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December 14, 2012

TO: All U.S. Ford and Lincoln Dealers

SUBJECT: **STOP SALE / DEMONSTRATION / DELIVERY HOLD - SAFETY RECALL 12S41 Supplement #3**
All 2013 Model Year Escape and Fusion Vehicles Equipped with a 1.6L Engine
Risk of Overheating that May Result in Engine Fires

REF: **STOP SALE / DEMONSTRATION / DELIVERY HOLD - SAFETY RECALL 12S41 Supplement #2** Dated December 13, 2012

New! REASON FOR THIS SUPPLEMENT

- *This supplement has the same content as Supplement #2 (highlighted in red), plus additional options listed in the technical instructions for adapters to pressure test the cooling system.*
- *Provide dealers with technical information and labor operations to repair Escape vehicles immediately. Fusion repair information will be available the week of December 17, 2012.*
- *Inform dealers that Escape customer and stock vehicles can now be repaired and if applicable, rental vehicles returned.*
- *Inform dealers that claims for rental tracking and allowance (62M41) should no longer be claimed for Escape vehicles since long term rentals should not be required.*
- *Inform dealers that a second owner mailing will occur the week of December 17, 2012.*
- *Inform dealers that customer vehicles should be washed and filled with fuel, and provide instructions to claim an allowance for this service.*
- *Advise dealers that a commercially available adapter is required to pressurize the cooling system of all affected vehicles during inspection. Dealers should check their tool inventory to see if they may need to obtain this adapter to complete repairs or obtain additional adapters to increase efficiency. Refer to Attachment III for an UPDATED list of example adapters.*
- *Update the Q & A (Attachment V).*

AFFECTED VEHICLES

All 2013 Model Year Escape vehicles equipped with a 1.6L engine built at the Louisville Assembly Plant from Job 1 through November 26, 2012, and all 2013 Model Year Fusion vehicles equipped with a 1.6L engine built at the Hermosillo Assembly Plant from Job 1 through November 29, 2012. 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 November 30, 2012.

REASON FOR THIS SAFETY RECALL

In some of the affected vehicles, engine overheating can lead to fluid leaks that may come into contact with the hot exhaust system, resulting in a fire.

Prior to a fire, engine overheating may be indicated by any of the following instrument cluster messages:

- "Power reduced to lower temperature"
- "High engine temperature Stop safely"
- "Engine Coolant Overtemperature"

The instrument cluster may also sound a chime and illuminate a red Engine Coolant Temperature indicator.

New! SERVICE ACTION

Before selling or demonstrating any of the vehicles involved in this recall, dealers are to:

- Check for diagnostic trouble codes.
- Reprogram the Powertrain Control Module (PCM) and the Instrument Panel Cluster (IPC):
 - Escape vehicles: Using IDS version 82.02A or later - available immediately
 - Fusion vehicles: Will be available the week of December 17, 2012
- Check for engine fluid leaks.

This service must be performed at no cost to the vehicle owner.

New! AFFECTED VEHICLES ARE NOT TO BE SOLD OR DEMONSTRATED

Stock Vehicles:

Dealers are to hold all stock vehicles until repairs are performed.

Sold Vehicles:

Dealers are to perform this service action as soon as possible and return vehicles to customers. All rental vehicles should be returned when the customer picks up their vehicle. A provision to wash and fill the customer vehicle with fuel is being added (see claims preparation and submission in Attachment II for claiming instructions).

New! OWNER NOTIFICATION MAILING SCHEDULE

Initial owner mailing occurred the week of December 3, 2012. A second mailing notifying owners that a service fix is available will occur the week of December 17, 2012, after the Fusion service fix is released. We encourage dealers to use their VIN list to call all affected Escape owners as soon as possible and advise them that repair procedures 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 a 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. Hold all vehicles in your vehicle inventory until further instructions are provided.

