

## Bar End Shifter Accessory Mount



**Clamp Cable Tunnel:**      **Front**                      **Rear**  
**4in x 5in L-Bar**

### Installation Instructions

Installation is straightforward but does involve popping the bar end shifter out temporarily. If you are unfamiliar with shifters or are uncomfortable taking things apart, we recommend finding someone to help you that's done things like this before. It's not hard, but there are some details you want to pay attention to.

### Tools Required

You will need 3, 4, and 5mm Allen (hex) wrenches.

### Assembly

Installation goes like this: release the handlebar clamp inside the shifter, pull the shifter up, slide the clamp arm over the cable housing, push the clamp onto the end of the handlebar, and put the shifter back the way it was.

**1. While pedaling, shift into the gear where the lever is vertical.** Then, without pedaling, shift so the lever is horizontal. This puts slack in the cable, which makes the shifter easier to take apart.

**2. Examine the shifter.**

One side of it rotates with the shifter arm, and the other side does not. Remove the bolt from the fixed (non shifter arm) side if there is one. If there isn't, remove the bolt from the other side.



**3. Swing the shift lever aside.** You should now be able to see down inside the handlebar to the clamp that holds the shifter in place. Loosen the clamp bolt 1 (one!) turn. This should be enough to release the clamp. You don't want to overloosen the clamp as the parts may fall down inside the handlebar. Just barely loose is all you need. Note that some shifters (Microshift) are left hand threads- you'll have to turn clockwise to loosen them.

**4. Gently pull the shifter base up out of the handlebar.**

The handlebar grip will be gripping the cable housing, but a slow steady pull will allow you to pull it up enough to get it out. Once it's out, there's no need to pull it any further.



**5. There are two pinch bolts in the new clamp.** They cross the long curved slot in the clamp. The cable housing needs to slide through that slot, so temporarily remove the bolts.

**6. Orient the clamp so the open end will point slightly inward towards the middle of the trike when the clamp is on the end of the handlebar.**

With the clamp in that orientation, slide the cable housing through the slot in the clamp, all the way to the inside where the cable tunnel is.



**7. Push the cable housing in to the tunnel and push the clamp down onto the end of the handlebar.** Most handlebar grips will happily push down the 1/2 inch (12.7mm) that the clamp requires. If not, carefully trim the end with a sharp knife. Push the clamp down until the end of the handlebar is flush with the top of the clamp. Reinstall the clamp bolts and lightly clamp it to the handlebar while you reinstall the shifter.



**8. Put the shifter clamp back into the end of the handlebar,** and while gently pulling on the shifter cable, push the shifter base back into the handlebar until it seats. Align the shifter base so the swing of the shifter arm is where you want it and tighten the clamp bolt down inside the handlebar.

**9. Put the shifter arm back on the base.** There is usually a square or D shaped protrusion on the arm that needs to go back into a corresponding pocket on the side of the base. Rotate the arm and snap it into the pocket. Reinstall the bolt that holds the arm to the base. Pull the shifter arm back to vertical to retension the cable.



**10. Loosen the bolts on the new clamp and install the L arm.** Adjust the height and angle of the arm and the clamp, then tighten the clamp bolts. Once they take tension, tighten them alternately until they are both medium tight.



That's it! May you enjoy years and years of riding with your things mounted right where you want them!