

Sport Sway Bar Kit 2254 70-74 Chrysler E-Body 'Cuda, Challenger



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

IMPORTANT: PLEASE READ THE ENTIRE INSTRUCTION MANUAL BEFORE STARTING THIS INSTALLATION. THERE'S SOME HOLE DRILLING INVOLVED AND IT WOULD BE A SHAME TO MAKE ANY UNNECESSARY HOLES DUE TO INSTALLER ERROR. METAL GRINDING IS ALSO NECESSARY.

Installation of Hotchkis Front Sway Bar

1F. *Raise the Vehicle*

Raise the vehicle and safely secure it on jack stands. Remove either the driver or passenger side wheel.

2F. *Disconnect End Links*

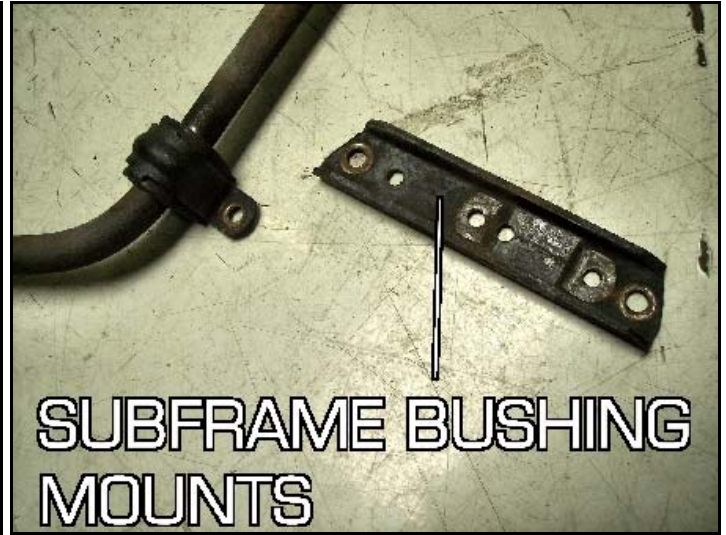
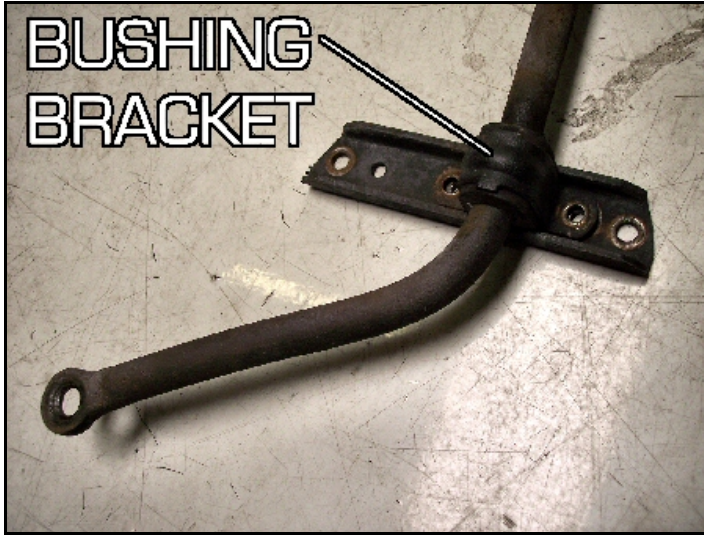
Disconnect the stock sway bar end links from the lower control arm and the sway bar

3F. *Disconnect Bushing Brackets*

Disconnect the bushing bracket from the subframe bushing mounts.

4F. *Remove Subframe Bushing Mounts.*

Unbolt the 2 nuts and remove the subframe bushing mounts.



5F. Remove the Front Stock Sway Bar

Fish the stock bar towards the side that the wheel was taken off. The stock sway bar should be able to be completely removed from the vehicle.

6F. Disconnect the Radiator Bracket

There is a radiator bracket directly in front of the k-frame. Disconnect the rearward bolt and loosen the front bolt to swing the bracket out of the way.



7F. *Cut Skid Plate*

If your k-frame has a skid plate you will need to cut the front welds that attach the plate to the k-frame. This will allow you to carefully bend the skid plate downward to allow the new bar to go in. Use a cut-off wheel or grinder to cut the welds. You will be re-bending and rewelding the plate back to it's original position later in this installation.

