



# HOTCHKIS SPORT SUSPENSION



## *Anti-roll bar set (pn 2278) Pontiac GTO*



Thank you for your purchase from our new line of GTO parts.  
Please call us at (877) 4NO-ROLL if you have any questions  
regarding the service or installation of your Hotchkis Performance products.  
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**Warning:** This installation should be performed by a trained professional. The installation requires lowering of the front & rear cradle frame from the vehicle for swaybar removal and reinstallation.

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

Tools Required for this Installation

- 4 post lift or alignment rack with center jacks
- Transmission jack
- Pry bar
- The following sockets or wrenches: 6mm, 8mm, 13mm, 14mm, 18mm

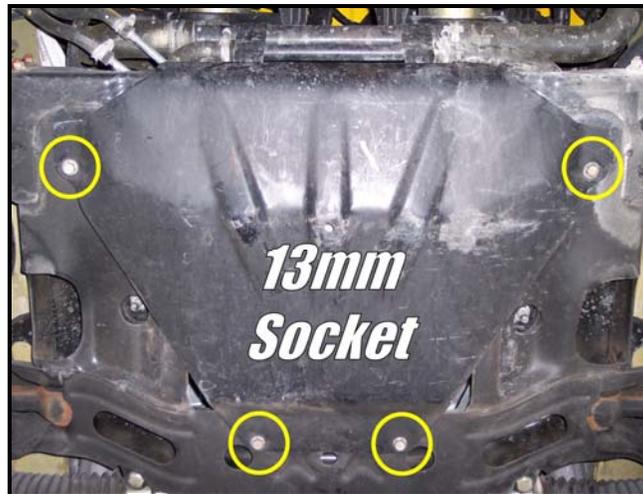
Tools to temporarily block/plug transmission cooling lines

- 2 hose pinch-off pliers, 3/8" hose (about 12" long), 2 7/16" bolts (about 1" long)

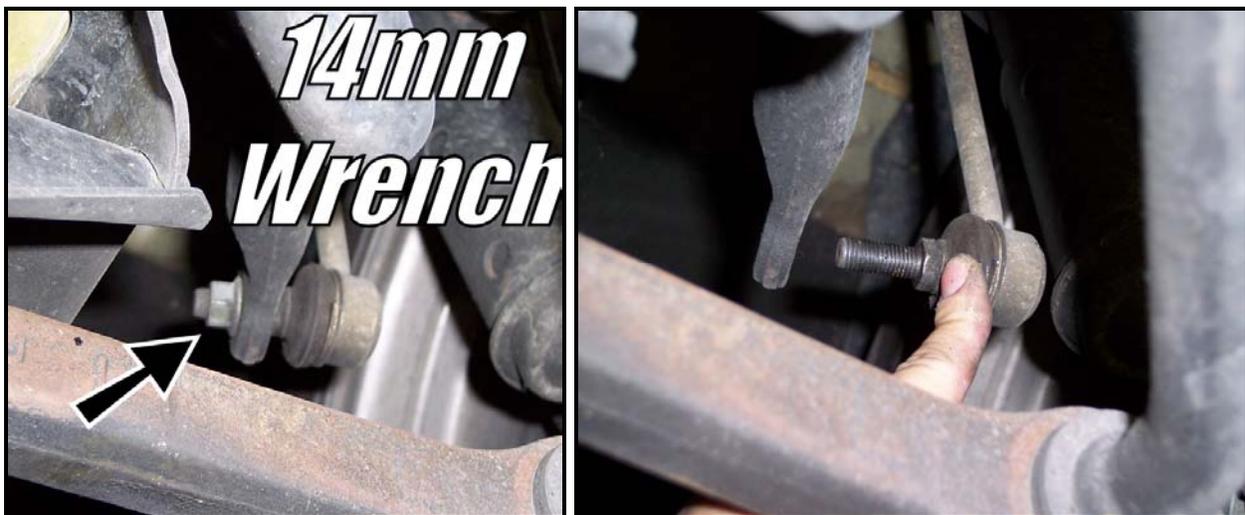
1) Drive the car onto the 4-post lift or alignment rack and securely block the rear wheels.



