

# HOTCHKIS HOTCHKIS SPORT SUSPENSION

**Audi S4 ('04+)**

**#22829**

**Audi A4 ('02+)**

**#22823**

**Audi RS4 ('06+)**

**#22832**



## Front & Rear Sway Bar Kit Installation Instructions

### Tools Required:

- 1) 4-Post lift or floor ramps
- 2) 13mm socket
- 3) 16mm socket
- 4) 16mm wrench
- 5) 18mm wrench
- 6) medium extension  
(not required, but handy)

### Included In Kit:

- 1) front and rear sway bars
- 2) 4 bushings & 4 brackets
- 3) 2 front bushing mounting plates
- 4) grease packs

### START WITH THE REAR BAR .

- 1/ Drive the vehicle onto a 4-post lift or floor ramps. **THE CAR NEEDS TO BE AT NORMAL RIDE HEIGHT FOR PROPER INSTALLATION.** You cannot have the suspension hanging while installing this bar!
- 2/ Once vehicle is raised, take a moment and observe the stock rear bar and the way in which it is mounted.
- 3/ Release both sides of the exhaust from the two rubber hangers at the rear and let hang. (ok to use small amount of WD40 to loosen) or release the mounting bolts with a 13mm socket.



4/ Remove the two lower end link bolts (16mm wrench) which attach the sway bar ends to the end links. You may need to hold the wrench-flat with a 17mm wrench.



5/ Remove the four bushing bracket bolts (13mm wrench) attaching the anti-roll bar brackets to the sub-frame and save them.



6/ As you begin to remove the bar, gently free each end from the end link sleeves. Now that the bar is free, slightly lower the exhaust by applying pressure to the tips just enough to remove the bar towards the front or the rear of the car.



7/ Repeat same pressure to the exhaust and position Hotchkis bar (without the bushings and brackets) in the stock location with the Hotchkis sticker facing rearward, right side up.



8/ Apply supplied grease to inner-channeled portion of both rear bushings. (approx. half of one tube for rear bushings) Then install the bushings to the bar at approx. the stock location. Position the bar in the stock location then install the brackets over the bushings with the grease fittings pointing down.



9/ Re-install the four stock bracket bolts, **include the four supplied washers**, to the new brackets and leave loose while you insert the small end link sleeve to each end of the bar. Re-install the end link bolts and leave loose. Tighten the four bracket bolts, then tighten the end links bolts. Six bolts, all tight.



***\*Adjustability Note: choose the inner hole (2<sup>nd</sup> from bar end) for a more aggressive feel and the outer for solid front-to-rear balance. Loosen the lower end link bolts(2 under cast arm each side) on the bottom side of the lower arm in order to adjust to desired hole.***

10/ Finally, re-attach exhaust hangers to the metal tabs on both sides.

## **YOU'RE DONE WITH THE REAR, NOW THE FRONT!!**

1/ Drive the vehicle onto a 4-post lift or floor ramps. **THE CAR NEEDS TO BE AT NORMAL RIDE HEIGHT FOR PROPER INSTALLATION.** You cannot have the suspension hanging while installing this bar!

2/ Once vehicle is raised, use a standard screwdriver and remove the aero-pan fasteners. Then remove the pan entirely exposing the anti-roll bar.

3/ Take a moment and observe the stock front bar and the way in which it is mounted.

4/ Remove the lower end link bolts (16mm wrench) to the bar and save. Then, remove the four bracket nuts (13mm socket) and save. Remove the stock bar.

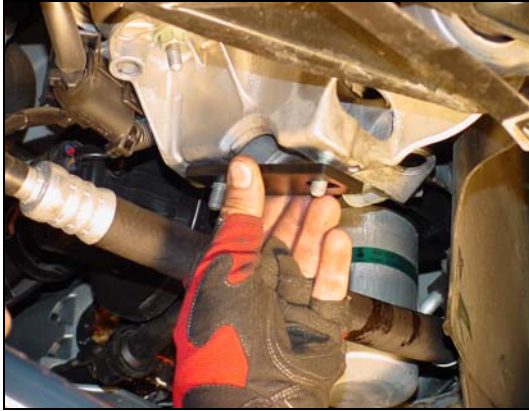


5/ Apply second tube of grease to each inner-channeled portion of the two new front bushings and attach to Hotchkis bar against the outside of the washers. Slip the new brackets over the bushings.



6/ Lift the bar up to the vehicle with the two smaller H-Sport stickers at the ends right-side-up. As you lift the bar up to the mounting points, **you must place one mounting plate per side between the bushing and the mounting point.** This relocates the bushing out of the stock bushing pocket. Re-install the bracket nuts and tighten. **Re-install the end link bolts and tighten well using medium strength thread locker.**

**\*\*Note\*\*** If vehicle is raised using jack stands or other, the bar end and the end link may not align properly. Lower vehicle so that front suspension is not at full droop and ends will align. **Be sure to thread end link bolt by hand at first to prevent cross-threading.**



8/ Re-install the aero pan.

Enjoy your new tubular sway bar kit from Hotchkis! If you need assistance with the install or have any other questions, go to the 'instructions' button on our site or call us at the number below.

Thank you for choosing the best anti-roll bar kit available for your S4 and A4!

Hotchkis  
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Santa Fe Springs, CA 90670  
www.hotchkis.net



## 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.**