

HOTCHKIS

SPORT SUSPENSION

22804 Sport Stabilizer Bar Set 2004 VW R32



Thank you for your purchase from our new line of VW parts.

Please call us at (877) 4NO - ROLL if you have any questions regarding the service or installation of your Hotchkis products.

Visit us online @ www.hotchkis.net

Stabilizer Bars:

Your new Hotchkis Stabilizer Bars will significantly reduce body roll without sacrificing ride quality. Steering response and overall traction will greatly improve. With less body roll, your tires will have a wider contact patch during a turn resulting in more traction. In addition, Hotchkis Stabilizer bars are also specifically designed to optimize the handling balance of your vehicle giving the car a more neutral feel.

Notes:

This installation will require you to lower the front subframe from the body. It is highly recommended that this installation be done on a 4-Post Lift and performed by a trained professional. Please read the entire manual before starting.

Front Stabilizer Bar Installation

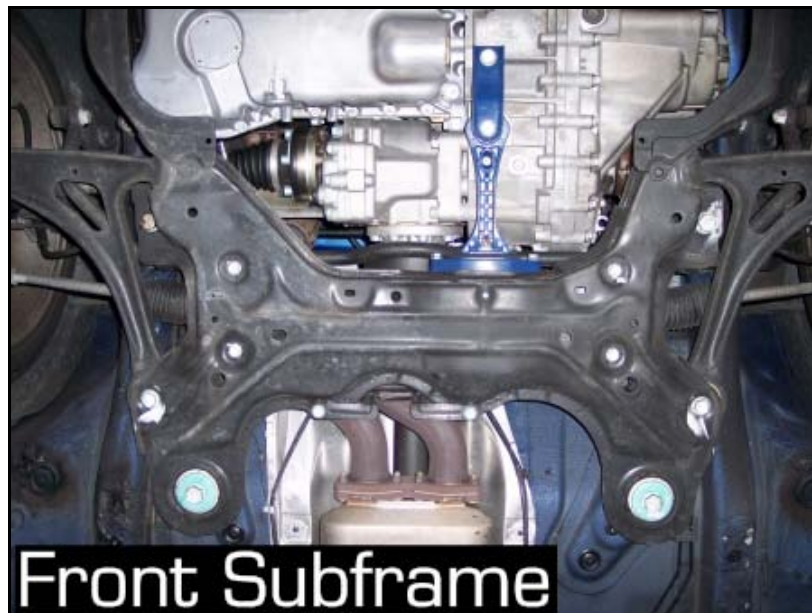
1F Raise Vehicle

It is necessary to perform this installation on a 4-post lift.



2F Front Subframe

Take a peek underneath the vehicle and familiarize yourself with the front subframe. The Front stabilizer bar is located right above the subframe making this installation rather fun.



3F Remove the Lower Engine Mount

Locate the lower engine mount and remove the 2 bolts attached to the engine and the 2 bolts mounting it to the subframe.



4F Disconnect the Steering Rack

There are 4 bolts that secure the steering rack to the front subframe. Loosen and remove these bolts to disconnect the steering rack from the subframe.



5F Plastic Liner

There is a torx screw on each side of the subframe attaching the front of the fender liner to the subframe. Unfasten these screws



6F Rear Bracket

Locate this bracket near the rear center of the subframe. Disconnect this bracket by loosening the 2 bolts.

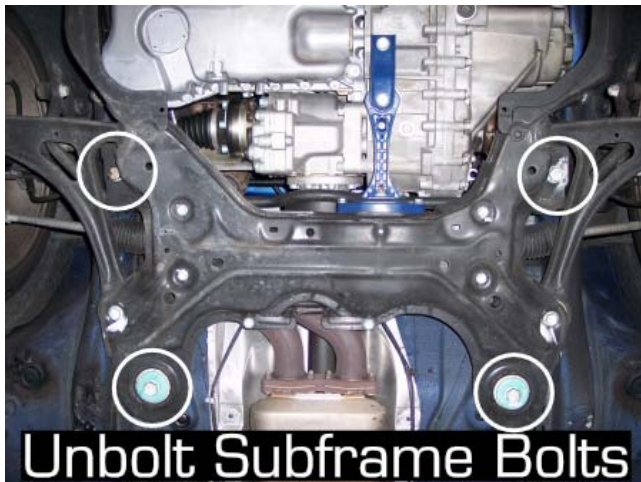


- 7F Detach Endlinks
Undo the stabilizer bar end links on each side.