2) Remove the 4 bolts that secure the skid plate using a 13mm socket.



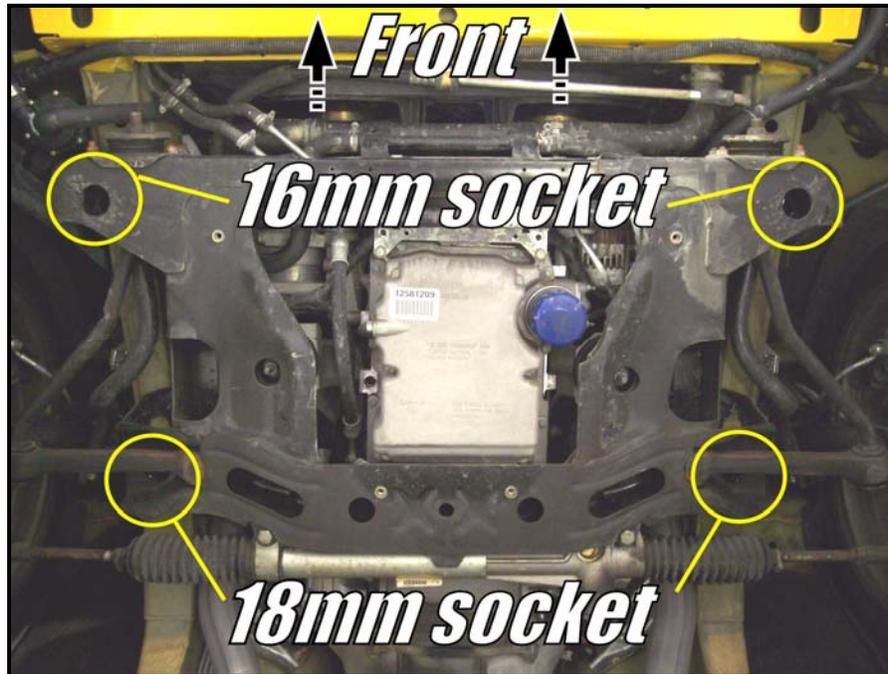
3) Next, disconnect the sway bar endlink from the bar using a 14mm socket or wrench



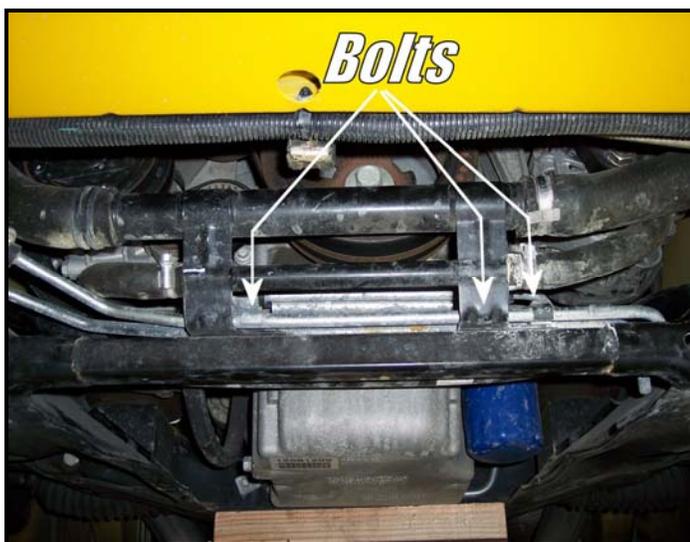
4) Support the cradle frame using a transmission jack.



