



# Service Bulletin

File in Section: -

Bulletin No.: PI0647A

Date: May, 2013

## PRELIMINARY INFORMATION

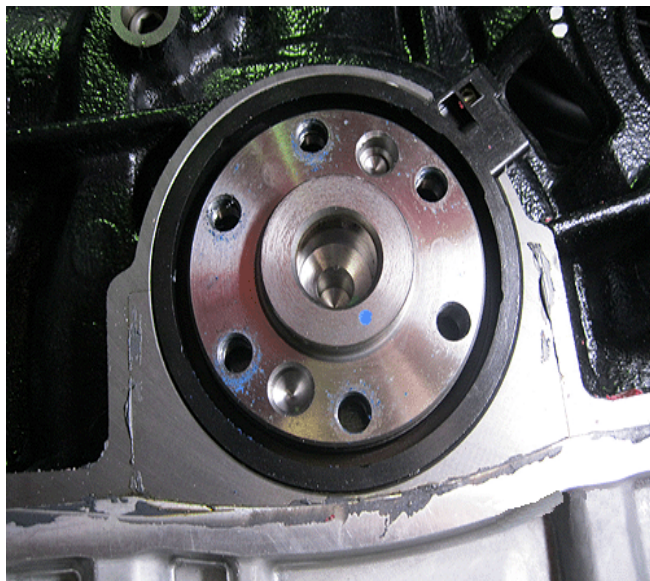
**Subject:** Poor Engine Performance and/or DTCs Set After Partial Engine Replacement

**Models:** 2011-2014 Chevrolet Cruze  
2012-2014 Chevrolet Sonic  
Equipped with Engine RPO LUW

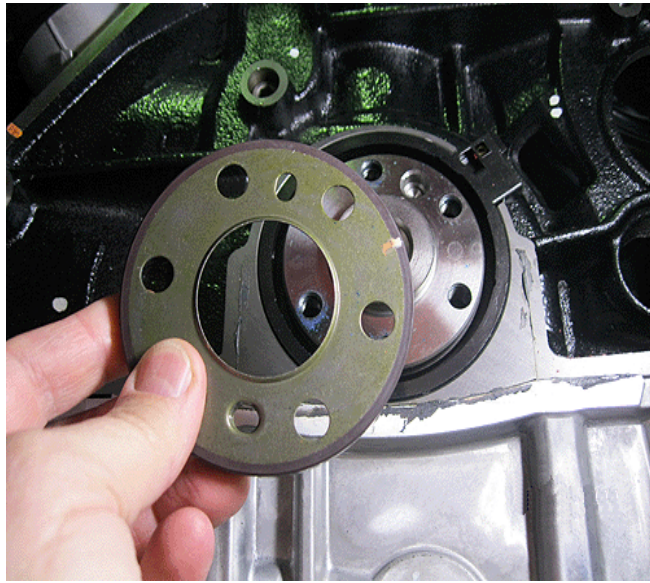
**This PI is being revised to add the 2013-2014 model years. Please discard PI0647.**

When a new partial engine is needed for replacement, it is very important to transfer all parts from the old engine to the new engine before installation of the new engine.

Most components that need to be transferred are very obvious. One part that is not obvious is the crankshaft reluctor wheel. This needs to be transferred from the old engine and installed onto the new engine.



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The reluctor wheel is located between the flywheel and the crankshaft. Once the flywheel is removed, the reluctor wheel can be transferred to the rear of the new engine and the flywheel can be installed to retain the reluctor. Failure to transfer this part will cause the engine to run poorly and set DTCs.  
Additional Keywords: DTC P0335 P0336