

# **HOTCHKIS** **HOTCHKIS** **SPORT SUSPENSION**

2255 SPORT SWAY BAR SET  
62-69 CHRYSLER B-BODY



Thank you for your purchase.

Please call us at 1-877-4NO-ROLL if you have any questions regarding your Hotchkis Performance products. Visit us online @ [www.hotchkis.net](http://www.hotchkis.net)

This installation may require drilling new mounting holes in the frame for rear sway bar and welding for the front. Please read the instructions carefully to avoid unnecessary drilling.

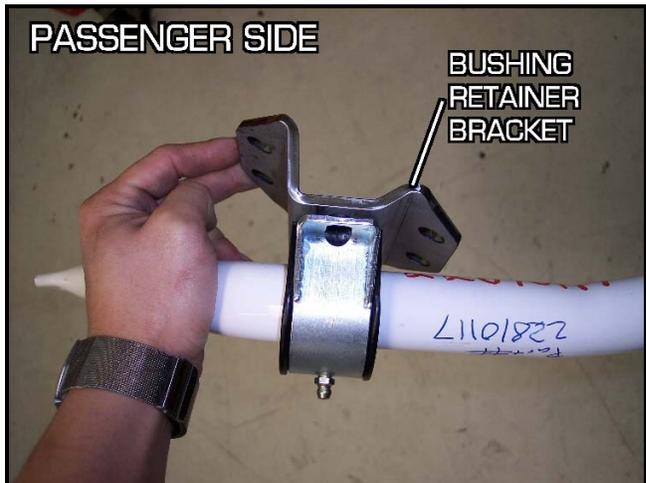
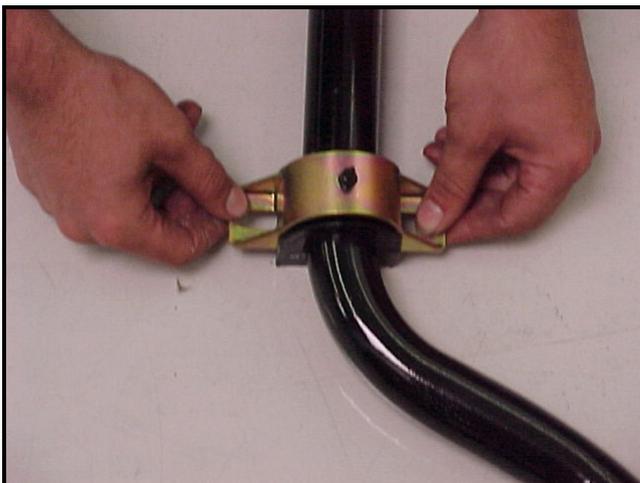
## **INSTALLATION OF HOTCHKIS PERFORMANCE FRONT SWAY BAR**

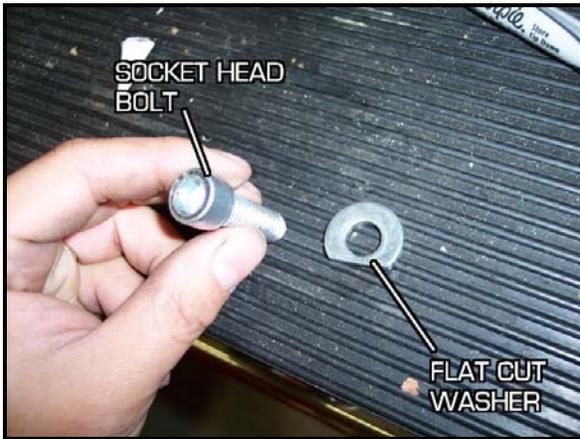
1. This installation should be done on a 4 post alignment rack or drive on ramps. It is important that the car's weight is on all 4 wheels in order to ensure that the suspension is in normal static ride height position.
2. Begin by unbolting the metal radiator brace at the front of the vehicle that connects to the radiator support to the front of the K-member. Please retain the radiator brace and the stock hardware for reinstallation.
3. Unbolt and remove the stock end links connecting the old sway bar ends to the lower control arms.
4. Unbolt and remove the stock bushing retainer brackets. The bushings are trapped in the brackets and should be removed with the brackets and stock sway bar. The entire assembly should just drop out when unbolted.

