



CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

2005-CURRENT MUSTANG AXLE BRACE WITH TA PERFORMANCE CAP SUPPORT COVER

(Also Fits Ford Racing, Moser, & MAC Covers)

PART # CHE9PTA

APPLICATIONS:

2005-2014 Ford Mustang GT w/8.8 Rear Differential
Body Style: All

KIT CONTENTS:

2ea Aluminum Spacers (0.4" Height)

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

Step 1. Remove Panhard Bar

Note: If Cap Support Cover is already installed in vehicle, skip to step 3.
Remove the Panhard Bar from the vehicle by removing the bolts retaining the bar to the body and the axle. It may be necessary to loosen the panhard bar brace bolt on the passenger side of the vehicle to aid in removing the bar from the vehicle.

Step 2. Remove Stock Differential Cover

With a suitable catch-container under the differential, remove the lower cover bolts and loosen the top bolts to drain the oil from the axle housing. Remove the cover from the vehicle.

Step 3. Install Cover Studs

Install the five 2-1/4” long studs (supplied with the CHE Axle Brace Installation Hardware) into the 5 bottom holes of the axle housing.

Step 4. Install Cap Support Cover

Install the Cap Support Cover following the manufacturer’s instructions using the hardware supplied with the Support Cover in the 5 top holes. The 5/16” flange nuts supplied with the axle brace hardware should be used on the lower 5 studs to temporarily hold the cover in place. The remaining (5) 5/16” flange nuts are not used with aftermarket differential covers.

The bearing cap load bolts should not be torqued at this time.

Do not fill the axle housing with oil until the axle brace installation has been completed.

Step 5. Install Axle Brace

Install the Axle Brace on the vehicle following steps 4 to 7 of the Axle Brace Installation instructions.

Step 6. Install Cover Flange

Remove the nuts from the lower 5 housing studs and install the cover flange (supplied with the axle brace) over the studs. It may be necessary to grind any high spots or cast-in lettering to allow the cover flange to sit tight to the Support cover. Re-install the flange nuts on the studs and torque all 10 cover nuts to 25 lb-ft.

Install the M12x30mm flange bolts (supplied with the Axle Brace hardware) through both the Cover Flange and the aluminum spacers (supplied with the Support Cover hardware) into the weld-nuts on the axle brace. Do not fully tighten the bolts at this time; they should only be tight enough to still allow slight final positioning of the axle brace.

Step 7. Complete Axle Brace Installation

Complete the installation of the Axle Brace following steps 9 to 11 of the Axle Brace Installation instructions.

Step 8. Complete Support Cover Installation

Follow the manufacturer’s instructions for setting the bearing cap load bolts. After the load bolts have been adjusted, fill the housing with the appropriate gear oil.

Step 9. Install Panhard Bar

Install the Panhard Bar (if removed) following the reverse procedure of removal, remembering to tighten the Panhard Bar Brace if it was loosened.

Step 10. Inspect Installation

Inspect the installation, ensuring that all fasteners are tight and that there is sufficient clearance around the Axle Brace. If the installation is appropriate, safely lower the vehicle and perform a road test.

Technical Support/Contact Information

Website: www.cheperformance.com