



CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

2005-CURRENT MUSTANG REAR LOWER CONTROL ARM SET PART # CHE1K

Kit Contents:

- 2ea. Rear Lower Control Arms
- 1ea. Assembly Lube Vial
- 1ea. Applicator Brush

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

NOTE: Only remove one control arm at a time. Removing both control arms from the vehicle at the same time may cause damage to the vehicle and/or personal injury.

Step 1. Raise the Vehicle

1A. 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. Remove the wheels at this time.

1B. Tip: Place the jack stands slightly forward of the front control arm mounting bolt or on the mounting plate of the subframe connectors if you have them.

Step 2. Raise Rear Axle

Using a floor jack under the center section of the rear end, raise the rear axle of the vehicle until it is at ride height.

Step 3. Support Rear Axle

Place jack stands securely under the axle for support.

Step 4. Disconnect Parking Brake Cable



A. Making sure that the parking brake is not applied; disconnect the parking brake cable from the brake caliper by prying the pivot arm down and sliding the cable out of the pivot arm groove.



B. Remove the parking brake retainer clip that holds the cable in the caliper and slide the cable out through the control arm.

Step 5. Loosen Mounting Bolts



Working on one side of the vehicle at a time, loosen, but do not remove, the 2 control arm mounting bolts.

5a. Loosen rear mounting bolt



5b. Loosen front mounting bolt

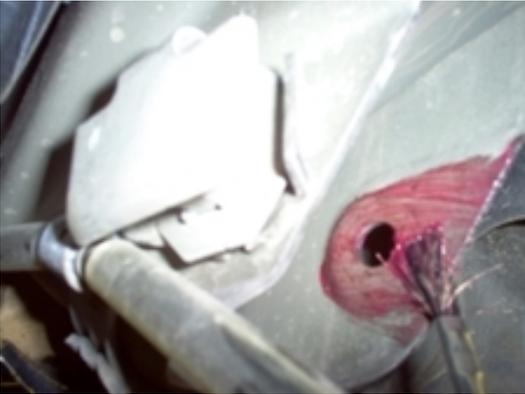
Step 6. Remove Mounting Bolts



6a. Remove rear mounting bolt allowing the control arms to swing free of the axle mount.

6b. Remove the front mounting bolt and remove the factory control arm from the vehicle.

Step 7. Clean & inspect mounting points



Fully inspect all mounting points and remove any debris. Apply a light coating of the supplied synthetic grease to all surfaces that will be in contact with the bushings. At this time, also coat the outside of the bushings themselves with the same supplied grease

7a. Clean, inspect, and Lube mounting points



7b. Lubricate Bushing Faces

Step 8. Install Control Arm



8a. With the parking brake cable retainer facing inboard and the CHE decal right side up, install the control arm in the forward mount. Install the bolt with the nut toward the inside of the vehicle, but do not tighten at this time.



8b. Install the control arm in the axle mount. Install the bolt with the nut toward the outside of the vehicle, but do not tighten at this time.

Tip: If the axle has moved during removal, it may be necessary to align the bolt hole by *carefully* maneuvering the axle into position.

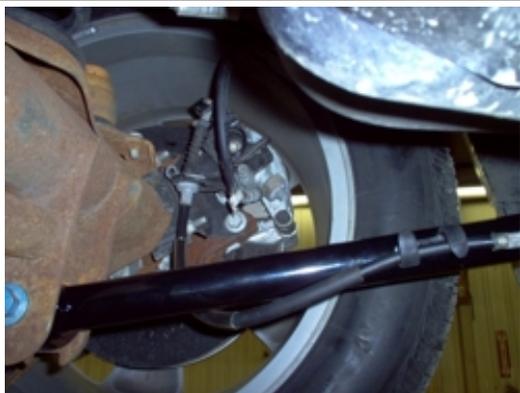
Step 9. Torque Fasteners

Torque the front and rear mounting bolts to 175Nm (129 lb-ft)

Step 10. Install Parking Brake Cable in Retainer

Remove the parking brake cable retainer screw from the control arm using a #3 Phillips screwdriver. Route the parking brake cable through the retainer, then re-attach the retainer to the control arm using the screw provided.

Step 11. Install Parking Brake Cable in Caliper



Thread the parking brake cable under the control arm and install the cable onto the parking brake pivot arm using the reverse procedure of removal. Re-install the parking brake retaining clip.

NOTE: if using Anti-Squat (ICM) brackets which relocate the control arm mounting point, thread the parking brake cable over the control arm.

Step 12. Install second control arm

Install the second control arm following the same procedure.

Step 13. Inspect Installation

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

Step 14. Lower vehicle

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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