

Cervélo has noticed that the top tube Internal Cable Stop of the 2009 S3/S2 can lift up on braking if the rear cable housing length is too long or too short. This will have a negative impact on rear braking quality. The following is a brief explanation of how to prevent this lifting, ensuring optimal braking performance.

MATERIALS REQUIRED:

- Isopropyl Alcohol Wipes (Possible Substitution: Household liquid isopropyl alcohol, 50% minimal strength)
- Lint free cloth or paper towels
- 1-1.5 ml of clear silicone (Recommended type: "G.E." Silicone 1 – All Purpose type, generally available in most local hardware stores)
- Electrical tape
- Latex gloves
- Safety goggles or glasses

PROCESS:

- 1 Wear personal safety equipment: gloves and safety eye wear.
- 2 Clamp bike securely into repair stand by the seat post.
- 3 If rear brake cable is already installed, loosen the cable fixing bolt on the rear brake and remove the rear brake cable from the brake and the top tube of the bike.
- 4 Once this is completed, remove the rear portion of the rear brake cable housing and the Internal Cable Stop (ICS).
- 5 Using the alcohol wipes, clean the top surface and edges of the cable stop recessed slot on the bicycle frame, as well as the underside of the ICS.
- 6 Open the tube of silicone and apply a small, continuous bead to the recessed cable stop area on the frame. Take care not to use excessive silicone as it may interfere with the proper brake function once the silicone has cured. (Note: silicone vapors are an irritant; work in an area with plenty of fresh air.)
- 7 Bend the rear brake cable 45 degrees approximately 50 mm (2 inches) from the end of the cable and insert it into the ICS at the front of the top tube.
- 8 By rotating the cable around, the bent end of the rear brake cable should pop out the rear brake cable exit hole. If it does not use a "J" bend spoke to help guide it out the hole, making sure that it does not come in contact with any silicone. If the cable has come into contact with the silicone, wipe the cable down with an alcohol wipe.
- 9 Proceed to thread the ICS and rear brake housing onto the rear brake cable. Holding the cable in one hand, use your other hand to place the cable stop on top of the bead of silicone.
- 10 Gently press the cable stop down so that it sits firmly onto the bicycle frame.
- 11 With a clean lint free cloth or paper towel gentle, remove any excess silicone that may have squeezed out from under the cable stop and on to the frame or cable stop itself.
- 12 Proceed to re-assemble the rear brake cable housing and attached the rear brake cable to the rear brake.
- 13 Using the electrical tape, secure the ICS to the frame and wait 24 hours for the silicone to fully cure.
- 14 Once assembly is complete, hand test the rear brake for proper function by activating the rear brake lever. Action should feel normal and smooth.