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Transmission Crossmember '82~'93 Mustangs & Other Fox Bodies (For Use with C4, Power Glide & TH-350 Transmissions) (TCB-M04)

Here it is, a direct fit for upgrading your Fox to a C4, *Power Glide or *TH-350 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 to cover 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 vibrations and noise. For racing applications the polyurethane bushings can be replaced with optional solid bushings.

Power Glide solid mount available, Stiffeners P/N: TM-M01

*** Installs with Stiffeners mount adaptor and GM style transmission mount (See NOTE 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
- 4 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 (Fig.1) 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 PowerGlide or TH-350.]*
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 or Table3 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.



Fig. 1



Fig. 2



Fig. 3



Mounting Sleeve Location (Table1)

| Transmission Type | Location |
|---------------------|----------|
| C4 | Rear |
| Power Glide, TH-350 | Center |

(See Fig.2)

(See Fig.3)

Required Flat Spacers - Ford C4 (Table2)

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

Required Flat Spacers - PowerGlide/TH-350 (Table3)

| Transmission Mount Type | w/o Driveshaft Safety Loop | w/DSL |
|--------------------------------------|----------------------------|-----------|
| Polyurethane Mount | 2 spacers | 1 spacer |
| Stiffeners Solid Mount (P/N: TM-M01) | 1 spacer | No spacer |

Suggested Polyurethane Mounts

Ford Transmission

- Energy Suspension - (4.1104)
or
- Latemodel Restoration Supply - (LRS-6068AU)

GM Transmission

- Energy Suspension - (3.1108)

NOTE:

A **PowerGlide** or **TH-350** 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 Table3 recommendations.

