



# Service Bulletin

File in Section: -

Bulletin No.: PIC6006

Date: June, 2014

## PRELIMINARY INFORMATION

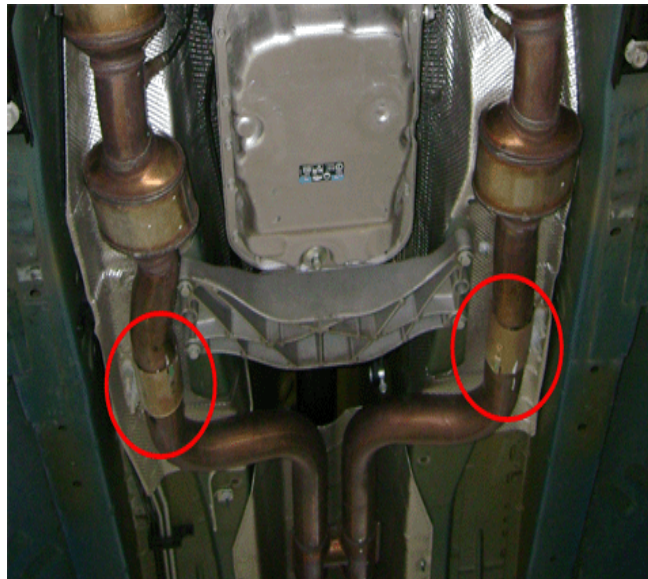
**Subject:** Rattle Noise From the Exhaust

**Models:** 2010 - 2014 Chevrolet Camaro

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Customers may comment on a rattle noise coming from their vehicle. Upon inspection, dealership technicians may have difficulty in determining where the source of this noise may be coming from. It may even sound like it originates from the transmission area, when in fact, it may be coming from the exhaust system. If a noise concern is being addressed from underneath the vehicle, dealership technicians are to first strike the exhaust system with a rubber mallet or a deadblow hammer and listen for the noise to occur. If a noise is heard, inspect the area of the exhaust where the two front exhaust band clamps join the front catalytic converter assembly to the rest of the exhaust system. See the photo below for the area of these clamps. These clamps have been circled for each bank.



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This joint is called a Torca coupling. In this coupling, a small alignment tab is welded onto the exhaust pipe. Then, a band clamp is positioned around the joint and slid towards the rear of the vehicle until a notch in the band clamp slides around this alignment tab. This assures that the clamp is properly positioned on the exhaust before it is tightened down. As this clamp is slid into position, another "J-shaped" piece of metal, referred to as a clip, slides up and over this alignment tab to "lock" this clamp into position on the pipe. The photo below shows what a normal coupling looks like. The red arrow points to the clip that hooks over the top of this alignment tab.



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In certain instances, a rattle noise may be heard coming from this coupling and there are 2 likely possibilities for this noise concern.

Concern 1) This J-shaped clip may rattle against the exhaust pipe causing the noise

Concern 2) The alignment tab that was originally welded on the exhaust pipe may have separated from the exhaust pipe and is now causing a rattle noise.

### **Recommendation/Instructions**

If a noise has been confirmed from this coupling, carefully inspect this area of the exhaust for any obvious damage or looseness in the related components. If nothing is found, bend the J-shaped clip away from the exhaust pipe. If the small alignment tab is found to be loose, completely remove it from the exhaust pipe. In most cases this can be accomplished with the use of a regular screwdriver. Make sure the J-shaped clip will no longer contact anything which may cause another rattle noise in the future.

See the photo below for an example of a repaired coupling.



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## Warranty Information

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

Labor Operation	Description	Labor Time
* 4080478	Reshape Exhaust Clip And Remove Alignment Pin	.5 hours
* This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.