



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Diagnostic Tip - Crossed Fuel Injector Harness Issues

**Models:** 2014-2017 Buick Encore  
2011-2015 Chevrolet Cruze  
2016 Chevrolet Cruze Limited  
2012-2017 Chevrolet Sonic  
2013-2017 Chevrolet Trax  
Equipped with 1.4L Engine (RPO LUJ or LUV)

*This PI was superseded to update Models and Years. Please discard PIP5353.*

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

### Condition/Concern

A technician may encounter a rough idle, poor transmission shift feel, misfire with or without diagnostic trouble code (DTC) P0300 set in the Engine Control Module (ECM).

### Recommendation/Instructions

While performing the visual inspection portion of Strategy Based Diagnosis, utilize engine controls schematics to compare the Fuel Injector Control Circuit wire colors at the fuel injectors and at the ECM connectors.

The connections at the fuel injectors or individual circuits at the ECM connectors can be reversed leading to misfires that may occur only under specific circumstances or RPM ranges making them difficult to duplicate or diagnose.

If this concern is found, inspect the related harnesses and terminals for signs damage due to the misrouting.

If this concern is not found, continue with SBD on the symptoms.

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.

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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.



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