

**V-Twin MFG.
York Big Twin Hydraulic Chain Tensionator
VT No. 18-0120**

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

1. Drain primary oil

(On FL and Road King models remove shift lever and floorboard.)

2. Remove primary cover

3. Remove existing chain tensioner

4. Parts to be removed

5. Parts to be installed

(Only 2000 and up models require the bolt)



6. Install inner support with welded spacer.

7. Turn bottom block upside down and force oil into one of the four holes until full. Makes Hydraulic function start working faster.

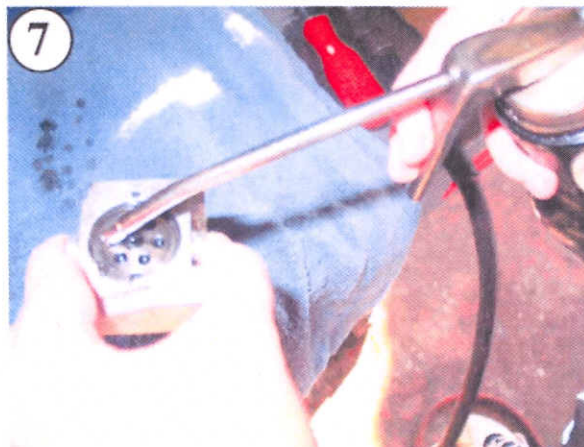
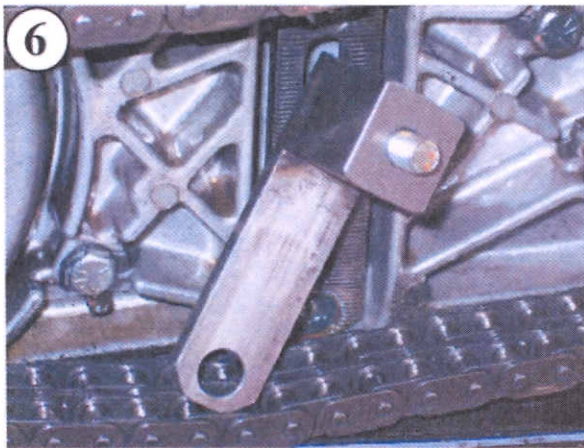
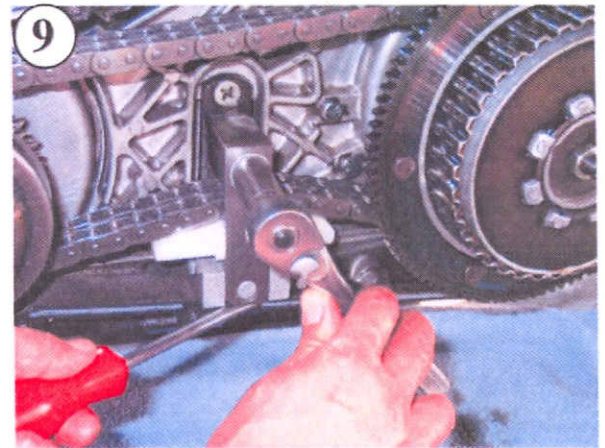
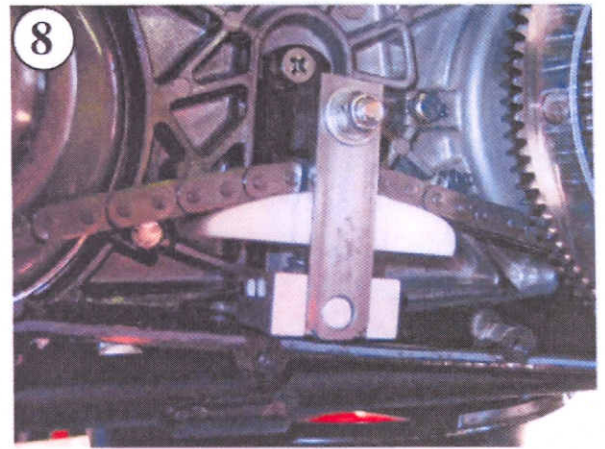
8. Install with pointed part of shoe facing forward and relief valve on aluminum block facing forward.

9. Install outer support with washer and nylon nut that came off bike and slide assembly up to achieve zero slack. Pry up 1/16" higher (which is preload) tighten nut 28-30 ft. lbs. If compressed too much you may hear a whine. The reason for the compression is for future chain stretch or wear.

10. Set screw and jam nut is preset. Do not attempt to adjust.

11. Install primary cover. Tighten all screws to 9-10 ft. lbs. or 110 in. lbs. Fill with primary oil. Install small cover.

FL models - 32oz - Softail models - 26oz.



Note: After installation, make sure shoe moves up and down freely. You may need to file off outer corner of guides. Only on some 2000-2002 models.

