

PART NUMBER **28-42007**



HARLEY -DAVIDSON® FLH / FLT 1" LOWERING KIT

WARNINGS & ALERTS

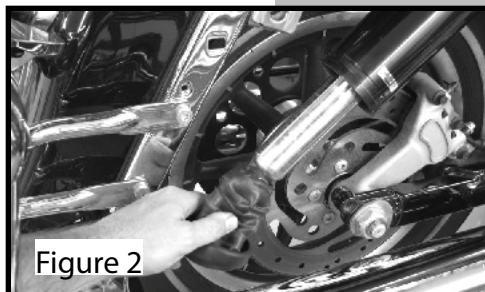
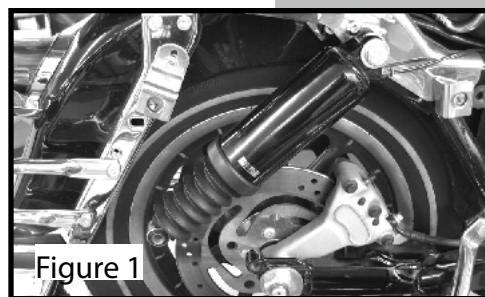
- DO NOT INSTALL ON FLHX OR FLHRS MODELS.
- Saddlebag modifications are necessary for installation on FLHRC Models
- This kit is designed to accept Harley-Davidson OEM shocks and OEM tire size ONLY. DO NOT USE WITH LOWERED SHOCKS!!!
- The operator must use extreme caution when operating a modified motorcycle, 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 bending. Burly Brand recommends White Brothers part #12-103 to change the angle of the entire sidestand assembly.
- 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.

TOOLS REQUIRED

- 1200 lb. Capacity Lift
- 3/4" Wrench
- 3/4" Socket & ratchet
- ft. / lb. Torque wrench
- Thread locking compound (Loctite® 243)

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 the saddlebags and store in a secure place while working.
- Loosen the upper shock bolts. Remove the lower shock bolt and washers. Save these parts as they will be re-used with this kit.
- At this point it is helpful to tilt the shocks up and back then retighten the upper shock bolts (Figure 1).
- Slide the rubber boots off the shocks, they will not be re-used. The easiest way is to roll them inside out as they go over the bottom eyelet (Figure 2).
- Using the Thread locking compound and supplied 1/2" x 1-1/2" Hex bolts and locking washers install the lowering brackets to the outside of the swingarm at the shock mount boss (Figure 3).
- Please note that each kit comes with a left and right bracket.
- Loosen the top shock mounts again and lower the motorcycle approximately 1" to align the right shock to the new mount location.



- Using the Thread locking compound re-install the stock bolt and washers, but do not fully tighten (Figure 4).
- Repeat procedure on the left side shock.
- Remove motorcycle from lift and tighten all three bolts to 35 ft./lbs using a torque wrench.
- Re-install the saddlebags with caution. This kit places the shocks further back and closer to the bags. You may encounter clearance problems when re-installing the bags. Check for a minimum of 1/4" clearance to prevent damage to the bags. Measure clearance in the recessed area in the backside of bags where the shock sits. THE BAGS MUST INSTALL WITHOUT UNDO FORCE.
- If more clearance is required two suggested options are as follows:
- Place washers between the mounting points where the bags attach to the rails. This will move the bags slightly outwards and away from the shock bodies.
- Slot and/or space the saddlebag rail/frame cage mounting holes to allow the entire frame assembly to be moved out slightly away from the shock bodies. You should use this modification ONLY as a

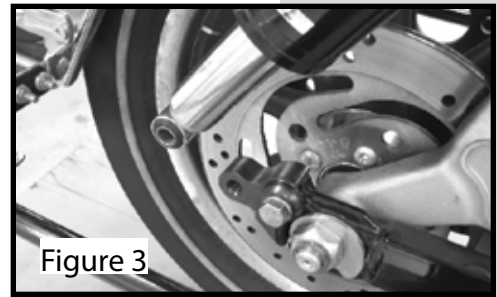
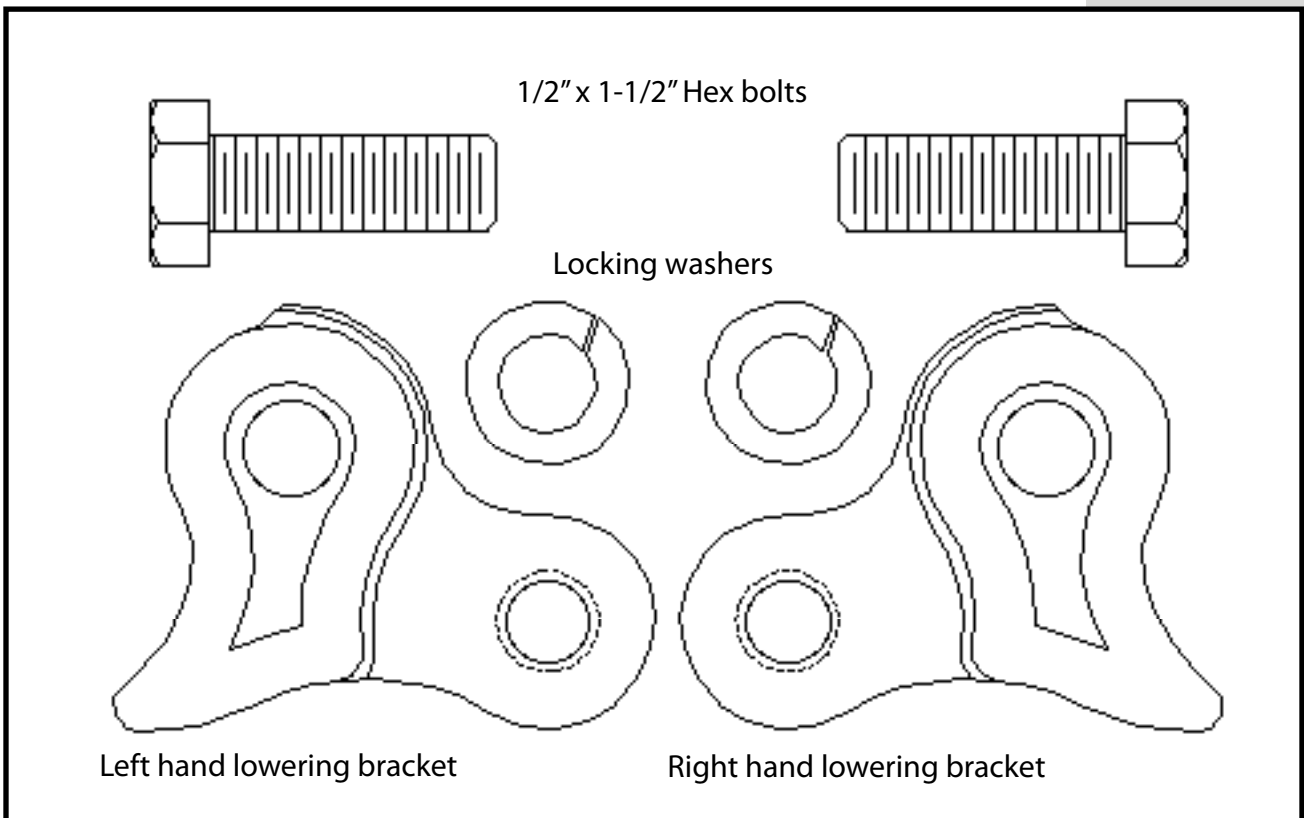


Figure 3



Figure 4

Parts list



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.