

Replacing a Xootr Handlecap

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Before you begin, verify that all three screws that hold the handlecap are intact and in place. (If a screw is broken off, you will probably not be able to remove it and you will have to send in your scooter for a lowerhandle replacement.)

Required tools and materials

- 2.5mm hex wrench (This would be a good time to invest in a T-handled hex wrench)
- 4mm hex wrench
- Slotted screwdriver
- Cable cutter (a wire cutter will work...but doesn't leave as nice an end)
- Pliers

Steps:

1. Remove the "quick release" lever from the old handlecap.
2. Using the 4mm hex wrench, loosen the cable clamp bolt on the front brake pad and free the cable end from the bolt. Cut the end of the cable off and pull the cable and housing (from the top) out of the lowerhandle assembly.
3. Lower the handlebar all the way to provide better access to the three screws retaining the old handlecap. Using the 2.5mm hex wrench, remove the three screws from the handlecap. Discard the screws. Separate the T-handle from the lowerhandle.
4. If your T-handle has a rivet and a washer near the lower end of the "T", then clip the rivet off with a pair of wire cutters. If your T-handle has a slotted screw near the lower end of the "T", then remove it with a slotted screwdriver. Remove the old handlecap from the T-handle and discard.
5. Slide the new handlecap onto the T-handle, with the sloped side up (towards the top of the handlebar). Replace the slotted screw at the bottom of the T-handle. (This screw prevents rotation and overextension of the handlebar.)
6. Slide the new cable through the cable housing and then slide the cable and housing (from the top) through the handlecap, so that the wire cable is hanging free beneath the new handlecap. Thread the new cable down through the lowerhandle and through the 3mm hole in the top of the fork. (This is a little bit fussy. A flashlight helps. Another trick is to take the old cable and thread it from the bottom out the top. Then tape the end of the new cable to the end of the old cable and use the old cable to pull the new cable through the hole.) Once you've threaded the new cable out the bottom, tie a loose overhand knot in it to prevent it from sliding back up.
7. Using the 2.5mm hex wrench, screw the new handlecap down to the lowerhandle using the three new M3 screws.
8. Thread the top end of the brake cable into the brake lever. (This requires that the silver barrel adjuster of the brake lever is aligned so that there is an open slot through which you can slide the cable.
9. Pull the cable tight from the bottom and around the brake/cable bolt. Tighten the bolt. Test the brake out to make sure the cable is pulled adequately tightly and that the brake/cable bolt is tight. Cut the extra length off the cable and apply the crimp. The crimp can be attached by squeezing it with pliers.
10. Replace the quick release lever.