

# KoubaLink Installation Instructions

*Fits: Kawasaki 1998-up KX80/85/100 & Suzuki 2003-up RM100.*

*PN. KX100-1 & KX100-2*

- 1) Before removing the OEM links, take a race sag measurement (amount of vertical movement of the rear axle FROM no weight to bike weight plus rider weight) with rider in full riding gear, standing on the pegs. The race sag recommended by Kawasaki is 3.25 to 3.50 inches and if the same sag is used with the KoubaLinks they will lower the rear 1 inches with the KX100-1 links and 1 3/4 inches with the KX100-2 links. These longer links put more leverage on the rear spring, so bear in mind the race sag will need to be reset after the longer KoubaLinks are installed. Our recommended race sag with the new links is 2.75" to 3.25" for the best performance. With our sag recommendations, the rear will not be lowered the full amounts but will ride smoother on the small stuff and have more travel remaining for the bigger hits. The rear sprocket will hit the muffler with the KX100-2 link if he/she is bottoming the rear very hard, if that is the case you may need to decrease the rear race sag. If that does not stop the bottoming he/she may be ready for the shorter KX100-1 links.
- 2) Raise the motorcycle with a bike stand, milk crate, etc., so the rear wheel is just slightly off the ground. Remove the 17mm nut (right side) from the forward link mounting bolt and push it out the left side. \*You may need to raise the swing arm slightly so the bolt will slide out freely. Then remove the nut off the rear link mounting bolt (left side) and push it out the right side. Both links will now be off and you are ready to install the KoubaLinks. Some bikes have both the link mounting bolts installed from the same side and can see no reason they cannot be installed from either side.
- 3) When installing the KoubaLinks, the engraving should be to the outside and readable from either side. (Both links are identical.) Install the new links in the reverse order of the removal and torque the link mounting bolt nuts to approx. 40 lbs-ft. \*\*You will have to raise the swingarm to line up the mounting holes.
- 4) After the links are installed, reset the race sag. If the links are for lowering purposes ONLY, sag can be set at 3.50", and will lower the rear of the bike approx. 1 inch with the KX100-1 links and 1 3/4 inches with the KX100-2 links. If the best performance is desired, we recommend a race sag setting of 2.75" to 3.25" depending on the conditions and the setup. The easiest way we have found to adjust the rear spring preload is to use a long punch (we use a piece of 1/4" X 12" steel keyway stock, rounded on one end) to loosen the top jam nut from the right side, then grasp the spring at the bottom and turn the spring and the preload nut at the same time. Turning the spring/nut clockwise increases the preload and decreases the sag. Do not forget to tighten the jam nut with the punch after setting the sag.
- 5) The front forks can be slid up in the triple clamps until they almost contact the handlebars, which is a good starting point with the lowering links. Headshake or turns too quickly? Move them back down a little, like 1/8" at a time until handling is acceptable.

**\*Disclaimer: Raising or lowering the rear more than the front can change the geometry and could affect the handling, so be careful out there.**

**If you like what the KoubaLinks do for your suspension, please tell everyone, if you do not, please tell us. We can be contacted at our e-mail address below and are always interested in your questions or comments.**