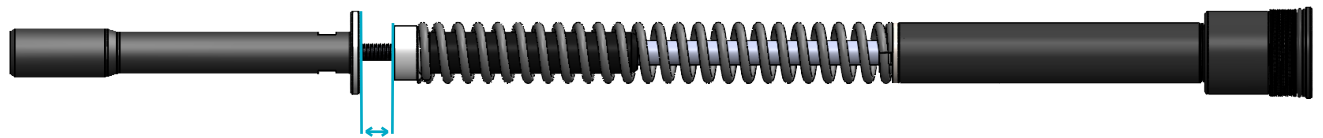


PRELOAD SETTING CHART

RIDER WEIGHT (EXCLUDES PASSENGER & LUGGAGE WEIGHT)	KIT NUMBER		PRELOAD MEASUREMENT
	0414-0746 0414-0747 14-24 FLH 49MM	0414-0748 97-13 FLH 41MM	
UP TO 180 LBS	1/8"	0"	
180-240 LBS FACTORY SETTING	1/4"	1/8"	
240-300 LBS	3/8"	3/16"	
300+ LBS	1/2"	1/4"	

PRELOAD MEASUREMENT

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

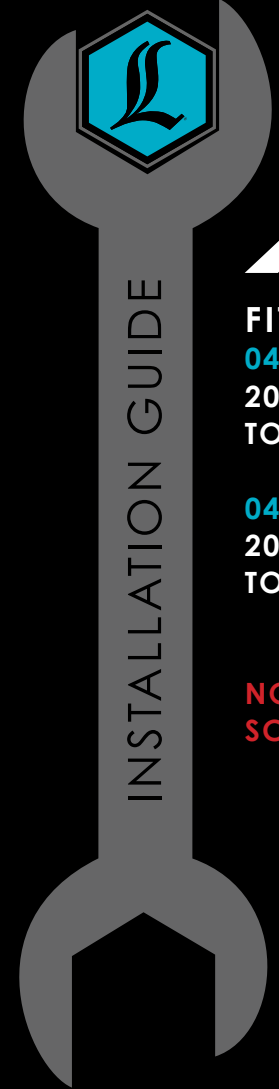


DO NOT EXCEED MAXIMUM MEASUREMENT TO PREVENT DAMAGING CARTRIDGES

OIL VOLUME CHART

AXEEO PART	TUBE SIZE	FITMENT	FORK TUBE LENGTH	OUNCES OF OIL PER LEG
0414-0746	49 mm	2014-16 FLH	STD	1.1 oz
0414-0747	49 mm	2017+ FLH	STD	1.1 oz
0414-0748	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

AXEEO PERFORMANCE

FITMENT:

- 0414-0746 (STANDARD)
2014-2016 HARLEY-DAVIDSON FLH TOURING MODELS (49 MM)
- 0414-0747 (STANDARD)
2017-2024 HARLEY-DAVIDSON FLH TOURING MODELS (49 MM)

- 0414-0748 (STANDARD)
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

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.

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.



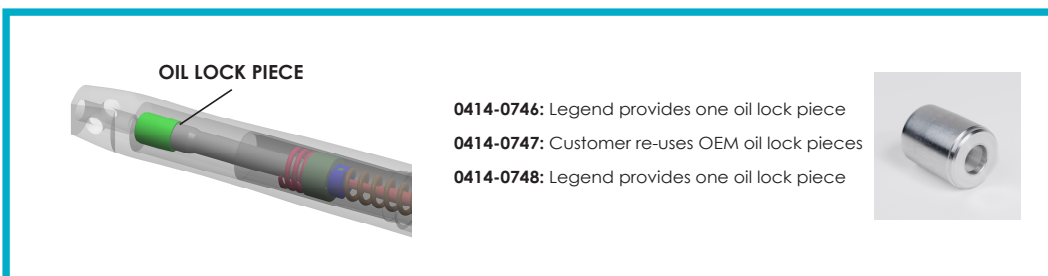
STEP TWO: DISASSEMBLY

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

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

NOTE: Disassembling the slider and stanchion is unnecessary unless:

- You are installing travel limiters for a 21" or 23" front wheel.
- 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

- A. 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.
- B. Rinse thoroughly to remove any residue.
- C. 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

- A. Refer to the preload setting chart on the back cover of this install guide (**preload measurement is based on rider weight only**).
- B. Use an Allen wrench to loosen the set screw on the preload adjuster. **FIGURE D**
- C. 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.

