

Hotchkis 20416 67-70 Ford Mustang Lower Cross-member Brace

*Thank you for your purchase from our new line of Mustang parts.
Please call us at 877 - 4NO - ROLL if you have any questions
regarding the service or installation of your Hotchkis Performance products.*

IMPORTANT: PLEASE READ THE ENTIRE INSTRUCTION MANUAL BEFORE
STARTING THIS INSTALLATION.

Installation

1 *Measure Camber*

First step is to get the vehicle on a level surface and measure the camber on both front wheels. This is for reference since you will be touching the lower control arm mounting points. Record this camber as "Camber @ Rideheight"

Camber @ Ride height: _____

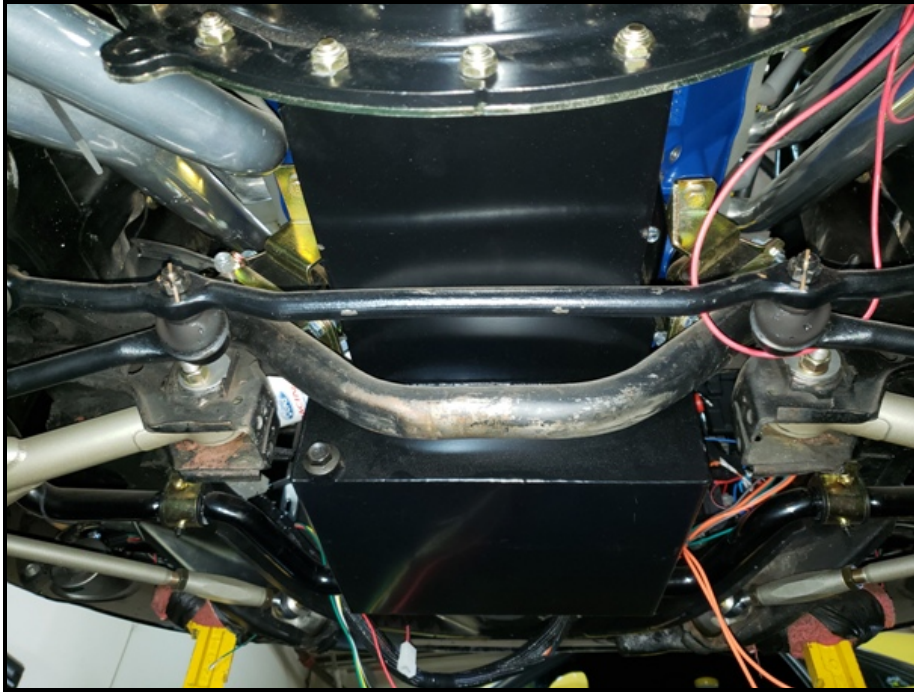
2 *Raise the Front of the Car*

Raise the front of the vehicle using a floor jack, lift, etc. Lift until the front wheels are off of the ground. Use jack stands to secure the vehicle. Chock the rear wheels for safety.

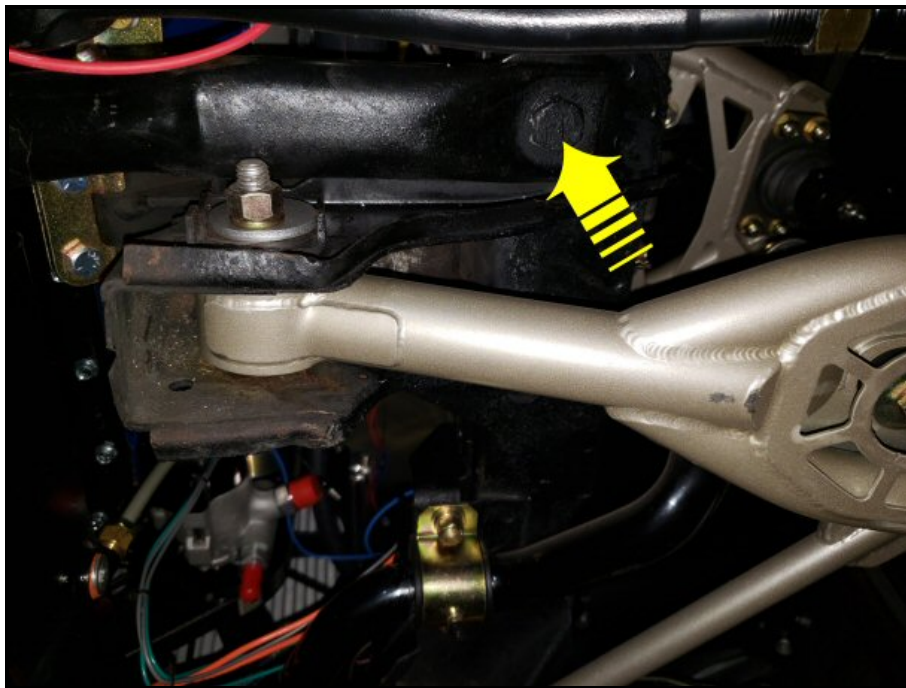
As another reference point, record the camber for both front wheels at this raised droop state. Label this measurement "Camber @ Droop". This measurement is what we will use to set the camber to its original state once we have the Hotchkis components installed. (note: Make sure the wheel being measured is point straight forward)

