

# HOTCHKIS HOTCHKIS SPORT SUSPENSION

*Anti-roll bar set*

*22101 – Chrysler Magnum, Charger, 300C, SRT-8*

*22107 – Dodge Challenger*



Thank you for your purchase from our new line of Chrysler parts.  
Please call us at (877) 4NO-ROLL if you have any questions  
regarding the service or installation of your Hotchkis Performance products.  
Visit us online @ [www.hotchkis.net](http://www.hotchkis.net)

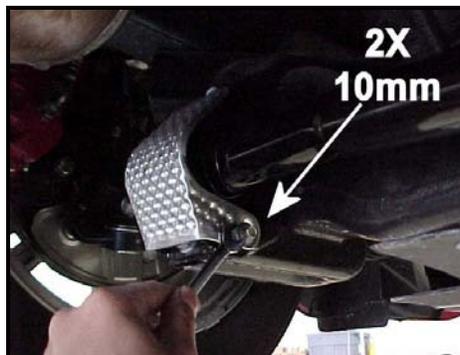
**Warning:** *This installation should be performed by a trained professional. The installation requires lowering of the rear cradle from the vehicle for swaybar removal and reinstallation.*

Tools Required for this Installation

- Hydraulic jack, jack stands, torque wrench (4 post lift or alignment rack preferable)
- The following sockets or wrenches: 10mm, 13mm, 15mm, 16mm, 18mm, 21mm

## *INSTALLATION OF HOTCHKIS FRONT SWAY BAR*

- 1) Secure the rear wheels with blocks and jack the front up. Support the front of the vehicle with jack stands on the frame. Observe the stock sway bar orientation and position for reference.  
Note: If you are using a 4 post lift or alignment rack, you do not have to jack the front up.
- 2) Remove the heat shields that cover the subframe mounts using a 10mm wrench or socket.



- 3) Remove the subframe mounts by unbolting 2 bolts per mount using a 15mm socket. The Sway bar should be hanging by it's endlinks at this point. Retain all hardware and brackets for reinstallation.



- 4) Detach the endlinks from the sway bar using a 21mm wrench and a 10mm wrench.

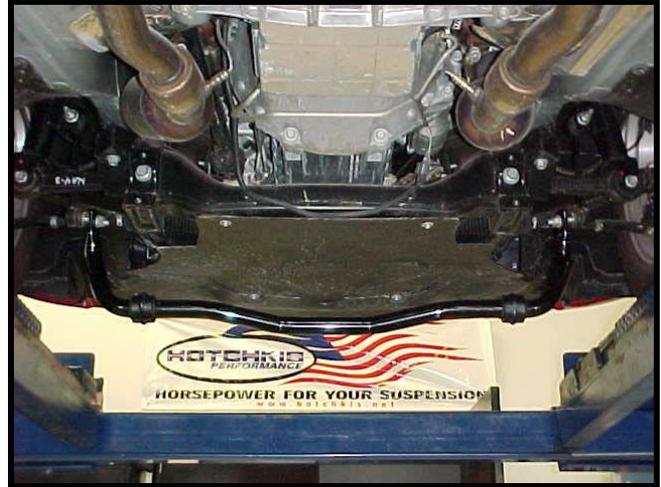
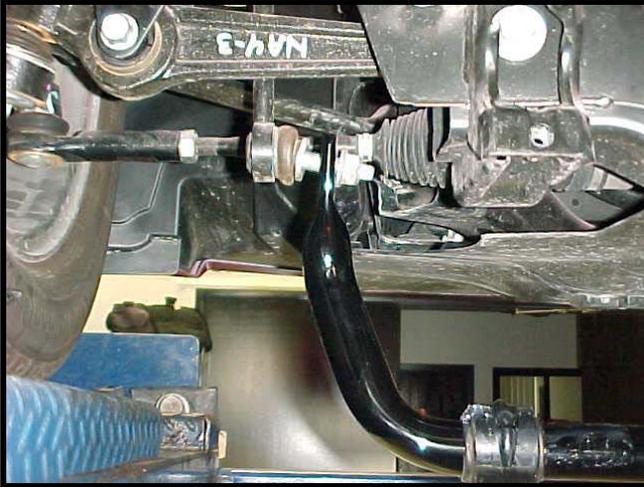


- 5) Apply a healthy amount of the provided grease to the new Hotchkis polyurethane bushings. One pack per bushing should be used. Your kit comes with 5 packs of grease (2 for front, 1 for rear, 2 for front after 6-12 months). Your front bushings will need to be maintained with grease every 6-12 months depending on your driving conditions. We include 2 extra packs for this purpose.