New! ATTACHMENTS

Attachment I: Administrative Information
Attachment II: Labor Allowances and Parts Ordering Information
Attachment III: Technical Information
Attachment V: Dealer Q & A
Owner Notification Letter (when available)

QUESTIONS & ASSISTANCE

Special Service Support Center (Dealer Assistance Only)1-800-325-5621

Sincerely,



Michael A. Berardi

STOP SALE / DEMONSTRATION / DELIVERY HOLD SAFETY RECALL 12S41 Supplement #3

All 2013 Model Year Escape and Fusion Vehicles Equipped with a 1.6L Engine
Risk of Overheating that May Result in Engine Fires

OASIS ACTIVATED?

Yes, OASIS will be activated on November 30, 2012.

FSA VIN LIST ACTIVATED?

Yes, FSA VIN list will be available through <https://web.fsavinlists.dealerconnection.com> on November 30, 2012. Owner names and addresses will also be available on November 30, 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.

New! SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Dealers are encouraged to proactively contact owners of affected vehicles *to repair Escape vehicles, and to make arrangements for rentals to get affected Fusion vehicles out of service as soon as possible.*
- Special Handling instructions apply to sold vehicles in the recall. Refer to "Special Handling Allowance" for details.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS.
- 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.

STOP SALE / DEMONSTRATION / DELIVERY HOLD SAFETY RECALL 12S41 Supplement #3
All 2013 Model Year Escape and Fusion Vehicles Equipped with a 1.6L Engine
Risk of Overheating that May Result in Engine Fires

OWNER REFUNDS

Alternate transportation refunds will be covered if the customer arranged for their own rental beginning November 30, 2012.

New! RENTAL VEHICLES / ALTERNATE TRANSPORTATION ARRANGEMENTS

Customers Already In Rentals

The use of long term rental vehicles should no longer be necessary for Escape vehicles. Dealers should repair customer vehicles as soon as possible and contact customers to return rental vehicles.

Customers Coming in for Repair After the Service Fix is Available

Rentals for up to three days at up to \$55 a day, which includes tax and damage waiver, will be allowed through January 2, 2013 to help clear out vehicles being held. Owners may drive their vehicle to the dealership for repair and should not need a rental if the vehicle can be repaired the same day.

Prior approval for all rentals after January 2, 2013, is required from the Special Service Support Center (1-800-325-5621).

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

Dealers are authorized to:

- Wash and vacuum the customer's vehicle
- Top-off the fuel tank

Dealers are authorized to claim \$75 to cover the above special handling actions.

TOWING (If required):

2013 Escapes and Fusion vehicles can be towed as follows:

- 4WD and AWD vehicles must be towed with all 4 wheels off the ground (flatbed or dolly).
- FWD vehicles can be towed with the front wheels off the ground or on a dolly.
- Towing is only reimbursable for transporting the vehicle to the dealership.
- A Special Roadside Assistance phone number is available 24 hours a day at 866-373-7095 to assist with 12S41 vehicle transportation needs.

New! RENTAL TRACKING AND ALLOWANCE

The allowance for rental tracking should no longer be claimed for Escape after December 13, 2012 and will be deactivated for Fusion once the service fix is available. Long term rental should not be required once a service repair is available.

