GM Bulletin No.: 12027 Date: March 2012



# **Service Bulletin**



# SERVICE UPDATE

- SUBJECT: Service Update for Inventory and Customer Vehicles Fuel Pipe Quick Connect Replacement Expires with Base Warranty
- MODELS: 2012 Chevrolet Sonic Equipped with 1.4L Turbo Engine (LUV) and 6-Speed Manual Transmission

This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

### PURPOSE

This bulletin provides a service procedure to replace the fuel pipe and quick connect on **certain** 2012 model year Sonic vehicles equipped with 1.4L Turbo engine (LUV) and 6-speed manual transmission. In a high speed front crash test involving a Sonic vehicle with similar content, the nylon fuel feed pipe quick connect fractured and released a small amount of fuel after the crashed vehicle was rolled 90 to 180 degrees. The small amount of fuel did not exceed the amount allowed in the federal safety standard for fuel system integrity in a crash.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

#### VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History (GMVIS2) Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

Additionally, a list of involved vehicles currently in dealer inventory is available on the "Service Update Bulletin Information" link under the "Service" tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that

return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

### PART INFORMATION

Parts required to complete this service update are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Please refer to your "involved vehicles listing" before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Part Number	Description	Quantity/Vehicle
95127085	PIPE, FUEL FEED FRT	1
25654373	RETAINER, FUEL FEED HOSE CONN	2

#### SERVICE PROCEDURE

Warning: Refer to Gasoline/Gasoline Vapors Warning in SI.

- 1. Disconnect the battery negative cable. Refer to *Battery Negative Cable disconnection and Connection i*n SI.
- 2. Relieve the fuel pressure. Refer to *Fuel Pressure Relief* in SI.
- 3. Disconnect the front fuel feed pipe connector from the fuel injector rail and the fuel feed pipe and remove the front fuel feed pipe. Refer to *Plastic Collar Quick Connect Fitting Service* in SI.



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- 4. Connect the new front fuel feed pipe connector to the fuel injector rail (1) and the fuel feed pipe (2). Refer to *Plastic Collar Quick Connect Fitting Service* in SI.
- 5. Install the fuel feed pipe clip retainers at the quick connect ends of the fuel feed pipe as shown in the illustration.

- 6. Connect the battery negative cable. Refer to *Battery Negative Cable Disconnection and Connection* in SI.
- 7. Start the vehicle and inspect the fuel feed pipe for leaks.

## WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below.

Labor		Labor
Code	Description	Time
V2557	Replace Fuel Feed Pipe	0.2

## DEALER PROGRAM RESPONSIBILITY

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.



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