

HOTCHKIS HOTCHKIS SPORT SUSPENSION



Sway Bar Instructions

PN#2251 - 94&up SN95 Non IRS

Thank you for your purchase of this Hotchkis product. Your Sway bars were designed with the performance and durability you've come to expect from Hotchkis Performance. If you have any questions regarding installation, please do not hesitate to call Hotchkis Performance directly, we will be more than happy to help. Call 1-800-4NO-ROLL to contact us. Visit us online @

www.hotchkis.net

Rear Sway Bar Installation

- 1) Look carefully at the stock sway bar installation. V6 Mustangs do not have a stock rear sway bar or quad shocks and may skip steps 3, 4 and 5.



- 2) Block the front wheels of the vehicle. Use a jack to lift the vehicle and support the rear of car on jack stands. Use the jack under the diff to raise the axle in step #11.
- 3) Use a 14mm socket and ratchet to remove the four sway bar bolts from the lower trailing arms. Remove the stock sway bar. Use a pair of screwdrivers to pry two of the

four clips off of the stock bar and retain them to mount the brake line cable back onto the trailing arm later.



- 4) Use a 18mm socket and ratchet to remove the rear quad shock nut on the stud attached to the rear frame.



- 5) Use a 15mm socket and ratchet to remove the front quad shock bolt attached to the axle through a bracket with a welded nut. Remove the quad shock.



- 6) Use the grease pack provided to apply a thick coat of grease to the sides of the end link bushings and then install the end links over the quad shock mount studs in the rear frame. Place one of the large washers from the hardware kit over the stud, then use the stock quad shock nut to loosely hold the end link in place. **Do not** tighten the hardware at this time.



NOTE: V6 Mustang owners **MUST** order the quad shock mount brackets from Ford to install this kit. You will need to order a left and a right hand bracket:

F4ZZ-4A490-A

F4ZZ-4A491-A

V6 cars also will need four 12mmx20x1.75 bolts and two 12mmx20 nylock nuts. There are two holes on each side of the car in the frame with crush nuts welded in them to mount the quad shock bracket. Once the quad shock brackets have been installed they should not be removed.

V6 cars with the stock exhaust system will have to modify the exhaust hanger, near the quad shock mount. Unbolt the hanger from the frame and remove it from the exhaust system. Bend the bracket at a slight enough angle to clear the end link of the sway bar. You will only be able to use the hole nearest to the end of the bracket when bolting the bracket into place.



- 7) Remove the fuel vapor lines from the clips on the front of the gas tank. Use a zip tie to secure the lines up out of the way. There is a small hole in the frame that you can use for this.



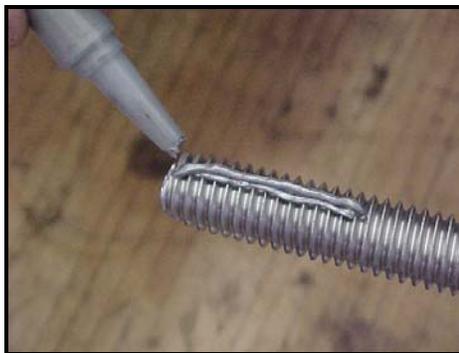
You should also zip tie the lines together near the fuel filler spout to help pull the lines further away from the sway bar end link.



- 8) Hold the sway bar up to the end links and place a bolt with the small washer through from the bar side. Place the large washer over the bolt as it comes through and place the nylock nut over the end to keep the bolt from pulling through. **DO NOT push the bolt through from the outside of the bar. The bolt is long enough that it can rub against the gas tank if it is put in backwards.**



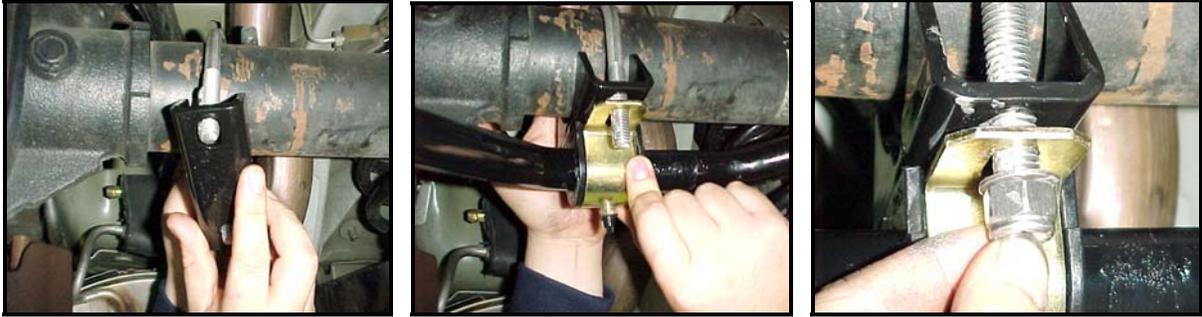
- 9) With the bar hanging from the end links you can place the u-bolts over the rear axle. Use the tube of Anti-seize included to apply a small amount to the ends of the u-bolts. If you do not lubricate the threads, you could potentially snap the u-bolts or damage the nylock nuts when tightening them!