STOP SALE / DEMONSTRATION / DELIVERY HOLD SAFETY RECALL 12S41 Supplement #3

All 2013 Model Year Escape and Fusion Vehicles Equipped with a 1.6L Engine

Risk of Overheating that May Result in Engine Fires

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 Recall repairs use Program Code 12S41 along with appropriate labor operations from Attachment II.*
- Claiming for towing, rental (*long & short term*), owner alternate transportation refunds, and special handling (*wash, vacuum, & fuel*): Use the following claiming instructions:
 - Program Code – 12Y01
 - RENTAL VEHICLES: Enter the total amount as Miscellaneous Expense code "RENTAL".
 - TOWING REIMBURSEMENT: Enter the total amount as Miscellaneous Expense code "TOW".
 - OWNER INITIATED ALTERNATE TRANSPORTATION REFUND: Enter the total amount as Miscellaneous Expense code "REFUND".
 - SPECIAL HANDLING: Enter \$75 as Miscellaneous Expense code "SCHP".
 - *It is not necessary to close and reopen all rental claims by December 31, 2012 as stated in Supplement I. Claims should be filed as soon as possible within normal submission timing guidelines.*
- Claiming for arranging *long-term alternate transportation/rental (After December 13, 2012, only Fusion is eligible for long term rental)*:
 - Dealers will be paid 0.2 hours handling allowance
 - Claims should be submitted as soon as the customer is provided the rental vehicle. Use the following claiming instructions:
 - Program Code - 62M41
 - Labor Operation 62M41B - 0.2 Hours
 - Repair Date should be the date the customer took delivery of the rental vehicle.
 - **Please file claim as soon as possible so that Ford can track vehicles that have been taken out of service.**

STOP SALE / DEMONSTRATION / DELIVERY HOLD SAFETY RECALL 12S41 *Supplement #3*

All 2013 Model Year Escape and Fusion Vehicles Equipped with a 1.6L Engine
Risk of Overheating that May Result in Engine Fires

New! LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Escape - Retrieve DTCs, Reprogram PCM & IPC, and inspect for fluid leaks	12S41B	1.4 Hour(s)
Fusion - Retrieve DTCs, Reprogram PCM & IPC, and inspect for fluid leaks	12S41C	1.2 Hour(s)

PARTS REQUIREMENTS / ORDERING INFORMATION

Parts are not required to complete this repair.

ALL 2013 MODEL YEAR ESCAPE AND FUSION VEHICLES EQUIPPED WITH A 1.6L ENGINE — RISK OF OVERHEATING THAT MAY RESULT IN ENGINE FIRES

OVERVIEW

Before selling or demonstrating any of the vehicles involved in this recall, dealers are to:

- Check for Diagnostic Trouble Codes (DTCs).
- Reprogram the Powertrain Control Module (PCM) and the Instrument Panel Cluster (IPC):
 - Escape vehicles: Using IDS version 82.02A or later - Available immediately.
 - Fusion vehicles: Available the week of 12/17/12.
- Check for engine fluid leaks.

This service must be performed at no cost to the vehicle owner.

NEW! SERVICE PROCEDURE

NOTE: A commercially available degas bottle pressure test adapter is required for pressure testing the cooling system. Dealers should check their tool inventory to see if they may need to obtain an adapter to complete repairs or obtain additional adapters to increase efficiency. Examples below (or equivalent) may be used:

Manufacturer	Degas Bottle Adapter
Snap-on	TA52
Blue Point	TAB10052
MAC	RA-10052
Matco	MPT0052
Redline SmartFit Universal Adapter Set	95-0750
Assenmacher	ASSFZ 47

NEW! NOTE: Follow all manufacturers instructions when using a universal cooling system pressure test adapter. Be sure the coolant bottle filler neck opening and adapter are clean and dry before use.

1. Open the hood and connect a battery charger.
2. If necessary, disable transport mode:
 - a. Place the ignition in the "ON" position.
 - b. Within 10 seconds, press and release the brake pedal 5 times, then press and release the hazard switch 4 times. For additional information, refer to Workshop Manual (WSM), Section 419-10.

Check DTCs

3. Using IDS/scan tool, retrieve DTCs.
 - If **DTCs are present**, diagnose and repair per WSM/Powertrain Control/Emission Diagnosis (PCED) instructions following completion of this Recall Service Procedure.
 - If **DTCs are not present**, proceed to Step 4.



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Important Information for Module Programming

NOTE: When programming or reprogramming a module, use the following basic checks to ensure programming completes without errors.