Camber @ Droop: _____

3 *Remove the Factory Cross-member Brace*
The factory cross-member brace is located underneath the oil pan, just behind the lower control arms.



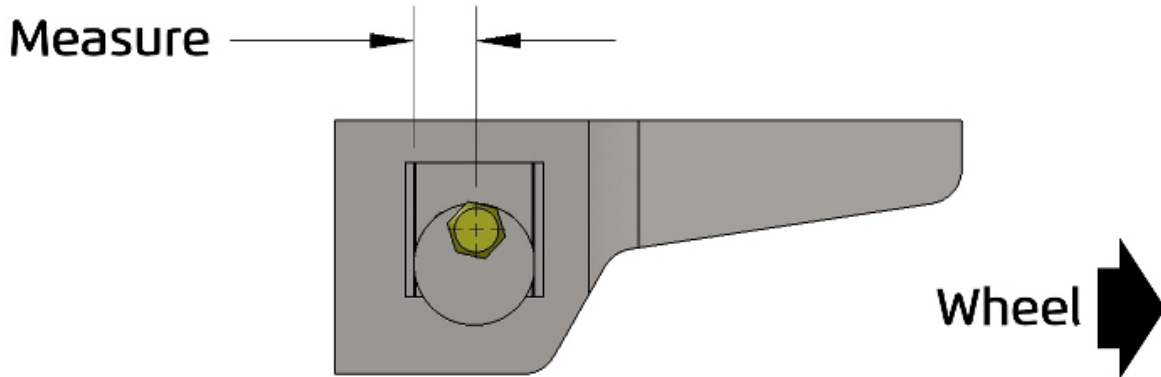
It is held in by (2) bolts, one on each frame rail. Remove these bolts and the brace will be disconnected from the vehicle.



4 *Install Lower Control Arm Lock-Out Plates*

To ensure you have the best setup and proper fitment the Hotchkis brace includes lower control arm lock-out plates. The lock-out plates allow for 9 different positions that allow full range of factory adjustment. These plates will keep your alignment locked in and not allow for any creep that the factory eccentrics are susceptible to.

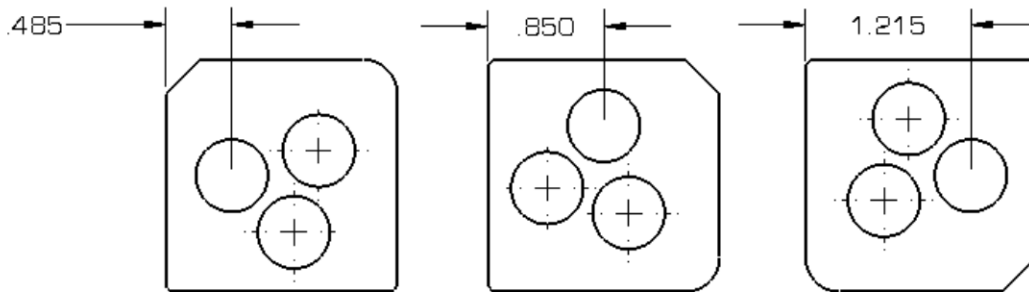
Measure the position of the eccentric bolts on each side. Do this by recording the distance between the center of the eccentric bolt to one of the alignment gates on the subframe.



