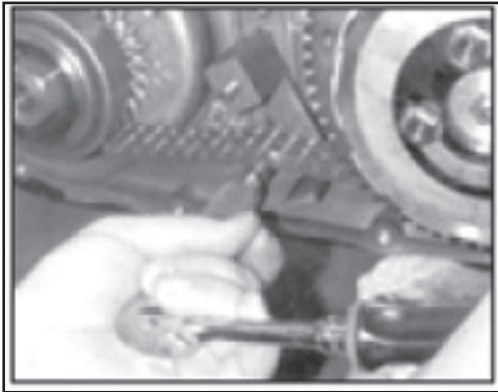


# York Chain Tensioner for Big Twins.

VT No. 18-0581

The **York Chain Tensioner** when installed in the primary engine case, automatically self-adjusts the tension on the primary chain to provide constant and even tension which improves gear shifting and reduces shifting noise.

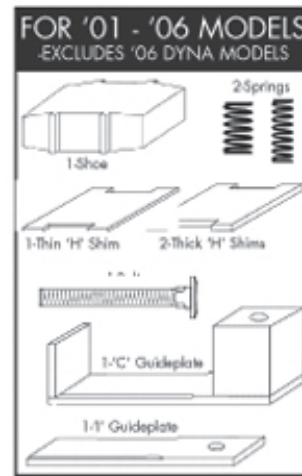
1. Put your bike in neutral. Drain your oil and remove the primary engine cover.



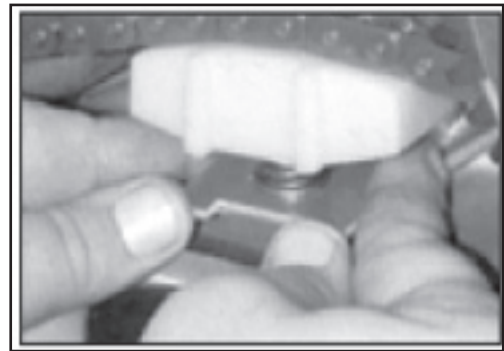
2. Remove the factory chain tensioner along with the inner slotted adjustment bracket that is held in place with two flush screws. (Torqued to 12-14 ft. pounds!) Be sure not to strip these screws. Replace the stock carriage bolts with the longer one supplied, and reattach the adjustment bracket. Then slip the Guide Plate over the carriage bolt and slide it back against the factory slotted adjustment bracket with the block facing you.



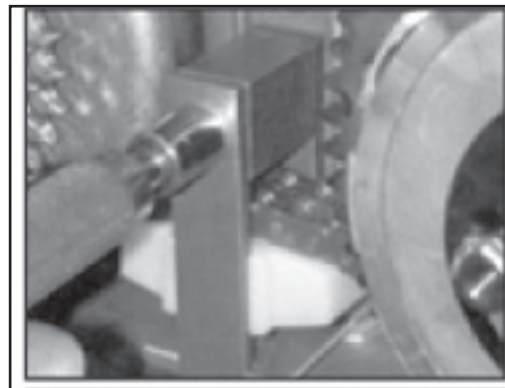
3. Place the smaller spring inside the larger spring and place them in the hole in the bottom of the shoe. With the smooth surface facing up on the SHOE, slip it under the lower primary chain and fit it against "C" shaped guideplate. Note: Never use washers in the SHOE or for any other use when installing the chain tensioner.



4. Place the thin 'H' shim under the springs and measure for 5/8" from bottom of the SHOE to the top of the SHIM. If you need more than 3 SHIMS this may indicate that your primary chain is worn and should be replaced.



5. Place the other GUIDE PLATE with the bevel-cut edges facing inward (towards the shoe). Keeping the shoe held 90 degree right angle to lower the primary chain, torque nut to 33 ft lbs.



6. Re-assemble the primary engine case and fill with primary fluid. Check the unit for wear every 20,000 miles or so if needed.