- Make sure the battery is fully charged before carrying out the programming steps and connect IDS/scan tool to a power source.
- Inspect Vehicle Communication Module (VCM) and cables for any damage. Make sure scan tool connections are not interrupted during programming.
- A hardwired internet connection is strongly recommended.
- Turn off all unnecessary accessories (radio, heated/cooled seats, head lamps, interior lamps, HVAC system, etc.), close doors.
- Disconnect/depower any aftermarket accessories (remote start, alarm, power inverter, CB radio, etc.).
- Follow all scan tool on-screen instructions carefully.
- Disable IDS/scan tool sleep mode, screensaver, hibernation modes.
- Create all sessions Key On Engine Off (KOEO). Starting the vehicle before creating a session will cause errors within the programming inhale process.

NOTE: Reprogram appropriate vehicle modules before performing diagnostics and clear all Diagnostic Trouble Codes (DTCs) after programming. For DTCs generated after reprogramming, follow normal diagnostic service procedures.

Module Reprogramming

NOTE: While module programming is being performed, the inspection and repair procedure can be started. Monitor IDS to complete module programming.

4. **NOTE:** The PCM and IPC are not reprogrammed as a pair, the modules must be reprogrammed separately.

Reprogram the PCM and then reprogram the IPC, to the latest calibration using:

- Escape vehicles: Using IDS version 82.02A or later - Available immediately.
- Fusion vehicles: Available the week of 12/17/12.

NOTE: After programming has completed, clear all CMDTCs and disconnect the battery charger.

NOTE: If programming has resulted in a blank module, refer to Page 12.

Inspection and Repair

All Vehicles

5. Remove the engine appearance cover.



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Escape Only

6. Remove the cowl panel. For additional information, refer to Workshop Manual (WSM), Section 501-02.

All Vehicles

NOTICE: When working with liquid or vapor tube connectors, make sure to use compressed air to remove any foreign material from the connector retaining clip area before separating from the tube or damage to the tube or connector retaining clip can occur. Apply clean engine oil to the end of the tube before inserting the tube into the connector.

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.

7. Disconnect the EVAP line quick connect coupling from the air intake tube center section. See Figure 1.

- Escape vehicles - Remove and set the clip aside for reinstallation to prevent it from falling into the engine compartment.
- Fusion vehicles - Pinch the tube connection to release the tube.

8. Loosen the 2 clamps and remove the air intake tube center section. See Figure 1.

NOTE: Escape shown, Fusion similar.

