



Technical Service Bulletin

Technical Service Bulletin: TSB180032	Released Date: 03-Aug-2021
Navistar® Air Compressor Hose Rupture: Fault Codes 125, 1866, 3361, 3382, 3389, and 4729	

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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

Engines:

- B6.7 CM2350 B121B
- B6.7 CM2450 B155B

Original Equipment Manufacturer (OEM):

- Navistar
- MVs
- IC Bus

Chassis Build Date:

- MVs and IC Busses built before 11 July 2021

Issue

Symptom:

- Air leak from air compressor inlet hose.
- FC3389: Measured EGR flow is **not** meeting commanded EGR flow.
- FC3361: Intake Manifold Pressure – Abnormal Rate of Change
- FC3382: Engine Exhaust Gas Recirculation (EGR) System – Data Valid But Below Normal Operating Range – Moderately Severe Level
- FC1866: Exhaust Gas Recirculation Differential Pressure – Data Erratic, Intermittent, or Incorrect
- FC4729: Intake Manifold Pressure – Below Normal Operating Range – Most Severe Level
- FC125: Intake Manifold 1 Pressure – Data Valid But Below Normal Operating Range
- Drop in boost may cause progressive damage to turbocharger compressor oil seal which causes seal to leak lubricating oil.

Root Cause:

- Zip tie retaining air governor lines is rupturing inlet hose of air compressor. (Navistar® Part Number 6132813c1 or 6132813c2)

Verification

- Verify ruptured air compressor hose is Navistar® Part Number 6132813c1 or 6132813c2.
- Verify there are no signs of lubricating oil leakage from turbocharger compressor oil seal.
- Reference Navistar iKnow article IK0900141 and IK1201362.
- See Figure 1, 2, and 3 below for location of ziptie and example of ruptured air compressor hose.



Figure 1, Air Compressor Hose Location.

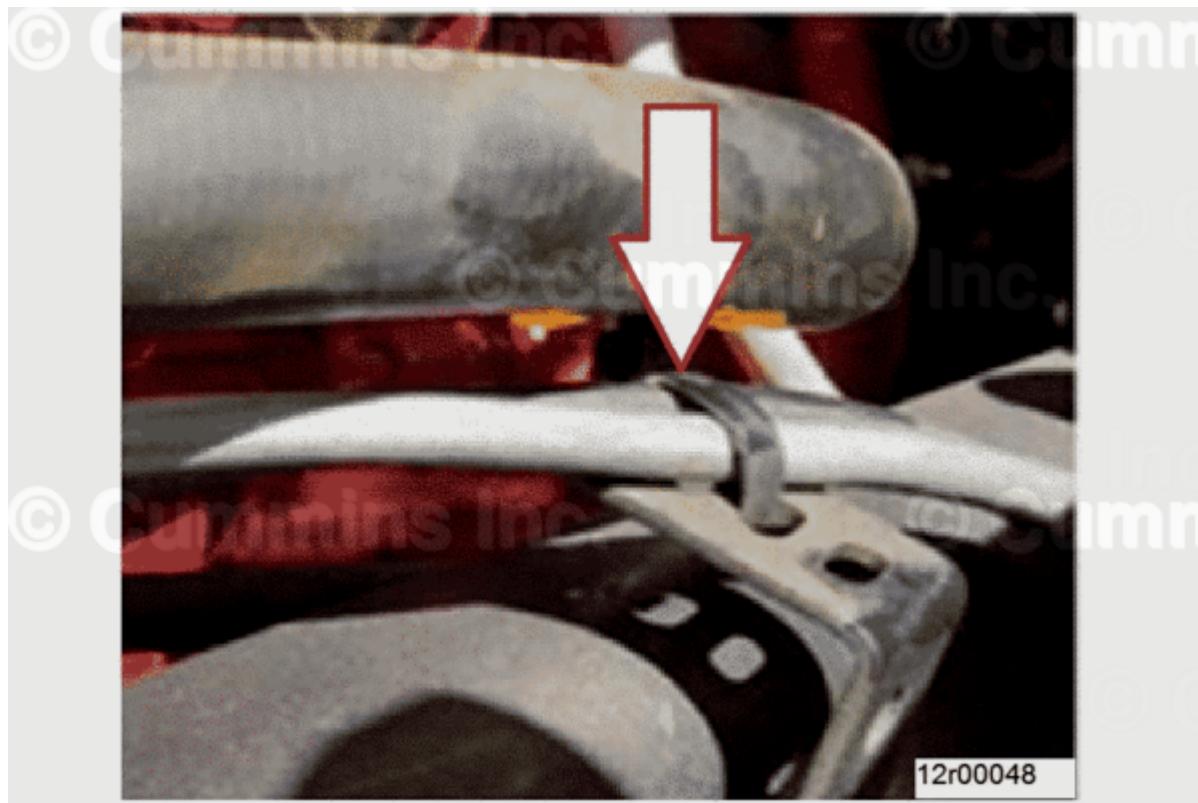


Figure 2, Ziptie Location.