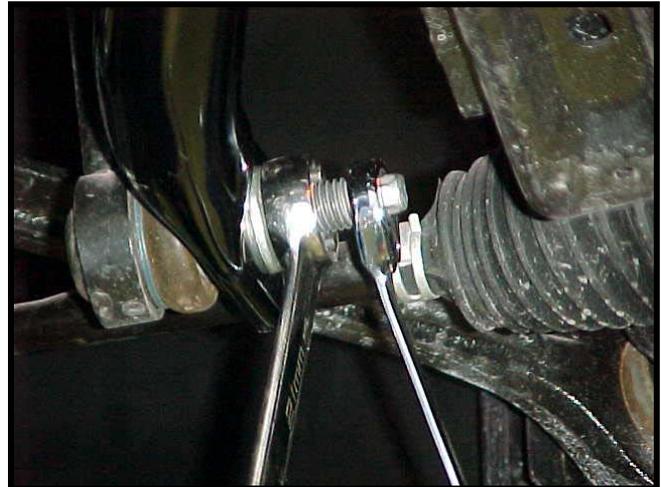
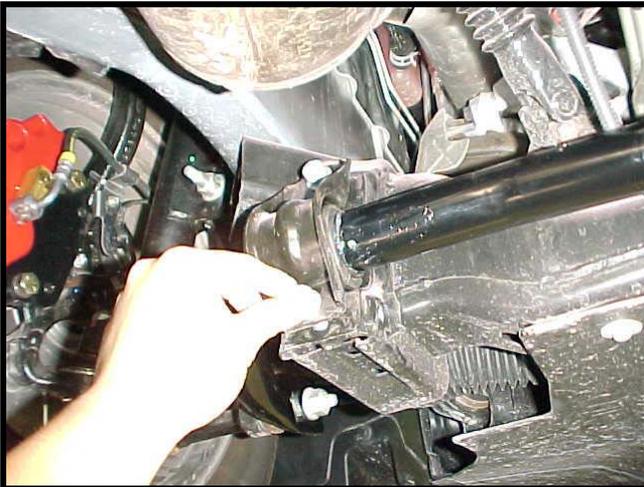
Once greased, install the new bushings onto your new Hotchkis sway bar.



- 6) Reinstall in the same manner as removal. Attach the endlinks to the sway bar. Do not tighten at this time.



- 7) Install the subframe mounts back onto the vehicle. Fully tighten all hardware at this time (including the endlink bolts!)



You are now finished with the front sway bar installation! Make sure that all hardware is fully tightened before driving the vehicle. Let's move on to the rear sway bar installation.

### *INSTALLATION OF HOTCHKIS REAR SWAY BAR*

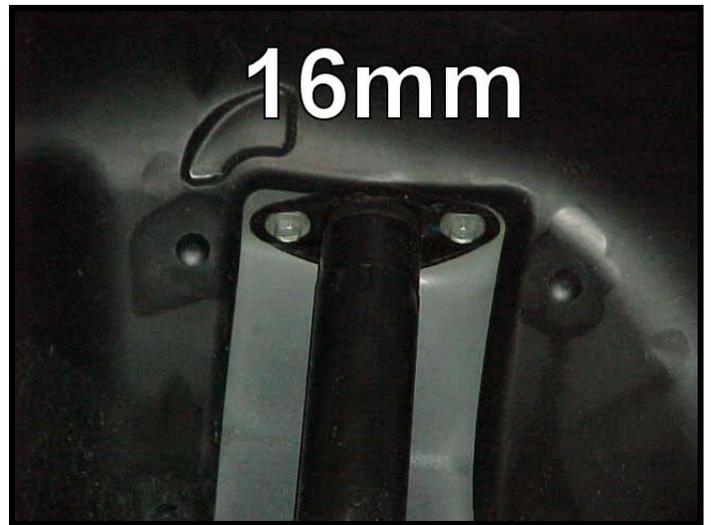
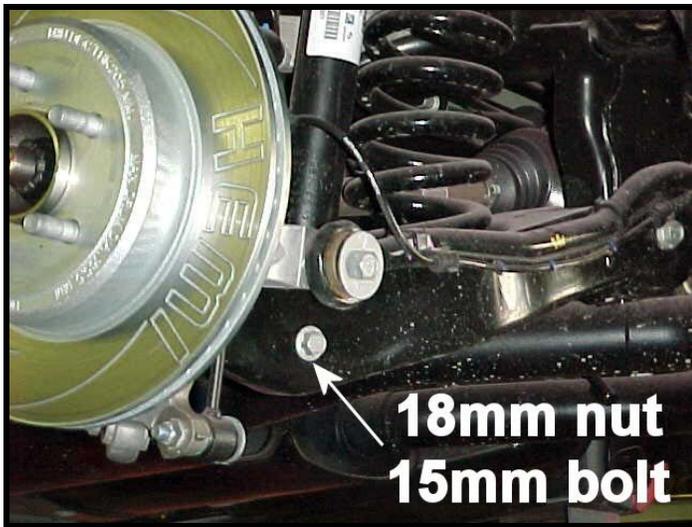
**Installation Note: Some V6 models were not originally equipped with rear sway bars from the factory. If your vehicle does not have a factory rear bar, you will need to purchase the following items from the dealership prior to installation of the rear sway bar. (Factory part numbers are subject to change)**

