



## B5 Audi S4/A4 #22801



### Front and Rear Anti-Roll Bar Kit Installation Instructions

#### Tools Required:

- 1/ 4-wheel lift/ramps or jack stands
- 2/ 13mm socket
- 3/ 13mm wrench
- 4/ (2) 16mm wrenches
- 5/ 5mm allen
- 6/ (2) 14mm wrenches
- 7/ Blue Locktight

#### Included In Kit:

- 1/ front and rear anti-roll bars
- 2/ 4 bushings & 4 brackets
- 3/ **2 front bushing mounting plates**
- 4/ reinforcement bracket kit
- 5/ hardware kit
- 6/ 1 grease pack

#### **START WITH THE REAR BAR/REINFORCEMENT BRACKETS.**

- 1/ Raise vehicle using a 4-wheel lift, drive-on ramps or jack stands at the proper jack points. When using jack stands, always utilize a level surface.
- 2/ Once vehicle is raised, **take a moment and observe the stock rear bar and the way in which it is mounted.**
- 3/ Rear bar can be removed and installed without releasing exhaust but detach if necessary at rear. Remove the two lower end link nuts (16mm wrench) which may require holding the stud steady with the 5mm allen.



4/ Remove the four bracket bolts and nuts. Slowly remove the bar by rolling it over the exhaust. **WAIT TO INSTALL HSPORT BAR.**



5/ Now install the reinforcement brackets. The **driver's side** frame has two holes above the rear portion of the lower a-arm. Use the flange-headed bolts and place the head on the inside of the frame facing out. Take the black bracket marked '**D**' and place it up against frame as shown. The '**D**' sticker will end up against the frame, with the gusset towards the ground. Use the lock washers and lock nuts provided. Assemble with 14mm wrenches **and leave loose, DO NOT TIGHTEN.**



6/ Take one of the supplied billet pieces and remove one of the bolts. This allows you to open the piece and slide over the driver's side toe link. Reattach the bolt and washer (13mm wrench) **with the HSport sticker pointing towards the outside of the vehicle and tighten both bolts.** You may angle the brace up against the toe link itself to get enough leverage to tighten the bolts





7/ Using the (2), 8mm x 20mm bolts and washers, attach the billet piece to the black bracket (13mm wrench) but DO NOT TIGHTEN. The black bracket is slotted, so use the slots to maneuver the pieces in order to thread the bolts.

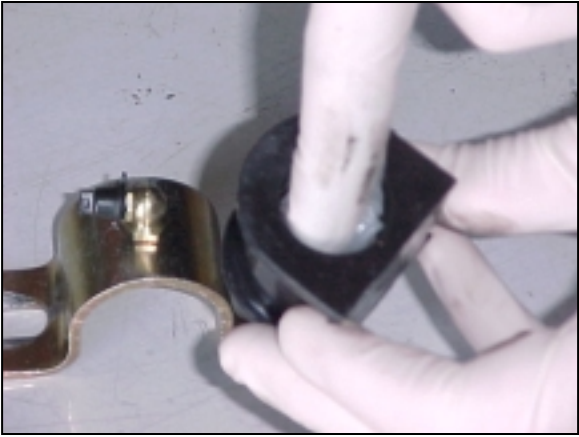


8/ REPEAT THIS EXACT PROCESS FOR THE PASSENGER SIDE USING THE REMAINING BLACK BRACKET. DO NOT TIGHTEN ALL THE WAY.

9/ Now, you can install the rear HSport bar **but without the bushings and brackets.**



10/ Grease the inner portion of the smaller provided bushings using about one-quarter of the supplied grease pack. With the bar in, at the approx. stock location, install the smaller provided bushings in the approx. stock location. Then, install the bushing brackets with the grease fittings pointing down to the ground.



11/ Now, install the last 4 bushing bracket bolts and washers using the 13mm wrench and tighten. **Remember, the black bracket is slotted so if all hardware is loose enough, you will be able to thread the bushing bracket bolts through the sub-frame and into the aluminum.**



12/ Finally, choose the 'soft' or 'hard' setting for the end links and reinstall the nuts using the 16mm wrench and 5mm allen.

13/ Now that the end link nuts and bushing bracket bolts are tight, tighten the bolts that attach the black brackets to the aluminum pieces (13mm wrench). Then, tighten the black brackets to the frame using the 14mm wrenches.

**\*BY NOW, ALL 12 BOLTS AND 4 NUTS SHOULD BE SECURE**

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

1/ Raise vehicle using a 4-wheel lift or 'drive-on' ramps preferably, or the front using jack stands at the named jack points. When using jack stands, always utilize a level surface.

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 and nuts (16mm wrench) to the bar and save only the bolts for re-installation. Remove the four bracket nuts and save. (13mm wrench) Remove the stock bar.



5/ Apply a quarter tube of grease to each inner portion of the two new front bushings and attach to HSport bar against the outside of the washers on the bar. Slip the new brackets over the bushings.



6/ Lift the bar up to the vehicle. The two smaller HSport stickers at the bar's ends should be 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.



7/ Re-install the bracket nuts and tighten. Apply Blue threadlocker to the end link bolts and tighten well. **\*\*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/ Reinstall the aero pan and make sure it is secure.

Enjoy your new tubular anti-roll bar kit from HSport! 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 A4/S4!

HSport

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