



INSTALLATION INSTRUCTIONS

P/N: C3115

1970-76 DODGE DUSTER, DEMON, DART BOLT-ON SUBFRAME CONNECTORS

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

- 1) Subframe Connector, Left
- 4) Crush Tubes
- 8) 1/2"-20 x 3-1/2" Bolts

- 1) Subframe Connector, Right
- 4) Support Plates
- 8) 1/2"-20 Locknuts

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 subframe connector bolts to the backside of the front subframe.
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. Using the connector end flanges as templates, mark the holes to be drilled in the front and rear subframes. Use a 17/32" drill bit for the front and a 3/4" drill bit for the rear holes.
5. Insert the supplied 3/4" o.d. crush tubes through the 3/4" holes drilled in the previous step. The tubes should fit tight inside the subframe. For racing use we recommend welding these tubes to the subframe.
6. Insert two of the 1/2" x 3-1/2" bolts through the holes in the rear connector bracket, crush tubes and subframe. Thread the locknuts onto the bolts, but do not tighten.

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

COMPETITION ENGINEERING

**80 Carter Drive • P.O. Box 1470 • Gullford, CT 06437
Phone: (203) 453-5200 • Fax: (203) 453-6906**

Visit Us At www.competitionengineering.com

7. Insert two 1/2"-20 x 3-1/2" bolts through the holes in the front connector flange bracket and subframe. Install the support tabs over the bolts and secure them in place with the supplied locknuts. Torque both front and rear 1/2" bolts to 75 ft-lbs.
8. Repeat procedure for opposite side.

We highly recommend welding these connectors in place when vehicle will be used for racing.

C3115INST
REV B
(121599)

