



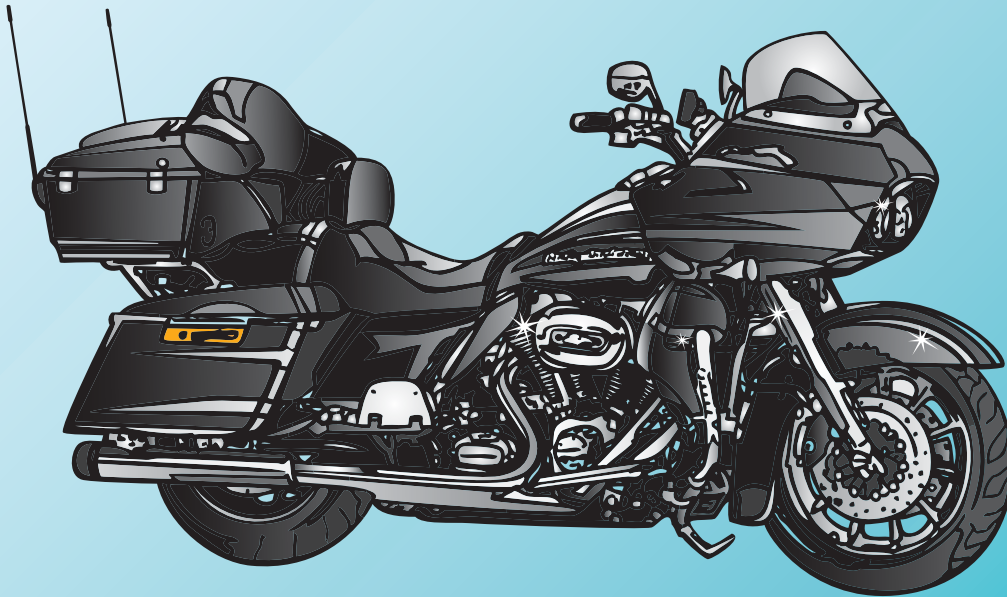
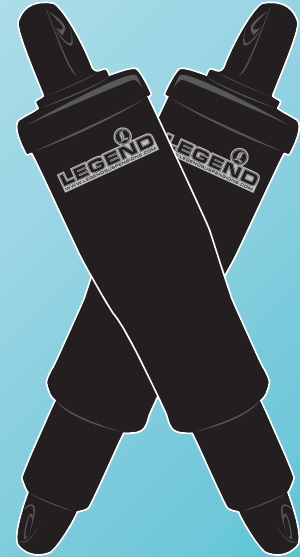
INSTALLATION GUIDE

PART: 1311-0152



FITMENT:

1311-0152 - 1999-18 H-D FLH TOURING MODELS



WARRANTY

All Legend Suspensions™ parts are guaranteed to the original purchaser to be free of manufacturing defects and workmanship. Merchandise that fails to conform to these conditions will be repaired or replaced at Legend Suspensions™ option if the parts are returned to us by the purchaser. Warranty coverage is limited lifetime.

In the event warranty service is required, the original purchaser must call or e-mail Legend Suspensions™ immediately with the problem. Some problems can 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 without prior authorization from Legend Suspensions™. If it is deemed necessary for Legend Suspensions™ to make an evaluation to determine whether the part was defective, a return authorization number must be obtained from Legend Suspensions™. The parts 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 of purchase. If after an evaluation has been made by Legend Suspensions™ and the part was found to be defective, repair will be made at Legend Suspensions™ discretion.

