



Preliminary Information

PIP5559 P3055 MIL SES Circuit 2172 Short To 12 Volts

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Envision	2017	All	All	All	All
Involved Region or Country		North America				
Additional Options (RPO)		KL9				
Condition		In rare cases, some customers may comment the check engine lamp is illuminated. Technicians may find diagnostic trouble code P3055.				
Cause		If service information does not lead to a solution, the 12 volt regulated supply voltage 1, circuit 2172, may be shorted to voltage inside the X51A IPC fuse block.				

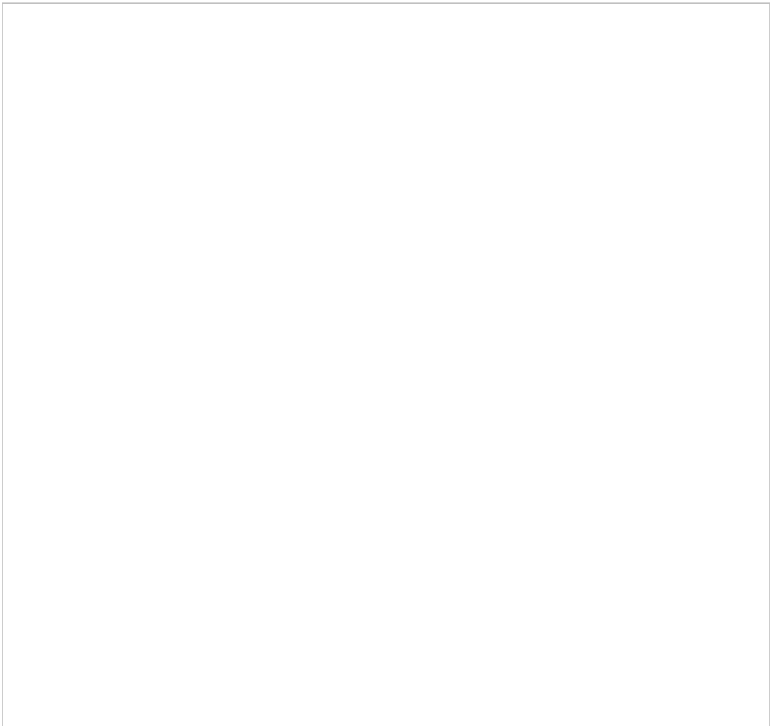
Correction:

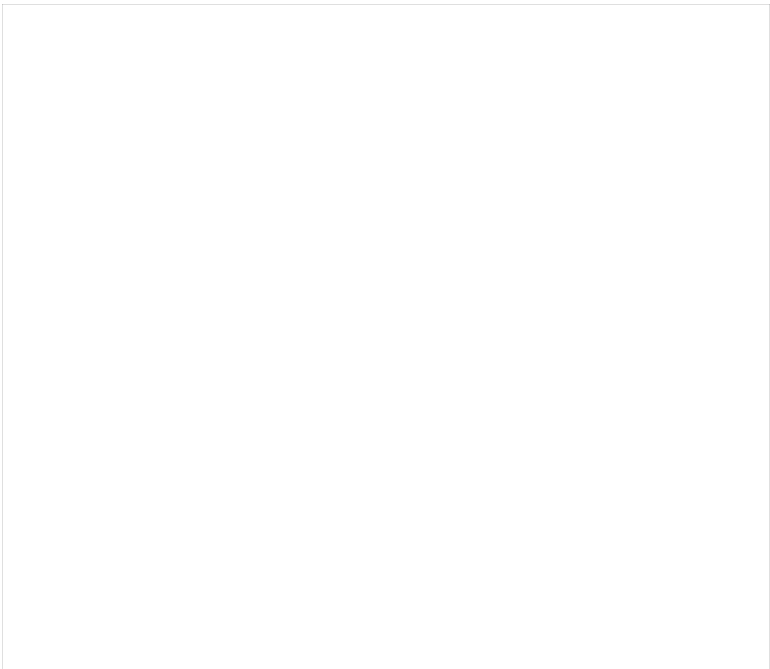
The technician should remove the X51A instrument panel fuse block and access the wire entry side of the fuse block.

Inspect cavity 55, circuit 2172 (red color wire with a yellow tracer stripe) for chafing against a metal terminal that is crimped to a heavy gauge red circuit near it.

See the pictures below for what is typically found when the cause for P3055 is in this area.

Repair this circuit as needed and relocate circuit 2172 so it does not chafe again.





NOTE: This PI will be update as soon as more information becomes available.

Warranty Information

Labor Operation	Description	Labor Time
5430902	Wire-to-Wire Repair	Use Published Labor Time

Version History

Version	1
Modified	Created 3/5/2018