- 10) Use the grease pack provided to apply a heavy coat of grease to the inside of the bushings and place them over the bar. The split of the bushing should be towards the rear of the vehicle. Place the bushing retainer brackets over the bushings.



- 11) Slide the axle mounting brackets over the end of the u-bolts. Rotate the sway bar up to the axle and push the bushing retainer brackets over the ends of the u-bolts. Place a small washer and nylock nut on the end of the u-bolt to hold the sway bar to the axle.



- 12) **Make sure the axle is sitting at normal driving height!** Now your ready to tighten everything up. Use a 3/4 wrench and ratchet with 3/4 socket tighten up the end link bolts. Use a ratchet with a 18mm socket to tighten the upper end link nuts on the quad shock mounts. Use a 16mm socket to tighten the U-bolt nuts.



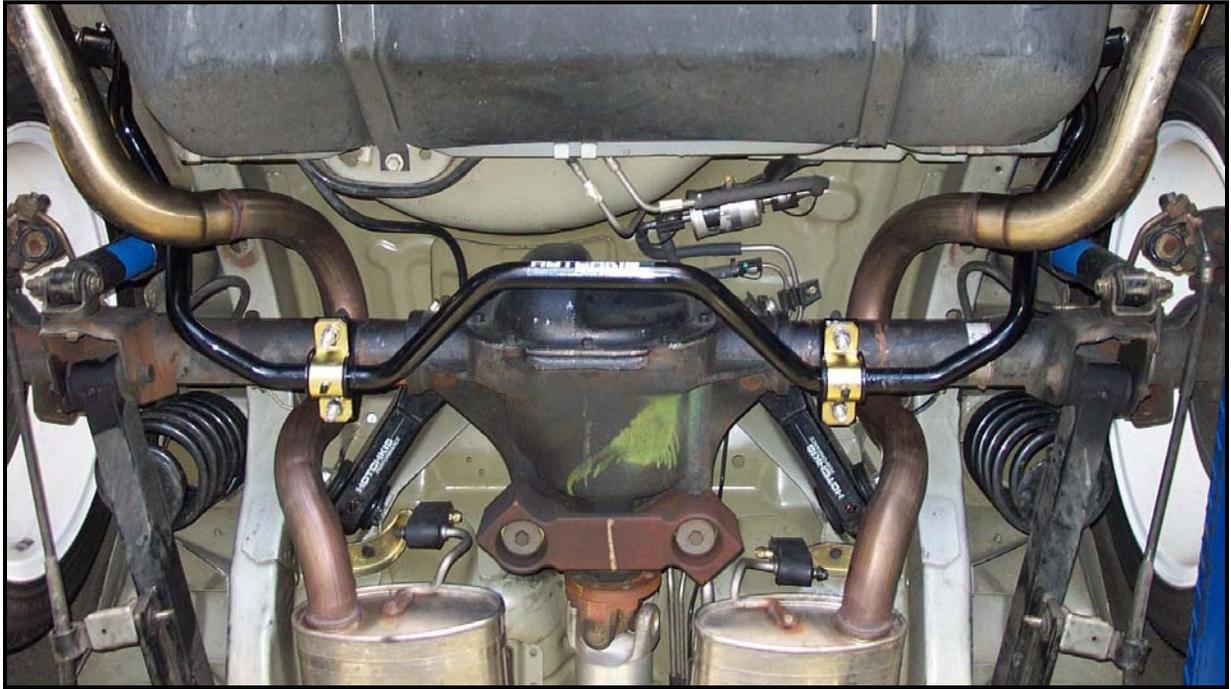
- 13) Use the clips retained from the sway bar to re-attach the brake line to the control arm.

For stock lower trailing arms you can simply hold the clip inside the trailing arm and push the bolt through the original hole. Tighten the bolt down using a 14mm wrench.



For Hotchkis lower trailing arms you will need to put the clips onto the plate welded to the bottom of the arm. You will also have to remove or bend the upper part of the bracket to clear the arm. Re-use the stock hardware with a 14mm wrench to tighten.

