

Sport Sway Bar Kit 22834 *06-UP BMW E90-E93*

*Thank you for your purchase from our new line of BMW parts.
Please call us at 877 - 4NO - ROLL if you have any questions
regarding the service or installation of your Hotchkis Performance products.*

Installation of Hotchkis Front Sway Bar

1F *Raising Vehicle*

Raise front of the vehicle by using a 4 post lift or drive-on ramps. Securely block the rear wheels of the vehicle. Do not remove the front wheels during installation for safety.



2F *Remove Front Splash Shield*

Remove front lower splash shield and note the orientation of the sway bar.



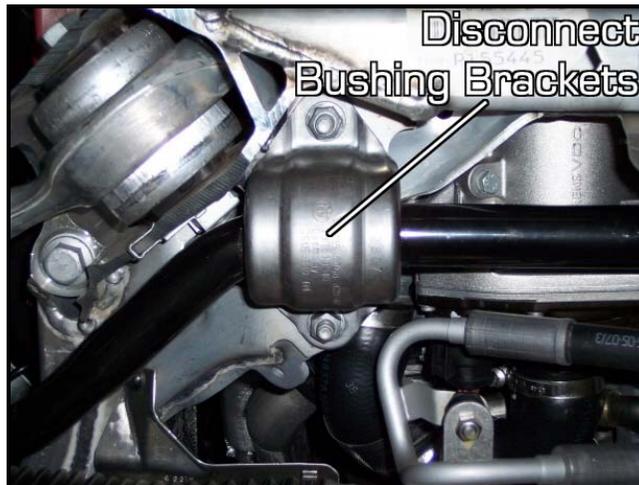
3F *Disconnect End Links*

Remove end link nuts that attach to the sway bar and push end links aside.



4F *Disconnect Bushing Brackets*

Remove the sway bar bushing brackets.

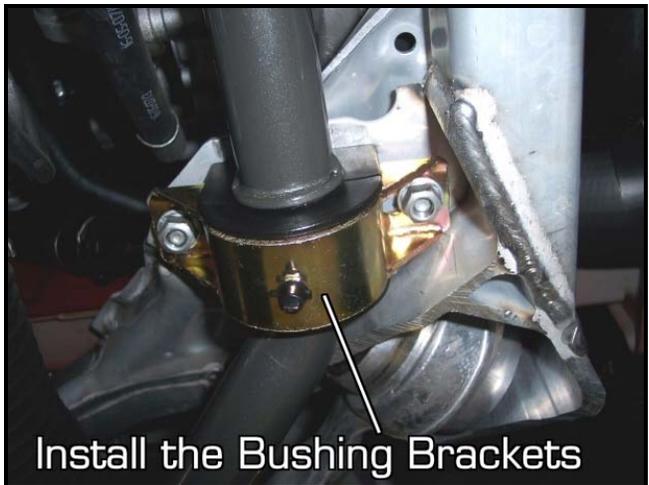
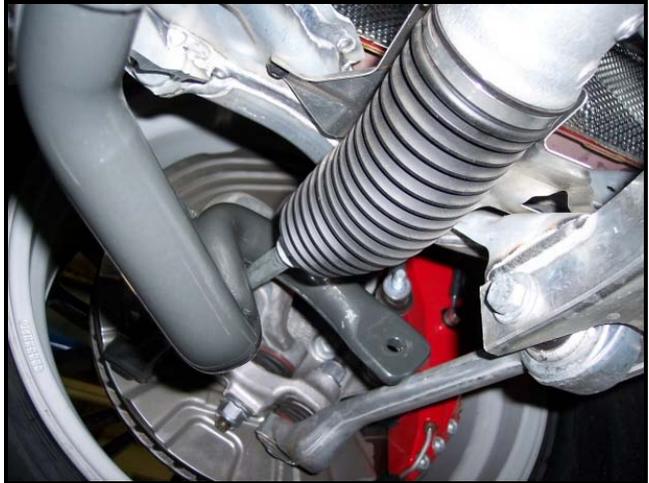
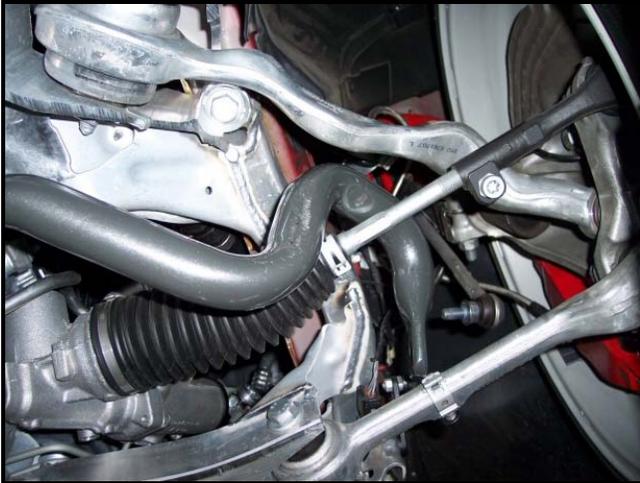