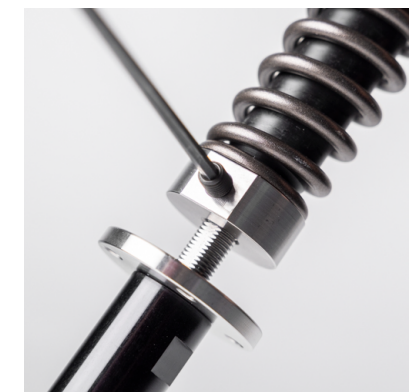


FIGURE D



STEP FIVE: INSTALL LEGEND CARTRIDGES

- A. 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.
- B. Install the provided rebound springs into the top of each stanchion. **FIGURE E**
- C. With the slider and stanchion fully compressed, install the cartridge, making sure it is seated in the oil lock piece.
- D. 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.
- E. Install the lower Allen bolt and the copper sealing washer.
- F. 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.

- A. 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:** If you are installing the travel limiters for a 21" or 23" front wheel, refer to the oil volume chart included with the AXEO 21/23 kit for the correct type and amount for your application.
- B. 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**
- C. 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**
- D. After bleeding the air from the oil, slide the stanchion up and thread it onto the fork cap.
- E. Tighten the fork cap to 25 ft. lbs.



FIGURE F



FIGURE G



STEP SEVEN: INSTALL FORKS

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



ATTENTION: Additional parts are required when installing this kit with a 21" or 23" front wheel.

Order one of the following Travel Limiter Kits prior to installation.

<u>Year and Model</u>	<u>21" Wheel</u>	<u>23" Wheel</u>
97-13 H-D FLH TOURING MODELS (41 MM)	P/N: 0414-0756	P/N: 0414-0757
14-16 H-D FLH TOURING MODELS (49 MM)	P/N: 0414-0758	P/N: 0414-0759
17-23 H-D FLH TOURING MODELS (49 MM)	P/N: 0414-0760	P/N: 0414-0761

*NOTE: 2018-2022 H-D CVO ROADGLIDE (FLTRXSE)

-Return this kit and order P/N: 0414-0544 - AXEO21KO Cartridge Kit

-No Travel Limiter Kit Required



WARRANTY

All Legend ® Suspensions' parts are guaranteed to the original purchaser to be free of manufacturing defects and workmanship. Parts that fail to conform to these conditions will be repaired or replaced at Legend ® Suspensions' option if the parts are returned to Legend ® Suspensions by the original purchaser. Delivery of the original purchase invoice or receipt along with the parts to Legend ® Suspensions is a condition precedent to Warranty coverage. Warranty coverage is limited lifetime.

In the event the original purchaser believes warranty service is required, the original purchaser must call or e-mail Legend ® Suspensions immediately to discuss the concern. Some concerns may be rectified by a telephone call and need no further course of action.

A part that is suspect of being defective must not be replaced by a Dealer or any other person without prior written authorization from Legend ® Suspensions. If it is deemed necessary for Legend ® Suspensions to make an evaluation of the part to determine whether a defect exists, a return authorization number (RA#) must be obtained from Legend ® Suspensions by the original purchaser. Properly obtaining a return authorization number from Legend ® Suspensions is a condition precedent to Warranty coverage.

The part must be packaged properly so as to not cause further damage and be returned prepaid to Legend ® Suspensions with a copy of the original invoice or receipt of purchase. If after evaluation, Legend ® Suspensions finds the part to be defective, Legend ® Suspensions will repair or replace the part, at the discretion and option of Legend ® Suspensions.

Exclusions

This warranty is void if:

- (1) The Legend ® Suspensions' part is repaired, modified or altered, unless such repair, modification or alteration is expressly authorized by Legend ® Suspensions in writing;
- (2) The Legend ® Suspensions' part becomes defective in whole or in part as a result of improper installation, improper maintenance, improper use, abnormal operation, or any other misuse or mistreatment of the Legend ® Suspensions' part;
- (3) The Legend ® Suspensions' part is installed or used in any motorcycle or other vehicle other than an Unmodified Factory OEM Motorcycle;
- (4) The Legend ® Suspensions' part is installed or used on any motorcycle or other vehicle being used in any form of competitive riding or racing, off road riding, or stunt riding. Stunt riding shall include, but not be limited to, any form of acrobatic maneuvering of the motorcycle, wheelies, stoppies, burnouts, jumping, or operating the motorcycle at an excessive rate of speed;
- (5) The Legend ® Suspensions' part is installed or used on any motorcycle or other vehicle being operated at a speed in excess of the speed allowed by any applicable law, regulation, or ordinance or is operated in any other manner in violation of any applicable law, regulation or ordinance;
- (6) The serial or parts identification number of the Legend ® Suspensions' part is defaced or missing;
- (7) The Legend ® Suspensions' part is returned with no authorization number issued from Legend ® Suspensions; or
- (8) The original purchase invoice or receipt is not provided to Legend ® Suspensions along with the part.