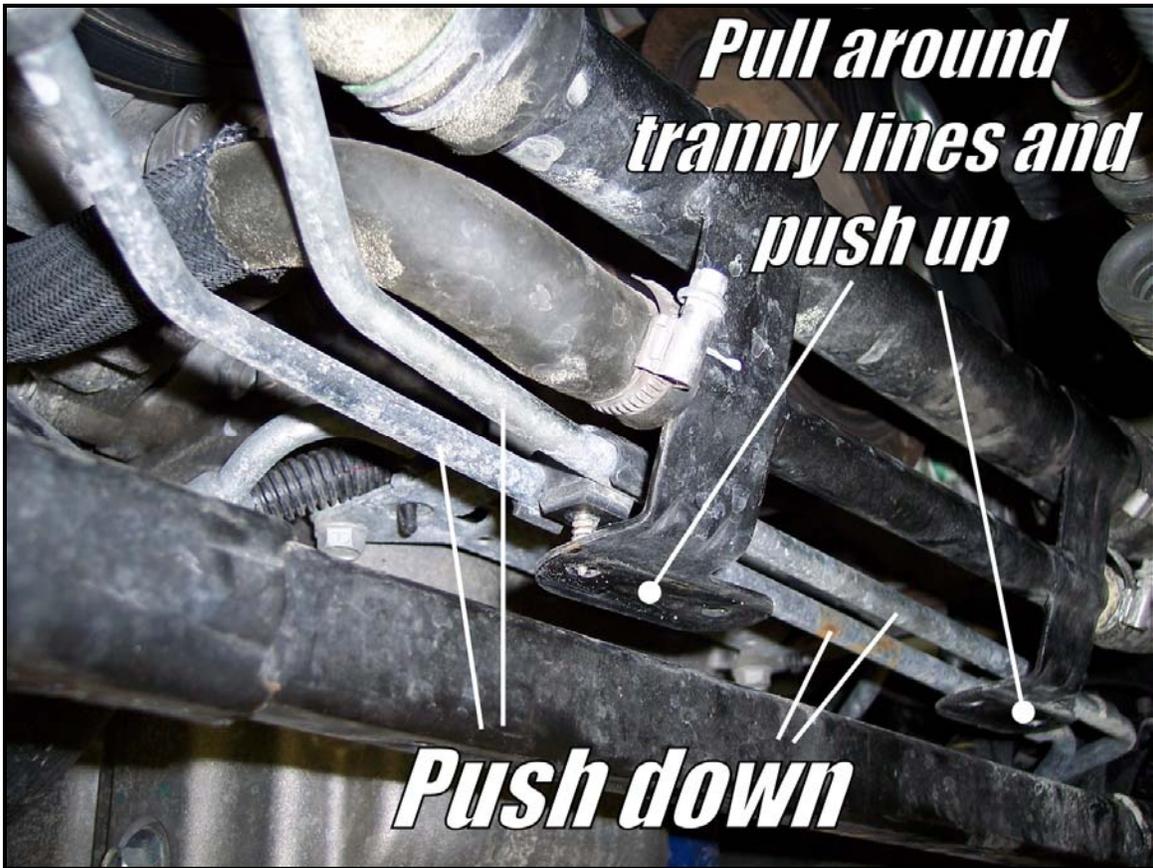
- 5) You will now disconnect the cradle frame from the vehicle by removing the 2 front bolts and 2 rear bolts using a 16mm and 18mm socket respectively.



- 6) Slowly lower the transmission jack. The cradle frame will lower about 3-4 inches in the front. You do not have to worry about the cradle falling down since it is still connected to various other components e.g. control arms, engine/transmission etc. It may be necessary to raise the front of the car at the outer jack points using your center jacks in order to gain more clearance between the cradle and the car.
- 7) At this point, you will need to disconnect the coolant/transmission line brackets from the front of the cradle frame using a 8mm socket. There are 2 bolts on the driver side bracket and 1 bolt on the passenger side bracket.



