



1511 Hancel Parkway Mooresville, IN 46158 317-837-2444

# Transmission Crossmember '82~'93 Mustangs & Other Fox Bodies (For T-5, AOD, AODE, 4R70W, TKO, TKX, TR-3550 & C6 Transmissions) (TCB-M09)

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 to cover both automatic (AOD, AODE, 4R70W, C6) and manual (T-5, TR-3550 & TKO/TKX) applications. 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 with optional solid bushings.

### 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 TKO/TKX.]*

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 FRONT (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).
10. Loosely install transmission mount bolts.
11. Lower and remove jack supporting transmission. **Final tighten all fasteners.**
12. Remove jackstands and lower vehicle.





# STIFFFLERS

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Fig. 1



## Mounting Sleeve Location (Table1)

Transmission Type	Location
AODE, 4R70W	2 Wide spacers Front 1 Narrow spacer Rear
T-5	All spacers Rear
AOD, C6, TKO, TKX TR-3550	1 Wide + 1 Narrow spacer Front 1 Wide spacer Rear

(See Fig.1)

(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

Fig. 2



### NOTE:

TKO/ TKX require additional spacing due to a shorter mounting pad height. Use the optional **TKO Install Kit** (P/N: TCB-TKO) in addition to Table2 recommendations.

### Suggested Polyurethane Mount

(For ALL transmissions unless noted below)

-Energy Suspension - (4.1104)

or

-Latemodel Restoration Supply - (LRS-6068AU)

