

Suzuki Intruder Handlebar Vibration Dampener Installation Guide

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Firstly, thanks very much for purchasing these Steiger Performance Handlebar Vibration Dampeners! These instructions will help you to install and remove the dampeners correctly, with a minimum of fuss. If you run into a problem, or have any questions or comments, please feel free to contact me via e-mail at jon@steigerperformance.com or via snail mail at Steiger Performance, 836 King Road, Forestville, NY 14062.

This handlebar vibration dampener kit consists of two T-304 stainless steel handlebar weights, three rubber strips, and two 6mm-1.0 machine screws. The rubber strips are used to hold the weights in place and the screws are provided to assist in installation and removal. Only the right handlebar is pictured in these instructions, but the procedure is the same for both sides. This kit was designed for Suzuki Intruders which do not use the factory style bar end weight vibration dampeners. (Model year 1999 and older with factory or aftermarket grips and model year 2000 and newer with aftermarket grips.)

Note: A full color version of this document is available in Adobe PDF format at <http://www.steigerperformance.com>

Installation

Tools required: Pair of scissors or a razor blade



To the left is what we're starting with; a stock Suzuki Intruder handlebar. The first step is to remove the plastic "chrome" cap at the end of the grip. You should be able to simply pry it off with your fingers, though careful use of a screwdriver might be required if its stuck.



Once the cap has been removed, insert the strip of rubber so that approximately 1 to 1½ inches of the rubber is sticking out of the end. The rubber strips that are included have been purposely made "too wide". This is to allow for variations between handlebars. You will need to use a pair of scissors or a razor blade to make the strip thinner. (More on this later...)

Next, insert the weight about 1 to 1½ inches into the end of the handlebar, on top of the rubber strip. Don't allow the rubber strip to disappear into the handlebar; leave about an inch hanging out. Threading the machine screw into the end of the weight (as pictured at right) may make the installation process easier by giving you a handle of sorts.





Stretch the rubber strip slightly, bend it under the handlebar and hold it there, while inserting the weight. The purpose here is to prevent the end of the strip from being pushed into the handlebar while also keeping some tension on it; the tension will make it easier to push the weight into the handlebar by preventing the strip from “bunching up” between the inside of the handgrip and the weight. If the weight is difficult or impossible to push into the handlebar, then the rubber strip is too wide. Simply trim the strip a bit thinner, and try it again. It should go in easier than before. Keep trying to insert the weight and trimming the strip until the

weight will go all the way into the handlebar without excessive force. The key here is to trim it thin enough so that inserting the weight isn't a real hassle, but to keep it wide enough to hold the weight firmly in place when it is fully inserted. (You can test this by tugging on the screw.) If you accidentally make the strip too thin, you can try to use two thin strips, or if all else fails, you can order more strips via the Steiger Performance web site at www.steigerperformance.com. An extra strip is included with the kit, so you will at least have one spare to use prior to resorting to using multiple smaller strips or ordering replacements.

Push the weight into the handlebar until it is buried with the end approximately ½ inch inside the end of the handlebar, as shown at right. (The main goal here is to insert the weight far enough into the handlebar so that the chrome cap will go back on, but not so far that it interferes with the electrical wiring. You may want to insert the weight without the rubber strip first so that you will know when the weight will contact the wires; you won't be able to feel it hit once the rubber strip is in place.

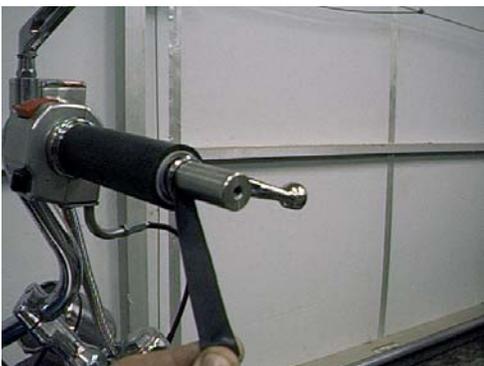


Next, either fold the remainder of the rubber strip up into the handlebar, or trim off the excess. **IMPORTANT: Be sure to leave enough rubber so that you can grab it, either with your fingers or a pair of pliers. If you don't have enough rubber to grab onto, removing the weight will be VERY difficult!**

The only step remaining is to push the cap back onto the end of the bar. (And of course, repeat the installation procedure on the other side...) Congratulations; you've taken a big step closer to a vibration free ride!

Removal

Tools required: Phillips head screwdriver (optional), pliers (optional)



After removing the chrome cap, grab the rubber strip and pull. The weight should slide right out. The threaded hole will allow you to insert the machine screw, which you can then grab with a pair of pliers or vise grips. However, if you have to resort to that method, it will be very tough going; the rubber strip acts something like a “Chinese finger cuff”; the harder you pull, the harder it grabs. Also, be sure not to put a side load on the screw, as that may cause it to break off inside the weight. The best method by far is to grab the rubber strip and pull. Re-install the end cap, and you're back to stock.

LIMIT OF LIABILITY: If this product fails to perform as designed, Steiger Performance's only obligation shall be to replace such quantity of the product proven to be defective. User shall determine the suitability of the product for his or her intended use and shall assume all risk and liability in connection therewith.