

Michael A. Berardi Director Service Engineering Operations Ford Customer Service Division Ford Motor Company P. O. Box 1904 Dearborn, Michigan 48121

July 03, 2013

TO:

All U.S. Ford and Lincoln Dealers

SUBJECT:

DEMONSTRATION / DELIVERY HOLD - Safety Recall 13S04 - Supplement #2

Certain 2013 Model Year Explorer, Taurus, MKS, Flex, MKT, Fusion, MKZ, and Police

Interceptor Utility and Sedan Vehicles Fuel Delivery Module Replacement

Ref:

DEMONSTRATION / DELIVERY HOLD - Safety Recall 13S04 - Supplement #1

Dated June 10, 2013

**DEMONSTRATION / DELIVERY HOLD - Safety Recall 13S04** 

Dated May 30, 2013

# New! REASON FOR THIS SUPPLEMENT

- Parts Information and Ordering Updates: Application and interchangeability of fuel delivery modules (FDM) has been revised for greater flexibility. Part numbers in the Parts Requirements and Ordering Information Tables in Attachment II have been updated. Revisions include correction to the pinion flange bolt package quantities.
- Cross Reference Charts Updates: Clarification of interchangeability is added for Flex Fuel
  capable vehicles. A new chart is added by FDM part number to assist in quick identification of
  application in Attachment V.
- Dealer Q& A Updates: Added explanation of Emissions type as a qualifier for Flex Fuel capable vehicles.
- Lincoln Owner Special Handling (Lincoln Dealers Only): Lincoln Owner Special Handling is added in Attachment VI for service loaner, fuel fill, wash, vacuum, pick-up and delivery.

# AFFECTED VEHICLES

Certain 2013 model year Explorer, Taurus, MKS, Flex, MKT, Fusion, MKZ, and Police Interceptor Utility and Sedan vehicles as follows:

| Vehicle                    | Assembly Plant                         | Build Date Range                |  |
|----------------------------|--|---------------------------------|--|
| Explorer                   | Chicago Job 1 through January 10, 2013 |                                 |  |
| Police Interceptor Utility | Chicago                                | Job 1 through January 10, 2013  |  |
| Police Interceptor Sedan   | Chicago                                | Job 1 through December 21, 2012 |  |
| Taurus                     | Chicago                                | Job 1 through December 21, 2012 |  |
| MKS                        | Chicago                                | Job 1 through December 21,2012  |  |
| Flex                       | Oakville                               | Job 1 through January 2, 2013   |  |
| MKT                        | Oakville                               | Job 1 through January 31, 2013  |  |
| Fusion                     | Hermosillo                             | Job 1 through February 11, 2013 |  |
| MKZ                        | Hermosillo                             | Job 1 through February 25, 2013 |  |

Affected vehicles are identified in OASIS. In addition, for a list of vehicles assigned to your dealership, visit <a href="https://web.fsavinlists.dealerconnection.com">https://web.fsavinlists.dealerconnection.com</a>. This information will be available May 30, 2013.

#### REASON FOR THIS SAFETY RECALL

In the affected vehicles, over time, some of the fuel delivery modules in the fuel tank may develop a crack in the outlet port fitting that could result in a fuel leak. If a leak occurs, a customer may report symptoms of a fuel odor or liquid fuel leak. Fuel leakage in the presence of an ignition source may result in a fire.

#### SERVICE ACTION

Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to replace the fuel delivery module. This service must be performed on all affected vehicles at no charge to the vehicle owner.

**NOTE:** Parts are currently not available to replace all fuel delivery modules. At this time, customer vehicles should be repaired only if the vehicle has a fuel leak at the fuel outlet port fitting. In an effort to maintain high levels of owner satisfaction, please ensure you prioritize customer vehicles ahead of repairing your unsold stock vehicles. It is anticipated that parts will be available in the third quarter of 2013.

**NOTE:** A small number of Fusion/MKZ vehicles having specific December 2012 through February 2013 build dates may have been built with updated parts. An inspection can be performed on vehicles within the identified build dates to determine if they can be removed from this program. Refer to Attachment III, Technical Instructions, for applicable vehicle build dates and inspection information.

# **OWNER NOTIFICATION MAILING SCHEDULE**

Initial Owner Letters are expected to be mailed in July 2013 to notify owners of this Safety Recall and advise that parts are not currently available. As parts become available, owners will be notified to bring their vehicles in for repairs. Affected owners will be notified in phases as part supplies increase up to the 4th quarter of 2013. When parts are available, 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 \$7,000 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

Attachment IV: Dealer Q & A

Attachment V: Fuel Delivery Module Cross Reference Chart

Attachment VI: Lincoln Owner Special Handling (Lincoln Dealers Only)

Owner Notification Letter

#### **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 - 13S04 Supplement #2**

Certain 2013 Model Year Explorer, Taurus, MKS, Flex, MKT, Fusion, MKZ, and Police Interceptor Utility and Sedan Vehicles - Fuel Delivery Module Replacement

#### OASIS ACTIVATED?

Yes, OASIS will be activated on May 30, 2013.

#### **FSA VIN LIST ACTIVATED?**

Yes, FSA VIN list will be available through <a href="https://web.fsavinlists.dealerconnection.com">https://web.fsavinlists.dealerconnection.com</a> on May 30, 2013. Owner names and addresses will be available after all owner mailings have been completed (estimated October, 2013).

