

Sport Sway Bar Kit 22435, 22437 Mazda MX-5, RX-8

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

Removal of the front sway bar should be done at ride height, so it is recommended that the vehicle be raised by a flat alignment style rack, or place the front of the vehicle on ramps and securely block the rear wheels.



2F *Remove front Splash Guard*

To access the front sway bar you will need to remove the front splashguard. There are a series of screws and snap clips that hold it in place. Once all the clips and screws are removed you can set the splashguard aside.



3F *Detach End Links*

Loosen and remove the lower end link nuts from both sides, and push links aside.



4F *Disconnect Lower Radiator Supports*

There are 2 mounting supports that position the radiator. Loosen and remove the 2 bolts per mount. The radiator is still supported by the upper mounts, so you need not worry about the radiator falling down.



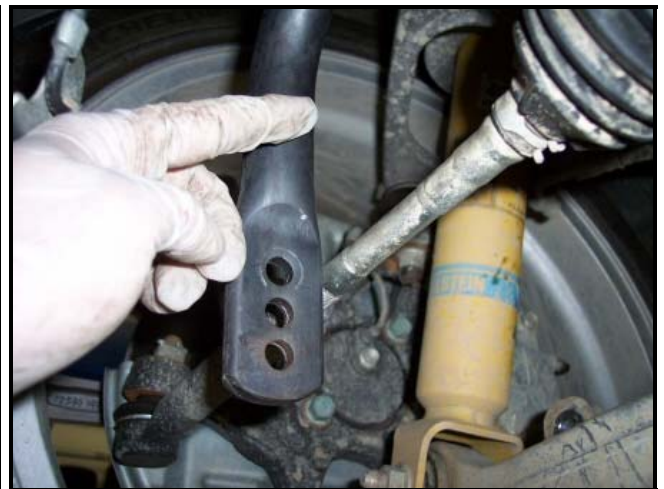
5F *Undo the Sway Bar Bushing Bracket Bolts*

Loosen and remove the sway bar bushing bracket bolts. There are 2 per bracket. Once the bolts are removed, the bar should be loose from the vehicle.



6F *Remove the Front Sway Bar*

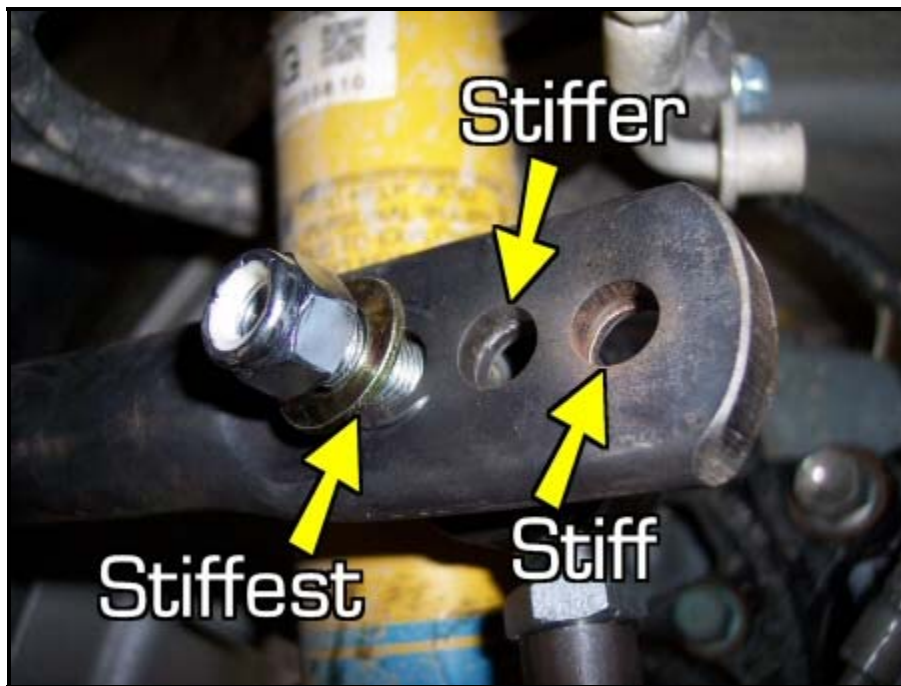
It's a tight fit where the front bar is, so it will take some patience removing the sway bar. To ease removal, take off the bushings from the bar. It also helps raising the front of the vehicle slightly allowing the suspension to droop to gain more clearance. It's sort of a puzzle the way the bar comes out, but rest assured, it does come out fairly easily. One of your goals when tryin to get this darn thing out is to get the sway bar ends over the steering tie rods. Normally the bar is behind the tie rods, but to get them out you need to flip the bar ends over to the front. From that point you should be able to fish it out. Try to remember how the bar comes out, for this will be the same procedure getting the new Hotchkis bar in. Note: Some of the pictures below are of the Hotchkis bar. Pretend it's the stock bar.



