1. Determine the correct location to mount the crossmember.
2. Measure the distance between the frame rail mounting points and the crossmember tube. Calculate how much of the crossmember must be trimmed. Divide this length by 2, and remove that much from each side of the main crossmember tube. Keep in mind that the end cap plates are 3/16" thick. This crossmember may be mounted to the inside or outside of the frame rails (See Figure B).
3. Install the end caps onto the crossmember and test fit, ensuring the crossmember is square with frame. (Re-trim center tube if necessary).
4. With the crossmember and end caps in position and square, precisely mark the position of the crossmember holes on the frame rails. Set the crossmember and end caps aside.
5. Drill the mounting holes in frame rails with a 13/32" (or Y) drill bit.
6. Install the transmission mount pad onto the transmission.
7. Apply a small amount of threadlocker* to the supplied 5/8" bolts, and fasten the crossmember with end caps to the frame rails using the nuts and lockwashers also supplied with the crossmember.
8. Connect the crossmember to the transmission by installing a hex bolt with threadlocker* through the crossmember flange and into the transmission pad.
9. For the most secure installation, it is recommended that the crossmember be tack welded to the end caps.
10. (optional) The unit can now be removed and a full weld bead run between the end caps and crossmember before applying paint or powder coating.

*If crossmember will be removed for finishing, do not apply threadlocker until final installation.

Design varies by part number.

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**UNIVERSAL TRANSMISSION CROSSMEMBERS**

**INSTALLATION INSTRUCTIONS**

**DESIGNED TO FIT IN “OPEN CHANNEL” FRAMES. MINIMUM MEASUREMENT BETWEEN RAILS IS 26”, MAXIMUM MEASUREMENT BETWEEN RAILS IS 36”.

**CROSSMEMBER WITH NUMBER PAD** | **CROSSMEMBER WITH POLYURETHANE PAD** | **CROSSMEMBER WITH RUBBER PAD** | **TRANSMISSION** | **CROSSMEMBER DROP DISTANCE**
---|---|---|---|---
4558 | 4548 | 4538 | TH350/TH400 | No Drop 3”
4559 | 4549 | 4539 | TH350/TH400 | No Drop 6”
9444 | 9474 | 9424 | TH350/TH400 | No Drop 3”
6538 | 6548 | 6558 | 700R4, 4L60E & T56 | No Drop 6”
6539 | 6549 | 6539 | 700R4, 4L60E & T56 | No Drop 3”
6544 | 6534 | 6524 | 700R4, 4L60E & T56 | No Drop 6”
6521 | 6522 | 4538 | FORD C4, C6 | No Drop 3”
6523 | 6525 | 4539 | FORD C4, C6 | No Drop 6”
6526 | 6527 | 9424 | FORD C4, C6 | No Drop 6”

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*If crossmember will be removed for finishing, do not apply threadlocker until final installation.