

V-Twin MFG.

Lowering Instructions for 2000-04 XL Models

VT Part No. 54-0523 & 54-0541

This is a custom application and should only be installed by a knowledgeable and trained motorcycle technician

V-Twin Mfg. Excepts no responsibility for improper installation

WARNING: Lowering your motorcycle will reduce clearance and change the handling characteristics. This kit will lower the rear of the motorcycle 1" offering easier balancing for shorter riders. Shock lower mount position is moved back and lowered, utilizing stock or most after market shocks. Rear wheel travel is reduced 1/2" from stock. I

1. Support motorcycle so it is level and weight is off the rear wheel. Make sure motorcycle is well supported and will not fall over while you work on it.

2. Remove lower shock bolts. They will be reused later. Loosen upper shock nuts. Do not remove completely. Swing shocks rearward and tighten upper nuts temporarily. This will keep shocks out of the way when installing lowering brackets.

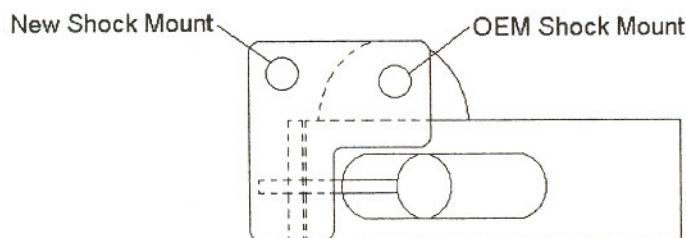
3. Remove the chain/belt adjuster, nuts, and plates. The *plates will not be re-used*. Place the lowering brackets on the swing arm, with the adjuster nut going through the side plate hole.

SPECIAL NOTE: On some model years it may be necessary to file or grind the swing arm to remove any excess weld where the factory welded the original shock mount tabs onto the swing arm. In some cases the weld will prevent the bracket from fitting correctly.

4. Install supplied bolts through lowering bracket and original shock mount. Thread original shock nuts to the new bolts and tighten them to 40 lb. of torque. Make sure bracket fits square on the end of swing arm. Then tighten adjuster nuts completely.

5. Loosen upper shock nuts and position lower shock eye with new mounting location. Motorcycle will need to be lowered, or swing arm raised, to align shock with new mount. Use original bolts with washers and supplied nylock nuts. Torque to 40 ft. lbs.

6. Lower motorcycle and check preload. Adjustment may be necessary for some people, depending on weight and ride preference (soft or stiff). See owners manual for procedure.



Right Side View