

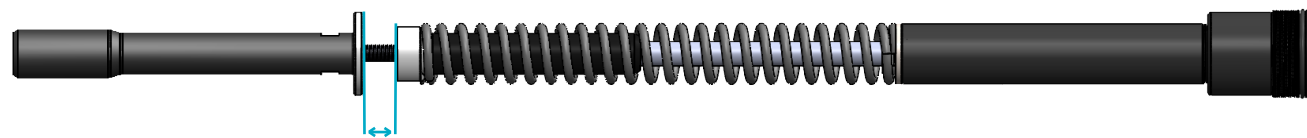
PRELOAD SETTING CHART

RIDER WEIGHT (EXCLUDES PASSENGER & LUGGAGE WEIGHT)	PRELOAD MEASUREMENT BY KIT NUMBER AND YEAR/MODEL FITMENT		
	0414-0739 14-16 FLH 49MM	0414-0740 17+ FLH 49MM	0414-0741 97-13 FLH 41MM
UP TO 180 LBS	3/8"	1/4"	0"
180-240 LBS	1/2"	3/8"	1/8"
240-300 LBS	5/8"	1/2"	1/4"
300+ LBS	3/4"	5/8"	3/8"

DO NOT EXCEED MAXIMUM MEASUREMENTS TO PREVENT DAMAGING CARTRIDGES

PRELOAD MEASUREMENT

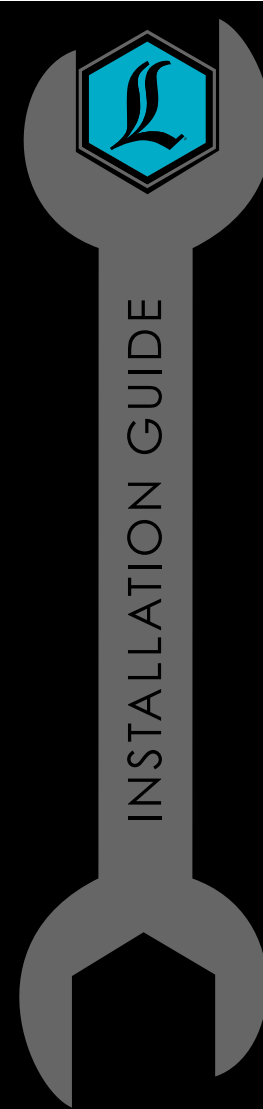
TAKEN BETWEEN REBOUND SPRING PERCH AND PRELOAD ADJUSTER-AS SHOWN BELOW



OIL VOLUME CHART

AXEO PART	TUBE SIZE	FITMENT	FORK TUBE LENGTH	OZ OF OIL TO ADD
0414-0739	49 MM	2014-16 FLH	STD	11.5 OZ
0414-0740	49 MM	2017+ FLH	STD	11 OZ
0414-0741	41 MM	1997-13 FLH	STD	3.5 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

AXEO COMFORT

FITMENT:

0414-0739

2014-16 HARLEY-DAVIDSON FLH
TOURING MODELS (49 MM)

0414-0740

2017-23 HARLEY-DAVIDSON FLH
TOURING MODELS (49 MM)

0414-0741

1997-13 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

Visite www.legendsuspensions.com para obtener la versión traducida de esta guía de instalación en los siguientes idiomas: francés, alemán, italiano y español. Elija su idioma de preferencia en la parte superior de la página y luego elija el producto que compró. Las guías de instalación se encuentran en la parte inferior de la página del producto, en la sección Descargas de productos.

German

Besuchen Sie bitte www.legendsuspensions.com für die übersetzte Version dieser Installationsanleitung in den folgenden Sprachen: Französisch, Deutsch, Italienisch und Spanisch. Wählen Sie bitte oben auf der Seite Ihre bevorzugte Sprache und anschließend das von Ihnen gekaufte Produkt aus. Die Installationsanleitungen finden Sie am unteren Rand der Produktseite unter Produkt-Downloads.

French

Veillez visiter le site : www.legendsuspensions.com pour la version traduite de ce guide d'installation dans les langues suivantes : français, allemand, italien et espagnol. Veuillez choisir votre langue préférée en haut de la page, puis choisissez le produit que vous avez acheté. Les guides d'installation sont disponibles au bas de la fiche produit sous Téléchargements de produits.

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.

INSTALL INSTRUCTIONS



STEP ONE: FORK REMOVAL

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



STEP TWO: DISASSEMBLY

- Secure forks in a fork vice or soft clamp to eliminate scratching the stanchions (upper tubes).
 - Use an impact wrench to remove the lower allen bolt **FIGURE B.**
 - Let the oil drain out and pump fork several times to remove all original oil.
 - With fork still in vice, remove top fork cap **FIGURE C.**
- WARNING: Be extremely careful when removing the top cap, it is under high spring pressure and may cause injury.**
- Dump all stock components out of forks **FIGURE D.**

NOTE: Splitting of the lower slider and stanchion tube is unnecessary unless:

- Your current fork set has an oem damper cartridge in "one" leg and you must replace the oil lock piece with the one provided from Legend.
- You wish to replace your fork seals and bushings at this time (highly recommended.)
- If so, remove the snap ring and use the stanchion as a slide hammer to separate upper and lower fork tubes.
- Clean the fork components for reassembly.



STEP THREE: CLEAN FORKS

- If you didn't split your forks, clean all of the used oil and contaminants from forks.
- Use a solvent tank and long brush to scrub the inside of your forks. Once all of the oil is washed out, use a suspension cleaner that doesn't leave an oily film, and wash the solvent out.
- Blow all parts dry with compressed air.

