



HOTCHKIS HOTCHKIS SPORT SUSPENSION



Sport Sway Bar Kit (22431) Subaru Forester



**Thank you for your purchase from our new line of Forester 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**

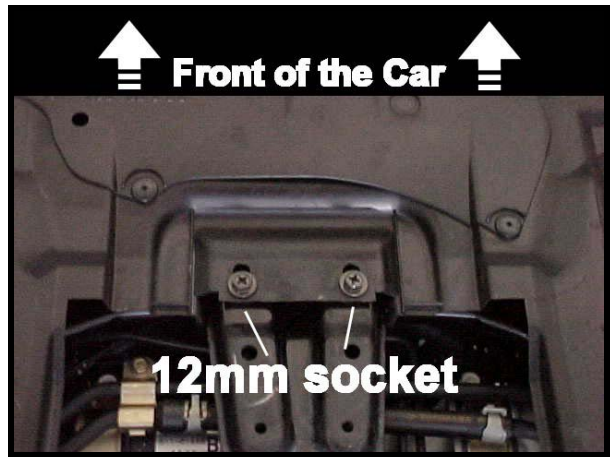
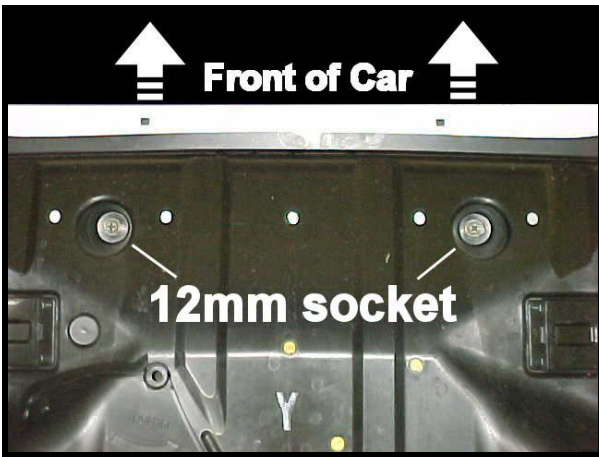
Tools required for this installation:

- Hydraulic jack, jack stands, torque wrench
- The following sockets or wrenches: 12mm, 14mm, 17mm,
- The following Allen wrenches: 5mm

INSTALLATION OF HOTCHKIS FRONT SWAY BAR

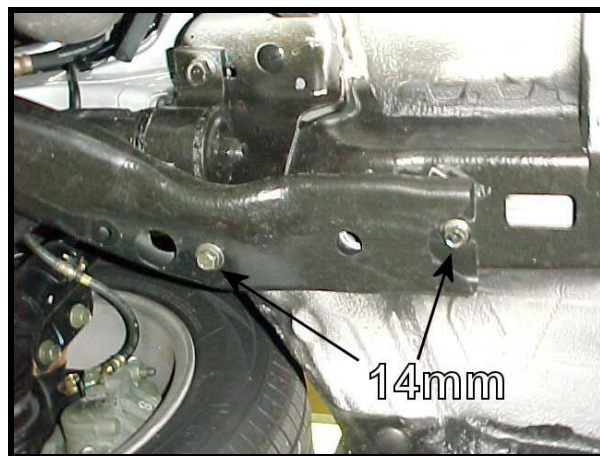
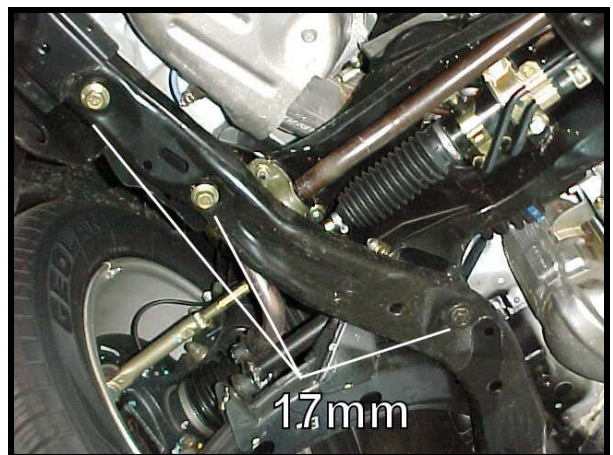
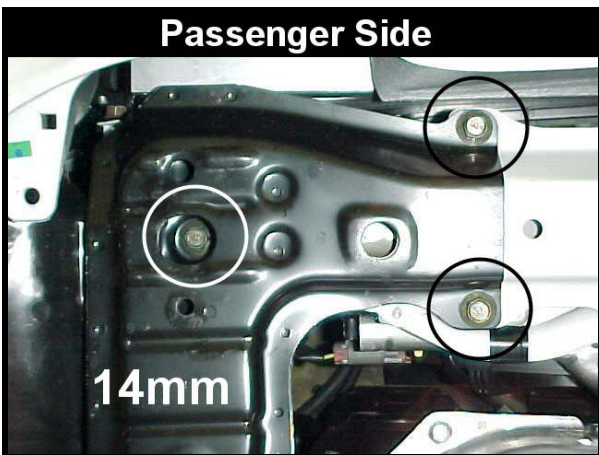
- 1) Securely block the rear wheels of the vehicle. Use a jack to lift up the front of the vehicle and use jack stands to support it. It is not necessary to remove the front wheels during installation.
- 2) Remove the plastic splashguard from under the front of the vehicle. It is held in place by plastic clips and 4 self-taping bolts. The clips can be removed by hand or by using a flat head screwdriver. Use a 12mm socket to remove the 4 bolts. Retain the clips, bolts, and splashguard for re-installation.