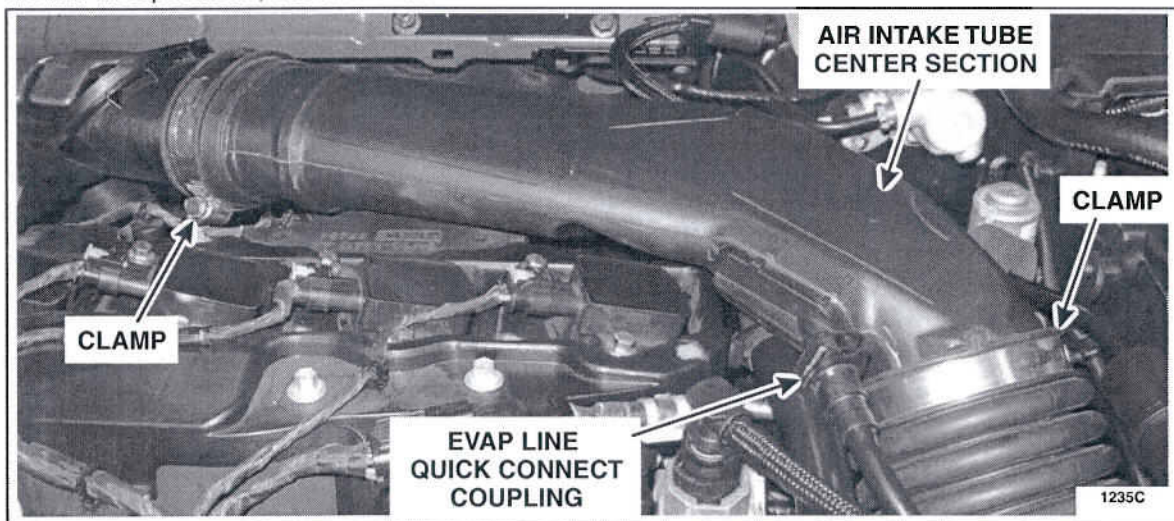


FIGURE 1

9. Perform an under hood visual inspection for any obvious coolant or oil leaks. Visually/physically verify that all coolant and oil hoses/tubes/fittings are properly attached.

- Repair any issues found before proceeding.



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WARNING: Always allow the engine to cool before opening the cooling system. Do not unscrew the coolant pressure relief cap when the engine is operating or the cooling system is hot. The cooling system is under pressure; steam and hot liquid can come out forcefully when the cap is loosened slightly. Failure to follow these instructions may result in serious personal injury.

10. Visually inspect for proper coolant level in the degas bottle. Coolant should be between the "Min" and "Max" lines on the degas bottle. See Figure 2.

- If coolant level is between the "Min" and "Max" lines on the degas bottle, proceed to Step 11.
- If coolant level is below the "Min" line but above the top of the degas bottle return hose connection, proceed to Step 11.
- If coolant level is below the top of the degas bottle return hose connection (see Figure 2), contact the Special Service Support Center (SSSC) for further instructions at 1-800-325-5621.

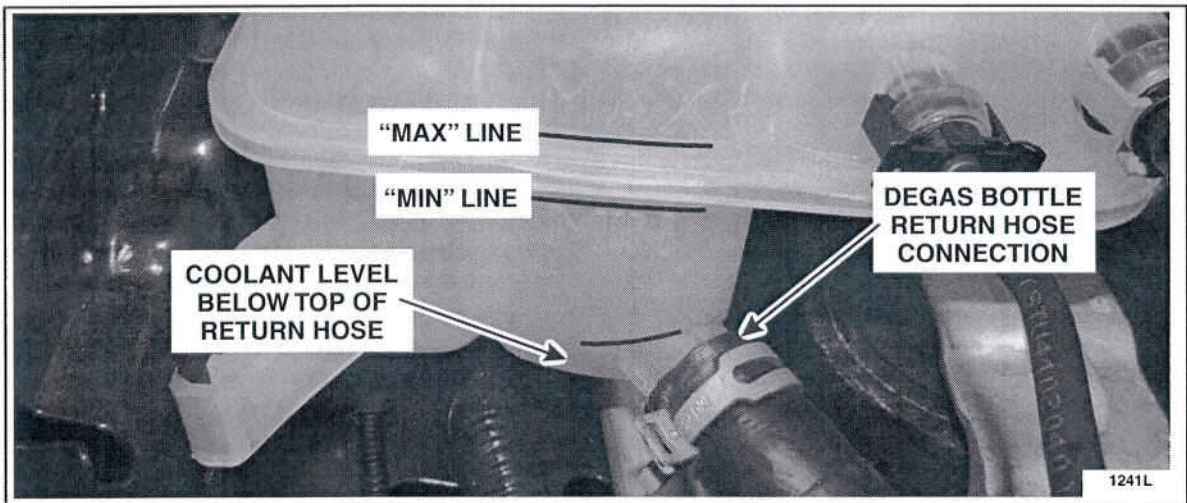


FIGURE 2

NOTE: The degas bottle cap may be difficult to remove and install due to its dual o-ring design. This is normal.

11. Remove the degas bottle cap.

Important! Inspect the degas bottle cap and degas bottle for any issues that would cause improper sealing, such as for cross-threading, burrs, damaged o-ring, etc.

- Install a *new* cap and/or degas bottle if any issues are found.

