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September 18, 2012

**TO:** All U.S. Ford and Lincoln Dealers

**SUBJECT:** **DEMONSTRATION / DELIVERY HOLD – Safety Recall 12S40 - Supplement #1**  
Certain 2012 Model Year Edge Vehicles Equipped with 2.0L Engine  
Fuel Line Inspection and Replacement

**REF:** **Safety Recall 12S40**  
Dated September 6, 2012

**New! REASON FOR THIS SUPPLEMENT**

- Provide repair instructions for installing a new fuel line.
- Announce that parts to replace the fuel line are available in limited supply and provide details of the seed stock plan.
- Notify dealers that interim repair (Labor Operation 12S40J) will no longer be authorized for inspections performed after September 24, 2012.
- Provide claim information to ensure full payment to dealers, including when an interim repair was performed.

**AFFECTED VEHICLES**

Certain 2012 model year Edge vehicles equipped with the 2.0L engine built at the Oakville Assembly Plant from September 2, 2010 through October 31, 2011. Affected vehicles are identified in OASIS. In addition, for a list of vehicles assigned to your dealership, visit <https://web.fsavinlists.dealerconnection.com>. This information will be available on September 6, 2012.

**REASON FOR THIS SAFETY RECALL**

In some of the affected vehicles, the fuel line assembly may experience a crack in the housing of the pulse damper. A cracked housing may result in a combination of fuel odor, weepage, or a continuous leak while the fuel system is pressurized. A fuel leak in the presence of an ignition source could result in a fire.

**SERVICE ACTION**

Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to check the tag on the fuel/brake line bundle assembly and perform the following:

- If the sequence number is within the suspect range, or the tag is not fully readable or is missing, replace the fuel line.
- If the sequence number is not within the suspect range, return the vehicle to the owner as no further repair is necessary.

This service must be performed on all affected vehicles at no charge to the vehicle owner.

**OWNER NOTIFICATION MAILING SCHEDULE**

Owner Letters are expected to be mailed the week of September 24, 2012. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

**PLEASE NOTE:**

**Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$6,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.**

**New! ATTACHMENTS**

- Attachment I: Administrative Information*
- Attachment II: Labor Allowances and Parts Ordering Information*
- Attachment III: Technical Information*
- Owner Notification Letter

**New! QUESTIONS & ASSISTANCE**

- Special Service Support Center (Dealer Assistance Only) ..... 1-800-325-5621
- Special Service Support Center (Parts Ordering) ..... 1-800-207-2444

Sincerely,



Michael A. Berardi

**DEMONSTRATION / DELIVERY HOLD – Safety Recall 12S40 - Supplement #1**  
Certain 2012 Model Year Edge Vehicles Equipped with 2.0L Engine  
Fuel Line Inspection and Replacement

**OASIS ACTIVATED?**

Yes, OASIS will be activated on September 6, 2012.

**FSA VIN LIST ACTIVATED?**

Yes, FSA VIN list will be available through <https://web.fsavinlists.dealerconnection.com> on September 6, 2012. Owner names and addresses will be available by October 12, 2012.

**NOTE:** Your FSA VIN list may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall.

**STOCK VEHICLES**

Correct all affected units in your new vehicle inventory before delivery.

**SOLD VEHICLES**

- Owners of affected vehicles will be directed to dealers for repairs.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.

**TITLE BRANDED / SALVAGED VEHICLES**

Affected title branded and salvaged vehicles are eligible for this recall.

**RELATED DAMAGE**

If a related damage condition exists that you believe to be caused by the covered condition, call the Special Service Support Center to request approval **prior** to the repair of any related damage. Requests for approval after completion of the repair will not be granted. Ford Motor Company reserves the right to deny coverage for related damage in cases where the vehicle owner has not had this recall performed on a timely basis.

**ADDITIONAL LABOR TIME**

- If a condition exists that requires additional labor to complete the repair, call the Special Service Support Center to request approval **prior** to performing any additional labor. Requests for approval after completion of the repair will not be granted.
- If you encounter aftermarket equipment or modifications to the vehicle which might prevent the repair of the covered condition, call the Special Service Support Center.

