



INSTALLATION INSTRUCTIONS

P/N: C3117

BOLT-ON SUBFRAME CONNECTORS

1966-74 CHRYSLER "B" BODY

These Bolt-on Subframe Connectors were created to provide a solid connection between the front and rear frame rails on uni-body constructed vehicles. By design, they will eliminate the flexing which is common with these types of vehicles. If you desire, these components can be welded to the subframes to provide increased rigidity over the bolt-on installation. Competition Engineering Bolt-on Subframe Connectors do not relocate the leaf springs inboard. To accomplish this, we recommend our line of Weld-In Subframe Connectors.

PARTS LIST

- | | |
|---------------------|---------------------------|
| 2) Frame Connectors | 4) Spacer Tubes |
| 4) Spacer Plates | 8) 1/2"-20 x 3-1/2" Bolts |
| 8) 1/2"-20 Locknuts | 2) Back-up Tabs |

INSTALLATION

We recommend that you install the frame connectors one side at a time.

1. Jack up the vehicle and support it under the frame in four places. Let the rear housing/leaf spring assembly hang down. Make sure the floor jack remains under the rear axle housing.
2. The front of the frame connector bolts to the backside of the front subframe as shown in the illustration.
3. The rear of the connector slips over the front of the rear subframe just forward of the front leaf spring hanger.
4. Slip the connector into place and mark the holes to be drilled in the front and rear subframes using the frame connector flanges as templates.
5. Using a 17/32" drill bit (these can be purchased at most home supply stores) drill the holes in the front subframe.
6. Using a 3/4" drill bit, drill the required holes through the rear subframe.
7. Insert the supplied spacer tubes through the 3/4" holes made in the rear subframe. These tubes should fit tightly into the frame holes.
8. Place a spacer plate on both sides of the subframe. Insert the supplied 1/2"x3-1/2" bolts through the holes in the frame connector, sandwiching the spacer plates and tubes between the frame connector pocket. Install the lock nuts but do not tighten at this time.

*For Technical Assistance, call Competition Engineering's Tech Line at
(203) 458-0542, 8:30am-5:00pm Eastern Time*

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NOTE: It is recommended that the tubes be welded to the subframe for racing use.

9. Insert two of the remaining 1/2"-20 x 3-1/2" bolts through the holes in the front connector bracket and subframe.
10. Install the supplied back-up tabs over the bolts and install the locknuts.
11. Tighten all bolts to 75 ft/lbs.
12. Repeat procedure for the other side.

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