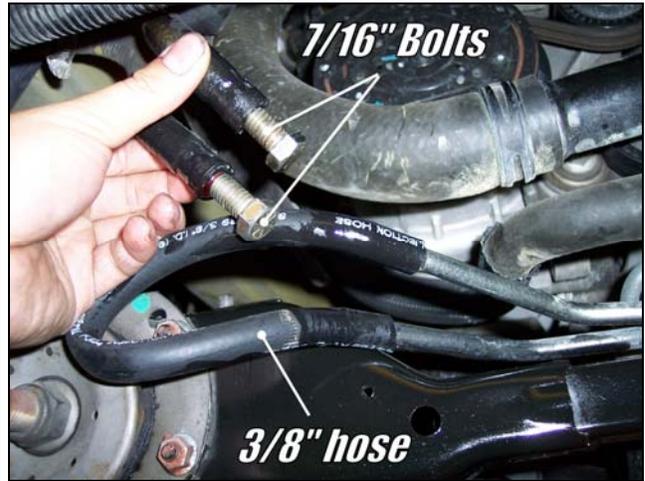
You will notice that the hard transmission lines lay on top of the coolant/transmission line bracket mounts. Make sure to move the transmission lines below the brackets. This will allow the bar to pass through between the coolant lines on top and the transmission lines on the bottom.



- 8) This next step is where the messy stuff begins. As you can see from looking at the stock sway bar location, the bar will not be able to slide out while the transmission lines are connected. It will be required to disconnect the soft hoses from the hard lines. There are 2 lines that will need to be disconnected and blocked/plugged temporarily. To avoid spilling too much transmission fluid, use some hose pinch-off pliers to seal one soft hose at a time. Prepare yourself with your 3/8" hose and 7/16" bolts. Use the other hose pinch-off pliers to clamp down the center of the 3/8" hose. Loosen the hose clamp using a 6mm socket. Then disconnect the soft hose from the hard line slowly. Once disconnected, connect the one end of the 3/8" hose to the hard line. Plug the soft transmission line with one of your 7/16" bolts. Once the bolt is in place you can release the pinch-off pliers from the soft transmission line.



Now, clamp down on the other soft transmission line. Loosen the hose clamp using a 6mm socket. Then disconnect the soft hose from the hard line slowly. Once disconnected, connect the other end of the 3/8" hose to the hard line. Insert the 7/16" bolt into the soft transmission line and release the pinch-off pliers. The end result should look like the following picture.



- 9) Before we can remove the sway bar from the vehicle, we need to disconnect the saddle brackets from the cradle. Use a 13mm socket to remove the 2 nuts per side. Once the bracket is out, remove the rubber bushing as well. You may discard the bracket and the rubber bushing, but keep the nuts for reinstallation.



- 10) The bar can finally be removed from the vehicle. The sway bar will have to come out through the front, but it will take some patience to do so. Try to pull the passenger side end out first as shown in the picture. Once that end is free you can pull the bar completely out. Please note the orientation and position of the stock sway bar for reference for the Hotchkis sway bar.



- 11) Place the Hotchkis sway bar next to the stock sway bar to setup proper orientation. This is done to avoid putting the sway bar in upside.

- 12) Next, insert the Hotchkis sway bar into the vehicle in the same fashion as the stock bar came out. This time insert the driver side first. You will notice the Hotchkis sway bar will be easier to insert into the car than the stock bar coming out.



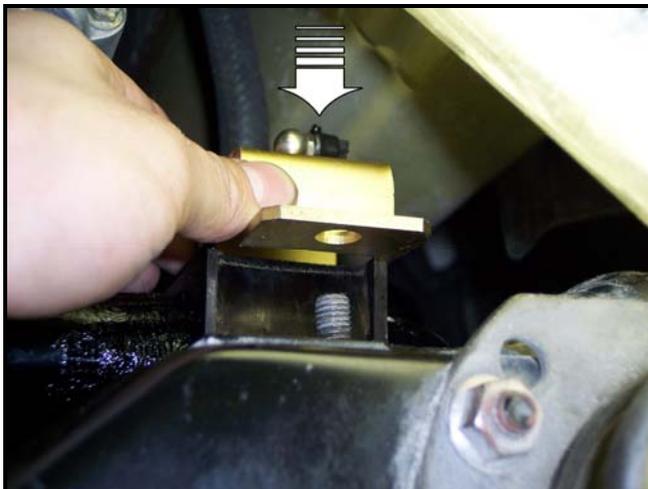
- 13) After the bar is in position, lube the inside hole of the Hotchkis polyurethane bushings with the included grease.