Additional Limitations

- (1) Legend ® Suspensions shall have no warranty or liability obligation to cover work shop labor charges incurred to install or remove suspension systems or individual components.
- (2) Electrical components are limited to a two-year manufacturer's warranty from the original invoice date or installation.
- (3) Limited lifetime warranty as used within this warranty is further defined as the lifetime of the specific product line. Any product line that has been discontinued for which replacement parts are no longer available by is not covered by this warranty.
- (4) The customer is liable for shipping charges to and from Legend ® Suspensions for warranty repairs or replacement parts consistent with this warranty. LEGEND ® SUSPENSIONS (INCLUDING ITS SUBSIDIARIES, AFFILIATES, OFFICERS, DIRECTORS, EMPLOYEES, AGENTS OR SHAREHOLDERS) SHALL NOT, UNDER ANY CIRCUMSTANCES, WHETHER AS A RESULT OF BREACH OF CONTRACT, BREACH OF WARRANTY, TORT, STRICT LIABILITY, THE FAILURE TO DELIVER, DELAY IN DELIVERY IN NONCONFORMING CONDITION, OR FOR ANY OTHER BREACH OF CONTRACT OR DUTY BETWEEN LEGEND ® SUSPENSIONS AND A CUSTOMER OR OTHERWISE, BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR EXEMPLARY OR PUNITIVE DAMAGES INCLUDING,

WITHOUT LIMITATION, LOSS OF PROFITS OR REVENUES, LOSS OF OTHER GOODS OR ASSOCIATED EQUIPMENT OR DAMAGES TO ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL OR LABOR, COST OF REPLACEMENT OR SUBSTITUTE PRODUCTS, OR LOSS OF TIME. IN THE EVENT THAT LEGEND ® SUSPENSIONS SHALL BE UNABLE TO REPAIR OR REPLACE THE PRODUCT AS REQUIRED HEREIN, THE LIABILITY OF LEGEND ® SUSPENSIONS TO YOU OR ANY OTHER PARTY SHALL NOT EXCEED THE PRICE ACTUALLY PAID BY YOU FOR THE PRODUCT UPON THE PAYMENT OF WHICH, LEGEND ® SUSPENSIONS SHALL BE RELEASED FROM AND DISCHARGED OF ALL FURTHER OBLIGATIONS AND LIABILITY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

WARNING: Legend ® Suspensions recommends this system be installed by a professional technician with professional knowledge of disassembly / reassembly procedures and post installation checks. Legend ® Suspensions are designed to be installed and used on Unmodified OEM Motorcycles only. Legend ® Suspensions assumes no responsibility for damage or injuries which may result from the use or installation of its products, whether or not properly installed or used. Installing a Legend ® Suspension may decrease initial ground clearance when in lowered position. The motorcycle will be lower to the ground and care should be taken to avoid bottoming out, especially over bumps or in turns. To maintain proper balanced geometry, we recommend riding in the stock height position.

Dispute Resolution

You agree that any dispute between you and Legend ® Suspensions arising hereunder, will be resolved exclusively and finally by arbitration administered by the American Arbitration Association ("AAA") and conducted under its rules, except as otherwise provided below.

The arbitration will be conducted before a single arbitrator and will be limited solely to the dispute between you and Legend ® Suspensions. The arbitration shall be held at any reasonable location in Meade County, South Dakota, or by submission of documents, by telephone, online or in person. Any decision rendered in such arbitration proceedings will be final and binding on each of the parties, and judgment may be entered thereon in any court of competent jurisdiction. Should either party bring a dispute to a forum other than AAA, the arbitrator may award the other party its reasonable costs and expenses, including attorney fees and disbursements incurred in staying or dismissing such other proceedings or in otherwise enforcing compliance with this dispute resolution provision.

YOU UNDERSTAND THAT YOU WOULD HAVE HAD A RIGHT TO LITIGATE DISPUTES THROUGH A COURT AND THAT YOU HAVE EXPRESSLY AND KNOWINGLY WAIVED THAT RIGHT AND AGREED TO RESOLVE ANY DISPUTES THROUGH BINDING ARBITRATION.

For the purposes of this section, the term "dispute" means any dispute, controversy or claim arising out of or relating to: (1) this Agreement, its interpretation, or the breach, termination, applicability or validity hereof; or (2) the purchase or use of any Product, Accessory, service or otherwise from Legend ® Suspensions.

For purposes of this Agreement, the term Legend ® Suspensions means Legend ® Suspensions, its subsidiaries, affiliates, directors, officers, employees, beneficiaries, agents or assigns; the term "you" means you, the original purchaser, your agents, beneficiaries, or heirs.

Governing Law

Both you and Legend ® Suspensions consent to the application of the laws of the State of South Dakota to govern, interpret, and enforce all of your rights and Legend ® Suspensions' rights, duties, and obligations arising from, or relating in any manner to, the subject matter of this Limited Lifetime Warranty, without regard to conflict of law principles.

OUR PRODUCTS ARE PROUDLY MADE IN THE USA



For customer service e-mail service@legendsuspensions.com

For additional help visit [youtube.com/legendsuspensions](https://www.youtube.com/legendsuspensions)