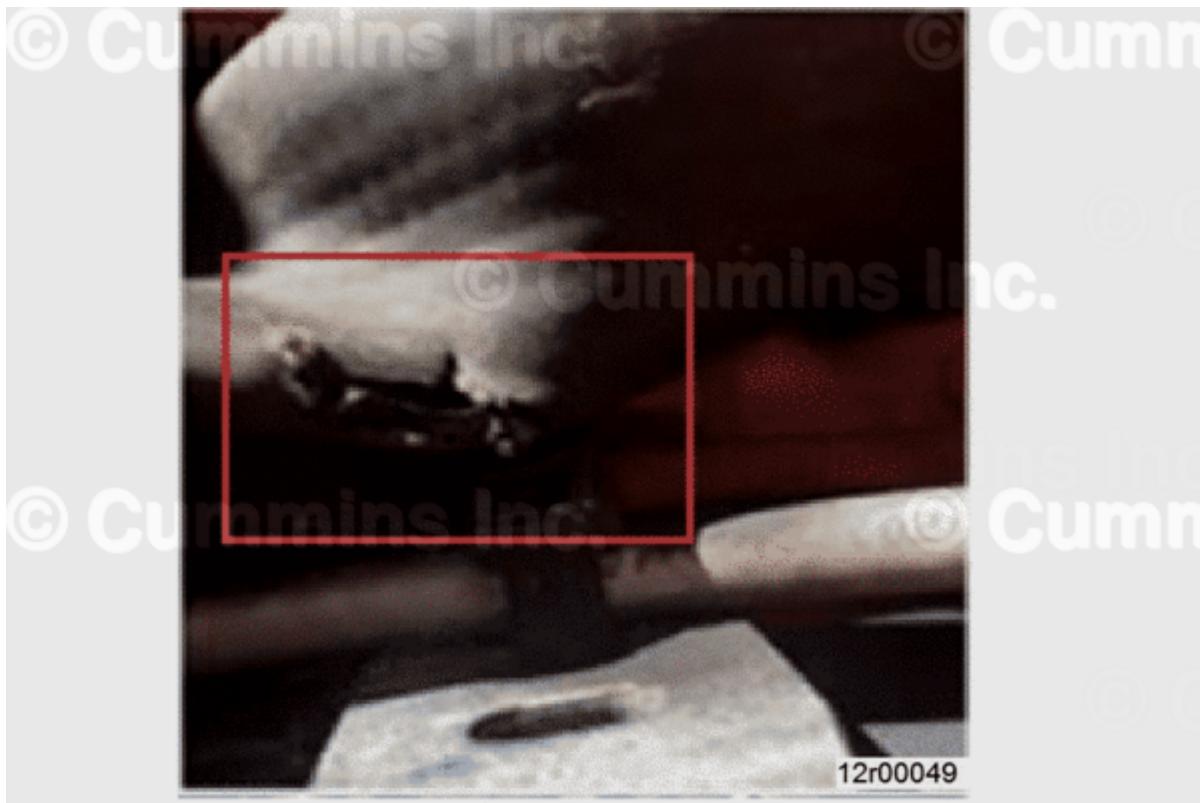


Figure 3, Example of Air Compressor Hose Rupture.

Resolution

- Reference Navistar iKnow article IK0900141 and IK1201362 for further instructions. Any malfunctions, consequential to air compressor hose leak, are **not** covered under Cummins Inc. Warranty. Repair locations are to contact Navistar® for further repair direction.

Document History

Date	Details
2018-3-14	Module Created
2019-8-9	Corrected iKnow reference number to IK1900254.

Date	Details
2020-6-1	Added fault codes, part numbers, and and IK1201362.
2021-7-1	Added Fault Codes 3382 and 1866 and IC Bus. Updated Chassis build date. Added IK0900141. Updated Resolution section.
2021-7-26	Added the B6.7 CM2450 B155B to Product Affected. Corrected Chassis Build Date from 6 November 2020 to 11 July 2021.

Last Modified: 03-Aug-2021
