



A DIVISION OF BICKNELL RACING PRODUCTS

CSC MAZDA MIATA ROLL BAR KIT INSTRUCTIONS



Congratulations on your purchase from CSC Racing (a division of Bicknell Racing Products). Before beginning the assembly of this vehicle, read and understand the following information. FAILURE TO READ AND UNDERSTAND THIS INFORMATION MAY LEAD TO AN OCCURRENCE OR MALFUNCTION WHICH WILL INCREASE THE RISK OF SERIOUS INJURY OR DEATH.

- * Use only fasteners supplied by Bicknell Racing Products or their exact equivalent, and use them in the manner and position detailed in these instructions and the parts list supplied with the manual.
- * Tighten all fasteners to recommended or industry standard torque specifications.
- * Replace any fastener which is damaged in any way or which may have been over-tightened
- * Where nylon lock or other lock nuts are used, replace the nut each time it is removed
- * Light-weight components may increase performance, but are more likely to fail under stress.

DO NOT USE ANY COMPONENT NOT APPROVED BY CSC OR BICKNELL RACING PRODUCTS IN THE ASSEMBLY AND OR OPERATION OF THIS RACE CAR

- * Adjustments to the suspension will affect the driver's ability to control the race car. Do not operate this race car with any suspension settings not recommended by Bicknell Racing Products unless qualified
- * **DO NOT OPERATE VEHICLE WITH ANY SAFETY GUARD REMOVED**
- * **DO NOT OPERATE MOTOR WITHOUT ADEQUATE VENTILATION. Running engines give off carbon monoxide. AN ODORLESS, COLOURLESS, POISON GAS. BREATHING CARBON MONOXIDE WILL CAUSE NAUSEA, FAINTING AND DEATH**
- * **FUELS USED IN MOTORSPORTS ARE EXTREMELY FLAMABLE AND EXPLOSIVE. FIRE OR EXPLOSION CAN CAUSE SEVERE BURNS OR DEATH.**
- * If your car is equipped with an emergency brake, ensure that it is on and in working order before starting to install your chassis. **ALWAYS USE CAUTION TO PREVENT INJURY CAUSED BY A ROLLING CAR**
- * Do not work under or near a car which is raised on a jack. **ALWAYS SUPPORT CAR WITH JACK STANDS OR WORK STANDS BEFORE WORKING NEAR OR UNDER IT.**
- * Tire mounting should only be performed by qualified personnel. Always tighten all fasteners to industry specified torque. **CAREFULLY INSPECT TIRES FOR DAMAGE AFTER ANY CAR TO CAR OR CAR TO BARRIER CONTACT. REPLACE DAMAGED TIRES BEFORE RESUMING OPERATION OF RACE CAR.**
- * Running engines produce heat. **CONTACT WITH HOT AREAS OF THE ENGINE AND EXHAUST SYSTEM CAN CAUSE BURNS ON CONTACT**
- * Replace any component which is damaged or worn before resuming operation of race car. **INSPECT ALL COMPONENTS ON RACE CAR AFTER ANY CAR TO CAR OR CAR TO BARRIER CONTACT.**
- * Read and understand all instructions supplied with components, parts or accessories not supplied by Bicknell Racing Products before installing them on this race car. In the event that any instruction conflicts with those contained in this manual, consult Bicknell Racing Products or a qualified expert **BEFORE OPERATING RACE CAR.**
- * **AUTO RACING IS A VERY DANGEROUS ACTIVITY WITH A HIGH RISK OF SERIOUS INJURY OR DEATH, WHICH CANNOT BE ELIMINATED. FAILURE TO OPERATE THIS RACE CAR IN CONFORMITY WITH THESE INSTRUCTIONS INCREASES THE RISK OF INJURY OR DEATH.**

There are no stupid questions, only the one never asked. If at any point during the installation of your cage you require assistance, please refer to the contact information at the back of this manual

Strip the interior and cut access holes for the rear braces to go through the parcel shelf down to the trunk floor.



Install the roll bar into the chassis.



Push the main hoop back until the floor plate is against the rear firewall. Then center the bar side to side. Once in place drill one hole in each floor plate at the bottom of the main hoop. Install one bolt into hole and tighten a washer and nut onto the underside of the chassis. Once secure repeat the process at the rear diagonal bars. This is where a 90 degree drill is of help because of the economy of space. Drill a pilot hole through the most accessible hole from inside the trunk area and then using a 7/16" bit, back drill through the pilot hole from under the chassis or through the wheel well. secure one bolt through each of the rear plates and tighten down with washer and nut. Once the bar has 1 bolt in each plate and you are satisfied that the bar is as far back as possible and centered, repeat the process of drilling all the other holes. Once the holes are all drilled through the chassis remove one bolt from one plate and install backing plate
reinstall all the hardware for that mount plate and tighten nuts onto bolts. Do not over tighten at this point- just snug.

Repeat process at the other three mount plates and when all the backing plates and all the hardware have been installed go back and tighten all hardware.



YOU MAY ALSO VIEW FULL INSTALLATION PICTURES AT THE LINK BELOW

<https://goo.gl/photos/Y2tiY78xzPki3TV66>

FOR FURTHER QUESTIONS PLEASE CALL

CHRIS B. OR BOB SLACK

905-685-4291

CHRISB@CSCRACING.COM