

M6-XL4 / 4-SPEED SPORTSTERS '77-'90

Congratulations on your purchase of the popular M6 Chain Tensioner for 4-Speed Sportsters. The M6 Chain Tensioner, when installed in your primary engine case, automatically self-adjusts the tension on the primary chain to provide **constant** and **even** tension which improves your transition in gear shifting, reduces shifting noise, extends chain life, and makes for a much smoother ride. **A true performance product that performs!**

STEP 1

Drain oil.

STEP 2

Remove primary adjuster bolt.

STEP 3

Remove factory chain tensioner and spring.

STEP 4

Place the smaller spring inside the larger spring and place them in the hole in the bottom of the M6 Shoe. With the smooth surface facing up on the shoe, install into the steel guideplate with the guideplate legs facing up. (as per drawing)

STEP 5

Compress the springs by pressing the plastic shoe down as you install the unit onto the factory stud.

STEP 6

Slip adjuster on the factory locator stud as a unit, as you lift up on the primary chain.

STEP 7

Be sure to slide the M6 adjuster all the way onto the stud.

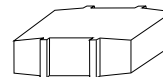
STEP 8

Install bolt into the factory adjuster bolt hole after using silicone seal or gasket seal on threads of bolt to prevent leakage. Re-install primary cover (with new gasket) and oil.

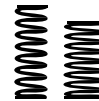
SPECIAL NOTE

If there is more than 1/2" clearance between the shoe and the bottom of the spring, you will need to use the stock adjuster bolt and lock nut to get a 3/8" measurement between the bottom of the shoe and the springs.

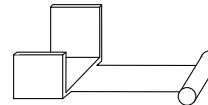
FOR INSTALLATION, THESE PARTS SHOULD BE INCLUDED IN THIS BOX



1-Shoe



2-Springs



1-Guideplate

**"Feel the
Difference!"**