

Bulkhead Fitting Installation



Following are important notes on installing a bulkhead fitting.

- The area to be drilled must be accessible on the **INSIDE** of the tank. You need to get a wrench or socket inside to hold the fitting while tightening.
- The exterior of the area to be drilled must be able to accommodate the hose fittings and allow for routing of the hose to the rear of the bike.
- Hose routing must avoid high temperature areas such as exhaust headers and cylinder heads,
- The area to be drilled must be flat over an area at least 1" in diameter. This is required to provide a seal with the O-ring.
- The bulkhead fitting requires a 3/4" hole.
 - If drilling a metal tank, use a step drill.
 - If drilling a plastic tank, use a spade drill.
- Debur all holes and clean all debris from the tank.

Notes for Plastic Tanks

Many plastic tanks now have a coated lining. To prevent fuel from getting between this lining and the outer tank the bulkhead fitting **MUST BE INSTALLED** with the O-ring **ON** the interior of the tank!

Elbow hose barb fittings cannot be installed before the bulkhead fitting nut is in place. Do not close up your access to the interior of the tank until you have installed the hose fitting and tightened the bulkhead fitting.

Notes for Metal Tanks

Whether to install the fitting with the O-ring on the outside or the inside is a personal preference. We usually install the fitting with the O-ring on the exterior of the tank to allow the fitting to be held while tightening the hose fittings.

If you have installed the fitting with the O-ring inside then the following applies.

Elbow hose barb fittings cannot be installed before the bulkhead fitting nut is in place. Do not close up your access to the interior of the tank until you have installed the hose fitting and tightened the bulkhead fitting.