12. If the coolant level in the degas bottle is low, fill it to the correct level using Motorcraft® Orange Antifreeze/Coolant Prediluted VC-3DIL-B. For additional information, refer to WSM Section 303-03.



13. Install a suitable coolant system pressure tester, such as Rotunda pressure tester 014-R1072, and a suitable adapter (refer to the chart on Page 1) onto the degas bottle neck and pressurize the cooling system to 138 kPa (20 PSI). See Figure 3. Once the pressure has stabilized, the cooling system should hold the specified pressure for a minimum of 2 minutes.

- If the pressure drops within two minutes, inspect for leaks and repair as necessary.
 - Leave the cooling system pressurized for the remainder of this inspection.
- NOTE:** Do not open any cooling system connections while the system is pressurized.

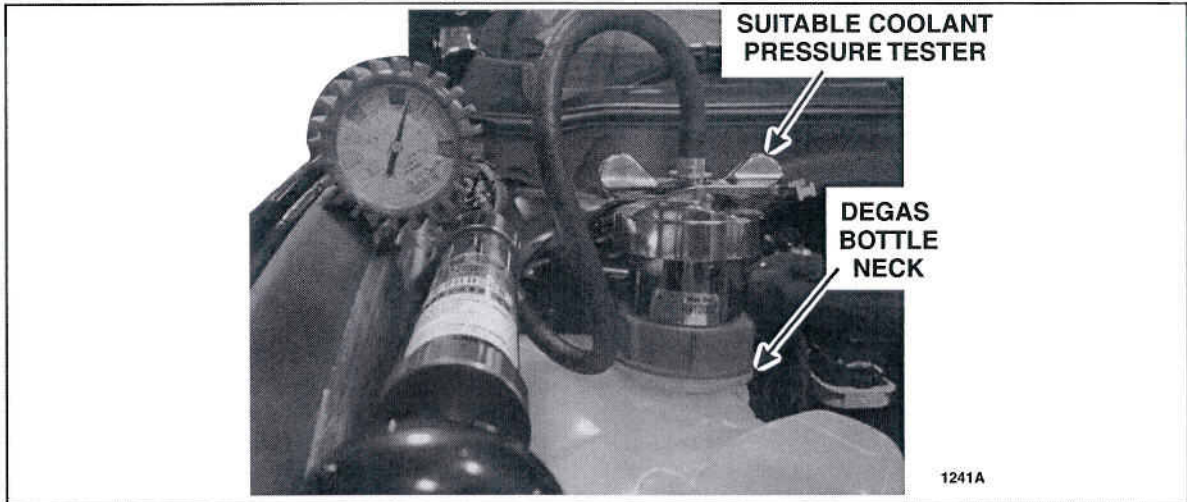


FIGURE 3

14. While maintaining pressure on the system, use a soap and water solution to spray/coat the coolant line connections that run from the turbocharger to the degas bottle. These lines typically contain coolant vapor, providing the degas bottle is not overfull. Observe for soap bubbles while the system is pressurized. See Figure 4.

- Repair any leaks as needed.

NOTE: Escape shown, Fusion similar.

