S197 MUSTANG
COMPETITION ENGINE TORQUE LIMITERS

Engine: ☐ V8 (Part No. CHE11F) ☐ V6 (Part No. CHE11G)

Hardware Kit Contents:

4ea Rod End Spacers	4ea Rod End Spacer Washers
2ea M10x45mm Bolts	2ea M10x90mm Bolts (V6 only)
2ea. M10x80mm Bolts (V8 only)	2ea. M10x100mm Bolts (V8 only)

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: These engine torque limiters are designed to work exclusively with the CHE Performance Products 4-Point K-member brace for the 2005-Current Ford Mustang and will not work with other brands of K-member braces or without the use of the CHE K-Member Brace. The K-member brace should be installed prior to installation of the torque limiters.

NOTE: Photos show installation on a V6 manual transmission vehicle. Installation is typical of all engine and transmission combinations.
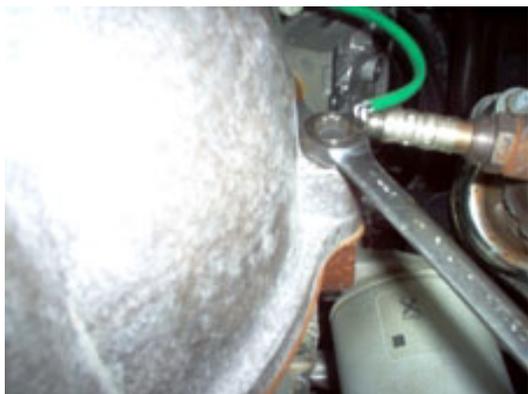
Step 1. Raise and Support Vehicle

Raise the front of the vehicle as high as safely possible and properly support the vehicle to allow access to the K-Member brace and bellhousing bolts of the transmission.

Step 2. Remove Bellhousing Bolts

A. Remove the bellhousing bolt located just above the starter housing using a 13mm wrench or socket. This bolt is located on the Driver's side on V6, and on the Passenger side on V8 models.

B. Remove the bellhousing bolt that is located directly opposite the bolt that you removed in step 2A.

Step 3. Select Proper Bellhousing Bolt

Because the bellhousing thickness varies between Automatic and Manual transmissions, it is important that the proper bellhousing bolt is used. Your kit includes the proper length bolts for both Automatic and Manual transmissions.

BELLHOUSING BOLT SELECTION CHART

(Note that bolt length is measured under the bolt head)

V6 Manual: 90mm (Approx 3-1/2 inches)

V8 Automatic: 100mm (Approx 4 inches)

V8 Manual: 80mm (Approx 3-1/8 inches)

Step 4. Install Limiter Link on Bellhousing

A. Install the rod end spacer and washer so that the washer is toward the bellhousing and the spacer is between the rod end and washer.

B. Install the limiter link onto the bellhousing using the proper length bolt as specified in chart above. Do not tighten the link jam nut at this time.

Step 5. Tighten Bellhousing Bolt

Torque the bellhousing bolt to 33 ft-lbs. Do not tighten the link jam nut at this time.

Step 6. Install Limiter Link on K-Member Brace

A. Remove the 10mm bolt retaining the K-member brace to the K-Member flange.

B. Adjust the length of the Limiter Link by turning the aluminum link while keeping the rod ends stationary. This will ensure that there is proper rod end thread engagement.

C. Install the limiter link to the K-member brace using the 45mm long bolt supplied with the limiter link Hardware and the spacer as shown in step 4A. Torque the bolt to 33 ft-lbs.

Step 7. Tighten Jam Nuts

Verify the Torque limiters for proper length. They should only be tight enough so that they are still free to rotate slightly. Tighten the Rod End jam nuts, remembering that one rod end is a left hand thread.

Step 8. Repeat For 2nd Link.

Repeat steps 4-7 to install the second Limiter.

Step 9. Inspect Installation

Inspect the installation to insure that there are no clearance issues and that all fasteners are properly tightened. If installation is properly completed, lower the vehicle.

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.

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