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Certain 2012 Model Year Edge Vehicles Equipped with 2.0L Engine  
Fuel Line Inspection and Replacement

**New!** **RENTAL VEHICLES**

- If a customer's vehicle requires a fuel line replacement and it is necessary to order parts, Ford will pay for a vehicle rental, related insurance, surcharge, and tax. Fuel will be at the owner's expense. This is a very specific exception to apply **only to 12S40**.
- Due to the unique circumstances of 12S40, maximum daily rental rate has been increased to \$36.00 a day to cover costs associated with the vehicle and insurance, when required. This is a very specific exception to apply **only to 12S40**.
- *Rentals will only be reimbursed for the day the vehicle is at the dealership waiting for parts. Prior approval for more than one rental day is required from the Special Service Support Center (1-800-325-5621).*

**New!** **CLAIMS PREPARATION AND SUBMISSION**

- Enter claims using Direct Warranty Entry (DWE).
- Refer to ACESII manual for claims preparation and submission information.
- Related damage must be claimed on a repair line that is separate from the repair line on which the FSA is claimed. Related damage requires prior approval from the Special Service Support Center.
- "MT" labor should be submitted on a separate repair line with the related damage flag checked. "MT" labor requires prior approval from the Special Service Support Center.
- For rental vehicle claiming, enter the total amount of the rental expense (including related insurance, surcharge, and tax) under Miscellaneous Expense code "Rental". (*Ensure approval code is included if rental is for more than one day.*)
- *All rental costs must be submitted on same repair line as repair.*
- *If an interim repair (12S40J) was performed, it must be submitted and paid before the final repair (12S40B) is submitted for payment. Labor operation 12S40B is a final repair and will close the safety recall for the specified VIN.*

**DEMONSTRATION / DELIVERY HOLD – Safety Recall 12S40 - Supplement #1**

Certain 2012 Model Year Edge Vehicles Equipped with 2.0L Engine

Fuel Line Inspection and Replacement

**New! LABOR ALLOWANCES****Passed Inspection**

Description	Labor Operation	Labor Time
Inspect the tag on the fuel/brake line bundle assembly and return the vehicle to the owner as no further repair is necessary.	12S40A	0.2 Hours

**Did Not Pass Inspection and Parts ARE Available**

Description	Labor Operation	Labor Time
Install new fuel line. (Includes time to inspect the tag.) <i>Note: Also includes time to put the vehicle on the hoist twice to accommodate the need to order parts.</i>	12S40B	1.0 Hours

**Did Not Pass Inspection and Parts ARE NOT Available**

Description	Labor Operation	Labor Time
Inspect the tag on the fuel/brake line bundle assembly and “ground” the vehicle. <b>NOTE: This is an interim action only and will not close Safety Recall 12S40. This labor operation will only be eligible for claims with an inspection date of September 24, 2012 or prior.</b>	12S40J	0.2 Hours

**New! PARTS REQUIREMENTS / ORDERING INFORMATION**

Part Number	Description	Quantity
DT4Z-9S317-A	Fuel Line Kit	1
W708748-S439	Cross Brace Bolts (package of 4 bolts)	2 bolts per vehicle

The DOR/COR number for this recall is 50484.

Since an inspection is required to determine if the fuel line needs to be replaced, there will be a one-time seed stock of part numbers DT4Z-9S317-A and W708748-S439 to dealers with four or more assigned VINS the week of September 17, 2012. Each dealer will receive parts equal to approximately 25% of the vehicles assigned to them on their FSA VIN list.

Dealers will need to access <https://web.fsavinlists.dealerconnection.com> to determine the total number of affected vehicles assigned to their dealership in order to calculate the number of parts that they will receive under the Seed Stock Program.

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**PARTS REQUIREMENTS / ORDERING INFORMATION (Continued)**

*After this initial seed and for dealers with less than four VINs, the Special Service Support Center Parts Order Line (1-800-207-2444) will need to be contacted to order parts.*

*When calling to place an order, please be prepared to provide the part number suffix and sequence number from the fuel/brake line bundle tag along with the dealer P&A code, owner name, and VIN.*

*Questions regarding parts should be directed to the Special Service Support Center Parts Order Line (1-800-207-2444) or E-mailed to: [Ford@Renkim.com](mailto:Ford@Renkim.com).*

**DEALER PRICE**

For latest prices, refer to DOES II.

**PARTS RETENTION AND RETURN**

Affected fuel lines are subject to random selection for return to the Ford Warranty Parts Analysis Center (WPAC). Refer to your daily PEARS (Parts Entry and Return System) register for part disposition and return instructions.

Follow the provisions of the Warranty and Policy Manual for “Parts Retention and Return Procedures.”

**EXCESS STOCK RETURN**

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

## CERTAIN 2012 MODEL YEAR EDGE VEHICLES EQUIPPED WITH 2.0L ENGINE — FUEL LINE INSPECTION AND REPLACEMENT

### OVERVIEW

In some of the affected vehicles, the fuel line assembly may experience a crack in the housing of the pulse damper. A cracked housing may result in a combination of fuel odor, weepage, or a continuous leak while the fuel system is pressurized.

### **NEW !** INSPECTION

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Workshop Manual (WSM), Section 100-02.
2. Locate the fuel/brake line bundle tag located on the LH brake line just forward of the LH rear coil spring. See Figure 1.