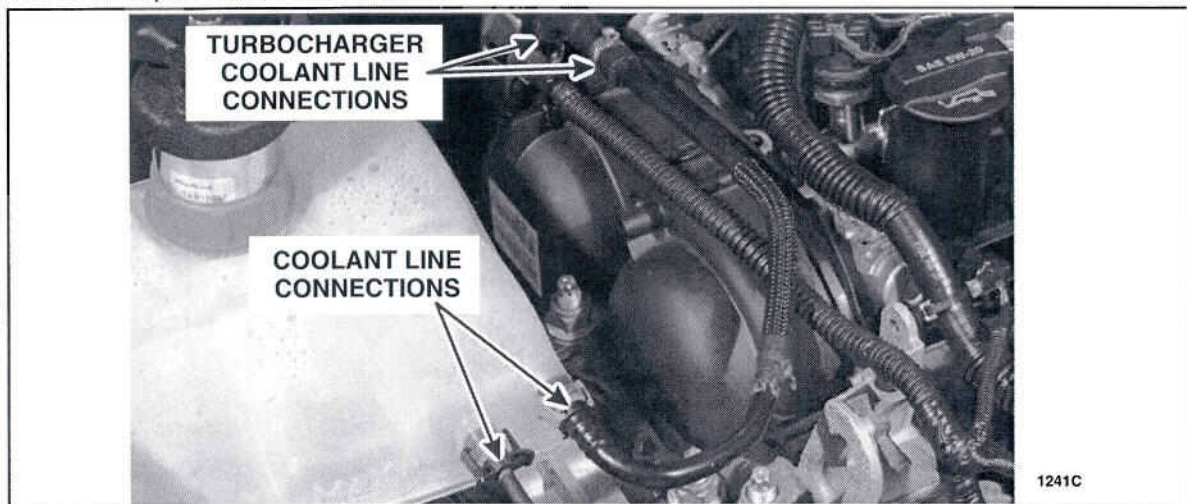


FIGURE 4



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15. Pull gently on the heater hoses at the heater core to verify connection. Inspect all heater hose and coolant hose connections for proper clamp installation and evidence of leaks. See Figure 5.

- Repair any leaks as needed.

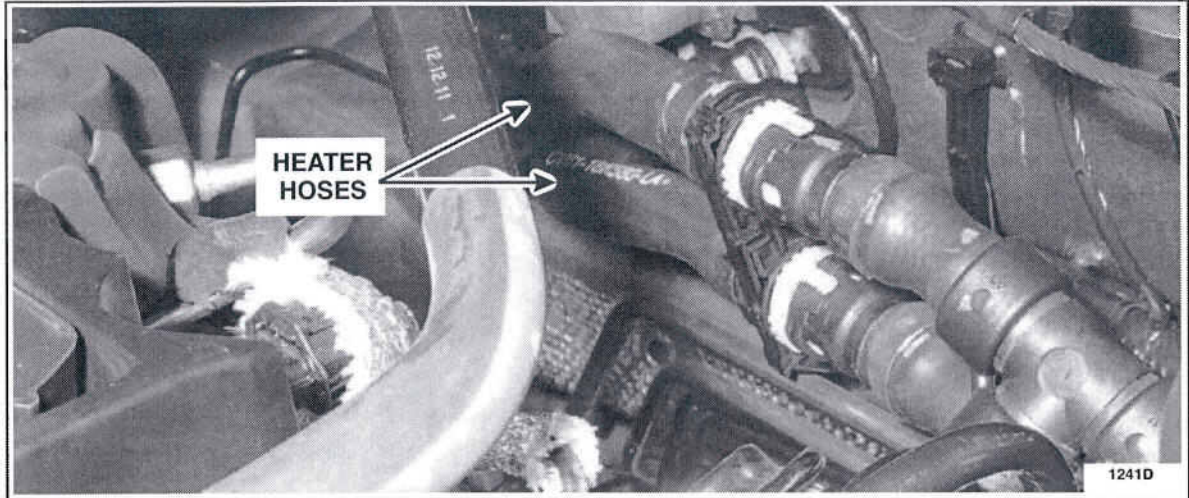


FIGURE 5

16. Inspect the PCV tube that connects to the back of the turbocharger fresh air intake tube for proper installation and evidence of oil leaks. See Figure 6.

- Repair any leaks as needed.