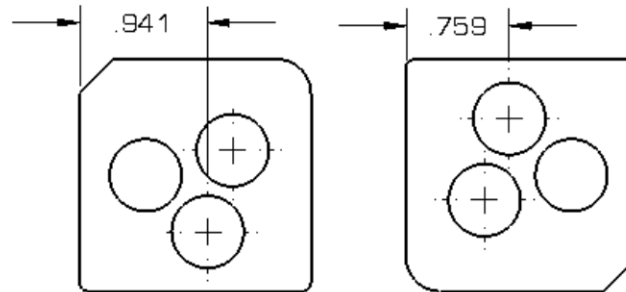
The Hotchkis lock out plates have a generous 9 positions to choose from. This will be more than sufficient to dial in your camber.

Match the measurement from the previous step to one of the configurations below.

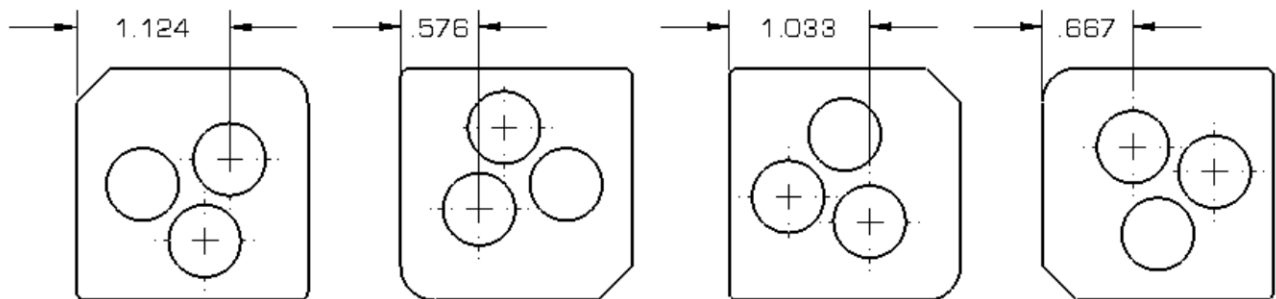
HOLE 1 (Closest to Chamfer) (This hole is MAX setting and CENTER setting)



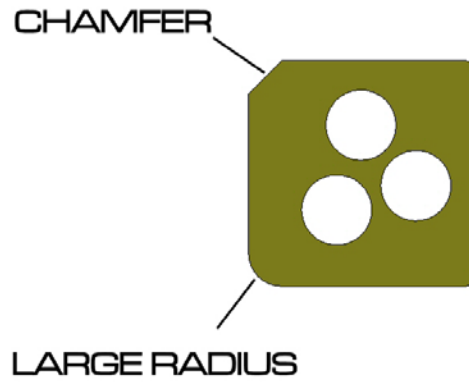
HOLE 2 (Furthest from Chamfer)



HOLE 3 (Closest to Radius)



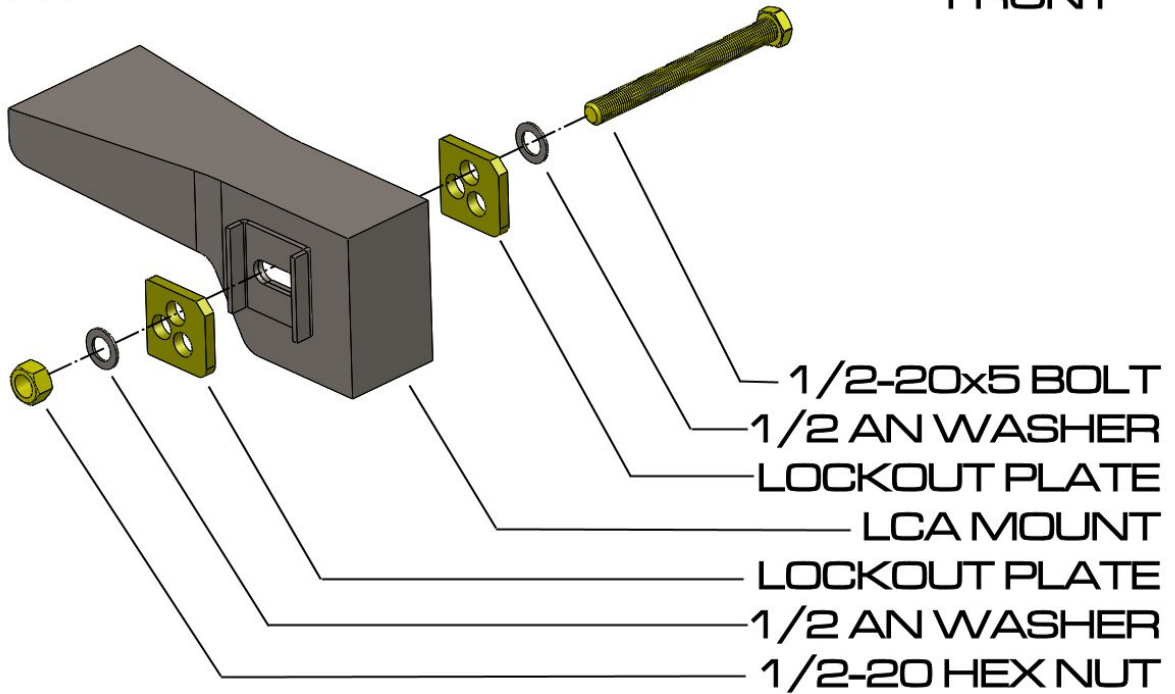
The Hotchkis plates have a unique shape with a chamfer on one corner and a large radius on another. The last (2) corners are sharper corners. This shape allows for easy identifying to insure the clocking is the same for each pair of plates. Just remember chamfer goes with chamfer and radius goes with radius. Your holes will always line up.