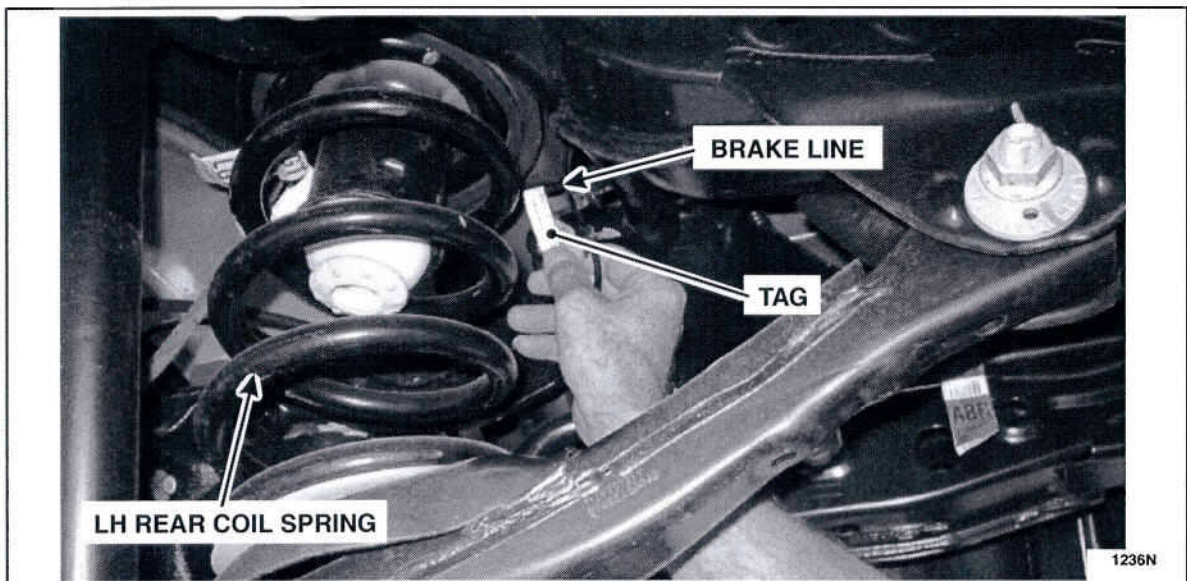


FIGURE 1



3. Compare the last two letters of the part number and the fifth through eighth digits of the sequence number with the chart on page 3 to determine if the fuel line needs to be replaced. See Figure 2.

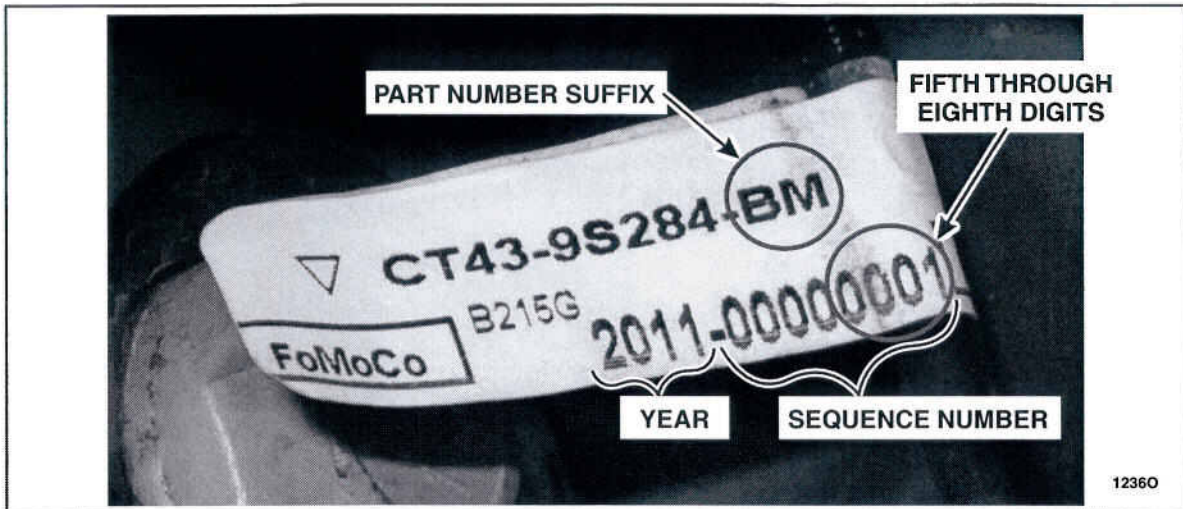


FIGURE 2

TAG IS READABLE		
Part Number	Sequence Number (fifth through eighth digits)	Inspection Results
CT43-9S284-BM	1200 or higher	Pass
CT43-9S284-BM	0001 through 1199	Did not pass
CT43-9S284 - BA through BL		Did not pass

TAG IS NOT FULLY READABLE OR IS MISSING		
Part Number	Sequence Number (fifth through eighth digits)	Inspection Results
Unable to read or tag is missing		Did not pass
CT43-9S284-BM	If only the fifth digit can be read	Pass if two or higher (2???)
CT43-9S284-BM	If only the fifth and sixth digit can be read.	Pass if twelve or higher (12??)

