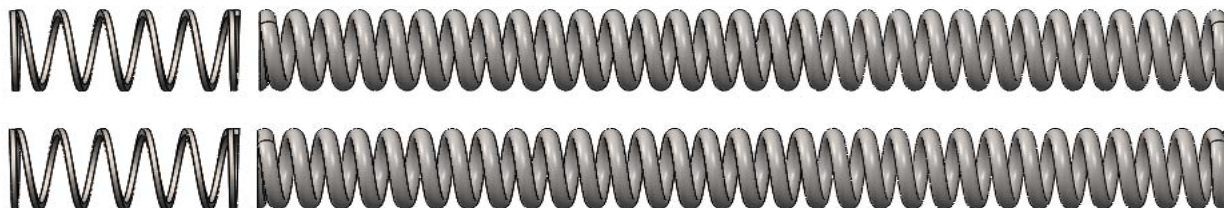




INSTALLATION INSTRUCTIONS

SLAMMER FORK KIT FOR 2018 & LATER* FLSB, FXFB, FXFBS & FXLRS

PARTS INCLUDED:



RECOMMENDED TOOLS

FORK OIL LEVEL ADJUSTER

*HD-41177 FORK TUBE HOLDER OR EQUIVALENT

*HD-45966 FORK SPRING COMPRESSOR TOOL OR EQUIVALENT

*HD-47852 INNER FORK NUT REMOVER / INSTALLER TOOL OR EQUIVALENT

(*HD PART NUMBERS SHOWN ARE FOR HARLEY-DAVIDSON FACTORY TOOLS)

IMPORTANT NOTICE

REMOVING AND REPLACING FORK SPRINGS MUST BE PERFORMED BY A QUALIFIED MECHANIC & ACCORDING TO STEPS OUTLINED IN A PROFESSIONAL WORKSHOP MANUAL THAT RELATES TO YOUR PARTICULAR MAKE, MODEL & YEAR MOTORCYCLE. THE VEHICLE MUST BE SECURELY BLOCKED TO PREVENT IT FROM DROPPING OR TIPPING WHEN THE FORKS/FORK SPRINGS ARE REMOVED. FAILURE TO DO SO CAN CAUSE SERIOUS DAMAGE AND/OR INJURY. BURLY BRAND FORK SPRINGS ARE DESIGNED TO WORK WITH THE OEM (ORIGINAL EQUIPMENT) FORKS. USE OF THIS PRODUCT ON ANY FORKS OTHER THAN OEM MAY PRODUCE AN UNSATISFACTORY RIDE & VOID THE WARRANTY.

WARNINGS & ALERTS

- LOWERING THE CHASSIS AND/OR SUSPENSION ON ANY VEHICLE WILL CHANGE THE HANDLING CHARACTERISTICS AND LEAN ANGLE OF THAT VEHICLE. CARE SHOULD BE TAKEN WHEN OPERATING THE VEHICLE WITH SUCH MODIFICATIONS WHILE GETTING ACCUSTOMED TO THE NEW HANDLING CHARACTERISTICS.
- WHILE THE INSTALLATION OF THIS KIT WILL NOT CHANGE THE COMPRESSED LENGTH OF THE FRONT FORKS, WE HAVE FOUND THAT SOME BIKES MAY NOT HAVE ADEQUATE CLEARANCE BETWEEN THE FENDER, FAIRING AND / OR ACCESSORIES. SO WE RECOMMEND WITH THE FORK SPRINGS REMOVED FROM BOTH FORKS, REINSTALL THE FORKS, FENDER, WHEEL AND ANYTHING ELSE YOU MAY HAVE REMOVED AND LIFT THE FRONT FORKS, OR LOWER THE BIKE TO FULLY COMPRESS THE FRONT FORKS. TURN THE HANDLEBARS BACK AND FORTH, LOCK TO LOCK WHILE CHECKING FOR ADEQUATE CLEARANCE BETWEEN THE TIRE, FENDER, FAIRING, CRASH BAR, ACCESSORIES ETC. YOU MUST CORRECT ANY CLEARANCE ISSUES PRIOR TO INSTALLING THIS KIT TO AVOID VEHICLE CONTROL PROBLEMS AND / OR DAMAGE.

Harley-Davidson is a registered trademark of the Harley-Davidson Motor Company Inc., Milwaukee, WI

*This instruction is appropriate for the models noted; However, you must confirm you have the correct kit part number for your specific bike by contacting Burly Brand

INSTALLATION INSTRUCTIONS

SLAMMER FORK KIT FOR 2018 & LATER* FLSB, FXFB, FXFBS & FXLRS

READ ALL THE INSTRUCTIONS CAREFULLY BEFORE INSTALLING THIS KIT ON YOUR MOTORCYCLE. USE YOUR FACTORY AUTHORIZED SERVICE MANUAL AS A REFERENCE WHILE INSTALLING THIS KIT.

NOTE:

This kit provides for either 1" or 2" lower front ride height - pay close attention to the following steps that pertain to your preferred ride height configuration. Also note that the left and right forks have different internals in these models.

1. Support and lift the motorcycle securely so the front wheel is off the ground. The balance point is toward the front of the engine.

WARNING!

ONCE THE FORK CAPS HAVE BEEN FULLY UNSCREWED FROM THE FORKS, CAREFULLY LOWER THE BIKE TO COMPRESS THE FORKS TO GAIN ACCESS TO THE FORK CAP LOCK NUTS.**THE INNER FORK BOLT (RIGHT FORK) IS UNDER SPRING PRESSURE - HAVE A FIRM GRASP AS YOU REMOVE IT.