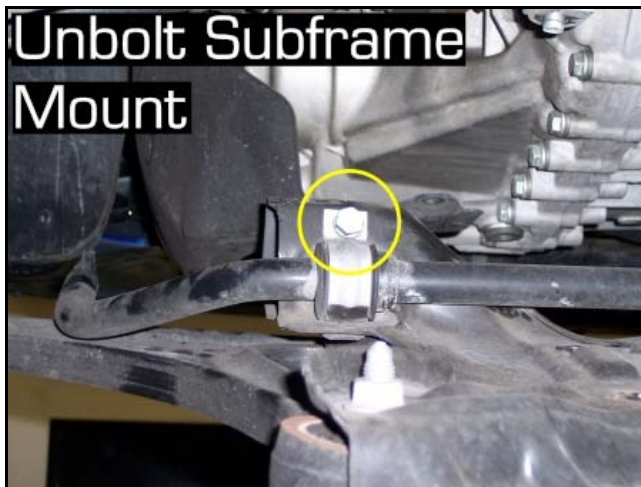


- 8F Dropping Subframe
Undo the 4 bolts that hold up the front subframe. You do not have to worry about the engine falling through since it is still mounted up top.

To gain more clearance, jack up the front of the vehicle at the designated jack points. This will allow the wheels to droop down, giving you more space between the subframe and the body.



- 9F Disconnect Subframe Mounts
Locate the subframe mounts and unfasten the 1 bolt per bracket.



- 10F Compare Stock vs. H-Sport
Remove the stock bar and place it next to your new H-Sport bar. This will allow you to orient your H-Sport bar for re-installation.



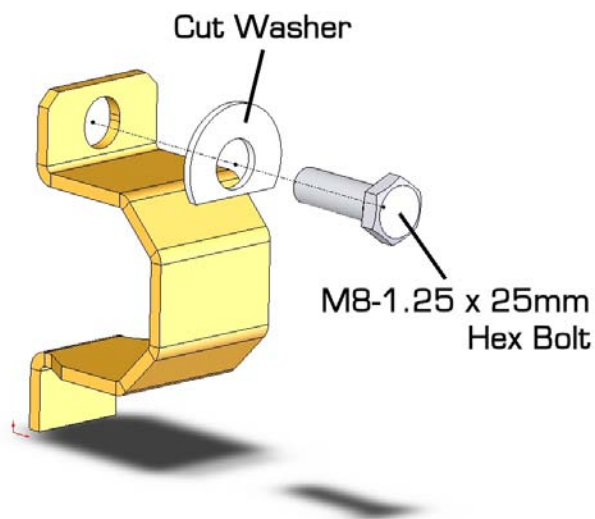
11F Lube H-Sport Bushings

Your Hotchkis Kit comes with new polyurethane bushings, brackets and hardware. At this time, lube the inside surface of the new bushings with the provided grease. Once greased install the bushings onto the bar in the same position as the stock bushings.



12F Re-Install Hotchkis Bar

Re-install the H-sport bar in the same manner as removal. Use your new bracket and hardware as shown in the picture. It's a good idea to apply some thread locker to the subframe mount bolts.

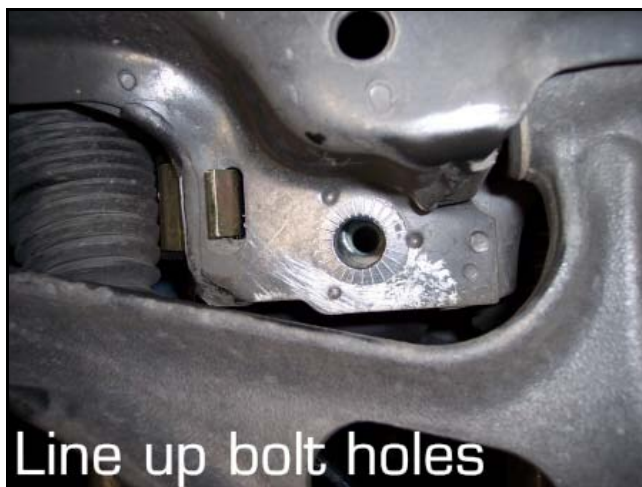


13F Restore Subframe

You will now need to jack the subframe back up to restore it to it's original position. This will take some patience, so please take your time. Make sure the steering rack falls back into position and the fender liner pieces are not binding on the subframe.