5. Our main objective is to find out where you will be welding on the Hotchkis bushing retainer brackets. In order to do that you will have to mock up where the bar is going to be positioned. We will first attach the bar to the end links. Raise the Hotchkis front sway bar into position on the car. Install the end links that connect the lower control arm to the sway bar ends. See picture. Snugly tighten, but do not make too tight.

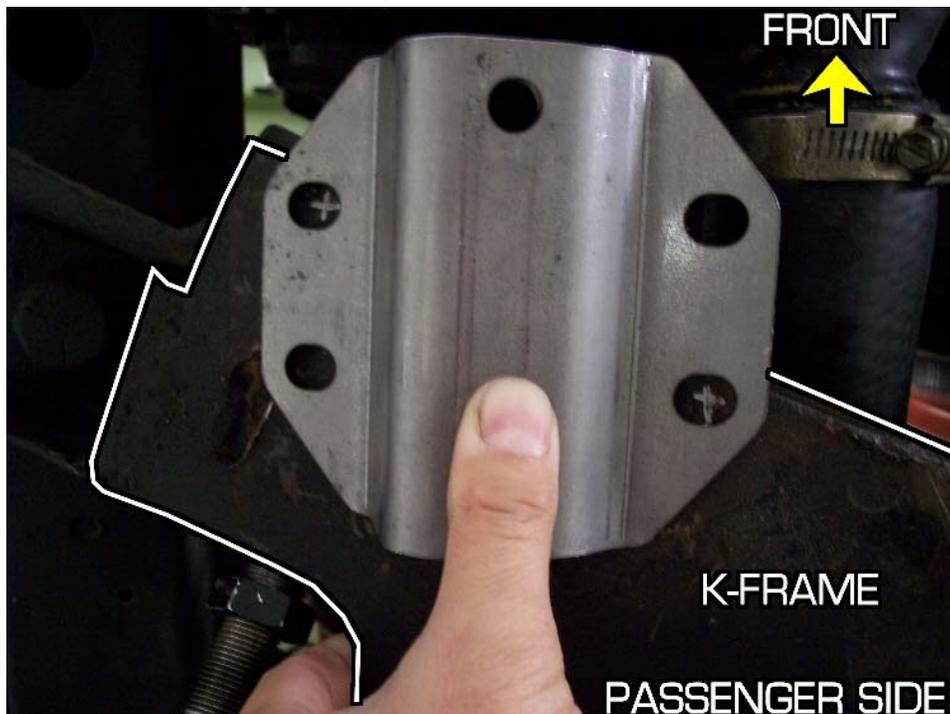


6. Once the end links are attached, install the bushings and brackets to the bar. Make sure to apply the included silicon grease. You will also need to install the new Hotchkis bushing retainer bracket onto the bushing bracket as shown in the picture. Attach the driver and passenger side D-Shaped bushing & bracket and position them as outboard as possible.

