



CHE PERFORMANCE PRODUCTS INSTALLATION INSTRUCTIONS

FRONT DRIVESHAFT SAFETY LOOP PART # CHE11A/ CHE11H

APPLICATIONS:

2005-2010 Ford Mustang, 2005-Current GT500
Body Style:All

CHE11A: V8 All Transmissions, V6 Automatic, GT500
CHE11H: V6 Manual Transmission

KIT CONTENTS:

1ea: Tubular Driveshaft Loop 1ea: Crossbrace
2ea: ½"x1" Flange Head Bolts 8ea: 3/8" x ¾" Sheet Metal Bolts

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: Photos show installation on a V8 manual transmission vehicle utilizing the PowerHouse Automotive, LLC one piece aluminum driveshaft. Installation is typical of all engine and transmission combinations.

Step 1. Raise and Support the Vehicle

Raise the vehicle up as high as safely possible, and ensure that it is properly supported. It will simplify installation if both the front and rear of the vehicle is raised.

Step 2. Remove Heat Shield



Remove the rear exhaust heat shields (located on either side of the transmission tunnel next to the transmission yoke) from the vehicle by removing the 2 nuts retaining each heat shield. Save the heat shields and nuts for re-use later.

Step 3. Install Safety Loop Crossbrace



Install the Safety Loop Crossbrace on the vehicle. The large holes in the crossbrace should fit over the raised area surrounding the rearward heat shield stud. Additionally, the 2 notches in the crossbrace (CHE11A only) should be toward the front of the vehicle. On the V6 Manual loop, the crossbrace should be installed as shown in photo at left.



Tip: To ease installation, place large washers over the heat shield studs and install the heat shield nuts to hold the crossbrace in place.

Step 4. Drill Mounting Holes



Using a 5/16 drill bit, drill 8 holes for the Crossbrace mounting bolts. It may help keep the holes aligned if a bolt is installed (following the instructions in step 5) before the next hole is drilled.

Important: Use caution to insure that the drill bit does not go through the interior carpeting.

Step 5. Install Crossbrace Bolts



Install the 8 self tapping sheet metal bolts into the holes drilled in step 4. Torque the bolts to 20lb-ft. An impact wrench makes this task much easier, but care must be taken so that the bolts are not over-torqued.

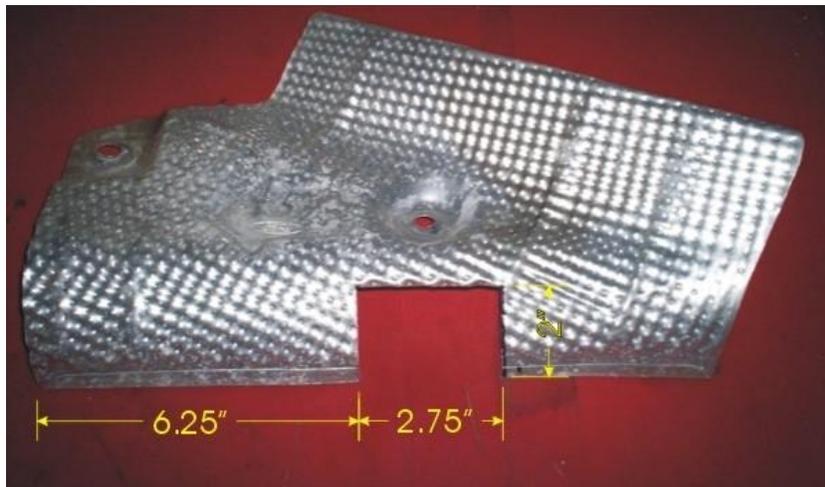
Step 6. Install Safety Loop



Install the Driveshaft Loop using the provided Flange Bolts. Torque the bolts to 45-50lb-ft.

Step 7. Trim Heat Shield

To provide clearance around the Driveshaft Safety Loop, it is necessary to trim the catalytic heat shields. On V8 cars and V6 Automatic transmission applications, cut a 2-3/4" long by 2" deep section from the heat shields, 6-1/4" from the front of the shield (note arrow on shield points to front). On V6 Manual transmission, it will be necessary to trace the crossbrace and trim the heat shield to fit. Trim both the driver and passenger side heat shields.



Step 8. Install Heat Shields



Install the heat shield in the factory location, re-using the factory nuts.

Step 9. Inspect Installation

Inspect the installation, ensuring that there is sufficient clearance around driveshaft through its entire range of motion. When installation is completed, lower vehicle and perform a road test to further check for interference.

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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