

V-Twin Mfg.
Chrome Engine Stabilizer
FITS 1980 - UP FLT, FXR
W/Urethane Dampening Action
VT Part No. 31-1983

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

In order to perform this task the following tools are needed.

You will need (2) 9/16" and (1) 7/8" open-end wrenches. On some of the older Baggers you will need a 5/16" allen wrench. This will be used on the top stabilizer only. Your bike has two stabilizers. One is in front of the motor down by the motor mount. The second is up under the fuel tank. You will have to remove the fuel tank to accomplish this job.

1. For safety measures disconnect your battery prior to beginning any work on the motorcycle. This will remove the danger from any accidental spark.
2. Remove the old stabilizers from the motorcycle one at a time starting with the bottom one. Be careful as to NOT change the adjustment of your old stabilizers.
3. Adjust your new stabilizers to the same length as the old ones. To do this, you either check the center to center distance of the rod ends or check the overall length of the stabilizer. You can do this with either a tape measure or caliper.
4. Loosen the lock nuts on the new stabilizer. One nut will be left-hand thread. The other will be right-hand thread. Adjust the length of the stabilizer to the same length as the old one. Just as explained in step 2. Tighten the lock nuts after the stabilizer has been set.
5. When installing the stabilizer, the long end goes to the right with the short end going to the left. This is done so that the body will clear the case. In some instances when after market cases are used, two spacers approximately 1/8" thick must be placed under the stabilizer.
6. As per your OEM service manual torque all bolts to specification.
7. Remove the top stabilizer and repeat steps 1- 4.