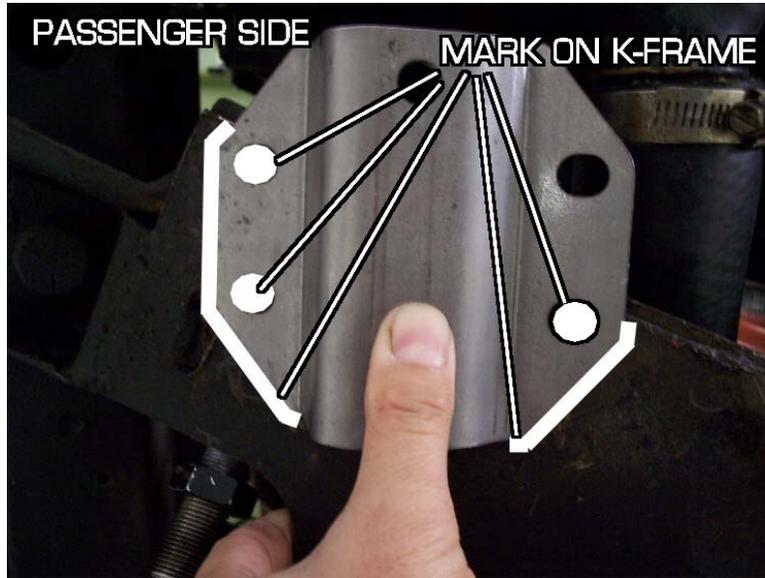




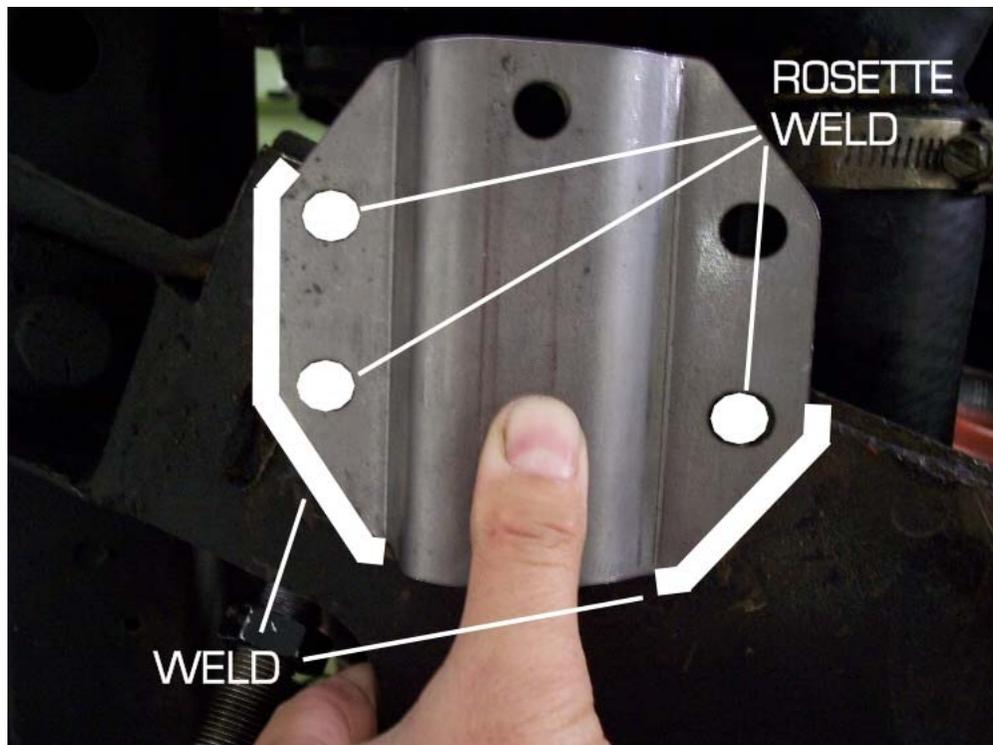
Now you can raise the bar up until the bushing retainer brackets mate flush to the k-frame bottom surface. Make sure the center section of the sway bar is not contacting any part of the k-frame. Bushing retainer bracket should be positioned similar to the picture below. The white outline depicts the k-frame. (Picture shows bracket disconnected from the sway bar for clarity purposes.)



Use a paint marker to mark where the holes are as well as the outer edges that mate with the k-frame. (Picture shows bracket disconnected from the sway bar for clarity purposes.)



7. Once the k-frame is marked, use an angle grinder with a sand paper attachment to remove all of the paint and grime on the areas previously marked. What we are doing is cleaning the area that is going to be welded. You will also need to sand the bushing retainer bracket in the mating areas too.
8. Reposition the bar back onto the k-frame so the retainer bracket is sitting flush with the k-frame. A jack does a good job of holding the bar in place for you. You will now weld the bracket to the k-frame. The best way to start is to tack weld a couple of spots around the bracket. Once the brackets are secure, unbolt the D-shaped bushing bracket and end links to get the bar out of the way. Finish welding a bead as shown in the picture below. Also weld up the holes creating a rosette weld.



