Floorboard/Footpeg Extension Installation Instructions

For Yamaha V-Star 1100 Custom and Classic cruisers

Parts List

2 Floorboard Extensions

4 M10x25 Bolts

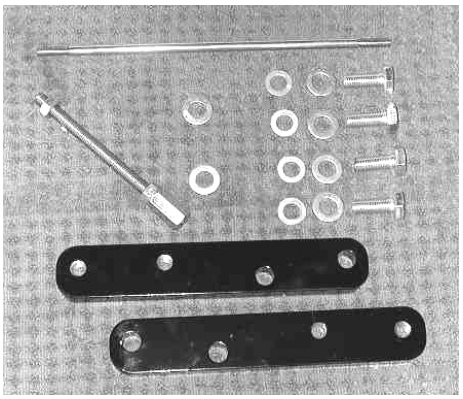
4 M10 Washers

4 M10 Lock washers

1 Brake extension rod sub-assembly

1 Stainless Steel Shift Rod

2 Washers for Brake Master Cylinder



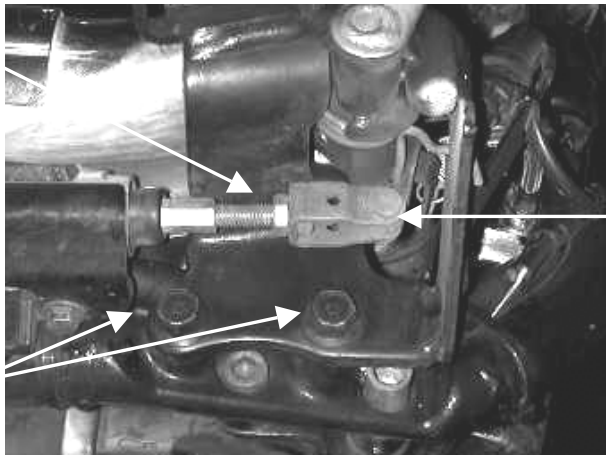
INSTALLATION NOTE:

If you have an engine guard or Highway bar they will have to be removed. The extensions are not compatible with these bars as stipulated in the FAQ section of our website www.MotorcycleEnhancements.com.

Step One – Right Side

Start on the right (brake) side. 1) Loosen the nut at the end of the brake rod. This will allow you to unscrew the brake rod from the brake lever clevis later. 2) Pull out the cotter pin and remove the pivot pin. Unscrew the clevis 3) Then using a 14mm socket or box-end wrench, remove the two bolts that hold the brake floorboard/footpeg assembly (whichever your bike has) to the frame. These bolts are torqued to 46 ft lbs, so this may be a bit difficult.

