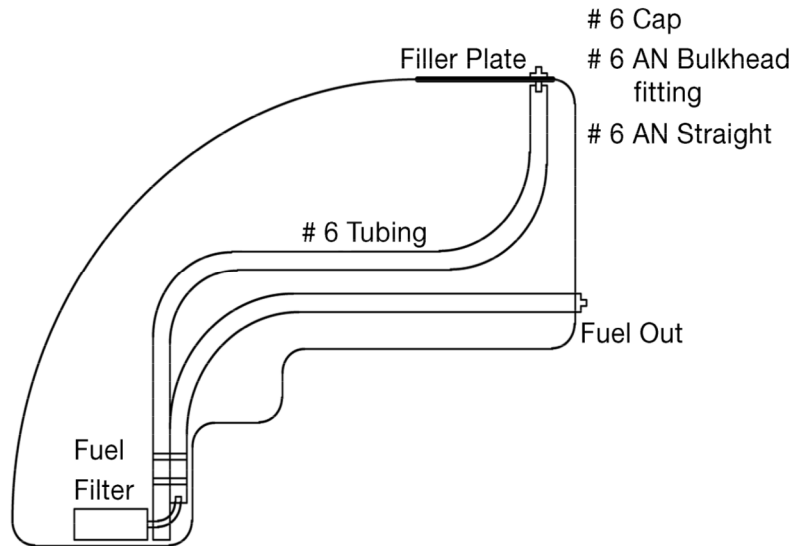


**Safety First USA, Inc.**

## ***Xtreme Fuel Stick***



**Know what Fuel is onboard! Save Weight and NOT run out of FUEL**

***Xtreme Fuel Stick*** will measure the fuel in your tank and display up to 99.9 gal.

***Xtreme Fuel Stick*** will measure a depth of up to 30 inches of alcohol.

***Xtreme Fuel Stick*** can be trained to the shape of any two different fuel tanks.

***Xtreme Fuel Stick*** will measure and display the fuel used in your heat and feature races.

# *Xtreme Fuel Stick Operation*

## **How does this Electronic Digital Fuel stick work?**

Before you can get accurate repeatable readings you need to know a little about what makes this Fuel stick work so accurately. We read the air pressure created when you insert the measuring tube to the bottom of your tank. It is very important that the end of the measuring tube is in contact with the bottom of your tank each and every time you attempt to measure your fuel level.

**What is the measuring tube?** This can be any tube you choose to use. It can be steel, aluminum, or some type of plastic. We have suggested you use a soft, flexible Nylon .250" tube. We have tried to use an aluminum tube bent to follow the contour of the tank, but getting this tube into the same spot consistently has been a problem. We now suggest you use a soft nylon .250" diameter tube of sufficient length to reach the bottom of your tank.

**How do I get the measuring tube in a good spot each and every time I use my Xtreme Fuel Stick?** We suggest you install into your fuel filler plate a #6 AN bulkhead fitting, Cap, and Tubing routed to your fuel filter or fuel pickup and strapped to secure it at that location.

**How do I take a reading of the fuel level in my tank?** Before you can use the *Xtreme Fuel Stick* it has to know the characteristics of your special tank.

**How do I train my Xtreme Fuel Stick to my Tank?** Insert your .250" Nylon tube through the #6 bulkhead fitting until it touches the bottom of your fuel tank. Cut it off exactly  $\frac{3}{4}$ " above the filler plate. Then remove the measuring tube and cut a small angle on the end of the tube that was touching the bottom of the tank. Now insert the other end into the *Xtreme Fuel Stick* and insert the measuring tube into your empty fuel tank. With the tank Empty (NO FUEL) push the TANK A and USED Button at the same time. Your *Xtreme Fuel Stick* will start blinking zeros and then change to a blinking (1), Pour into the tank one gallon of fuel. Your *Xtreme Fuel Stick* will then flash (2) after a waiting time of 40 seconds repeat this procedure until the tank is full of fuel. Do not pour the fuel into the tank before the display has changed to the appropriate numbers of gallons. When your tank is as full as you want push and hold the Tank A and the Tank B buttons at the same time. The display will display CAL meaning it has recorded the data points you have established. Now your *Xtreme Fuel Stick* is ready to keep you informed of your fuel capacity and how much fuel you have used.

**How do I use my Xtreme Fuel Stick?** At any time you want to know how much fuel is in your tank insert the measuring tube and push Tank A or Tank B, because your *Xtreme Fuel Stick* can be characterized for two different tanks. Wait approximately two seconds and your *Xtreme Fuel Stick* will display the fuel level.

**How do I tell how much fuel has been used?** After you come in from a race and want to know how much fuel you used: insert your measuring tube and push FUEL USED, wait two seconds and your fuel usage will be displayed from the last reading of Tank A or B.