- 14) Open the bushing and push it over the bar. Make sure the flat side is facing up and the split is in the front.



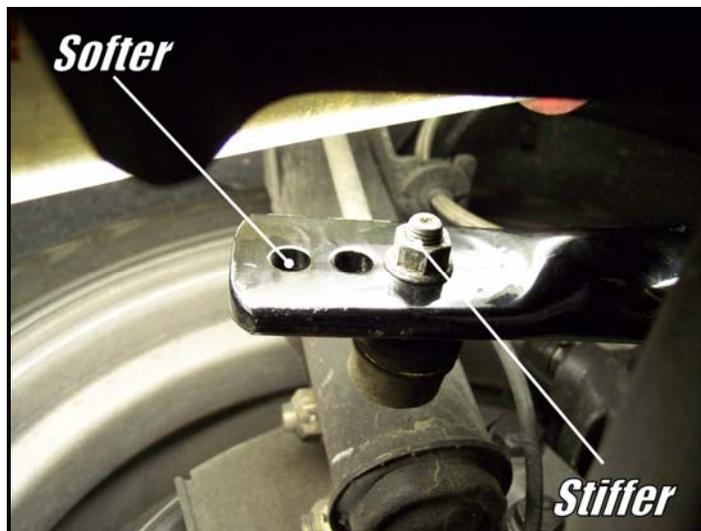
- 15) Next, grab the Hotchkis saddle bracket and place it over top the bushing. Make sure the zerk grease fittings are pointing toward the front (ignore zerk fitting position in picture). Install the stock nuts using a 13mm socket.



16) Repeat steps 2-9 in reverse order to complete the front installation.

**Special tip:** Use a large pry bar when trying to re-align the cradle frame holes with the body. You want to be able to start each bolt by hand first.

17) When reattaching the endlinks onto the sway bar, you will notice 3 holes at the end of the bar. Your Hotchkis swaybar is 3-way adjustable for stiffness. See the following diagram for details.



18) You are now finished with the Hotchkis front sway bar installation! Make sure that all hardware is fully tightened. On to the Hotchkis rear sway bar installation.



# **УАТРАВИК АВТОТРАВИК SPORT SUSPENSION**



## ***INSTALLATION OF HOTCHKIS REAR SWAY BAR***

Tools Required for this Installation

- 4 post lift or alignment rack with center jacks
- Pry bar
- Transmission jack
- The following sockets or wrenches: 13mm

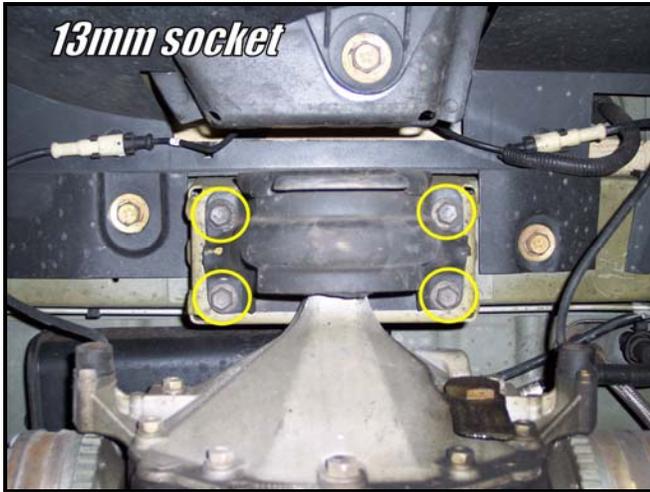
- 1) Drive the car onto the 4-post lift or alignment rack and securely block the front wheels.



- 2) Support the Rear differential using a transmission jack or a center jack equipped on some 4-post lifts.



3) Remove the 4 bolts that secure the backside of the rear differential housing.



