



Service Bulletin

File in Section: -

Bulletin No.: PIP4942A

Date: March, 2012

PRELIMINARY INFORMATION

Subject: Fuel Odor Or Signs Of Fuel At High Pressure Pump To High Pressure Fuel Lines

Models: 2010 - 2012 Chevrolet Express, Silverado
2010 - 2012 GMC Savana, Sierra
Equipped with the 6.6L Duramax Diesel RPO codes LGH or LML

This PI was superseded to update recommended field along with model and model years.
Please discard PIP4942.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern:

In rare instances a dealer may encounter a customer concern of fuel odor. During inspection a technician may notice the signs of fuel seepage at the high pressure pump to high pressure line fittings.

There are two high pressure lines leading from the high pressure pump to the right fuel rail. The lines are held in place with metal brackets and nylon insulators. These brackets and insulators may cause a high pressure line misalignment and induce fuel seepage.

Recommendation/Instructions:

Complete the current SI diagnostic for any DTCs or symptoms found.

If fuel seepage has been found at the high pressure pump to fuel line connections do not replace the high pressure pump. Adjustment of the lines may resolve the leak.

Review the current SI repair procedure for "Fuel High Pressure Pipe Replacement - Pump to Rail". Remove the high pressure lines and inspect. If there is no abnormal wear or damage, the lines will need to be adjusted, and reinstalled.

1. Loosen or remove the related high pressure lines, metal retaining brackets, and nylon insulators.
2. Reinstall and torque the high pressure line fittings when the retaining brackets and nylon insulators are loosened or removed.
3. Reinstall and torque the retaining brackets/nylon insulators after the lines are properly installed and torqued. This will allow the lines to seat on the pump and rail correctly.
4. Evaluate the leak after the lines are adjusted.

Note: Follow all current SI repair procedures and torque specifications.

Warranty Information:

For Vehicle repaired under warranty use:

J5640 - Fuel High Pressure Pipe Replacement - Pump to Rail

LABOR TIME: 2.8

Diagnosis Time: You may claim up to the allowable labor hours depending on actual time performing diagnosis.

ADD TIME: 0.0-0.3

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.