

**EGR Mass Flow Rate Low**  
**D11H, D13H, D16H**  
**VAH, VHD, VN**

**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).

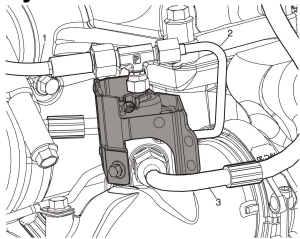
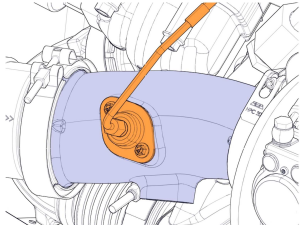
Service personnel: Please circulate, read and initial

Service Manager	Warranty Administrator	Workshop Foreman	Service Technicians						

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**

	<b>Non-Integrated Aftertreatment Hydrocarbon Doser</b> 	<b>Integrated Aftertreatment Hydrocarbon Doser</b> 
Vehicles built from January 2010 to December 2012	22468501	22468508
Vehicles built from January 2013 to December 2013	Not Applicable	22396799

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