2. Remove the fork caps.
3. Remove the OEM bumper seat, **inner fork bolt, joint rod, fork spacer, washer & spring from the right fork, and the OEM bumper seat, stopper, spacer assembly & spring from the left fork according to instructions contained in your factory service manual. The Burly Brand Slammer Fork Kit is a direct replacement of your OEM springs.

NOTE:

For maximum performance we highly recommend that the forks be disassembled and thoroughly cleaned, inspected and new Type E fork oil installed.

4. Before installing the new springs, it is crucial that you make sure you've installed the proper fork oil and the oil level is correct. We recommend Type E (10wt) fork oil. To check the oil level properly you must have the springs and spacers removed, cycle the forks & cartridge several times to purge any trapped air and then completely compress the forks & cartridge. You then measure from the top of the fork tube to the oil level. Add/remove oil to achieve measurements. **For 1" low configuration (BOTH FORKS- 132mm) For 2" low configuration (BOTH FORKS- 122mm)**

WARNING!

NEVER ADD TOO MUCH OIL RESULTING IN A MEASUREMENT LESS THAN 132MM IN EACH FORK WITH A 1" LOW CONFIGURATION OR 122MM IN EACH FORK WITH A 2" LOW CONFIGURATION WHEN USING THIS SPRING KIT!



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SLAMMER FORK KIT FOR 2018 & LATER* FLSB, FXFB, FXFBS, & FXLRS

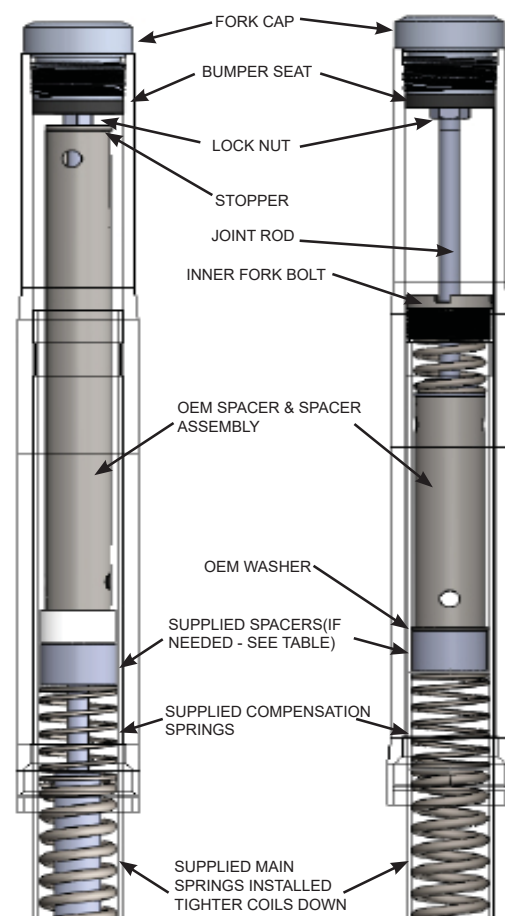
- After confirming the fork oil level in the left fork for your chosen configuration, Install a Burly Brand main spring with the tighter wound coils down. Then place a Burly Brand compensation spring on top of the main spring. Referring to table 1 for recommended spacer length for your chosen configuration, install the included spacer (cut to the length indicated in the application supplement if needed), reinstall the OEM spacer assembly, stopper & bumper seat. Reinstall the fork cap (torque lock nut to 13-16 ft lbs)
- After confirming the fork oil level in the right fork for your chosen configuration, Install a Burly Brand main spring with the tighter wound coils down. Then place a Burly Brand compensation spring on top of the main spring. Referring to table 1 for recommended spacer length for your chosen configuration, install the included spacer (cut to the length indicated in the application supplement if needed), reinstall the OEM washer, spacer, joint rod, inner fork bolt (torque to 63-89 ft lbs) & bumper seat. Reinstall the fork cap (torque lock nut to 13-16 ft lbs)
- Torque the fork caps back into the forks (22-30 ft lbs) and reinstall the forks and any other components previously removed per a factory authorized service manual. Remove motorcycle from lift and recheck all fasteners for proper tightness per your factory authorized manual.

Model	From	To	Spacer Length (in)
FLSB	2018	2022	1.0(-1)/0.0(-2)
FXFB	2018	2020	1.0(-1)/0.0(-2)
FXFBS	2018	2022	1.0(-1)/0.0(-2)
FXLRS	2020	2022	1.0(-1)/0.0(-2)
FXLRST	2022	2022	1.0(-1)/0.0(-2)

TABLE 1

FINE TUNING

FORK OIL: Though we recommend using Type E (10wt) fork oil, oil viscosity can be changed to alter damping. Heavier oil to increase damping. Lighter oil to decrease damping. Change in 5 weight increments (i.e. from 10wt to 15wt). Oil viscosity will have more effect on rebound damping than compression damping, too high a viscosity can create harshness on sharp edge bumps. The oil level also affects the ride, too high an oil level and the forks will feel too stiff, too low an oil level and the bike will bottom and feel soft or dive excessively. As stated previously, when using this spring kit NEVER adjust the fork oil level to produce a measurement of less than 132mm in each fork with a 1" low configuration or less than 122mm in each fork with a 2" low configuration- measured with fork springs & spacers removed, forks & cartridge compressed, from the top of the fork tube- or damage will occur.



LEFT FORK SHOWN
WITH SPACER IN-
STALLED FOR 1" LOW
CONFIGURATION

RIGHT FORK SHOWN
WITH SPACER IN-
STALLED FOR 1" LOW
CONFIGURATION



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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 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.