**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

**NOTE:** In an effort to maintain high levels of owner satisfaction, please ensure you prioritize customer vehicles ahead of repairing your unsold stock vehicles.

- Parts are currently not available to replace all fuel delivery modules. Parts orders for dealer stock vehicles with a customer sales contract can be requested through the Special Service Support Center; however, due to limited supply it is possible not all parts requests can be filled.
- Correct all affected units in your new vehicle inventory before delivery.
- Use OASIS to identify any affected vehicles in your used vehicle inventory.

#### **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.
   NOTE: Parts are currently not available to replace all fuel delivery modules. At this time, customer vehicles should be repaired only if the vehicle has a fuel leak at the fuel outlet port fitting.

#### 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.

#### OWNER REFUNDS

Refunds are not authorized for this program.

#### RENTAL VEHICLES

For customer vehicles exhibiting a leak; when you call the Special Service Support Center to order a part, an approval code will be provided for a customer rental per ESP guidelines while the vehicle is waiting for a part. If you have a unique circumstance which may require additional rental vehicle needs, please contact the Special Service Support Center at 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, follow Extended Service Plan (ESP) guidelines for dollar amounts.
   Enter the total amount of the rental expense under Miscellaneous Expense code "RENTAL".

   Rental for customer vehicles that exhibit a leak requires prior approval from the Special Service Support Center.
- On applicable Fusion and MKZ vehicles, if an inspection was performed and the <u>Inspection Failed</u>, labor operation 13S04FF <u>must</u> be submitted for payment <u>before</u> a final repair (13S04E) is submitted for payment. Note that labor operation 13S04AA is a final repair and will close the safety recall for the specified VIN.
- See Attachment VI for claiming instructions related to Lincoln Owner Special Handling.

# **LABOR ALLOWANCES**

**Explorer / Police Interceptor Utility** 

| Powertrain               | Description   | Labor<br>Operation | Labor Time |
|--------------------------|---------------|--------------------|------------|
| 2.0L EcoBoost (GTDI) FWD | Replace FDM*  |                    | 2.2 Hours  |
| 3.5L TiVCT FWD           | Replace FDM*  |                    | 2.1 Hours  |
| 3.5L TIVCT 4WD           | Replace FDM * | 13S04B             | 2.5 Hours  |
| 3.5L EcoBoost (GTDI)     | Replace FDM*  |                    | 2.7 Hours  |
| 3.7L TIVCT FWD           | Replace FDM * |                    | 2.3 Hours  |
| 3.7L TIVCT AWD           | Replace FDM*  |                    | 2.8 Hours  |

Taurus / MKS / Police Interceptor Sedan

| Powertrain                                   | Description   | Labor<br>Operation | Labor Time |
|--|---|--------------------|------------|
| 2.0L EcoBoost (GTDI)<br>3.5L EcoBoost (GTDI) | Replace FDM*  |                    | 1.2 Hours  |
| 3.5L/3.7 TiVCT                               | Replace FDM*  | 13S04C             | 1.1 Hours  |
| Police Interceptor Sedan                     | Replace FDM* (includes R&I side impact reinforcement) |                    | 1.4 Hours  |

### Flex / MKT

| Powertrain                                 | Description  | Labor<br>Operation | Labor Time |
|--|--------------|--------------------|------------|
| 2.0L EcoBoost (GTDI) FWD<br>3.5L TIVCT FWD | Replace FDM* |                    | 2.2 Hours  |
| 3.5L TIVCT AWD                             | Replace FDM* |                    | 2.7 Hours  |
| 3.5L EcoBoost (GTDI)                       | Replace FDM* | 13S04D             | 2.9 Hours  |
| 3.7L TIVCT FWD                             | Replace FDM* |                    | 2.4 Hours  |
| 3.7L TIVCT AWD                             | Replace FDM* |                    | 2.8 Hours  |

<sup>\*</sup> Includes transfer of fuel level sending unit if applicable.

# **LABOR ALLOWANCES** (Continued)

Fusion / MKZ - FDM Replacement Labor Time

| Powertrain  | Description  | Labor<br>Operation | Labor Time |
|---|--------------|--------------------|------------|
| 1.6L EcoBoost (GTDI)                              | Replace FDM* |                    | 2.4 Hours  |
| 2.0L EcoBoost (GTDI) AWD<br>3.7L TIVCT AWD        | Replace FDM* |                    | 2.7 Hours  |
| 2.0L EcoBoost (GTDI) FWD<br>2.0L HEV<br>2.5L iVCT | Replace FDM* | 13S04E             | 2.3 Hours  |
| 3.7L TiVCT FWD                                    |              |                    |            |

<sup>\*</sup> Includes transfer of fuel level sending unit if applicable.