ADDITIONAL WARRANTY PROVISIONS

- (1) Legend Suspensions™ shall have no obligation in the event a Legend Suspension™ part is modified by any other person or organization.
- (2) Legend Suspensions™ shall have no obligation if a 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 part.
- (3) Legend Suspensions™ shall not be liable for any consequential or incidental damages resulting from the failure of a Legend Suspensions™ part, the breach of any warranties, the failure to deliver, delay in delivery in non-conforming condition, or for any other breach of contract of duty between Legend Suspensions™ and a customer.
- (4) Legend Suspensions™ shall have no warranty or liability obligation if a Legend Suspensions™ part is used in any other application. Vehicles used in competition or off road are exempt from all warranties.
- (5) All warranty items will require the original purchase invoice.
- (6) Legend Suspensions™ shall have no warranty or liability obligation to cover workshop labor charges incurred to install or remove suspension system or individual components.
- (7) Electrical components have a one year manufacturers warranty from the original invoice date or installation.
- (8) Limited lifetime warranty is further defined as the lifetime of specific product line.
- (9) Customer is liable for shipping charges to and from Legend Suspensions™ for warranty repairs or replacement parts.

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 Suspensions system 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.

All parts sold or manufactured by Legend Suspensions™ are warranted against all manufacture defects or workmanship defects. Should a product we manufacture be defective, it must be returned to Legend Suspensions™. All returns must be authorized in advance with RA#. Freight must be prepaid by customer. If our product is found to be defective, it will be repaired free of charge or exchanged at Legend Suspensions™ discretion. Repairs or exchanges will not be issued if merchandise has been damaged, abused or modified. Any disagreement which may arise out of this agreement shall be submitted to arbitration and shall be enforceable under the laws of the State of South Dakota. Judgment on the award shall be entered into by the said court, and the decision of the arbitrator shall be a condition precedent to legal rights. The parties shall submit disputed matters under the Rules of the American Arbitration Association and the losing party shall pay both parties' attorneys' fees and costs.



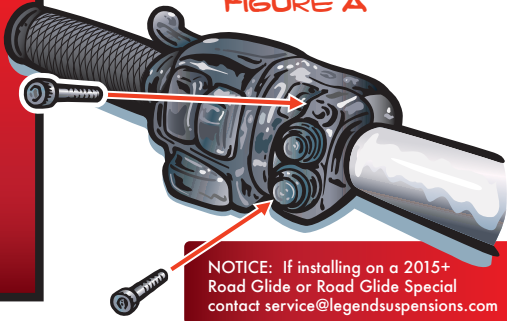
For customer service e-mail service@legendsuspensions.com



PROPERLY SUPPORT YOUR MOTORCYCLE PRIOR TO SUSPENSION INSTALLATION!

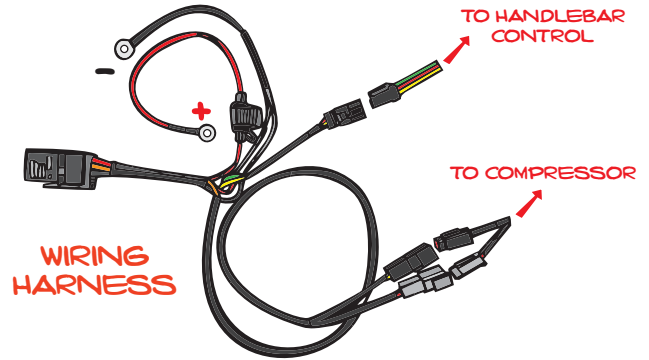
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FIGURE A



NOTICE: If installing on a 2015+ Road Glide or Road Glide Special contact service@legendsuspensions.com

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WIRING HARNESS

STEP ONE: HANDLEBAR CONTROL

- REMOVE OE CLUTCH CLAMP.
- RE-USING OE HARDWARE, INSTALL LEGEND HANDLEBAR CONTROL AS SHOWN IN **FIGURE A**.
- ROUTE CABLE DOWN THE HANDLEBARS AND UNDER THE GAS TANK TO THE BATTERY COMPARTMENT.
- SECURE CABLE USING CABLE-TIES.

