

DOGWOOD RACING ZX14 FUEL CELL

- External pump cells - Install the seat support using the supplied 6mm fasteners. Beginning with the 4 front mounting bolts, then the two mid and rear mounting bolts start all fasteners loosely. Once they all have turned a few threads then you can tighten them all down. Install the fuel cell. The red caps on the AN fittings are used to protect the sealing surface of the fitting. Do not remove them until you are ready to install the hose ends.
- Internal pump cells – Install your pump and Oring into the fuel cell. The pump housing can be clocked to 9 or 11 o'clock (2 qt cells attach at 11 o'clock) and attach the fuel cell to the shell support. Fasten the support to your chassis with the supplied 6mm fasteners beginning with the 4 front mounting bolts, then the two mid and rear mounting bolts start all fasteners loosely. Once they all have turned a few threads then you can tighten them all down.
- Before installing the ¼ turn springs with the supplied pop rivets, place your bodywork into position, mark and drill the mounting holes. With the fiberglass marked from the inside, drill a 1/8" pilot hole. Then from the outside use a step bit to drill the mounting hole to the proper size. If you chose to have Dogwood fit your body, all the fasteners will have been dialed in to fit correctly for you. If you are fitting the body yourself you may find some fasteners to be loose or tight upon initial installation. In this case, I prefer to stretch (or use washers under the coils) or squeeze the spring to get correct fit. This way all fasteners are the same length and interchangeable.
- The vent is built into the filler cap with a one way valve. The vent is designed to close off fuel supply when the cap is tilted greater than 90 degrees. This is not designed to be a 100% leak proof cap if the bike tips, it is designed to slow the leakage until the ball has been able to close off the vent. Pick your bike up as soon as possible on a tip over and check for spilled fuel before attempting to start.
- Always check for leaks in your fuel system while priming your pump for the first time, as well as when the bike is started the first time and periodically throughout the year.