



Technical Service Bulletin

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Rocker Lever Cover Interference Causing Injector Circuit Fault Codes: 322, 332, and 325	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- X12 CM2350 X119B
- X12 CM2450 X137B

Issue

Symptom:

- Fault codes: 322, 332, 325

Root Cause:

- Inside the rocker lever cover there is a potential for “nubs” made of excess flash from the injection molding process that can interfere with the injectors or injector wiring harness. This interference can lead to injector fault codes. See Figure 1 below for the location of the nubs.

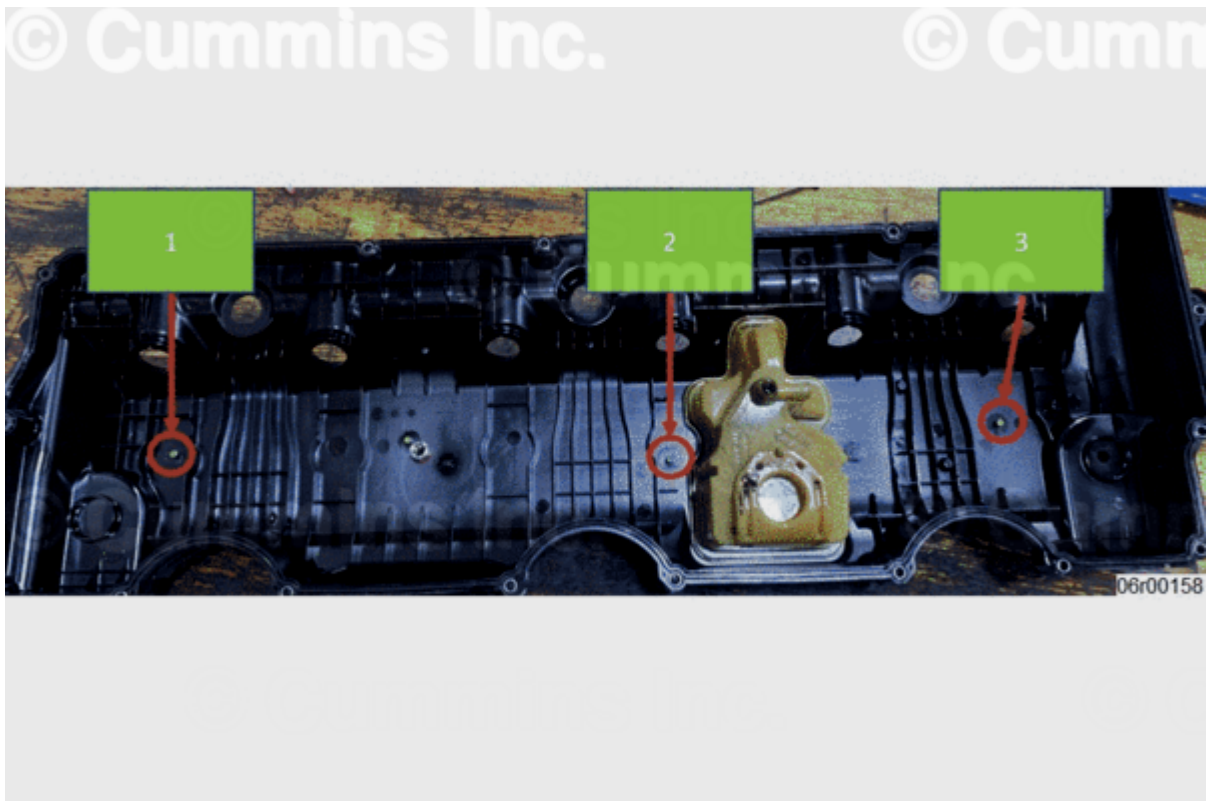


Figure 1, Interference Locations 1, 2, and 3

1. Is near cylinder 1
2. Is near cylinder 4
3. Is near cylinder 6

Verification

- If the rocker lever cover is interfering with the injector harness inspect for any indentations or breaks in the wiring harness
- With the rocker lever cover removed, use a paint pen to mark the nubs and install the rocker lever cover. Remove the rocker lever cover to see where signs of interference are present. See Figure 2 and Figure 3 below.

