



STIFFLERS
CHASSIS & SUSPENSION

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

Transmission Crossmember Kit 1971-1973 Mustang (TCB-UK3)

Kit Includes:

(1) Transmission Crossmember (TCB-M71)	(2) 3/8"-16X4.25" HCS Gr.8
(1) Mounting Bracket Kit (TM-M09)	(2) 3/8"-16 Pinch Nuts
(4) Spacers, Black	(4) 3/8 Flat Washer SAE Gr.8

Required Tools:

Jack Stands
Floor Jack
Basic Hand Tools
Drill and 3/8" drill bit

Install Time: 1hr.

Pre-Install Note: **It's highly recommended to set the desired driveline angle prior to this installation.**

Suggested Transmission Mount:

- Polyurethane	Energy Suspension - P/N: 4.1136
- Rubber	Anchor - P/N: 2448 (Same as OEM)

Installation:

- 1) Raise vehicle to allow access for installation; support with jackstands.
- 2) Support the transmission with a floor jack, raise until the desired driveline angle is reached.
Note: If installing an automatic, do not support trans under oil pan.
- 3) Install transmission mount (see above) to transmission tail housing and tighten bolts.
- 4) Loosely attach mounting bracket to each end of crossmember as shown, DO NOT TIGHTEN. (Fig.1)
- 5) Attach crossmember assembly to transmission mount, position in the center of the slot, lightly snug bolts but DO NOT TIGHTEN. (Fig.2)
- 6) Position the mounting brackets against the subframe and clamp firmly into place. NOTE: The brackets will be angled slightly downward towards the rear, following the driveline angle. (Fig.3 & 4)
- 7) Remove bolts attaching crossmember to mounting brackets.
- 8) Remove bolts securing crossmember to transmission mount, being careful not to move mounting brackets.
- 9) Using brackets as a template, scribe location of the mounting holes on the subframe.
(Alternatively, brackets can be welded into place; if so, skip to Step#13)
- 10) Remove brackets. Use a center punch and mark center location of the mounting holes.
- 11) Drill 3/8" holes through both sides of the subframe.

NOTE: BE SURE TO DRILL HOLES STRAIGHT OR BACKING PLATE MAY NOT FIT.

- 12) Fasten brackets into place using supplied backing plate and hardware.
- 13) Re-install crossmember and tighten all bolts.
- 14) Remove floor jack and remeasure driveline angle to confirm it did not change; adjust if needed.
- 15) Remove jack stands and lower vehicle.



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Fig.1



Fig.2



Fig.3



Fig.4



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