

2016 Ford Mustang V8-5.0L

Vehicle > Technical Service Bulletins

## COOLING SYS. - COOLANT PUMP WARRANTY INFORMATION

General Service Bulletin (GSB):

Coolant Pump Inspection

GSB Overview:

This General Service Bulletin details warrantable/non warrantable condition of coolant pumps

**NOTE:**

This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures or technical training or wiring diagram information.

GSB Topics Covered Include:

^ Coolant pump design characteristics & features

^ Normal staining example

^ Leaking example

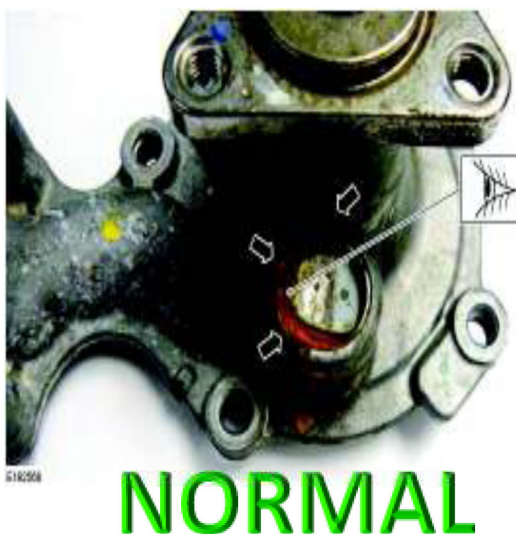
^ Diagnostic leak tip

### Coolant Pump Inspection Coolant pump design characteristics

Newer Ford engines use a coolant pump with a seal that is lubricated by coolant and utilize an integral weep chamber in the pump housing.

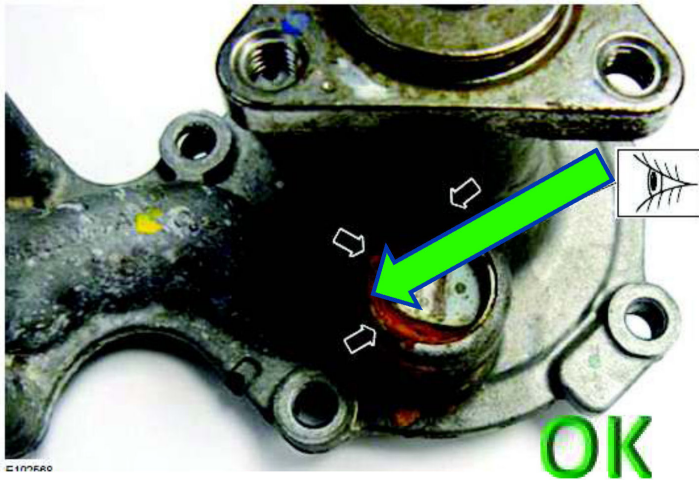
The coolant is used to lubricate the water pump seal. At this point it collects in the weep chamber, and later evaporates with normal usage.

This can sometimes result in the exterior cosmetic staining due to the vapor escaping past the vent hole and collecting on the pump housing instead of inside the weep chamber.



## Coolant Pump Inspection

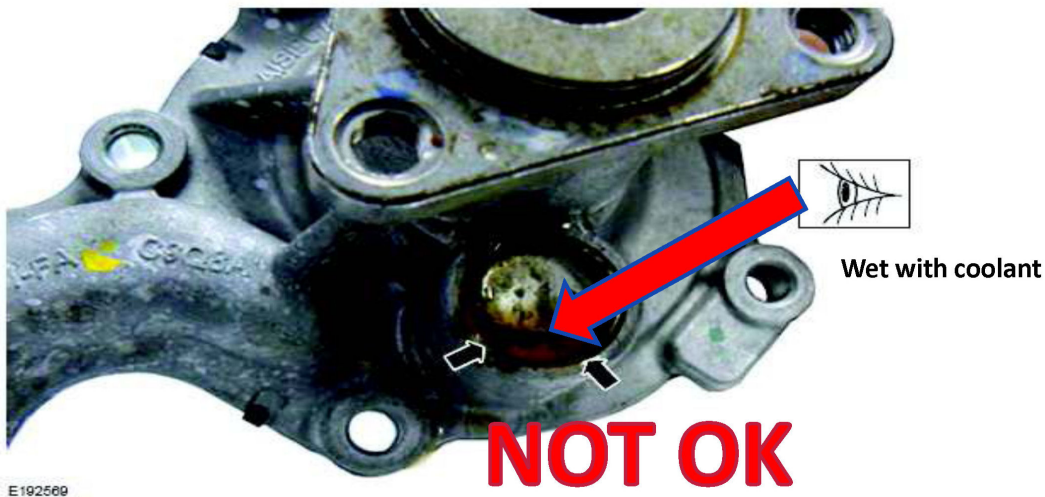
### Signs of corrosion and or coolant staining water pump example



Staining on the pump indicates an earlier event or normal operation which does not constitute as a water pump failure. Slight staining and residual dried coolant build up around the weep chamber vent is considered normal

## Coolant Pump Inspection

### Leaking water pump example



Coolant pump will have wet coolant residue with an evident puddle occurring on the pump weep chamber.

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

## Disclaimer