



# CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

## DOUBLE ADJUSTABLE PANHARD BAR

### APPLICATIONS:

2005-Current Ford Mustang  
Body Style:All  
Engine:All

### KIT CONTENTS

1ea. Assembly Lube Vial (Poly/Delrin Bushing Only)  
1ea. Applicator Brush (Poly/Delrin Bushing Only)  
1ea. Decal

***WARNING!!!: Do not under any circumstances remove or loosen any part of the rear suspension while the weight of the vehicle is being carried by the rear axle/suspension assembly. Removal of suspension components while the component is under load can and will cause damage to the vehicle, bodily injury, or both. If you lack the necessary skill, tools, or equipment to safely complete this installation, have the component installed by a mechanic with the proper equipment and expertise.***

Thoroughly read and understand these installation instructions before beginning the installation. If there is any doubt regarding the procedure, please contact CHE Performance prior to attempting installation

### Step 1. Raise and Support Vehicle

Raise the rear of the vehicle as high as safely possible and properly support the vehicle on the frame of the car. Because you will be removing a suspension link from the vehicle, it is important that the rear axle is not carrying the weight of the vehicle. The tires should be off the ground, and the weight of the axle should be carried by the shocks.

### Step 2. Remove Driver's Side Panhard Bar Bolt



The Driver's side panhard bar bolt is located under a plastic cover. Lift the cover (not shown in photo) and remove the bolt using an 18mm socket or wrench. Save the bolt and flag nut for reinstallation.

### Step 3. Remove Passenger Side Panhard Bar Bolt



Remove the bolt retaining the panhard bar on the passenger side. Save the bolt and flag nut for reinstallation.

### Step 4. Remove Panhard Bar



Remove the panhard bar from the vehicle. It may be necessary to loosen the panhard bar brace mounting bolt (Located just above the panhard bar mounting bolt on the passenger side) to allow removal of the bar.

### Step 5. Install Double Adjustable Panhard Bar



On Panhard Bars with Poly Bushings, lubricate the bushing faces and panhard bar mounting points on the vehicle with the supplied grease prior to installation.



Install your new panhard bar following the reverse order of removal re-using the factory hardware. The bar is already adjusted to factory length. Where applicable on rod end version panhard rods, ensure that the rod end spacers are installed prior to installation of the bar.

If you purchased a panhard bar with a rod end/poly bushing combination, it is recommended to install the poly bushing on the chassis side mount and the rod end on the axle mount.;

### Step 6. Torque Fasteners

Torque all fasteners to factory specification, 175Nm (129 lb-ft), remembering to tighten the panhard bar brace if it was loosened.

### Step 7. Adjust Panhard Bar Length

If your vehicles ride height has been altered, it will be necessary to adjust the panhard bar in order to center the rear axle relative to the vehicle. If your vehicle ride height has not been changed, then the installation is complete and the vehicle can be lowered.

### Step 8. Level Vehicle and Support at Wheels

In order to properly center the axle, it is important that the vehicle is level both front to back as well as side to side. Additionally, the vehicle should be supported at the wheels in order to provide an accurate ride height. Failure to follow this step will result in improper adjustment and can result in vehicle/tire damage.

### Step 9. Check Axle Center



Check the axle center by measuring from the top of the wheelwell opening to the sidewall of the tire. The most accurate measurement can be made by using a plumb bob or a weighted string. Measure the spacing on both driver and passenger side.

### Step 10. Adjust Panhard Bar Length



Adjust the panhard bar length by first loosening the jam nuts at both sides of the bar. Note that the side of the bar with the identification groove is a left hand thread. Rotate the bar in the proper direction until the tire spacing is identical on both sides of the vehicle using the measuring procedure stated above. Note that every full revolution of the panhard rod will change the length by 1/8".

### Step 11. Tighten Jam Nuts



Once the proper length has been set, tighten the jam nuts on both sides of the bar, remembering that the side with the identification groove is a left hand thread. It is important that the rod ends be properly aligned to allow proper rotation of the panhard rod.

### Step 12. Lower Vehicle

Safely lower the vehicle and road test it.

### Questions, Comments, Suggestions?

If you have any questions, comments, or suggestions regarding these instructions or product, please do not hesitate to contact us immediately. Thank you, and enjoy your new CHE Performance Product.

### Technical Support/Contact Information

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