4. Action:

- If the fuel line passed inspection, return the vehicle to the owner. No further repair is required.
- If the fuel line did not pass inspection, *proceed to "Fuel Line Replacement"*.





**NEW!** FUEL LINE REPLACEMENT

**⚠ WARNING:** Before beginning this service procedure, review the Safety Warnings contained in WSM, Section 100-00.

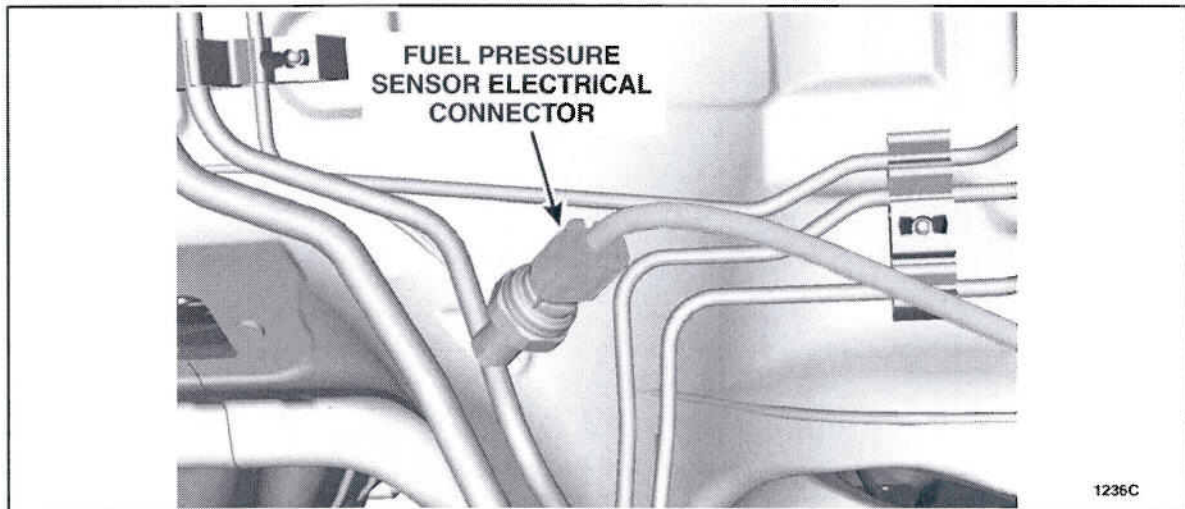
**NOTE:** The repair kit includes five different attaching brackets. If any original brackets are damaged or broken during this repair, they must be replaced with the appropriate bracket(s) from the kit.

**Removal**

1. Release the fuel system pressure. For additional information, refer to WSM, Section 310-00.
2. Remove the engine cover.
3. Disconnect the battery ground cable. For additional information, refer to WSM, Section 414-01.

**NOTICE:** Whenever turbocharger air intake system components are removed, always cover open ports to protect from debris. It is important that no foreign material enter the system. The turbocharger compressor vanes are susceptible to damage from even small particles. All components should be inspected and cleaned, if necessary, prior to installation or reassembly.

4. Remove the Air Cleaner (ACL) outlet pipe. For additional information, refer to WSM, Section 303-12.
5. Disconnect the fuel line-to-fuel injection pump quick connect coupling. For additional information, refer to WSM, Section 310-00.
6. Disconnect the fuel pressure sensor electrical connector. See Figure 1.



