



Installation Instructions

REAR LOWERING KIT FOR HARLEY-DAVIDSON FXD/FXDWG MODELS 1991-1999

PARTS INCLUDED



PART NUMBER

B28-282

WARNINGS & ALERTS

- For proper installation, the rear wheel and shock springs must be removed. If you do not have access to a stand capable of safely supporting/lifting the motorcycle so that the wheel can be removed, as well as a tool capable of removing/replacing the shock spring, please allow your dealer to assist you.
- DO NOT install on models other than FXD & FXDWG - Will not fit FXD Convertibles w/ OEM saddlebags.
- This kit is designed to work with Harley-Davidson OEM shocks (12.5"), swingarm, frame, and OEM tire size. DO NOT USE WITH LOWERED SHOCKS!!!
- The operator must use extreme caution when operating a modified motorcycle, particularly while familiarizing himself with its altered handling characteristics.
- Check your motorcycle for proper parking lean angle AFTER installation of this kit. Your sidestand may require modification.
- Follow all instructions to achieve proper clearance.
- Owners of any model using a lowering kit with saddlebags (hard or soft) must check for sufficient shock-to-bag clearance. Some models may require modifications to the bag mounts when the lowering kit is installed.
- Enclosed sticker must be applied to a visible area of any motorcycle on which the Burly Brand lowering kit has been installed in order to inform potential riders that the bike has been modified.

INSTALLATION INSTRUCTIONS

- Read all the instructions carefully before installing this kit on your motorcycle. Use your Harley-Davidson manual as a reference while installing this kit.
- Support and lift the motorcycle securely so the rear wheel is just off the ground and able to spin with light brake drag. The balance point is between the engine and transmission.
- Remove rear exhaust muffler to gain access to axle/axle nut. Remove drive belt guard. Remove rear wheel and slide brake caliper assembly off swingarm.
- Remove shocks. Install 3/4" Travel Limiters following the guidelines below. Refer to drawing as for assistance. (See page two*)
 - a) To remove shock springs, compress spring & remove spring retainer that holds & locates spring on shock.
 - b) Twisting the snap ring slightly, slip the snap ring onto shock shaft between shock body and rubber bumper.
 - c) Install travel limiter halves onto shock shaft. Using snap ring pliers, install snap ring into groove of travel limiter.
 - d) Re-install shock springs.*
- Install Lowering Kit Bracket to the right side of swingarm, through hole in stock shock mount. Use 1/2"-20x1.25" long bolt (provided) from backside of swingarm mount. secure with 1/2"-20 Nylock nut (provided). Torque to 30 foot pounds. Repeat process on the left side Lowering Kit Bracket.
- Place 1/2"-20x3" bolt (provided) in **right** side Lowering Kit Bracket hole (this bolt is for new shock position). Place 1/2"-20x2.5" bolt (provided) in **left** side Lowering Kit Bracket hole (this bolt is for new shock position).
- Remove the right side upper shock stud. Install the remaining 1/4" spacer (provided) and remount the stud. The right shock mount requires this spacer for proper alignment.
- Re-install both modified shocks onto their new mounting positions (stock Acorn nuts and washers are retained on lower mounts). Torque top/bottom nuts/bolts to 25 foot pounds.
- Re-install rear wheel & brake caliper assembly. Refer to Harley manual for proper belt alignment and axle/nut torque.
- Install belt guard, being sure to check for proper clearance at fender to belt guard. Trim belt guard if necessary.

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LIMITED GUARANTEE

We continually inspect and try to improve our products. All parts have been inspected prior to packaging, and our guarantee is limited to replacement of defective parts. This guarantee is in lieu of all guarantees or warranties implied or expressed. Because we cannot control the application of our products, buyer assumes risks for any and all damage caused by himself or third party, by virtue of failure of these parts. We make no warranty as to products distributed by us, expressed or implied, including without limitation any warranties or merchant ability and fitness for a particular purpose. We will however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties. The manufacturer shall solely be responsible for any damage to person or property arising from design, manufacturing and testing of all products, and we accept no liability for such damages. We shall not be liable for indirect or consequential damages.



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FXD/FXDWG MODELS 1991-1999

INSTALLATION INSTRUCTIONS

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Warning !!!

This kit is designed for use with the stock size tire and stock length (12.5") shocks. Fender to tire clearance will be reduced if a larger tire or shorter shock is used.

* While the springs are removed from the shocks, it's a good idea to check the tire to fender clearance, brake caliper to fender clearance, belt guard to fender clearance by temporarily installing the springless shocks (with travel limiter installed) onto the bike and swing the rear wheel through it's full range of motion. Be sure to take into consideration bumper compression and chassis flex (yes, it does flex).

