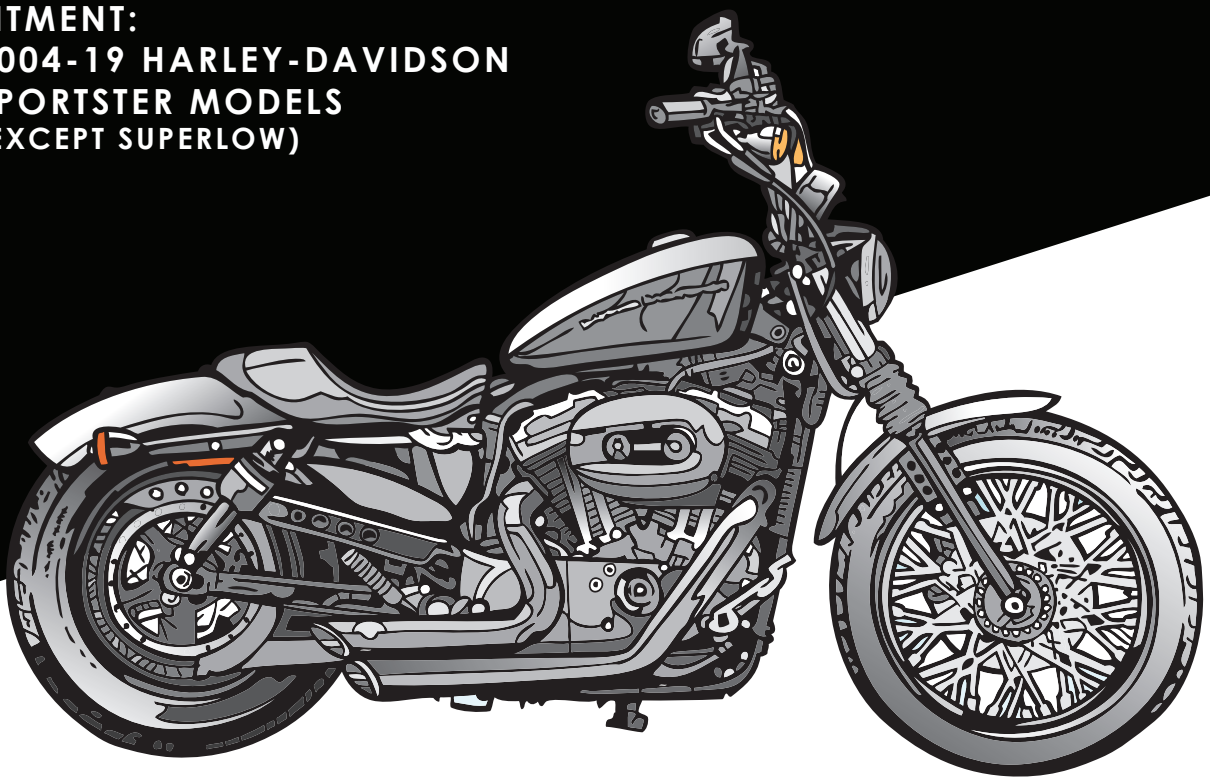
PARTS: 1310-1894, 1310-1895, 1310-1896, 1310-1897

INSTALLATION GUIDE

REVO ARC PIGGYBACK

FITMENT:
2004-19 HARLEY-DAVIDSON SPORTSTER MODELS (EXCEPT SUPERLOW)



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 one-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 NON-CONFORMING 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 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.

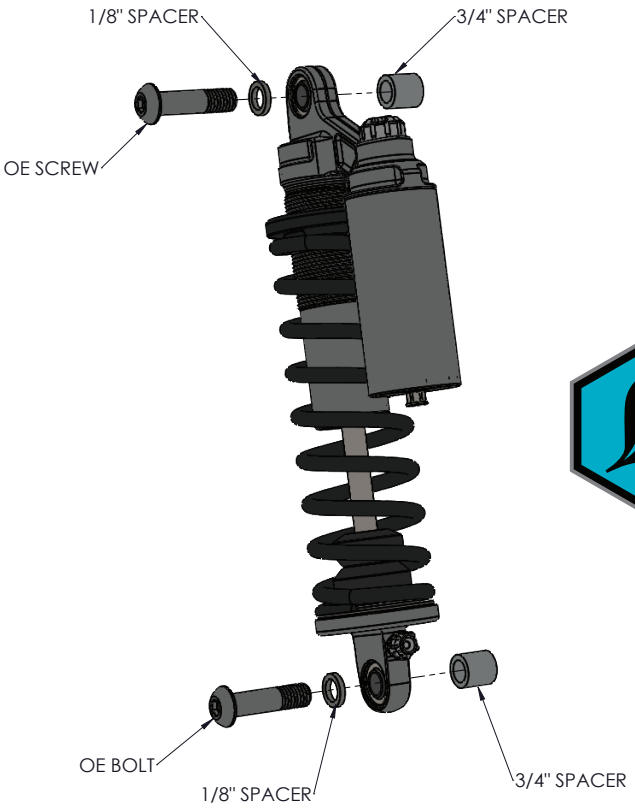
For the purposes of this section, the term "dispute" means any dispute, controversy, or claim arising out of or relating to: (1) this Agreement, its interpretation, or the breach, termination, applicability or validity thereof, or (2) the purchase or use of any Product, Accessory, service or otherwise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

