



**HORSEPOWER FOR YOUR SUSPENSION**

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**1401 / 1402 / 1403 ADJUSTABLE TRAILING ARM MOUNT BRACES**

*1401 – 78-88 GM A/G-BODY / 1402 – 68-72 GM A-BODY / 1403 – 64-67 GM A-BODY*

**Thank you for your purchase.**

**Please call us at (562) 907-7757 if you have any questions regarding your Hotchkis Performance products.**

**INSTALLATION OF HOTCHKIS PERFORMANCE  
ADJUSTABLE TRAILING ARM MOUNT BRACES**

**ALWAYS USE CAUTION! - AND MAKE SURE THE CAR IS SECURE ON JACK STANDS.**

- 1) Place the vehicle on a level surface. Block the front tires.
- 2) Use a jack to lift the rear of the car until the suspension is at full droop and the tires are no longer contacting the ground. Support the rear of car on jack stands.
- 3) Place the jack under the differential. This will be used later to lower or raise the axle for ease of installation.
- 4) Use a ratchet or wrench to remove rear shock absorbers at the lower mounts. This should free up the springs to be removed.



- 5) Using the jack placed under the differential, raise the rear suspension to its approximate ride height. The braces are generally easier to install with the rear axle at its normal ride height position to the frame.

**NOTE:** Be careful not to unload the weight of car off the jack stands.

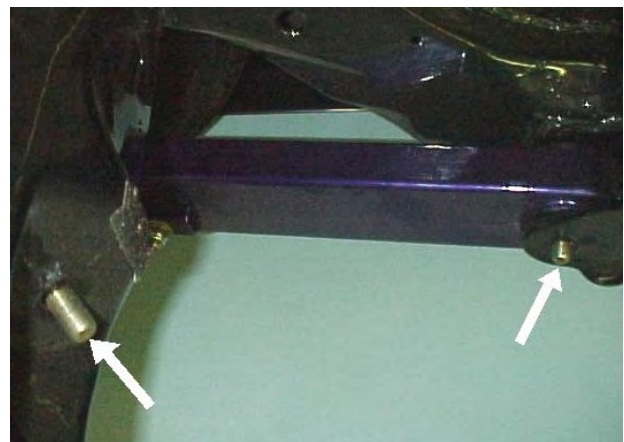
To keep the axle from rotating, **install one brace at a time.** **Do not** have trailing arm bolts removed from opposite sides at the same time.

- 6) Remove one front upper trailing arm bolt and replace with supplied longer bolt and washer. Push bolt through trailing arm until about 1/2" of thread is showing. A short amount of thread makes it easier to slide the brace onto the bolt.



**NOTE:** If the emergency brake cable covers the upper trailing arm bolt, then this cable will have to be moved slightly. Do this by removing the cable bracket bolt just above the pinion. Push the cable aside for the brace clearance.

- 7) Repeat step 6 for the front bolt of the lower trailing arm. Access to this bolt should be through a hole in the outside of the frame that can be reached with a socket and ratchet extension.



*These pictures were taken on a bare frame for reference.*

- 8) The brace can now be installed by sliding it over the bolts. The braces connect the upper and lower trailing arm frame mounts as indicated by the arrows in the photo from step 7. The longer section of the brace fits next to the lower trailing arm.



**NOTE:** For 78-88 models (part #1401) the curved section fits next to the lower trailing arm between the rear seat pan and the frame cross-member as shown in the photos below.



- 9) Adjust the length of the brace as necessary. Loosen the jamb nut on the brace with 15/16" wrench to allow the head to move. Rotate the head **clockwise to shorten** the brace or **counter-clockwise to lengthen** the brace until it fits over the ends of the bolts. The brace ends should fit almost flush to the frame with the bolts fully extended through the ends.



**YOU WILL NOT**, be able to determine if you have the right brace length until you have fully extended the bolts and the brace fits without causing the hardware to bind.

Hand-tighten the jamb nut on the brace. Place the washers included over the bolt ends and start the nylock nuts on the bolt ends to make sure the bolts don't pull out, and move on to the next step.

- 10) Repeat the installation & adjustment procedures for the opposite side.
- 11) Once the braces are installed, place one drop of **Loctite** on the trailing arm bolt threads. Tighten the washers and nuts. Torque the nuts to 60 ft./lbs. You may have to use a wrench and socket together to keep the hardware from spinning.

**NOTE:** If using rubber trailing arm bushings, then raise the differential to approximate ride height and tighten the trailing arm bolts. Polyurethane equipped trailing arms can be tightened at full suspension droop.



- 12) Use the 15/16" wrench from before to tighten the jamb nut on the brace.
- 13) Replace the brake cable if it was moved earlier.
- 14) Re-install the springs and bolt the shocks back into place. CHECK THAT ALL HARDWARE IS TIGHT! Lower the jack from the differential and remove the jack. Use the jack to remove the jack stands supporting the rear of the vehicle. Remove the blocks from the front wheels and you're done with the installation!

*CHECK ALL NUT AND BOLT TIGHTNESS AFTER FIRST 10 MILES*



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## HOTCHKIS PERFORMANCE 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.

**12035 BURKE ST. SUITE 13 SANTA FE SPRINGS, CA 90670**

**PHONE: (562) 907-7757 FAX: (562) 907-7765**





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**RETURN THIS FORM FOR A FREE 9" DIE CUT STICKER!**

**Thank you for purchasing our products.**

Our goal is to supply you with the highest quality, and the most thoroughly tested performance products available. To assist us in continuing to do this, please take a moment to fill out and return this questionnaire.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip \_\_\_\_\_

Phone #: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Year, make and model, car/truck: \_\_\_\_\_

What parts did you purchase? \_\_\_\_\_

Where did you purchase them? \_\_\_\_\_

Were you satisfied with this transaction? Y N

(If not, why?) \_\_\_\_\_

• WERE YOU SATISFIED WITH THE FOLLOWING?

Fabrication and finish: \_\_\_\_\_

Instructions and ease of installation: \_\_\_\_\_

Performance improvement: \_\_\_\_\_

(If not, why?) \_\_\_\_\_

What other products would you like to see us make?



Have you read about our products on the Internet? Y N

(If so, where?) \_\_\_\_\_

Where have you seen our products?  
(i.e. magazines/shows/catalogs) \_\_\_\_\_

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