

SB-10054715-3876

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Other Languages: NONE
Viewed: 435

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Coding Information

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Title: AFI Fuel Supply Line Rubbing SPN 3556 FMI 7 Codes After Dealer Service

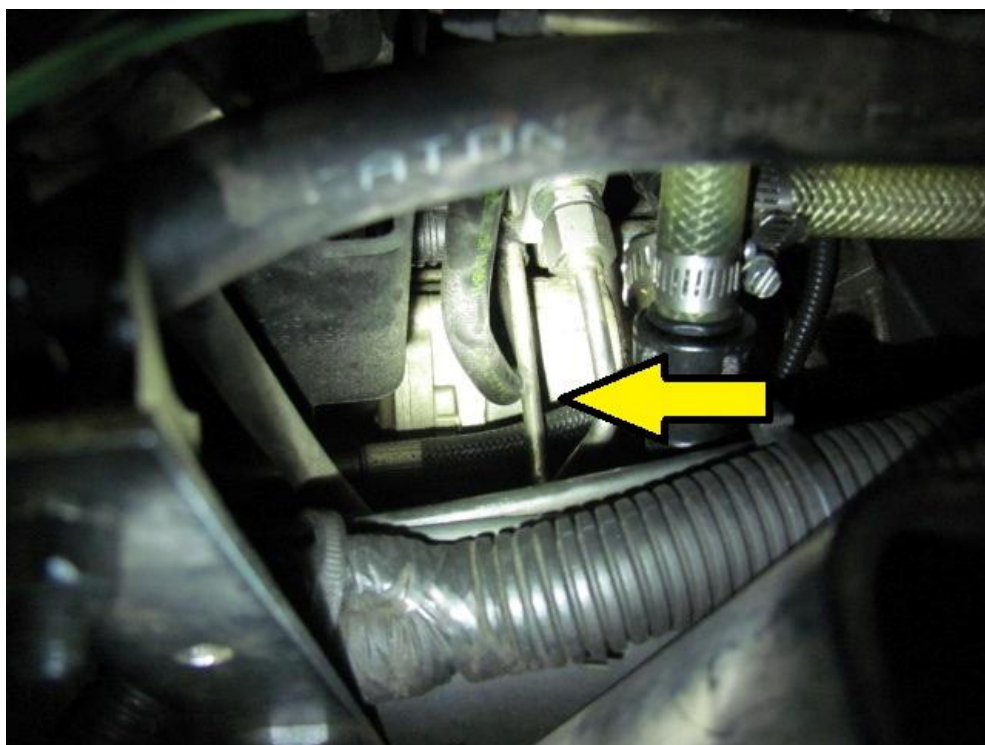
Applies To: EPA 2010 IBB MF 11/13/15L

DESCRIPTION

If the fuel lines are not routed correctly the AFI Fuel Supply line can rub through from the fuel system return line and cause regen issues or an inability to perform regens. Due to the ECM sensing a pressure issue in the line it will stop sending fuel to the AFI from the DSI so you will not see a fuel leak in the area. What you will see is a regen issue and aftertreatment temperatures not reaching the correct temp and eventually the ecm will abort the OBFCT.

NOTE:

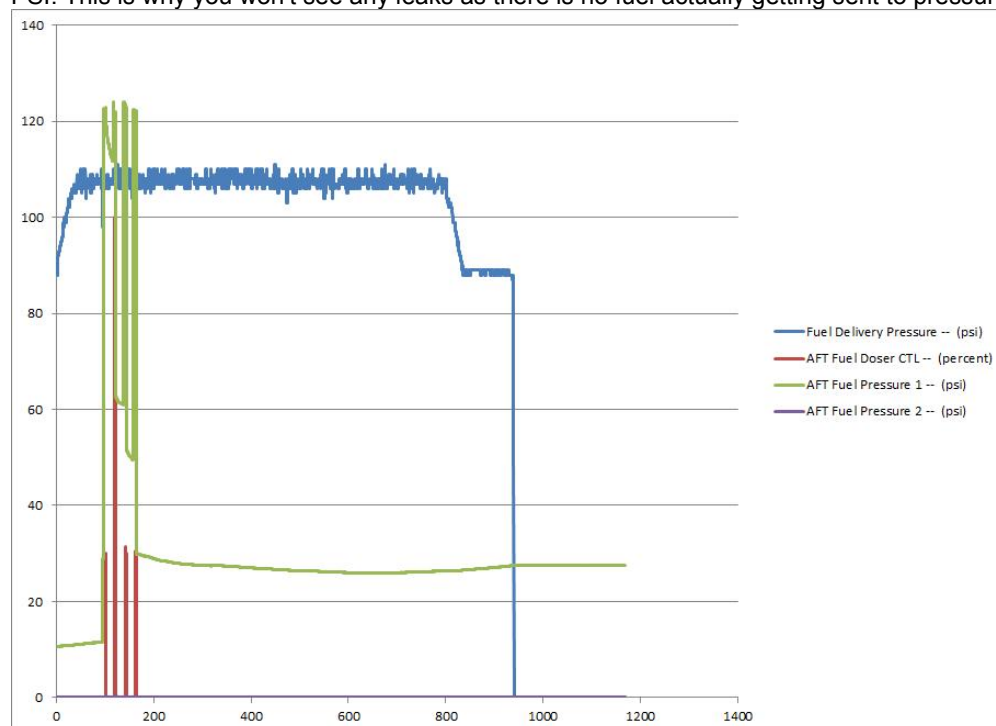
See how the fuel system return line is rubbing into the afi supply line.





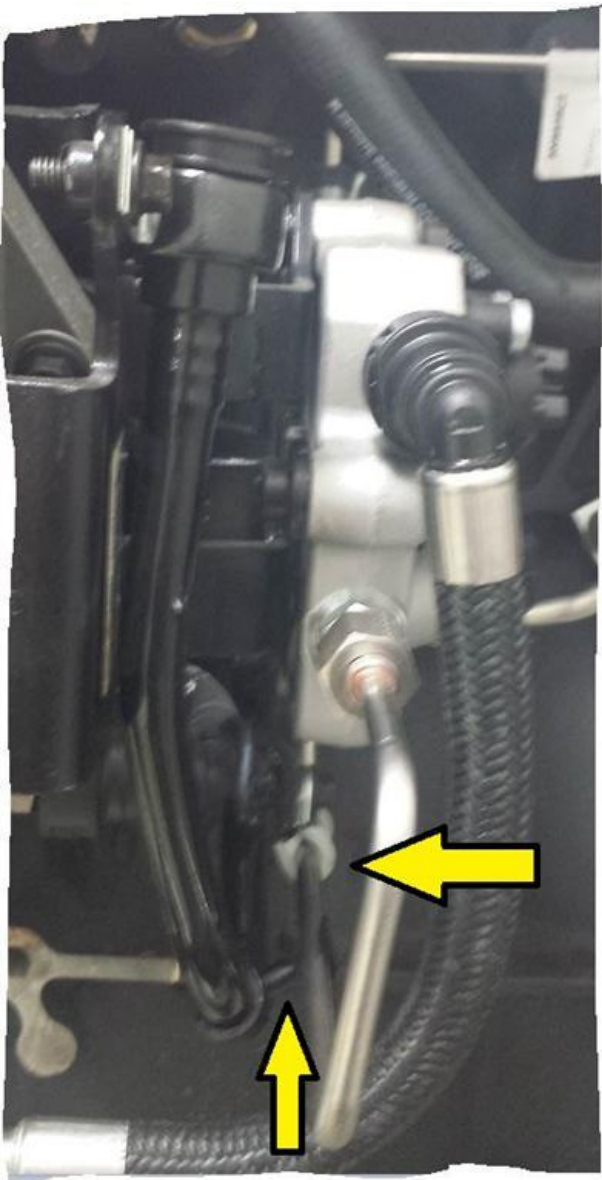
Example of a bad OBFCT with a hole in the AFI Fuel Supply Line

Notice AFT Fuel Doser CTL actuated 3 times to purge the air then went to 0 and AFT Fuel Pressure 2 never climbed off 0 PSI. This is why you won't see any leaks as there is no fuel actually getting sent to pressurize the line.



