Bulletin No.: PIP5353C
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Preliminary Information

PIP5353C Diagnostic Tip - Crossed Fuel Injector Harness Issues

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2014 - 2017	All	All	LUJ, LUV	All
Chevrolet	Cruze	2011 - 2015	All	All	LUJ, LUV	All
Chevrolet	Cruze Limited	2016	All	All	LUJ, LUV	All
Chevrolet	Sonic	2012 - 2017	All	All	LUJ, LUV	All
Chevrolet	Trax	2013 - 2017	All	All	LUJ, LUV	All

Supersession Statement

This PI was superseded to add verbiage for the condition. Please discard PIP5353B.
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, surge, shudder, poor transmission shift feel, misfire with or with out diagnostic trouble code (DTC) P0300 set in the Engine Control Module (ECM).

Recommendations / 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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