



# **FuelCel**

Light weight composite fuel tanks

## **Ducati RS 748/916/996**

### Installation instructions

4.15 pounds = 4.35 pounds lighter

1.88 kg = 1.97 kg lighter

RS is 21 liters or 4.88 gallons

RS Corse is 21.0 liters or 5.54 gal.

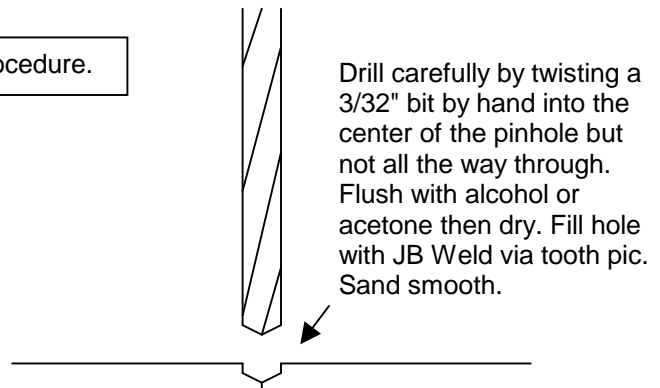
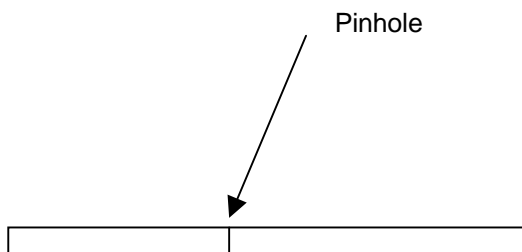
### **Factory Ducati RS 2000-2002 styling, while retaining your 916 pump body.**

1. All though every precaution is taken in the manufacture of your new FuelCel, in house testing procedures unfortunately cannot reproduce the dynamic conditions of the installation on the motorcycle. Under certain conditions of vibration, heat and gasoline, a minute pinhole can develop in rare cases that escape our detection. We are more than willing to repair a leak that might develop so long as the following procedure is done first.
2. Install all necessary plumbing and hardware for the mounting, install on the bike then fuel it to capacity and run at least half of it through by running the engine, **BEFORE PAINTING** the tank.
3. Field repair procedure as performed by the factory is outline below for latent pinhole migration. (Extremely rare)
4. **FuelCel repairs** can be made in certain instances if you damage your Fuelcel. Generally if 30% of the exterior surface is damaged it will be considered totaled.

#### **INSTALLATION INSTRUCTIONS**

- **Do not paint** the inside diameter where the Fuel Pump O-ring seats. Apply a thin film of grease to it prior to installing the pump body and be patient giving time for the o-ring to conform. **BE SURE NOT TO SCRATCH O-RING SURFACE WHEN INSTALLING PUMP!**
- Nuts replace the stock step bolts.
- Be careful installing fasteners and do not over torque the Fuel Pump & Front Mount fasteners.
- Use the stock rubber grommet for the rear mount.
- Cap off the stock water drain and vent port on the pump body using a loop of fuel hose or fuel spillage will occur.
- Be sure that the tank is not being rubbed at any point by frame or other hard surface, puncture from abrasion can occur in a short amount of time.
- Replace the front two airbox bumper/fasteners with the mount spools provided. Leave nuts on front tank mounts only snug until first fitting. Then tighten the nuts appropriately once alignment has been achieved.
- **WARNING; Composites are not "malleable" like metal, since weight reduction is the main goal of the FuelCel design, rupture of the tank can occur instead of denting.**
- **This Fuel tank is sold without Warranty expressed or implied by the manufacturer and its final suitability for use is determined by the operator of the motorcycle on which it is installed. 1/1/99**

Self repair instructions for latent pinhole/s, Factory procedure.



Drill carefully by twisting a 3/32" bit by hand into the center of the pinhole but not all the way through. Flush with alcohol or acetone then dry. Fill hole with JB Weld via tooth pic. Sand smooth.