



## CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

### TUBULAR REAR UPPER CONTROL ARM MOUNT

Part No. CHE2P

#### APPLICATIONS:

2005-Current Mustang

Body Style:All

Engine: All

***WARNING!!: 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

#### Package Contents:

1ea. Rear Upper Control Arm Mount

1ea. Threadlocker Compound

Please note that this mount has multiple mounting holes for the Upper Control Arm. The upper holes (closest to the floor pan when the mount is installed) are in the factory location. The lower holes will provide additional Instant-Center which will help plant the tires during hard launches reducing wheel-hop and traction loss.

### Step 1. Raise the Vehicle

With the front wheels properly blocked; raise the rear end of the vehicle as high as safely possible. Place jack stands on a solid area under the frame of the car, not the rear end.

### Step 2. Support Rear Axle

To aid in aligning the control arm mounting holes, place a floor jack near the front pinion side of the differential. The floor jack should only be raised enough to apply light pressure to the axle.

### Step 3. Remove Rear Seat Cushion

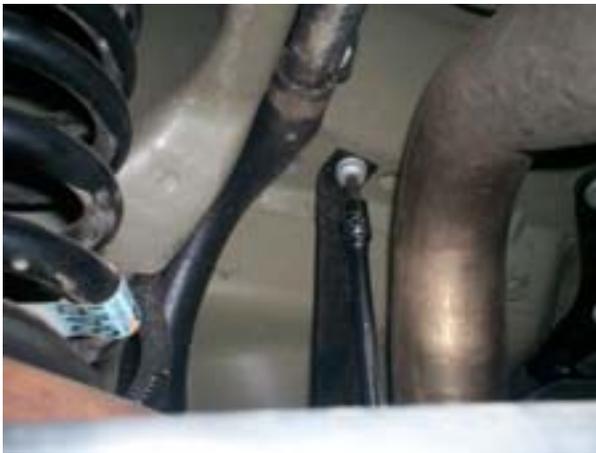
To gain access to the Upper Control Arm mount forward bolt, it is necessary to remove the rear lower seat cushion. Push in on the plastic tabs located on the lower side of the cushion and raise the cushion up and out of the vehicle.

### Step 4. Remove Mount Front Bolt



From the inside of the vehicle, remove the stock Upper Control Arm Mount front bolt using an 18mm wrench or socket. Save the bolt for re-use.

### Step 5. Remove Fuel Tank Straps



To Remove the upper control arm it is necessary to lower, **but not fully remove** the gas tank. Ensuring that the gas tank is properly supported, remove the 2 bolts (one on each side) retaining the fuel tank straps using a T-50 torx bit. ***Exercise extreme caution to ensure that the gas tank is properly supported prior to removing tank straps!!***

### Step 6. Remove Rear Mount Bolts



Using an 18mm socket, remove the 2 bolts retaining the Upper Control Arm Mount to the body of the vehicle. Save the bolts for re-use.

### Step 7. Remove Control Arm Bolt



Using a 21mm socket, remove the Control Arm Bolt from the Axle Housing and remove the Control Arm and Mount from the vehicle. Save the flag-bolt and nut for re-use.

### Step 8. Remove Control Arm From Mount



Using a 21mm & 18mm socket, remove the stock control arm from the mount. Save the bolt and nut for re-use.

### Step 9. Lubricate Bushing Face



If installing a new Upper Control Arm: Using the provided assembly lube and brush, coat the bushing faces and the face of the control arm mount where the bushings make contact.

### Step 10. Install Control Arm In Mount



Using the factory nut and bolt, install the control arm onto the Upper Control Arm Mount, making sure that the pinion snubber is in the proper position. Torque the bolt to 100lb-ft. Use either of the 2 sets of mounting holes depending on your desired application.

### Step 11. Install Control Arm Assembly



Coat the 2 rear Control Arm Mount retaining bolts with the Supplied Threadlocker compound.  
nInstall the Upper Control Arm assembly in the vehicle. Install the 2 rear Control Arm Mount bolts. Torque the bolts to 115N-m (85lb-ft).

### Step 12. Install Axle Housing Bolt



Install the factory flag-bolt and nut on the rear (axle housing side) of the upper control arm. If the rear axle has shifted during installation, it may be necessary to use a floor jack under the pinion side of the differential to align the bolt holes.

**Important:** If the factory axle side rubber bushing is being used, do not fully tighten the rear control arm bolt at this time. In order to prevent binding the bolt must be torqued with the axle at ride height.

### Step 13. Install Mount Front Bolt



- A. Thoroughly coat the Mount front bolt with the supplied Threadlocker Compound.
- B. From inside the vehicle, install the factory Upper Control Arm Mount front bolt using an 18mm socket. Torque the bolt to 100lb-ft. Install the rear lower seat cushion at this time.

### Step 14. Install Gas Tank Straps

Using the factory bolts, install the gas tank straps making sure that the tank is in proper position and that all hoses and lines are clear of obstruction.

### Step 15. Torque Rear Control Arm Bolt.

Properly Support the vehicle on the rear axle so that it is at ride height. Torque the rear (axle housing side) control arm bolt to 100 lb-ft.

### Step 16. Inspect Installation

Fully inspect the installation ensuring that the suspension is free to travel and that all fasteners have been properly installed.

### Step 17. Lower vehicle

If pinion angle is to be adjusted (Adjustable Upper Control Arms Only), follow the instructions included with the Adjustable Upper.

If installation has been properly completed, lower the vehicle and perform a road test.

### 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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