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## Harley-Davidson All Softail Twin Cam Rear Shock Lowering Kit 2000-2017

### Mounting instructions

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1. Check all clearances before, during and after installation.
2. Raise the rear of the motorcycle enough to take the weight off the shocks. Make sure motorcycle won't fall during all operations.
3. Take the rear shocks off the motorcycle following H-D factory service manuals.
4. Compress the spring using any special means you have in your shop (for example hydraulic press) 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.
5. After removing the shock absorber from the press, remove the spring and cover.
6. 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 (40 Nm). Use thread locker glue. Duplicate steps 4-6 on the other shock.
7. Install rear shock mount hardware for installation on the bike. Thread qty 1 nut 1/2 down each of the lowering shafts. Measure the length of each shock from the eye to the nut on the lowering shaft to make sure they are even, if not adjust accordingly.
8. Put the completed shocks absorbers from step 7 back to the motorcycle following the H-D factory service manuals. After all above steps are complete, final ride height can be adjusted by moving the nut on the lowering kit. Outward will make the shock longer LOWERING the bike & moving the nut inward makes the shock SHORTER, RAISING the bike.
9. After the installations make a test drive to be sure everything is working perfectly.

#### NOTE:

- Installation of this kit requires detailed knowledge of the motorcycle model and mechanics. It is assumed that the installer has access to the proper tools and a working knowledge of them and factory service manuals.
- When using this kit you must check all clearances. Overweight loads may cause the tire to hit inside of the fender.
- 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.
- This kit is designed to be used with OEM shock absorbers.
- After the installation check the proper motorcycle parking lean angle. Special kickstand may be required.

**Killer Custom assumes no responsibility or liability for damage or injury of any kind arising out of the use or misuse of any products.**

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