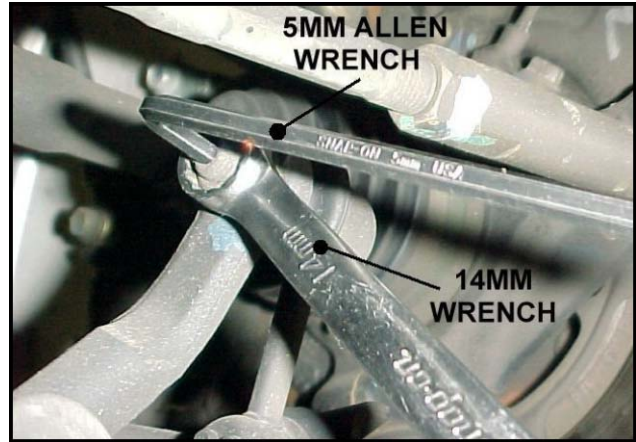


- 3) Loosen and remove the bolts holding the front sub frame in place. Unlike the WRX chassis, the forester front sub frame is comprised of 2 pieces (driver/passenger sides). Retain all hardware for re-installation. Remove the sub frame when unbolted.

Note: *The front sub frame is not weight bearing, and can be easily removed by one person without having to support the engine.*



- 4) Unbolt the stock end link from the sway bar on each side. Use a 14mm wrench and a 5mm Allen wrench to remove the nut from the end link. Retain the hardware for re-installation.



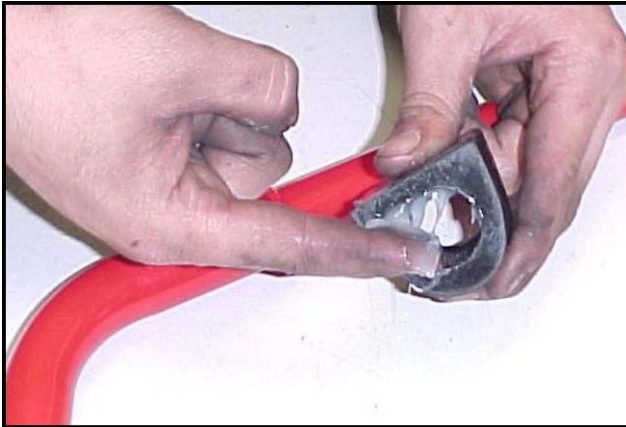
- 5) Use a 12mm socket or wrench to loosen and remove the bolts holding the sway bar bushings and bushing brackets. Keep the hardware and brackets for later re-installation. You may discard the stock rubber bushing.



- 6) Remove the 4 front bolts that hold up the skid plate. The sway bar should be completely free from the car at this point.



- 7) Use the provided grease to lube the inside of the new polyurethane bushings and slide the bushings over the bar.



