

# ADJUSTABLE REAR LOWERING KIT FOR SOFTAIL 2000 MODELS

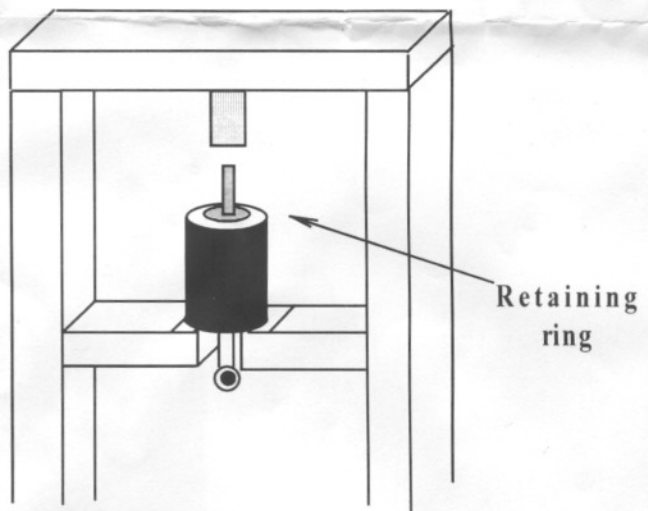
**IMPORTANT: This kit is intended for use on custom motorcycles as it greatly reduces  
Ground clearance and will affect turning ability.**

**This kit is not recommended for use on street or highway.**

- 1) Lift the motorcycle up to a position where it is level and the rear wheel is approximately 8 cm off the ground, make sure that the lifthing device under the frame is not going to interfere with removing the shocks. Take a measurement from the cross-member where the front of the shocks is mounted to the spring cover and write this down. Place a block under the rear wheel while also checking to make sure the motorcycle is stable on what it's sitting on. Remove both shocks now.
- 2) After you disassemble the shocks you will need a press to continue. Position shock in the press as shown:

Make sure the ram is extended out 10 cm to 12 cm before touching the threaded end of the shaft, compress shock approximately 2,5 cm and remove retaining ring. Release the press and remove shocks.

- 3) Remove spring cover and spring. Using a vise with soft jaws, place threaded end of the shock in vise clamping it on the flats next to the threads. Loosen nut on the main shock shaft and remove shock from extension shaft. Loosen adjustable extension, and remove and replace on adjustable extension. Put loctite on shock shaft and install adjustable extension, torque nut to 30 ft lbs. Install spring plate and nut, tighten jam nut. Replace spring cover. Put in press and compress carefully and reinstall retaining ring. After repeating procedures on the other shocks install 12 mm nut on the shaft extension with loctite all the way around on threads. Reinstall OEM shock washer and rubber bushing on both shocks.



- 4) Reinstall both shocks, using loctite on rear shock bolts, torque to OEM specs. Install bushing sleeve, bushing, shock washer and OEM nut. With 12 mm nut threaded all the way on and OEM nylock nut tighten measurement from shock cover to cross-member should be 9,5 mm longer than the first measurement, this will make the 2,5 cm lower than stock. Whatever length you go to be sure to do both shocks the same. Do not lower more than 5 cm from stock. After getting desired ride height remove from lift.