

V-Twin Mfg.
V-Thunder "Fast Time" Pushrod Kit
VT No. 11-7712

For use on 1984-1999 EVO BT Models w/Stock Lifters

This is a custom application and should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Installation Instructions: Please read this instruction sheet carefully before beginning installation.

1. Remove the Battery ground cable and tape the end and bend away from motorcycle.
2. Lift rear wheel of motorcycle off ground with jack.
3. Remove the pushrod cover clips and push the upper covers into the lower tube. You can now lift the tube to obtain access to the pushrods.
4. Remove the spark plugs and place the engine in high gear. Rotate the engine forward until the two front, cylinder pushrods are in the lowest position and can be turned freely. Using bolt cutters remove the existing front pushrods, Check all "O" rings at this time and replace if questionable.
5. Shorten two pushrods for insertion in the front cylinder. Install with adjustable end down.
6. Extend both adjusters until they are snug, (zero lash) making sure that both ends are in the ball sockets securely.
7. Turn locking nut up until it touches tube. Using a short combination 5/16 wrench to hold the adjuster, place a short 7/16" wrench on the flats of the long tapered pushrod tube.

Note: The hydraulic lifter has to be fully pumped up before attempting adjustments.

8. Once your sure you are at zero lash hold the threaded adjuster with a 5/16" wrench carefully turn the long tapered tube up 3 full turns (18 flats) with a 7/16" wrench.
9. After adjusting both pushrods carefully tighten locking nut Do Not over tighten. It will take 10-15 minutes for the front lifters to bleed off. During this time do not rotate the engine as valve or piston damage will occur. When the front pushrods can be turned freely you may repeat the procedure on the two rear pushrods starting with step 5 through step 6.
10. When all four pushrods have been installed and all turn snugly, check the four locking nuts to be sure they are tight. Close the pushrod covers and install clips. Install the spark plugs and battery cable . Remove stand or block and start motorcycle to check for oil leaks.