Fusion / MKZ - FDM Inspection (Pass/Fail) Labor Times

| Powertrain  | Description   | Labor<br>Operation | Labor Time |
|---|---|--------------------|------------|
| 1.6L EcoBoost (GTDI)<br>3.7L TIVCT FWD            | Inspect FDM – INSPECTION PASS (Includes Fuel Tank R&I)      |                    | 2.1 Hours  |
| 2.0L EcoBoost (GTDI) AWD                          | Inspect FDM – INSPECTION PASS (Includes Fuel Tank R&I)      | 13S04AA            | 2.3 Hours  |
| 2.0L EcoBoost (GTDI) FWD<br>2.0L HEV<br>2.5L IVCT | Inspect FDM – INSPECTION PASS (Includes Fuel Tank R&I)      |                    | 2.0 Hours  |
| 3.7L TIVCT AWD                                    | Inspect FDM – INSPECTION PASS (Includes Fuel Tank R&I)      |                    | 2.4 Hours  |
| 1.6L EcoBoost (GTDI)<br>3.7L TIVCT FWD            | Inspect FDM – INSPECTION FAILED (Does NOT Close Program) ** |                    | 2.1 Hours  |
| 2.0L EcoBoost (GTDI) AWD                          | Inspect FDM – INSPECTION FAILED (Does NOT Close Program) ** | 13S04FF            | 2.3 Hours  |
| 2.0L EcoBoost (GTDI) FWD<br>2.0L HEV<br>2.5L IVCT | Inspect FDM – INSPECTION FAILED (Does NOT Close Program) ** |                    | 2.0 Hours  |
| 3.7L TIVCT AWD                                    | Inspect FDM – INSPECTION FAILED (Does NOT Close Program) ** |                    | 2.4 Hours  |

<sup>\*\*</sup> When claiming this labor operation, it must be submitted for payment <u>before</u> the final repair is submitted for payment. See "Claims Preparation and Submission".

# New! PARTS REQUIREMENTS / ORDERING INFORMATION

**Explorer / Police Interceptor Utility Parts Table** 

| Powertrain  | Fuel Delivery<br>Module                      | FDM<br>O-Ring | Pinion Flange Bolt Sets (Unit of Issue 3 Sets) | Exhaust Flange Nuts (Unit of Issue 4) | Exhaust Flange Gasket (Unit of Issue 1) |
|---|--|---------------|--|---------------------------------------|---|
| 3.5L TiVCT FWD<br>(Flex Fuel – 49 State Emissions)                        | <b>DB5Z-9A407-A</b><br>DB5Z-9H307-C          | 4L3Z-9276-AA  | NA   | NA                                    | NA                                      |
| 3.5L TiVCT FWD<br>(Non-Flex Fuel - California /<br>Green State Emissions) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DB5Z-9H307-C | 4L3Z-9276-AA  | NA   | NA                                    | NA                                      |
| 3.5L TiVCT 4WD<br>(Flex Fuel – 49 State Emissions)                        | DB5Z-9A407-A<br>DB5Z-9H307-C                 | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | NA                                    | NA                                      |
| 3.5L TiVCT 4WD<br>(Non-Flex Fuel - California /<br>Green State Emissions) | DA8Z-9H307-L<br>D85Z-9A407-A<br>DB5Z-9H307-C | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | NA                                    | NA                                      |
| 3.7L TiVCT FWD<br>(Flex Fuel – 49 State Emissions)                        | DB5Z-9A407-A<br>DB5Z-9H307-C                 | 4L3Z-9276-AA  | NA   | W714265-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 3.7L TIVCT FWD<br>(Non-Flex Fuel - California /<br>Green State Emissions) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DB5Z-9H307-C | 4L3Z-9276-AA  | NA   | W714265-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 3.7L TiVCT 4WD<br>(Flex Fuel – 49 State Emissions)                        | <b>DB5Z-9A407-A</b><br>DB5Z-9H307-C          | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | W714265-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 3.7L TiVCT 4WD<br>(Non-Flex Fuel - California /<br>Green State Emissions) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DB5Z-9H307-C | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | W714265-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 2.0L EcoBoost (GTDI) FWD  | DA8Z-9A407-A<br>DA8Z-9H307-H                 | 4L3Z-9276-AA  | NA   | NA                                    | NA                                      |
| 3.5L EcoBoost (GTDI)  | <b>DA8Z-9A407-B</b><br>DA8Z-9H307-K          | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | W714265-S441<br>4 nuts / vehicle      | 7T4Z-9450-AA<br>2 gaskets / vehicle     |

- Bold part numbers are the primary part being built in for this recall, non-bold part numbers are alternate parts.
- The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.

# New! PARTS REQUIREMENTS / ORDERING INFORMATION (Continued)

Taurus / Police Interceptor Sedan Parts Table

| Powertrain  | Fuel Delivery<br>Module                                      | FDM<br>O-Ring |
|---|--|---------------|
| 3.5L TiVCT FWD Taurus<br>(Flex Fuel – 49 State Emissions)   | <b>DG1Z-9A407-B</b><br>DG1Z-9H307-R                          | 4L3Z-9276-AA  |
| 3.5L TiVCT FWD Taurus<br>(Non-Flex Fuel - California / Green State Emissions)                               | DA5Z-9H307-H<br>DG1Z-9A407-B<br>DG1Z-9H307-R<br>DA5Z-9H307-G | 4L3Z-9276-AA  |
| 3.5L/3.7 TiVCT AWD Taurus<br>(Flex Fuel – 49 State Emissions)   | <b>DG1Z-9A407-A</b><br>DG1Z-9H307-P                          | 4L3Z-9276-AA  |
| 3.5L/3.7 TiVCT AWD Taurus<br>(Non-Flex Fuel - California / Green State Emissions)                           | DG1Z-9H307-S<br>DG1Z-9A407-A<br>DG1Z-9H307-P                 | 4L3Z-9276-AA  |
| 3.5L/3.7 TiVCT FWD and AWD Police Interceptor Sedan (Flex Fuel – 49 State Emissions)                        | <b>DG1Z-9A407-A</b><br>DG1Z-9H307-P                          | 4L3Z-9276-AA  |
| 3.5L/3.7 TiVCT FWD and AWD Police Interceptor Sedan<br>(Non-Flex Fuel - California / Green State Emissions) | DG1Z-9H307-S<br>DG1Z-9A407-A<br>DG1Z-9H307-P                 | 4L3Z-9276-AA  |
| 2.0L EcoBoost (GTDI) FWD Taurus   | <b>DG1Z-9A407-C</b><br>DG1Z-9H307-N                          | 4L3Z-9276-AA  |
| 3.5L EcoBoost (GTDI) (All applications – Taurus and Police)   | <b>DA5Z-9A407-A</b><br>DA5Z-9H307-F                          | 4L3Z-9276-AA  |

- <u>Bold part numbers</u> are the primary part being built in for this recall, non-bold part numbers are alternate parts.
- The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.

