



CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

REAR LOWER CONTROL ARM ANTI-SQUAT BRACKET SET PART # CHE1L

APPLICATIONS:

Mustang:2005-Current

Body Style:All

Engine:All

KIT CONTENTS:

2ea. Anti-Squat Brackets

2ea. M14 Locknuts

2ea. Crush Sleeves

6ea 14mm Washers

1ea. ½" Locknut

4ea M14x110mm Bolts

1ea. ½" x 1" Flange Bolt

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.

NOTE: Certain vehicles have cast iron axle dampener weights bolted to the inboard side of the control arm mounts which must be removed before installation.

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. Remove the wheels at this time.

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 Driver's Side Panhard Bar Bolt



On the Driver's side of the vehicle, loosen the panhard bar bolt. The bolt does not need to be completely removed, but it must be pulled out far enough that it is not protruding into the control arm mounting brackets on the axle. Retain the factory bolt and flag-nut for re-use.

Step 4. Remove Driver's Side Rear Control Arm Bolt



On the Driver's Side of the vehicle, remove the rear (axle side) lower control arm mounting bolt. If you have factory control arms, the front mounting bolt should be loosened but not fully removed. Swing the control arm out of the axle mount. Retain the factory flag-nut for re-use.

Step 5. Install Driver's Anti-Squat Bracket



On the Driver's Side of the vehicle, install the Anti-Squat Bracket on the control arm mount of the axle. Inspect the alignment of the Anti-Squat Bracket holes with the factory Control Arm mounting holes. Due to factory variance, it may be necessary to enlarge the hole on the Anti-Squat Bracket for proper alignment. Do not enlarge the factory holes.

Step 6. Install Spacer



Install the provided 14mm bolt, washers, and lock nut through the provided steel spacer in the factory control arm mounting hole. *Do not fully tighten the bolt at this time.*

Step 7. Install Panhard Bar Bolt



Install the panhard bolt, re-using the factory bolt and flag-nut. Tighten the bolt to 175Nm (129 lb-ft)

Step 8. Install Control Arm



Install the lower control arm into the Anti-Squat Bracket using the provided bolt and washer and the factory flag-nut. It may be necessary to raise or lower the floor jack placed under the pinion to achieve proper alignment. Torque both the control arm and the spacer bolts to 175Nm (129 lb-ft). Remember to tighten front Control Arm bolt if it was loosened.

Step 9. Remove Passenger Control Arm Bolt



On the Passenger's Side of the vehicle, remove the rear (axle side) lower control arm mounting bolt. If you have factory control arms, the front mounting bolt should be loosened but not fully removed. Swing the control arm out of the axle mount. Retain the factory flag-nut for re-use.

Step 10. Install Passenger Anti-Squat Bracket



On the Passenger's Side of the vehicle, install the Anti-Squat Bracket on the control arm mount of the axle. Inspect the alignment of the Anti-Squat Bracket holes with the factory Control Arm mounting holes. Due to factory variance, it may be necessary to enlarge the hole on the Anti-Squat Bracket for proper alignment. Do not enlarge the factory holes.

Step 11. Install Spacer



Install the provided 14mm bolt, washers, and lock nut through the provided steel spacer in the factory control arm mounting hole. *Do not fully tighten the bolt at this time.*

Step 12. Install Bolt



Install the provided 1/2" Flange bolt and lock nut in the slotted hole on the backside of the Anti-Squat Bracket. Torque fastener to 95lb-ft.

Step 13. Install Passenger Control Arm



Install the lower control arm into the Anti-Squat Bracket (Driver side shown in photo, Passenger side similar) using the provided bolt and washer and the factory flag-nut. It may be necessary to raise or lower the floor jack placed under the pinion to achieve proper alignment. Torque both the control arm and the spacer bolts to 175Nm (129 lb-ft). Remember to tighten front Control Arm bolt if it was loosened.

Step 14. Inspect Installation

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

Step 15. Lower vehicle

Lower the vehicle and perform a road test.

Questions, Comments, Suggestions?

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