



## V-Twin Primary Chain Tensioner Installation Instructions

**CAUTION: INCORRECT INSTALLATION OF PSR MANUAL PRIMARY CHAIN TENSIONER MAY RESULT IN SEVERE ENGINE DAMAGE!**

**IF YOU ARE NOT SURE OF ANY STEP OF THE PROCESS, WE RECOMMEND THAT THIS PRODUCT BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN AT YOUR LOCAL DEALER.**

1. Disconnect the negative battery cable.
2. Remove the outer primary cover.
3. Remove the OEM tensioner per the factory service manual.
4. Install PSR manual chain tensioner with red loctite.
5. Torque the bolts to 15- 18 ft. lbs.
6. On a cold engine, adjust the chain tension to 5/8" - 7/8" free play.
7. Tighten the locknut.
8. Reinstall the outer primary cover using a new gasket.
9. Torque the bolts to factory specification.
10. Refill primary and primary fluid per factory specification.

**\*DO NOT over-tighten the primary chain, as chain guide damage could occur. Be sure jam nut is tight against the tensioner body when complete.**

Professional installation is recommended. Always use proper safety measures during the install of this product. Do not try to install this product without proper tools, recently calibrated torque wrench, correct torque specifications from factory service manual, safety goggles and gloves. The motorcycle must be in a fixed secure position before the install process begins. PSR is not responsible for any losses, damages or claims resulting from injuries sustained or alleges to have been sustained by the installation of this product not installed by a certified mechanic experienced in the installation of component parts on motorcycles. PSR is not responsible for the functionality of the product not properly installed or under circumstances in which there has been a modification to the product by any person not employed by PSR.