#### **MKS Parts Table**

| Powertrain                        | Fuel Delivery<br>Module                                      | FDM<br>O-Ring |
|-----------------------------------|--|---------------|
| 3.7L TiVCT FWD<br>(Non-Flex Fuel) | <b>DA5Z-9H307-H</b><br>DG1Z-9A407-B                          | 4L3Z-9276-AA  |
| •                                 | DA5Z-9H307-G<br>DG1Z-9H307-S                                 | 41.27.0276.44 |
| 3.7L TIVCT AWD<br>(Non-Flex Fuel) | DG1Z-9H307-S<br>DG1Z-9A407-A<br>DG1Z-9H307-P<br>DG1Z-9H307-M | 4L3Z-9276-AA  |
| 3.5L EcoBoost (GTDI)              | <b>DA5Z-9A407-A</b> DA5Z-9H307-F                             | 4L3Z-9276-AA  |

- Bold part numbers are the primary part being built in for this recall, non-bold part numbers are alternate parts.
- The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.

# New! PARTS REQUIREMENTS / ORDERING INFORMATION (Continued)

#### Flex / MKT Parts Table

| Powertrain                        | Fuel Delivery<br>Module                      | FDM<br>O-Ring | Pinion Flange Bolt Sets (Unit of Issue 3 Sets) | Exhaust Flange Nuts (Unit of Issue 4) | Exhaust Flange Gasket (Unit of Issue 1) |
|-----------------------------------|--|---------------|--|---------------------------------------|---|
| 3.5L TiVCT FWD<br>(Non-Flex Fuel) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DA8Z-9H307-J | 4L3Z-9276-AA  | NA   | NA                                    | N/A                                     |
| 3.5L TiVCT AWD<br>(Non-Flex Fuel) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DA8Z-9H307-J | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | NA                                    | N/A                                     |
| 3.7L TiVCT FWD<br>(Non-Flex Fuel) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DA8Z-9H307-J | 4L3Z-9276-AA  | NA   | W520414-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 3.7L TiVCT AWD<br>(Non-Flex Fuel) | DA8Z-9H307-L<br>DB5Z-9A407-A<br>DA8Z-9H307-J | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | W520414-S441<br>4 nuts / vehicle      | DA5Z-9450-A<br>1 gasket / vehicle       |
| 2.0L EcoBoost<br>(GTDI) FWD       | <b>DA8Z-9A407-A</b><br>DA8Z-9H307-H          | 4L3Z-9276-AA  | NA   | NA                                    | NA                                      |
| 3.5L EcoBoost<br>(GTDI)           | <b>DA8Z-9A407-B</b><br>DA8Z-9H307-K          | 4L3Z-9276-AA  | W790063-S900<br>3 sets / vehicle               | W520414-S441<br>4 nuts / vehicle      | 7T4Z-9450-AA<br>2 gaskets / vehicle     |

<sup>•</sup> Bold part numbers are the primary part being built in for this recall, non-bold part numbers are alternate parts.

<sup>•</sup> The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.

#### **Fusion Parts Table**

| Powertrain                            | Fuel Delivery<br>Module                      | FDM<br>O-Ring | Pinion Flange Bolt Sets (Unit of Issue 1 Set) | Exhaust Flange Nuts (Unit of Issue 4) | Exhaust<br>Flange<br>Gasket | Carrier Brg. Bolts (Unit of Issue 4) |
|---------------------------------------|--|---------------|---|---------------------------------------|-----------------------------|--------------------------------------|
| 1.6L / 2.0L<br>EcoBoost (GTDI)<br>FWD | DG9Z-9A407-B<br>DG9Z-9H307-N<br>DG9Z-9H307-Y | 4L3Z-9276-AA  | NA  | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | NA                                   |
| 2.0L EcoBoost<br>(GTDI) AWD           | <b>DG9Z-9A407-A</b><br>DG9Z-9H307-R          | 4L3Z-9276-AA  | 5F9Z-4682-AA<br>3 sets / vehicle              | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | W712154-S439<br>2 nuts / vehicle     |
| 2.5L iVCT FWD                         | DG9Z-9A407-C<br>DG9Z-9H307-Z<br>DG9Z-9H307-P | 4L3Z-9276-AA  | NA  | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | NA                                   |
| Hybrid                                | DG9Z-9A407-D<br>DG9Z-9H307-S                 | 4L3Z-9276-AA  | NA  | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | NA                                   |

- Bold part numbers are the primary part being built in for this recall, non-bold part numbers are alternate parts.
- The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.

