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## #PI1498: Clicking Noise from Front and/or Rear Wheels - (Jun 23, 2015)

**Subject:** Clicking Noise from Front and/or Rear Wheels

**Models:** 2014-2015 Chevrolet Corvette

**Attention:** This PI also applies to any of the above models that may be Export vehicles.



### Condition/Concern

Some customers may comment on a clicking noise emanating from either the front or rear wheels location. This condition may be more predominate at low speeds (10-20 mph or 16-32 km/h) during full wheel lock turns on dry clean pavement. The clicking noise is generally noted as approximately 1 to 4 clicks per wheel revolution.

This may be caused by interaction between the wheel mounting face and the wheel mounting surface on the brake rotor.

### Recommendation/Instructions

**Important:** Do NOT replace the wheels or brake rotors for this condition.

If you encounter a vehicle with the above concern, follow the procedure below.

1. Remove all four of the wheels. Refer to Tire and Wheel Removal and Installation in SI.
2. Clean all four of the wheels mounting surface as follows.
  - Using a clean cloth dampened with approved brake cleaner (ex. Part number 19287400 (US), 88901247 (Canada)) wipe the mounting surface of the wheel(s), removing any residual grey or black material that has accumulated on the wheel mounting surface.
3. Clean the wheel mounting surface of the brake rotors, or sometimes referred to as the brake rotor top hats, as follows.
  - Using a clean cloth dampened with approved brake cleaner (ex. Part number 19287400 (US), 88901247 (Canada)) wipe the wheels mounting surface of the rotor (brake rotor top hat) removing any residual grey or black material that has accumulated on the rotors.

**Note:** All cleaning must be done by hand, do NOT use pneumatic or power tools.

**Note:** During the cleaning process be sure to clean the rotor near the wheel pilot at the center of the rotor.

**Note:** All cleaning must be done by hand, do NOT use pneumatic or power tools.

4. Reinstall all four of the wheels using the original wheel nuts and torque specs (140 N·m or 104 lb ft). Refer to Tire and Wheel Removal and Installation in SI.

**Important:** Be sure wheels and rotors are thoroughly dry prior to installation.

### 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.

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Time</b>
8080168*	Clean Mating Surface of Wheels and Rotors Due to Clicking Noise	1.1 hrs
*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.		

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