



HORSEPOWER FOR YOUR SUSPENSION

MUSTANG DELTA™
CASTER/CAMBER PLATE
INSTRUCTIONS

#3001 1979-'93 Mustang

#3002 1994+ Mustang

Thank you for your purchase of this Hotchkis product. Your Delta™ Plates were designed with the performance and durability you've come to expect from Hotchkis Performance. If you have any questions regarding installation, please do not hesitate to call Hotchkis Performance directly, we will be more than happy to help. **(562) 907-7757**
8:00 AM – 5:30 PM PT Mon. – Fri.

- 1.) With the rear wheels securely blocked, raise the front of the vehicle and support securely with jack stands. Using masking or duct tape place one piece on each axis of the strut tower/fender well. Use a felt tip pen to mark the location of the strut on the strut tower/fender well. This will enable you to return the strut to the previously established alignment setting.
- 2.) Remove the front wheels; disconnect one sway bar end link and place floor jack under the front control arm. Lift arm up until the weight has been taken off the upper strut mount. **Do not lift the chassis off the jack stands.**
- 3.) Remove the nut at the top of the strut with an impact wrench or two open-end wrenches. Lower the control arm down slowly, stopping the jack before binding or pinching the brake line. Then remove the strut from the spindle by unbolting the two bolts that connect the strut to the spindle.
- 4.) Remove the stock plastic boot and bump stop. Place the plastic ring over the new bump stop. Put the new boot and bump stop on the strut.

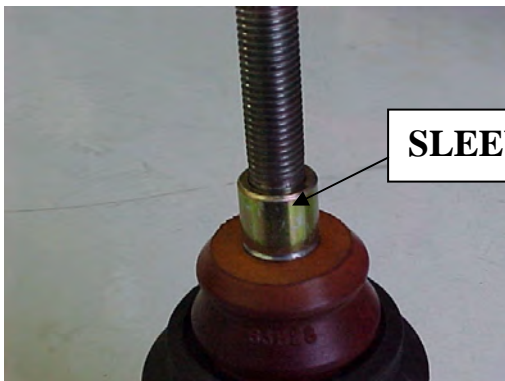


- 5.) Remove the stock upper strut mount from the car. If mount is held with a rivet it must be drilled out. Remove the L- Bracket from the Hotchkis Delta™ plate.

- 6.) Reaching into the fender well, insert the bolts upward through the holes in strut tower through the Delta™ plate. Attach the Delta™ plate with the washer and nuts. Keep them loose enough that camber can be adjusted.

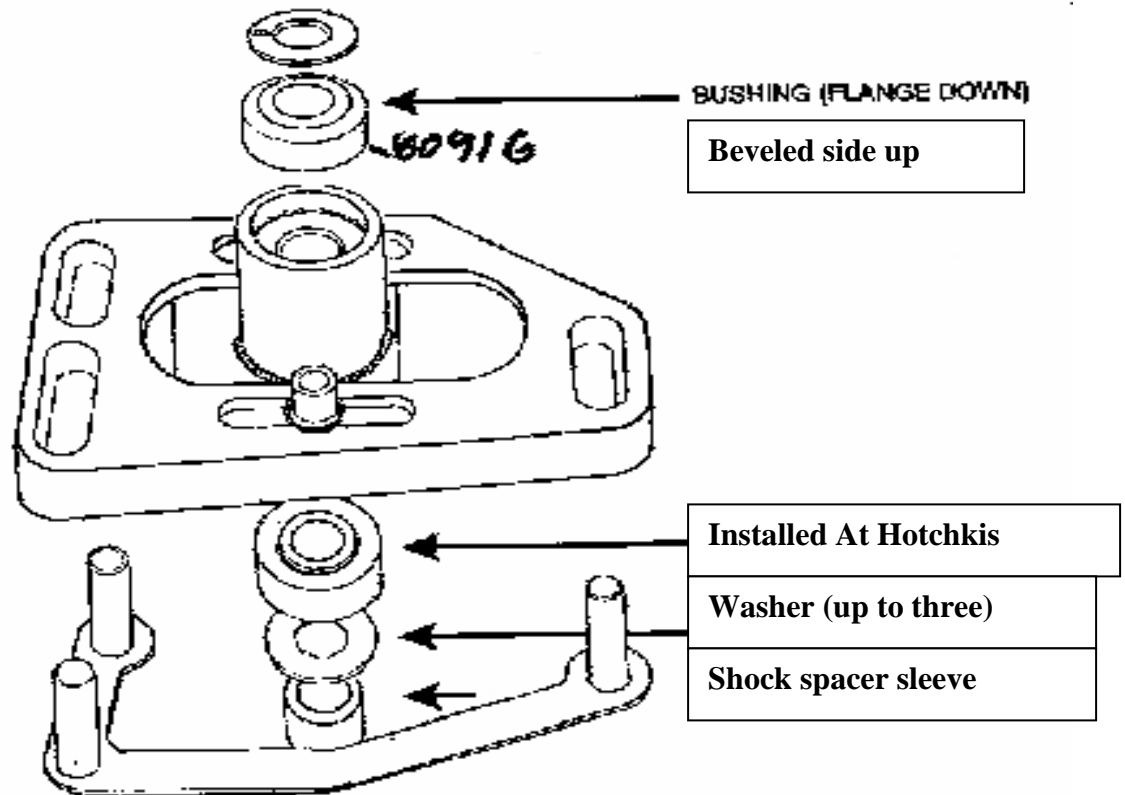


- 7.) Place the spacer sleeve and washers on the strut shaft. Depending on what kind of strut your using the amount of spacer washers will vary. We recommend to start with one then work your way up. What the spacer washers are for is to figure out how much the strut shaft sticks out of the Delta™ plates for hood clearance. **Do not close hood before checking.**