#### **MKZ Parts Table**

| Powertrain                  | Fuel Delivery<br>Module                      | FDM<br>O-Ring | Pinion Flange Bolt Sets (Unit of Issue See Qty)         | Exhaust Flange Nuts (Unit of Issue 4) | Exhaust<br>Flange<br>Gasket | Carrier Brg. Bolts (Unit of Issue 4) |
|-----------------------------|--|---------------|---|---------------------------------------|-----------------------------|--------------------------------------|
| 2.0L EcoBoost<br>(GTDI) FWD | DG9Z-9A407-B<br>DG9Z-9H307-N<br>DG9Z-9H307-Y | 4L3Z-9276-AA  | NA  | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | NA                                   |
| 2.0L EcoBoost<br>(GTDI) AWD | DG9Z-9A407-A<br>DG9Z-9H307-R                 | 4L3Z-9276-AA  | 5F9Z-4682-AA<br>Unit of Issue 1 set<br>3 sets / vehicle | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | W712154-S439<br>2 nuts / vehicle     |
| 3.7L TIVCT FWD              | <b>DG9Z-9A407-E</b><br>DG9Z-9H307-T          | 4L3Z-9276-AA  | NA  | W520103-S442<br>4 nuts / vehicle      | BT4Z-9450-A                 | NA                                   |
| 3.7L TIVCT AWD              | <b>DG9Z-9A407-E</b><br>DG9Z-9H307-T          | 4L3Z-9276-AA  | W790063-S900<br>Unit of Issue 3 set<br>3 sets / vehicle | W520103-S442<br>4 nuts / vehicle      | BT4Z-9450-A                 | W712154-S439<br>2 nuts / vehicle     |
| Hybrid                      | <b>DG9Z-9A407-D</b><br>DG9Z-9H307-S          | 4L3Z-9276-AA  | NA  | W520103-S442<br>2 nuts / vehicle      | CV6Z-9450-D                 | NA                                   |

- <u>Bold part numbers</u> are the primary part being built in for this recall, non-bold part numbers are alternate parts.
- The Special Service Support Center will verify the correct FDM part number and place the order based upon availability. The VIN is required by the SSSC to validate the FDM part number required.
- \*\*3.7L Application requires 4 total

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

The DOR/COR number for this recall is 50506.

To manage part availability, dealers must contact the Special Service Support Center Parts Order Line at 1-800-207-2444.

When calling to place an order for a fuel delivery module, please be prepared to provide dealer P&A code, VIN, RO #, customer name, and vehicle mileage.

Due to high call volume, a parts order email has been established. Dealers may order parts for vehicles that have a leak or dealer stock units with a customer sales contract through 13S04@renkim.com. The email must include the following information:

- P & A Code
- VIN#
- Repair Order Number
- Parts Required
- Reason Needed (e.g. FDM Leaking fuel on customer vehicle)
- If the vehicle is dealer stock, a signed copy of the sales contract must be attached to the email.

**NOTE:** When looking up the parts information with the DOR/COR# 50506; the Order Detail screen will list the first 3 & last 8 characters of the VIN. Because alternate parts are available for the fuel delivery module (9H307 and 9A407 base), this information may help to identify which part number is being shipped for a VIN.

This bulletin will be supplemented if circumstances warrant a change in part supply strategy, when a seed stock program is developed, or when open ordering resumes.

#### **DEALER PRICE**

For latest prices, refer to DOES II.

#### PARTS RETENTION AND RETURN

Replaced parts 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 2013 MODEL YEAR EXPLORER, TAURUS, MKS, FLEX, MKT, FUSION, MKZ, AND POLICE INTERCEPTOR UTILITY AND SEDAN VEHICLES — FUEL DELIVERY MODULE REPLACEMENT

#### **OVERVIEW**

In some of the affected vehicles, over time, the Fuel Delivery Module (FDM) in the fuel tank may develop a crack in the outlet port fitting that could result in a fuel leak. If a leak occurs, a customer may report symptoms of a fuel odor, fuel puddle on the ground, hard or no start, engine stall and/or illumination of the "Service Engine Soon" warning indicator. Fuel leakage in the presence of an ignition source may result in a fire. Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to inspect and/or replace the FDM as directed.

#### SERVICE PROCEDURE

#### Explorer, Taurus, MKS, Flex, MKT and Police Interceptor Utility and Sedan Vehicles

1. Replace the FDM. For additional information, refer to Workshop Manual (WSM) Section 310-01.

#### Fusion/MKZ Vehicles Only

NOTE: A small number of Fusion/MKZ vehicles having specific December 2012 through February 2013 build dates may have been built with updated parts. An inspection can be performed on vehicles within the identified build dates to determine if they can be removed from this program. Refer to the Fusion/MKZ FDM Inspection Chart in Step 2 for applicable vehicle build dates and inspection information for vehicles that qualify for this inspection option.

- 2. Determine the vehicle build date. Refer to the Fusion/MKZ FDM Inspection chart below.
  - Fusion/MKZ vehicles produced between the "Built From" and "Built Through" dates can be inspected to determine if the FDM needs to be replaced. Proceed to Step 3.
  - For Fusion/MKZ vehicles built before the dates indicated in the chart, replace the FDM. For additional information, refer to WSM Section 310-01.