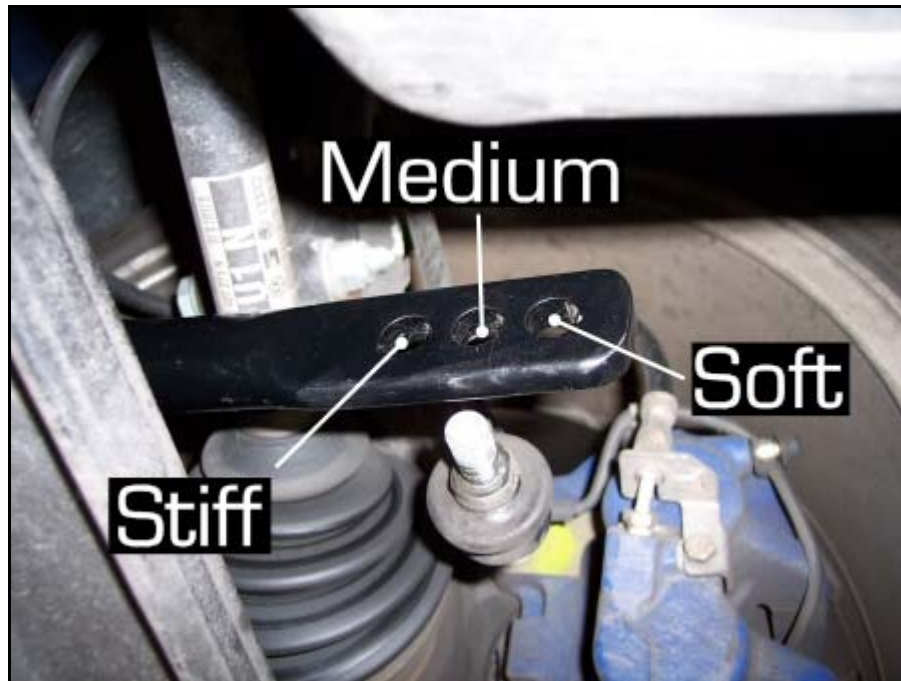


Using a combination of pry bars and wheel chocking, line up the subframe mount bolt holes one at a time. Start each bolt by hand. Once all 4 bolts are started, make sure the steering rack is positioned correctly. Repeat 3F to 6F in reverse order.



14F Reattach End Links

Once the subframe is all buttoned up, reattach the end links to the bar ends using the stock hardware. See picture for different stiffness settings.



15F Double Check Everything

Now is the time to double check to make sure everything is fully tightened. If everything looks good then you can move on to the rear bar installation.

Rear Stabilizer Bar Installation

1R Raise Vehicle

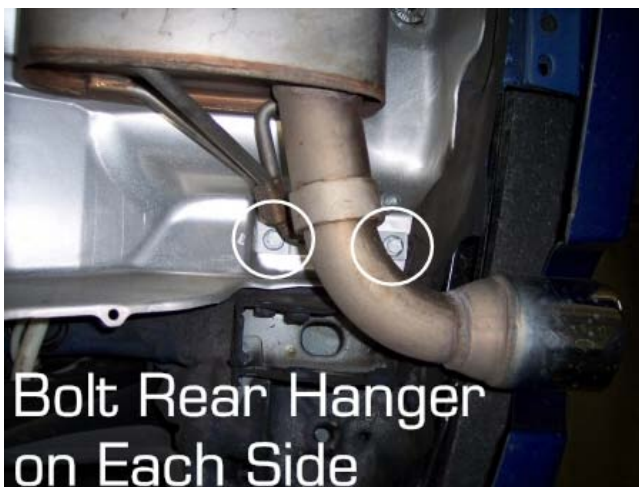
It is necessary to perform this installation on a 4-post lift.



2R Lower Exhaust

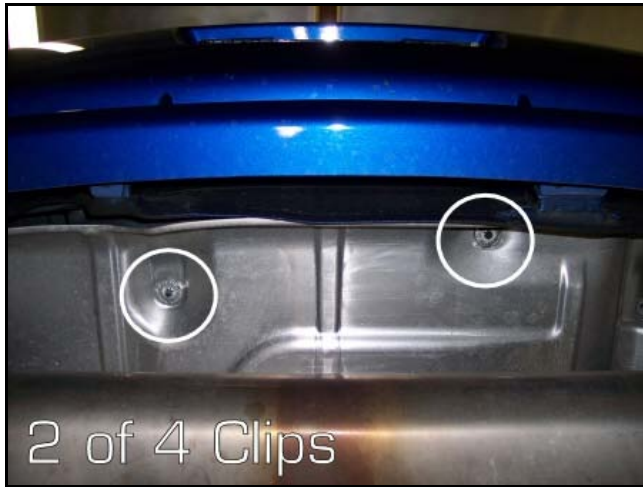
To gain more clearance, we will need to lower the exhaust system. Disconnect the 2 rubber hangers as shown in the picture. Use WD-40 or similar lubricant to ease this task. Next, unbolt the rear hangers located on each side near the end of the vehicle.





