

WHITE BROTHERS

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WHITE BROS "LOW BOY" SHOCK LOWERING KIT FOR HARLEY-DAVIDSON SOFTAIL™ 1989↑

WB Part No. 28-205

1. Support the motorcycle so that it is level and the rear wheel is off the ground. Place the support far enough forward that you will have clear access to the shocks. Be sure that the motorcycle is well supported and will not fall over as you work on the shocks. A good idea would be to have someone assist with the installation of this kit.
 2. Remove the right side shock by unbolting both ends. Once the shock is removed, it will be necessary to disassemble it with the use of a press. Install the shock into the press as illustrated. It is only necessary to compress the shock approx $\frac{1}{2}$ inch to be able to remove the retaining clip, however, once the clip is removed the shock will extend approx 3 inches longer than stock before the spring pressure is relieved. So, when setting up the press, pump the ram down at least 3 inches before it engages the shock. Once the shock is compressed, pry up one end of the retaining clip and remove the clip.
 3. Remove the shock assembly from the press at this time. Slide the spring housing and spring off the shock body. Now you are ready to install the longer rod ends. Place a wrench on the locking nut and a rod through the rod end and unscrew it. Unscrew the spring plate and nut from the rod end and screw them directly onto the new White Bros rod end. Screw the new rod end onto the shock and secure it with the locknut. Torque to 25 to 30 Ft. Lbs.
- NOTE: The spring plate is used to adjust spring pressure. During assembly, screw the plate lightly against the rod end locking nut.
4. Replace the spring and housing onto the shock body. Place the shock back into the press for re-assembly. Carefully compress the shock assembly and replace the retaining clip.
 5. Before this shock can be re-fitted onto your Harley, the other shock must be loosened. Support the rear wheel while the bolts are being removed. Reinstall the newly lengthened shock.

NOTE:

When reinstalling the shock mounting bolts, use blue Loc-tite and torque them to factory specs 115 to 130 Ft. Lbs.

WARNING: Lowering your motorcycle will reduce clearance. This modification is installed for custom motorcycles. It is not intended for motorcycles ridden on the streets or highways.