

V-Twin Mfg.
Jims Power Glide Tappet .002 Over
Use on 1953-84 Pan and Shovel Models
VT No. 10-0643

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

Installation Instructions:

1. Install tappets per OEM Service Manual.
2. Use VT No. 7515-4 Pushrods for panhead and VT No. 11-9524 Sifton pushrods for shovelheads.
3. These tappets will work best in Jims Tappet Blocks V-Twin No. 10-0070 with a running clearance of .0007-.0012.
4. Jims Power Glide Tappet can also be run in stock OEM blocks, at a running clearance of .007 -.0012.
5. Install lifters in tappet blocks with oil hole on tappet facing each other in the blocks.
6. Jims Power Glide Tappets are assembled with a small amount of oil to ease in the adjustment. This way you will not have to bleed down the tappet at the time of final adjustment.
7. With the Power Glide Tappet installed, start with the front tappet at the lowest point on the cam, extend the pushrod to zero lash (no up and down play, this is not moving the hydraulic unit from snap ring down).
8. Extend the pushrod adjuster 15 wrench flats if your pushrods have 24 threads per inch (H.D. pushrods have 32 threads per inch), 17 wrench flats if pushrods have 28 threads per inch, 18 wrench flats if pushrods have 32 threads per inch, 24 wrench flats if pushrods have 40 threads per inch, and 30 wrench flats if your pushrods have 52 threads per inch. Tighten locknut.

IMPORTANT NOTE: This adjustment will make the pushrod tight, which will bleed the hydraulic lifter. It will take 10-15 minutes, or longer, to bleed off. It is very important that the engine is not rotated while pushrods are tight. The pushrod will spin with your fingers after it has bled off properly.

9. Recheck lock nut, close covers and install clips.
10. Repeat exact procedure on rear set.
11. Turn motor over several times to pump oil into the Power Glide Tappet or until the oil light goes out, or oil is returning to the oil tank.

USE VT No. 11-9524 PUSHRODS ON SHOVEL MOTORS OR OEM 17904-66 OR EQUIVELANT

USE VT No. 7515-4 PUSHRODS ON PANHEAD MOTORS OR OEM 17905-53B OR EQUIVELANT

CAUTION: Use motorcycle oil 20-50w at best and clean the tappet filter screen. May also be used with 50w or 60w oil (See item E, below)

The following is sometimes mistaken for noisy tappets:

- A. The most common being the clearance between cam gears and pinion gear (referred to as gear lash). If you did not change the cams at the time of installing this kit and had no gear lash but a slight whine when motor was cold it is safe to say you are OK in this area.
- B. Rocker arm end play .004" to .010" is good.
- C. Oil pressure at normal operating temperature about 2000 RPM. should be 12-35 p.s.i..
- D. Check valve to guide clearance.
- E. If using 50w or 60w oil you may have a ticking noise at cold start, this is normal.

Pushrod Adjustments

Threads per inch	Wrench flats	Total travel distance	Distance per turn	Distance per flat
24	15	.1042"	.0417"	.0069"
28	17	.1011"	.0357"	.0059"
32	18	.0937"	.0313"	.0052"
36	21	.0965"	.0275"	.0045"
40	24	.100"	.025"	.0042"
52	30	.0962"	.0192"	.0032"