

FUEL SWIRL POT INSTALLATION GUIDE

What is a Fuel Swirl Pot?

A fuel swirl pot is a must for any serious race car running fuel injected engines. The function of a swirl pot acts as a fuel reservoir to provide a constant supply of fuel to the engine under harsh conditions and brake forces, thus minimising the risk of fuel pump or engine failure due to fuel starvation. It is installed in between the fuel tank and the engine and is connected through 2 fuel pumps, the first usually being a low pressure pump (can be a high pressure pump) from the fuel tank to the pot before using a high pressure pump from the swirl pot to the fuel rail.

With the obp Fuel Swirl pots, you will notice the inlets being positioned to the side of the tank rather than the middle - this helps create a swirling motion inside the tank. This helps cool the fuel down before being guided to the bottom of the tank with hot fuel staying at the top.

What is the difference between a Fuel Swirl Pot & a Fuel Surge Tank?

The difference between the Swirl pot and a Surge tank is based on where the fuel pumps are mounted. For example, a Fuel Swirl Pot works by using externally based in line fuel pumps whereas the Fuel Surge Tank works through internally based submerged fuel pumps with the benefit of pumping the fuel from source.

Different options to choose from!

With obp's extensive range, there is always an option available to suit your requirements.

Our tanks vary from:

- 1 to 2 Litres
- Base Mounted or Bulkhead Mounted
- Standard Raw Silver Finish or 'Dark Matter' Black Finish
- AN / JIC Fittings or Barbed Ribbed Fittings

