



1. Locate the clutch cable adjuster on the right side of the frame down tube.



**109811- EZ Clutch Adjustor Upgrade Kit**

for 2021 Models



Tools & Supplies
Side Cutters
Small Straight Screwdriver
15 mm Wrench
EZ Clutch Adjustor Upgrade Kit

2. Remove the plastic adjuster from the upper cable with a pair of side cutters. (The plastic adjuster is yellow on the 2021 models, and black on the 2022-2023 models). Cut the plastic from the bottom and from the top. Be careful not to cut the cable wire.



3. Now remove the spring by spreading open the end of the spring and twisting it off of the wire.



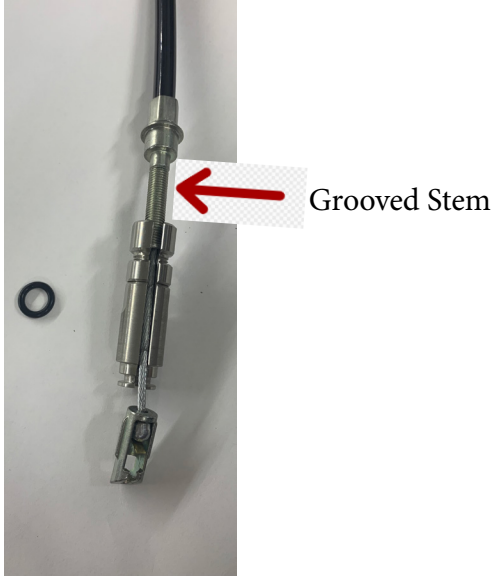
4. The photo below shows the parts that you are removing from the stock upper cable. This yellow adjuster is from a 2021 Model bike. If you have a 2022-2023 model, this piece is black.



**WARNING: The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, contact a dealer to perform the installation. Improper installation of this kit could result in death or serious injury.**

**Test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury.**

5. Remove the O-ring from the adjuster. Align the slots on the two parts of the adjuster, then slide the wire into the slot.



6. Now install the o-ring by sliding it over the bottom of the cable and back into the groove on the adjuster.



7. The new adjuster should look like the picture below when installed. After adjusting the clutch, tighten the locking nut.



8. In the image below: On the left is the stock cable (before), and on the right is the new adjuster installed (after).

BEFORE

AFTER

Factory H-D Upper Clutch Cable Adjustor

FBI EZ Clutch Adjustor Upgrade Kit



**Common Problem:** The Lower Primary Clutch Cable Adjustment Step is being skipped. (This can cause problems such as too much slack when installing our clutch adjuster upgrade).

- After you have installed our clutch adjuster, look down at the yellow plastic tube that the adjuster sits in, and there is an oval slot right inside of there. That oval slot can be referenced as a sight window. There's a ball to the lower cable, where the upper cable connects to the lower cable, that's how we reference if the lower adjustment is done right.
  - o That ball should be in the center of the slot right now, if it is not in the center, you need to perform a clutch adjustment on the lower primary.

### **Solution: How to Perform a Clutch Adjustment on the Lower Primary:**

1. Take the fat baggers clutch adjuster that you install, and screw it all the way closed, to the tightest position. This creates the most amount of slack that you can put in the cable.
2. Take the derby cover off on the left side of the primary, there will be an allen screw and a jam nut in there.
  - a. Back the allen screw off 4 turns.
  - b. The most important step after you back it off 4 turns is to take a little screw driver and push the ball of the cable through the yellow slot, and push it down below the half way mark (in the sight window). Then you can re-tighten the push rod all the way in until it bottoms out, and then back it off  $\frac{1}{4}$  turn.
    - i. The important step is to push the cable downward before adjusting the primary push rod. If you don't do this, you will have problems and get a false adjustment, and you will be at the same spot you are at now.
3. When you push that push rod in, it is pulling back a lever on the opposite side of the primary in your transmission, however, on these new bikes when you turn the screw in it won't pull the lever backwards, you have to manually push the cable down to push that lever backwards to get the slack out on the lower cable.