



## *Twin Adjustable Rear Shocks*

### **INSTRUCTIONS**

(Please read entire sheet before beginning install)

#### **Parts included:**

- 1- Set of Pre-Adjusted Shocks
- 1- Hardware kit
- 1- Manufacturer's Instructions
- 1- Spanner Adjustment Wrench

#### **Install Steps:**

1. Remove your stock shocks per your service manual.
  - a. Harley Trikes do not require the removal of the body. Simply remove both rear wheels (be sure the trike is safely secured with jack stands) to gain access to the top and bottom shock bolts. Also on the trikes both shocks must be removed before installation of your new Twin Adjustable shocks.
  - b. When replacing air shocks, remove the air hose from the shock by simply pulling it out and you may leave the hoses in place, or you may remove all the hose completely, but it is not necessary.
2. Install your new Twin Adjustable Shocks reusing the same shock bolts and red thread locker. Tighten to 40 ft. lbs. (make sure you install them so the lever for the rebound damping is easily accessible for adjustment, typically on the bottom facing away from the tire.)
  - a. When installing the Twin Adjustable Shocks you will want to use the hardware in the included hardware kit. Unless your shocks need to be spaced out for clearance use the thin bushings on both sides of the shock mounting ears. If your shock needs to be spaced out use the thicker bushing only on the inside of the mounting ears and the thin bushings on the outside of the mounting ears.

### **Getting the Best Quality Ride:**

Your Twin Adjustable Shocks have been tuned to the specifications you provided with your order so that in all of your riding circumstances they will perform much better than your stock shocks.

In addition, you can further customize your ride, softer or firmer, by simply moving the lever operated damping adjustment anywhere from 1(softest) to 5 (hardest).

You may have a change in your circumstances, or simply wish to fine tune the shocks to your unique riding style/conditions. If you choose to do this see the instructions below.

### **Fine Tuning Your Shocks:**

*(We have already tuned them based on our experience of what most Harley riders want, which is a plush soft, but stable, ride when fully loaded)*

1. Always put your lever operated rebound damping on 3 when making your fine tune adjustment. This allows you to make small changes in either direction.
2. There is an adjustable collar at the top of the shock which determines the preload on the spring. To increase preload turn the collar, with your hand, or the included spanner wrench, clockwise, and counterclockwise to decrease the preload.
3. If you feel that your unique riding conditions are causing the shocks to bottom out regularly, then this is the circumstance where you would want to increase the spring preload. Conversely, if you feel the shock is not bottoming out and want a plusher ride this is when you would want to decrease the preload, but not so much that you begin feeling the shock bottom out under normal riding conditions.
4. Typically fine tuning your shocks in this manner will take multiple adjustments and test rides to achieve your "Sweet Spot". We have found that one complete turn and then a test ride is the best increment in change to find your "Sweet Spot". (Less than one complete turn will not make enough of a change to notice from one test ride to the next, but more than one complete turn may result in you bypassing your "Sweet Spot".)

### **General Notes:**

- The rider's safety depends on the correct installation of these shocks. Please do not attempt if you have any doubts of your ability to install.
- It is imperative to use red thread locker and torque specs as specified.
- Installing these shocks will result in your bike/trike handling differently. It will handle better and ride better. However, Exercise caution as you get accustomed to the improved/different handling characteristics.

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