9. Use some black spray paint to coat the exposed metal
10. Reinstall the end links and D-shape bushings & brackets. Fully tighten all hardware.
11. Reinstall the stock radiator brace.

You are finished with the front sway bar installation.



# HOTCHKIS HOTCHKIS SPORT SUSPENSION



## INSTALLATION OF HOTCHKIS PERFORMANCE REAR SWAY BAR

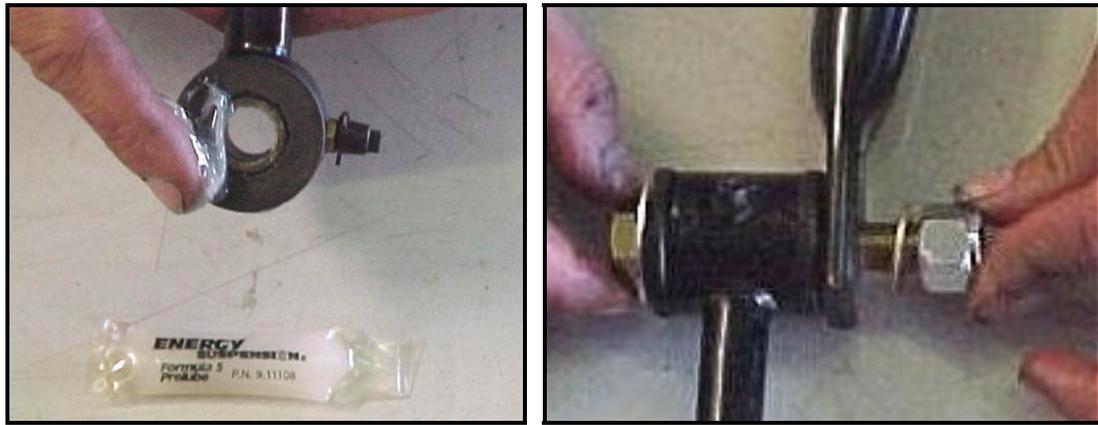
- 1) Securely block the front wheels of the vehicle. Jack up the rear of the vehicle and place it on jack stands. Place the jack under the differential housing on the axle to raise the axle to the vehicle ride height for installation of the sway bar.
- 2) Locate the hole on the bottom of each side of the frame behind the rear axle. Use the triangle mounting brackets provided to locate and mark on the frame the location of the second hole.



- 3) Use the mark made on the frame to drill a 1/2" diameter hole. The studed bracket included in the kit should now drop into place through the two holes in the frame. Use the larger hole in the frame to slide the bracket into the frame.



- 4) Use the grease pack provided with the kit to apply a thick coat of grease to the sides of the dog bone end link bushings. Attach the end links to the sway bar on the outside of the sway bar ends. Install the hardware with the bolt head towards the outside of the frame. The larger washer should be against the bushing and the smaller washer will be to the inside against the sway bar. See the picture below for assembly.



- 5) Use the grease pack to also apply a thick coat of grease to the insides of the sway bar bushings. Place the bushings over the bar with the split of the bushing facing towards the rear. Install the bushing retainer brackets over the bushings.



- 6) Attach the triangle brackets to the stud plates on the frame. Tighten the attaching hardware, as this is easier to do before installing the sway bar. With the brackets attached to the frame the bar can be lifted into place. Connect the end links to the brackets. The sway bar should be hanging loosely from the brackets at this point.



- 7) Place the u-bolts over the rear axle. Slide the axle brackets over the ends of the u-bolts with the curved side up against the axle. Rotate the bar into position and slide the bushing retainer brackets over the ends of the u-bolts. Start the nylock nuts onto the ends of the u-bolts to loosely hold the bar to the axle.



- 8) Use the tube of anti-seize included with the kit to apply a small amount to each set of threads on the u-bolt. **DO NOT** tighten the nylock nuts without using anti-seize! You could ruin the nuts or snap the u-bolt without it.



- 9) Make certain that the rear axle is at normal ride height to establish the proper orientation of the sway bar. Tighten the u-bolt hardware to mount the sway bar brackets to the axle. At this point you can now adjust the stiffness of the sway bar. Change the end link mount to the hole in the end of the bar to change the stiffness of the bar.



