

ADJUSTABLE SLAM KIT

Part# 17-100 Fits: 2000-up Softtail models

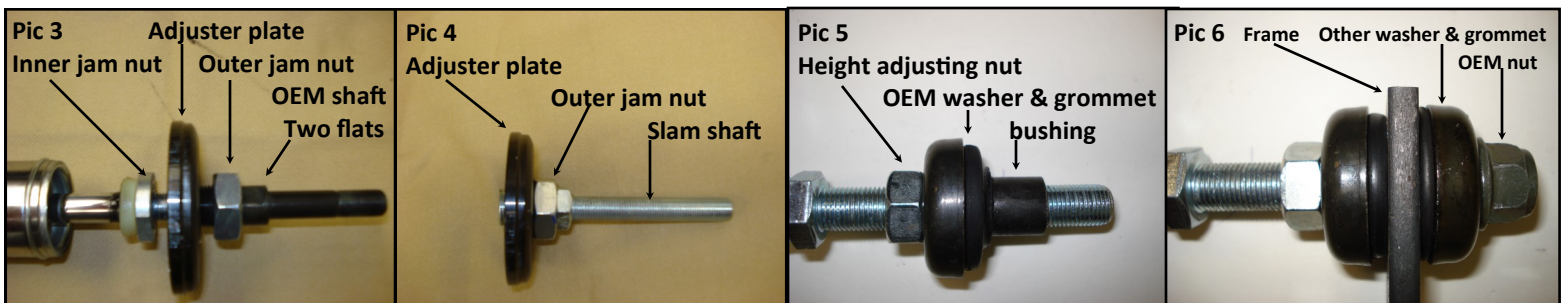
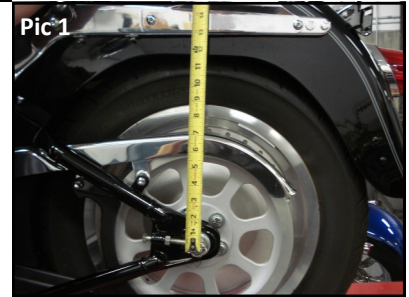


Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. This adjustable slam kit allows you to custom-tailor the ride height of your bike, offering true adjustability. Basic hand tools and a service manual for your year and model motorcycle are all that is needed to complete this installation.

Parts:

2 - 17-100-1 Adjustable Slam shaft
2 - HM-014 12mm hex nut

1. Elevate the rear of your motorcycle until the rear tire is no longer touching the ground. Take a measurement from the axle centerline to the bottom of the fender strut **Pic 1**. Record the measurement this will be used as a starting point when adjusting ride height later. Remove both shocks as per OEM service manual. **Note:** Retain all the OEM hardware as it will be reused.
2. Position shock in a press, supporting the spring cover at the bottom and pressing on the shaft. **Pic 2**. **Note:** make sure the press ram is extended 4 to 4.5 inches before touching the shaft to allow the shock and spring to completely unload. Slowly press the shaft until there is enough room to pick the retaining out. Once the retaining ring is removed slowly ease up on the press to allow the spring and shock to completely unload. Remove from press, remove spring cover and spring as a unit.
3. Hold the shock eyelet in a vise with aluminum soft jaws. Remove OEM shaft by first loosening the outer jam nut and adjuster plate. There are two flats on the OEM shaft, use a suitable wrench on this to keep it from turning. Now loosen the inner jam nut and remove the OEM shaft. **Pic 3** Remove adjuster plate and outer jam nut from OEM shaft then install them on the new Slam shaft. **Pic 4**.



4. Apply threadlocker (not supplied) to the threads of the shock shaft then thread the slam shaft onto the shock shaft. Bottom the slam shaft on the shock shaft. While holding the slam shaft with a suitable wrench jam the inner jam nut against it. Run the adjuster plate down against the inner jam nut then jam the outer jam nut against the adjuster plate. Reassemble shock and repeat steps 2 thru 4 on other shock.
5. Thread one 12mm height adjusting hex nut (provided) onto the slam shaft about 2/3 down the shaft. Repeat on the other shock. **Note:** make sure the nuts are equal distance down the shaft. Install one OEM washer and grommet with bushing onto each Slam shaft. **Pic 5**. Then install shock onto motorcycle. Now install the other washer and grommet then secure with OEM nut. **Pic 6** Adjusting the ride height is now easy.
To lower: Run the height adjusting nut out on the slam shaft (making the shock longer) then torque the outer OEM nut to OEM specs.
To raise: Run the height adjusting nut in on the slam shaft (making the shock shorter) then torque the outer OEM nut to OEM specs.
6. Again measure from the axle centerline to the bottom of the fender strut and use this measurement with the one taken in step 1 to achieve desired ride height.