

CRF110 Avail Motorsports Hydro Bleeding Instructions

1. Make sure that you push the plunger in the slave out just about as far as it can go without popping out.
2. Route the clutch line through the center of the top engine mount and up by the frame and to the bars. Put the line on the master assembly and then fill the master with the proper fluid.
3. Pump the lever until you get a decent flow out of the banjo on the other end. Be sure you do NOT let the oil level get too low, if it sucks air in this will just waste more fluid and lengthen this process.
4. Now fill the slave with the proper fluid and attach it to the side cover while keeping the cover flat so the fluid stays in the slave. Leave the banjo hand tight. Go back to pumping the lever until you get a decent flow out of the banjo on the side cover. Once you do, torque the banjo down.
5. Now pump the lever again until you see the slave plunger move when the lever is pulled, then push the plunger back into the slave. Pump the lever again until it comes back out towards the end. Do that a couple times or until you get decent movement with each lever pull.
6. Now put the clutch cover on the bike and bolt it down (I only use a few bolts in just in case i need to pull it back off for any reason).
Now you can pump the lever some more until no bubbles rise into the master. (Use gravity and tapping the line to help the bubbles rise. The master needs to be higher than the slave).
You will feel when its good as well as being able to see the clutch disengage through the oil fill hole on the clutch cover.
7. With the master mounted to the bars, use a zip tie to hold it in and leave it like that overnight. Be sure the master cap is still off and the bars are turned to the right (Dont forget to put the rest of clutch cover bolts in if you only used a few).
8. Give it a few pumps in the morning and fill fluid to the fill line. Put the master cover back on and go test ride.

NOTE: After a good ride i usually like to pop the master cover off and bleed it a little more to see if any bubbles rise out.

Now your all set!

Install write up from Matt Gilbert @ Factory Minibikes