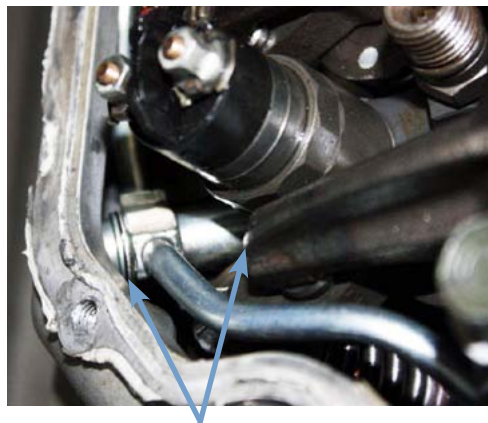


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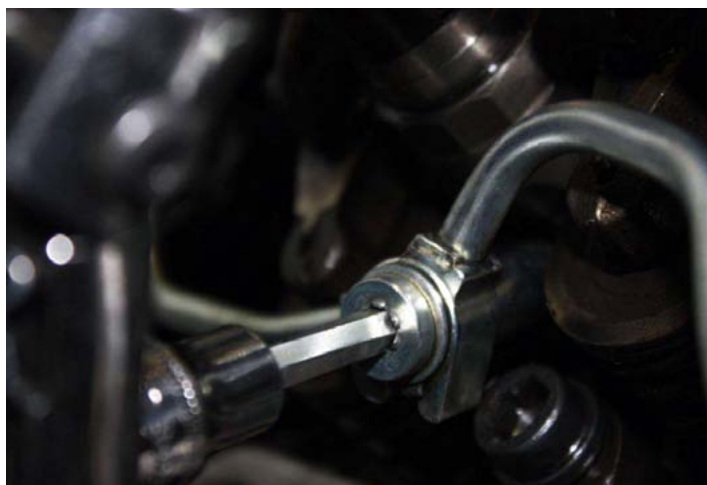
SUBJECT: GM 6.6 L LB7 Duramax Fuel Return Line Banjo Bolt

June 19, 2012

The fuel return lines on the 2001–2004½ GM 6.6 L LB7 Duramax are located under the valve covers and rocker housings. The return lines are connected to the injectors with banjo bolts. If the banjo bolts are not tightened properly they can cause return fuel to leak into the engine, diluting the engine oil with diesel fuel (possibly leading to severe engine damage). Accessing these bolts is time consuming and reusing damaged banjo bolts can be a costly practice in the long run.

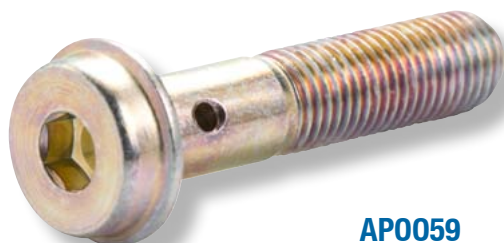


Return Line Leak Points



Banjo Bolt Installation

The fuel return line banjo bolt has a torque value of 12 lb–ft and requires a 5 mm Allen wrench to be removed and installed. The Allen head can be problematic and often strip, making it difficult to properly torque the banjo bolt on installation.



AP0059



Damaged Banjo Bolt

Alliant Power recommends that all banjo bolts for the 2001–2004½ LB7 Duramax be thoroughly inspected any time they are removed. Replace using Alliant Power part number **AP0059** if there are any signs of damage or stripping of the Allen head. Failure to do so can result in severe engine damage.