Preview Solution CBR-2408-7

Volvo Chassis - VN (4) - Air Production Modulator (APM) DTC C10129B - High/Excessive Flow

Published 16 April 2025

Valid For
Volvo Chassis - VN (4)
Model Year - 2025 To Current

Introduction

This document provides guidance for addressing the APM DTC C10129B fault, "High/Excessive Flow" This fault was introduced by a previous APM software package and requires specific containment actions.

Symptom Description

DTC Code: C10129B
Description: "High/Excessive Flow" – APM (Air Production Modulator)
Cause: The DTC is triggered when the APM software continues to count flow metrics even after the engine is off. This occurs when certain nodes are in a "wake up mode."

IMPORTANT NOTICE

THIS PROCEDURE IS ONE-TIME USE ONLY!
DO NOT use this procedure to clear future faults.
FOR FUTURE FAULTS, YOU MUST USE GUIDED DIAGNOSTICS!
DO NOT use it more than once.
Failure to comply with these instructions may result in improper diagnosis and incorrect repair actions. Always follow the standard troubleshooting process for any future occurrences.

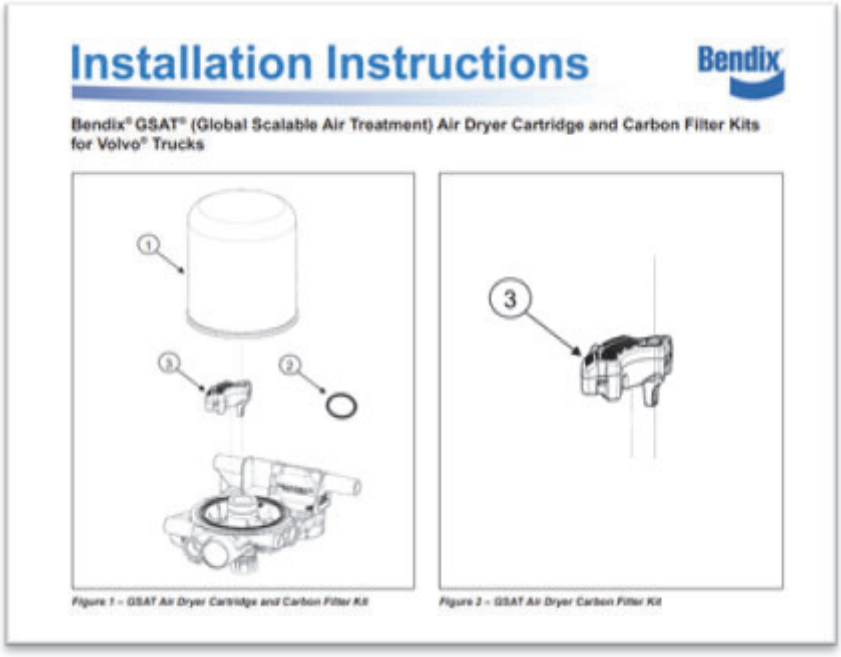
Corrective Action

Procedure

Live UI

1. Remove the air dryer filter.

- Verify that the o-ring (2, pictured below) is present. It should be located on the air dryer housing.



- If this o-ring is missing, replace the entire filter.
- Once the filter is replaced, allow the truck to run for 15-20 minutes.
- Verify that the fault code has been cleared.
- If the fault code remains, proceed to the following steps. If fault code cleared return the truck to service.

To address the issue and reset the Air Cartridge Maintenance Interval, perform the following steps:

1. **Run TT operation 5618-07-03-02**
   This operation resets the Air Cartridge Maintenance Interval, clearing the false readings caused by the software issue.
2. **Verify DTC Resolution**
   After completing the TT operation, verify that the DTC C10129B is no longer active.

IMPORTANT NOTICE

THIS PROCEDURE IS ONE-TIME USE ONLY!
DO NOT use this procedure to clear future faults.
FOR FUTURE FAULTS, YOU MUST USE GUIDED DIAGNOSTICS!
DO NOT use it more than once.
Failure to comply with these instructions may result in improper diagnosis and incorrect repair actions. Always follow the standard troubleshooting process for any future occurrences.

Live UI

Important Note

This procedure is a **temporary containment measure** specifically for trucks impacted by the earlier APM software issue.
DO NOT apply this procedure for future occurrences of DTC C10129B. For any future occurrences:

- Refer to the **Guided Diagnostics** for troubleshooting steps.
- If further assistance is needed, submit an **eService case** for technical support.

Related links and attachments

No links or attachments available

Share
to others that might find it helpful

Feedback
Give feedback
to help improve the content of this article

Live UI



Maintenance status

90 %	Remaining desiccant
0 km	Remaining service life
35 %	Usage of compressor

1 **Reset, Filter cartridge**

2 **Reset, Compressor**

5618-07-03-02 Air Dryer

Simulation

Information >> Conditions >> **Execution** >> Result

Information

The "Service life" parameter readout is only valid after at least 10% of the desiccant has been used.

Check the service life to decide if the air dryer cartridge should be replaced as preventive maintenance

Action

1

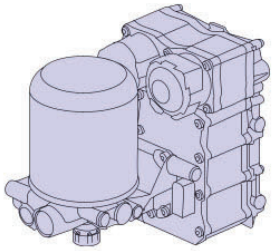
If the air drier filter cartridge has been replaced the service parameters must be reset by clicking Start

2

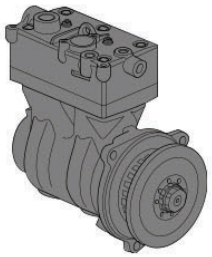
If the compressor has been replaced the service parameters must be reset by clicking start

Continue >

A177: Air Production Modulator



Compressor



5618-07-03-02 Air Dryer

Simulation

Information >> Conditions >> Execution >> Result

Purpose

Resetting of the air dryer service parameters, it is also possible to show the remaining service life

Description

Reset must be carried out when

- Compressor have been replaced
- Air leakage has been repaired
- Air dryer cartridge have been replaced

Continue > Cancel