

## R-1046

### 981 Cayman Harness Mount Installation Instructions

Note: Brey-Krause suggests that the installation of the R-1046 Cayman Harness Truss to be completed by a professional.

Note before installation: There are two possible ways to run harnesses to the R-1046. For cars that only want to run harnesses occasionally, we recommend removing the rear firewall carpet and bolting in the harnesses when desired. For cars that use harnesses more frequently, slits can be cut in the carpet to allow them to pass through.

Step 1: Remove the luggage bar on the rear shelf.

Step 2: Remove the corner molding (the piece the factory shoulder harnesses pass through). To do so, trim must be pulled outward on both sides. Use trim removal tool to release clips and hold released clips open. Work your way around the panel, until all clips are released, then remove panel. Remove the large center trim piece by pulling up. Lift edges using trim removal tool.



Step 3: Remove the large carpet section behind the seats (in front of the engine belt access panel). No further trim panel removal is required to accomplish this—you can bow the carpet inwards, towards the center of the car, to get it out from behind the outer trim panels, then remove it from the car.

Step 4: Remove the factory luggage securing straps from the large aluminum bar. Lift the rear trunk floor carpet, so that you have access to the back of the large aluminum bar.

Step 5: Insert the R-1046 main weldment around the large bar from behind. The side with two threaded mounts should go above the bar; the side with one threaded mount should go below the bar. On the passenger side, the child seat mount should be surrounded by the cutout in the underside of the R-1046 mounts.

Step 6: Place the alignment plate with the BK logo upright and facing forwards on the front of the bar. Loosely insert three included 5/16-18 bolts between the plate and weldment, and the factory luggage strap bolt between the plate and factory bar (in its original location). Once all 4 are loosely inserted, tighten.



Note: Passenger side uses left hole, driver side uses right hole.

Step 7: Insert included shoulder bolts from the top, with the included spacer and your bolt in harness mounting tab in the middle, and secure with the included nylock nut from below. Note: If you only intend to run your harnesses occasionally, the shoulder bolts are the only portion of the mount that need to be removed in order to remove

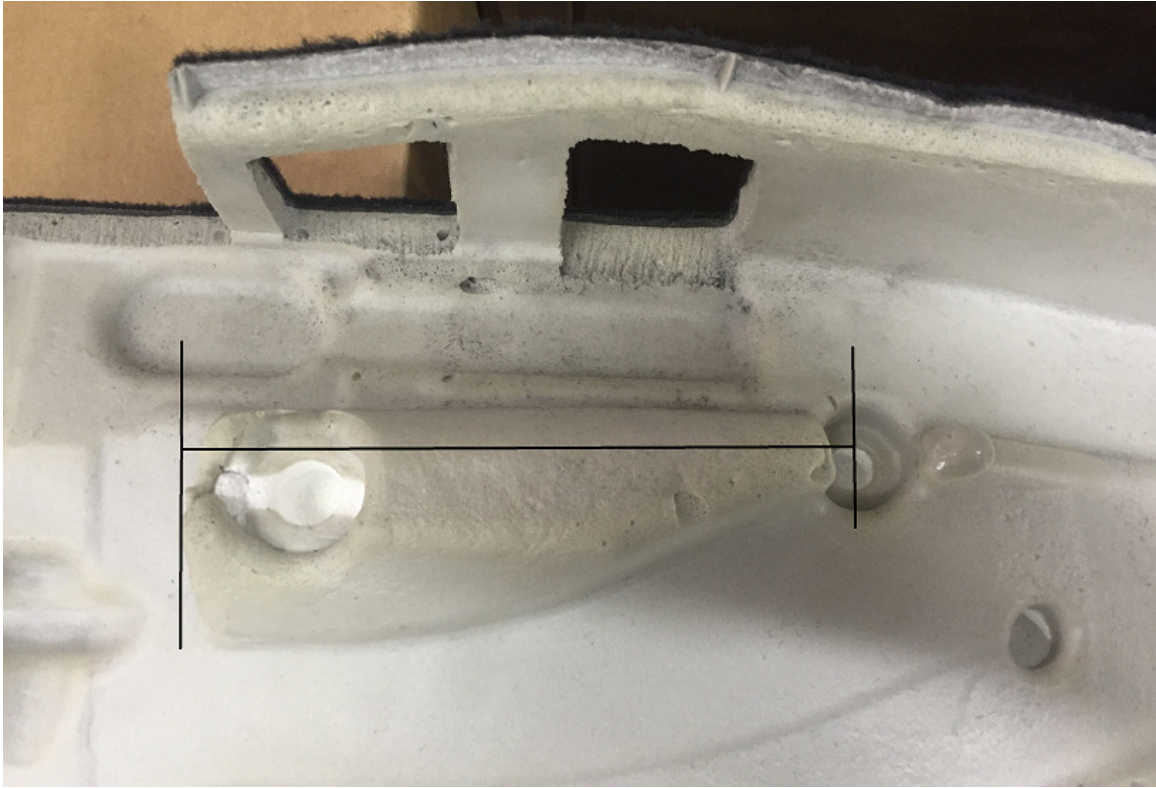
harnesses from the car.