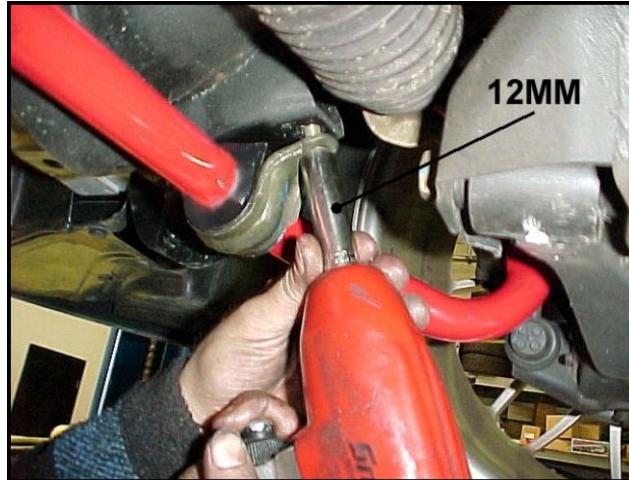
- 8) Lift the Hotchkis sway bar into position the same way the stock sway bar came out. Use the stock mounting brackets and hardware to secure the new sway bar in place. Do not fully tighten the bracket bolt at this time.



- 9) Rotate the Hotchkis sway bar into position until you can re-connect the end links. For stock end links you should use the 14mm wrench and 5mm Allen wrench you used to remove the nut. Torque the end link nut to 30ft-lbs.



- 10) Once the end links are connected, you can now fully tighten the bushing bracket bolts to 30ft-lbs



- 11) Reinstall the skid plate, sub frames, and splashguards in reverse order using steps 1-6.

You are now finished with the front sway bar installation! Make sure all hardware is fully tightened before driving the vehicle.

Move on to the Rear Sway Bar Installation

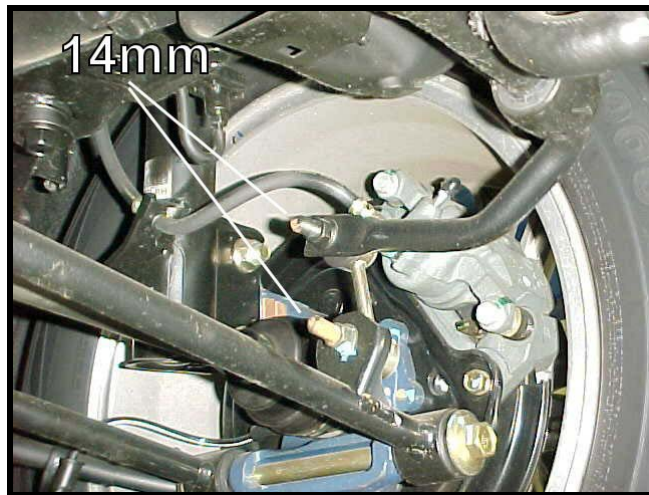


INSTALLATION OF HOTCHKIS REAR SWAY BAR

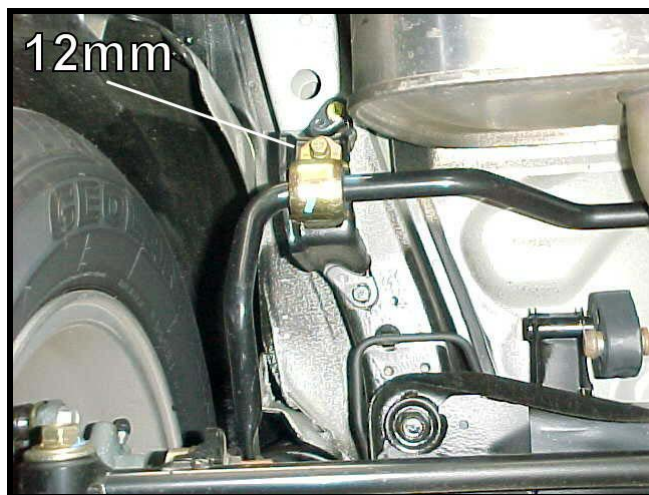
Tools required for this installation:

- Hydraulic jack, jack stands, torque wrench
- The following sockets or wrenches: 12mm, 14mm
- The following Allen wrenches: 5mm

- 1) Securely block the front wheels of the vehicle. Use a jack to lift up the rear of the vehicle and support with jack stands. As with the front installation, you should not remove the rear wheels.
- 2) Observe the stock sway bar installation for reference. Use a 14mm wrench or socket to loosen and remove the bolts holding the end links to the sway bar. Retain the hardware for later use.



- 3) Remove the bolts holding the 2 bushing brackets using a 12mm socket. Retain the brackets and hardware for reinstallation. You may discard the stock rubber bushing.