5f *Remove the bar from vehicle*

Lower the sway bar down and shift it to the driver side of the car. Lift the sway bar as high as possible on driver side, and rotate the passenger side of bar away from the tie rod. Now you can completely remove the sway bar from the car.

6f *Install Hotchkis Front Sway Bar*

Install the new sway bar in the exact reverse order as removal. Make sure to lube the new urethane bushings with the supplied grease. Use the included Hotchkis bushing bracket. It is slightly more difficult to install the Hotchkis bar due to the larger diameter. If you are unable to find the "sweet spot" to rotate the new sway bar into location, you can jack up the car, remove the wheels, disconnect the tie rods and the bar will fall right in. **Use the supplied blue lock-tight on the end-link nuts. Make sure to fully tighten the end link nuts.**





7F *Reinstall Splash Guard*
Install splash guard and your done with the front.



8F *Double-Check for Tightness*
Make sure to double check all fasteners.

9F *Sway Bar Stiffness*
95% Stiffer than Stock

Installation of Hotchkis Rear Sway Bar

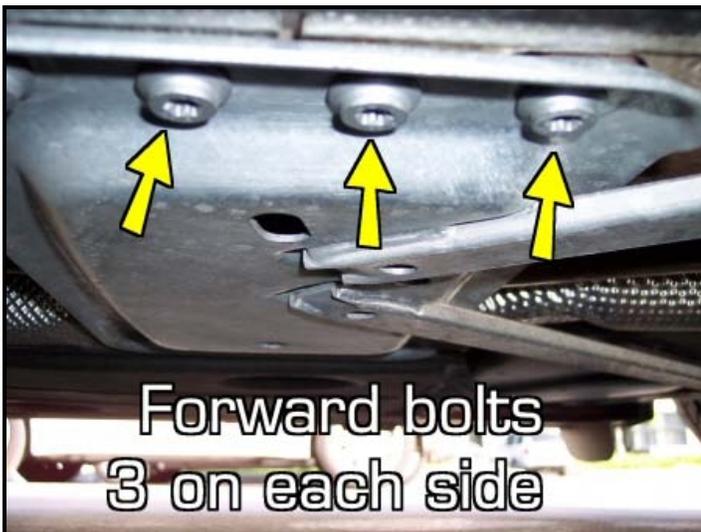
1R *Raising Car*

Raise the vehicle and support with jack stands. Remove the rear wheels.

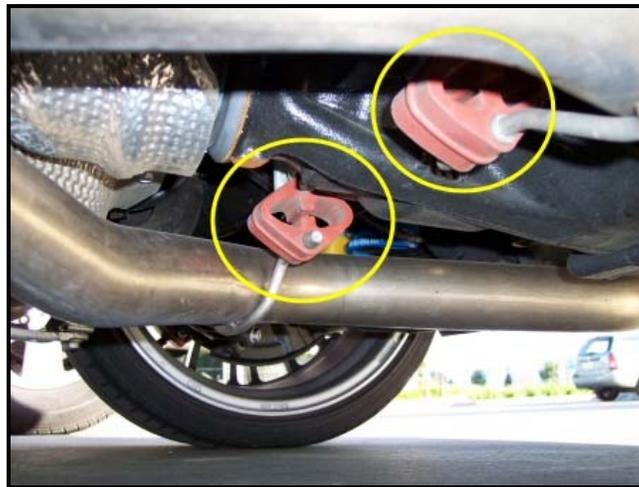
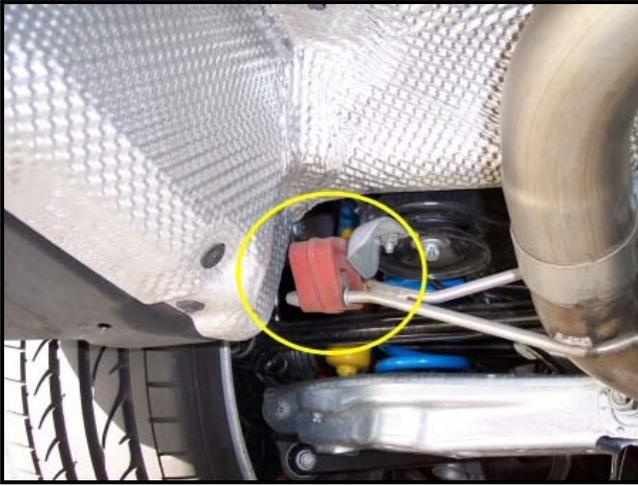


