



Service Bulletin

TECHNICAL

Subject: Instrument Panel Cluster (IPC) Air Bag Indicator Illuminated (Install Protective Material)

Models: 2007-2009 Chevrolet Cobalt
2008-2009 Chevrolet HHR SS
2006-2009 Pontiac Solstice
2007-2009 Pontiac G5
2007-2009 Saturn SKY
2007-2009 Opel GT
2007-2008 Daewoo G2X
Built Prior to February 2, 2009

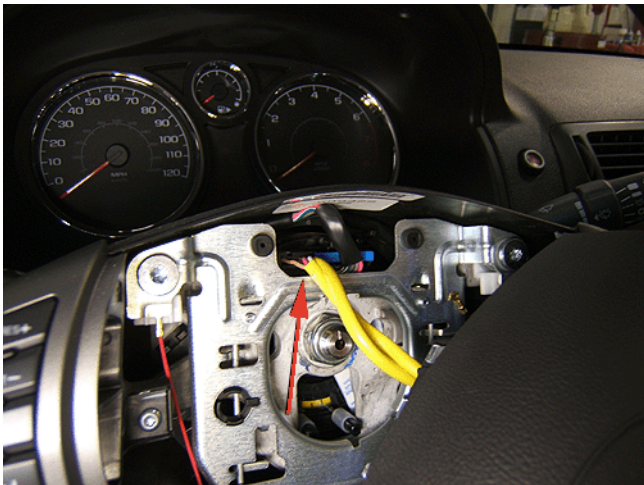
This Bulletin has been revised to update the Correction, Parts Information and Warranty Information. Please discard Corporate Bulletin Number 09-09-41-004.

Condition

Some customers may comment that the air bag indicator lamp, located in the instrument panel cluster, is illuminated.

Upon performing a DTC check, the technician may find a B0012-02, B0012-0E, B0013-02 or B0013-0E code stored in the supplemental inflatable restraints (SIR) system.

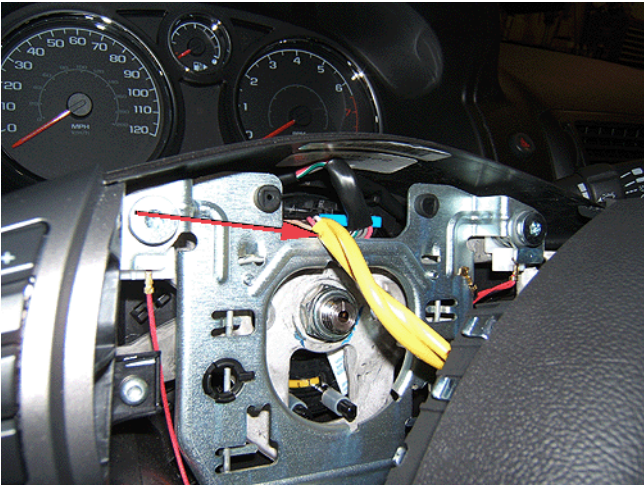
Cause



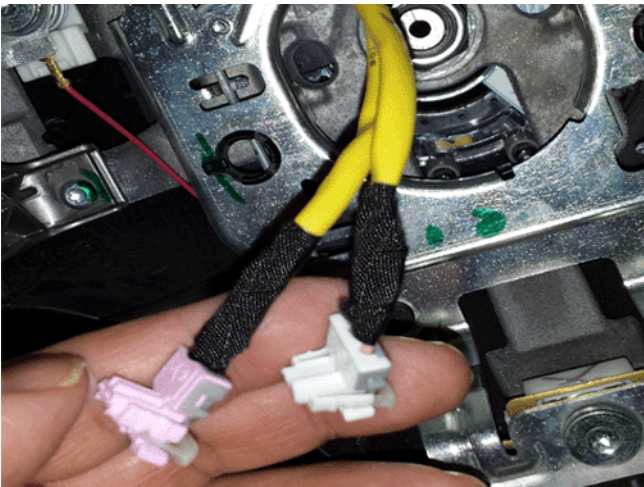
This condition may be caused by a short to ground in the yellow SIR wiring harness. This wiring harness is located within the steering wheel assembly and connects the steering wheel inflatable restraint module to the steering wheel inflatable restraint module coil. A sharp edge on the steering wheel stamped steel horn plate may rub through the yellow SIR wiring harness insulation, allowing the harness to ground to the horn plate.

Correction

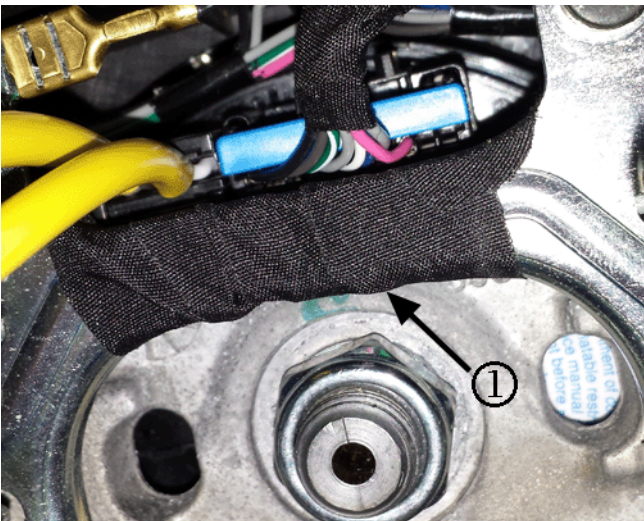
1. Remove the steering wheel inflatable restraint module. Refer to Steering Wheel Inflatable Restraint Module Replacement in SI.



2. Inspect the yellow SIR wiring harness that connects the steering wheel inflatable restraint module to the steering wheel inflatable restraint module coil. Look for any chafing, cracks or areas where the wiring, insulation or protective wire sleeve has been damaged.
3. If the inspection of the wiring harness reveals a condition that may allow the wiring to short to ground, replace the steering wheel inflatable restraint module coil. Refer to Steering Wheel Inflatable Restraint Module Coil Replacement in SI for replacement procedures.
4. With the steering wheel inflatable restraint module removed, use the following steps to install woven polyester electrical tape (PET) tape around each yellow wire and the metal horn plate.
5. Slide the yellow sleeves on the SIR coil harness away from the connector end, as far towards the column as possible.



6. Wrap woven polyester electrical tape (PET) around each wire from the sleeve end toward the connector, to secure the sleeve from sliding back down.



Note: After installing the protective material, verify the metal horn plate does not bind or stick as a result of the tape installation.

7. Wrap PET (1) around the top of the stamped steel horn plate and through the opening between the metal. Overlap the tape 50% the complete length of

the opening.

8. Complete the installation of the steering wheel steering wheel airbag coil. Refer to Steering Wheel Inflatable Restraint Module Coil Replacement in SI.
9. Verify that all of the steering wheel functions perform correctly.

Parts Information

Part Number	Description	Quantity	Material Allowance
1089482*	Kent Automotive Woven Polyester Electrical Tape	As Required	\$1.25 U.S.(\$1.40 (CAD))

*This product is currently available from Kent Industries (1-888-YES-KENT). We believe this source and their products to be reliable. There may be additional manufacturers of such products/materials. General Motors does not endorse, indicate any preference for, or assume any responsibility for the products or material from this firm or for any such items that may be available from other sources.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
6480148*	Install Polyester Electrical Tape	0.5 hr
Add	Replace Inflatable Restraint Steering Wheel Module Coil	0.5 hr

*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.

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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