



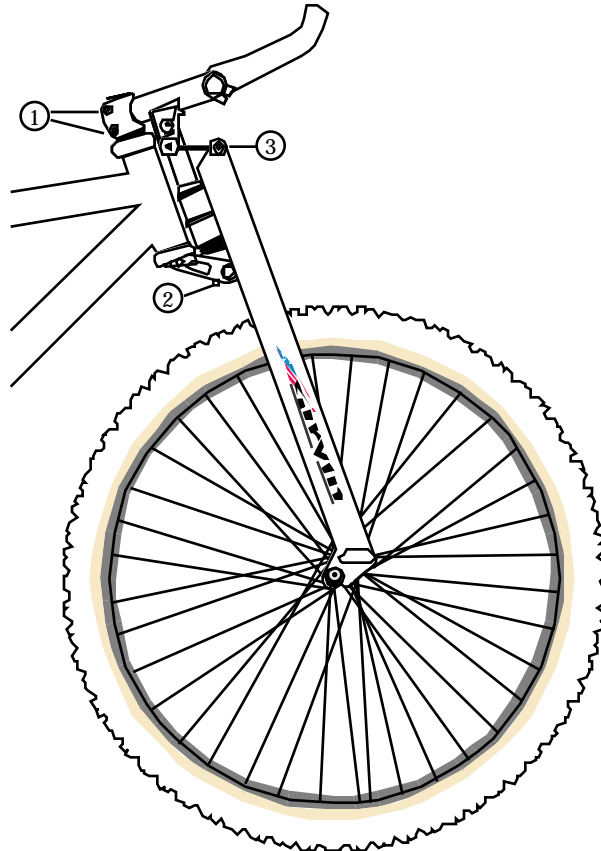
## GIRVIN VECTOR / VECTOR 2 / GIRVIN AL ALIGNMENT INSTRUCTIONS

**WARNING!**  
K2 Bike strongly recommends that Girvin Linkage forks be by a K2 Bike/Noleen dealer or other qualified technician. Failure to align the linkage fork properly can result in failure during use and severe injury.

After hitting large bumps on an angle, or in similar impact situations, some older Girvin linkage forks may get knocked out of alignment. The alignment of the Girvin linkage fork is maintained by the attachment of the stem to the steerer tube and the lower pivot axle to the lower links. Should your fork become misaligned, complete the steps below to realign it.

Tools Needed:  
5 and 6mm Hex Wrenches  
In-lb Torque Wrench with 5 and 6mm bits

\* Note: K2 Bike has created a Unified Lower Link for the Vector 2 / Girvin AL that increases the overall performance of these linkage forks and can help prevent misalignment problems. This Item, part #GFULK, is available through K2 Bike.



### Alignment Instructions:

1. Loosen the two stem steerer pinch bolts OR the Upper Link Mount bolt (1).
2. Loosen one of the two top fork leg pivot bolts (3).
3. Remove both lower link pinch bolts (2). These two lower link pinch bolts should be 25mm in length (M6 x 1 x 25). If they are not, you should obtain two longer larger-head bolts from K2 Bike (kit #15020) and install them in their place. The replacement bolts will allow a higher torque to prevent future misalignment.
4. Standing in front of the bike, grip the front wheel between your legs. Grab the ends of the handlebars and gently rotate the handlebar/stem assembly slightly past the point where the stem is perfectly aligned with the front wheel. Now slowly bring the stem back to perfect alignment with the front wheel.
5. Snug the two stem pinch bolts or ULM bolt (1) and the two lower link pinch bolts (2).
6. Recheck the alignment. If the alignment is still satisfactory, proceed to Step 7. If the fork is still misaligned, repeat Steps 1-5.
7. Check your headset for looseness and adjust as necessary.
8. Tighten the two stem pinch bolts (1) to 100 in-lbs or the ULM bolt to 265 in-lbs.
9. Tighten the two lower link pinch bolts (2) to 150 inch pounds.
10. Tighten both top fork leg mounting bolts (3) to 100 inch pounds.
11. Recheck all fork bolts for tightness.

