



Service Bulletin

PRELIMINARY INFORMATION

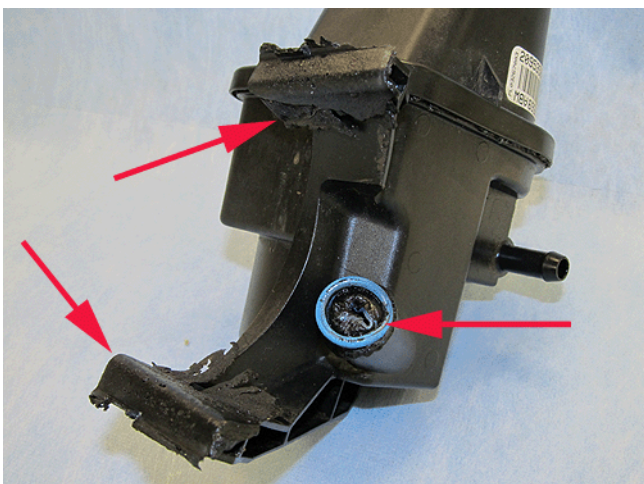
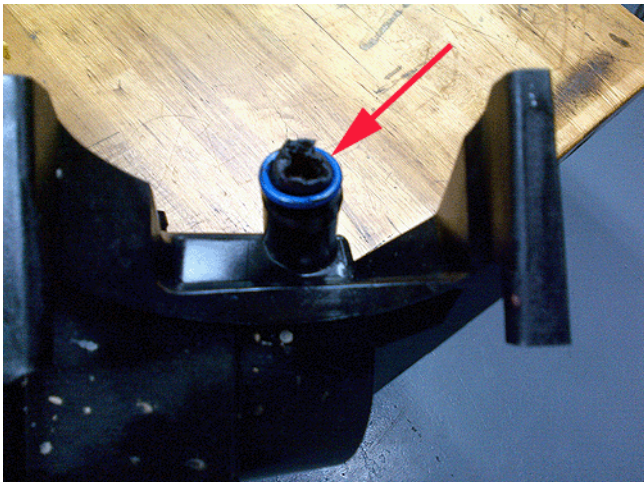
Subject: Power Steering Fluid Leak at Fluid Reservoir or Reservoir Connection

Models: 2018 and Prior GM Passenger Cars and Light Duty Trucks Equipped with Hydraulic Power Steering

Attention: This PI also applies to any of the above models that may be Export from North America vehicles.

This PI has been revised to add the 2013-2018 Model Years and include additional components to be replaced. Please discard PI0671.

Condition/Concern



When diagnosing power steering fluid leak conditions, the technician may find a heat damaged fluid reservoir. When a power steering reservoir or reservoir seal is damaged, it's important to make sure that potential associated issues are addressed. Conditions that are the result of super heated power steering fluid may involve the power steering pump, reservoir, and hoses. These additional components may not have any apparent issues at the time of the initial diagnosis.

Fluid temperatures sufficient to distort or damage the reservoir may cause damage to the power steering pump affecting durability.

Recommendation/Instructions

When replacing a power steering reservoir for a leak condition, if the condition appears to be caused by super heated fluid, it's important that the power steering pump, reservoir, and hoses also be replaced to prevent a subsequent concern, resulting in customer dissatisfaction. In addition, it's necessary to advise the customer that certain operating conditions generate these excessive fluid temperatures and they must be avoided to prevent future issues.

These maneuvers and conditions include:

- Holding the steering against the "stop" or end of travel for more than 5 seconds at an engine speed in excess of 1,500rpm.
- Doing continuous spin-outs, "cookies" or "doughnuts" with the steering against the end of travel or close to the end of travel for more than 5 seconds at a time at an engine speed in excess of 1,500 rpm.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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