

BURNOUT CYCLES, LLC.

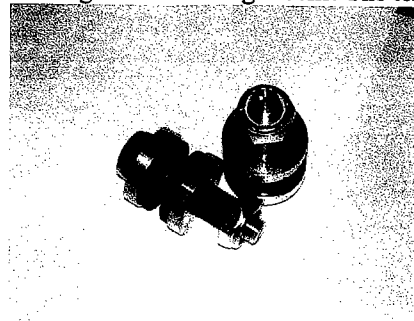
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Softail Lowering Kit Instructions(Patent Pending).

Read all instructions completely, if you have any questions do not hesitate to call our customer service department. This kit is designed and intended for fitment on Original Equipment Harley Davidson Softail Shocks. If you do not have proper tools and equipment to perform this work, take it to your trusted dealer. If you have any questions, please contact us. Your Burnout Cycles lowering kit is black oxide coated, they are then coated with a wax that aids in corrosion resistance. This wax sometimes leaves a brown coating on the parts, be assured it is ok and it is normal.

- 1) First start by placing motorcycle on secure lift to unweighten the rear wheel and gain access to the rear suspension. Remove the rear shocks per your owners manual.
- 2) With OEM shocks removed from the motorcycle, begin by removing all of the stock OEM bushings/washers/etc.
- 3) With your new Burnout Cycles kit, remove the loose adjusting nut, one cup washer and one bushing, leaving the other bushing, cup washer, and nut on the kit.
- 4) Using liberal amounts of loctite applied to the threads of the stock OEM mounting shaft, screw the Burnout Cycles kit onto the stock shock. Be sure to thread it all the way down until it bottoms out onto the shoulder of the stock shock.
- 5) With the kit completely bottomed out onto the stock shock mounting post, thread the locking screw into the end of the new Burnout Cycles lowering kit until it bottoms out. Torque to 20-25 ft. lbs. Do Not over tighten.
- 6) Now it's time to slide the shock up under the motorcycle and into the frame, inserting the post into the frame mounting point first. Because our kit is slightly longer than the stock assembly you may need to slide the shock to one side to get it to clear the rear frame cross member. Now, install the new bushing, cup washer, and nut onto the shock, do not tighten at this time.
Note; because we use high grade nylock adjusting nuts, they are very hard to turn, especially when new, however we feel that the added safety is worth the extra effort
- 7) Now install the rear shock mounting bolt and torque to factory specs, we recommend using loctite here as well.
- 8) Now it is time to set your ride height, by adjusting the position of the nuts on the Burnout Cycles kit you can achieve the desired ride height of your motorcycle, down as low as 2.25" under stock height. First adjust the front nut to your desired ride height and then tighten the rear adjusting nut, because we use self-locking Nylock hardware there is no need to over tighten, they will not come loose, just enough to secure the mount with no play in the bushings. The leverage ratio (wheel vs. shock) is approximately 3 to 1, so ½" at the shock is equal to about 1 ½" adjustment at the wheel. Note; the further away the mounting bushings from the shocks the lower the motorcycle. Be sure that the front adjusting nut is completely threaded onto the mounting post.
- 9) We also recommend properly setting spring preload per your weight or riding style.
- 10) Remember when lowering a motorcycle the handling will be affected, reduced cornering clearance and reduced wheel travel, care should be taken. Go slower through bumps and dips as well as around corners.
- 11) Ride safe and have fun.

Warranty; Burnout Cycles, LLC warrant it's products to be free of manufacturer defects for the term of one year from date of purchase, original receipt required. This warranty only covers product installed on correct application OE Harley Davidson Softail style frames and shocks. It does not cover improperly installed products or product installed by unqualified mechanics. This warranty only covers the product itself, it does not cover down time or the labor involved in removal or replacement of the product. It does not cover improperly used or cases of abuse. Burnout Cycles does not recommend use of this kit in conjunction with any other type of lowering kit or lowering blocks. The terms; Harley Davidson,



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