**FIGURE 1**



7. Unclip the fuel line from the bulkhead bracket (located on the lower left center of the bulkhead). See Figure 2.

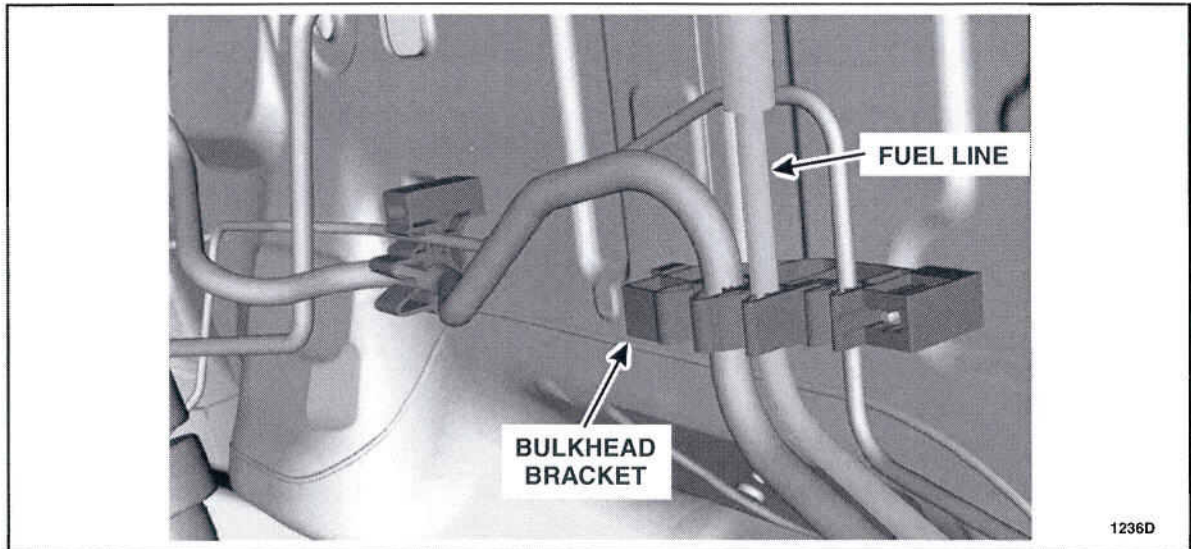


FIGURE 2

8. Remove the four bolts, four trim pins, two push pins, and the Evaporative Emission (EVAP) shield. See Figure 3.

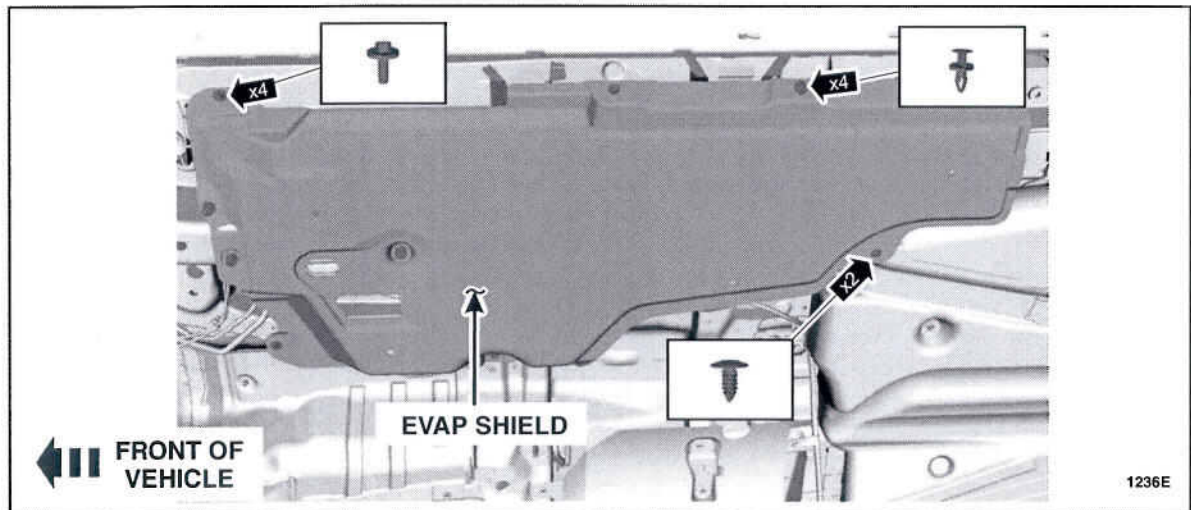
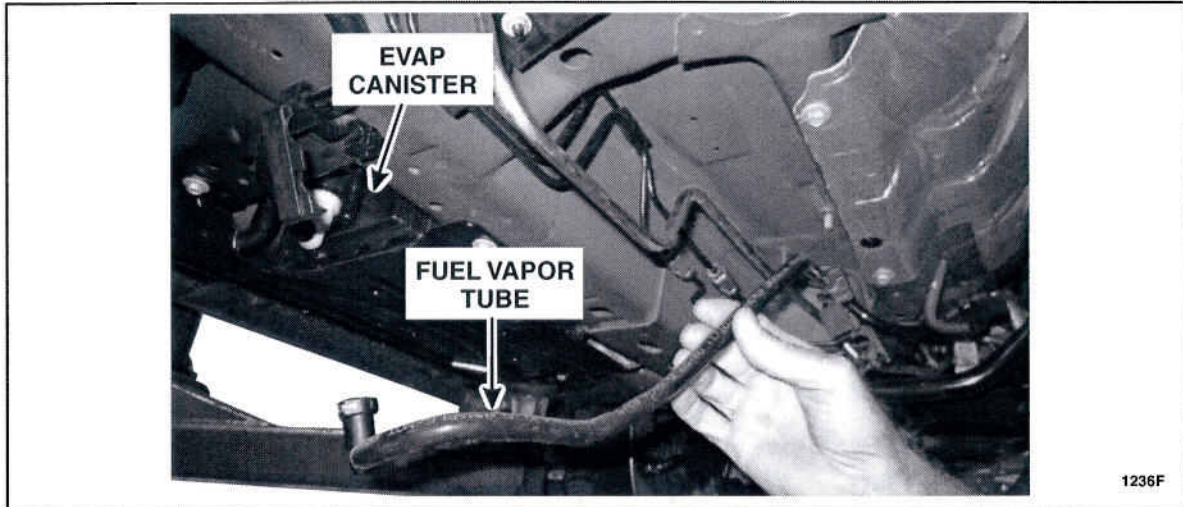


