

Kawasaki KX 450F

Installation instructions - GPRv4 / 2012 +



Dirt Bike / GPRv4 **** MAKE SURE THE PIN-HEIGHT HAS BEEN SET BEFORE YOU INSTALL THE DAMPER ****

Please Read! Important Information Before You Start:

This is a complete bolt-on kit. GPR Stabilizer recommends installation be performed by a professional motorcycle mechanic. It is of extreme importance that your steering damper setup is free of binding or any issues restriction the steering. This includes cables, additional bar mounted accessories, improper installation and not adjusting the pin height (dirt bikes). The purchaser of any of GPR Stabilizers products is solely responsible for the correct installation and maintenance of your product. Improper mounting or neglected service could have a negative effect of the performance and reliability of your steering damper. It can also create excessive stress and wear to the stabilizer and mounting brackets. For proper rebuilds, service and correct mounting brackets please contact GPR Stabilizer. GPR Stabilizer is not responsible for any damage to your bike or body while installing or using our products. If you have any other questions or do not understand any or part about installing this kit on your bike, please refer to our support page or call us. Typical installation time is 1-1.5 hrs.

GPRstabilizer.com / 619-661-0101



- 1 - Securely place the bike on a stand with the front wheel off the ground. remove the handle bars and the upper triple clamp.
- 2 - Install the post mount by sliding it over the steering head tube of the frame. Tap it down evenly until the top of the post mount ring is flush with the top of the frame steering head tube. Center it, and tighten down the pinch bolt 1 turn. Then tighten down the two set screws 1 to 2 turns, then back to the pinch bolt. Continue doing this until the post mount is fully secure and parallel with the angle of the steering head tube. ***When the post is completely tight, the back of the ring near the set screws, will have a small gap between the ring and the frame.
- 3 - Install the new GPR handle bar mounts in the forward hole in the triple clamp, using the supplied bolts and cones. ***DO NOT USE THE STOCK / OEM CONES!*** The lower bar mounts will have the flats sides on the inside and the bars in the #3 position. The rubber cone is used on top of the triple clamp and the aluminum cone is to be used on the bottom of the triple clamp. Install the triple clamp back onto the bike using the GPR steering stem nut, do not use the washer. Torque to 50 ft.lbs.

**** NOW SET THE PIN HEIGHT - SEE BELOW ****

- 4 - After the pin height is properly set, install the GPRv4 steering damper. While you are tightening down the damper unit be sure that flat sided pin is fitting into the slotted arm evenly. Use a hammer to gently tap it down till flush with the top of the pin. Re install the handle bars and make sure all is secure. While sitting on the bike, move the bars back and fourth. The sweeping action should be smooth, make sure there is no binding or interference with the cables. Start off on the lower settings on the damper until you get used to it. Then work your way up the dial to suit your riding conditions.

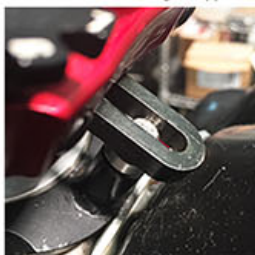
Instructions - Setting the Pin Height

This is the most critical part to "get right" when installing this kit. Please call us, or email, if you do not understand this set up. This "floating pin" consists of two parts. The stainless steel flat-sided pin is fitted into the post mount with the flat sides up. The aluminum collar around the pin is a pressed fit and is to be adjusted AFTER the post mount has been finally secured and BEFORE the steering damper is bolted on. Center the top clamp and place the steering damper over the bar mount and move the damper arm - OFF TO THE SIDE OF THE PIN, then position the damper flush against the bar mount, with out the bolts, and move the arm over to the pin to check the height. If too high: Gently, but firmly, strike the top of the pin while in the post mount. Tapping down until the top of the pin is flush with the top of the damper arm. If the pin is too low: Pull the pin out, turn upside-down back into the post mount and gently tap with the hammer until u have enough height. Too high of a pin + bolting down and securing the damper without checking the pin height will cause internal damage and will destroy the seals. Also when finally securing the damper, make sure the flat sided pin is pressed into the slotted arm evenly as the damper is being tightened down.

Too Tall - Will Cause Damage!



Too Short - Not Enough Support



Correct! Top Is Flush With Top of Damper Arm.



Enough Clearance For The Damper And Free Movement