REVO ARC PIGGYBACK

FIGURE A
SPORTSTER MODELS



Step One: Remove Stock Shocks

a. Securely support motorcycle on jack
b. Remove the stock shocks

FIGURE B



Step Two: Install Shocks

a. Apply blue thread locker to fasteners
b. Install fasteners and shocks in accordance to **Figure A.**
c. Torque fasteners to oem specifications.

Warning:
Before purchasing or attempting to install shocks that are different than the oem length, confirm that the wheel travel can be altered without causing clearance issues, such as swing-arm/axle to exhaust contact as well as chain/belt guard and tire clearance.

For customer service e-mail service@legendsuspensions.com

REVO ARC PIGGYBACK/REMOTE RESERVOIR • HOW TO SET UP

FIGURE A

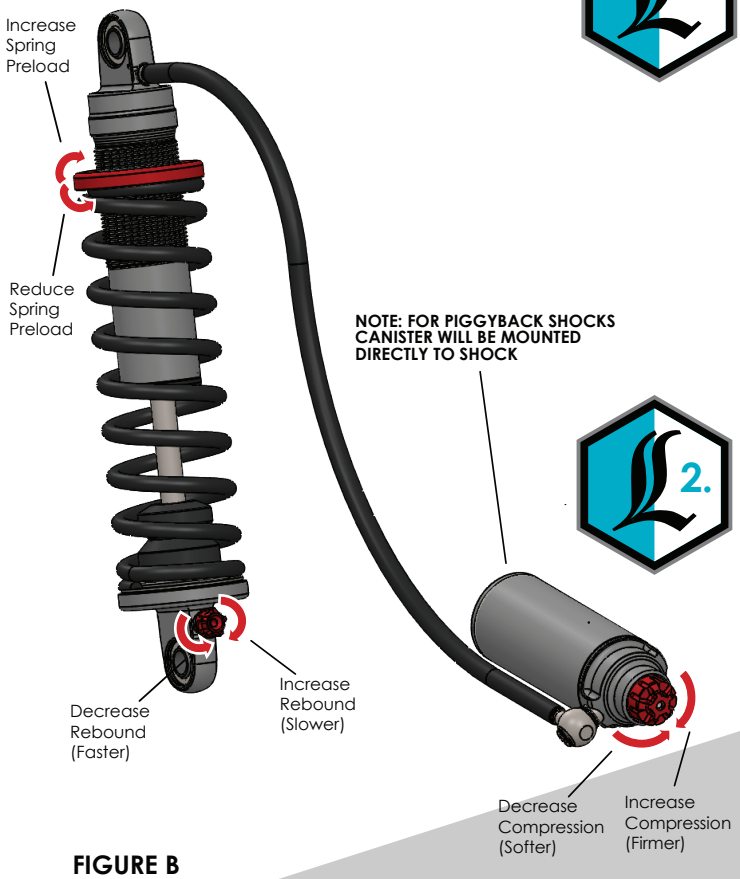


FIGURE B



TABLE A

Shock Length	Proper Sag Measurement
13"	11 3/4" to 12 1/4"
14"	12 3/4" to 13 1/4"

Step 1: Set Sag

a. Sit rider (with gear on), passenger and the load you intend on carrying, on motorcycle.

b. Measure the shock length from the center of the lower mounting bolt to the center of the upper mounting bolt **(Figure B).**

c. Refer to table A for the proper sag measurement, if the measured length is greater than the proper measurement, reduce spring preload **(Figure A)**, if the measured length is less than the proper measurement, increase spring preload **(Figure A).**

Note 1: To adjust preload grasp spring with both hands and turn in the desired direction, while adjusting spring the rider and passenger should not be on the motorcycle.

Note 2: Springs should be adjusted the same amount on both shocks.

Step 2: Test Ride

Note: Check tire pressure before making any suspension adjustments.

a. Prior to test ride confirm both the compression and rebound setting are the same on both shocks and note the position of the compression and rebound settings. Turn the compression adjuster **(Figure A)** clockwise to the fully closed position and then back it out the desired number of "clicks" (4 "clicks" is usually a good starting point). Turn the rebound adjuster **(Figure A)** clockwise to the fully closed position and then back it out the desired number of "clicks" (3 "clicks" is usually a good starting point).

