

ECF WP 1978 / WPK-197801 WITHOUT SOLENOID

This water pump features an Airtex patented system mounted inside the pump to control the coolant flow, which improves the performance of any similar water pump on the market (OE or AM).

It is driven by an electro-hydraulic system, causing the water pump to regulate the flow of coolant it sends to the engine, depending on the engine's requirements.

At start-up, we do not need to cool the engine because it is cold and what we need is for it to reach its working temperature as soon as possible. Therefore, when we start the engine, our Airtex water pump with our patented system does not send coolant to the engine until it reaches about 60°. When the engine temperature reaches 60°, the electro-hydraulic system sends a signal to the pump, which unlocks and sends the full flow of fluid into the block.

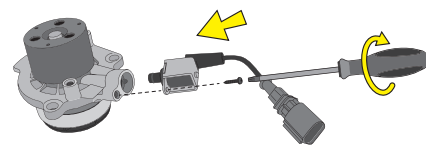


What do we achieve with our system?

Basically this water pump only acts when it is required by the engine, therefore, it performs a better management of the temperature and most importantly, it helps to reduce consumption, generating less pollution.

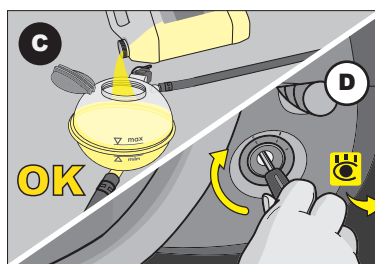
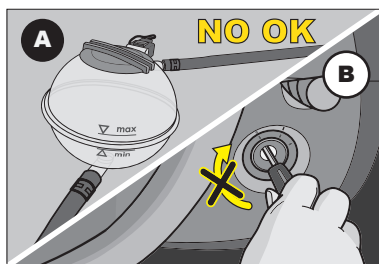
Why doesn't our water pump have a built-in solenoid?

All engine parts that work dynamically, i.e. in motion, have a much higher wear than the others and are normally assembled / connected with other parts that we usually call accessories. We are talking about screws, caps, nuts, washers, pulleys, tubes, terminals, etc.



In the case of the solenoid, it is very easy to disconnect and reconnect on the new pump. Just unscrew a small set screw and screw it back in when replacing the new pump.

When the vehicle arrives at a workshop to replace the water pump, we can reuse the solenoid fitted to the car (as long as it is in good condition and working correctly), thus saving costs and being environmentally responsible.



Important note:

This Airtex water pump has a patented internal system that must be lubricated. Do not test the pump on the engine without coolant, as this may cause permanent damage to the pump.

Please refer to the assembly instructions supplied with each product.