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## Transmission Crossmember '82~'93 Mustangs & Other Fox Bodies (For T-45, T-56(all), TR-3650 & TH-400 Transmissions) (TCB-M02)

A direct fit for upgrading your Fox to a T-45, T-56(all), TR-3650 or TH-400\*\* transmission. This unique single tube design adds stiffness and strength far beyond that of the OEM versions while offering versatility like no other. Simply slide the mounting sleeves and reposition the spacers for your application. The crossmember is engineered to work with OEM and aftermarket transmission mounts; all while maintaining your current pinion angle. Low deflection polyurethane bushings are used in the mounts to dampen driveline vibrations and noise. For racing applications the polyurethane bushings can be replaced by optional solid bushings (*TCB-SOLIDKIT*).

\* **Magnum XL must use Ford OEM offset transmission mount (F6ZZ-6068-A)**

\*\* **TH-400 installs with GM style transmission mount and Stiffers mount adaptor TM-M02 (See Notes below)**

### Kit Includes:

- 1 Transmission Crossmember
- 2 3/8"-16x 5.5" Bolts
- 2 3/8"-16 Pinch Nuts
- 4 3/8" SAE Flat Washers
- 6 Nylon Spacers
- 2 Flat Spacers

**Required Tools:** Basic hand tools  
Floor jack  
Jackstands

**Install Time:** Approximately 1 hr.

### Installation:

1. Raise vehicle to allow access for installation; support with jackstands.
2. Support transmission with floor jack. Do not place jack on transmission pan or block access to crossmember mounts.
3. Remove fasteners securing transmission mount to crossmember.
4. Remove bolts connecting crossmember to body mounts.
5. Pull down passenger side of crossmember to clear body mounts and rotate to the rear until the driver's side mount is free. *[NOTE: It may be helpful to remove transmission mount for extra working room.]*
6. If removed in Step 5, re-install current transmission mount or replace with a suggested mount from below. *[See NOTE below if installing a Magnum XL or TH-400.]*

7. From Table1 below set the proper mounting arrangement of the sleeves for your vehicle by firmly pushing on end, do not use a hammer.
8. Place nylon mounting spacers on sleeves, position crossmember into place and loosely secure with hardware provided. **Mounting pad on crossmember goes to the REAR (Fig.1).**

*[NOTE: If stud style OEM trans. mount is used and a flat spacer is required, it must be installed on studs before crossmember is raised into place.]*

9. Per Table2 recommendations insert flat spacer(s) between mount and crossmember if required. Slightly raise transmission if more clearance is needed to input spacer(s). *[NOTE: See below if installing a T-56 Magnum XL]*
10. Loosely install transmission mount bolts.
11. Lower and remove jack supporting transmission. **Final tighten all fasteners.**
12. Remove jackstands and lower vehicle.



TCB-M02

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Fig. 1



Fig. 2



### Mounting Sleeve Location (Table1)

Transmission Type	Location
T-45, TR-3650	1 Narrow spacers Front 2 Wide spacer Rear
T-56 (All), TH-400	All spacers Front

(See Fig.2)

**NOTE: These are SUGGESTED settings, your install may be different. Arrange spacers so the transmission mount rest on the crossmember and the bolts can be installed.**

### Required Flat Spacers (Table2)

Transmission Mount Type	w/o Driveshaft Safety Loop	w/DSL
Stock Mount	1 spacer	No spacer
Polyurethane Mount	2 spacers	1 spacer

### Suggested Polyurethane Mount

(For ALL transmissions unless noted below)

-Energy Suspension - (4.1104)

or

-Latemodel Restoration Supply - (LRS-6068AU)

### NOTES:

-**Magnum XL** use offset mount (Ford: F6ZZ-6068-A) with **no extra spacer.**

-The **TH-400** requires additional spacing due to a shorter mounting pad height. Use *Stiffeners mount adaptor (TM-M02)* and Energy Suspension mount (3.1108) in addition to Table2 recommendations.



TH-400 Install