STEP TWO: WIRING HARNESS

- REMOVE THE FUSE FROM THE FUSE HOLDER.
- CONNECT THE HANDLEBAR CONTROL CONNECTOR TO THE MATING CONNECTOR ON THE WIRING HARNESS.
- CONNECT RED WIRE TO POSITIVE TERMINAL AND BLACK WIRE TO NEGATIVE TERMINAL ON BATTERY.
- FROM THE BATTERY COMPARTMENT ROUTE THE COMPRESSOR END (GRAY & BLACK CONNECTORS) OF THE HARNESS TO THE COMPRESSOR LOCATION UNDERNEATH THE BIKE SHOWN IN **FIGURE B**. FOLLOW THE MAIN WIRING HARNESS ALONG THE FRAME RAIL.

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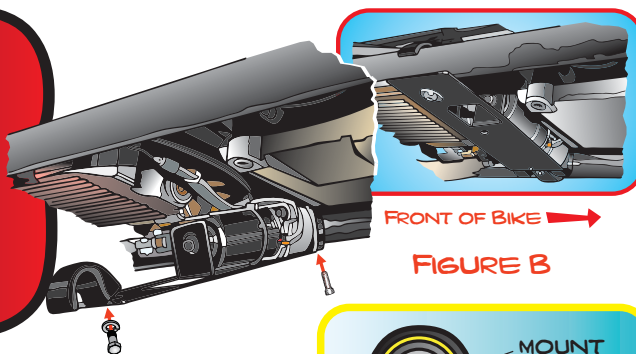


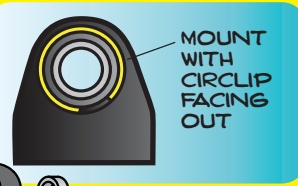
FIGURE B

STEP THREE: COMPRESSOR MOUNT

- CONNECT THE GRAY AND BLACK CONNECTORS FROM THE WIRING HARNESS TO THE MATCHING COLOR CONNECTORS ON THE COMPRESSOR ASSEMBLY.
- CONNECT AIR TUBING TO THE FITTING ON THE COMPRESSOR ASSEMBLY.
- APPLY BLUE THREAD LOCKER TO THE FASTENERS, AND MOUNT COMPRESSOR ASSEMBLY TO THE FRAME RAILS IN FRONT OF THE OIL PAN AS SHOWN IN **FIGURE B**.
- ROUTE AIR TUBING TO THE BATTERY COMPARTMENT ALONG WITH THE WIRING HARNESS, AND SECURE WITH CABLE-TIES. AVOID HOT COMPONENTS.

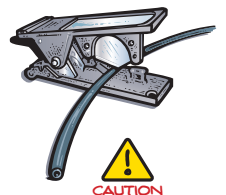
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FIGURE C (LEFT SHOCK)



STEP FOUR: SHOCKS

- WITH MOTORCYCLE PROPERLY SUPPORTED ON JACK, REMOVE THE OE SHOCKS.
- APPLY BLUE THREAD LOCKER TO THE FASTENERS, AND INSTALL YOUR LEGEND SHOCKS ACCORDING TO THE HARDWARE CONFIGURATION IN **FIGURE C**, WITH AIR FITTINGS POINTING FORWARD. MOUNT WITH CIRCLIP FACING OUT, AND SILVER LABEL FACING IN.
- TORQUE HARDWARE TO OE SPECIFICATIONS.
- ROUTE AIR TUBING FROM EACH SHOCK AND CONNECT TO AIR TUBING FROM THE COMPRESSOR USING SUPPLIED Y-FITTING.



CAUTION
MAKE SURE TUBING IS CUT AT A CLEAN 90° ANGLE

STEP FIVE: OPERATION

- REINSTALL THE FUSE IN THE FUSE HOLDER.
- PUSH TOP BUTTON TO INFLATE SHOCKS, AND BOTTOM BUTTON TO DEFLATE SHOCKS.
- CHECK TIRE TO FENDER CLEARANCE WHEN SHOCKS ARE FULLY COMPRESSED.
- WITHOUT SITTING ON THE BIKE, INFLATE SHOCKS UNTIL THE BIKE STOPS RISING.
- THE BIKE SHOULD SAG DOWN LESS THAN ONE INCH WHEN YOU SIT ON YOUR BIKE RIDING WITH.
- GO RIDING, AND ADJUST SPRING RATE ON-THE-GO TO YOUR PREFERENCE.