2R *Remove Chassis Brace*

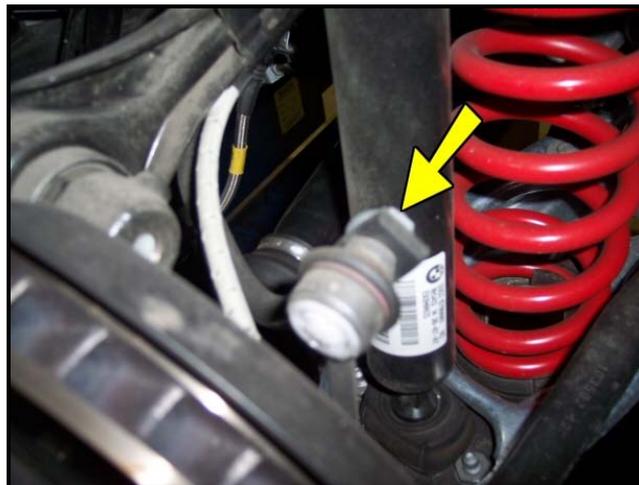
Locate and remove the chassis brace from under the vehicle. There are 6 bolts holding the front section of the brace and 2 bolts (one on each side) holding the rear.



- 3R *Disconnect Exhaust Hangers*
Locate and disconnect the rear rubber exhaust hangers.

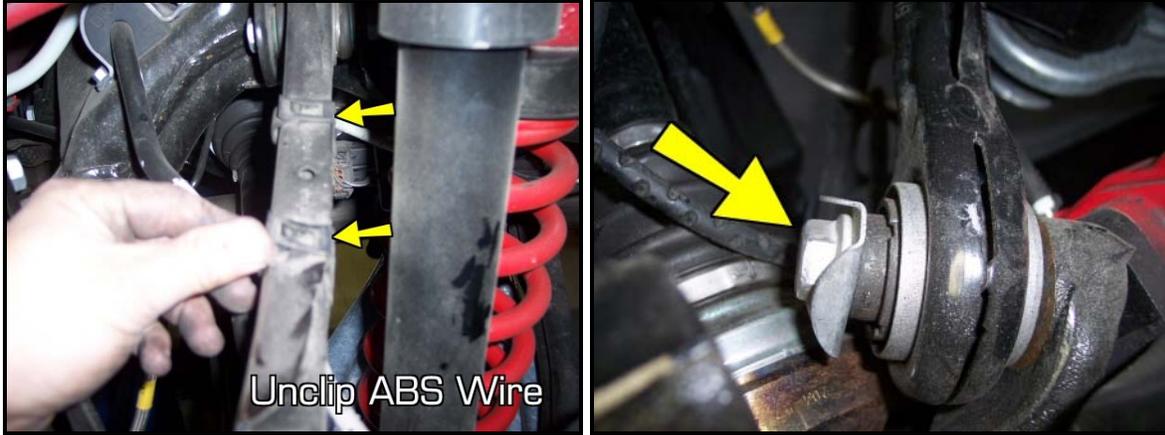


- 4R *Disconnect End Links*
Locate and disconnect the end-links from the sway bar.



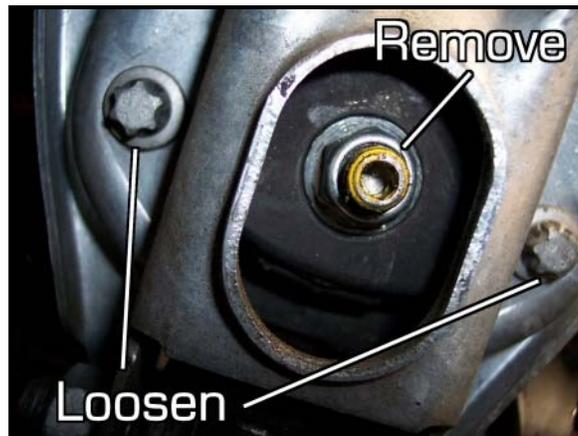
5R *Disconnect Upper Control Arm*

Disconnect the ABS sensor wire from the upper control arm. Remove the bolt that attaches the upper control arm to the knuckle, and rotate the control arm up and out of the way.