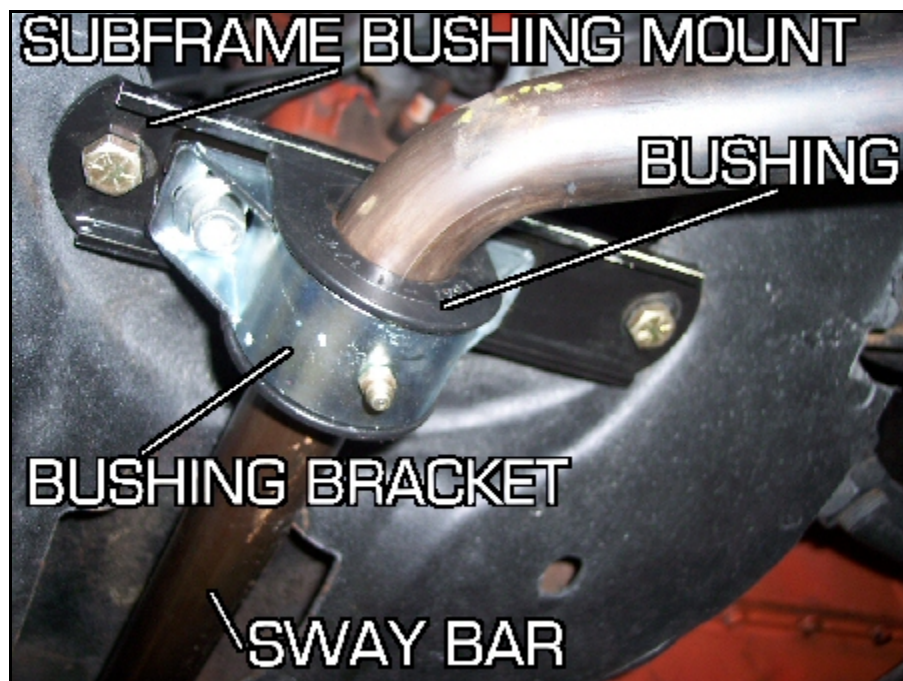


8F. *Install Hotchkis Sway Bar*

Insert the Hotchkis front sway bar through the middle of the k-frame like the stock bar use to.

9F. *Install New Subframe Bushing Mounts*

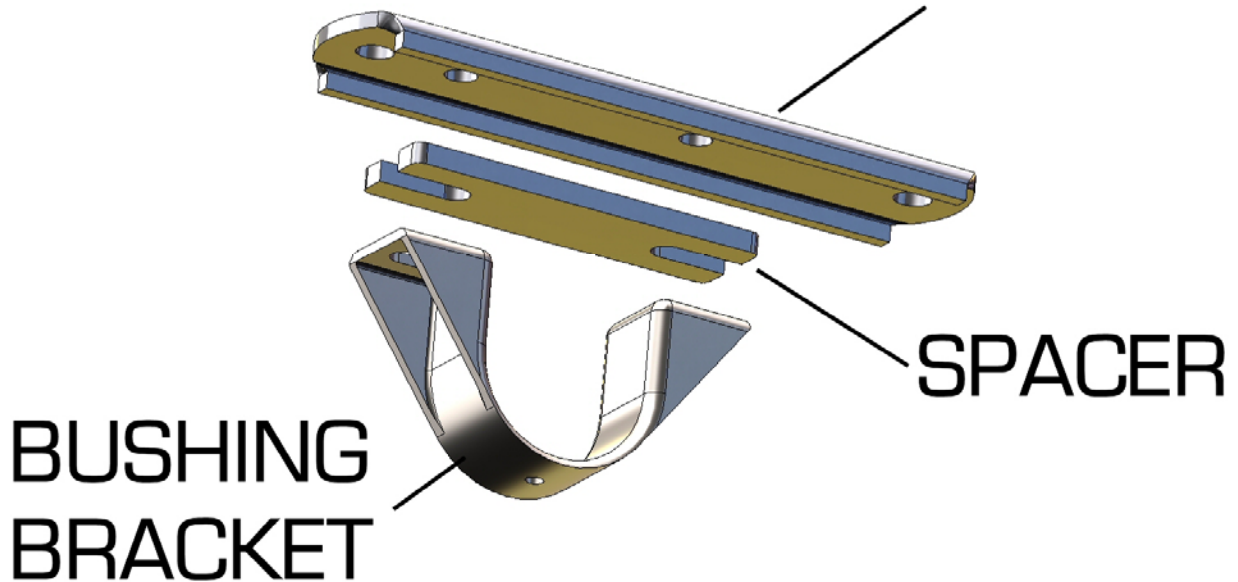
Install the Hotchkis subframe bushing mounts with the included hardware. Use the fine thread 3/8 hex bolts for this mount. Make sure to use a washer for the bolt head and the nut side.



