

V-Twin Mfg.
SHOCK LOWERING KIT, REAR, BLACK
FITS 1985-1996 FLT; LOWERS 1-1/2"
VT No. 54-0508

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Warning: Reducing the ride height on any motorcycle will create reduced cornering and ground clearance. The operator must use extreme caution when operating a modified motorcycle, particularly while familiarizing himself with its altered handling characteristics. After lowering, your sidestand may require bending. Check your motorcycle for proper parking lean angle.

The Low-Cruiser rear lowering kit lowers the rear of the FLH-FLT 1 1/2" without decreasing rear wheel travel. The "Low-Cruiser" kit includes bolt-on shock mounts that move back and down the swingarm shock mount location while using the stock air shocks.

Installation Instructions:

1. First, block up the motorcycle so rear wheel is slightly off the ground. Secure the machine so it won't fall over.
2. Next, remove the saddle-bags and set aside. Loosen the top and bottom shock bolts. Remove the bottom shock bolts on both sides and lower the wheel to the ground.
3. Remove the flat washers from the bottom bolts, they will be used on the lowering kit, Unscrew both chain adjuster nuts and remove the swing-arm end plates and set aside. Do not loosen the axle during this procedure.
4. The lower 1/2" studs are welded into each lowering bracket. Next, slip the lowering mount brackets over the rear wheel adjustment studs leaving the swingarm plates in place and screw the adjustment nuts back on the threads. Lightly snug-up the adjuster nuts.
5. Two sets of 1/2" x 1" bolts are supplied. Determine which thread (fine or coarse) your lower shock bolt is and install a 1/2" lock-washer on both bolts. Loctite and screw the 1/2" x 1" bolts into the swingarm shock mounts. Tighten the adjuster nut to position the lowering bracket on the swingarm then torque the 1/2" bolts to 40 Ft. Lbs. Make sure the bracket is positioned squarely on the rear of the swingarm.
6. Next, swing shock to new lower stud position, do not allow the shock to hang or put tension on plastic air lines. Tighten top shock bolts to factory specifications.
7. Raise rear wheel and attach bottom shock mounts to lowering bracket. Use nylock nuts and torque to 40 Ft. Lbs.
8. Recheck all mounting hardware. Check saddle bag and belt guard clearance in shock travel area. Remove the blocks under the motorcycle. Recheck the mounting hardware after operating the motorcycle.

Parts List:

- 1-Right Black Bracket
- 1-Left Black Bracket
- 2-1/2" x 20 x 1 Hex Bolt
- 2-1/2" x 13 x 1 Hex Bolt
- 2-1/2" Lock Washer
- 2-1/2" x 20 Nylock Nut

