



INSTALLATION INSTRUCTIONS

P/N: C3450

PARACHUTE ANCHOR MOUNT

This kit is intended for use with the Competition Engineering Parachute Pack Mount Part No. C3451 but may be used with other similar kits. When installing a parachute on a race vehicle, we recommend that you refer to NHRA specifications. NHRA has several rules controlling the installation of the Chute Bag Location, Chute Anchor Cord mounting, and the Release Cable mounting and installation. When mounting the Chute Anchor assembly, attention must be paid to the location it is attached to the chassis. The position and height of the main anchor tube should be as close to the center of gravity height of the vehicle as possible. This is very important because when the Chute is deployed, and the force is applied to the vehicle, a Chute Anchor that is mounted too high or too low may upset the vehicle. If you are not sure, where the Chute Anchor assembly should be mounted, consult a professional chassis builder for installation. The Chute Main Anchor Tube must be mounted to a chassis crossmember, strong enough to handle the forces of the chute acting as a brake, to slow the car.

PARTS LIST

- | | |
|--------------------------------------|---------------------------------------|
| 1) Bracket, Chute Anchor | 1) Main Tube, Chute Anchor |
| 1) Aluminum Bushing, Chute Cord | 2) Support Tube, Chute Anchor |
| 1) 1/2-20 Thin Nylon Insert Lock Nut | 1) 1/2-20 x 2-1/2 HHCS GR5 Clear Zinc |

INSTALLATION

1. Do not mount the Main Tube to sheet metal. Typically, a crossmember is installed between the rear frame rails. The Main Anchor Tube should be welded to this crossmember. A hole may have to be drilled in the rear body panel for the tube to pass through. This is accomplished by first sliding the Main Anchor Tube into position and marking the Tube 4" away from the rear body panel. Then, cut the tube where marked, allowing enough distance between the body and the Chute Anchor Bracket for welding a Mounting Tube Weld Bung.
2. Tack weld the Main Tube to the chassis crossmember.

*For Technical Assistance, call Competition Engineering's Tech Line at
(203) 458-0542, (203) 458 0546 8:30am-5:00pm Eastern Time*

COMPETITION ENGINEERING
80 Carter Drive • Gullford, CT 06437
Phone: (203) 453-5200 • Fax: (203) 453-6906

3. Next, the Main Anchor Support Tubes must be trimmed and notched. These tubes will be welded from the Main Anchor Tube just inside of the rear body panel, to the intersection of the chassis cross member and the rear frame rail.
4. Trim one of the Support Tubes to fit and transfer the cut lines onto the other tube. Tack weld both Support Tubes in place.

NOTE: If a Chute Bag Mount is going to be attached to the Main Anchor Tube, the Mounting Tube Weld Bung location should be determined at this time.

5. Protect the body from welding sparks and heat. Ensure desired position of Parachute Pack Mount and finish weld all parts of Parachute Anchor Mount kit.