3R Remove Exhaust Heat Shield

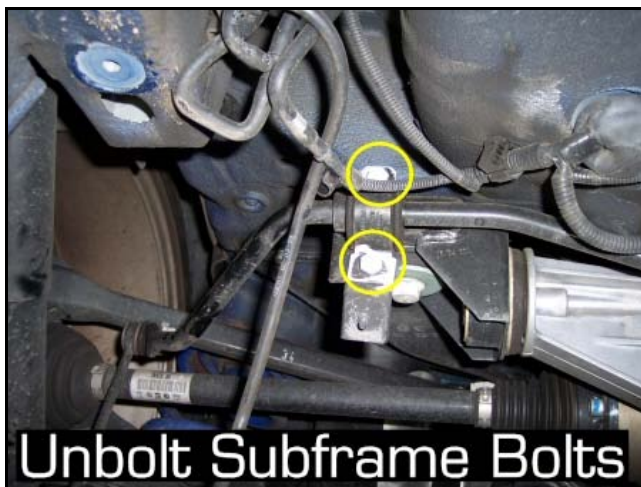
There is a heat shield directly above the mufflers that will need to be removed to gain access to the rear stabilizer bar. There are 4 circular push clips that hold this heat shield in place. Use some needle nose pliers and rotate the clips counter-clockwise to unscrew them. The heat shield may be a little stubborn getting out, but I noticed swearing helps. Once the heat shield is out set it aside.





4R Undo Subframe Bushing Mounts

Locate the 2 subframe bar mounts and undo the 2 bolts per bracket. Do not discard the 2 heat shield mounting bracket tab. You will need them for later.



5R Disconnect the End Links

Disconnect the end links on each bar end and the bar should be loose from the vehicle. Please take note of how the bar is oriented in the car. This will aid re-installation.



6R Compare Stock vs. Hotchkis

Remove the stock bar and place it next to your new H-Sport bar. This will allow you to orient your Hotchkis bar for re-installation.



7R Lube Hotchkis Bushings

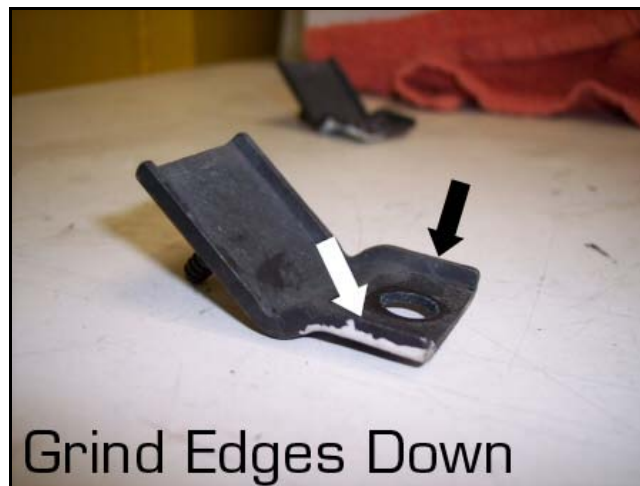
Your Hotchkis Kit comes with new polyurethane bushings and brackets. At this time, lube the inside surface of the new bushings with the provided grease. Once greased, install the bushings onto the bar in the same position as the stock bushings.



8R Heat Shield Mounting Bracket Modification

Since the bushings and brackets are slightly different than stock, it is necessary to modify the heat shield mounting bracket tab to fit with the new style bushing bracket.

The surface that mates with the stock bushing bracket tab will no longer mate flush with the H-Sport bracket due to it's larger size. We will need to grind off the rolled edges on the brackets to allow them to mount flat onto the Hotchkis brackets. Please see the following pictures for details.





9R Attach End Links

Install the Hotchkis bar in the same manner as removal. Attach the end links to the bar ends and fully tighten these nuts. It's a good idea to apply some thread locker on the nuts before installation. See picture for different stiffness settings.



10R Attach Subframe Bushing Mounts

Push on the new bushing brackets onto the bushings and secure them as shown below. Don't forget to install the heat shield mounting bracket tabs.



11R Re-Install Everything Else

Repeat steps 2R to 3R in reverse order.

15F Double Check Everything

Now is the time to double check to make sure everything is fully tightened. If everything looks good then you are finished.

Hotchkis Performance LLC

Return Policy & Limited Warranty

Effective December 1, 2010 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.

IMPORTANT: This warranty supersedes all other warranties included with this product.

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 for the term of 36 months (3 years) from the date of purchase of this product. 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?
- 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. 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 inquiries should be sent to the following address:

**HOTCHKIS PERFORMANCE, LLC
C/O CUSTOMER SERVICE
8633 Sorensen Avenue
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 December 1, 2010. 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.