



## Lower Chassis Brace 1979-1993 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. 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 12x1.75x110mm 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.*]





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Fig. 1



Fig. 2

