



SUZ LTZ 400, KAW KFX 400 PRO ELITE STABILIZER

- 1) Install the frame clamp on the shifter side of the frame $3\frac{1}{4}$ " above the upper a-arm mount bracket. Adjust it so the front points to the 7 o'clock position (6 o'clock would be straight out from the frame tube). Tighten all 4 allen bolts.

Pic1:



- 2) Next install the stem clamp. Be sure to align the punch marks on the two clamp pieces to each other. The mount tab should be on top when the mount is installed. The bottom of the mount should be $7\frac{7}{8}$ " above the top of the tie rod mount bracket on the stem. The mount tab should point to 4 o'clock. Tighten both allen bolts. **Be sure the handlebars are straight before you mount this part.**
 - 3) Mount the clevis end of the steering stabilizer body to the steering stem clamp. Use the tapered spacer between the clevis and the mount. The small end of the spacer goes against the clevis. Tighten this bolt and nut now.
 - 4) Find the stabilizer clamp, the hiem joint, the allen bolt, nut and flat washer. Note that one of the holes in the clamp is threaded. The hiem joint slides into the bracket and the allen bolt goes thru this assembly and into the threaded hole. Then the flat washer and nut goes on. Do not tighten the bolt yet. Slide the bracket on to the stabilizer body so that the threaded section of the hiem joint goes into the frame mounted bracket. (The adjusting nut should be turned in until the end of the stud is flush with the jamb nut. Tighten this nut.
-

- 5) Set the distance from the front end of the stabilizer to the clamp at 2 3/8". Tighten the allen bolt on the clamp, then tighten the nut.
- 6) Now it is time to check the stabilizer to be sure that it works correctly. The goal is to have the stabilizer go thru its complete cycle (turn left and right) without binding or hitting the end of the shaft travel. If the stabilizer shaft bottoms out either to the left or right you will have to adjust it in the clamp and/or adjust the clamp on the steering stem forward or backward.
- 7) Once your stabilizer assembly moves freely and doesn't bind or bottom out check all nuts and bolts for tightness. This is critical. If the stabilizer does not function correctly major injury may occur!
- 8) To adjust the stabilizer begin with the knurled knob turned all the way counter-clockwise. Each "click" you turn clockwise will make the handlebar resistance stiffer.
DO NOT ADJUST THE STABILIZER WHILE YOU ARE RIDING – THIS MAY CAUSE LOSS OF CONTROL RESULTING IN SERIOUS INJURY OR DEATH!!!!

NOTE; Alba carries rebuild kits and spare parts in stock. If you wear out the internals or break any parts give us a call for help.
