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C/E 5100 – Transmission Crossmember Kit

Parts List:

- | | |
|---|---------------------------------------|
| 1...4 Foot pc. 1-3/8" X .095 DOM Tubing | 1...3/4" X 1/2" X 2" Long Weld Sleeve |
| 4...Chassis Tab w/1/2" Hole | 1...Transmission Mounting Bracket |
| 2...1/2" X 3" fine GR5 Bolts | 2...1/2" Lock Nuts |
| 2...1/2" Jam Nuts | |

These instructions are just one way of properly installing Transmission Crossmember kits. Depending on your fabrication experience, you may find it easier or more convenient using other methods that accomplish the same results. Every installation is slightly different and we have attempted to structure these instructions to make your installation as easy as possible.

1...Bolt the transmission mounting bracket to the transmission using the factory bolts.

2...Bolt two of the mounting tabs to the end of the crossmember that has the sleeve welded in it. (Using the non-locking nuts supplied). Hold the crossmember between the frame rails with the chassis tabs against one frame rail and the crossmember tube lined up under the transmission mount. Mark and cut the other end of the crossmember so it will fit between the frame rails.

3...Sand the frame rails clean of any rust or under coating. Hold the crossmember in place against the transmission mount bracket and tack weld the two brackets in place on the frame rail.

4...Remove the crossmember from the tack welded tabs. Bolt the other two chassis mounting tabs to the crossmember. (Using the non-locking nuts supplied)

5...Slip the crossmember up into the two tabs previously tacked to the frame so that the two bolted tabs meet up with the other frame rail. Check alignment with the transmission. Once aligned with existing tabs and transmission mount bracket tack weld the two chassis tabs to the frame rail.

6...With the crossmember held in place, mark the other end of the crossmember in the center of the mounting holes.

7...Remove the crossmember from the car and drill a 3/4" hole at these marks.

8...Insert the mounting sleeve and weld in place.

9...Install the crossmember back into the car and tack weld the transmission mount bracket to the crossmember.

10...Remove the crossmember and do all final welding of transmission bracket and tabs. Install crossmember back into the car using the supplied lock nuts.