**Frame mount Bolts 6500399 Qty 4  
Endlink 4766866AA Qty 2  
Endlink Bolts 6102222AA Qty 2  
Endlink Bolts 6102239AA Qty 2  
Endlink Nuts 6104717AA Qty 4**

- 1) Secure the front wheels with blocks and jack the rear up until the rear wheels are off the ground. Support the rear of the vehicle with jack stands on the factory jack points.
- 2) Remove the rear wheels using a 21mm socket.



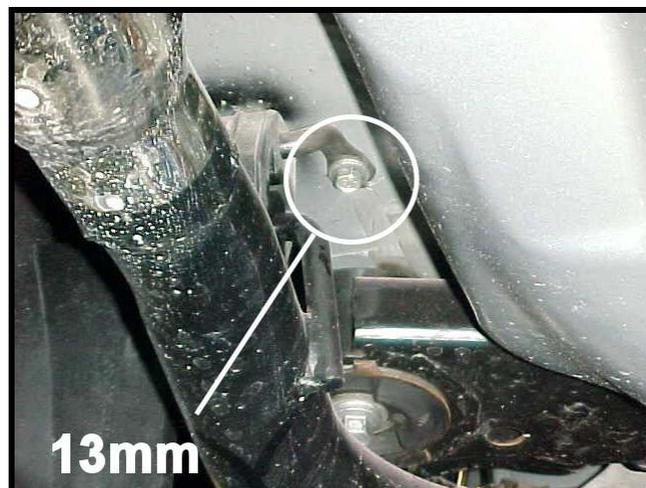
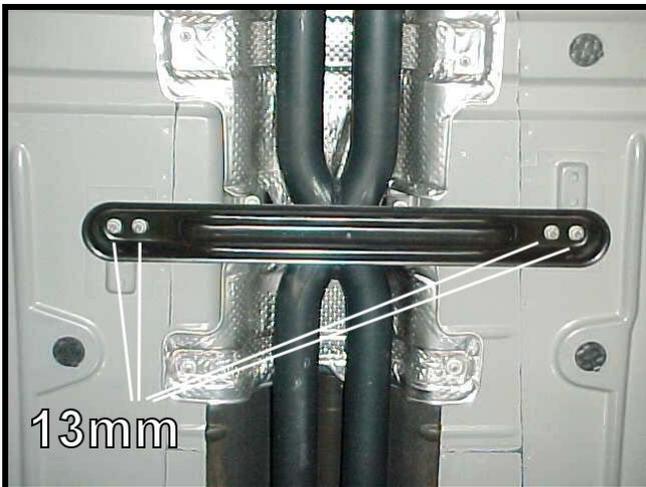
- 3) Begin removing the rear shocks by removing the lower nut and bolt using a 18mm wrench and 15mm socket respectively. Remove the 2 upper shock bolts using a 16mm socket.



- 4) Pull back the plastic splash guard and remove the bolt that holds the brake line to the frame using a 10mm wrench or socket.



- 5) Next, you will need to drop the exhaust system for clearance. Unbolt the mid-brace removing the 4 bolts using a 13mm socket. Spray the rubber hangers in the picture with WD-40 and slide the rubber hanger off the exhaust support. Unbolt the remaining rear hangers using a 13mm socket. Be careful, for the exhaust will drop down once these bolts are out.



- 6) Support the rear axle pumpkin housing with a jack. Try to use wood or a rubber pad to cushion the contact point of the jack and housing. Remember the jack stands should still be supporting the rear of the vehicle.

