



Volvo Chassis - Field Service Bulletin - FSB 293-027 EGR Mass Flow Rate Low - (SPN 2659 FMI 18 Or P0401)



> Internal Content

For more information refer to FSB 293-027 , EGR Mass Flow Rate Low - found in the Trucks Dealer Portal under the Service Tab - eMedia Center - Volvo [here](#).



Tags

[k52455976](#)

[p0401](#)

[mid 128 ems](#)

[spn 2659](#)

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FSB 293-027, EGR Mass Flow Rate Low

(January 2015)

This bulletin is released to address high counts of diagnostic trouble code (DTC) SPN 2659 FMI 18 or P0401 only during normal to high load driving conditions on vehicles assembled between January 2010 and December 2013.

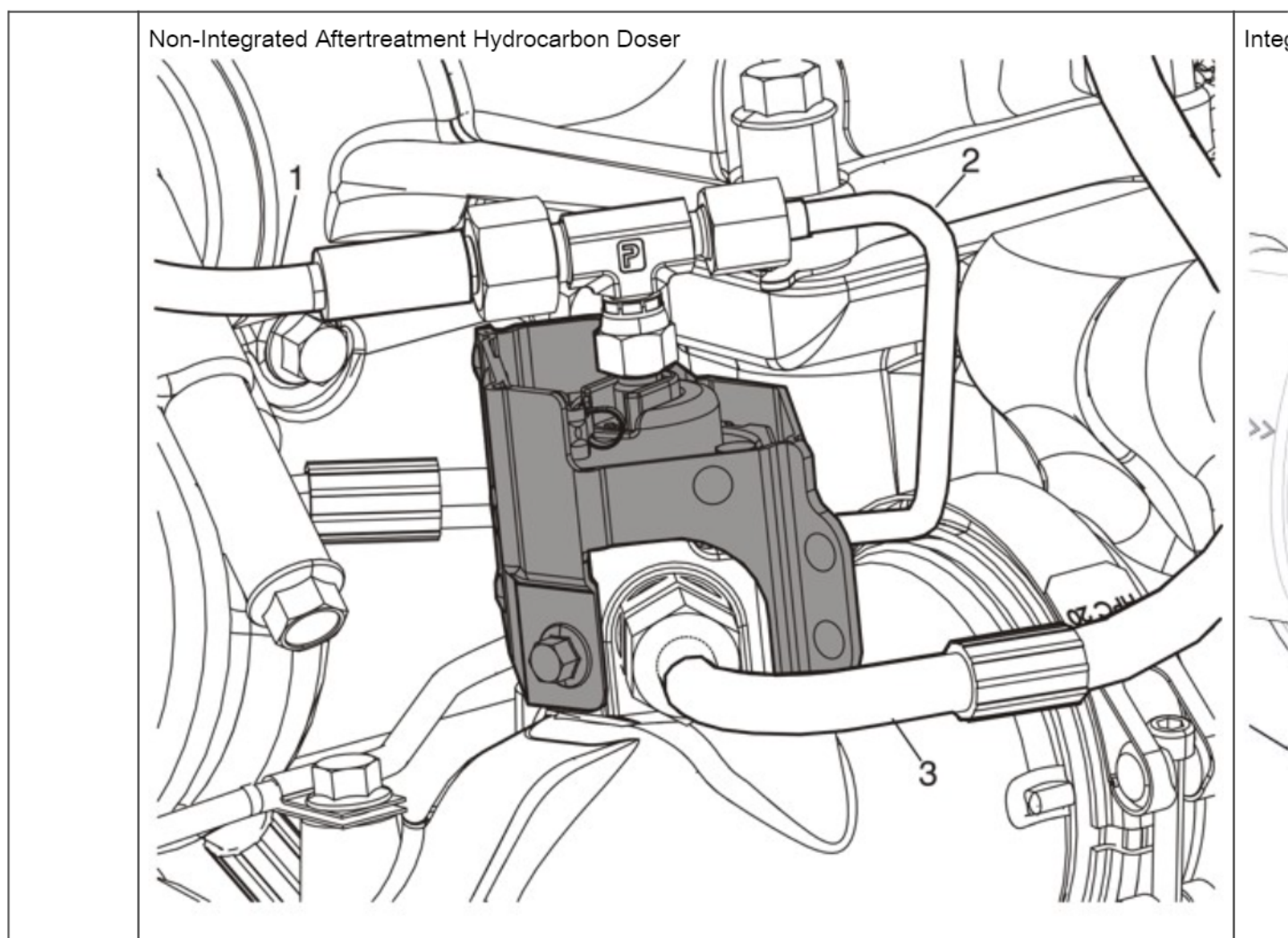
It has been determined that deposits in the EGR cooler can build up and cause high restriction over time. This high restriction prevents the required amount of EGR gas from flowing through the EGR cooler creating DTC SPN 2659 FMI 18 or P0401 EGR Mass Flow Rate Low to be logged intermittently. Normally, this is only reported on higher mileage vehicles.

Note: This bulletin only applies to vehicles that are performing normally and only reporting DTC SPN 2659 FMI 18 or P0401. If other EGR related codes or symptoms are reported, follow the diagnostics in premium tech tool (PTT).

Actions required:

- Use PTT to determine engine main software level and compare to applicable chart below. If engine main software is equal to or greater than the applicable software levels shown in the table below, no programming is required. If engine main software is below the levels shown, engine ECM programming is required.
- Replace the EGR cooler.
- Clear inactive DTC after all repairs are completed.

Engine Main Software



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Vehicles built from January 2010 to December 2012	22468501	2246
Vehicles built from January 2013 to December 2013	Not Applicable	2239

Note: Failure to update engine main software if required during a warrantable repair will result in claim denial.