- 8.) Re- attach the strut to the spindle
9.) Insert the strut shaft through the Delta™ plate. Then place the polyurethane bushing with the beveled edge up. Put on the flat washer and the strut nut, tighten with impact wrench or open end wrenches until polyurethane just starts to bulge at sides. **Make sure both polyurethane bushings; spacer and spacer washers are installed. See Drawing on next page.**





- 10.) Put your end link back on.
- 11.) With the Delta™ Plate hardware slightly loose slide the strut to original alignment settings using pen marking as the guide. Then snug down and check hood clearance. **Do not close hood before checking.** With one washer between the spacer sleeve and the lower poly bushing the strut can hit the inner hood support. This setup will provide the ultimate shock travel but will dent the inner hood support. Installing up to three spacer washers between the spacer sleeve and lower poly bushing can move down the strut. Lowered cars will benefit from more shock travel. Once the spacers are determined, tighten 8mm bolts to 20 ft. lbs., and 12mm nuts to 40. Lbs.
- 12.) Lower jack and repeat for the other side.
- 13.) Test drive car and check bolt and nut tightness.



**NOTE: NOT RECOMMENDED FOR
COIL OVER APPLICATIONS**

**SUGGESTED
PERFORMANCE
ALIGNMENT SETTINGS:**

1979-“93

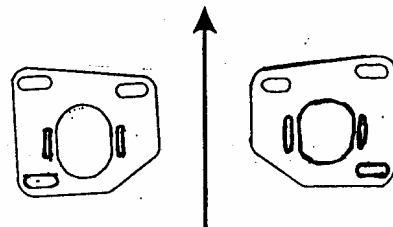
Toe: 1/16” IN Total Toe
Camber: ½ Degrees Negative
Caster: 2 Degrees Positive

1994 +

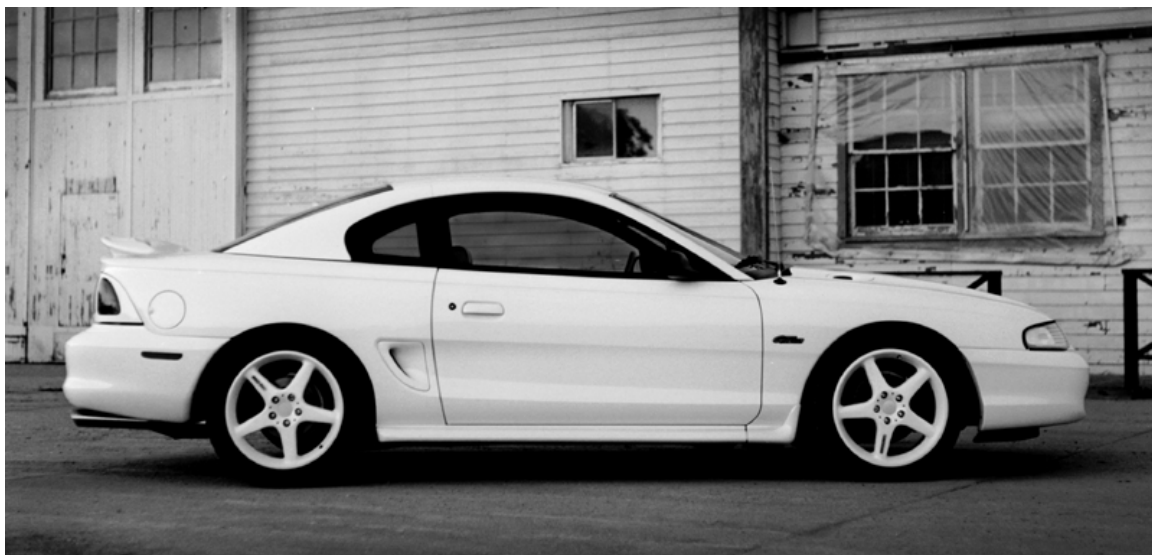
Toe: 1/16” IN Total Toe
Camber: ½ Degrees Negative
Caster: 3.8 Degrees Positive

3002 ONLY

FRONT OF CAR



**MORE AGGRESSIVE SETTINGS ARE
EASILY ACCOMPLISHED WITH THE
DELTA™ PLATES.**



**THANK YOU FOR PURCHASING
HOTCHKIS PERFORMANCE PRODUCTS.**



HORSEPOWER FOR YOUR SUSPENSION



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**



HORSEPOWER FOR YOUR SUSPENSION

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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