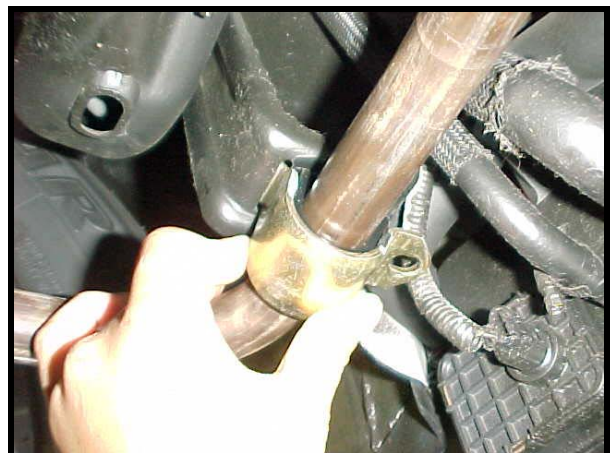
- 4) You should now be able to remove the sway bar from the vehicle.



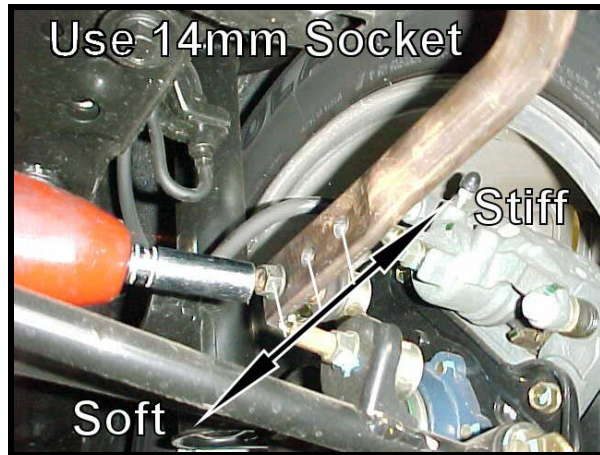
- 5) Lube the inside of your new polyurethane bushing with the provided grease.



- 6) Install your new Hotchkis sway bar the same way the stock bar came out.
- 7) Install the polyurethane bushings on the sway bar with the split facing towards the rear of the car. Once the bushings are in position, secure them with the stock bushing brackets and hardware. Fully tighten the bolt using a 12mm socket.



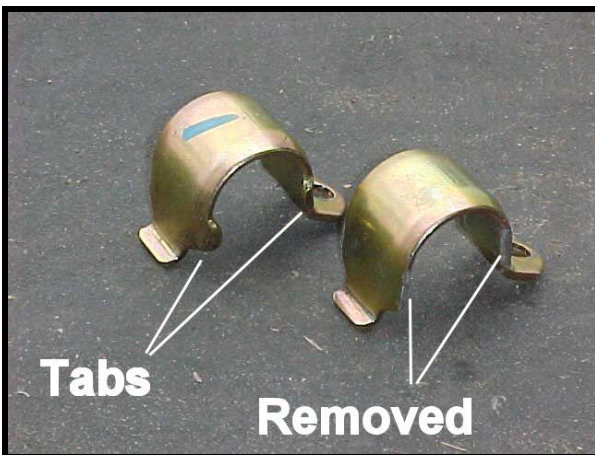
- 8) Secure the end links to the sway bar and fully tighten the nut using a 14mm wrench or socket. You can adjust the sway bar stiffness by choosing 1 of the 3 holes on the end of the bar (see picture for details).



- 9) Make certain the zerk caps covering the grease fittings are in place. Re-check all hardware for tightness. You are now finished installing your new Hotchkis sway bar set!

Supplementary Note:

After the car has been test driven, please do a quick check to see if the rear bushing bracket tabs are rubbing the sway bar. If so, you can easily trim the tabs off using a cut-off wheel or grinder.



IMPORTANT: For regular maintenance the bushings should be greased at least once a year (15,000 miles) or whenever excessive noise occurs. Use a non-lithium based grease, as lithium grease can wash out with water.



Sport Sway Bar Kit (22431)
Subaru Forester

	Hotchkis P/N	Item Description	Quantity
1	22820136	Front Anti Roll Bar	1
2	22920332	Rear Anti Roll Bar	1
3	5664.01	Front Polyurethane Bushings	2
4	5665.01	Rear Polyurethane Bushings	2
5	9.11108	Grease Pack	2





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 inquires 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.**