

Familiarize yourself with **VW Tech Tips Bulletin TT 19-19-02** (and newer) regarding coolant leaks from the water pump area, which is summarized below.  
<https://static.nhtsa.gov/odi/tsbs/2013/MC-10155913-9999.pdf>

### **TIP 1**

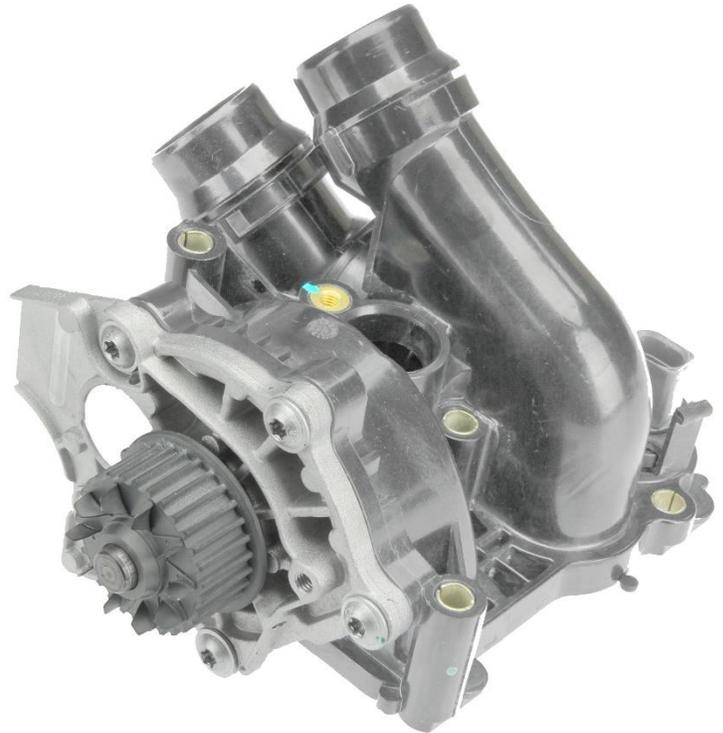
Inspect the existing water pump for signs of contact with engine oil. Oil may cause the water pump gasket to swell, which may lead to a coolant leak. If water pump replacement is necessary, ensure that all engine oil is thoroughly cleaned off prior to installing a new water pump.

### **TIP 2**

When replacing the water pump or opening the cooling system, a special bleed procedure **MUST** be performed. **Vacuum-bleed the cooling system for at least 10 minutes**, per VW factory guidance.

### **TIP 3**

Before driving the vehicle or raising engine RPM, start the engine and let idle until the thermostat opens and the cooling fan operates.



Installation by a professional technician is recommended. Refer to the factory repair manual for vehicle-specific service procedures for this part. Tighten all hardware to factory torque specifications and observe all repair manual cautions and warnings. Use safety stands whenever beneath a vehicle and always wear protective eyewear.