Step 8: **OPTIONAL**: Trim carpet

Carpet trimming is only required if you wish to run the harnesses with the firewall covering carpet installed. That said, once done it is quite subtle.

If trimming, the goal is to cut a single, straight, sharp, horizontal line. From behind the carpet, you will see a triangle of foam that would be inserted under the bar (in the car). The line should be cut 1cm from the top of the foam triangle. On the outside, the end of the triangle is a good end point for your cut. On the inside, the center of the injection hole is a good inboard distance (but not target, as it's sometimes at the incorrect height). Only the horizontal line in the picture should be cut—the vertical lines are to show the distance of cut. Initial piercing should be done with a sharp tipped knife, after which a hand held hack saw blade (without handle) makes clean, controlled work of the carpet and foam. Additional cutting can be performed later (even with the carpet installed in the car), so be conservative with the amount cut. The optimal cut will not interfere with shoulder belt positioning at all, but will have no extra carpet cut beyond that. The exact amount of cutting required will vary by belt choice, seat choice, and seat position.



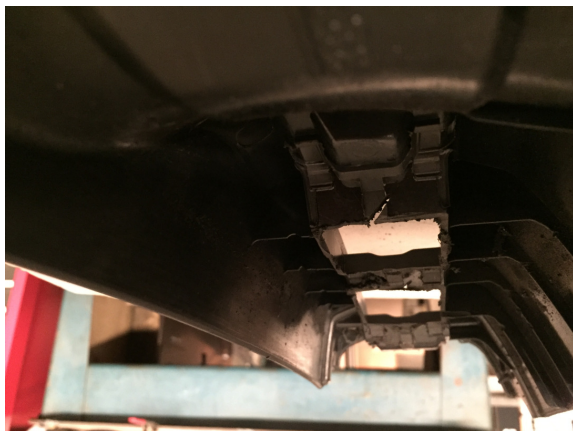
Pass shoulder belts through carpet and secure to shoulder bolts on R-1046.

Step 9: Reinstall carpet into car, bowing it in the middle initially to allow it to slip behind the outside trim pieces and passing shoulder belts through at this point.



Step 10: Install outside top trim pieces, securing all clips.

Step 11: Optional: If you wish to retain the top center trim piece, trim the mounting tabs on the outside that overlap with the R-1046.



Step 12: Reinstall central luggage bar.

Installation is now complete.

Performance driving events are by nature potentially hazardous to your health. Brey-Krause Mfg. Co. Inc. shall not be liable for injury, consequential, or other types of damages resulting from the use or misuse of our products. Proper installation of these parts is critical and should only be done by a professional shop.