



Steering, Brake & Suspension Specialists

#CP90249 - Installation Instructions

For 1958-64 Chevy Full Size Adjustable 700-R4 Transmission Crossmember



Notes:

CPP recommends using a new transmission mount (#9425 for rubber; #CP-1108G for Poly Plus). Crossmember is designed to mount a GM 700-R4/4L60-E series transmission using a small-block Chevy engine (will not work with LS); factory transmission crossmember mounts must still be intact in original location.

Instructions:

1. For ample working space, if possible, safely remove the engine/trans from the vehicle; otherwise, safely secure the transmission (with jackstands or a tranny jack) in preparation for removal of the stock crossmember.



2. Unbolt and remove the factory stamped-steel transmission crossmember. (Figs A-B)
3. Attach the two adjustable side brackets with the flat adjuster tabs on the lower end, as shown. (They may be inverted for tailshaft elevation, but that may cause driveshaft interference in the center X-brace; check for clearance if this is necessary.) Leave semi-loose. (Fig C)
4. Install the tubular crossmember onto the adjustable side brackets (tabs on top, as shown). Leave semi-loose. (Fig D)

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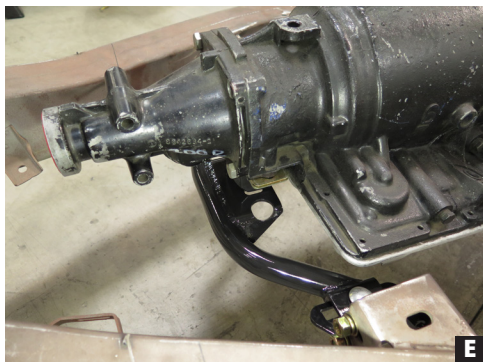


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(Continued)



E



F

5. Install transmission with new tailshaft mount. (Figs E-F)

6. Once transmission is centered, lock down crossmember carriage bolts followed by the adjustable side brackets. (Figs G-H)

7. Verify tailshaft/driveshaft alignment with X-brace; make adjustments (such as shimming mount) if necessary. (Fig I)



G



H



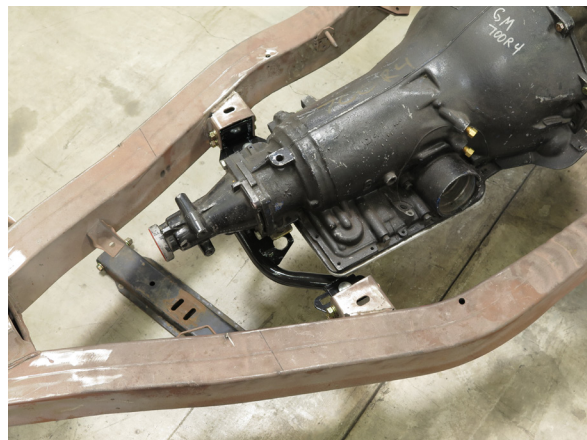
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PLEASE NOTE: The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.

GENERAL TORQUE SPECIFICATIONS:

1/4"	grade 5	10 lb/ft	1/4"	grade 8	14 lb/ft
5/16"	grade 5	19 lb/ft	5/16"	grade 8	29 lb/ft
3/8"	grade 5	33 lb/ft	3/8"	grade 8	47 lb/ft
7/16"	grade 5	54 lb/ft	7/16"	grade 8	78 lb/ft
1/2"	grade 5	78 lb/ft	1/2"	grade 8	119 lb/ft
9/16"	grade 5	114 lb/ft	9/16"	grade 8	169 lb/ft
5/8"	grade 5	154 lb/ft	5/8"	grade 8	230 lb/ft

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.



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Classic Performance Products, Inc. 714.522.2000 | fax 714.522.2500
378 E. Orangethorpe Ave. | Placentia, CA 92870 | www.classicperform.com

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