



Revision: 1.6 - 03/12/2014

Install Time: 1.5 Hours

LA-7590-04

Softail Adjustable Lowering Kit Instructions

For 2000+ HD Softail Models only

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Installing a lowering kit will decrease initial ground clearance. The motorcycle will be lower to the ground and care should be taken to avoid bottoming, especially over bumps or in turns. To maintain proper balanced geometry, the front and rear of the motorcycle should be lowered equally. Failure to properly install the lowering kit and operate the motorcycle after installation may result in serious injury or death to the rider.

#### INCLUDED IN THE KIT:

(2) Nylock Nut

(2) Lowering Studs

#### INSTRUCTIONS:

1. With a motorcycle jack or floor jack, lift enough weight off rear wheel only so that the existing shock absorbers can be removed with ease. Using your factory service manual follow the directions to remove both shock absorbers.
2. With a press, compress shock shaft and remove retaining ring. For safety reasons, be sure to use a screwdriver or similar tool to remove retaining ring. Once the ring has been removed, slowly relieve pressure on the shock and allow it to fully extend.
3. After removing the shock absorber from the press, remove the spring and cover.
4. Place 1 adjustable lowering kit in a vise with protective jaws. Thread the shock onto the adjustable lowering kit. Gripping the flats of the shock absorber shaft with an end wrench properly torque both parts to 30 ft lbs. (Use Loctite) Duplicate steps 2-4 on the other shock.
5. Install rear shock mount hardware for installation on the bike. Thread qty 1 hex-nylock 1/2 down each of the lowering shafts. Measure the length of each shock from the eye to the nylock on the lowering shaft to make sure they are even, if not adjust accordingly.
6. Install completed shocks from step 5 using the factory service manual that correspond with your bike. After all above steps are complete, final ride height can be adjusted by moving the nylock nut on the lowering kit. Outward will make the shock longer LOWERING the bike & moving the nylock nut inward makes the shock SHORTER, RAISING the bike.

**Note:** We recommend applying Loctite to all fasteners during installation.

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. LA Choppers bears no responsibility on installation costs associated with this product.

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