Revision: 1.1 - 02/19/2010

## **INSTRUCTIONS:**

If your bike is equipped with a windshield, it is much easier to perform this installation if you would remove it before starting on the following. If your motorcycle is equipped with screw in type bar end weights like the V-Star 1100, you will need to replace the grips as the bars are not designed to accept the bar end weights

- 1. Remove brake and clutch master cylinders (do not disconnect hydraulic lines). Remove left side electrical control housing. Remove throttle assembly and electrical control housing.
- 2. Remove upper handlebar riser clamp, then remove handlebar from bike. At this point, check the hydraulic lines and throttle cables for proper routing, as it is necessary that you have the maximum length of all the lines and cables available. (Kong Bar installations will require longer-length lines)
- 3. You might find it easier to install the throttle assembly (not the grip) on the new handlebar before clamping the bar in the riser clamps. Be sure you align the locating pin in the control housing with the hole in the bar.
- 4. Install new bars into risers. Replace upper clamps, install the front clamp bolts first, screw these bolts down until the front tip of the upper clamp just touches the lower clamp half. Now tighten the rear clamp bolts down until snug enough to hold the bars in place.
- 5. Install master cylinders, be sure to only snug the clamps, this way you will not mark the chrome on the bars as it will be necessary to rotate and adjust them once the bar position is set.
- 6. We have found that the most comfortable position for the bars height is when they are adjusted to where the throttle cables just clear the fuel tank when turned to the full left position. CAUTION! Once youve positioned the bars, be sure to pull the throttle side all the way in towards the tank watching to see if the throttle cables clear the tank. If they do not clear, you should raise the bars up until the cables just clear the tank. Once satisfied with the bar position, be sure to tighten the bar riser clamps to where they hold the bar firmly into position.
- 7. Install your grips.
- 8. It is now time to adjust the brake and clutch levers into place. Once happy with the height of each lever, tighten the clamps firmly.
- 9. We suggest that you now test the brake, clutch and throttle to be sure that they are functioning properly before you take the bike for a ride. Once satisfied they are all working properly, you are ready to ride.
- 10. After riding your bike, be sure to check the hydraulic fittings for leakage.