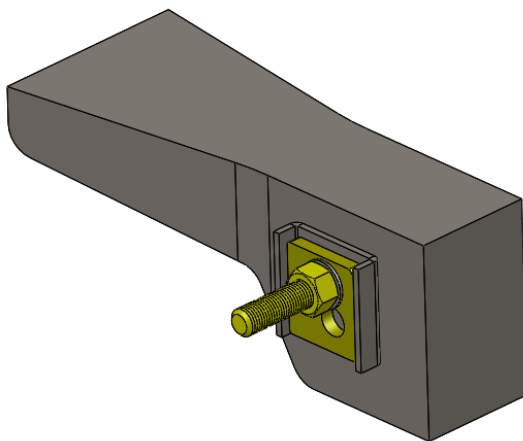


Assemble the hardware as shown below.

DRIVER SIDE
WHEEL

FRONT

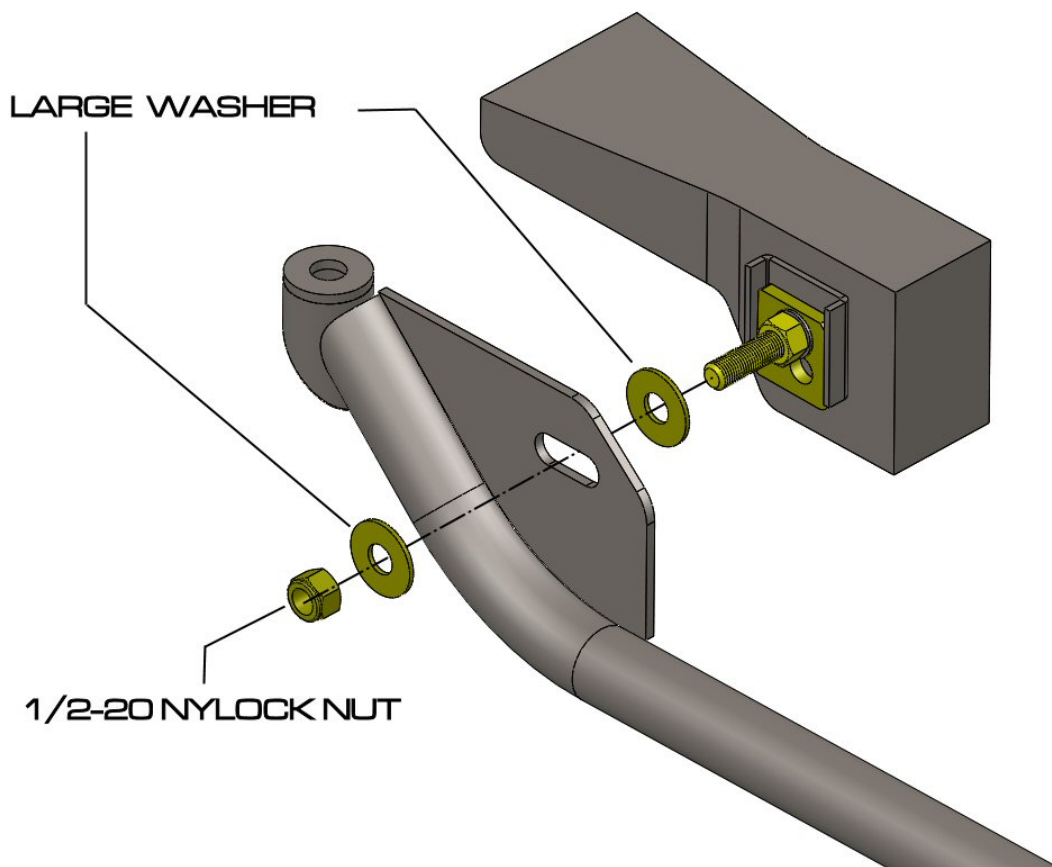


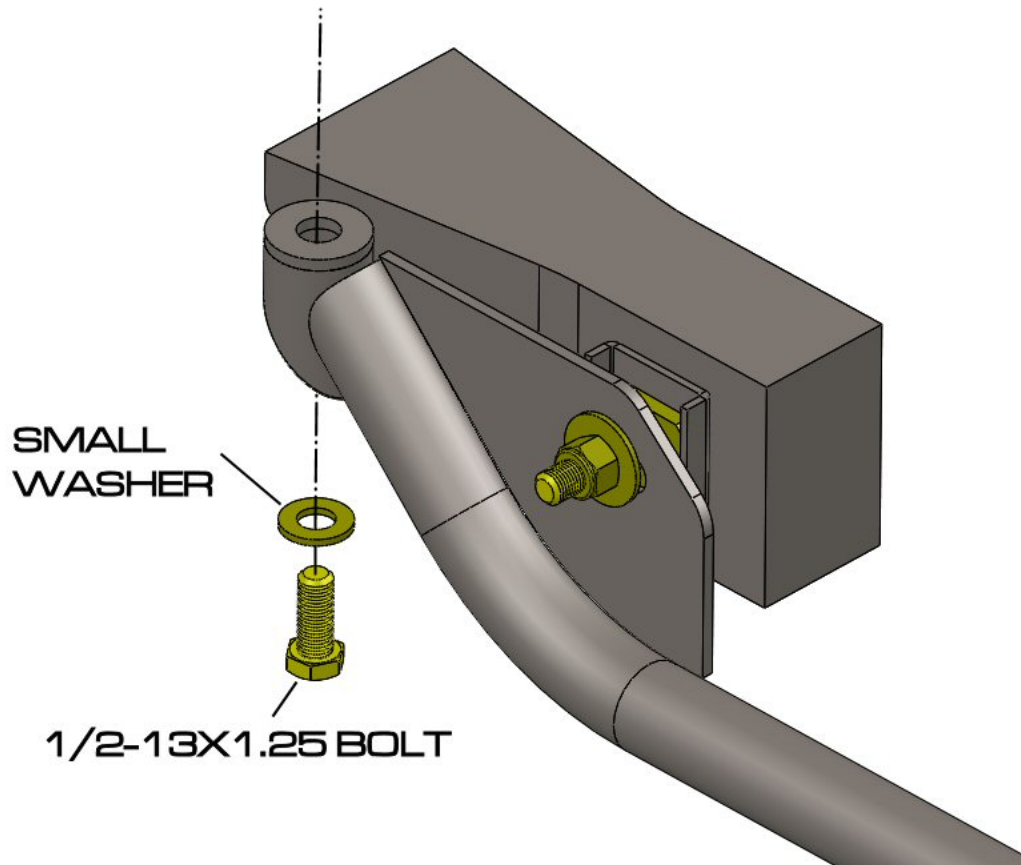


2X

Double check your "Camber @ droop" spec to make sure it matches the earlier measurement. If not, loosen the lower control arm bolt and utilize a different position or hole on the lock out plates.

- 5 *Install the Hotchkis Cross-member Brace*
Install the Hotchkis cross-member brace as shown below.





Make sure to tighten the frame bolts and lower control arm nylocks a little at a time. Once all are snug, fully tighten the lower control arm nylocks first then finish with the frame bolts.

6 *Lower the Vehicle*

Lower the vehicle and roll the car back and forth. Remeasure your "camber @ ride height" to make sure you are back to the same alignment as when you first started. You are finished with the installation.

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

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 inquires 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.