



## Easy Install Tapered Pushrods

1. Put your bike on the lift and removed the negative battery terminal.
2. If you plan on not removing the rocker boxes, remove your spark plugs.
3. Remove stock upper pushrod cover clips by using a small flat blade screw driver.
4. Lift the bottom tube to expose the lifters in their bores.
5. Get a rubber band and paper clip to hold both front cylinder tubes in the elevated position.
6. Put your bike in 5<sup>th</sup> or 6<sup>th</sup> gear (depending on model) and spin the tire until both lifters are at the lowest point.
7. Using bolt cutters, careful cut the stock pushrods and remove.
8. Repeat steps 5-7 on rear cylinder.
9. Identify the new rod by reading the side. One will be labelled EXT and the other INT.
10. Install the new O-Rings in the heads and tappet blocks after removing the stock, remember to lube them up. After those are installed install the pressure tube, spring and seal into the new outer covers.
11. Spin the rear wheel again until both lifters are at the lowest point in their bores to insure your are on the heel of your cam.
12. Install the INT rod first, spin the adjuster by hand until the rod no longer freely moves up and down, then locate the white "O" on the wrenching area.
13. Complete 2.5 complete turns on the adjuster and then run the lock nut up, with a small wrench hold the squared off areas on the lower part of the rod and use two ½ in open ends to lock down the adjuster and let the lifters bleed out.
14. After 10-15 minute attempt to spin the pushrod by hand, if it moves continue to the exhaust and repeat steps 10-14. If it doesn't spin allow more time, it can take up to 30 minutes to bleed down or more. Sometimes twisting lightly with a wrench can ease the process.
15. Once both are free spinning by hand you can re install the covers.
16. Repeat 10-15 on the rear cylinder.
17. You're all done! \*\* If they lifters and springs in the heads are new re adjust them after the 1<sup>st</sup> thousand miles if the valve train starts to create noise.

### FAQs-

Q: Do I need new lifters?

A: Rule of thumb is always put lifters when installing a new camshaft or pushrod.

Q: When I fired up my bike it ticks for a minute then stops?

A: Dont panic, the lifters should pump up within a few revolutions, if the ticking does not stop turn off the bike and re adjust the rods or re prime the lifters.