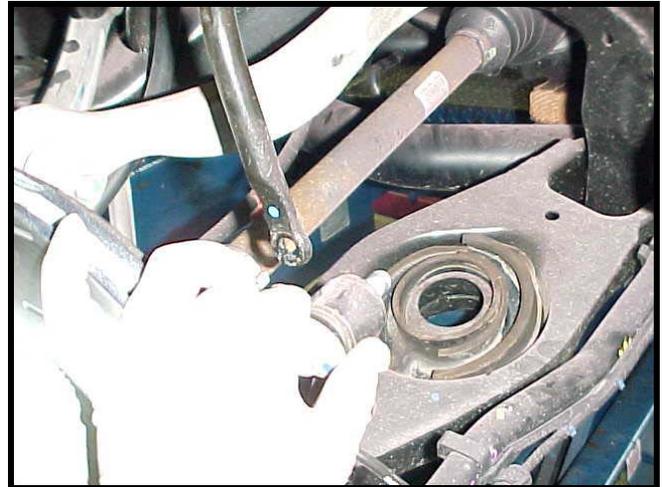
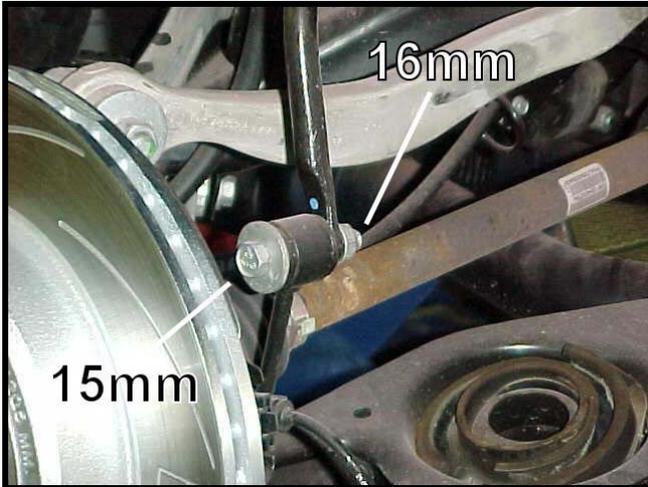


- 7) Once the axle is supported, you can unbolt the 4 bolts that secure the rear cradle to the frame using a 18mm socket.

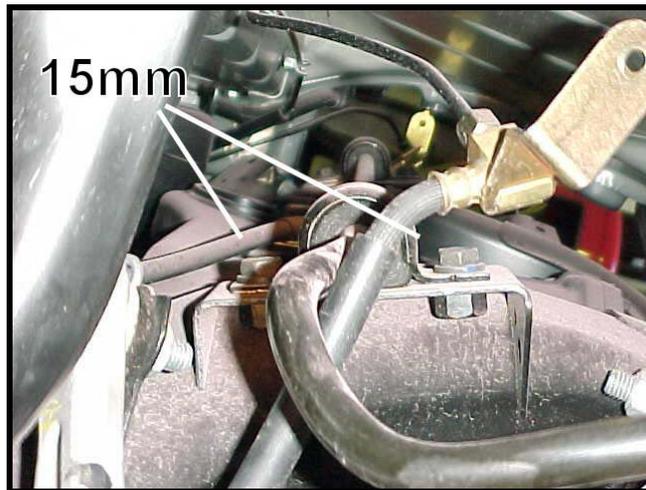


- 8) Lower the jack that supports the axle about 4-5 inches. Make sure not lower it too much to avoid damaging the rear brake hardline.

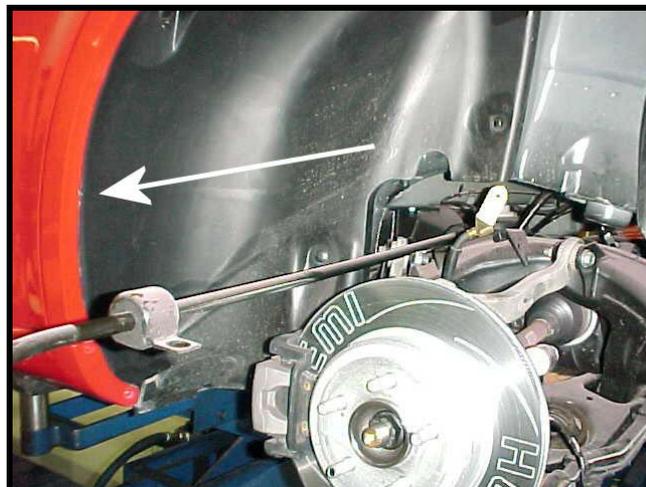
- 9) Detach the endlinks from the sway bar using 15mm wrench on the bolt side and 16mm wrench on the nut side. Retain the hardware for reinstallation.