- 14) Make certain that all hardware is tight. Cover the grease fitting with the zerk caps provided. Remove the jack and jack stands and you're ready to install the front sway bar.



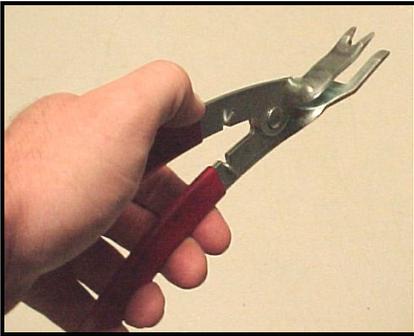
IMPORTANT! Recheck all hardware after the first five miles and make sure the end link is not rubbing on the gas lines or fuel tank, if there is rubbing you should re-check the directions.

For proper maintenance of the bushings you should grease the bushings at least once a year (15,000 miles) or when excessive squeaking occurs. Use only a non-lithium based grease! Lithium based grease can wash out with water.

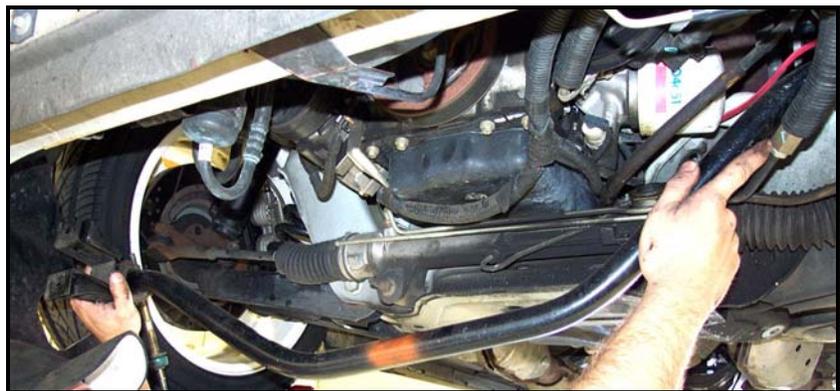


Front Sway Bar Installation

- 1) Look carefully at the current installation. The Hotchkis front sway bar installs in the same location as the stock bar using new end links and bushings.
- 2) Jack up the vehicle and support the front of the car on jack stands.
- 3) Remove the pin on each side holding the plastic splashguard in place so that the bar can be removed. You might want to use some trim clip puller pliers to remove the pin. Loosen the stock end links with a 14mm socket and a 10mm wrench on the shaft of the end link to keep it from spinning. Remove the end links.



- 4) Use a 16mm socket and ratchet remove the four sway bar mount bolts. The bar should now drop freely from the vehicle if the splashguard was pulled clear of the stock bar.



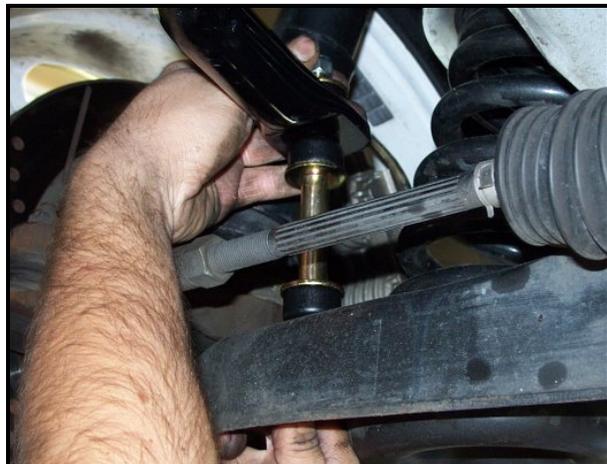
- 5) Remove the stock bushing retainer brackets from the bar and keep them. You can remove the bracket by twisting it to the side till it pops out.



- 6) Use the grease pack provided to apply a thick coat of grease to the new bushings. Place the bushings over the bar with the split towards the rear of the vehicle. Push the stock retainer brackets over the new bushings and slide the top portion of the bracket back into place.



- 7) Lift the new sway bar into position and finger tighten the four sway bar mount bolts. Install the end links and tighten with a 14mm socket and ratchet. Then tighten the four sway bar mount bolts using a 16mm socket and ratchet.





- 8) Place the plastic back around the Hotchkis sway bar and insert the trim pins to hold.



- 9) Re-check all hardware for tightness. Remove the jack stands and you're finished installing the front sway bar!



IMPORTANT! Re-check all hardware after the first five miles!

For proper maintenance the bushings should be greased at least once a year (15,000 miles) or whenever excessive squeaking occurs. Use only a non-lithium based grease! Lithium based grease can wash out with water.





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 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 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?**
- **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.