

V-Twin Mfg.
39MM FORK STEERING DAMPER KIT
Fits 1988-2003 883-1200 XL
24-0171

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.

Installation Instructions:

1. The damper mount bracket bolts to the left side of the front cylinder head. It is held in place by the forward bolt of the top motor mount along with the stud on the front of the cylinder head which anchors the front motor mount. A longer 3/8" bolt is provided in kit.
2. A fork tube clamp is provide for attachment of the damper shaft to the front fork. Install the clamp with its pinch bolts facing inward toward the frame and the threaded mounting hole pointing back toward the rider at the six o'clock position.
3. Remove the pinch clamp from the damper body and thread the spherical rod end into the mounting bracket on the cylinder head but do not tighten the jam nut.
4. Slide the damper into the pinch clamp and attach shaft end of damper to fork tube clamp using the 8mm bolt provided. Do not tighten the pinch clamp on the damper body yet. Turn the forks fully to the right against the fork stop. Now position the damper body in the pinch clamp so that most but not all of the shaft travel is used with forks in this position. Slowly turn the forks to the full left position checking to be sure that the damper is not binding or interfering with the cables, hoses or horn assembly. The horn may be relocated to the right side if necessary. The damper should never be allowed to act as a fork stop when the forks are in the full right or left position. When the correct position has been determined, tighten the pinch bolt on damper body and also the jam nut on spherical rod end where it attaches to the cylinder head mount.
5. The damper should be free to move freely on its swivel mounts in any position of front fork movement and there should be no binding or interference in any position.
6. The damper is adjustable for the amount of resistance it provides. To increase the resistance turn the knurled adjustment knob to the right. This will be in a clockwise direction when viewed from the knob end. It is recommended not to use the stiffer adjustments for street use as they may cause too much resistance at slow speeds Start with the adjustment only a few clicks from the minimum setting, which would be fully counter clockwise and the gradually increase the force to suit your riding needs.
7. Recheck all fasteners to make sure the are properly torques and then test ride.

