



INFORMATION REDACTED
PURSUANT TO THE FREEDOM OF
INFORMATION ACT (FOIA), 5 U.S.C.
552(B)(6)

FUEL SMELL WHEN VEHICLE IS SHUT OFF FAULT CODE P045500 GROSS EVAP LEAK.
LI47.30-N-064126

Case no. [REDACTED]
Creation date 2017-01-25 14.01.19
Last Edit By [REDACTED]

Vehicle

Vehicle Model	MB-M1CA126
FIN	[REDACTED]
Mileage	0000604
Registration Date	2017-01-04
Engine No.	[REDACTED]
Transmission NO.	[REDACTED]
Production Date.	2016-02-20
Repair Attempts	1
Total Days Down	8

Dealer

Dealer Data		Contact Person	
Dealer Code	67227	Name	[REDACTED]
Name	MERCEDES-BENZ OF WILKES-BARRE	Email	[REDACTED]
Address	150 MOTORWORLD DRIVE	Phone No	[REDACTED]
	PA 18703 WILKES-BARRE	Fax No	
	United States	Mobile No	[REDACTED]

Attachments

Attached Date	File Name	Description
2017-01-26	447_M274_SEALING LIP FUEL FILLER FLAP.pdf	447 M274 SEALING LIP FUEL FILTER FLAP
2017-01-26	447_M274_FUEL-EVAP.pdf	447 M274 Fuel Evap
2017-01-25	XD STPIE 20170125 1251 Van447603 [REDACTED] Initial quick test with fault freeze frame data.PDF	Xentry-Initial Quick-Test-FreezeFrameDAT

Symptom

>Power generation>Fuel system>Fuel system odor>Odor

Measures Taken

Date:2017-01-31 17.12

Name:YADAMIA Status:Dts Closed

Communication To Dealer:

Two issues with this vehicle:\n-check engine light for evap code P045500\n-fuel smell when vehicle is shut off. \n\nREPLACED THE FUEL HOSE WITH P/N A274 070 35 00. ALSO CHECKED THE FILLER NECK AND FOUND THAT SEAL WAS INCORRECTLY SEATED AS SHOWN IN THE PICTURE. WHEN INSPECTED CLOSELY, IT DID NOT SEEM TO INTERFERE WITH THE FUEL CAP SEATING. DONT HAVE A PICTURE BECAUSE IT WAS FOUND BEFORE OPENING THIS CASE AND CORRECTED THE PROBLEM. AFTER REPLACING THE PURGE VALVE AND THE FUEL LINE, ROAD TESTED THIS VEHICLE SEVERAL TIMES OVER 70 MILES. NO FUEL LEAKS ARE PRESENT AND THE FAULT CODES DID NOT RETURN.

Date:2017-01-31 13.52

Name:D7MSEMON Status:Pm Effective/Close Req.

Date:2017-01-31 13.45

Name:RJONES0 Status:Dts Proposed Measure/Fbr

Communication To Dealer:

Scott, \nAs long as you have resolved all of the issues the truck came in with, you should return truck to customer. [REDACTED]

Date:2017-01-31 09.07

Name:D7MSEMON Status:Addl. Info Provided

Communication From Dealer:

I REPLACED THE FUEL HOSE WITH THE PART NUMBER PROVIDED. I ALSO CHECKED THE FILLER NECK AND FOUND THAT SEAL WAS INCORRECTLY SEATED AS SHOWN IN THE PICTURE. WHEN I INSPECTED IT CLOSELY IT DID NOT SEEM TO INTERFERE WITH THE FUEL CAP SEATING. I DO NOT HAVE A PICTURE BECAUSE I FOUND THIS BEFORE I OPED THIS CASE AND CORRECTED THE PROBLEM. AFTER REPLACING THE PURGE VALVE AND THE FUEL LINE I ROAD TESTED THIS VEHICLE SEVERAL TIMES OVER 70 MILES. NO FUEL LEAKS ARE PRESENT AND THE FAULT CODES DID NOT RETURN. PLEASE ADVISE IF THIS VEHICLE CAN BE RETURNED TO CUSTOMER. THANKS

Date:2017-01-26 15.17

Name:ABODJAN Status:Dts Addl. Info Requested

Proposed Measure:

To address code P045500:\n-See attached PDF titled 447_M274_SEALING LIP FUEL FILLER FLAP and ensure that the fuel filler neck is seated properly, if not please take pictures of the filler neck in its in-correctly seated position and note the following: VIN, mileage and date.\n-Please see attached file titled 447 M274 FUEL-EVAP System and follow PDF (IN EXACT SEQUENCE OF PDF) to ensure that all connections are fitted properly and not leaking.\n-Update case with results.\n\nTo address the fuel leak:\n-Please inspect the low pressure fuel feed line to the High Pressure fuel pump in the area where the rubber is crimped to the metal line. If you are not able to find an active fuel leak there may be signs of staining from the fuel leaking down underneath the fuel feed line.\n-If the low pressure fuel feed line is confirmed leaking, I recommend replacing the Fuel Feed line with P/N: A274 070 35 00 or most updated part per EPC and associated clamps.

