



STIFFFLERS

CHASSIS & SUSPENSION

660 Andico Road Suite A Plainfield, IN 46168 317-837-2444

Lower Chassis Brace 1996-2004 Mustangs (LCB-M01)

The lower chassis brace dramatically increases the strength and stiffness of the front chassis area and factory K-member, helping to maintain correct front suspension geometry while under load by minimizing flexing. This results in tighter steering response and more predictable handling under cornering and braking. Combine with our Spider Brace to completely integrate the front and rear chassis sections for unprecedented car control.

(Please read all instructions prior to beginning installation. Contact your dealer with any questions.)

Kit Includes:

- 1 Lower Chassis Brace
- 2 12x1.75x140mm Bolts
- 2 ½"-13 x 3.50 Bolts
- 1 ½"-13 x 1.25 Bolt
- 2 ½" USS Washers
- 2 ½"-13 Nyloc Nuts
- 4 12mm Spring Washers
- 1 Drill Fixture

Required Tools:

Basic hand tools
Drill and ¼" & 9/16" bit

Install Time:

Approximately 1 hr.

Installation:

1. Raise vehicle to allow access for installation. *[NOTE: It is recommended the vehicle's weight be supported by the suspension during installation. This can be accomplished by using a drive on style lift, ramps or raising the car and positioning jackstands under the suspension.]*
2. At rear mounting location of K-member, locate the four bolts (two per side) which secure the K-member to unibody, remove inner most bolt on each side. (Fig.1)
3. **[NOTE: CONVERTIBLES]** Remove bolts holding the factory braces to the K-member and pull down slightly or remove to allow clearance for installation.
4. Remove the factory brace tube which runs under the front of the transmission, this will not be reused.
5. Position lower chassis brace by first placing front mounting points on top-side of K-member. Align rear mounting points with threaded hole where bolt was removed in Step #2. Use supplied 12x1.75x140mm bolts and spring washers and fasten into place. Lightly snug bolts. (Fig.1)
6. With the larger hole on top, position drill fixture over front mounting point. From the top, insert supplied ½"-13 x 1.25" bolt through drill fixture and into the front mounting point (Fig.2). Apply light pressure down on bolt to confirm fixture is seated squarely. Mark location of small hole on bottom of drill fixture, repeat for other mounting point. Remove lower chassis brace, step drill marked locations with ¼" then a 9/16" bit. Discard drill fixture and ½"-13 x 1.25" bolt.
7. Reinstall brace as in Step# 5. Loosely fasten front mounting points by installing 1/2"-13 x 3.50" bolt with flat washer from bottom and securing with spring washer and Nyloc nut on top. **[NOTE: If convertible, reinstall parts removed in Step#3.]**
8. Torque all four mounting bolts to 45~50 ft-lbs.



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Fig. 1

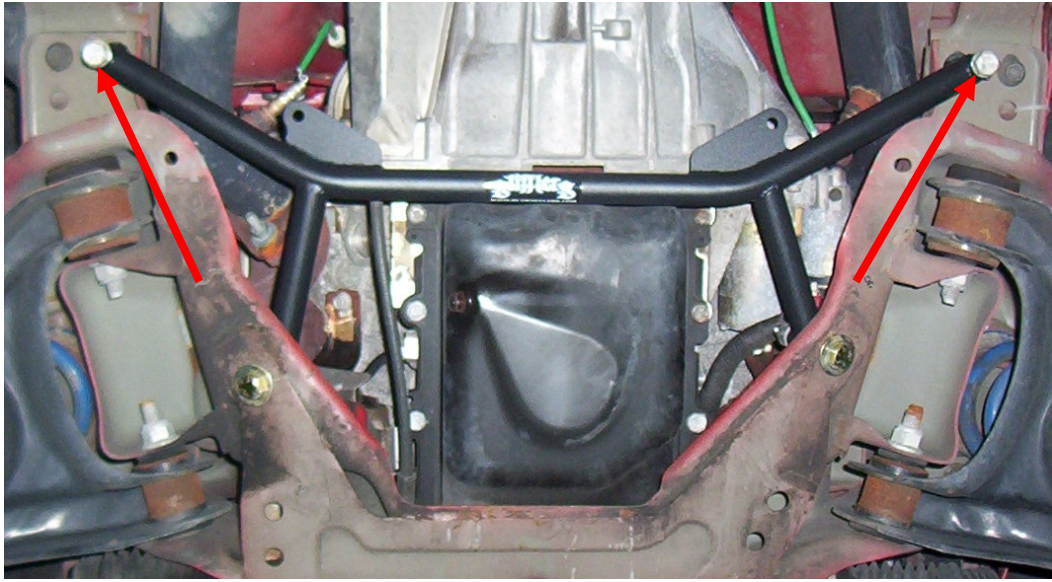


Fig. 2

