



# Service Bulletin

## TECHNICAL

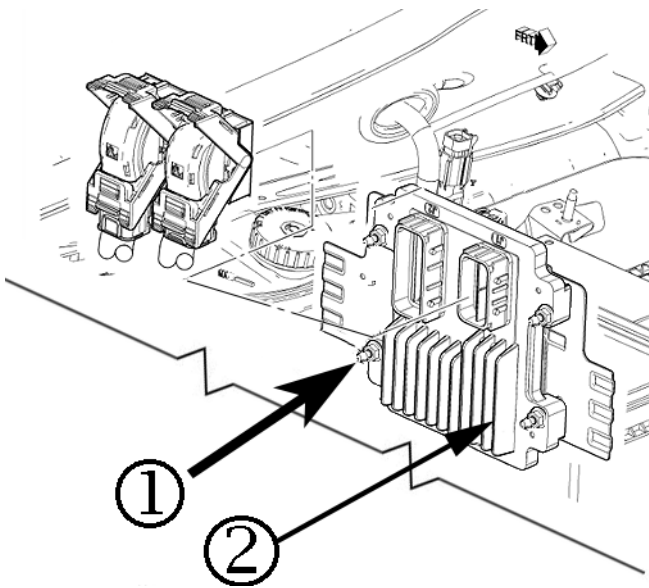
**Subject:** Engine Wiring Harness Chafing, No Start or Malfunction Indicator Lamp (MIL) ON

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Sonic	2013	2016			LUW, LWE, LUV	All
Chevrolet	Spark	2014	2015			LLO	All

<b>Involved Region or Country</b>	North America
<b>Condition</b>	Some customers may comment on various conditions such as; no start, Malfunction Indicator Lamp (MIL) ON, and possible loss of steering assist.
<b>Cause</b>	Technicians may find the engine harness routed too close to the ECM lower mounting bracket stud or the corner of the ECM. The stud or corner can pierce the harness, and chafe and short wires inside the harness.
<b>Additional Options</b>	Equipped with 1.8L L4 LUW, 1.8L L4 LWE, 1.4L LUV or 1.2L LLO engine

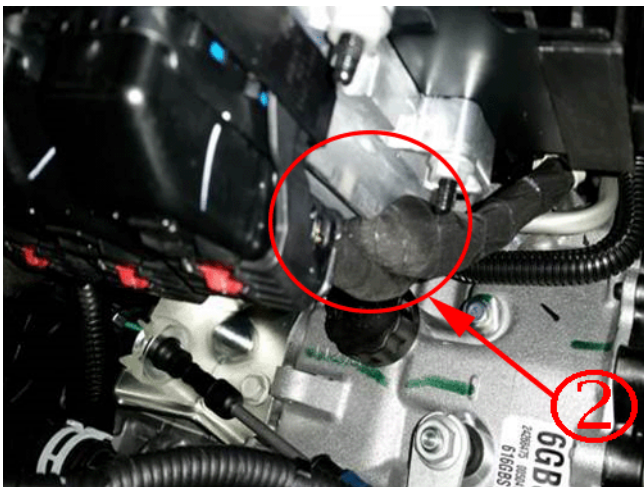
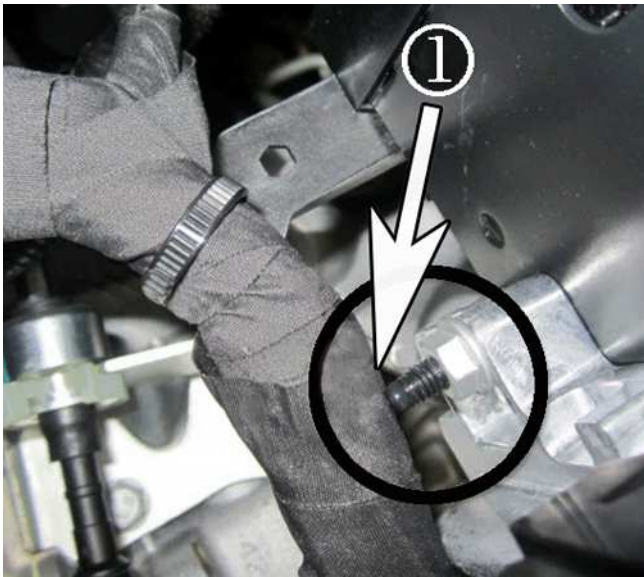
### Correction

**ECM Mounting Bracket Stud (1) and Corner of ECM (2) Contact Area**



Inspect the harness for signs of contact or damage. Reroute or repair as necessary.

### Service Procedure



1. Inspect the harness (1 and 2) for signs of contact or damage.
2. Tie strap or tape the harness away from the areas of contact if needed.
3. If harness is contacting the stud, or harness damage is found, unwrap and inspect the wiring in the contact area.

4. Repair the harness wiring as needed. Refer to *Wire-to-Wire Repair* in SI.

## Warranty Information

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

<b>Version</b>	5
<b>Modified</b>	<p>July 13, 2016 – Added the 2015 and 2016 Model Years.</p> <p>August 18, 2016 – Added additional cause of rubbing on corner of ECM.</p> <p>August 30, 2016 – Added Engine RPO LUV.</p> <p>Feb. 8, 2017 - Added Chevrolet Spark and Engine LLO</p>

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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