

PIVOT BUSHING KIT
21016
67-69 GM F-BODY

Thank you for your purchase.

*Please call us at 877 - 4NO - ROLL if you have any questions
regarding the service or installation of your Hotchkis Performance products.
Please read the entire Instruction Manual before starting the installation.*

Installation of Hotchkis Leaf Spring Pivot Bushing

1 *Raise the Car*

Lift from the frame to access the leaf spring and safely secure it on jack stands.



2 *Disconnect the Shock*

Unbolt the lower shock mount.



- 3 *Disconnect the Spring Mount*
Remove the nuts that hold the spring to the axle.



- 4 *Disconnect the Rear Shackle of the Spring*
Remove the bolts holding the leaf spring in the rear.



5 *Disconnect the Front Mount of the Spring*

Remove the 3 bolts holding the leaf spring in front and remove the spring.



6 *Remove the Shackle*

Remove the shackle hardware.



- 7 *Remove the Rear Bushing*
Remove the rear bushings in the frame.

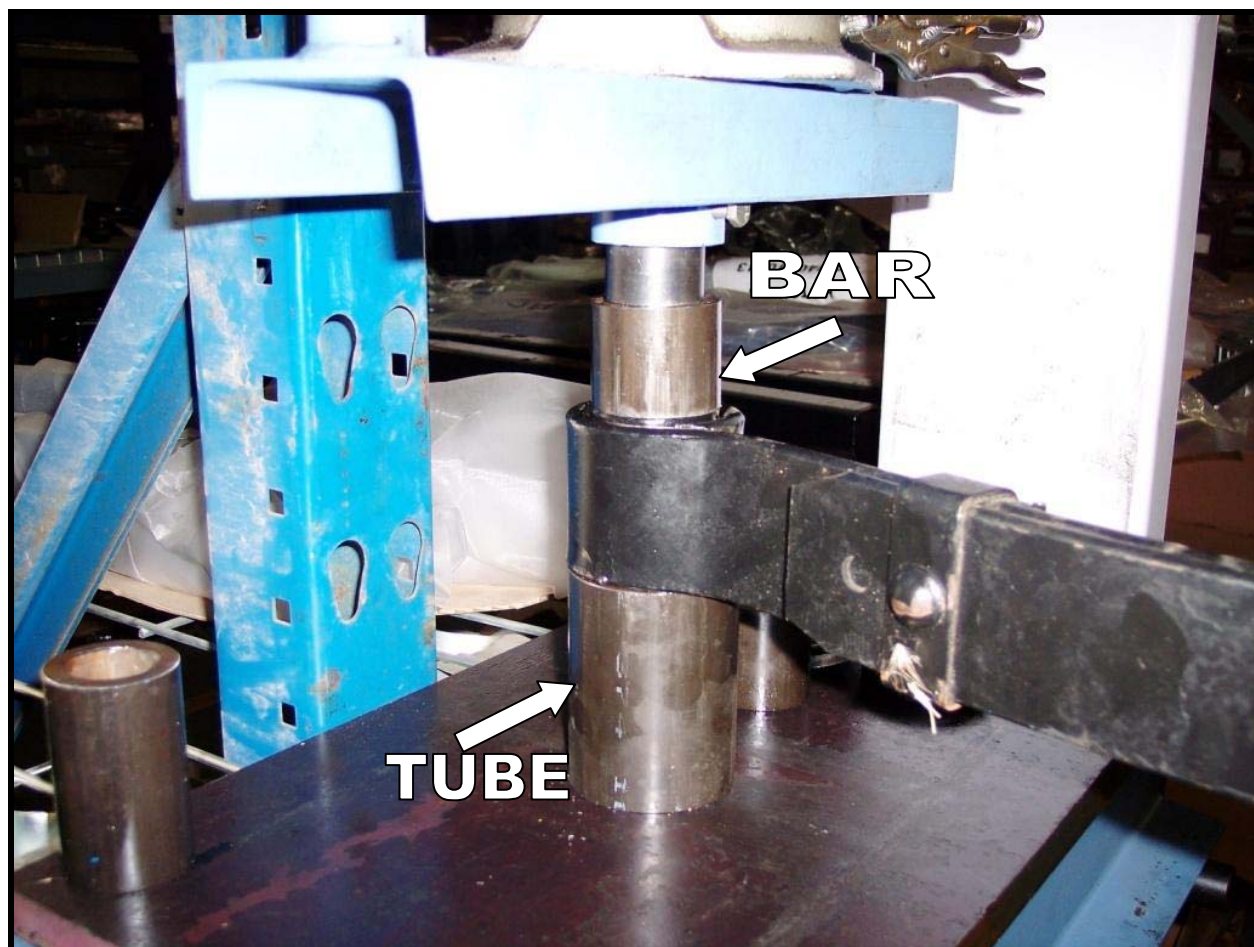


- 8 *Remove the Rear Leaf Spring Bushing*
First remove the sleeve from the bushing. Then pry out the rubber bushing from each side.



9 *Remove the Front Leaf Spring Bushing*

Remove the mounting bracket and remove the front leaf spring bushing with the supplied tools and a hydraulic press.

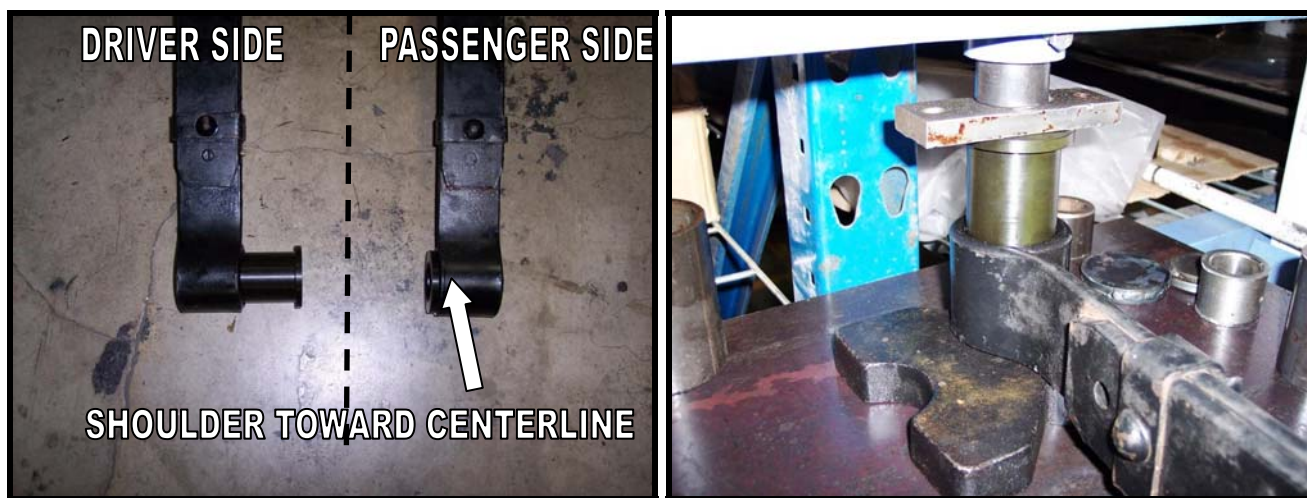


10 *Clean Out the Bushing Surface*

Clean out the bushing mating surfaces on both ends of the leaf spring

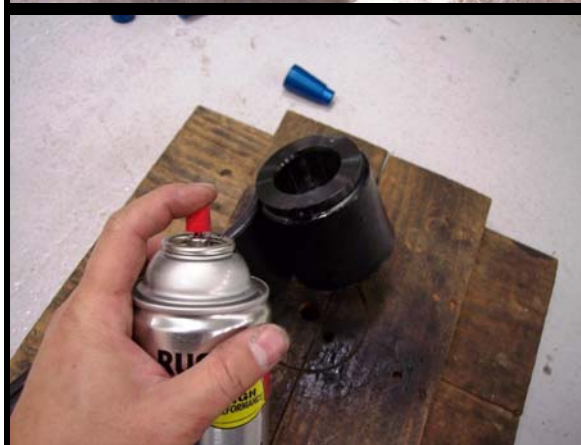
**11** *Press Fit the Metal Can into the Front of the Leaf Spring*

Using a hydraulic press, press fit the metal can into the front of the leaf spring. Ensure that the shoulder of the can will face the center of the car (the can will be pushed from the inside toward the outside).

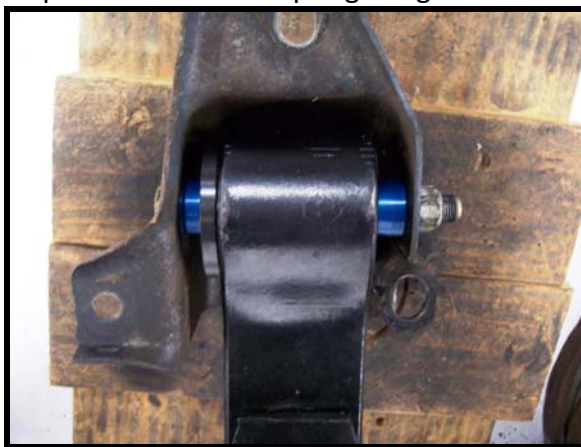


12 *Weld the Cans to the Leaf Spring*

Grind down then weld the press fit cans into the leaf springs. Do not weld on the initial bend of the spring forming into the bushing hole. After, coat with black paint to prevent corrosion.

**13** *Install the Front Leaf Spring Mount*

Install the misalignment spacers and bolt it up to the front leaf spring hanger.



14 *Install the Rear Leaf Spring Bushings*

Install the polyurethane bushings into the leaf springs from both sides. Make sure to generously grease the bushing with the supplied grease. Once the bushings are installed, install the sleeve. Make sure you do not install the Delrin bushing into the leaf spring. The Delrin bushings actually have machine lines on them while the polyurethane does not and the polyurethane bushing has grooves in it.



15 *Install the Frame Bushing*

Install the Delrin bushings into the frame from both sides. Make sure to generously grease the bushing with the supplied grease. Once the bushings are installed, install the sleeve.



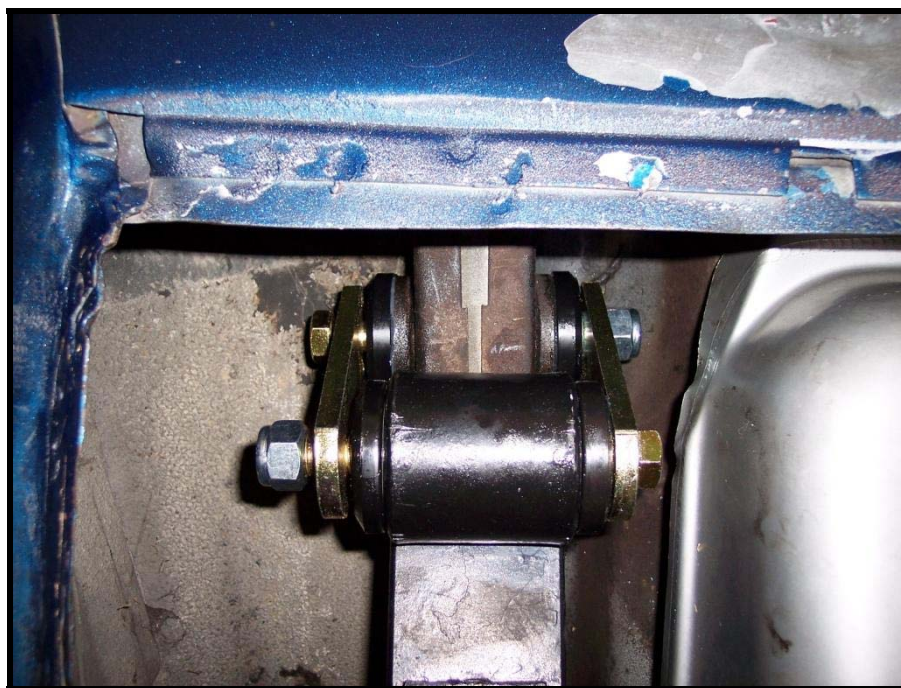
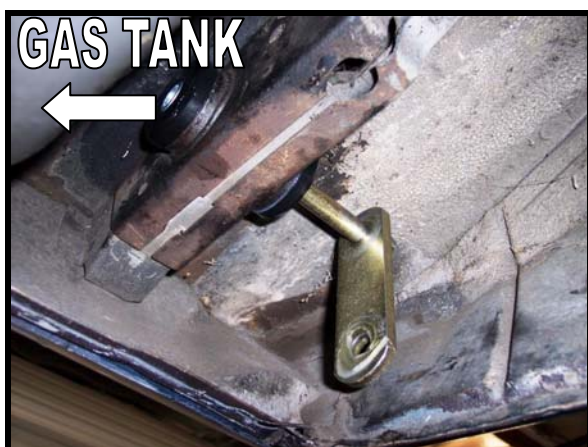
16 *Reinstall the Front Hanger*

