



Service Bulletin

File in Section: -

Bulletin No.: PI0939

Date: April, 2013

PRELIMINARY INFORMATION

Subject: Fluid Leaking from Power Steering Pump Area

Models: 2012-2013 Chevrolet Impala

Condition/Concern

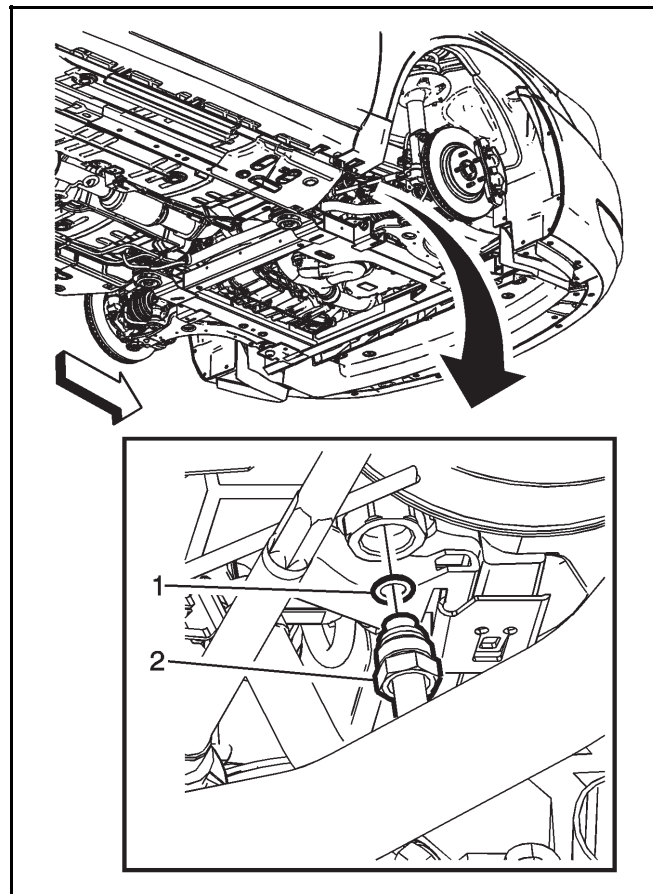
Some customers may comment on a power steering fluid leak in the area around the power steering pump. This condition may be caused by a poor seal between the power steering pump and the power steering gear inlet pipe/hose assembly.

Recommendation/Instructions

Note: Do not replace the power steering pump to correct this condition.

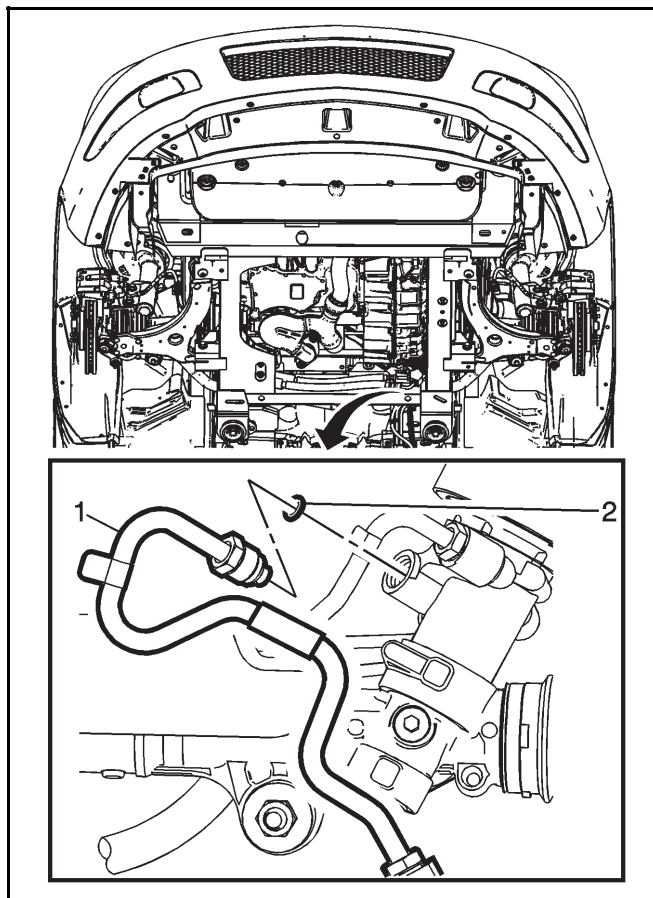
Use the following steps to replace the power steering gear inlet hose O-ring seals:

1. Place drain pans under the vehicle.
2. Remove as much power steering fluid from the reservoir as possible.
3. Raise and support the vehicle. Refer to Lifting and Jacking the Vehicle in SI.
4. Remove the front tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation in SI.



5. Disconnect the power steering gear inlet hose (2) from the power steering pump.

6. Remove the power steering gear inlet hose O-ring seal (1). Discard the seal.
7. Install a NEW power steering gear inlet hose O-ring seal (1).
8. Connect the power steering gear inlet hose (2) to the power steering pump and tighten the fitting to **34 N•m (25 lb ft)**.



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9. Disconnect the power steering gear inlet hose (1) from the steering gear.
10. Remove the power steering gear inlet hose O-ring seal (2). Discard the seal.
11. Install a NEW power steering gear inlet hose O-ring seal (2).
12. Connect the power steering gear inlet hose to the steering gear. Position the rubber isolation tube against the steering gear housing casting. Tighten the fitting to **34 N•m (25 lb ft)**.
13. Install the front tire and wheel assemblies. Refer to Tire and Wheel Removal and Installation in SI.
14. Lower the vehicle.
15. Fill and bleed the power steering system. Include fluorescent dye, GM P/N 88861206. Refer to Power Steering System Bleeding in SI.
16. Clean any excess power steering fluid from the vehicle.

Parts Information

Part Number	Description
26001594	Seal, Power Steering Gear Inlet Hose (2 Required)
88861206 (in Canada, use 88861259)	4 IN 1 FLUORESCENT DYE
89021182 (in Canada, use 89021183)	Fluid, Power Steering

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
E9578*	Power Steering Gear Inlet Pipe O Ring Seal Replacement	1.1 hrs
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		