FIGURE 3

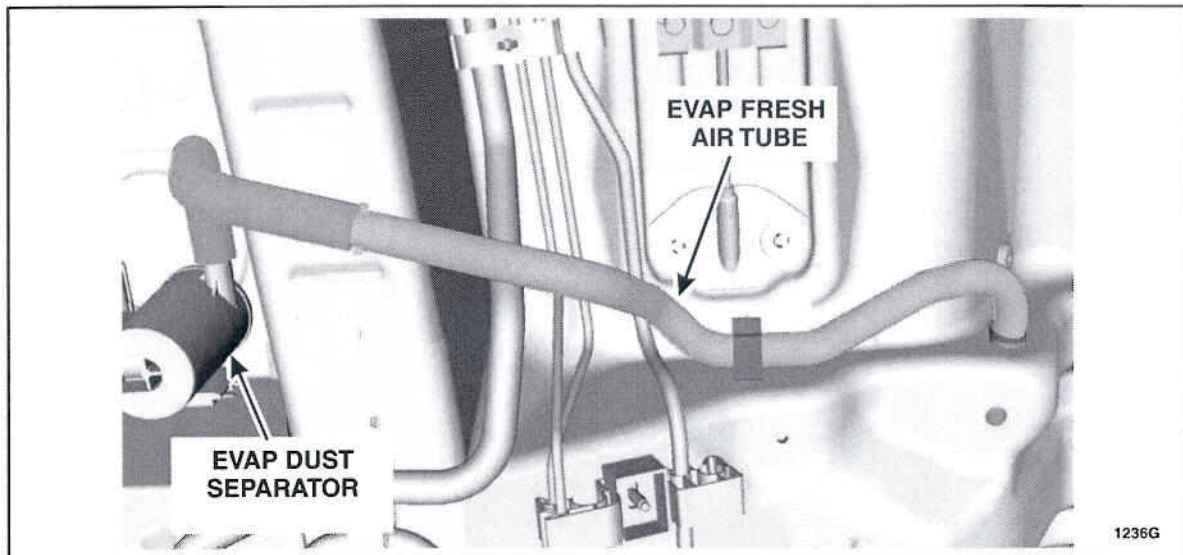


9. Disconnect the fuel vapor tube from the EVAP canister and position aside. For additional information, refer to WSM, Section 310-00. See Figure 4.