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PARTS INCLUDED:

- | | |
|------------------------------------|--|
| (1) 112-2103 - RHS SHOCK | (1) 200-3002 - AIR TUBING, 3 FT. |
| (1) 112-2104 - LHS SHOCK | (1) 200-3000 - TUBE CUTTER |
| (1) 112-1206 - COMPRESSOR ASSEMBLY | (4) 102-1107 - SPACER, 0.50 X 0.75 X 0.33" |
| (1) 800-0054 - WIRING HARNESS | (4) 108-1101 - SPACER, 0.50 X 0.75 X 0.12" |
| (1) 200-1711 - HANDLEBAR CONTROL | (1) 200-2003 - Y-FITTING |

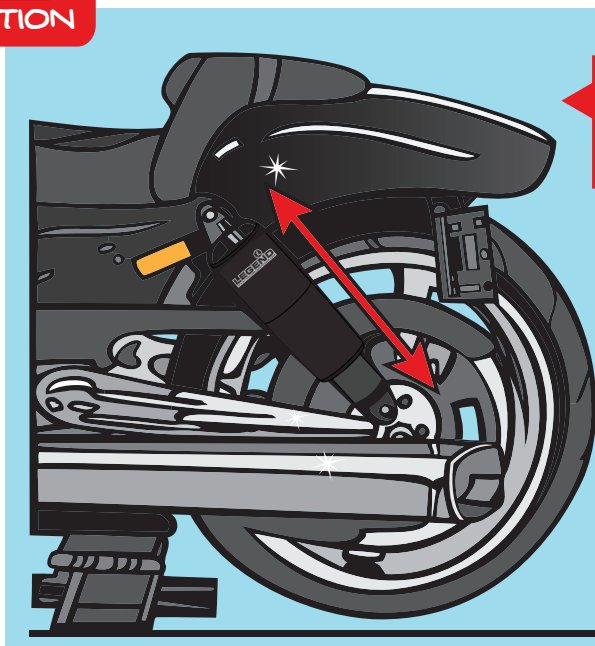
ATTENTION!

INSTALLATION GUIDE:

INFLATING SHOCKS FOR FIRST TIME



EXTENDED



WRONG!
BIKE ON JACK

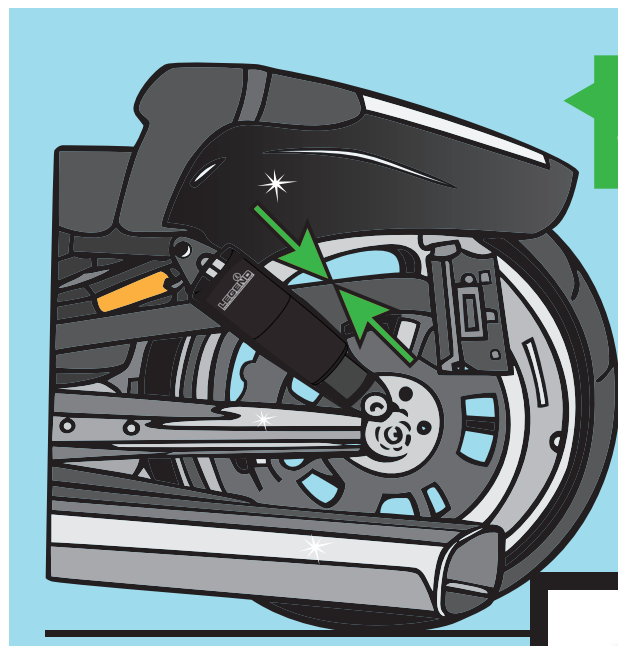
PHOTO OF PINCHED
AIR BAG.
DO NOT DISASSEMBLE
SHOCKS, OR WARRANTY
WILL BE VOID.

