

 Preview Solution CBR-2431-4

Volvo Chassis - VN (4) - Crank No Start or Engine Dying Issues

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Valid For

Volvo Chassis - VN(4)

Models built until 17 January 2025

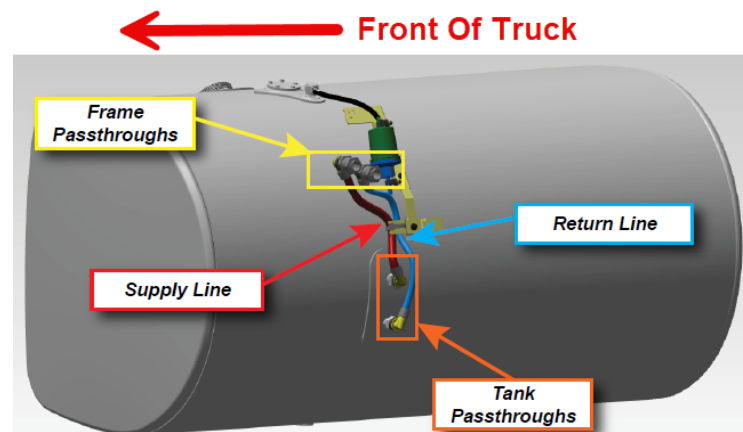
This CBR solution addresses crank no start and engine dying issues in some VN (4) models caused by an incorrect fuel line configuration and/or fuel line fitting not seated correctly.

1.0 Overview

This CBR solution addresses crank no start and engine dying issues caused by an incorrect fuel line configuration in some VN(4) models. In these instances, the truck may run out of fuel and lose prime while the fuel level gauge still displays 1/4 tank of fuel available.

This issue arises when the right-hand fuel tank supply and return fuel lines are improperly connected to the fuel tank. The suction and return lines may be mispositioned at the tank or frame pass-through. This problem may include a corresponding P008A00 fault code.

2.0 Procedure



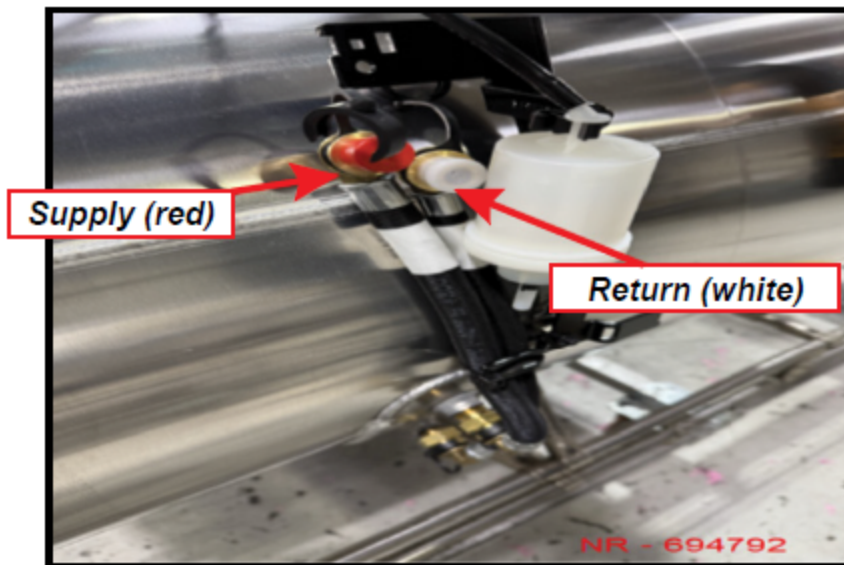
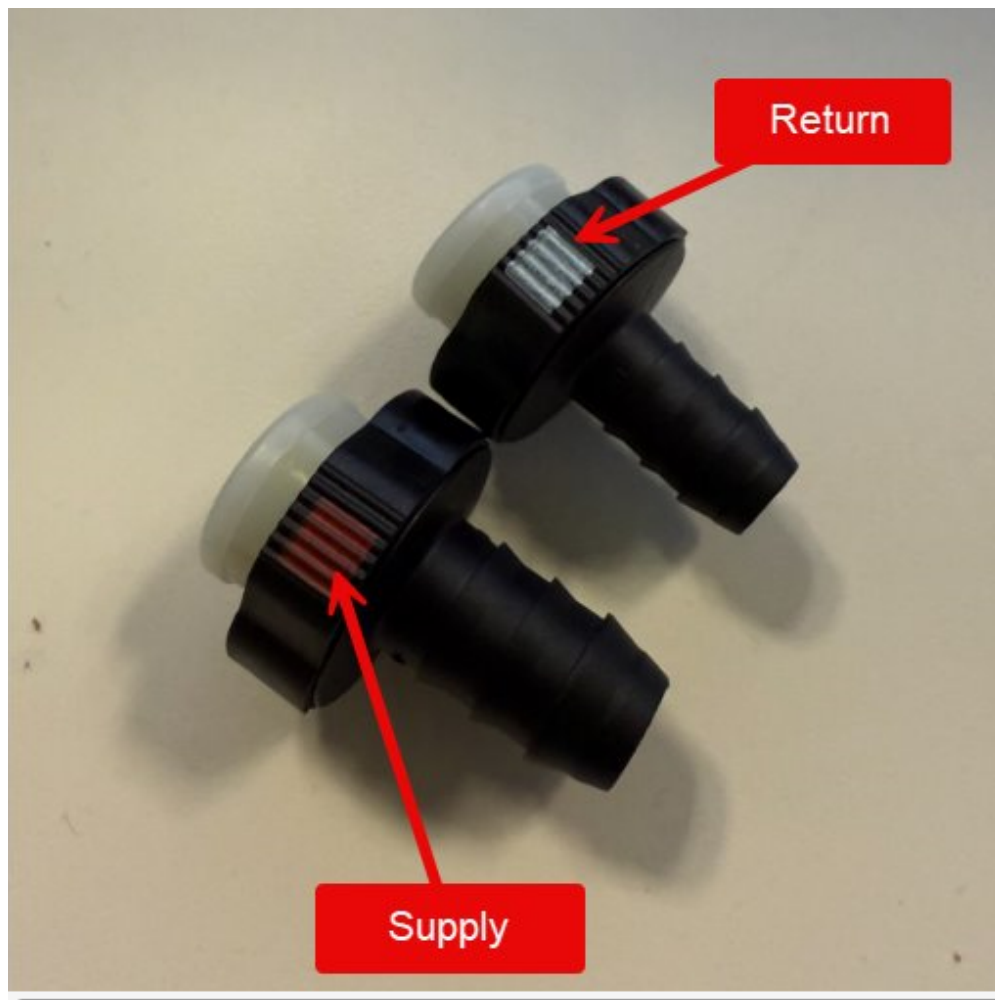
2.1 Verify the Correct Fuel Line Configuration

- Verify the correct fuel line routing using the following methods and the above image:

- » **The top-most tank passthrough must be routed to the front-most frame passthrough**

- » **The bottom-most tank passthrough must be routed to the rear-most frame passthrough**

NOTE: As pictured below, the Supply and Return lines are fitted with color coded caps and fittings. These color codings may be used to aid in verifying the correct routing.



2.2 Correct the Fuel Line Configuration

- If the fuel lines are determined to be mispositioned, reconfigure them to their correct positions (as outlined above)

2.3 Fuel line seated correctly

- Check all fuel connections to make sure they are completely seated. (see pictures below)

Correctly seated



Not seated correctly



2.4 Test the Vehicle

- After correcting the fuel line configuration, verify that the engine starts properly and operates without interruptions

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