Internal Comments:

Two related issues in this case: Issue ID [REDACTED] and [REDACTED]

Communication To Dealer:

Hello Scott,\nI think that you have two separate issues going on. I have updated the case with a proposed measure to address the evap leak code, and a proposed measure to address the fuel leak.\n\nRegards, [REDACTED]

Date:2017-01-26 14.23
Name:D7MSEMON Status:Addl. Info Provided Communication From Dealer: REPLACED PURGE VALVE, CLEARED ALL FAULT CODES. CLEAN OFF AREA OF FUEL SMELL. ROAD TESTED SEVERAL TIMES WHILE MONITORING FOR FUEL ODOR TO RETURN. COULD NOT DUPLICATE UNTIL VEHICLE SAT OUTSIDE AND ENGINE COOLED DOWN. FUEL ODOR RETURNED AND REINSPECTED WITH ENGINE RUNNING FOUND FUEL LEAKING AT AREA OF HIGH PRESURE PUMP
Date:2017-01-25 14.28
Name:EWIERMA Status:Dts Addl. Info Requested
Date:2017-01-25 14.28
Name:EWIERMA Status:Dts Addl. Info Requested Communication To Dealer: Dealer advised to replace purge valve.
Date:2017-01-25 14.12
Name:D7MSEMON Status:Submitted By Dealer Measures Performed / Technical Question(s): PERFORMED VISUAL INSPECTION FOR FUEL LEAKS NONE FOUND. Parts Replaced: NONE
Date:2017-01-25 14.01
Name:D7MSEMON Status:Draft Workshop Findings: FUEL SMELL IN AREA OF PURGE VALVE. NO LEAKS VISABLE.

Workshop Findings

Date:2017-01-25 14.01
Name:D7MSEMON Status:Draft Workshop Findings: FUEL SMELL IN AREA OF PURGE VALVE. NO LEAKS VISABLE.

Case History

Date:2017-01-31 17.12
Name:YADAMIA Status:Dts Closed Communication To Dealer: Two issues with this vehicle:\n-check engine light for evap code P045500\n-fuel smell when vehicle is shut off. \n\nREPLACED THE FUEL HOSE WITH P/N A274 070 35 00. ALSO CHECKED THE FILLER NECK AND FOUND THAT SEAL WAS INCORRECTLY SEATED AS SHOWN IN THE PICTURE. WHEN INSPECTED CLOSELY, IT DID NOT SEEM TO INTERFERE WITH THE FUEL CAP SEATING. DONT HAVE A PICTURE BECAUSE IT WAS FOUND BEFORE OPENING THIS CASE AND CORRECTED THE PROBLEM. AFTER REPLACING THE PURGE VALVE AND THE FUEL LINE, ROAD TESTED THIS VEHICLE SEVERAL TIMES OVER 70 MILES. NO FUEL LEAKS ARE PRESENT AND THE FAULT CODES DID NOT RETURN.
Date:2017-01-31 17.04
Name:YADAMIA Status:Researching
Date:2017-01-31 13.52
Name:D7MSEMON Status:Pm Effective/Close Req.

Date:2017-01-31 13:52

Name:D7MSEMON Status:Pm Effective/Close Req.

Quality Rating:

Not Prepared

Date:2017-01-31 13.45

Name:RJONES0 Status:Dts Proposed Measure/Fbr

Communication To Dealer:

Scott, \nAs long as you have resolved all of the issues the truck came in with, you should return truck to customer. [REDACTED]

Date:2017-01-31 13.41

Name:RJONES0 Status:Researching

Date:2017-01-31 09.07

Name:D7MSEMON Status:Addl. Info Provided

Communication From Dealer:

I REPLACED THE FUEL HOSE WITH THE PART NUMBER PROVIDED. I ALSO CHECKED THE FILLER NECK AND FOUND THAT SEAL WAS INCORRECTLY SEATED AS SHOWN IN THE PICTURE. WHEN I INSPECTED IT CLOSELY IT DID NOT SEEM TO INTERFERE WITH THE FUEL CAP SEATING. I DO NOT HAVE A PICTURE BECAUSE I FOUND THIS BEFORE I OPED THIS CASE AND CORRECTED THE PROBLEM. AFTER REPLACING THE PURGE VALVE AND THE FUEL LINE I ROAD TESTED THIS VEHICLE SEVERAL TIMES OVER 70 MILES. NO FUEL LEAKS ARE PRESENT AND THE FAULT CODES DID NOT RETURN. PLEASE ADVISE IF THIS VEHICLE CAN BE RETURNED TO CUSTOMER. THANKS

Date:2017-01-31 09:07

Name:D7MSEMON Status:Addl. Info Provided

Quality Rating:

Not Prepared

Date:2017-01-26 15.17

Name:ABODJAN Status:Dts Addl. Info Requested

Proposed Measure:

To address code P045500:\n-See attached PDF titled 447_M274_SEALING LIP FUEL FILLER FLAP and ensure that the fuel filler neck is seated properly, if not please take pictures of the filler neck in its in-correctly seated position and note the following: VIN, mileage and date.\n-Please see attached file titled 447 M274 FUEL-EVAP System and follow PDF (IN EXACT SEQUENCE OF PDF) to ensure that all connections are fitted properly and not leaking.\n-Update case with results.\n\nTo address the fuel leak:\n-Please inspect the low pressure fuel feed line to the High Pressure fuel pump in the area where the rubber is crimped to the metal line. If you are not able to find an active fuel leak there may be signs of staining from the fuel leaking down underneath the fuel feed line.\n-If the low pressure fuel feed line is confirmed leaking, I recommend replacing the Fuel Feed line with P/N: [REDACTED] or most updated part per EPC and associated clamps.

Internal Comments:

Two related issues in this case: Issue ID [REDACTED] and [REDACTED]

Communication To Dealer:

Hello Scott,\nI think that you have two separate issues going on. I have updated the case with a proposed measure to address the evap leak code, and a proposed measure to address the fuel leak.\n\nRegards, [REDACTED]

Date:2017-01-26 14.42

Name:ABODJAN Status:Researching

Date:2017-01-26 14.23
Name:D7MSEMON Status:Addl. Info Provided Communication From Dealer: REPLACED PURGE VALVE, CLEARED ALL FAULT CODES. CLEAN OFF AREA OF FUEL SMELL. ROAD TESTED SEVERAL TIMES WHILE MONITORING FOR FUEL ODOR TO RETURN. COULD NOT DUPLICATE UNTIL VEHICLE SAT OUTSIDE AND ENGINE COOLED DOWN. FUEL ODOR RETURNED AND REINSPECTED WITH ENGINE RUNNING FOUND FUEL LEAKING AT AREA OF HIGH PRESURE PUMP
Date:2017-01-26 14.23
Name:D7MSEMON Status:Addl. Info Provided Quality Rating: Not Prepared
Date:2017-01-25 14.28
Name:EWIERMA Status:Dts Addl. Info Requested
Date:2017-01-25 14.28
Name:EWIERMA Status:Dts Addl. Info Requested Communication To Dealer: Dealer advised to replace purge valve.
Date:2017-01-25 14.22
Name:EWIERMA Status:Researching
Date:2017-01-25 14.12
Name:D7MSEMON Status:Submitted By Dealer Measures Performed / Technical Question(s): PERFORMED VISUAL INSPECTION FOR FUEL LEAKS NONE FOUND. Parts Replaced: NONE
Date:2017-01-25 14:12
Name:D7MSEMON Status:Submitted By Dealer Quality Rating: Not Prepared
Date:2017-01-25 14.01
Name:D7MSEMON Status:Draft Workshop Findings: FUEL SMELL IN AREA OF PURGE VALVE. NO LEAKS VISABLE.

Condition Data
Misc:
Vehicle Driveable
Fault reproducible
Repeat Repair

Control Unit/Fault Code						
Control Unit	Fault C0de	Description	Part Number	HW Version	SW Version	Diagnostic Variant

Group/SubGroup	
Group	Sub Group
(47)Fuel system	(30)Fuel evaporation control system

Hand Off					
First Contact Attempt	Appointment Date	On Site Date	Confirmed With	Hand off Rating	Hand Off Comment
					Two related issues in this case: Issue ID [REDACTED] and [REDACTED].