



# Technical Service Bulletin

<b>Technical Service Bulletin:</b> TSB210034	<b>Released Date:</b> 11-Feb-2021
<b>Engine Noise During First 160 km [ 100 miles ] of Engine Operation</b>	

## Engine Noise During First 160 km [ 100 miles ] of Engine Operation

### 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

Engine:

- L9 CM2450 L126B

Mileage and Kilometer Limitations:

- Unit is within first 160 km [ 100 miles ] of life

#### Issue

Symptom:

- Engine with complaint of knock (combustion clatter or pinging) during or after snap throttle and while returning to idle.

Root Cause:

- An audible fuel knock noise during the first 160 km [ 100 miles ] is a result of incomplete fueling adaption learning and is not an indication of a malfunction.
- As the vehicle is driven, the engine control module (ECM) will learn the injector characteristics and adjust fueling variables.

## Verification

- Verify the unit has less than 160 km [100 miles].
- Verify engine noise complaint during engine acceleration, deceleration, or returning to idle.

## Resolution

- Connect to the ECM with the recommended Cummins® electronic service tool or equivalent.
- Perform an injector reset using the recommended Cummins® electronic service tool or equivalent. See L9 CM2450 L126B Service Manual, Bulletin 5613077. Refer to Procedure 006-026 in Section 6 (</qs3/pubsys2/xml/en/procedures/583/583-006-026.html>).
- If noise is still present, perform a diagnostic road test, utilize a route that incorporates both stop and go city type driving and steady state highway type driving.

## Document History

Date	Details
2021-2-11	Module Created

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**Last Modified: 11-Feb-2021**

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