

# INSTALLATION INSTRUCTIONS STILETTO SHOCKS - HONDA REBEL 300 / 500

#### KIT CONTENTS





QTY	DESCRIPTION		
2	STILETTO SHOCKS		
1	SPANNER WRENCH		
1	LUBE PACKET		
4	HARDWARE STEEL SLEEVES		
1	DECAL SHEET (not shown)		



### LIMITED GUARANTEE

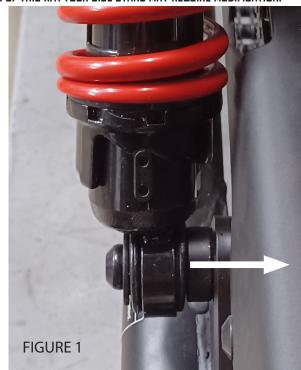
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# INSTALLATION INSTRUCTIONS

## STILETTO SHOCKS - HONDA REBEL 300 / 500

#### **WARNINGS & ALERTS:**

- READ AND FOLLOW ALL INSTRUCTIONS TO PROPERLY INSTALL THIS KIT.
- DO NOT INSTALL IN CONJUNCTION WITH ANY REAR LOWERING KIT OR COMPONENT.
- IMPROPER INSTALLATION CAN CAUSE UNSATISFACTORY AND/OR UNSAFE OPERATION.
- 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 all the instructions carefully before installing this kit on your motorcycle. Use your Honda service 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.
- 3. Remove any accessories necessary to gain access to the rear shocks.
- 4. Remove the lower and upper shock bolts and washers. Save the bolts and washers as they will be re-used. Remove the shocks.
- 5. 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.
- 6. When installing your new Stiletto Shocks, take note of the lower shock mounting eye. The eye is offset. Mount the Stiletto Shocks so that the offset eye is toward the inside of the bike as shown in figure 1.
- 7. Raise the bike to allow for the new longer shocks to be installed. Insert one steel sleeve into each shock eye bushing (figure 2). Install the new shocks on each side of the bike. Loosely thread OEM bolts and washers through mounting eyelets.
- 8. Remove motorcycle from lift and tighten shock mounting bolts as specified in your Honda service manual (top = 6.6 ft/lbs, bottom = 15 ft/lbs)
- 9. Re-install accessories removed earlier in accordance to the manufacturers installation instructions. Be





sure they do not interfere with your Stiletto shocks.

10. Install the included Burly Brand decals on the 11. shock top covers or wherever you like!



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NOTES:

#### **SET YOUR SAG**

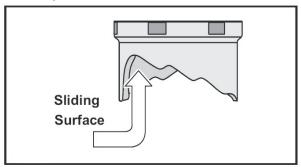
The proper spring pre-load setting will permit the rear suspension to sag, or compress, approximately 1/3rd of the total available wheel travel from full extension.

With the shocks installed and the full weight of the rider(s) & gear on the bike as it will be ridden, measure the distance between the upper and lower shock mounts (center to center). If your measurement is less than the indicated Target Ride Length, increase the spring pre-load. If your measurement is more than the indicated Target Ride Length, reduce the spring pre-load.

B28-1255 Target Ride Length is 11.53".

#### **FINE TUNING**

Your Stiletto shocks are designed for your bike to sit taller than with your stock shocks - Rear suspension sag 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, as illustrated below, 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.

Complete the suspension upgrade for your Honda Rebel with a set of Burly Brand fork springs!