

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 part 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 alternation 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 manufacture’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 in 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 thereof, 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.



INSTALLATION GUIDE

AXEC43

FITMENT:

0414-0549

2018-2024 HARLEY-DAVIDSON
M8 SOFTAIL MODELS-FXFB(S)/
FXLRS/FXLRTS/FXRST

0414-0589

2018-2024 HARLEY-DAVIDSON
M8 SOFTAIL MODEL-FLSB SPORT GLIDE

0414-0590

2019-2020 HARLEY-DAVIDSON
M8 SOFTAIL MODEL-FXDR

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

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)

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

Veuillez 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-LH FORK



STEP ONE: FORK REMOVAL

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



STEP TWO: LH FORK DISASSEMBLY

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

- A. Secure the LH fork assembly in a fork vise or soft clamp to avoid scratching it.
- B. Use an impact wrench to remove the top cap. **FIGURE A**
- C. Use an impact wrench to remove the lower Allen bolt to drain the fork oil. **FIGURE B**
- D. Dump out all of the stock components from the top of the stanchion. **FIGURE C**

IMPORTANT: Make sure the cartridge centering plate is removed.

NOTE: Sport Glide Only - the slider and stanchion must be separated to remove the dust seal.

- E. Inspect bushing and seals, replace as needed.



STEP THREE: CLEAN FORK

- 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.



STEP FOUR: SET PRELOAD ON LEGEND CARTRIDGE

- A. Refer to the preload setting chart on the inside of the back cover of this install guide (**preload adjustment is based on rider weight only**).
- B. Use an Allen wrench to loosen the set screw on the preload adjuster. **FIGURE D**
- C. Use the recommended number of turns from the chart and thread your preload adjuster towards the spring. **Preload adjuster is set at zero from the factory.** One full turn is indicated by the set screw aligning with "flat."

IMPORTANT: Once the proper preload adjustment is achieved, index the 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 A



FIGURE B



PRELOAD SETTING CHART

RIDER WEIGHT (EXCLUDES PASSENGER & LUGGAGE WEIGHT)	NUMBER OF TURNS
100-249 LBS FACTORY SETTING	0
250-349 LBS	1
350-449 LBS	2
450+ LBS	3

RIDER PREFERENCE - Read Prior to Installation

This chart is not a one size fits all. What constitutes as a firm or a soft ride will vary from one rider to another based on rider preference. This chart is designed as a starting point when determining the preload adjustment of the AXEO cartridge. No matter the preload adjustment setting chosen, the AXEO cartridge will provide a luxury ride, while also improving handling and performance of the front suspension, regardless of rider weight. **It's up to the installer or rider to determine exactly the type of ride quality desired when adjusting preload to ensure customer satisfaction.**

Points to consider:

- **DO NOT include passenger weight when determining preload adjustment** as their weight is mainly over the rear shocks and it is only a factor under hard braking when the center of gravity of the motorcycle is shifted forward.
- **The AXEO will ride slightly firmer than stock with the nature of the design.** With an increase in performance you will feel more feedback from the front suspension over small road expansion joints, cracks, etc. Softer stock suspensions will result in the absorption of these small road imperfections; however, this will result in an undesirable reaction when encountering the larger potholes, uneven bridge joints, cracks, etc. The AXEO will adsorb these larger road imperfections, without the jarring effect experienced with stock suspension.
- **The change in firmness of the AXEO is significant when increasing or decreasing preload adjustment.**

Rider Preference Scenario 1:

Rider weighs 250 lbs. with gear. Rider states they would prefer a comfortable ride with an increase in performance = stay with 0 turns of preload

Rider Preference Scenario 2:

Rider weighs 250 lbs. with gear. Rider states they prefer a firmer feel in the front end and exercise the limits of their motorcycle when cornering, braking, etc. They understand the front suspension already will be slightly firmer than stock and are aware of the noticeable change in firmness between setting 0 and 1 turn of preload = adjust with 1 turn of preload.

This preference interpretation can be applied to all weight ranges.

NOTE: These settings DO NOT change the gross vehicle weight of your motorcycle, see your owner's manual for this specification and understand these limits. These performance descriptions will help you choose a setting that will give you the ride quality, enhance steering, braking and traction at a level you desire. Legend Suspensions is not liable for damages or injuries as the result of exceeding the gross vehicle weight of the motorcycle.

OIL VOLUME CHART

AXEO PART	TUBE SIZE	FITMENT	FORK TUBE LENGTH	OUNCES OF OIL PER LEG
0414-0549	43 mm	2018-2024 FXFB(S)/FXLRS FXLRST/FXRST	STD	5.1 oz (RH) 8.5 oz (LH)
0414-0589	43 mm	2018-2024 FLSB	STD	4.8 oz (RH) 8.2 oz (LH)
0414-0590	43 mm	2019-2020 FXDR	STD	6.2 oz (RH) 9.6 oz (LH)

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

PARTS INCLUDED:
(2) - AXEO Cartridges

