



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Steam/Vapor Coming from Front Grille or Radiator Area, Engine Runs Rough or Stalls, DTC P0506 Set

**Models:** 2014 Chevrolet Impala (VIN 1)

*This PI has been revised to update the Condition/Concern. Please discard PI1203A.*

### Condition/Concern #1 (All Engines)



Some customers may comment that steam is coming from the front grille at idle, or on seeing vapor coming from the radiator after car washes.

The cause of this condition may be the result of rain or car wash runoff water reaching the condenser, radiator and fan module (CRFM) where it can be vaporized and, with the right weather, can become visible condensate.

### Condition/Concern #2 (2.5L Engine – RPO LKW)

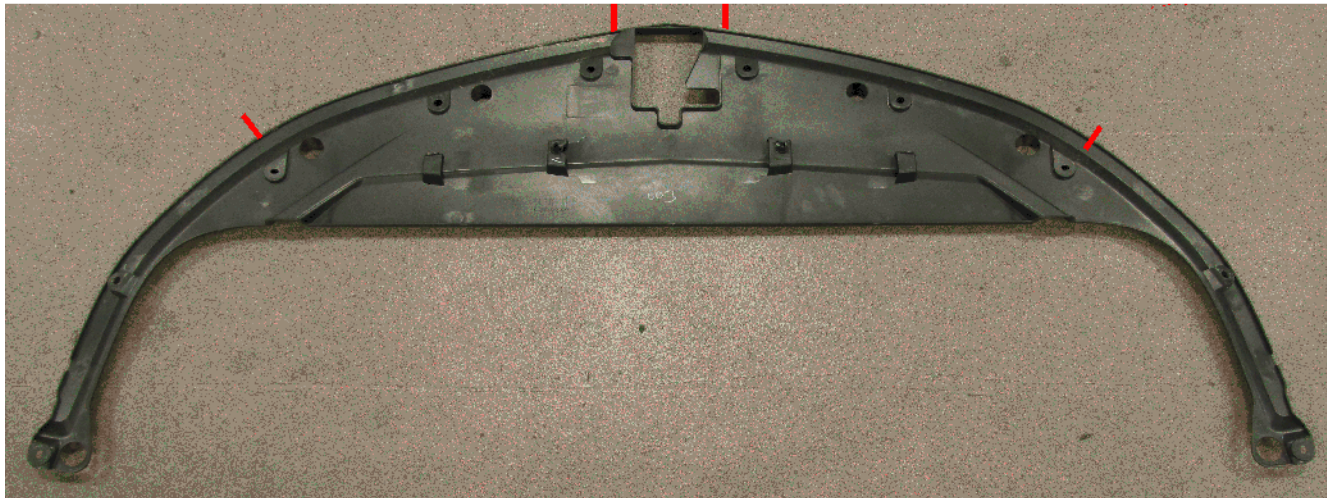
Some customers may comment that after going through a car wash, the vehicle runs rough or engine stalls and may illuminate the MIL and have set DTC P0506.

This condition may be caused by water vapor getting ingested into the induction system through the air intake that is located behind the grille.

### Recommendation/Instructions

Apply BRS tape to the front compartment front sight shield front lip and replace the radiator air upper baffle and deflector following the procedure below.

1. Remove the front compartment front sight shield. Refer to Front Compartment Front Sight Shield Replacement in SI.



2. Cut two pieces of BRS tape 425 mm (17 in) and peel the backing off. Place the adhesive side along the marked area on the front sight shield front lip as shown in the illustration above.
3. Replace the radiator air upper baffle and deflector with the revised part number listed below. Refer to Radiator Air Upper Baffle and Deflector Replacement in SI.

### Parts Information

Contact Kent Automotive at 1-888-YES-KENT or online at [www.kent-automotive.com](http://www.kent-automotive.com).

Part Number	Description	QTY	Material Allowance
23200187	DEFLECTOR-RAD AIR UPR	1	-
P46505*	BRS Shim Stock, Adhesive-Back, 3/4" Wide x 7/16" Thick	-	\$1.82 USD (per vehicle) \$2.01 CAD (per vehicle)

\*There is enough material to do approximately 20 vehicles. Store the remaining material for future use.

### Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4080538*	Installing New Radiator Air Upper Deflector and Applying Shim Stock on Front Compartment Front Sight Shield	1.1 hrs

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

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION