

HOTCHKIS MOTORWORKS SPORT SUSPENSION

*Audi RS6
#22827*



Front and Rear Sway Bar Kit Installation Instructions

Tools Required:

- 1) 4-Post lift or drive-on ramps
- 2) 13mm socket/wrench
- 3) 16mm socket/wrench
- 4) 3/8" drive extension (long)
- 5) Blue Threadlocker
- 6) Slotted Screwdriver

START WITH THE REAR BAR

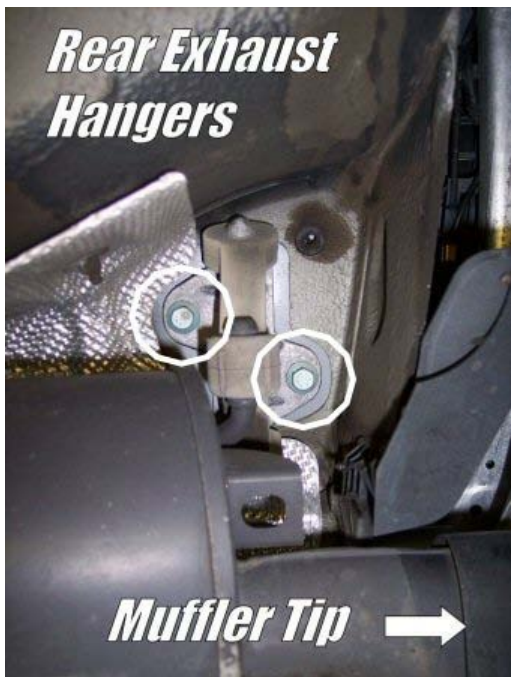
- 1) Raise the rear (or entire) vehicle using a 4-Post lift or drive-on ramps. **The car cannot be lifted with the suspension hanging for this installation!**



- 2) Once vehicle is raised, **take a moment and observe the stock rear bar and the way in which it is mounted.**



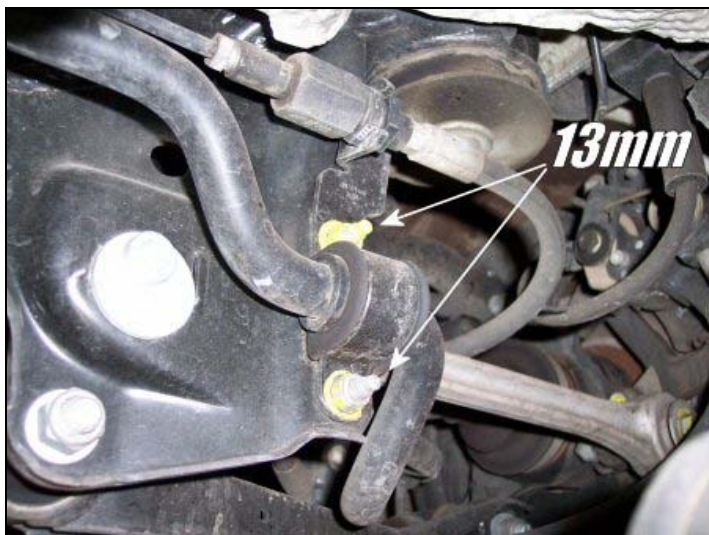
- 3) Undo the rear exhaust hanger brackets and middle hangers then let hang. Use WD-40 to loosen the rubber hangers. Unbolt the hanger brackets using an extension and 13mm socket. It's a good idea to support the exhaust system (e.g. near the tips) once you've achieved the desired space needed to remove the sway bar. This will avoid bending the exhaust system down more than needed.



- 4) You will notice the bushing bracket also holds up some of the shock reservoir lines. Use a crescent wrench to loosen the jam nut securing the line to the bracket.



- 5) Remove the four bushing bracket nuts and bolts (two 13mm socket/wrench) attaching the anti-roll bar brackets to the sub-frame and save. You may discard the stock bushing bracket.



- 6) Remove the two end link bolts and nuts (16mm wrench) which attach the bar ends to the end links and save them. To clear the shocks with the bolts, pull the bar towards the rear of the car.



- 7) As you begin to remove the bar, gently free each end from the end link. Now that the bar is free, you can snake the sway bar through the exhaust pipes.



- 8) Apply supplied grease to inner surface of both rear bushings. Then install the bushings to the bar at approx. the stock locations. Install the brackets over the bushings with the grease fittings pointed down.



- 9) Reverse the procedure and position Hotchkis bar in the stock location with the “H-Sport” sticker facing rearward, right side up.

- 10) Re-install the end link with the provided nuts & bolts and leave loose.



Adjustability Note: To adjust between the two holes, you must unbolt the bushing bracket bolts and pull the bar towards the rear so that the end link bolts clear the shock bodies. The hole at the bar's end is the normal setting, while the second hole from the end is the stiffer setting.

- 11) Slip the shock reservoir lines into the new bracket tabs. Secure the bushing brackets with the stock nut & bolt sandwiching the reservoir line bracket tab. Tighten the four bracket bolts, then tighten the end link bolts. Don't forget to tighten the shock reservoir line jam nut with your crescent wrench!



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

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

Front Sway Bar Installation

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



- 5/ Apply a quarter 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 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. **Use a small portion of blue thread-locker on the end-link bolts,** re-install 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/ Re-install the aero pan, however, a small portion of both sides of the pan may need to be filed down for the bar ends to clear. Make this modification if you have difficulty attaching the black plastic fasteners within either wheel well. Some A6s have different aero pans than others.

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.



Audi RS6
Sport Sway Bar Set
#22827

	Hotchkis P/N	Item Description	Quantity
1	22810197	Front Sway Bar	1
2	22910310	Rear Sway Bar	1
3	5638.01	1-3/8" HD Sway Bushing (FRONT)	2
4	23090066	HD Small Sway Bracket (FRONT)	2
5	23410198	Spacer Plate	2
6	5339G	15/16" Sway Bar Bushing (REAR)	2
7	15.12.39.39	Sway Bracket (REAR)	2
8	23990310	RS6 Shock Line Bracket	2
9	1748	A6/RS6 Rear ARB Hardware Kit	1
10	7204	90° Zerk Fitting	2
11	9.11108	Grease Pack	2