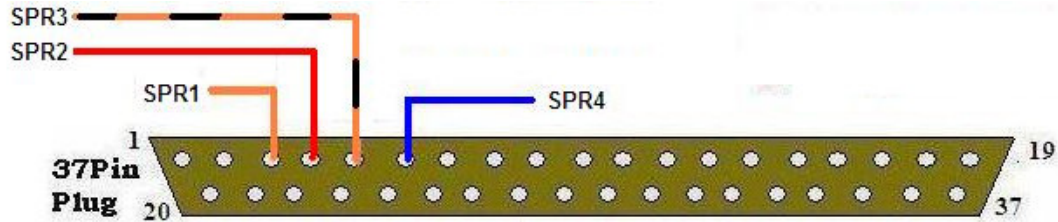
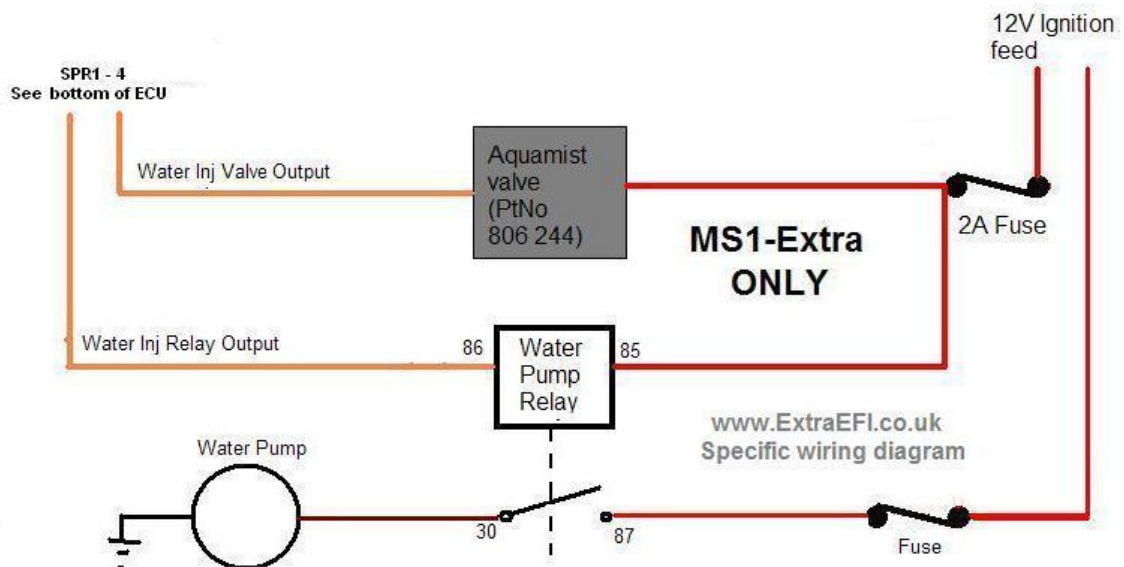




## Water Injection



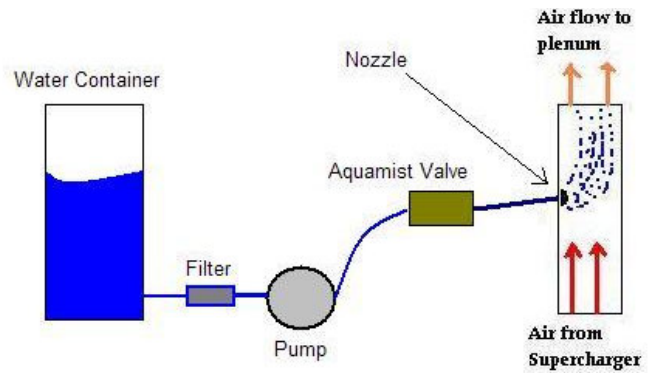
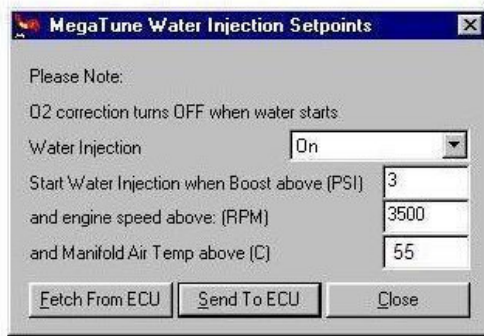
Please Note: Whilst the water Injection pump is on the O2 sensor is ignored (open loop) as the water will upset the reading from the O2 sensor.



When the manifold boost level (detected by the MAP sensor) and engine RPM are above the set values in Megatune and the Manifold Air Temperature is above the set value, the Water Pump is turned on and the Water Valve is pulsed at the same rate as injector CH #2.

The theory being that if a water nozzle is selected to give a 15% flow rate of the total of the injectors flow rate then it follows that it should naturally give the right amount of water. So if your total injector flow is 2000cc/min (all of your injector flow rates added together) then a 300cc/min nozzle would give you 15% water to fuel ratio, which is a good starting point. *i.e. 15% of 2000cc of fuel = 300cc of water.*

The Manifold Air Temp is ignored once the water has turned on as this should reduce virtually straight away with the water evaporating in the air. The water system doesn't turn off again until boost pressure or RPM has dropped below the set levels.



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