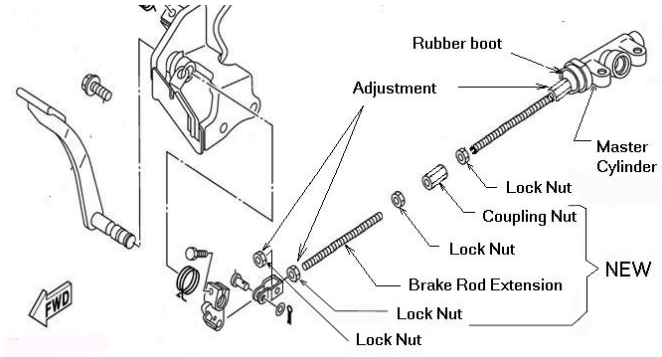
1. Loosen this nut



2. Remove the cotter pin (other side of this pivot pin) remove the pivot pin and unscrew the nut to remove the clevis

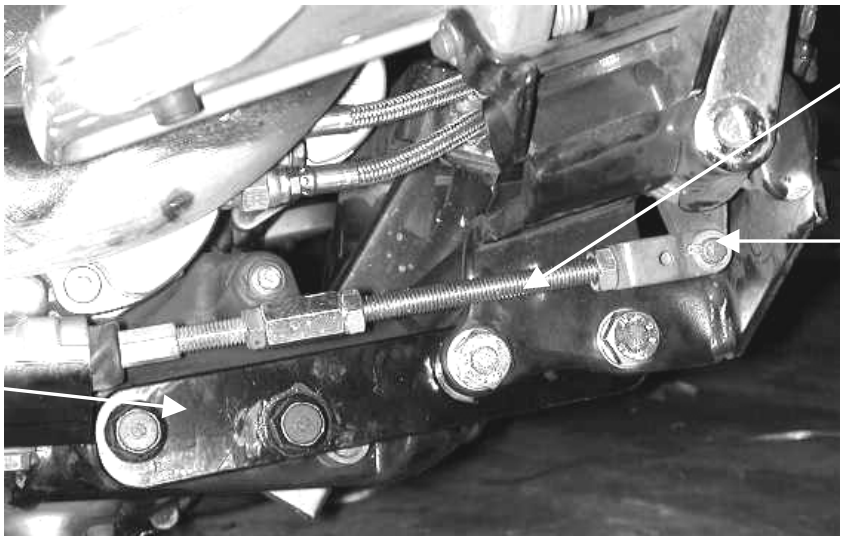
3. Remove these bolts

When you remove the floorboard/footpeg bracket, be careful not to pull the brake switch wires loose. You may wish to cut the cable tie for more room, and then rest the bracket, with the footpeg or floorboard attached, on a short box, or block of wood, to keep it handy.



Installing the extension bar:

Note that the extension bar is bolted so that it rises up in front. Use the new bolts to mount the floorboard/ footpeg bracket to the threaded holes in front.

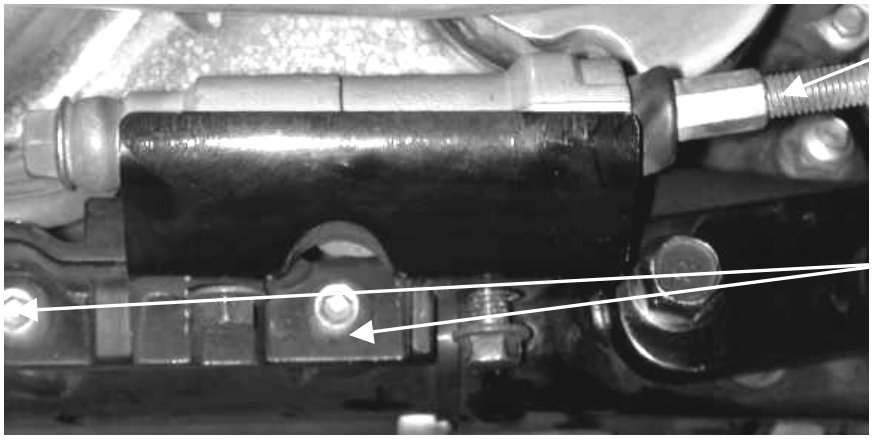


Install the new brake rod, to the end of the existing brake rod. Re-install the pivot pin, and the pivot pin cotter pin.

Install the Extension in the proper orientation **(angled holes bolt up to the frame, with front of the bar higher than the rear – see photo)** using the stock bolts for the extensions to the frame and the new bolts and washers supplied with the kit, on the forward threaded section to relocate the floorboard or footpeg bracket. The use of LocTite ® Blue here is recommended.

At this point the right side Floorboard or Footpeg should be secured tightly and the brake lever hanging loose. Now install the Brake rod extension, threading the male end to the original brake rod. Don't tighten this end yet Place the clevis over the forward most end of the brake rod extension, and threat the clevis nut onto the end of the rod. Bring the brake rod upright, to meet with the clevis at the end of the brake rod extension and replace the pivot pin. Before reinstalling the cotter pin, check the angle of the brake lever, to insure that you have the brake pedal where you want. If necessary, adjust the extension rod in or out, until you are satisfied, and then reinstall the cotter pin into the pivot pin. Check the Brake switch wire and install a new cable tie if required.

Note: Due to utilizing a thicker material, 1/2" versus 3/8" from our competitor, the Brake rod is now positioned at a greater angle. Even with the angle, braking performance is not affected, but if you wish to bring the master cylinder in line with the brake rod, do this.



