



For the Best of the Best in Racing

BUTLERBUILT® BEAD SEAT KIT DIRECTIONS

- Step 1** Clear / cover all sharp objects or edges in the cockpit using duct tape. Use small cardboard pieces to cover anything tape won't cover by itself. Stop the bead bag from wrapping around any gaps, holes, wires, and linkage. Cover or remove anything that might prevent the cured bead bag from being removed. *The object is to create a smooth surface within the cockpit tub.*
- Step 2** Empty the Creafoam beads into the vacuum bag. Mix resins "A" and "B" thoroughly in the bucket provided. *Do not mix resins until you are ready to fit the driver.*
- Step 3** Open vacuum seat bag and pour mixed resins into the bag.
- Step 4** Attach the vent tube with breather cloth to the very corner of the vacuum seat bag. Seal the top of the bag with provided sealer tape. *Make sure to seal around the vent tube to prevent air leaks.*
- Step 5** Knead (mix) Creafoam beads and resins together in the sealed bag. Make sure you notice the consistency of the beads starts to become "thick." Be sure you kneaded all "clumps" of resins in the bag. *This process takes approximately 10 minutes.*
- Step 6** Once beads are well-coated with resin, lay out the vacuum seat bag on the shop floor. *TIP: Placing a packing blanket on the floor first will eliminate dirt build up.* Spread beads evenly throughout the middle of the bag. Even out the beads to have equal number of beads from side to side and top to bottom. *TIP: Have the driver sit on the bag while it is on the floor. The driver needs to be centered from side to side. However, the bottom of the bag should not extend past the center of his calves. Have the driver evenly disperse beads from side to side. The driver may also want to lie down to help disperse beads evenly across his back.* Once you are certain the beads have been distributed evenly, the driver may get up.
- Step 7** Attach vacuum source while the bag is still on the floor. Apply enough vacuum pressure to make the bag firm enough to be picked up and placed into the cockpit tub. *Approximately 3 lbs. of vacuum.*
- Step 8** Keep the seat bag under vacuum. Pick up the vacuum seat bag and place it into cockpit of car. Be careful to not snag or catch the vacuum bag on any obstacles. Place the one end of the vacuum bag just past the bulkhead of the car. For reference, the bottom end of the bag should extend beyond the driver's knees.

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- Step 9** Disperse the beads evenly throughout the tub area before the driver gets into the car. Push aside as many beads from the “floor” area of the tub as possible.
- Step 10** Have the driver enter the cockpit carefully. Position him/her directly over the top of where he/she will sit. Have the driver sit down.
REMOVE THE VACUUM.
- Step 11** Have the driver slowly grind while sitting from left to right and front to back to disperse the beads out around the driver, thus allowing for optimal positioning. Make sure to leave enough beads behind driver.
TIP: Work out the extra beads until there is approximately 1 inch of beads at the thinnest point behind the drivers’ spine. You may leave a thicker back to the seat behind the driver’s spine but make certain the seat back is not thinner than 1 inch.
- Step 12** START THE VACUUM AGAIN. Smooth out any wrinkles from bag while at the same time moving any dispersed beads evenly along the lateral areas of the body (leg, torso and rib area). Excess beads may collect under the driver’s arms. This is normal and will be trimmed away after the seat has cured.
TIP: If too much vacuum occurs the bag will be come too tight and not allow for movement of beads. To offset this, make a pinhole in the bag approximately 1/16 inch in diameter. Mark this hole with a sharpie so that you can reseal if needed.
- Step 13** Make sure your driver is in position and comfortable. Have the driver maintain that same position in the car for no less than 35 minutes.
TIP: The longer the driver sits in the car the faster the seat will gel.
- Step 14** After 35 minutes, help your driver carefully exit the seat. Be careful not to step or lean on the seat. If the driver snags the bottom of the bag while exiting, use your hand to form the beads back to shape. At this time, you may smooth any large wrinkles from under the driver. DO NOT REMOVE THE VACUUM.
- Step 15** Allow the seat to cure UNDER VACUUM for approximately 3 hours. Warmer temperatures speed up the curing time.
- Step 16** REMOVE THE VACUUM. For seat to fully cure allow 6 – 7 hours.
- Step 17** Once your seat has cured, cut the excess material away from shift linkage and any areas that might obstruct drivers’ movement while driving the car. Depending on the shape of your cockpit tub, you may need to cut your seat into multiple pieces in order to remove it from the car. Once seat has been removed from car, you may cut or drill holes for seatbelts and sand or trim any additional areas for desired fit.
TIP: BUTLERBUILT recommends that you cover the seat with gaffer’s tape and a CarbonX covering.

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