

EXTERNAL SHELL WATER DETECTOR FITTING OPERATION



On the Aljac Closed Sampler the External Shell Water Detector (SWD) Fitting is fitted to the inlet port on the right hand side of the jar. Our standard External SWD Fitting part number 6007233212 can be used. On some competitors Closed Samplers there is a second 3/8" BSPT tapping on the left hand side of the jar to accommodate the External SWD Fitting. Please specify this because it requires a special adapter to fit the External SWD Fitting to this tapping on the left hand side of the jar. The angle of the SWD Fitting can be set to the operators preference for ease of operation.

The method of operation is the same for either arrangement. The SWD capsule is fitted on to the end of the syringe as usual and the syringe/capsule is pushed into the External SWD Fitting, the action of doing this opens an internal valve which allows fuel to pass to the capsule. The lug of the syringe must be located in the groove.



The syringe/capsule is now retained in the External SWD Fitting and the plunger of the syringe is withdrawn to pull the sample of fuel through the capsule, this is a one handed operation. When the operation is complete the syringe can be lifted away from the groove and withdrawn from the External SWD Fitting. The internal valve will close automatically to shut off the fuel flow.