

# Motorcycle Handlebar Vibration Dampers Installation Guide

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Thanks very much for purchasing these Steiger Performance motorcycle handlebar vibration dampers! This kit consists of a pair of fully assembled and ready to install vibration dampers, a long machine screw and this installation guide. These dampers are a universal fit and should work in any bike that has 1" bars (just over 3/4" inside diameter) with an available depth of at least 5 3/4".

If you run into problems or have any questions/comments, please don't hesitate to contact me via e-mail at [jon@steigerperformance.com](mailto:jon@steigerperformance.com) or postal mail at: Steiger Performance, PO Box 440, Fredonia, NY 14063.

*Note: You can download a PDF version of this guide or watch an installation video at <http://www.steigerperformance.com>*

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**Tools required:** Large Phillips head screwdriver  
Needle nose pliers

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## INSTALLATION

In order to install these vibration dampers, you first need to gain access to the open end of the handlebar. How you do this will depend on the type of grips currently installed on your bike. Some grips have a cap on the end that can be removed while others will require you to remove the entire grip.

Obviously, how this is done will vary depending on the manufacturer and the style of grips on your bike so it is not possible to give detailed instructions here for every possible combination, but this is usually a fairly simple process. If in doubt, consulting your service manual, aftermarket grip installation guide or simply searching the Internet should turn up the information you need.

Check the fit by attempting to insert the assembly into the handlebar "backwards": slip the rubber retainer into the end of the bar, pull it out and adjust the tension as needed. Turning the screw on the end of the damper in a clockwise direction will cause the rubber retainer to increase in diameter and make for a tighter fit; turning it in a counterclockwise direction will make for a looser fit. You want to adjust this screw so that the rubber part is a tight fit - it should be just a little bit difficult to push that end of the damper into the handlebar.

Once you have a tight fit, flip the damper assembly around and insert it into the handlebar so that the black fuzzy end goes in first and the adjustment screw is facing out. It

should be inserted far enough into the handlebar so that it does not touch your grip - this is especially

### Step 1: Expose the bar end



### Step 2: Check and adjust the fit



important on the throttle side grip - **make sure that it does not interfere with the operation of your throttle!** Usually, inserting it so the adjustment screw is flush with the end of the bar is sufficient. Tighten the adjustment screw to hold the damper firmly in place. The fully installed damper will look like the one shown in the photo to the right.

If turning the screw causes the entire damper assembly to spin in the handlebar instead of compressing the rubber retainer, you will need to remove the assembly, tighten the screw so that the fit between the rubber retainer and the inside of the handlebar is tighter, then re-insert the damper assembly and try again. Once you have fully tightened the screw, you can re-install your grips and/or end caps. Repeat this procedure on the other side and reward yourself with a ride!



**Step 3: Insert into bar and tighten screw**

### REMOVAL

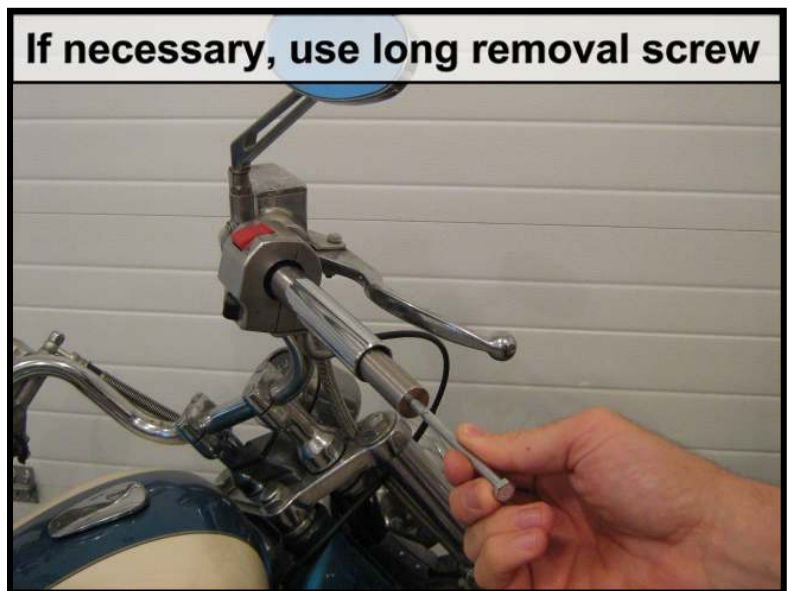
To remove the vibration damper assembly, first remove your grips and/or end caps so that you can access the end of the bar, then use a large Phillips head screwdriver to turn the adjustment screw in a counterclockwise direction. Once you notice that the entire assembly is spinning or slipping within the handlebar, simply grab the head of the screw with a pair of needle nose pliers and pull the assembly out of the handlebar. You can also turn your handlebars so that the open end is facing down towards the ground and tap on the handlebar to let gravity do the work. (If you use that method, please be ready to catch the damper assembly as it slips out of the bar!)



**Loosen screw then pull out of bar**

### **Damper assembly came apart?**

If you have loosened the adjustment screw to the point where it actually came out of the damper assembly and you are having difficulty removing the weight from the handlebar, you can use the long machine screw included with this kit. Simply screw it into the threaded end of the weight and pull it out, as shown in the photo to the right. To reassemble the damper assembly, the adjustment screw goes through the flat washer then through the rubber retainer and into the weight.



**If necessary, use long removal screw**

**LIMIT OF LIABILITY:** Should this product fail to perform as designed, Steiger Performance's only obligation shall be to replace such quantity of the product proven to be defective; we are not liable for any incidental damages. The user shall determine the suitability of the product for their intended use and shall assume all risk and liability in connection therewith. Use of this product implies consent to these conditions.