

ZODIAC ADJUSTABLE SHOCKS FOR SOFTAIL

ZPN 243067 Fits 1989 thru 1999 Softail and most aftermarket Softail style frames

ZPN 243071 & 243073 Fits 2000 to present Softail



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

ADJUSTING SPRING PRE-LOAD

NOTE: Adjusting spring pre-load will not only change absorption properties but will also change handling behavior of the motorcycle.

NOTE: After ride height & pre-load have been set verify shocks are the same length by measuring from center to center of mounting points.

NOTE: Adjusting spring pre-load can be done with shocks installed on or off the motorcycle.

Adjustment range is approximately 4 full rotations.

- 1.) Loosen pre-load adjustment lock nut. (re. to fig. 1)
- 2.) Using a special tool such as our ZPN 750803 Softail shock pre-load tool, turn adjusting plate clockwise to stiffen pre-load & counter-clockwise to loosen pre-load. (re. to fig. 2)
- 3.) Lock down pre-load adjusting nut using a medium strength thread locker such as Loctite "Blue" or Permatex "Blue" when pre-load has been set

ADJUSTING RIDE HEIGHT

NOTE: Adjusting ride height must be done with the shocks off the motorcycle or at least detached on one end.

NOTE: Adjusting ride height will change handling behavior of motorcycle.

NOTE: Extending shock assembly lowers frame/fender height. Shortening shock assembly will raise frame/fender height.

NOTE: Always check clearances during & after adjusting ride height.

- 1.) Loosen ride height adjusting lock nut. (re. to fig. 3)
- 2.) Rotate end to desired height. Always leave at least 1 inch of threads engaged in the female threaded shaft. (re. to fig. 4)
- 3.) After adjusting ride height on both shocks, verify that they are the same length by measuring from front to rear mounting points. (re. to fig. 5)
- 4.) Lock down ride height adjusting locknut a medium strength thread locker such as Loctite "Blue" or Permatex "Blue" (re. to fig. 6)