



Service Bulletin

File in Section: -

Bulletin No.: PI0750

Date: June, 2012

PRELIMINARY INFORMATION

Subject: Power Steering Hose Design Change

Models: 2012 Chevrolet Impala



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The purpose of this document is only to provide technicians instructions for installing a new power steering gear inlet hose, when necessary, due to a mid-year design change. This procedure should not be performed unless the vehicle has a first design, dual line hose that has failed and requires replacement.

Vehicles built from 2012 model year start of production until February 13, 2012 with VIN C1244911 were built with a dual line hose and a cradle that had no specific attaching points or provisions for the hose. Vehicles built after this breakpoint have an updated cradle with factory holes and attaching nuts in the cradle to accommodate the new design hose. The design change was made to the hose starting on March 26, 2012 with VIN C1278238. Vehicles built after this point are equipped with the latest design cradle and hose. Vehicles built between the two breakpoints may have a first or second design hose. If a vehicle has a dual line hose that requires replacement and has no factory holes and nuts in the cradle, please follow the procedure below.

The newly designed hose is a single hose that will need to be mounted to the cradle with bolts listed in the parts information table. DO NOT use the bolts that come with the production hose. Those are not self-tapping bolts and are meant for use on vehicles with the second design cradle. Remove and discard and use the bolts provided in the parts information table.

If a vehicle with a dual line hose requires cradle replacement and a second design cradle is received, with holes and nuts, it is recommended to replace the hose in this instance with the factory style bolts that come with the hose.

Recommendation/Instructions

When replacing the power steering pressure hose on vehicles built prior to the production date above, follow the steps below:

1. Remove as much power steering fluid from the reservoir as possible.
2. Raise the vehicle and remove the front tire assemblies.
3. Disconnect the power steering hose from the power steering pump.
4. Disconnect the power steering hose from the steering gear.
5. Partially remove the right side steering gear mounting bolt for clearance.
6. Remove the power steering hose from the vehicle.

7. Install new power steering hose and connect to the steering gear.

Tighten

Tighten to 34 N•m (25 lb ft).

8. Connect the power steering hose to the steering pump.

Tighten

Tighten to 34 N•m (25 lb ft).

Figure 1



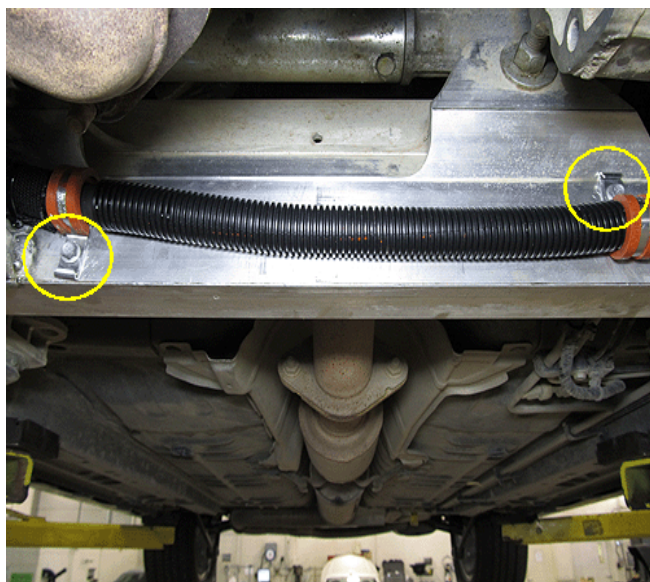
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9. Line up the power steering hose clamp edges at the top and bottom edges of the cradle (as shown in Figure 2) and mark the placement of the holes with a punch.

Important: Make sure the new hose does not hang below the cradle. Also be sure that the clamp placement keeps the hose itself clear of any hard contact or rubbing on any parts of the cradle or other components.

10. Drill two 5.5 mm holes where the clamps will be bolted to the cradle.

Figure 2



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11. Install the bolts through the clamps onto the cradle.

Tighten

Tighten the bolts to 7 N•m (61 lb in).

Important: DO NOT overtighten or strip the bolts into the cradle.

12. Install the right side steering gear mounting bolt.

13. Lower the vehicle.
14. Fill the power steering reservoir and bleed the power steering system. Refer to Power Steering System Bleeding in SI.
15. Replace the power steering cap if built prior to August 31, 2011 with P/N 25940034.

Parts Information

Part Number	Description
22943230	Power Steering Hose
11569613	Bolts
25940034	Power Steering Cap

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
E9564*	Power Steering Pressure Hose Replacement	1.0 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		