Note: The position of the compression and rebound setting are the number of "clicks" from the fully closed position (adjuster knob turned clockwise until it stops).

b. Test ride the motorcycle with your typical load and on a road that you are familiar with.

Step 3: Adjust Compression Setting

a. If you feel the suspension is too firm, especially on smaller bumps, decrease the compression damping (counter- clockwise), if you feel the suspension is too soft (bottoming out), increase the compression damping (clockwise).

b. Adjust the left and right compression adjusters 1 or 2 "clicks" (same amount on Left and Right) firmer or softer depending on preference and test ride again.

Step 4: Adjust Rebound Setting

a. If you feel the suspension has a mushy or oscillating feel to it increase the rebound damping (clockwise). If the suspension feels slow reacting or feels harsh on closely spaced bumps, decrease the rebound damping (counter-clockwise).

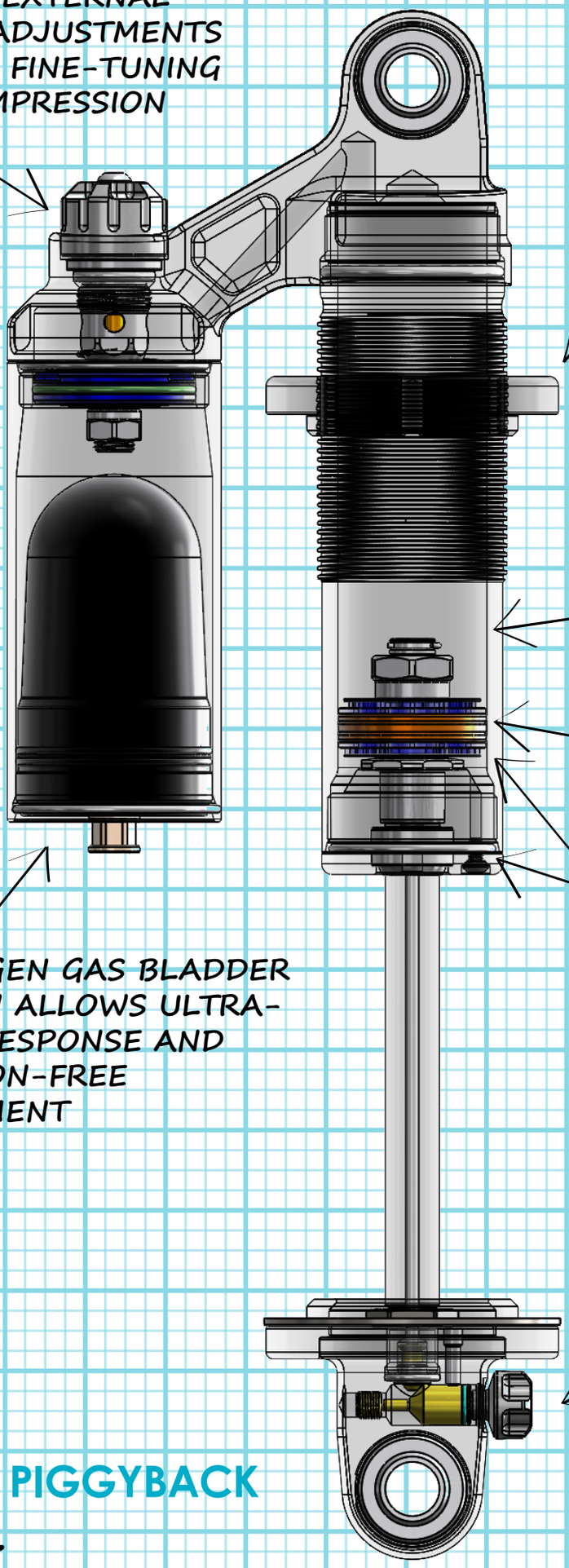
b. Adjust the left and right rebound adjusters 1 or 2 "clicks" (same amount on Left and Right) firmer or softer depending on preference and test ride again

Note: Only change one set of adjusters (compression or rebound) between test rides, in order to minimize the variables while testing.

06.11.19

LEGEND TECHNOLOGY

LEGEND REVO ARC



SEVEN EXTERNAL KNOB ADJUSTMENTS ALLOW FINE-TUNING OF COMPRESSION

THREADED PRE-LOAD EASILY ADJUSTS BY HAND, WHEN CHANGING RIDERS' WEIGHTS OR LOADS

35MM MONOTUBE CONSTRUCTION

DEFLECTIVE DISK VALVE STACKS

LOW FRICTION SEALING SYSTEM AND PTFE BASED SLIDING BEARINGS FOR IMPROVED PERFORMANCE AND FEEL

NITROGEN GAS BLADDER DESIGN ALLOWS ULTRA-FAST RESPONSE AND STICTION-FREE MOVEMENT

SEVEN EXTERNAL KNOB ADJUSTMENTS ALLOW FINE-TUNING OF REBOUND

REVO PIGGYBACK

FIG.1.