



SIDE MOUNTED COMPETITION SEAT INSTALLATION

Side mounted FIA approved competition seats are tested and approved through extensive research and design. They are a safety critical item in any form of Motorsport and this safety can be compromised through incorrect installation in the vehicle.

Having invested in a Cobra FIA approved seat, a few moments of your time to read this information sheet will ensure that you gain the maximum benefit from your investment.

Installed in your seat mountings, you should receive the following items:

- 4 M8x25 12.9 tensile strength socket cap screws
- 4 M8 x 30mm OD zinc plated washers

All manufacturers use the same fixing dimensions on the side of the seats, as governed by the FIA at a distance of 290mm apart. Your Cobra seat contains a threaded insert to M8 (1.25) thread. This is a standard thread size but requires the use of the correct bolts.

When mounting the seat in the vehicle, always ensure that the mounts are securely fixed to the floor pan of the car, preferably using existing holes, or at least the cross members or original supports for the seats. Always ensure a minimum of 4 mounting points are used, preferably 6 or more. Use minimum M8 bolts with a tensile strength of 10.9 and always use a washer with an OD of at least 25mm to help spread the load, particularly if the side mounts have base slots.

The FIA dictates that you may use mounts constructed from minimum 3mm steel plate or 5mm aluminium. If you are not using Cobra Side Mounts then your seat may not be eligible for certain events since the seat is only FIA approved with the manufacturers mounts. If you are using a proprietary mount manufactured by another seat company, please consult with your race sanctioning body before installation. On most mounts, you will find that one of the sets of holes (to seats) is slotted to allow the various lengths encountered when adjusting the height and angle of the seat. The slots in the side mounts are designed to be used at the front, thereby placing the majority of the load from the seat on the back mounts, which are holes with less tolerance and therefore capable of higher loads.

When bolting the seat to the mounts, please use the bolts supplied and ensure that the washer is placed on the outside of the side mounts to spread the load from the bolt. Ensure that at least 6 turns are made after the bolt is first threaded and before the bolt tightens. Then use a torque wrench set at 45Nm to finally tighten the bolts.

These recommendations apply to Cobra Seats only. Cobra Seats Ltd accepts no responsibility for any loss or failure howsoever caused, in connection with the above products with Cobra Seats or any other manufacturer's products. User assumes all risk. If in any doubt, consult your race seat manufacturer or sanctioning body.

MOTORSPORT CAN BE DANGEROUS. ALWAYS RETURN YOUR SEAT FOR INSPECTION TO ITS MANUFACTURER AFTER ANY IMPACT OR ACCIDENT. A SEAT, BY ITS VERY NATURE MAY NOT LOOK DAMAGED, BUT ANY IMPACT OR STRESS MAY WEAKEN ITS PERFORMANCE. DO NOT COMPROMISE YOUR OWN SAFETY AND CONSULT YOUR RACE SANCTIONING BODY IF EVER YOU ARE IN ANY DOUBT.