



Bulletin No.: PI0957

Date: Apr-2013

# Service Bulletin

## PRELIMINARY INFORMATION

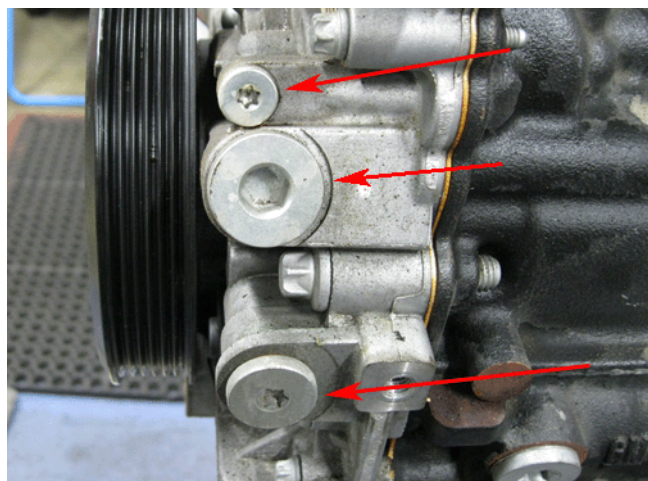
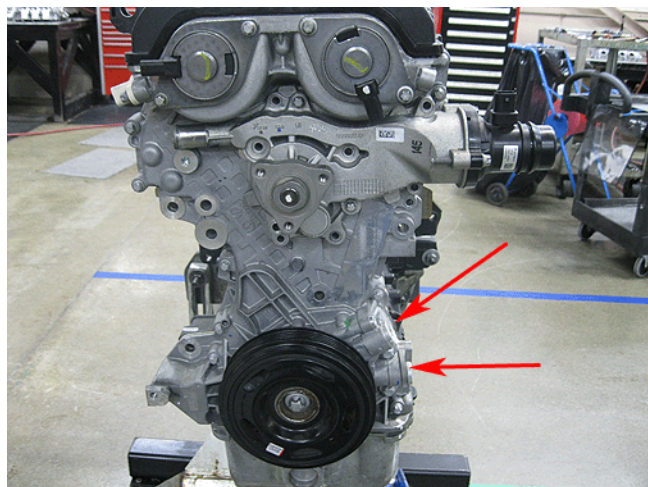
**Subject:** Diagnostic Tips for Front Cover Oil Leak

**Models:** 2013 Buick Encore  
2011–2013 Chevrolet Cruze  
2012–2013 Chevrolet Sonic  
2013 Chevrolet Trax  
Equipped with 1.4L Engine (RPO LUJ or LUV)

### Condition/Concern

Some customers may comment on an oil leak on the right front of the engine.

### Recommendation/Instructions



Possible front cover leak locations are the 90 degree and 45 degree plugs located on the front cover next to the A/C compressor. These could be misdiagnosed as an oil pan seal or front balancer seal leak. It is very important to use an engine oil dye to help accurately locate the oil leak.

If these plugs are determined to leak, technicians may find an indentation in the copper seal due to debris. You should look at the plug and front cover for any debris that could cause a repeat leak if not removed. Refer to the pictures above for the location of the plugs. Replace the front cover seal and/or the plug(s) as necessary.

## Warranty Information

For vehicles repaired under warranty, use the appropriate labor operation for the repair performed.

---

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION