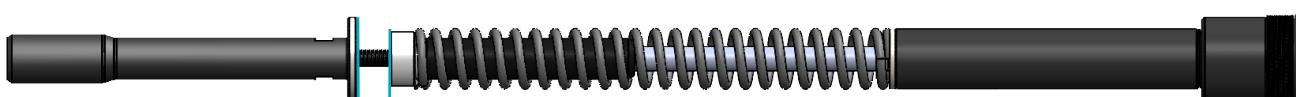


PRELOAD SETTING CHART

RIDER WEIGHT (EXCLUDES PASSENGER & LUGGAGE WEIGHT)	KIT NUMBER	PRELOAD MEASUREMENT
UP TO 180 LBS	0414-0752 14-23 FLH 49MM	1/4"
180-240 LBS FACTORY SETTING		3/8"
240-300 LBS		1/2"
300+ LBS		5/8"

PRELOAD MEASUREMENT
TAKEN BETWEEN REBOUND SPRING PERCH AND PRELOAD ADJUSTER-AS SHOWN BELOW



DO NOT EXCEED MAXIMUM MEASUREMENT TO PREVENT DAMAGING CARTRIDGES

OIL VOLUME CHART

AXEO PART	TUBE SIZE	FITMENT	FORK TUBE LENGTH	OUNCES OF OIL PER LEG
0414-0752	49 mm	2014+ FLH	24.31"	13 oz

NOTE: LEGEND SUSPENSIONS RECOMMENDS THE USE OF THE FOLLOWING FORK OILS:
SCREAMIN' EAGLE HEAVY, MAXIMA 20W V-TWIN, OR AN EQUIVALENT 20W FORK OIL



AXEO PERFORMANCE

FITMENT:
0414-0752 (+2")
2014-2023 HARLEY-DAVIDSON FLH TOURING MODELS (49 MM)

**NOTE: LEGEND SUSPENSIONS RECOMMENDS THE USE OF THE FOLLOWING FORK OILS:
SCREAMIN' EAGLE HEAVY, MAXIMA 20W V-TWIN, OR AN EQUIVALENT 20W FORK OIL**

English

Please visit www.legendssuspensions.com for the translated version of this install guide in the following languages: French, German, Italian, and Spanish. Please choose your preferred language at the top of the page and then choose the product you purchased. The install guides are located on the bottom of the product page under Product Downloads.

French

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Italian

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German

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Please scan the QR code to access product install guides and warranty in your selected language.



INSTALL INSTRUCTIONS



STEP ONE: FORK REMOVAL

- A. Remove the forks from the motorcycle, consult with an experienced technician before removal if needed.



STEP TWO: DISASSEMBLY

WARNING: Be extremely careful when removing the top cap, it is under high spring pressure and may cause injury.

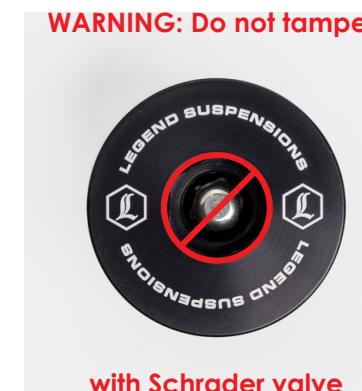
- Secure the stanchion (upper fork tube) in a fork vise or soft clamp to avoid scratching it.
- Use an impact wrench to remove the lower Allen bolt to drain the fork oil. **FIGURE A**
- Pump the slider (lower fork tube) and stanchion several times to purge as much of the original oil as possible.
- With the fork still secured in the vise, use an impact wrench to remove the top cap. **FIGURE B**
- Dump out all of the stock components from the top of the stanchion. **FIGURE C**
- Remove the oil seal retaining clip and separate the slider from the stanchion.
- Discard the stock oil lock piece from the slider.



STEP THREE: CLEAN FORKS

- Clean the remaining oil and contaminants from the inside of the fork tubes using a non-corrosive and non-abrasive parts cleaning solvent and a long brush.
- Rinse thoroughly to remove any residue.
- Dry parts with compressed air.
- Install new bushings and seals onto the new 24.31" long stanchions.
- Install the oil lock pieces into the lower sliders and re-assemble the forks with new stanchions. (SEE NOTE ABOVE)

PARTS INCLUDED:
(2) - AXEO Cartridges
(2) - Rebound Springs
(2) - Oil Lock Pieces
(see note above)



STEP FOUR: SET PRELOAD ON LEGEND CARTRIDGES

- Refer to the preload setting chart on the back cover of this install guide (**preload measurement is based on rider weight only**).
- Use an Allen wrench to loosen the set screw on the preload adjuster. **FIGURE D**
- Thread the preload adjuster up or down the shaft to achieve the recommended inside measurement between the rebound spring perch and the preload adjuster.

IMPORTANT: Once the proper preload measurement is achieved, index preload adjuster so the set screw lines up with the machined flat on the shaft. Apply blue threadlocker to the set screw threads and tighten.



FIGURE D



FIGURE A



STEP FIVE: INSTALL LEGEND CARTRIDGES

- Make sure the oil lock piece aligns with the stanchion (use a flashlight to ensure you can see all the way through the fork to the lower bolt hole).
- IMPORTANT:** Verify that the stock rebound springs are removed.
- Install the provided rebound springs into the top of each stanchion. **FIGURE E**
- With the slider and stanchion fully compressed, install the cartridge, making sure it is seated in the oil lock piece.
- Clean and inspect the copper sealing washer on the lower Allen bolt that was removed in Step 2. Make sure there are no blemishes that would prevent it from sealing and replace if damaged.
- Apply a small amount of blue threadlocker to the threads of the bolt and install it with the copper sealing washer.
- Hold the cartridge and tighten the lower bolt to 30 ft. lbs.



FIGURE E



FIGURE B



FIGURE C



STEP SIX: ADDING OIL AND BLEEDING

IMPORTANT: The type and amount of oil added ensures that the hydraulic bump stop functions properly.

- Refer to the oil volume chart on the back cover of this install guide for the type and amount of oil to add per fork.
- Pour oil in the top of the stanchion, you will need to slowly pump the stanchion and slider a few times while doing this to distribute the oil. **FIGURE F**
- Once the recommended amount of oil has been installed, slowly pump the stanchion and the slider up and down 10 to 12 times to bleed the air from the oil. **FIGURE G**
- After bleeding the air from the oil, slide the stanchion up and thread it onto the fork cap.
- Tighten the fork cap to 25 ft. lbs.



FIGURE F



STEP SEVEN: INSTALL FORKS

- Once the forks are re-assembled, install them onto the motorcycle. Follow the manufacturers' torque specs for safety.



FIGURE G