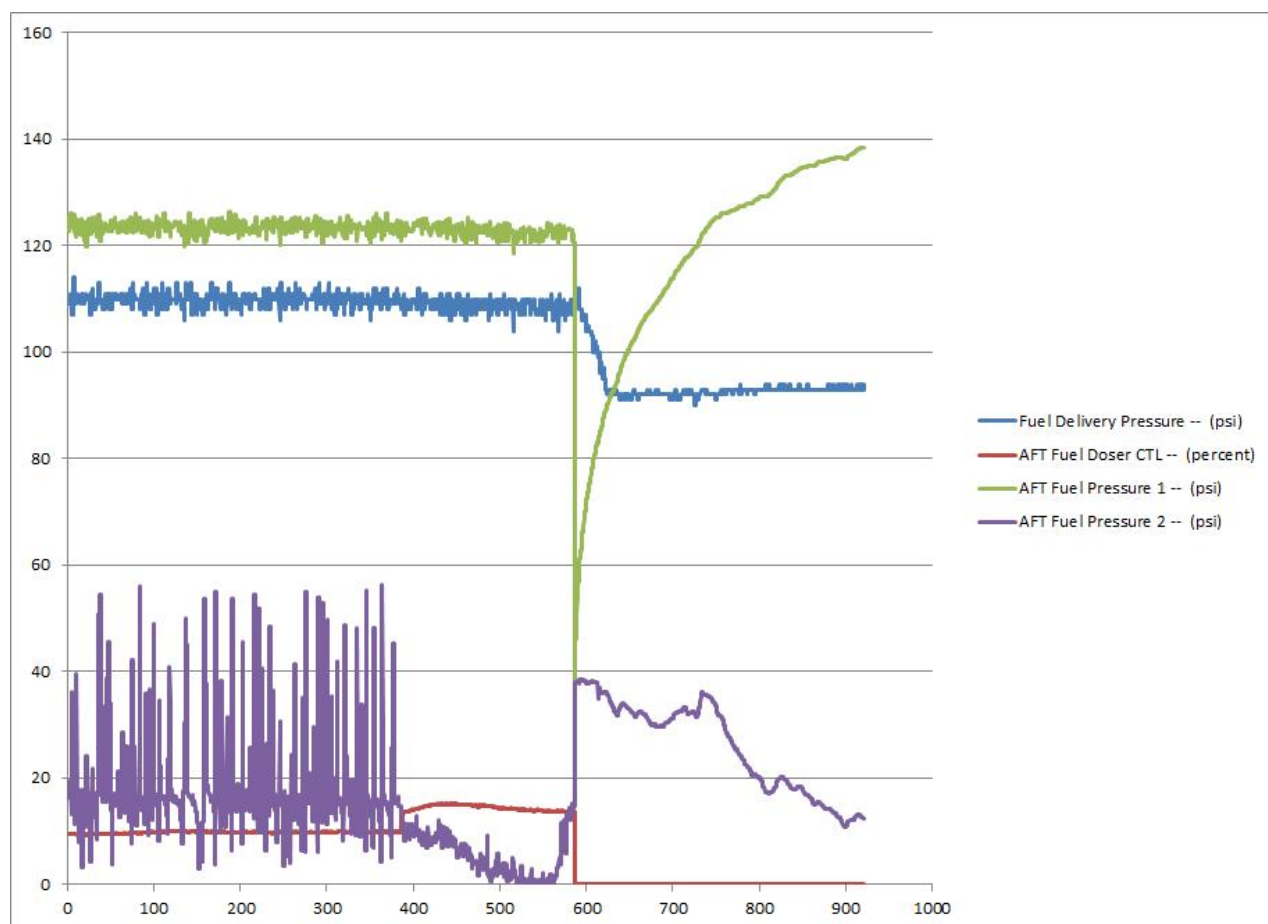
RESOLUTION

Need to inspect and verify that the afi supply line is secured to the AFI bracket with the P-Clip and that the line separator clip is installed on the return and afi line. Also, be sure the DSI supply line is not rubbing anything. See pic below.



Example of a good OBFCT after the AFI Fuel Supply Line was repaired

Notice the AFT Fuel Doser CTL actuated and stayed active and AFT Fuel Pressure 2 is working properly now.



PARTS INFORMATION

Part #	Description	Qty.
3005935C2	TUBE ASSY HYDROCARBON INJ FUEL	1

OTHER RESOURCES

- [0000001741 - MaxxForce 11 and 13 Engine Diagnostic Manual](#)
- [0000001682 - MaxxForce 11 and 13 Engine Service Manual](#)

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