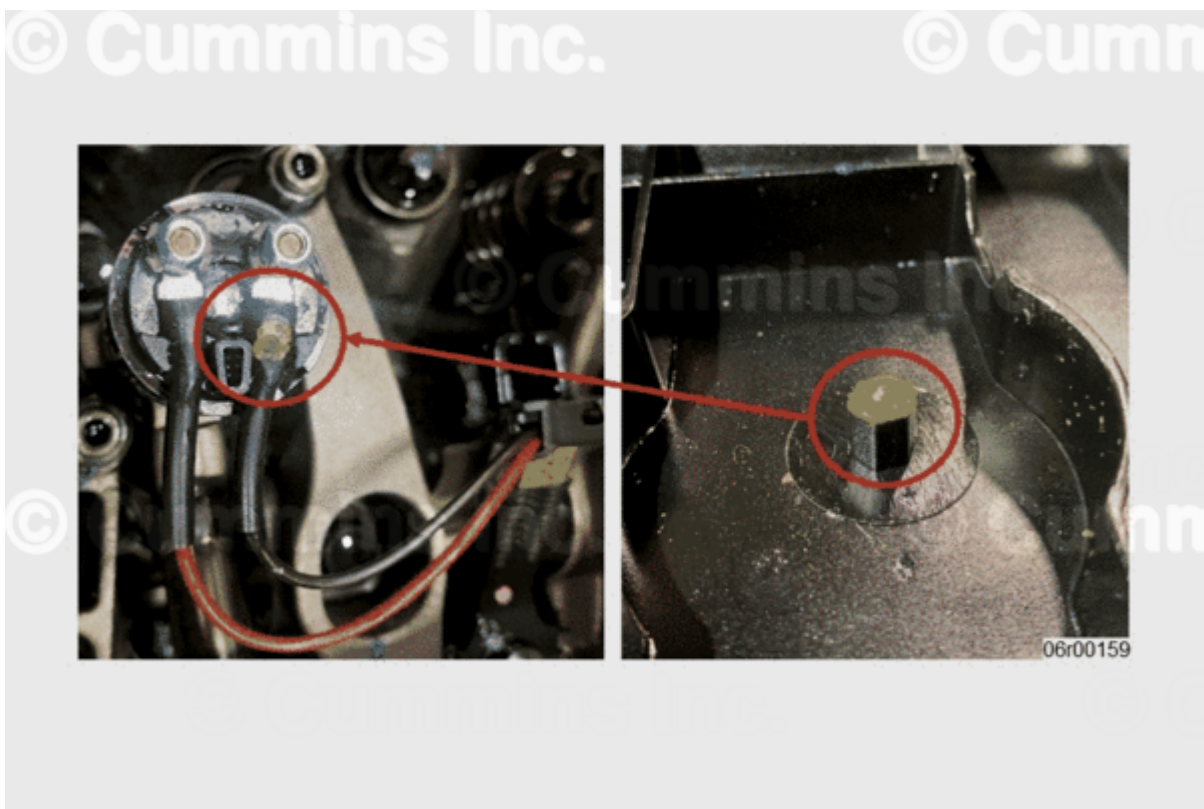


Figure 2, Evidence of Paint on Injector Wire Caused by Interference with Nub on Rocker Lever Cover.



Figure 3, Evidence of Paint on Injector Nut Caused by Interference with Nub on Rocker Lever Cover.

Resolution

- If the rocker lever cover is coming in contact with an injector or the injector wiring harness, remove all the nubs on the rocker lever cover.
- Preferred method of removal is cutting the nubs off as flush to the surface of the rocker lever cover as possible with end cutters and to avoid creating any kind of small debris that could get into the overhead system.
- If debris is generated from the removal process, verify that the rocker lever cover is thoroughly cleaned before installing on the engine.

Document History

Date	Details
2021-10-14	Module Created

Last Modified: 15-Oct-2021