**DO NOT INFLATE SHOCKS WHEN
BIKE IS OFF OF THE GROUND AND
SHOCKS ARE EXTENDED.**

**NOTE: PINCHED AIR BAGS ARE
NOT COVERED UNDER
WARRANTY!**



COMPRESSED



CORRECT!
BIKE OFF JACK

PHOTO
OF NORMAL
AIR SPRING.

WHEN INFLATING SHOCKS FOR
FIRST TIME, LOWER BIKE TO
GROUND AND MAKE SURE
SHOCKS ARE FULLY
COMPRESSED.
THEN APPLY AIR.

THIS WILL PREVENT PINCHING
OF THE AIR BAGS.





WARNING

During installation of your Legend **AIR** 's do not apply air to the shocks with the bike on the jack and the shocks extended. Make sure the shocks are fully compressed under the weight of the bike before applying air.

Failing to do so may cause the air springs to become rolled, resulting in a poor ride quality, air leaks, and/or damage to the shocks.

Thank you, Legend Suspensions Tech Team!

If you have any questions or concerns, feel free to contact our customer support team by emailing service@legendsuspensions.com.

LEGEND

TECH



TECHNOLOGY
LEGEND AXEO

FIG.1.



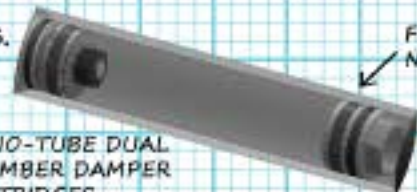
FIG.2.



2017+ MODELS
RETAIN DUAL BENDING
VALVE TECHNOLOGY

STANDARD OR
LOWERED LENGTHS

FIG.3.



FLOATING PISTON
NITROGEN CHAMBER

FIG.4.



MONO-TUBE DUAL
CHAMBER DAMPER
CARTRIDGES

DETAIL A
SCALE 1 : 1

FIG.5.



HIGH PERFORMANCE
SPRING RATE

MACHINED BILLET
303 SS PRE-LOAD
ADJUSTER

SPHERICAL MOUNT
BEARINGS ON BOTH
TOP AND BOTTOM

FIG.8.



EXCLUSIVE ARAMID
FIBER AIR SPRINGS
PROVIDE SPRING RATE
ADJUSTABILITY

LOW-FRICTION SEALS
ELIMINATE STICTION

SIX EXTERNAL KNOB
ADJUSTMENTS ALLOW
RIDERS TO FINE TUNE
TO THEIR DESIRED
QUALITY OR PERSONAL
PREFERENCE

TECHNOLOGY
LEGEND AIR

TECHNOLOGY
LEGEND REVO-A

FIG.6.



LEGEND'S TOURING
SPECIFIC SPRING
RATES PRODUCE
SUPERIOR RIDE
QUALITY AND
PERFORMANCE

FIG.7.



SIX EXTERNAL KNOB
ADJUSTMENTS ALLOW
FINE-TUNING OF
REBOUND FOR OPTIMUM
PERFORMANCE FOR ANY
GIVEN RIDER WEIGHT,
PERSONAL RIDE QUALITY
PREFERENCE, OR PERSONAL
RIDING STYLE

TECHNOLOGY
LEGEND AIR-ST

FIG.9.

AIR SPRINGS MAXIMIZE
WHEEL TRAVEL AND
ADJUST TO ANY DESIRED
RIDE HEIGHT

HARD-ANODIZED
MACHINED ALUMINUM
BODIES

EXCLUSIVE ARAMID FIBER
AIR SPRING TECHNOLOGY
PROVIDES SPRING RATE
ADJUSTABILITY

HIGH FLOW PISTON
REACTS QUICKLY FOR
IMPROVED FLUID FLOW
MANAGEMENT