10F Install the Bushings & Brackets

Lube the inside surface of the new bushings with the provided grease. Install the bushings on to the bar. Install the bushing bracket onto the bushing. You will need to install the included spacer between the bushing and the subframe bushing mounts. Use the provided 3/8 socket head bolts and nuts. These are course thread. Use the flat cut washers on the socket head side.

SUBFRAME BUSHING MOUNT



11F. Install End Links

Install the new end links in the same fashion as the stock removal.



12F Re-Weld Skid Plate

Use a jack to push the skid plate back to it's original position. Sand or grind down the area near the cut. Disconnect the car battery and re-weld the plate.

13F Sway Bar Stiffness

This bar is 220% stiffer than stock.



Installation of Hotchkis Rear Sway Bar

1R. *Raise the Vehicle, Remove Rear Bar*

Installation must be done at ride height. Drive vehicle on to ramps, or use a 4-post alignment style rack. If your vehicle has a factory sway bar, jack up the vehicle and support with jack stands, remove one wheel, remove end links and bushing brackets, and slide bar out side of vehicle. Install wheel, and lower vehicle back down to ride height.



2R. *Install Axle Brackets*

Hang the bushing bracket u-bolts over the axle tubes.

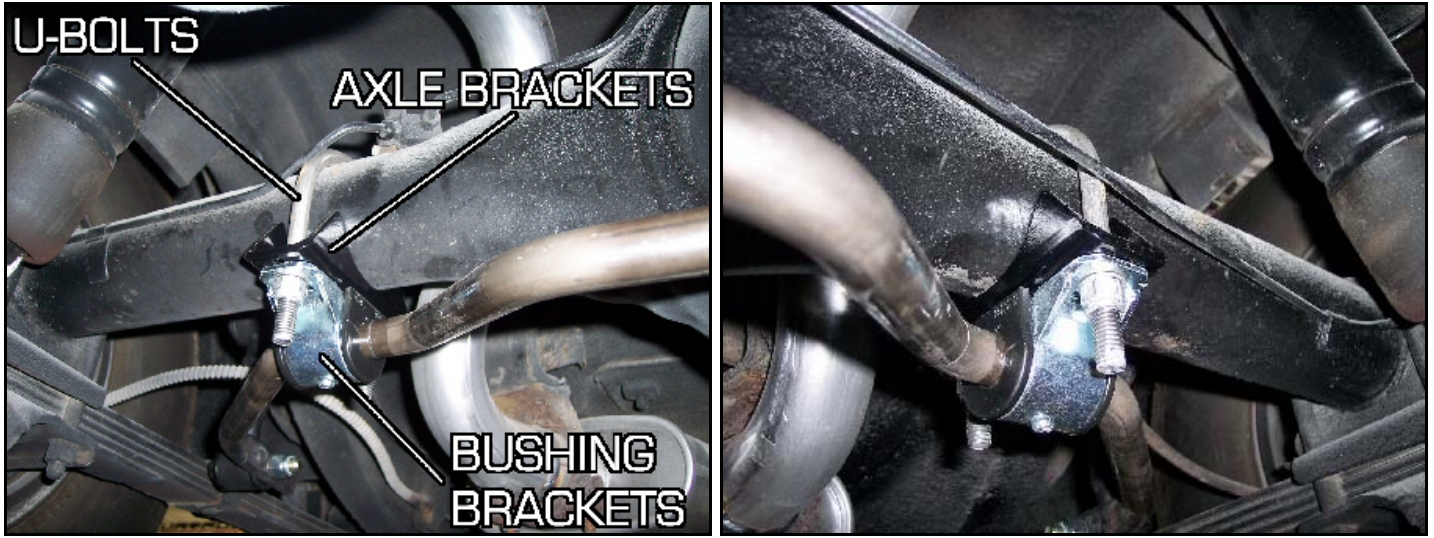
3R. *Install Bushings & Brackets*

Apply grease to the new bushings with the supplied grease, install onto sway bar, and press bushing brackets over bushings.

4R. *Attach bar to Axle*

Lift the sway bar into position, and attach to u-bolts with the axle brackets. Install the nuts onto the u-bolts, but do not completely tighten yet. Align the axle brackets so they are level with the ground.





5R. Install End Link Dog Bones

Install dog-bones, and frame brackets onto sway bar with the supplied hardware in the center hole of the sway bar.

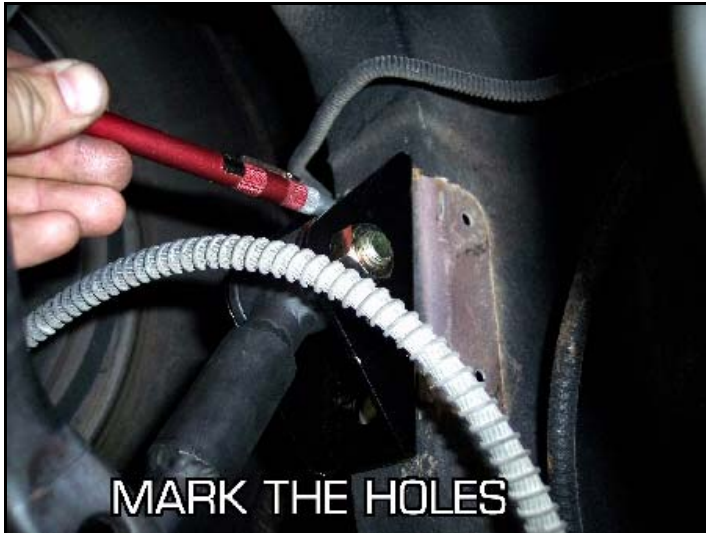


We've noticed on some E-bodies that the distance between the left and right frame rails were 1/2" wider. If the frame bracket does not line up in the center of each frame rail due to the frames having a wider span, then please install the optional spacer between the sway bar and the end link.