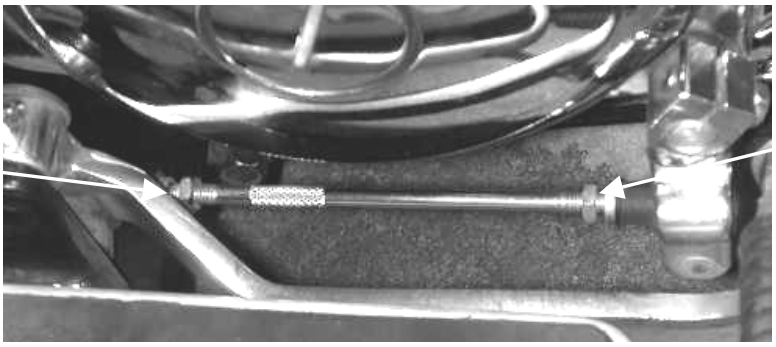
Loosen the rear, and remove the front Allen bolt. Then place two washers behind the front bolt, under the bracket, and then re-install the bolts

To change the angle of the brake rod, 1) loosen and remove the two master cylinder bracket Allen bolts 2) insert two washers behind the front bolt (front of the bike), ***behind*** the master cylinder bracket 3) tighten both bolts. Do not install any washers on the rear mounting hole. This will make the angle of the Brake Rod less aggressive.

Step Two – Left Side

For the left (Shifter) side, 1) use an open-end 10 mm wrench, to unscrew the two nuts that hold the shift rod in place. PLEASE note that one end of the shift rod has a left hand threaded nut. SAVE the nuts, as you will need them on the new longer Polished Stainless Steel Shift Rod. 2) Remove the stock shift rod. 3) Then using a 14mm socket or box-end wrench, remove the two bolts that hold the shifter floorboard/footpeg assembly (whichever your bike has) to the frame.

This side has left-handed threads



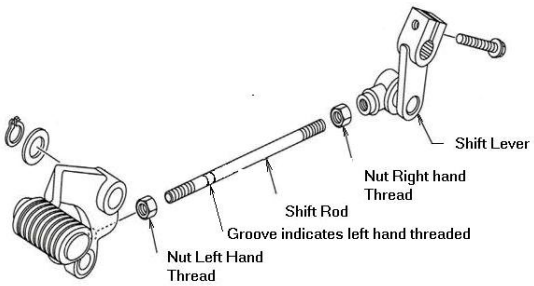
Both sides will unscrew in the same direction (towards you) with a 10 mm

Install the Extension in the proper orientation **(angled holes bolt up to the frame, with front of the bar higher than the rear)** using the stock bolts to attach the extension bar to the frame and the new bolts and washers supplied with the kit, on the forward threaded section to relocate the floorboard or footpeg bracket. The use of LocTite ® Blue here is recommended.

Bolt on the extension, same as the brake side, torquing the bolts to 46 ft lbs

Thread the old nuts onto the new Polished Stainless Steel shift rod, and install the shift rod. Adjust as needed for best fit.

Now lets install the new longer Polished Stainless Steel Shift Rod. Thread the nuts from the original shift rod to the new shift rod. Then thread the shift rod to the two shift lever joints. Adjust the shift rod until the desired height for the shift peg or pegs is reached. Lock in the nuts to stop the shift rod from turning. The use of LocTite ® Blue here is recommended.



Finishing up – Test ride

Make sure that all bolts and nuts are properly tightened and torqued where necessary. Start up your bike, and take a short, slow test ride, to check the brake and shifter. Be sure to test the brake light when stepping on the rear brake, to make sure it lights. You may need to lubricate the shifter main pivot point, and the brake lever pivot point. After your test ride, check all bolts and nuts again. That's it! You're done, and will be riding in greater comfort. The new position for your bike's floorboards or footpegs is not only forward by 4-1/4" but tilted upward so not to affect the positioning of your legs and feet. You'll find your new position more natural than before, and you are sitting *in* your bike, rather than on it.

Questions? Feel free to contact Motorcycle Enhancements at **1-905-842-2123** or

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