In the above picture the hole to the left is stiffer and the hole to the right is softer. Check that all attaching hardware is tight. Make certain the zerk fitting caps are covering the grease fittings. Lower the car from the jack stands and you're done!



**CHECK ALL HARDWARE** after the first five miles.

**IMPORTANT** Grease your sway bar bushings at least once a year (every 15,000 miles) to help prevent squeaking. Use a non-lithium based grease only to lube the bushings. Lithium based grease can wash out with water. If excessive squeaking occurs the bushings may be dry and need servicing or replacement.



SEE NEXT PAGE FOR PARTS LIST!

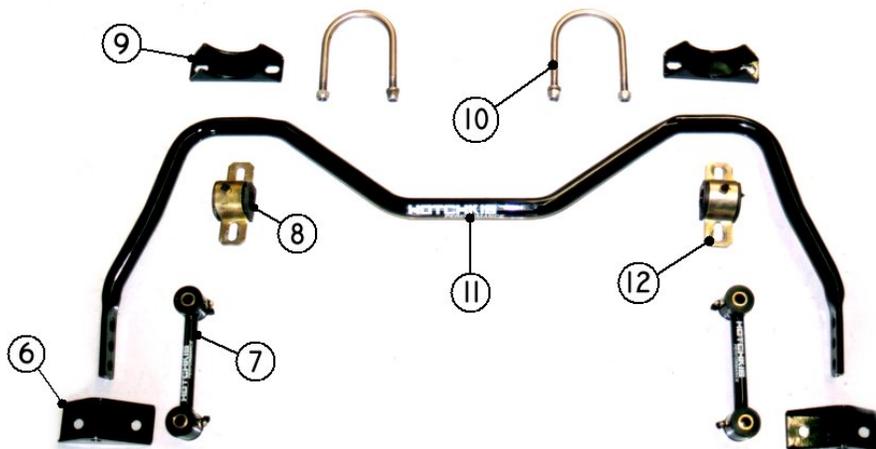
**69-69 Chrysler B-body Sport Sway Bar Kit, Parts List**  
**P/N 2255**



Hotchkis P/N	Item Description	Quantity Per Kit
1	22810117 62-69 Chrysler B-body Front Sway Bar, Black Powder Coated	1
2	5638.01 1-3/8" Greasable Sway Bar Bushing, Truck Style	2
3	23090074 Greasable Sway Bar Bracket, Truck Style	2
4	98118G End Link Set with Hardware (contains two end links)	1
5	23410117 62-69 Chrysler B-body Frame Bracket, Black Powder Coated	2
6	T2221 Rear Frame Bracket Kit (contains two triangle brackets)	1
7	25210037 6" Long "Dog Bone" End Link Kit (contains two end links)	1
8	5340G 1" Greasable Sway Bar Bushing, Car Style	2
9	T2211 Rear Axle Sway Bar Mounting Kit (contains axle brackets)	1
10	T1722 3" U-bolt Kit (contains two U-bolts & hardware)	1
11	22910117 62-69 Chrysler B-body Rear Sway Bar	1
12	15.12.06.39 Greasable Sway Bar Bracket, Car Style	2

**Items Not Pictured**

13	23990117 Welded Stud Plate 2.87" Kit (contains two stud plates)	1
14	T1712 Dog Bone hardware Kit	1
15	-	1
16	n/a Instruction Set	1



Visit Hotchkis Performance on the web at [www.hotchkis.net](http://www.hotchkis.net) or  
 Call (562) 907-7757 to order!



## Hotchkis Performance LLC Return Policy & Limited Warranty

Effective January 1, 2009 all Hotchkis products must be registered to qualify for warranty at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.

### 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 of its products. 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](http://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](http://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?**
- **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 inquires should be sent to the following address:

**HOTCHKIS PERFORMANCE, LLC  
C/O CUSTOMER SERVICE  
12035 BURKE ST. SUITE 13  
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 January 1, 2009. 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.**