



ASSEMBLY INSTRUCTIONS

HARLEY-DAVIDSON SOFTAIL
REAR SHOCK LOWERING KIT 2018-2024

LK-ST-18-20

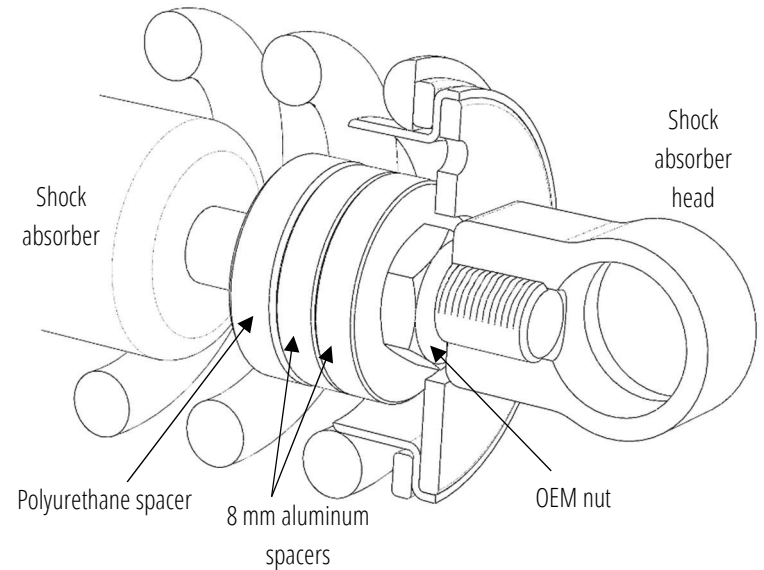


For questions pertaining to the installation of this product, please contact our Killer Custom technical department at info@killercustom.com. This product is manufactured in Europe by Killer Custom

NOTE: Killer Custom assumes no responsibility or liability for damage or injury of any kind arising out of the use or misuse of any products.

1. Check all clearances before, during and after installation.
2. Raise the rear of the motorcycle enough to take the weight off the shock. The rear tire must remain on the ground. Make sure motorcycle won't fall during all operations.
3. Remove seat, battery cover and frame crossmember. Take the rear shock off the bike following H-D factory service manuals.
4. Compress the spring using any special means you have in your shop (for example hydraulic press) and remove OEM shock head.
5. In case you are using the OEM fender you just need to replace the OEM shock head with the included new one.

6. If you are using one of the Killer Custom fenders, in addition you need to replace the OEM damper with the included polyurethane one and put two aluminum 8 mm spacers as shown on the figure below.



7. **Use thread locker glue for all threaded connections.** Tighten combination you have chosen, then carefully relieve the spring.
8. Put the OEM grommet into the bearing of the new head. Put the shock absorber back to the motorcycle following the H-D factory service manuals.
9. Put frame crossmember, battery cover and seat back. Lower the motorcycle.
10. After the successful installation of the lowering kit on your motorcycle, please be aware that the parking lean angle of the bike will be altered. To ensure stability and safety while parked, it is necessary to mount the included spacer between the frame and the kickstand. Ensure that the kickstand is securely positioned on the spacer and that it provides adequate support for the motorcycle when parked. Test the parking lean angle of the motorcycle to ensure that it is stable and secure.
11. After the installation make a test drive to be sure everything is working perfectly.

NOTE:

- Installation of this kit requires detailed knowledge of the motorcycle model and mechanics. It is assumed that the installer has access to the proper tools and a working knowledge of them and factory service manuals.
- When using this kit you must check all clearances. Overweight loads may cause the tire to hit inside of the fender.
- This kit is designed to be used with OEM shock absorbers and will lower your motorcycle by approximately 15 mm (5/8").

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