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INSTRUCTION SHEET FOR TOOL #746

TAPPET ADJUSTMENT TOOL

No. 746 - Use this tool to verify proper hydraulic tappet adjustment on most hydraulic tappets. Does not work on Solids, JIMS Hydrosolids, or other limited travel lifters.

Refer to H-D service manual to gain access to the top of tappet area.

Read all Instructions before using this tool

Always wear Safety Glasses or other face and eye protection such as full face shield. JIMS is not responsible for damage, injury, or your work. JIMS is not responsible for the quality and safety of your work.

Product recommended for use with this tool:

- H-D or Clymer service manual
- JIMS No.917 pushrod clip remover and installer tool
- 2- Open end box wrenches
- Adjustment specs from pushrod manufacturer used

USING THIS TOOL:

- Rotate the motor so the tappet is positioned at the lowest part of the cam lobe.



FIG. 1

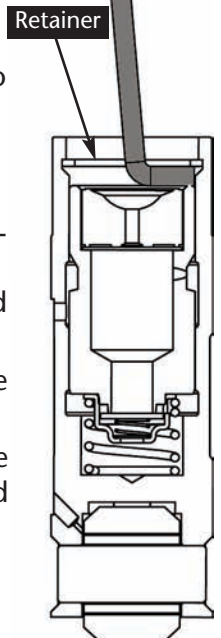


FIG. 2

- Adjust tappet following the adjustment guidelines for your particular pushrod.
- Wait for tappet to bleed down. This can take 5 – 15 minutes or longer. **Do not rotate the engine until the lifter has bled off.** The pushrod will spin with your fingertips after the lifter has bled off.

CAUTION: Never rotate the motor until the lifters are bled down completely. Doing so can bend valves, pushrods, and damage pistons.

- Insert JIMS tappet adjustment tool between the retaining clip and the pushrod seat. **See Fig. 1 and 2.**
- The tool will fit snugly between the retainer and seat when the tappet is adjusted properly.
- If the tool does not fit between the retainer and seat, you will need to extend the pushrod until the tool fits snug with no end play.
- If the tool is loose between the retainer and pushrod seat, you will need to collapse the pushrod until the tool fits snug with no end play.
- After final adjustments are made, make sure locknuts are tight, expand pushrod tube cover and re-install pushrod cover retainer using JIMS No.917 pushrod clip removal and installer tool.
- Repeat on remaining tappets.
- Reinstall pushrod covers per H-D service manual.



Performance Parts For Harley-Davidson Motorcycles