the shifting and rear cables just as you would on any aero Cervelo frame.