6R. Mark the Frame For Drilling

Raise sway bar until the frame brackets touch the frame. **Make sure the sway bar is centered on the axle, and dog-bones are vertical. Also make sure the axle bracket is still level.** Mark the holes to drill.



7R. Drill Holes in Frame

Lower the sway bar back down, and drill the holes with a 7/16 drill bit.



8R. Install Frame Mounts

Place the frame bracket u-bolt through the frame, and attach the bracket.



9R. Attach End Links

Raise the sway bar back into position, attach the dog-bones, and completely tighten all hardware.



10R Stiffness Adjustment

Your Hotchkis rear bar has 3 adjustment holes, which allows you to change the sway bar stiffness harder or softer. The hole closest to the sway bar end is the softer setting, while the hole furthest from the end is the stiffest. The stiffness values are as follows:

- Soft Setting: 40% Stiffer than Stock
- Medium Setting: 75% Stiffer than Stock
- Stiff Setting: 120% Stiffer than Stock

Hotchkis Performance LLC Return Policy & Limited Warranty

Effective September 1, 2007. 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.

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 on unused products, 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 product has to be unused and in its original packaging materials and be in sellable condition. For products presenting signs of use or damage, only warranty claims will be accepted. 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 warrants its products against defects in materials and workmanship for the term of 36 months (3 years) from the date of purchase. 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 freight prepaid.

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. 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.

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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:

- 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. Warranty related inquiries should be sent to the following address:

**HOTCHKIS PERFORMANCE, LLC
C/O CUSTOMER SERVICE
12035 BURKE ST. SUITE 13
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.