7F *Reinstall New Hotchkis Bar*

Repeat steps 1F through 6F in reverse order. Your new Hotchkis bar uses new bushings and brackets. Use the supplied silicon grease to lube the inside surface of the bushings. Make sure to use thread lock compound on the subframe bushing bracket bolts and the end link nuts. Special Note: Due to the shape our bushing brackets, the ABS line bracket will need to be ground down to allow the Hotchkis bracket to sit flat. This is quite easy to do. You can use a file to grind down section in question. This will be necessary for both sides. Reuse the oem nuts for the Hotchkis installation. This sway bar is adjustable, so please refer to the following pictures to help you figure out the setup you desire.





(Please ignore the hardware shown in the above picture)

8F *Double Check Hardware*

Make sure all hardware is fully tightened before driving the vehicle. Let's move to the rear sway bar.

Installation of Hotchkis Rear Sway Bar

1R *Raising Car*

Removal of the rear sway bar should be done at ride height, so it is recommended that the vehicle be raised by a flat alignment style rack, or place the rear of the vehicle on ramps and securely block the front wheels.



2R *Detach End Links*

Loosen and remove the lower end link nuts from both sides, and push links aside.



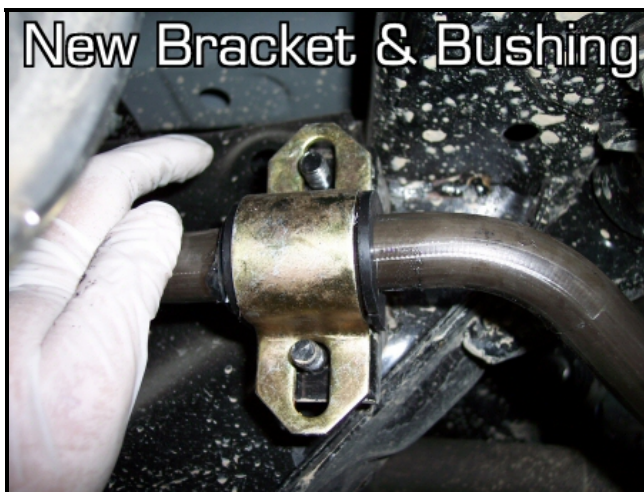
3R *Undo the Sway Bar Bushing Bracket Bolts*

Loosen and remove the sway bar bushing bracket bolts. There are 2 per bracket. Once the bolts are removed, the bar should be loose from the vehicle.



4R *Reinstall New Hotchkis Bar*

Repeat steps 1R through 3R in reverse order. Your new Hotchkis bar uses new bushings and brackets. Your kit comes with flat cut washers for the bushing bracket nuts. Install these washers before you install the OEM nuts. Use the supplied silicon grease to lube the inside surface of the bushings. Make sure to use thread lock compound on the subframe bushing bracket bolts and the end link nuts. You can adjust the stiffness of the rear sway bar based on which end link hole you use. The hole closest to the end of the bar is the softer setting and the hole furthest from the end is the stiffest setting.





5R *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.



WARRANTY SPORT SUSPENSION

WARRANTY POLICY

Effective January 1, 2000. Supersedes all previous policy statements. Policies are subject to change without notice. Hotchkis Performance is not responsible for printing errors.

If you purchased your Hotchkis Performance product from an authorized dealer, you are covered by the terms of this policy. All claims however, must be submitted **THROUGH YOUR DEALER** not to Hotchkis Performance directly.

Return Policy:

We want you to be completely satisfied with your Hotchkis Performance product. In case you're not, you can exchange or return it within 30 days of the purchase date. To obtain a full refund, excluding freight, 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 part has to be in its original packaging materials and be in a sellable condition. For parts presenting signs of use, only warranty claims will be accepted. Exchanges or refunds can be made after 30 days with a 20% restocking charge.

Warranty Claim:

Hotchkis Performance warrants its products against materials and workmanship failure for the term of 36 months (3 year) from the date of purchase and only up to the amount paid. If the product is determined to be defective, Hotchkis Performance will repair, replace or refund its value at Hotchkis Performance's discretion. Any repaired or replaced product will be returned to the sender freight prepaid.

How to File a Warranty Claim:

The answer to ALL the following questions should be **YES** before contacting our Customer Service Department.

- Is the part appropriate to your application?
- Did you carefully and thoroughly read the instructions provided along with the part?
- Do you have the proof of purchase?
- Are you the original purchaser?
- Is the part unmodified and clean?
- Is the return date within 36 months from the purchase date?
- 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 part prepaid to our facility. All shipments MUST be prepaid, include the original invoice and show the RGA on the outside of the package, otherwise it will be refused. Please include a brief explanation letter in order to expedite the warranty analysis process.

What doesn't this Warranty Cover?

The costs not covered by this warranty include but are not limited to:

- Removal, installation, shipment and insurance costs.
- Improper installation or maintenance.
- Misuse or abuse, negligence, off-road and/or racing applications.
- Damage to related components.
- Normal wear and tear.
- Costs incurred due to down time of vehicle.
- Alterations on the original design or unauthorized repairs.

Items offered but not manufactured by Hotchkis Performance are warranted according to the Manufacturers terms and are not the responsibility of Hotchkis Performance.

All warranties implied by law are limited in duration of this warranty. You have specific rights that may vary from state to state.

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