- 10) Unfasten the 2 bolts securing the subframe mounts using a 15 wrench. Retain the bolts for reinstallation. You may discard the stock bushing brackets.



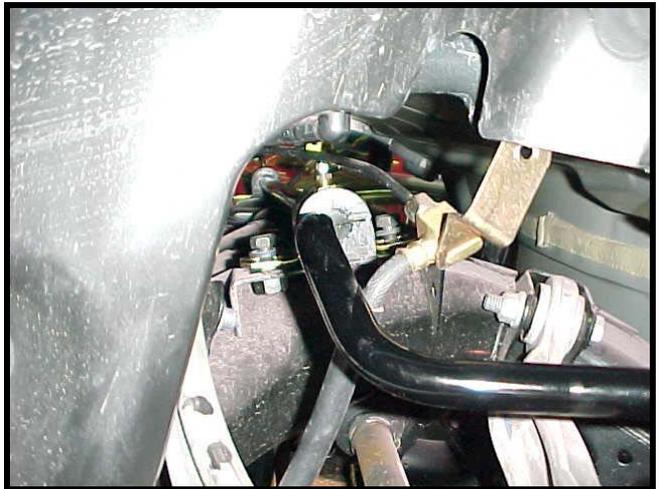
- 11) The bar should be free to come out. The only obstacle when removing the sway bar is the brake lines may be in the way. If so, carefully push the bar around the brake lines.



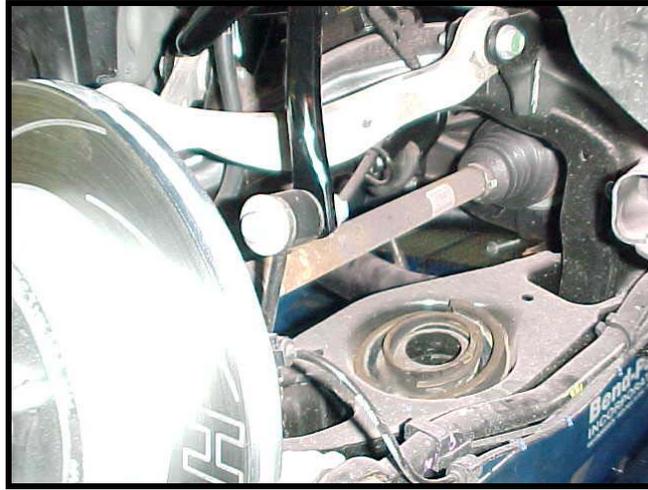
- 12) Compare the stock bar to your new Hotchkis bar for orientation purposes. Lube the bushings with the provided grease and place them onto the bar.



- 13) Feed your new Hotchkis sway bar into the sway bar location in the same manner as removal. Make sure the bar is oriented as shown in the picture. Place the provided bushing mounts over the bushings and make sure the 90° zerk fittings are facing outboard. Fully tighten the stock bracket bolts.



- 14) Reattach the endlinks to the sway bar in the same manner as removal. Fully tighten all hardware



- 15) Once everything is in place, raise the rear axle into position. Do not raise all the way up! You will still need some wiggle room to line up the cradle bolt holes. Start each bolt by hand to ensure proper threading. Once thread started, fully tighten the cradle bolts using a 18mm socket.



- 14) Perform steps 1-6 in reverse order to finish the installation.

You are now finished with the rear sway bar installation! Make sure that all hardware is fully tightened before driving the vehicle. Enjoy your new sport sway bar set!

# HOTCHKIS HOTCHKIS SPORT SUSPENSION

## *Anti-roll bar set*

*22101 – Chrysler Magnum, Charger, 300C, SRT-8*

*22107 – Dodge Challenger*

	Hotchkis P/N	Item Description	Quantity
1	22810321	Front Anti-Roll Bar	1
2	22910321	Rear Anti-Roll Bar	1
3	21810321 (U-62373-BL)	1 3/8" Front Bushing (Magnum)	2
4	5335G	3/4" Rear Bushing	2
5	15.12.06.39	Rear Saddle Bracket	2
6	9.11108	Grease Pack	5





## 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](http://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](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?
- 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.**