**FIGURE 4**

10. Disconnect the EVAP fresh air tube from the EVAP dust separator and position aside. See Figure 5.



**FIGURE 5**



11. Remove and discard the two crossbrace bolts and then remove the crossbrace. See Figure 6.

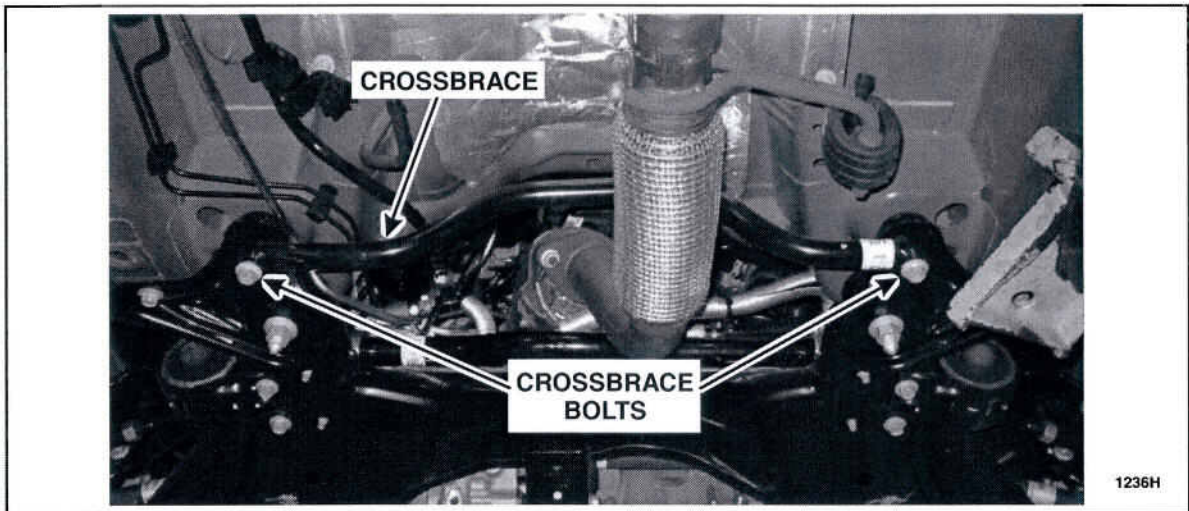


FIGURE 6

**NOTE:** Some residual fuel may remain in the fuel tubes. Carefully drain into a suitable container.

12. Disconnect the fuel jumper tube quick connect coupling from the fuel line. For additional information, refer to WSM, Section 310-00. See Figure 7.

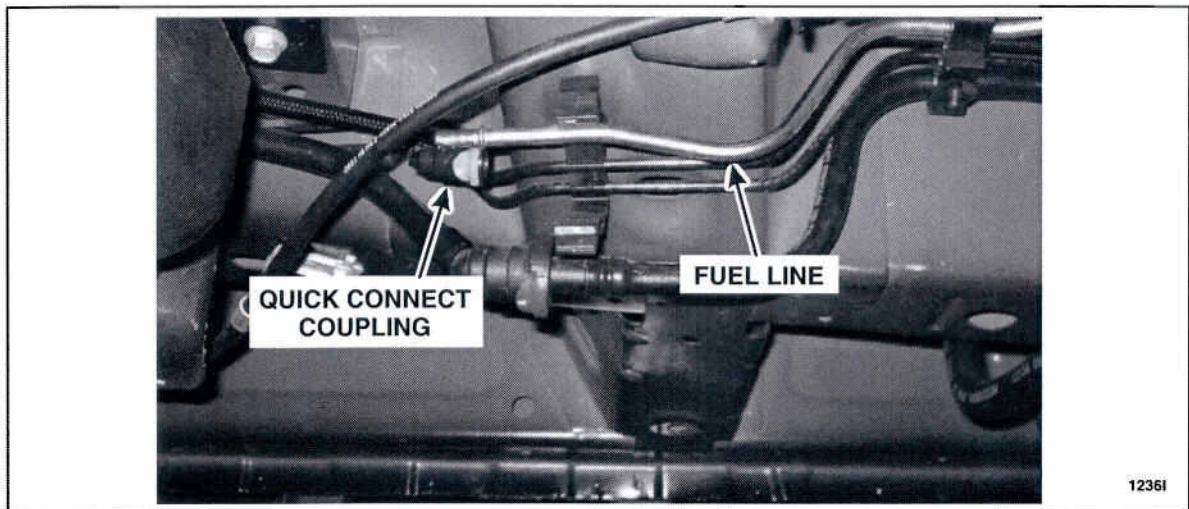
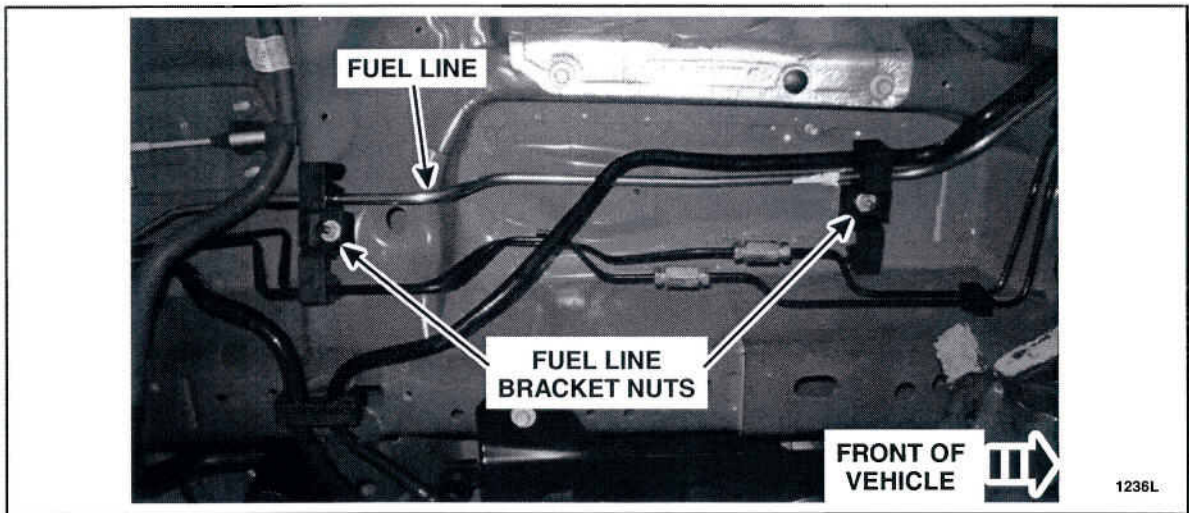


