



#TechTipTuesday

Body Mounting

Much like the seat, bodywork can also affect the performance of your chassis. Properly mounting the body is important to achieving maximum performance from your kart. In addition, it is highly recommend that only authentic Phantom bodywork is used. PRC karts are designed exclusively with Phantom bodywork.

TIP: Before mounting your body, be sure that both the toe and camber settings are close to what you expect to use!

1. Mount a set of tires on the kart that are relative to the sizes you are expecting to run. Specific staggers, compounds, and air pressures are not critical at this time; you simply need something to line the body to.
2. Put the kart on a flat surface and place the nose piece over the front bumper. Place a spacer under the bottom of the nose to bring the nose up level with the bottom of the kart (A 2"x4" works well).
3. Position the nose so it is centered over the wheels and so the wheel-wells are centered with the tires. Mark, drill and mount the nose to the front bumper.
4. Position the side panels to fit the nerf bars and align with the nose. Be sure to check that nerf bar widths are within technical requirements. These requirements can be found in your sanctioning body's tech manual.
5. Fasten the sides to the nose with one single bolt (close to the edge of the wheel-well, this allows the side panel to pivot), and then to the nerf bars (be sure to follow this order). *TIP: We normally use a 1-1/8" spacer between the flat surface and the bottom of the side panel for ground clearance.*

Once the side panels are fastened to the nerf bars, you can then install another bolt (or two) for support. Two to three fasteners between the nose and the side panels on each side is sufficient. Using too many fasteners will restrict chassis flex.

6. Take time to go back over the complete body and do any trimming or sanding to make your job complete. Also, take time to check behind yourself to make sure all fasteners are secure and free of potential safety problems (i.e. bolts getting into tires). Use your best discretion with any safety concerns because the final decision is yours.