PARTS INCLUDED:

- (2) - axeo cartridges
- (2) - rebound springs
- (1) - oil lock piece (see note above)

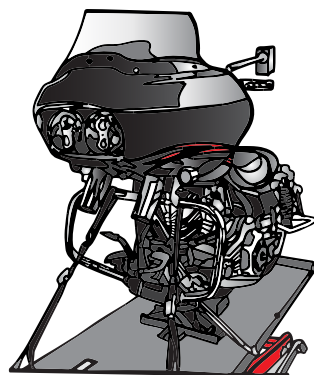


FIGURE A

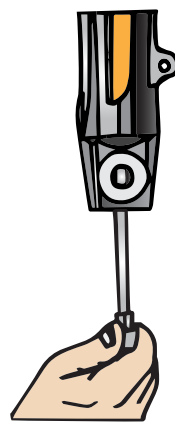


FIGURE B

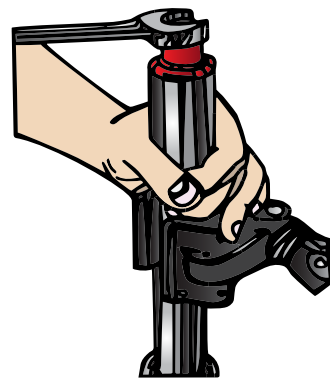


FIGURE C

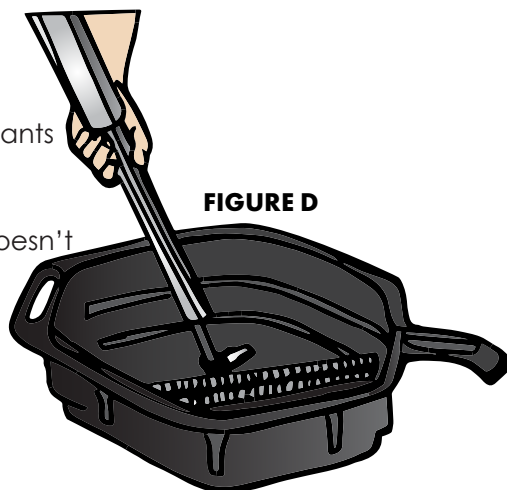


FIGURE D



STEP FOUR: SET PRELOAD FOR LEGEND CARTRIDGE

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

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

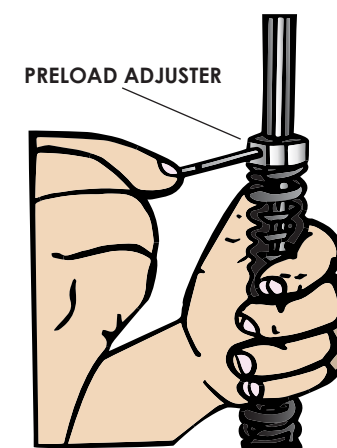


FIGURE E



STEP FIVE: INSTALL LEGEND CARTRIDGES

- Make sure the oil lock piece is aligned with the stanchion (use a flashlight and make sure you can see all the way through the fork to the lower bolt hole).
- Make sure stock rebound springs are removed, then drop the provided rebound spring into the top of each stanchion **FIGURE F.**
- With the fork fully compressed, install the cartridge into the stanchion, making sure it is seated in the oil lock piece.
- Inspect the copper washer from the lower bolt you removed earlier. Clean washer and make sure there are no blemishes.
- Apply small amount of blue loc-tite to the threads of lower bolt and install it with copper washer.
- Hold cartridge and tighten bolt to 15 ft. lbs for a 41 mm fork and 30 ft. lbs for a 49 mm fork.

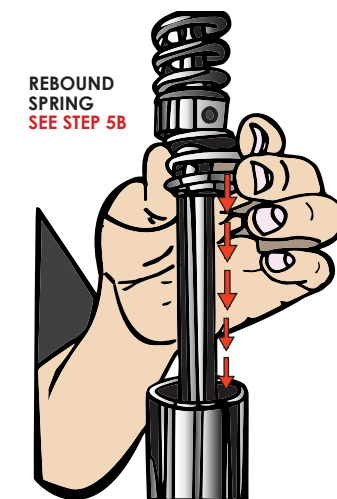


FIGURE F



STEP SIX: ADDING OIL AND BLEEDING

- 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.
- IMPORTANT: The type and amount of oil added insures that the hydraulic bump stop functions properly.**
- Pour oil in the top of the stanchion, you will need to slowly pump it a few times while doing this to distribute the oil into the lower slider **FIGURE G.**
 - Once the recommended amount of oil has been added, slowly pump the stanchion and the lower slider up and down several times to bleed the air from the oil.
 - After bleeding the forks, slide the stanchion up and thread onto the fork cap.
 - Tighten the fork cap to 25 ft. lbs.

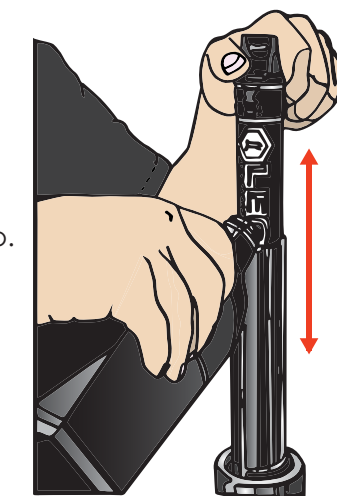


FIGURE G



STEP SEVEN: INSTALL FORKS

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