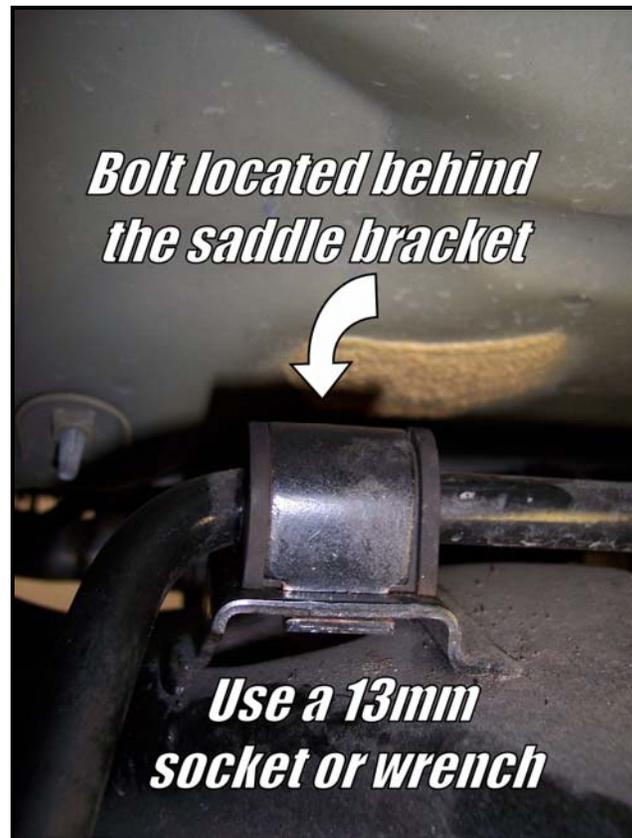
4) Slowly lower the transmission jack and let the differential and rear cradle frame tip downward.



5) Next, detach the endlinks from the sway bar using a pair 13mm wrenches.



- 6) Undo the saddle brackets by removing 1 bolt per bracket using a 13mm socket. Simply rotate the bracket up and it will become detached from the cradle frame.



- 7) Remove the stock sway bar from the vehicle through either side of the differential.



8) Set the Hotchkis sway bar next to the stock sway bar for proper orientation.



9) Lube the inside hole of the Hotchkis polyurethane bushings with the included grease.



10) Open the bushing and push it over the bar. Make sure the flat side is facing down and the split is facing toward the front.



11) Place the stock saddle brackets back onto the Hotchkis polyurethane bushings.



12) Reinsert the Hotchkis sway bar in the same manner as the stock bar came out.

13) Repeat steps 2-6 in reverse order to complete the installation.

Special tip: When raising the differential back up to the body, try using a pry bar to align the mounting plate holes with the body holes. You want to be able to start each bolt by hand first.

17) When reattaching the endlinks onto the sway bar, you will notice 4 holes at the end of the bar. Your Hotchkis swaybar is 4-way adjustable for stiffness. See the following diagram for details.



18) You are now finished with the Hotchkis rear sway bar installation! Make sure that all hardware is fully tightened before driving the vehicle.



# UNTRUCKIE AUTOCARIS SPORT SUSPENSION



## *Anti-roll bar set (pn 2278) Pontiac GTO*

	Hotchkis P/N	Item Description	Quantity
1	22800286	Front Anti-Roll Bar	1
2	22900286	Rear Anti-Roll Bar	1
3	23890286	Front Saddle Brackets	2
4	21810286	Front Bushings	2
5	21910286	Rear Bushings	2
6	90_Zerk	90° Zerk Fitting	2
7	9.11108	Grease Pack	2





## **Hotchkis Performance LLC Return Policy & Limited Warranty**

**Effective September 1, 2007. 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.**

### **Return Policy**

We want you to be completely satisfied with your Hotchkis Performance product. In case you're not, you can exchange or return it within 30 days of the purchase date. To obtain a full refund on unused products, excluding freight, 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 and be in sellable condition. For products presenting signs of use or damage, only warranty claims will be accepted. 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 warrants its products against defects in materials and workmanship for the term of 36 months (3 years) from the date of purchase. 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 freight prepaid.

### **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. 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:

- 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. 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.