

Prep bike by covering tank. Plan to keep brake master cylinder upright to avoid fluid spill. Tools needed: large and small Phillips head, 4mm hex wrench, along with old toothbrush, rags and solvent cleaner.



Remove switch assembly. Single screw on underside of switches.



Remove throttle gear cover. Note the two indexing marks aligning cam gear and twist grip.



Unscrew the two 4 mm hex screws holding brake master cylinder to handgrip assembly. Slide m/c gently toward steering head. You are keeping that upright, right?



Now the throttle cam gear and twist grip can be removed after decoupling throttle cable from chain fitting.



Clean the twist grip, cam with chain, assembly housing and handlebar.



Apply a moderate amount of general purpose lithium grease to moving parts, the handlebar sleeve and inside cam housing.



Return throttle cam to housing cavity. Re-attach throttle cable to chain fitting. You may need to tug on spring-loaded cable to gain purchase on cable end.



Slide throttle grip onto bar and align with cam using the index marks. Carefully slide m/c assembly into position, making sure m/c piston slides into brake-lever housing. Snug up m/c with two hex screws (it's easier if you thread rearmost screw first). Install throttle cam housing cover, then switch cover. Clean up greasy paw prints so your customer is happy with the result.>

