

## **Rear Shock Installation Instructions**



Consult your owner's manual for the safe removal of your old shocks and the installation of your new ones. Check to make sure that the shocks do not interfere with the belt drive cover or the chrome frame cover. Use the spacers provided if necessary. **If you have any doubts about the installation of these shocks, please call us.**

Included with your shocks, is a set of aluminum inserts to plug the airlines in the stock air shocks to keep them from leaking when removed. Install by wiggling the plug into the airline adapter on the shock and pulling the outer red ring back. This should lock the pin into place.

Almost all the Touring model shocks should be mounted with the body tube on the swing arm side and the shaft side mounted to the frame. The Sportster and Dyna models may require spacers to give proper clearance to the frame and shock, depending on model.

### **To adjust the preload:**

1. Unthread the body side spring cover from the spring cover cap to expose the spring adjuster ring.
2. Use the preload adjuster tool to turn the spring adjuster ring in the direction of the desired results. Clockwise= More Preload, Counter Clockwise= Less Preload.
3. You will need a tape measure to measure the preload of the shocks. By leaning the bike against the stand, lift it to the full extension. Now pick a fixed point on the lower spring cover and measure the distance to a fixed point on the shock head. This will be your unloaded distance.
4. Now with the rider on the bike, making sure that the bike is in neutral and balanced properly, bounce on the bike a couple of times and then sit down. Repeat step 3 from the same reference points. This will be your loaded distance.
5. Now subtract the unloaded distance from your loaded distance to give you your preload measurement.
6. Your preload measurement has to be at least 3/8"-1/2".

*Note: For the Sportster models, you will need to use the 1/4" spacer on the side closest to the frame.*

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