Reinstall the front hanger reusing previous three mounting bolts.



17 *Reinstall the Shackle*

Reinstall the shackle reusing previous hardware. Ensure proper mating of the leaf spring to the axel. When assembling rear shackle bolt through frame bushing, make sure the head of the bolt facing away from the gas tank and then place the other half of the shackle through the leaf spring bushing where the head of the bolt is facing toward the gas tank. Do not fully tighten the nuts to the shackle until the car is at ride height to prevent damage to the leaf spring bushings.



18 *Reattach Axle Mount*

Reattach the axle mount using previous hardware.



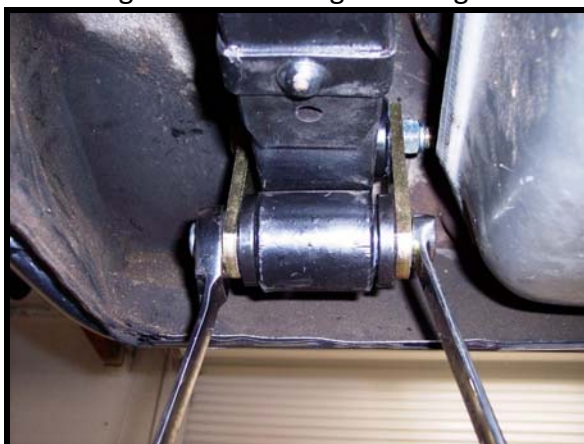
19 *Reattach Shock*

Reattach the shock using previous hardware.



20 *Lower the Car and Fully Tighten the Shackle*

Lower the car so it is resting on its own weight and tighten the shackle.



Hotchkis Performance LLC Return Policy & Limited Warranty

Effective December 1, 2010 all Hotchkis products must be registered to qualify for warranty at www.hotchkis.net or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.

IMPORTANT: This warranty supersedes all other warranties included with this product.

Return Policy

We want you to be completely satisfied with your Hotchkis Performance product. For products, presenting signs of shipping damage please contact the freight carrier immediately. All our products are guaranteed to be free from manufacturer's defects. If your order arrives with a manufacture defect, please contact our Customer Service Department at (562) 907-7757. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The product has to be unused and in its original packaging materials. Exchanges or refunds made after 30 days will be subject to a 20% restocking charge. **If you purchased your Hotchkis Performance product from an authorized dealer, you are still covered by this return policy. All returns however, should be made to your dealer, not to Hotchkis Performance directly.**

Limited Warranty

Hotchkis Performance offers a Limited Warranty against defects in materials and workmanship for the term of 36 months (3 years) from the date of purchase of this product. This Warranty only applies to the original retail purchaser who retains ownership of the vehicle on which the product was originally installed. If the product is determined to be defective, Hotchkis Performance will repair, replace or refund the purchase price of the defective product at Hotchkis Performance's sole discretion, which shall fully satisfy and discharge any and all warranty claims. Any repaired or replaced product will be returned to the sender excluding the cost of freight. **Products must be registered to qualify for warranty at www.hotchkis.net or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.**

Exclusions from Warranty

Items offered but not manufactured by Hotchkis Performance are warranted according to the manufacturer's terms and are not covered by this limited warranty. Hotchkis Performance shall not be responsible for any labor, removal, installation, re-installation or maintenance costs. This warranty does not cover the cosmetic finish or plating of any product or any normal wear and tear to any product including, but not limited to bushings, brackets, end-links, hardware, steering components, shocks or springs. In addition, this warranty does not apply to any products that have been:

