

Installing the 4" forward control extensions from Scootmods

by NW05Aero

This is a guide on the way I did the install. It is not “the” way to do it. The instructions tell you to remove the exhaust pipes. I didn’t. It is not hard to do the installation with them on, it just involves an extra step. Keep in mind, if you chose to do it the same way I did, I am not responsible for any damage.

Having said that, on to the install.

When you get the kit, check to see if you have all the parts.

- Right side bracket
- Left side bracket
- Shifter rod
- Brake rod pivot arm w/lock nut

In a bag you should have:

- 4 bolts
- 4 washers
- 4 nylock nuts

And pre-attached to the right side bracket:

- 1 small bolt
- 1 custom washer



Tools needed:

- 13mm and 14mm socket
- 1/2" and 9/16" socket
- socket wrench with 2" extension
- 10mm and 14mm wrench
- 1/2" wrench
- Allen head wrench
- Needle nose pliers
- Circlip pliers (*you can use the needle nose if they are small enough*)
- I also recomend having a new cotter pin handy

Right (starbort) side

Removal

Remove the peg bolts by starting with the front.

This one has a nut holding it on the backside. Remove the nut but leave the bolt, then remove the one from the back. While holding the peg, pull out the front bolt.

Remove the 2 brake springs, big one under the brake pedal and a small one between the pedal and brake switch.

NOTE: it helps to adjust the switch all the way down.



Big spring
connects here

Small spring here



Remove the brake switch from its bracket (*careful of the wires*).

The rod that connects to the bottom of the brake pedal from the back of the bike has a pin running through it held on with a cotter pin.

This is located inboard and is a little hard to get to.

Take your time and it will come out in one piece.

At the top of the pivot shaft plate, there is a 13mm bolt, remove this bolt and you can remove the brake pedal and bracket as an assembly.



Using the Circlip pliers, (*I used needle nose*) remove the C-clip and washer from the brake pedal pivot shaft.

Slide off the pedal.



Install

You should now have a pile of parts like this.



Take the pivot shaft plate, brake rod pivot arm, washer and C-clip...

Slide the brake rod pivot onto the shaft, reinstall the washer and C-clip.



Every thing should look like this.



Slide this assembly behind your pipes and reinstall the 13mm bolt.
DO NOT TIGHTEN THIS BOLT. Just snug it up to hold it in place.
Connect the brake rod using the retaining pin and cotter pin. (*Again this is a little hard but can be done*).
Install the brake switch and springs.



At this point it should look like this.

Attach the extension bracket using the stock bolts and tighten (including the 13mm)



Apply some grease to the new pivot shaft and install the brake pedal.
Put some blue locktight to the 1/2" bolt and tighten.
Connect the new linkge, tighten.

Take 2 bolts and 2 washers, insert them into the peg from the front, slide it onto the extention and install the nuts.

(Nuts should be on the inbord side of the extention)

Adjust the brake lever for comfort, then adjust the brake rod in the back, *(at the drum)*.
Once you have those two done, adjust the switch so it comes on when you apply the brake.



After all that,
your scoot
should now look
like this.

Left (Port) side Removal

Remove the alen bolt and retaning clip *(watch out for the washer)* holding the sproket (side) cover on.

Take off the cover and set it aside.





Loosen the set nuts on the shifter rod and turn it until it is free.

Remove the peg.

Install the extension using the stock bolts. Mind how you install this part. *(Look at the Pic)*

The instructions say:
”The side that has a hole close to the edge goes up and that hole goes towards the rear of the bike”



Take the set-nuts off the old rod and install them on the new rod.

Thread the rod into the shifter lever knuckle just enough to hold it.

Install the peg like you did for the other side using the remaining bolts/washers/nuts. Thread the other end of the shift rod into the gear selector knuckle. Adjust the lever for comfort, and tighten the set nuts.

Replace the side cover.



You're done. Go for a ride and test it.