

## INSTALLATION INSTRUCTIONS

### BURLY SHOCKS - SPORTSTER MODELS



#### Kit Contents

##### QTY DESCRIPTION

2	Shock Absorbers
4	Shouldered Sleeves
4	Shock Mounting Spacers
1	Spanner Wrench
2	Warning Decals
1	Lube Packet

## 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 can not control the application of our products, the buyer assumes risks for any and all damage caused by themselves or any 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 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.

# INSTALLATION INSTRUCTIONS

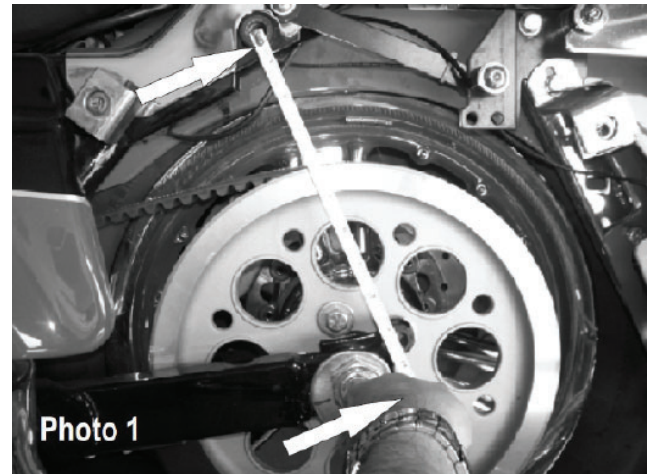
## BURLY SHOCKS - SPORTSTER MODELS

### WARNINGS & ALERTS:

- DO NOT INSTALL IN CONJUNCTION WITH ANY OTHER REAR LOWERING KIT OR COMPONENT !
- THE OPERATOR MUST USE EXTREME CAUTION WHEN OPERATING A MODIFIED MOTORCYCLE, PARTICULARLY WHILE GETTING FAMILIAR WITH ITS ALTERED HANDLING CHARACTERISTICS.
- CHECK YOUR MOTORCYCLE FOR PROPER PARKING LEAN ANGLE AFTER INSTALLATION OF THIS KIT. YOUR SIDE STAND MAY REQUIRE MODIFICATION.
- READ AND FOLLOW ALL INSTRUCTIONS TO PROPERLY INSTALL THIS KIT.
- MAKE SURE PROPER SLEEVES AND SPACERS ARE INSTALLED WITH THE SHOCKS. IMPROPER INSTALLATION CAN CAUSE UNSATISFACTORY AND / OR UNSAFE OPERATION.
- ENCLOSED WARNING DECALS 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.

1. Read all the instructions carefully before installing this kit on your motorcycle. Use your Harley-Davidson manual as a reference while installing this kit.
2. 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.
3. Remove any accessories necessary to gain access to the rear shocks.
4. Remove the stock shocks by removing the lower and upper shock bolts and washers. Save the bolts and washers as they will be re-used with this kit.
5. If your bike is currently equipped with a "Bracket" Style lowering kit, such as a Burly Brand or other, You **MUST** remove that kit before installing this shock kit.
6. With the stock shocks removed and prior to installing your new Burly Shocks, move the rear wheel vertically until you feel contact between tire / fender or belt, belt guard / frame or fender or contact between any other accessory / frame, swing arm, tire etc. With the Rear wheel held in this "Point of Contact" position, measure the distance between the center of the upper shock mount and the center of the lower shock mount. Indicated by the arrows shown in Photo 1. This measurement **MUST** be Equal to or less

than **9"** for 1988-2003 Sportsters or **9.5"** for 2004-Later Sportsters Double check your measurement to insure proper clearance.



**WARNING - DO NOT** complete the installation of your Slammer Plus Shocks until you have corrected **ANY** interference to achieve proper clearance. *Failure to do so can result in damage to your bike and lead to loss of control and injury!*

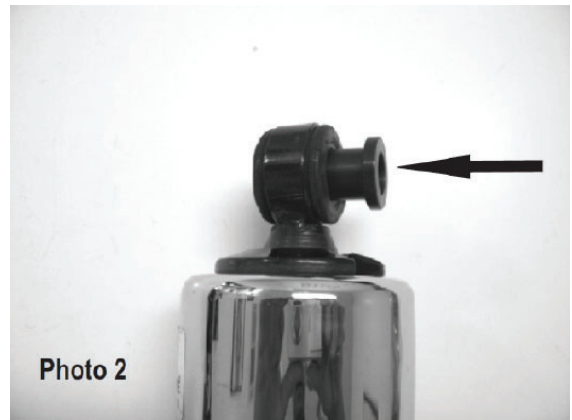
7. These shocks are designed to operate with the shock shaft up. Poor performance and damage to the shocks may occur if installed with the shock shaft down.



# INSTALLATION INSTRUCTIONS

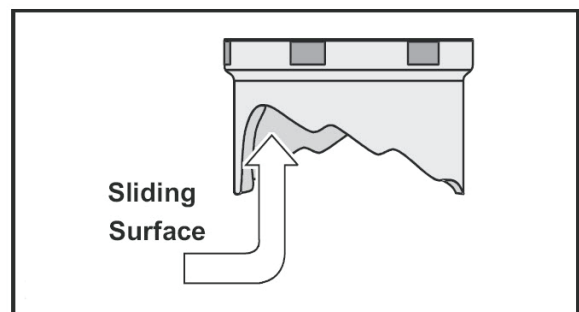
## BURLY SHOCKS - SPORTSTER MODELS

8. Install 1 shouldered sleeve into each shock eye. The shock must be mounted with the shoulder to the inside, between the frame or swing arm and the shock eye. (Photo 2)
9. If additional clearance is needed between the shock and the bike, place the included spacers between the shoulder and the bike. (Photo 3)
10. With the sleeves and spacers mentioned above, install the new Burly shocks on each side of the bike using the nuts, bolts and washers you removed with the stock shocks earlier. Be sure to apply thread locking compound to the bolts, but don't tighten them yet.
11. Remove motorcycle from lift and tighten all of the shock mounting bolts to 35 ft./lbs using a torque wrench.
12. Re-install any accessories removed earlier in accordance to the manufacturers installation instructions. Be sure they do not interfere with the operation of the shock absorbers in any way through their full range of movement.



### FINE TUNING

Rear ride height can be adjusted by turning the adjusting cam to a higher setting. This is also used to stiffen the shock if excessive bottoming occurs while riding the bike. Apply a small amount of the provided lubricant to the sliding surface of the cam and use the spanner wrench to rotate the cam.



The operator must use extreme caution when operating a modified motorcycle, particularly while getting familiar with its altered handling characteristics.