- Improperly installed or installed by someone other than a qualified, licensed auto mechanic experienced in the installation and removal of suspension products;
- Improperly serviced, misused, or modified, altered or subjected to abuse, negligence, accident or collision;
- Installed in any vehicle that has been modified;
- Installed on any vehicle that has carried loads in excess of automobile manufacturer suggested weight limits; or
- Installed on any vehicle that has been subject to abnormal or excessive use, including rallying, racing, or racing-type activities or off-road use.

Limitation of Warranty

This limited warranty is the entire and only warranty for the products and may not be modified or supplemented by any other person or company in any form. Any description of the products, by anyone, is for the sole purpose of identifying them and is not part of the basis of the bargain, and does not constitute a warranty that the products will conform to that description. The statements of any salesperson do not constitute part of this limited warranty and cannot be relied upon as a warranty.

THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ANY IMPLIED WARRANTIES ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW. THIS WARRANTY DOES NOT COVER CONSEQUENTIAL DAMAGES, LOSS OF TIME OR REVENUES, INCONVENIENCE, LOSS

OF USE OF THE VEHICLE, DAMAGE TO THE VEHICLE OR COMPONENTS OF THE VEHICLE, ANY OTHER TYPE OF CONSEQUENTIAL DAMAGES, OR OTHER INCIDENTAL OR INDIRECT DAMAGES. HOTCHKIS' MAXIMUM LIABILITY UNDER THIS WARRANTY SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages and in such states the above limitations or exclusions may not apply. This limited warranty gives the purchaser specific legal rights and the purchaser may have other rights that may vary from state to state.

Technical Information

Hotchkis Performance makes every effort to ensure that you are provided with the most accurate and up-to-date technical information. However, all technical information is approximate and may vary upon application. Additional suspension components may be needed in some applications, depending upon the make, model, engine and chassis of the vehicle. Hotchkis Performance is not responsible for any consequences resulting from manufacturer's technical mid-year changes. Hotchkis Performance products should only be installed by a qualified, licensed auto mechanic experienced in the installation of such products.

Warranty Claim Procedure:

The answer to ALL the following questions should be YES before making a warranty claim:

- Did you register the product at www.hotchkis.net or via the mail-in warranty card within 30 days of purchase?
- Is the product appropriate to your application?
- Did you carefully and thoroughly read the instructions provided along with the product?
- Do you have the original invoice or sales receipt?
- Is the return date within 36 months from the purchase date?
- Are you the original purchaser?
- Was the product properly installed by a qualified, licensed auto mechanic?
- Has the product been installed on the original vehicle on which it was installed at all times?
- Is the product unmodified and clean?
- Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at (562) 907-7757. You will be given a Returned Goods Authorization Number (RGA) valid for 60 days. You will also be asked to ship the product prepaid to our facility. All shipments MUST be (i) prepaid, (ii) include the original invoice or sales receipt, (iii) show the RGA on the outside of the package and (iv) include your name, address, make and model of the vehicle, and a brief description of the claimed defect, including the circumstances under which the defect occurred. If the warranty claim is deemed valid then Hotchkis will estimate shipping costs to return the repaired or replacement part and contact you for payment. Hotchkis's Limited warranty requires that any repaired or replaced product will be returned to the sender excluding the cost of freight. Warranty related inquiries should be sent to the following address:

HOTCHKIS PERFORMANCE, LLC
C/O CUSTOMER SERVICE
8633 Sorensen Avenue
SANTA FE SPRINGS, CA 90670

Hotchkis Performance will not accept product returns without the RGA number, receipt and the information described above. C.O.D. or collect shipments will be refused. Once the returns are received at Hotchkis Performance, we will evaluate the products, verify the sales receipt, and investigate the warranty claim. Any repaired or replaced product will be returned to the sender.

Effective December 1, 2010. This return policy and limited warranty supersedes all previous policy and warranty statements. Policies and warranties are subject to change without notice. Hotchkis Performance is not responsible for printing errors.