



Suzuki LTZ 400
Cam Chain Tensioner Extension

Ref: Excessive Engine Valve Train Noise

This kit was developed to quiet valve train noise, caused by long-term use and/or high-RPM riding. **BEFORE INSTALLING THIS KIT:** verify that the valves are within factory specs.

1. Remove seat and right-side tank cowling.
2. Remove breather lines from the black box, located behind the right side of the motor, just above the exhaust pipe. Remove bolt at rear of box and remove box.
3. Locate Cam Chain Tensioner. Remove 12mm hex cap. **CAUTION:** cap is under spring pressure. Remove cap, spring and washer. Remove two 5mm allen-head bolts, holding Cam Chain Tensioner to cylinder head. Remove Cam Chain Tensioner from motor.
4. Locate roll-pin on end of Cam Chain Tensioner arm that holds the end cap to the tensioner arm. Drive roll-pin out with small, round punch and remove end cap. Install new end cap, reinstall and center roll-pin into tensioner arm.
5. Completely collapse cam chain adjuster, by depressing the ratchet and pushing the tensioner arm into the tensioner body.
6. Clean gasket surfaces and install new gasket. Reinstall Cam Chain Tensioner, using the two mounting bolts. Torque to 7.0lbs/ft. Install spring, washer and 12mm hex cap. Torque hex cap to 21.5lb/ft.
7. Reassemble remaining items in reverse order of disassembly.