# Technical Service Bulletin

| **Technical Service Bulletin:** TSB260004 | **Released Date:** 14-Jan-2026 |
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| **Idle Misfire Due to Fuel Control Valve (FCV) Service Direction** | |

# Idle Misfire Due to Fuel Control Valve (FCV) Service Direction

## 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**

- B6.7N CM2380 B150B

**Issue Summary**

Symptom:

- Runs Rough or Misfires
- Fault Code 5914
- Fault Code 6413

Root Cause:

- Malfunctioning or damaged fuel control valve (FCV)

**Verification**

Verify unit has one of the listed fault codes or symptom:

- Runs Rough or Misfires at idle
- Fault Code 5914
- Fault Code 6413
- If fault code 5914 or 6413 occurred, review fault code snapshots to verify faults occurred at idle.

**Resolution**

Follow the Service Instructions.

**Service Instructions**

Follow the Service Instructions below step by step. All actions **must** be completed in order.

Complete a full data extraction on the engine.

1. Verify a good internet connection is available.

2. Connect the recommended Cummins® electronic service tool or equivalent to the ECM.

3. Select Advanced ECM Data. See Figure 1

Figure 1, Advanced ECM Data

4. Select ECM Data Extraction. See Figure 2.



Figure 2, ECM Data Extraction

5. Select Start Button at the bottom of the screen.

6. A progress bar will appear.

7. Once the data extraction is complete the status window will show the extraction was completed. See Figure 3.
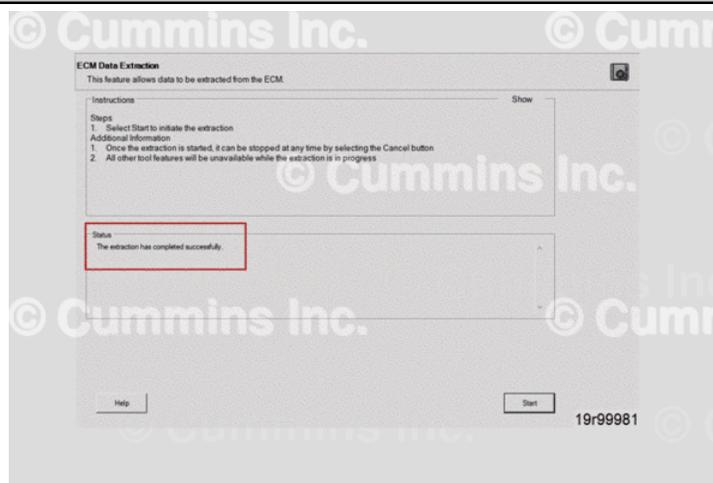


Figure 3, Extraction completed

8. Once the extraction has completed, proceed to the next step.

9. Capture an ECM Job Image with INSITE™ electronic service tool in .eif Format.

10. See Technical Service Bulletin, Instructions to Capture an ECM Job Image with INSITE™ Electronic Service Tool in .eif Format, TSB110081

11. Attach .eif ECM image to EDS or Guidanz Session for review.

12. Once Extraction is complete contact 1-800-Cummins and ask Cummins Care to review knowledge article 000118747.

## Document History

| Date | Details |
|---|---|
| 2026-1-12 | Module Created |

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