



# STIFFLERS

CHASSIS & SUSPENSION

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## Lower Chassis Brace 1979-1995 Mustangs (LCB-M02)

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.

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

### Kit Includes:

- 1 Lower Chassis Brace
- 2 12x1.75x110mm Bolts
- 2 1/2"-13 x 1.50 Bolts
- 2 1/2" USS Washers
- 2 1/2"-13 Nyloc Nuts
- 4 12mm Spring Washers
- 2 5/16-18x1.25 HCS
- 2 5/16-18 Nylon Nut
- 2 5/16 SAE Flat Washers

### Required Tools:

Basic hand tools  
Ruler & Marker  
Drill and 3/8" 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. Position lower chassis brace (LCB) by first placing front mounting points on top-side of K-member. *[NOTE: Remove all dirt and debris from top-side of K-member where front mounting tabs will sit prior to installing brace.]* Align rear mounting points with threaded hole where bolt was removed in Step #2. Use supplied 12x1.75x110mm bolts and spring

washers and fasten into place. Lightly snug bolts. (Fig.1)

5. In forward mounting holes install 1/2"-13 x 1.50" bolts with flat washers from bottom and secure with spring washers and Nyloc nuts on top (Fig.2) **[NOTE: If convertible, reinstall parts removed in Step#3.]**
6. Torque all four mounting bolts to 45~50 ft-lbs.
7. From center of forward mounting bolt, measure 3.75" along K-member and place a mark (Fig.2). Where mark and top of recess meet, drill 3/8" hole through both K-member and bracket on brace.
8. Install 5/16-18x1.25" bolts with flat washers from bottom and securing with Nyloc nuts on top. Tighten securely. *[NOTE: Side of washer may conform to radius on K-member when tightened.]*



LCB-M02

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Fig. 1



Fig. 2