#### FUSION/MKZ FDM INSPECTION CHART

| Vehicle Application | Powertrain    | Vehicle<br>Built From<br>and<br>Including | Vehicle<br>Built<br>Through<br>and<br>Including |
|---------------------|---------------|---|---|
| Fusion              | 1.6L EcoBoost | 1/14/2013                                 | 1/21/2013                                       |
| Fusion/ MKZ FWD     | 2.0L EcoBoost | 1/14/2013                                 | 1/21/2013                                       |
| Fusion / MKZ AWD    | 2.0L EcoBoost | 1/22/2013                                 | 2/11/2013                                       |
| Fusion/ MKZ FWD     | 2.0L Hybrid   | 1/18/2013                                 | 1/26/2013                                       |
| Fusion              | 2.5L          | 12/13/2012                                | 1/8/2013  |
| MKZ                 | 3.7L          | 1/21/2013                                 | 2/25/2013                                       |

- 3. Remove the fuel tank. For additional information, refer to WSM Section 310-01.
- 4. Inspect the color of the fuel outlet port fitting on top of the FDM. See Figure 1.
  - If the color of the fuel outlet port fitting is black, replace the FDM. For additional information, refer to WSM Section 310-01.
  - If the color of the fuel outlet port fitting is gray/silver, no further action is necessary. Reinstall the fuel tank. For additional information, refer to WSM Section 310-01.

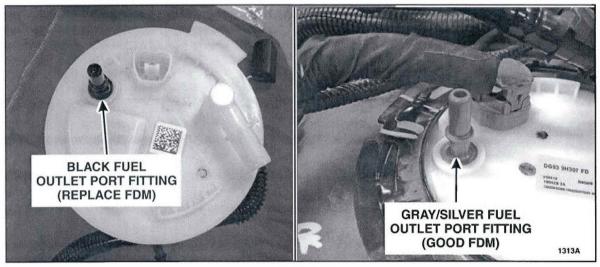


FIGURE 1

# **DEALER Q & A**

#### Q1. What is the issue?

A. Ford is voluntarily recalling certain 2013 Model Year Explorer, Taurus, MKS, Flex, MKT, Fusion, MKZ, and Police Interceptor Utility and Sedan vehicles to address concerns relating to the fuel delivery module. In the affected vehicles, over time, some of the fuel delivery modules in the fuel tank may develop a crack in the outlet port fitting that could result in a fuel leak. If a leak occurs, a customer may report symptoms of a fuel odor or visible fuel leak. Fuel leakage in the presence of an ignition source may result in a fire.

#### Q2. Are vehicles safe to drive? What if a customer calls and reports a fuel odor?

A. The vehicle is safe to drive if it does not exhibit a fuel odor or leak. If a customer reports a fuel odor or visible fuel leak, they should contact the dealer to arrange for repairs.

### Q3. Is this a condition that can occur when the vehicle is turned off?

A. Because the fuel delivery module outlet port is above the fuel tank, if a crack occurs, only a small amount of fuel can potentially leak once the vehicle is turned off.

# Q4. Are there any early warning signs or symptoms a customer would notice that would indicate a problem?

A. If a leak occurs, a customer may report symptoms such as a fuel odor or visible fuel leak.

### Q5. Are parts available to repair all affected vehicles? How long will the repair take?

A. Current supplies of parts are sufficient to address those customers who experience symptoms. If customers have experienced symptoms of a leak, parts can be ordered and repairs can generally be completed in less than one-half day. Since parts are in limited supply, affected owners will be re-notified when parts are available to update their vehicles.

#### Q6. What about Dealer Stock vehicles?

A. There is a demonstration and delivery hold on dealer stock vehicles. Because parts are currently in limited supply, Dealers are requested to prioritize parts to vehicles that have been sold to owners.

# Q7. When are sufficient part quantities expected to be able to repair all affected vehicles regardless of symptoms?

A. We are working diligently with our suppliers to maximize their production of replacement parts. Adequate quantities are expected by the end of the 3rd Quarter 2013.

#### Q8. How will the owner mailings being prioritized?

A. Because sufficient quantities of parts are not currently available to repair this condition for all affected vehicles at this time, owner letter mailings will be phased by vehicle line, based upon report rates.

### Q9. How can a customer see if their vehicle is affected by this recall?

- A. Customers can see if they are affected by the recall by:
  - Logging onto www.FordOwner.com, click "Recall Notices" in the "Service" tab and input their VIN to determine if their vehicle is part of the recall;
  - Calling 866-436-7332 in the U.S. or 888-222-7814 in Canada; or
  - Contacting a Ford dealer

# Q10. Is Fusion Energi (Plug-in Hybrid) affected by this recall?

A. Fusion Energi (plug-in hybrid) is not affected by this recall. Although it has similar 2.0L I4 engine and electric motor as the hybrid; it uses a different fuel delivery module design.

# Q11. The Special Service Support Center sent me a different fuel delivery module part number then listed in the bulletin, is it authorized to use?

- A. Ford is working closely with its suppliers to maximize supply of replacement parts. For this reason, you may receive fuel delivery modules without the fuel level sending unit.
  - If the part is supplied without the fuel level sending unit (service part base -9A407-), transfer the sending unit to the new part.
  - If the part is supplied with the fuel level sending unit (service part base -9H307-), no transfer is required.

The Special Service Support Center can assist with questions regarding the parts order. To help dealers identify parts application and interchangeability, alternate fuel delivery module part numbers have been integrated into the Parts Requirements / Ordering Information Tables and Attachment V - Fuel Delivery Module Cross Reference Chart has been added.

#### Q12. When the part arrives, how can I reference what vehicle it was ordered for?

A. When looking up the parts information with the DOR/COR# 50506; the Order Detail screen will list the first 3 & last 8 characters of the VIN. Because alternate parts are available for the fuel delivery module (9H307 and 9A407 base), this information may help to identify which part number is being shipped for a VIN.

# Q13. Why are some FDMs applicable to only vehicles with California / Green State Emissions?

- A. The emissions level is used as a way to identify if the vehicle is Flex Fuel Capable. Some FDMs for 3.5L / 3.7L TiVCT engines are Flex Fuel Capable.
  - Flex Fuel Capable FDMs are compatible with the corresponding non-Flex Fuel vehicle applications and can be used.
  - Flex Fuel Explorer, Taurus and Police Interceptor vehicles identified as 49 State/Green State Emissions must use a Flex Fuel Capable FDM.

Refer to Attachment V Fuel Delivery Module Reference Chart by Application for details.

# New! FUEL DELIVERY MODULE REFERENCE CHART BY APPLICATION

# Explorer, Flex, Lincoln MKT, Taurus, Lincoln MKS, Police Interceptor Utility and Sedan with 3.5L or 3.7L TiVCT Engines Only (Flex Fuel Applications)

- NOTE: Refer to the Parts Requirements and Ordering Information Tables in Attachment II for all applications.
- Non-Flex Fuel FDMs can only be used in non-Flex Fuel applications
- Flex Fuel Capable FDMs are compatible with the corresponding vehicles non-Flex Fuel applications

| Explorer, Police Utility, Ford Flex and<br>Lincoln MKT  | DB5Z-9A407-A<br>(Flex Fuel Capable) | DB5Z-9H307-C<br>(Flex Fuel Capable) | DA8Z-9H307-L<br>(Non-Flex Fuel) | DA8Z-9H307-J<br>(Non-Flex Fuel) |
|---|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| Explorer and<br>Police Interceptor Utility<br>49 State/Non-Green State Emissions<br>Flex Fuel Capable | х                                   | х                                   |                                 |                                 |
| Explorer and<br>Police Interceptor Utility<br>California/Green State Emissions<br>Non-Flex Fuel       | х                                   | х                                   | х                               |                                 |
| Ford Flex   | x                                   |                                     | х                               | х                               |
| Lincoln MKT   | х                                   |                                     | х                               | х                               |

| Taurus FWD and<br>Lincoln MKS FWD                                     | DG1Z-9A407-B<br>(Flex Fuel Capable) | DG1Z-9H307-R<br>(Flex Fuel Capable) | DA5Z-9H307-H<br>(Non-Flex Fuel) | DA5Z-9H307-G<br>(Non-Flex Fuel) |
|---|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| Taurus FWD<br>49 State/Non-Green State Emissions<br>Flex Fuel Capable | х                                   | х                                   |                                 |                                 |
| Taurus FWD<br>California/Green State Emissions<br>Non-Flex Fuel       | х                                   | х                                   | х                               | х                               |
| Lincoln MKS FWD   | Х                                   |                                     | Х                               | X                               |

| Taurus AWD, Police Sedan FWD/AWD and Lincoln MKS AWD   | DG1Z-9A407-A<br>(Flex Fuel Capable) | DG1Z-9H307-P<br>(Flex Fuel Capable) | DG1Z-9H307-S<br>(Non-Flex Fuel) | DG1Z-9H307-M<br>(Non-Flex Fuel) |
|--|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| Taurus AWD and Police Interceptor FWD & AWD 49 State/Non-Green State Emissions Flex Fuel Capable | х                                   | х                                   |                                 |                                 |
| Taurus AWD Police Interceptor FWD & AWD California/Green State Emissions Non-Flex Fuel           | х                                   | х                                   | х                               |                                 |
| Lincoln MKS AWD  | ×                                   | ×                                   | х                               | х                               |

X = Primary part built for this recall

x = Alternate part

# New! FUEL DELIVERY MODULE REFERENCE CHART BY PART NUMBER

| Vehicle Application                           |  |
|---|--|
| Taurus, Police Interceptor Sedan, Lincoln     |  |
| MKS, w 3.5L Ecoboost (GTDI)                   |  |
| Taurus, Police Interceptor Sedan, Lincoln     |  |
| MKS, w 3.5L Ecoboost (GTDI)                   |  |
| Taurus FWD                                    |  |
| w Cal/Green Sate Emissions (only),            |  |
| Lincoln MKS FWD, w 3.5L or 3.7L TiVCT         |  |
| Taurus FWD                                    |  |
| w Cal/Green Sate Emissions (only),            |  |
| Lincoln MKS FWD, 3.5L / 3.7L TiVCT            |  |
| Explorer, Lincoln MKT,                        |  |
| w 2.0L EcoBoost (GTDI)                        |  |
| Explorer, Police Interceptor Utility, Lincoln |  |
| MKT, Ford Flex, w 3.5L Ecoboost (GTDI)        |  |
| Explorer, Lincoln MKT                         |  |
| 2.0L EcoBoost (GTDI)                          |  |
| Ford Flex, Lincoln MKT,                       |  |
| w 3.5L or 3.7L TiVCT                          |  |
| Explorer, Police Interceptor Utility, Lincoln |  |
| MKT, Ford Flex, w 3.5L Ecoboost (GTDI)        |  |
| Explorer & Police Interceptor Utility         |  |
| w Cal/Green Sate Emissions (only),            |  |
| Ford Flex, Lincoln MKT, w 3.5L or 3.7L        |  |
| TiVCT   |  |
| Explorer & Police Interceptor Utility (all    |  |
| Emissions), Ford Flex, Lincoln MKT,           |  |
| w 3.5L or 3.7L TiVCT                          |  |
| Explorer &                                    |  |
| Police Interceptor Utility (all Emissions),   |  |
| w 3.5L or 3.7L TiVCT                          |  |
| Taurus AWD & Police Interceptor Sedan         |  |
| FWD/AWD (all Emissions),                      |  |
| Lincoln MKS AWD, w 3.5L or 3.7L TiVCT         |  |
| Taurus FWD (all Emissions) and                |  |
| Lincoln MKS FWD, w 3.5L or 3.7L TiVCT         |  |
| Taurus FWD, w 2.0L EcoBoost (GTDI)            |  |
| Lincoln MKS AWD, w 3.7L TiVCT                 |  |
|   |  |
| Taurus FWD, w 2.0L EcoBoost (GTDI)            |  |
| Taurus AWD & Police Interceptor Sedan         |  |
| FWD/AWD (all Emissions),                      |  |
| Lincoln MKS AWD, w 3.5L or 3.7L TiVCT         |  |
|   |  |
|   |  |
| Taurus FWD (all Emissions),<br>w 3.5L TiVCT   |  |
|   |  |

| Part Number                   | Vehicle Application  |  |
|-------------------------------|--|--|
| DG1Z9H307S<br>(Non-Flex Fuel) | Taurus AWD & Police Interceptor Sedan FWD/AWD w Cal/Green Sate Emissions (only), Lincoln MKS AWD, w 3.5L or 3.7L TiVCT |  |
| DG9Z9A407A                    | Fusion and Lincoln MKZ AWD,<br>w 2.0L EcoBoost (GTDI)  |  |
| DG9Z9A407B                    | Fusion and Lincoln MKZ FWD,<br>w 1.6L or 2.0L EcoBoost (GTDI)  |  |
| DG9Z9A407C                    | Fusion FWD,<br>w 2.5L iVCT   |  |
| DG9Z9A407D                    | Fusion and Lincoln MKZ,<br>Hybrid  |  |
| DG9Z9A407E                    | Lincoln MKZ,<br>w 3.7L TiVCT   |  |
| DG9Z9H307N                    | Fusion and Lincoln MKZ FWD,<br>w 1.6L or 2.0L EcoBoost (GTDI)  |  |
| DG9Z9H307P                    | Fusion FWD,<br>w 2.5L iVCT   |  |
| DG9Z9H307R                    | Fusion and Lincoln MKZ AWD,<br>w 2.0L EcoBoost (GTDI)  |  |
| DG9Z9H307S                    | Fusion and Lincoln MKZ,<br>Hybrid  |  |
| DG9Z9H307T                    | Lincoln MKZ,<br>w 3.7L TIVCT   |  |
| DG9Z9H307Y                    | Fusion and Lincoln MKZ FWD,<br>w 1.6L or 2.0L EcoBoost (GTDI)  |  |
| DG9Z9H307Z                    | Fusion FWD,<br>w 2.5L iVCT   |  |

#### NOTE:

Explorer, Flex, Lincoln MKT, Taurus, Lincoln MKS, Police Interceptor Utility and Sedan with 3.5L or 3.7L TiVCT Engines Only (Flex Fuel Applications)

- Non-Flex Fuel FDMs can <u>only</u> be used in non-Flex Fuel applications
- Flex Fuel Capable FDMs are compatible with the corresponding vehicles non-Flex Fuel applications

# New! LINCOLN OWNER SPECIAL HANDLING ALLOWANCE (Applies to sold vehicles only)

To "surprise & delight" Lincoln Owners; Lincoln Dealers are authorized to provide the following services to MKS, MKT and MKZ owners under Safety Recall 13S04.

- Lincoln Service Loaner (Rental) up to 2 days per ESP guidelines
   Note: For customer vehicles exhibiting a leak; if parts are not available, follow the procedures in Attachment I for Rental Vehicles
- Fuel Fill (up to \$75)
- Vehicle Pick-up and Delivery (up to \$100)
- Vehicle Wash and Vacuum (this is expected as part of the Lincoln Commitment Program)

This program is exclusive to Lincoln Dealers. Ford Stand-alone Dealerships servicing Lincoln Owners are not authorized to claim the special handling allowance. Owners will not be notified of this service in owner mailings.

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

- Enter Claims using Direct Warranty Entry (DWE) for Lincoln owner special handling allowance; refer to Attachment I for complete recall claims preparation and submission instructions.
- Rental: Follow Extended Service Plan (ESP) guidelines for dollar amounts. Enter the total
  amount of the Service Loaner (Rental) expense under Miscellaneous Expense Code
  "RENTAL". Expenses for more than two days require prior approval from the Special Service
  Support Center.
  - Misc. Expense Code: RENTAL
  - Misc. Expense Amount: Total amount
- Fuel Fill: Enter Miscellaneous Expense Code "FUEL" with actual cost up to \$75
  - Misc. Expense Code: FUEL
  - Misc. Expense Amount: Total amount
- Vehicle Pick-up and Delivery: Enter Miscellaneous Expense Code "LCHP" with actual cost up to \$100
  - Misc. Expense Code: LCHP
  - Misc. Expense Amount: Total amount
- Maintain supporting documentation for all Miscellaneous Expenses according to procedure as identified in the Warranty and Policy Manual.