

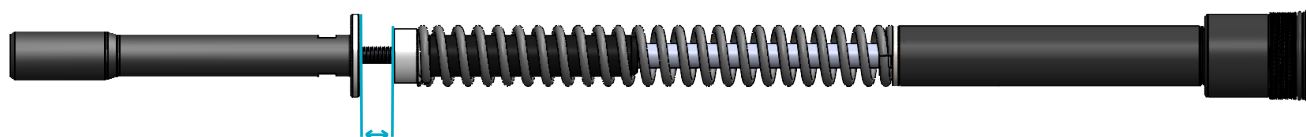


PRELOAD SETTING CHART

RIDER WEIGHT (EXCLUDES PASSENGER & LUGGAGE WEIGHT)	KIT NUMBER		PRELOAD MEASUREMENT
	0414-0749 0414-0750 14-24 FLH 49MM	0414-0751 97-13 FLH 41MM	
UP TO 180 LBS	1/4"	0"	
180-240 LBS	3/8"	1/8"	
240-300 LBS	1/2"	1/4"	
300+ LBS	5/8"	3/8"	

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
0414-0749	49mm	2014-16 FLH	STD	12 oz
0414-0750	49mm	2017+ FLH	STD	12 oz
0414-0751	41mm	1997-13 FLH	STD	4.5 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



INSTALLATION GUIDE



FITMENT:

0414-0749 (-1" LOWERED)
2014-2016 HARLEY-DAVIDSON FLH TOURING MODELS (49 MM)

0414-0750 (-1" LOWERED)
2017-2024 HARLEY-DAVIDSON FLH TOURING MODELS (49 MM)

0414-0751 (-1" LOWERED)
1997-2013 HARLEY-DAVIDSON FLH TOURING MODELS (41 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.legendsuspensions.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.

Spanish

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German

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French

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Italian

Prego consultare www.legendsuspensions.com per la versione tradotta della presente guida di installazione nelle seguenti lingue: francese, tedesco, italiano, e spagnolo. Prego scegliere la lingua preferita in cima alla pagina e in seguito scegliere il prodotto acquistato. Le guide di installazione si trovano in fondo alla pagina di prodotto sotto Scaricamenti di Prodotti.

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



INSTALL INSTRUCTIONS



STEP ONE: FORK REMOVAL

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



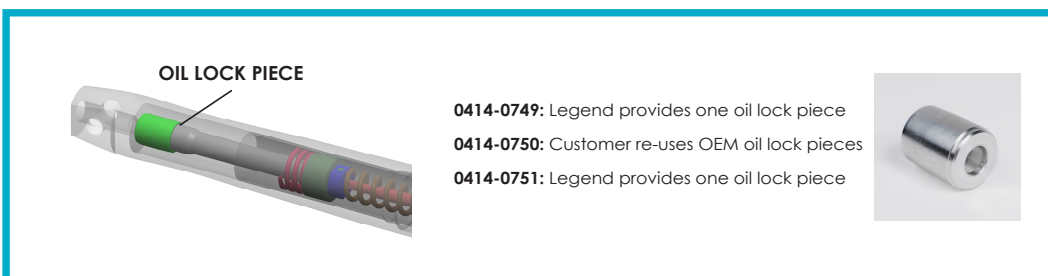
STEP TWO: DISASSEMBLY

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**

NOTE: Disassembling the slider and stanchion is unnecessary unless:

- Your current fork set has an OEM damper cartridge in one leg, you will need to replace the oil lock piece with the one provided by Legend.
- You are replacing your fork seals and bushings.



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.

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



FIGURE A



FIGURE B



FIGURE C



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.

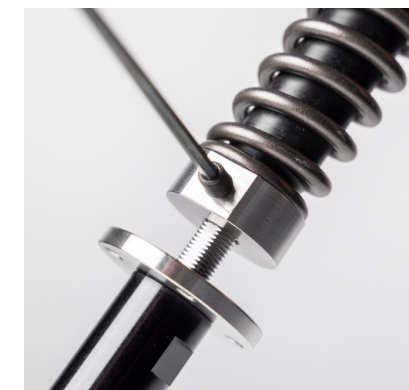


FIGURE D



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 and the threads of the lower Allen bolt that were removed in Step 2. Make sure there are no blemishes that would prevent the washer from sealing.
- Install the lower Allen bolt and the copper sealing washer.
- Hold the cartridge and tighten the lower Allen bolt to 15 ft. lbs. for a 41 mm fork or 30 ft. lbs. for a 49 mm fork.



FIGURE E



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



FIGURE G



STEP SEVEN: INSTALL FORKS

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