



Service Bulletin

File in Section: -

Bulletin No.: PI0851A

Date: February, 2013

PRELIMINARY INFORMATION

Subject: Turbocharger Oil Feed and Return Line Inspection When Servicing Turbocharger Assembly

Models: 2011-2012 Chevrolet Cruze
2012 Chevrolet Sonic
Equipped with Engine RPO LUJ or LUV

This PI is being revised to update the Oil Line Inspection/Recommendation. Please discard PI0851.

Oil Line Inspection/Recommendation

If SI diagnostic procedures determine that the turbocharger assembly needs to be removed or replaced, the oil feed pipe should be checked for restriction. Replace the pipe if restricted. Do not attempt to clean the pipe assembly. It is also a good practice to inspect the oil return pipe for any damage or restriction before reinstalling the turbocharger assembly. Another indication of a restricted oil feed pipe could be a claim of an oil leak in the area of the turbo oil return pipe. Inspection of this pipe could lead to finding the return pipe has been damaged as a result of excessive heat due to an inadequate oil supply to the turbo.

ECM Calibration

In addition to checking the oil pipes, the technician should verify the ECM has the latest calibration. This calibration contains a function that allows the cooling fans to run for a short period of time, after the vehicle has been driven under certain conditions, when the vehicle is shut off. This latest calibration allows the turbocharger to cool in less time, reducing the likelihood of the oil coking in the oil feed pipe. Good vehicle maintenance practices will also help to reduce the oil from coking in the oil feed pipe. To avoid the customer coming back with a concern, you should inform them of the calibration change that allows the fans to run after the key is shut off.

Parts Information

Part Number	Description
55592600	Turbo Oil Feed Pipe

Additional Keywords: oil leak, oil return pipe