



# Technical Service Bulletin

**Technical Service Bulletin:** TSB190165

**Released Date:** 09-Jun-2020

**FC1866, FC3361, FC3382, FC3383, FC3389, and/or FC4729: Soot Deposits in the Intake Air Connection**

## FC1866, FC3361, FC3382, FC3383, FC3389, and/or FC4729: Soot Deposits in the Intake Air Connection

### 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

- B6.7 CM2350 B121B
- L9 CM2350 L116B
- L9 CM2350 L123B

#### Issue

Symptom:

- Active or multiple inactive counts of FC1866, FC3361, FC3382, FC3383, FC3389, and/or FC4729.

Root Cause:

- Soot deposits in the intake air connection exhaust gas entrance ports are present and have affected EGR flow measurements.
- Soot deposits in the intake air connection exhaust gas recirculation (EGR) differential pressure horizontal and vertical ports are present and have affected EGR flow measurements.

#### Verification

- Active or multiple inactive counts of FC1866, FC3361, FC3382, FC3383, FC3389, and/or FC4729.

#### Resolution

- For B6.7 CM2350 B121B, if ECM calibration code revision on unit was released prior to December 2018, calibrate the unit with the latest ECM calibration code revision. See B6.7

CM2350 B121B Service Manual, Bulletin 5411223. Refer to Procedure 019-032 (/qs3/pubsys2/xml/en/procedures/105/105-019-032.html) in Section 19.

- Thoroughly clean the intake air connection exhaust gas entrance ports and exhaust gas recirculation (EGR) differential pressure horizontal and vertical ports. See Service Bulletin, Exhaust Gas Recirculation (EGR) System Intake Air Connection Inspection and Cleaning Guidelines, Bulletin 5579934. (/qs3/pubsys2/xml/en/bulletin/5579934.html).
- Inspect the EGR differential pressure sensor. See corresponding Service Manual. Refer to Procedure 019-370 in Section 19.
  - If the EGR differential pressure sensor meets specifications according to published troubleshooting, do **not** replace the EGR differential pressure sensor. Verify the EGR differential pressure sensor is properly oriented and placed as removed when installed on the intake air connection.
- Follow the “Conditions For Clearing The Fault Code” section in corresponding fault code overview to validate the repair.
  - Verify fault code is no longer active. If fault code is still active, reference the corresponding fault code troubleshooting tree.

## Document History

Date	Details
2019-9-20	Module Created
2020-6-1	Updated title, product affected, issue, verification, and resolution sections.

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