FIGURE 7

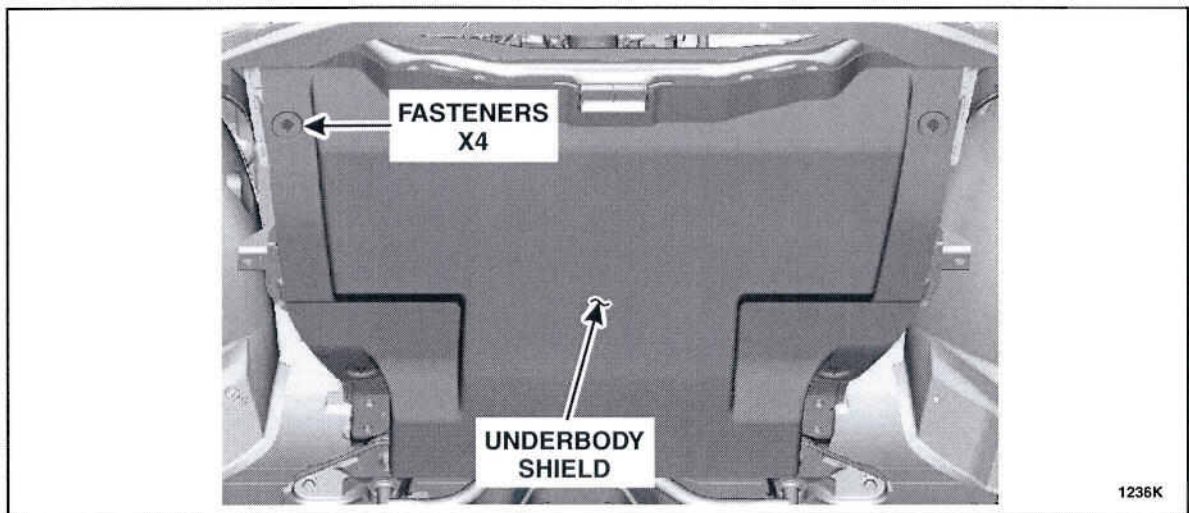


13. Remove the two fuel line bracket nuts and remove the fuel line from the brackets. See Figure 8.



**FIGURE 8**

14. Loosen the four fasteners and remove the underbody shield. See Figure 9.



**FIGURE 9**

15. Remove the fuel line from the remaining underbody brackets and remove fuel line from the vehicle.



## Installation

1. Install *new* fuel line and secure it to the underbody brackets.
2. Install the underbody shield and tighten the fasteners. See Figure 9.
3. Install the two fuel line bracket nuts. See Figure 8.
  - Tighten nuts to 9 Nm (80 lb-in).
4. Connect the fuel jumper tube quick connect coupling to the fuel line. For additional information, refer to WSM, Section 310-00. See Figure 7.
5. Install the crossbrace. See Figure 6.
  - Tighten *new* bolts to 90 Nm (66 lb-ft).
6. Reposition and connect the EVAP fresh air tube to the EVAP dust separator. See Figure 5.
7. Reposition and connect the fuel vapor tube to the EVAP canister. For additional information, refer to WSM, Section 310-00. See Figure 4.
8. Connect the Fuel Pump Control Module (FPCM) electrical connector.
9. Install the EVAP shield. See Figure 3.
  - Tighten bolts to 10 Nm (89 lb-in).
10. Clip the fuel line into the bulkhead bracket. See Page 4, Figure 2.
11. Connect the fuel pressure sensor electrical connector. See Page 3, Figure 1.
12. Connect the fuel line-to-fuel injection pump quick connect coupling. For additional information, refer to WSM, Section 310-00.
13. Install the Air Cleaner (ACL) outlet pipe. For additional information, refer to WSM, Section 303-12.
14. Connect the battery ground cable. For additional information, refer to WSM, Section 414-01.
15. **NOTE:** It may take more than one key cycle to pressurize the fuel system.  
  
Cycle the ignition key and wait three seconds to pressurize the fuel system.
16. Check for leaks prior to starting the engine.
17. Start the vehicle and check the fuel system for leaks.
18. Install the engine cover.
19. Return the vehicle to the customer.

