

RS5 Damper Installation Instructions

Before we start the installation, we need to make sure we have all the correct parts and tools necessary for the job.

Parts:

- 2x M8 Bolts
- 2x M8 Nuts
- 2x M10 Eye Bolt
- 2x M10 nuts
- 1x Mounting Bracket
- 1x Damper
- 1x Damper Sleeve



Tools:

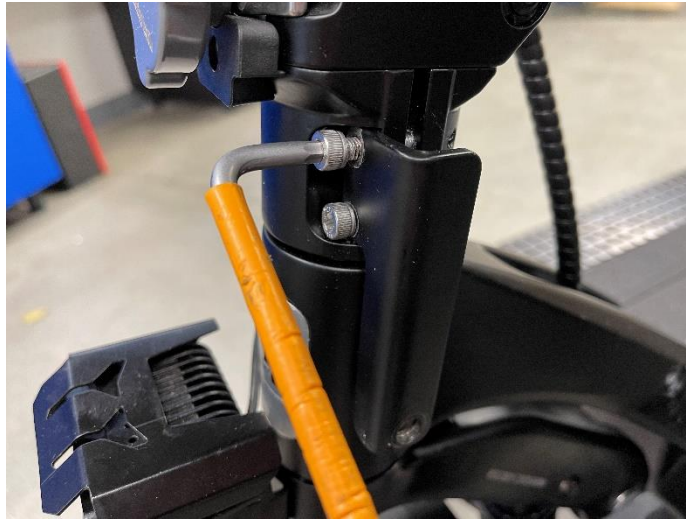
- 1x 4mm Allen
- 1x 5mm Allen
- 1x 6mm Allen
- Adjustable Spanner



1.) The first step is to remove the two 5mm bolts from the base of the stem:



- 2.) Then, place the mounting bracket onto the folding base, and attach the two bolts we just removed. Tighten down all the way:



- 3.) Take the longer eye bolt and begin screwing the 10mm nut onto the end of the eyelet. You will want to screw it down onto the threads until the nut is about halfway through the threads, like so:



- 4.) Screw the bolt into the rear mounting hole as far as it will go. You may need to use the adjustable spanner to get it all the way in:



- 5.) Take the adjustable spanner and tighten down the nut until snug. You will want the eyelet to be slightly diagonal, as you will want it to align with the other eyelet. See step 8 for details.



- 6.) Take the shorter eye bolt and attach the nut to the end. Tighten it down so the nut is about halfway down the threads:



- 7.) Use your fingers to thread the eye bolt onto the mounting bracket. You may need to use the adjustable spanner to thread the nut far enough onto the bracket. Once the nut is touching the mounting bracket, use the adjustable spanner to tighten down the nut.



- 8.) The eyelets should be parallel with each other so that the damper sits correctly. It should look something like this:



- 9.) Take the damper and slide the collar on. Keep the two 4mm bolts loose for now.



- 10.) Place the damper so that the eyelets on the damper align with the eye bolts mounted on the scooter. Then, insert both M8 bolts through both eyelets. This should allow the damper to sit freely on the scooter:



- 11.) Attach both 8mm nuts to the bottom of the M8 bolts we just attached. Tighten using the adjustable spanner and the 6mm allen as a counter torque:



- 12.) The last step is to adjust the collar along the damper so that the steering will turn in both directions. To do this, turn the handlebars so that they are at dead center (pointed straight). Then, slide the damper into a position where the gold rod on either side of the damper cylinder are equal:



- 13.) Once the damper is in the correct position, tighten both 4mm bolts on the collar of the damper. This will complete the installation, and the scooter is now ready to ride.

