



INSTALLATION INSTRUCTIONS

Heavy Duty Fork Spring Kit
Harley-Davidson™ DynaGlide®

ATTENTION!

Statements in these instructions that are preceded by the following words are of special significance:



This symbol means there is the possibility of injury to yourself or others.



This symbol means there is the possibility of damage to the vehicle.

Note:

Information of particular importance has been placed in italics.



Changing the chassis and / or suspension on any vehicle will change the handling characteristic of that vehicle. Care should be taken when operating the vehicle with such modifications while getting accustomed to the new handling characteristics.

IMPORTANT NOTICE

Caution: Removing and replacing fork springs must be performed by a qualified mechanic or according to steps outlined in a professional workshop manual that relates to your particular make, model and year motorcycle.

The vehicle must be securely blocked to prevent it from dropping or tipping when the fork springs are removed. Failure to do so can cause serious damage and /or injury.

Progressive Suspension 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 and void the warranty.

INSTALLATION

- Read all the instructions carefully before installing this kit on your motorcycle. Use a factory authorized service manual as a reference while installing this kit.
- Support and lift the motorcycle securely so the front wheel is off the ground. The balance point is towards the front of the engine.
- Remove fork springs according to instructions contained in your factory authorized shop manual.

LIFETIME LIMITED WARRANTY

Progressive Suspension warrants to the original purchaser this part to be free of manufacturing defects in materials and workmanship with a lifetime limited warranty. In the event warranty service is required, you must call Progressive Suspension immediately with a description of the problem.

If it is deemed necessary for Progressive Suspension to make an evaluation to determine whether the part is defective, a return authorization number will be given by Progressive Suspension. The parts must be packaged properly so as to not cause further damage and returned prepaid to Progressive Suspension with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem. If after the evaluation by Progressive Suspension the part was found to be defective it will be repaired or replaced at no cost to you. If we replace it, we may replace it with a reconditioned one of the same design.

Progressive Suspension shall not be held liable for any consequential or incidental damages resulting from the failure of a Progressive Suspension part. Progressive Suspension shall have no obligation if a part becomes defective as a result of improper installation or abuse.



TECH: 714.523.8700

WWW.PROGRESSIVESUSPENSION.COM



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NOTE:

For maximum performance we highly recommend that the forks be disassembled and thoroughly cleaned, inspected and new fork oil installed. - we recommend a 15wt. fork fluid. See Fine Tuning for more information. Fork oil level should be measured with the forks spring(s) removed and the fork completely compressed. The measurement from the top edge of the fork tube to the fluid level should be 150mm.

INSTALLATION (continued)

- The Progressive Suspension fork spring kit is a direct replacement of your stock springs. You will use the supplied preload spacers.
- Before installing the new springs, it is crucial that you make sure you've installed the proper fluid and the fluid level is correct. We recommend a 15wt. fluid. To check the fluid level properly you must have the springs and spacers removed and the fork completely compressed. You then measure from the top of the fork tube to the fluid level - the recommended measurement is 150mm. Add or remove fluid to achieve this measurement.



NEVER ADD TOO MUCH OR TOO LITTLE FLUID RESULTING IN A MEASUREMENT LESS THAN 130mm OR MORE THAN 250mm WHEN USING THIS SPRING KIT.

- Preload spacer length - before going any further make sure you have the proper preload spacer lengths ready to install in your forks. Look for your model and year on the supplemental insert included with this kit, and install the length recommended for it. You may have to cut and reuse your stock spacers depending upon the model.
- In each fork leg, install one of the Progressive Suspension fork springs - tighter coils down - into the fork. Then install one of the stock washers followed by one of the preload spacers (cut to recommended length), and all other stock components in the reverse order they came apart - essentially replacing only the stock springs and preload spacers with the supplied Progressive Suspension ones (see page 3 illustration).
- Reinstall the fork cap being certain to torque it to the proper specification per a factory authorized manual. Reinstall fork, fender, wheel, and all other components per a factory authorized service manual. Remove motorcycle from lift and recheck all fasteners for proper tightness per your factory authorized manual.





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- Technical info: Our technical staff will assist you if you have any problems or questions. Call (714) 523-8700 from 8am to 4pm Pacific time.
- The operator must use extreme caution when operating a modified motorcycle, particularly while getting familiar with its altered handling characteristics and ground clearance.

FINE TUNING

Fork Oil: Though we recommend using a 15wt.fork fluid, oil viscosity can be changed to alter damping; heavier oil can be used to increase damping. and lighter oil to decrease damping. Increase in 2.5 weight increments (i.e. from 2.5 weight to 5 weight.). 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; to low an oil height and the bike will bottom and feel soft or it can dive excessively. Make oil level adjustments in 10mm increments, but as stated previously, when using this kit - **NEVER adjust the fork oil to produce a measurement of less than 130mm or more than 250mm (measured with fork springs removed, fork compressed and from the top of the fork tube) or damage will occur.**

