



# WATER PUMP FAQs

## **DO I NEED TO USE A 50/50 BLEND IN MY ENGINE, EVEN IN WARMER CLIMATES?**

Absolutely! By using straight water, you will prematurely cause the internal components to rust, which will ultimately cause the seal to fail much sooner than it should.

## **I NOTICE SOME OF YOUR WATER PUMPS COME WITH A FIBROUS (PAPER) GASKET INSTEAD OF A METAL ONE LIKE THE OE, WHY IS THAT?**

We found that the fibrous MP-15 gasket did a better job of sealing the surfaces of the engine block to the water pump. An engine that has some mars and warping from years of use need a more flexible material than the metal one can provide, which in turn gives you a longer lasting water pump.

## **IS IT SAFE TO USE THE ALL-VEHICLES COOLANTS THAT ARE NOW AVAILABLE?**

Safe, yes, but we recommend using the coolant that is suggested by the OE manufacturer of your vehicle. The key reason being it will work more optimally than a one size fits all approach of the all-vehicles coolants that are out there today.

## **SHOULD I USE SILICONE WHEN DOING A WATER PUMP INSTALLATION?**

Typically, only a thin smear is needed for assisting with holding the gasket in place while tightening the water pump down to the engine. Using any more than that and it will just be squeezed into the water pump itself and ultimately cause a premature water pump failure.

## **WHY IS THERE A SMALL HOLE IN MY WATER PUMP?**

Water pumps all come with a hole in them. The hole is called the “weep hole”. You need the weep hole to warn you when seals are about to fail in the pump. The weep hole is intended to allow extra lubricant from the pump bearings to drip out of the water pump housing. Without this hole, the oil would be forced past the water pump seal and get into the engine coolant. The hole also allows coolant to escape the pump housing instead of being forced past the oil seals to contaminate the bearings. Weep holes were the initial iteration of this technology years ago and now weep wells or chambers are the more typical approach to dealing with seepage rather than just a hole on the side of the pump.

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