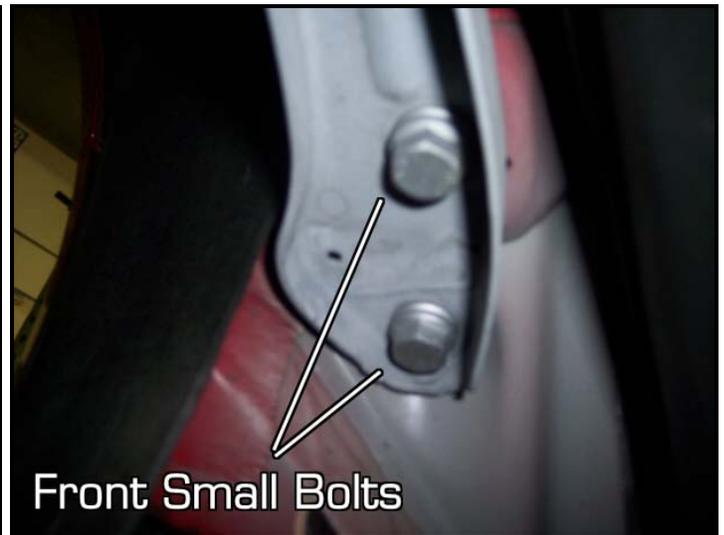
6R *Disconnect Lower Shock Mount*

Support the lower control arms with jacks. Loosen the side bolts and remove the nut that attaches the lower shock mount to the lower control arm. Slowly lower and remove the jacks from supporting the lower control arms.



7R *Drop the Rear Subframe*

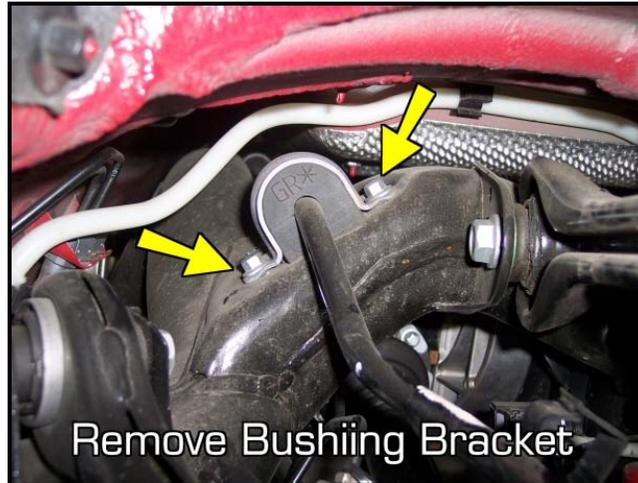
Place a jack under the differential to support the sub-frame. There are 4 main bolts that hold the subframe to the chassis (2 front & 2 rear). There are also 4 smaller bolts (2 on each side) that connect the front mounts to the chassis. Remove these smaller bolts. Locate and remove the rear sub-frame bolts. Next locate the front sub-frame bolts and loosen about halfway, but DO NOT remove them all of the way.



Carefully lower the sub-frame down with the jack until you can access the sway bar bushing brackets. Be careful not to lower the sub-frame too much, or damage to the brake lines will occur.

8R *Disconnect Bushing Brackets & Remove Stock Bar*

Remove the sway bar brackets and bushings, and pull the sway bar out from the Drivers side of the vehicle. The bushing brackets may be stuck onto the bushings, so you may need to spray WD-40 and have a little patience getting them off.



9R *Install Hotchkis Rear Sway Bar*

Install the new sway bar in the same manner it was removed.

10R *Install Hotchkis Bushing Brackets*

Grease the new urethane bushings with the supplied grease, and install with the new brackets onto the sway bar. Make sure to use the supplied flat cut washers with the factory bolts, and install with blue lock-tight.



11R *Finish Installation in Reverse Order*

Finish the installation in the reverse order that everything was removed. Make sure to use blue lock-tight on the end-link nuts.

12R *Double Check Hardware*

Make sure all hardware is fully tightened before driving the vehicle. You are done with the installation. The vehicle does not require an alignment after this installation.

13R *Sway Bar Stiffness*

105% Stiffer than Stock



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.