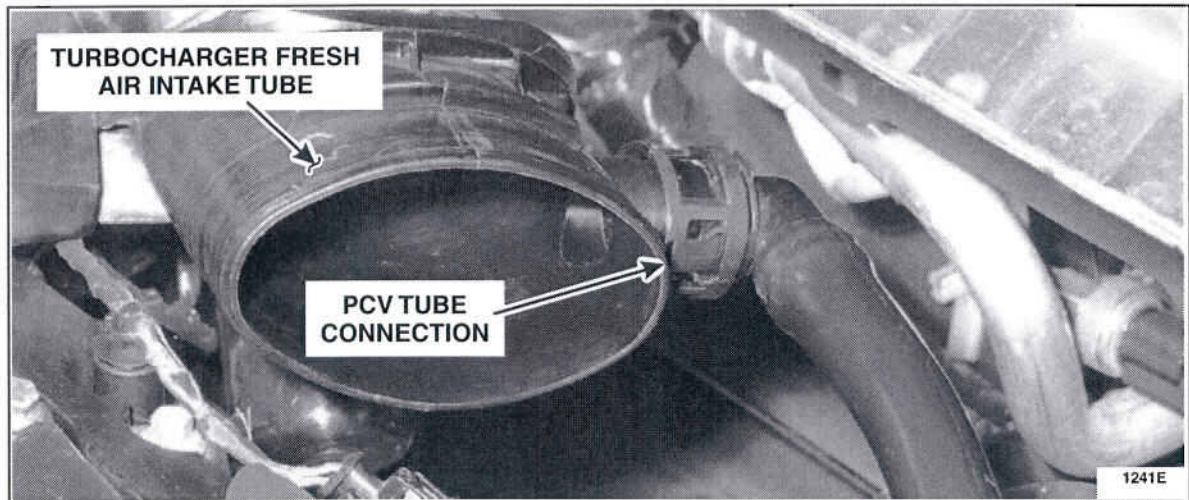


FIGURE 6



17. Inspect the mechanical vacuum pump mounted at the rear of the cylinder head and its surrounding area for oil leaks. See Figure 7.

- Repair any leaks as needed.

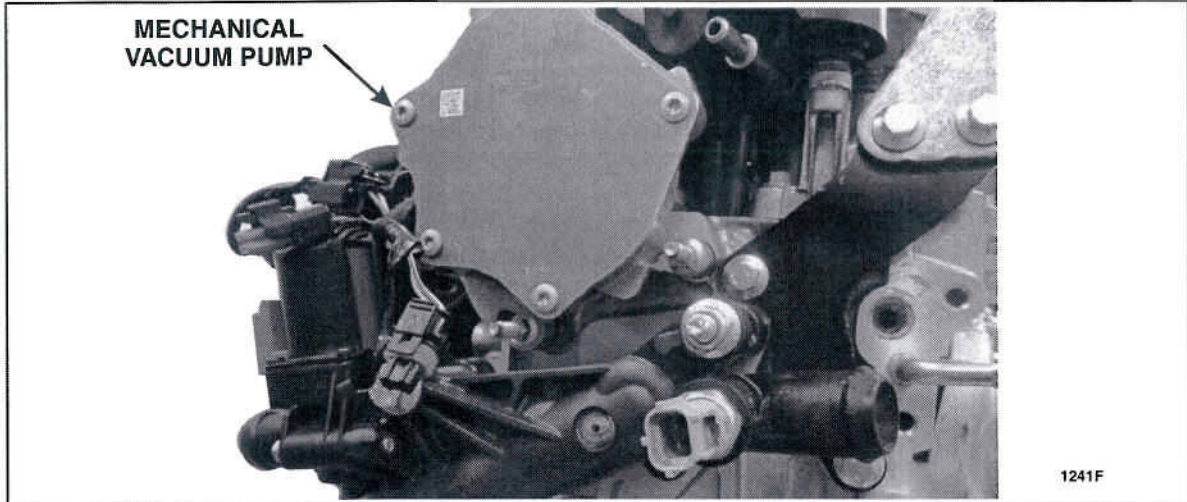


FIGURE 7

18. Inspect the area around the valve cover for oil leaks. See Figure 8.

- Repair any leaks as needed.

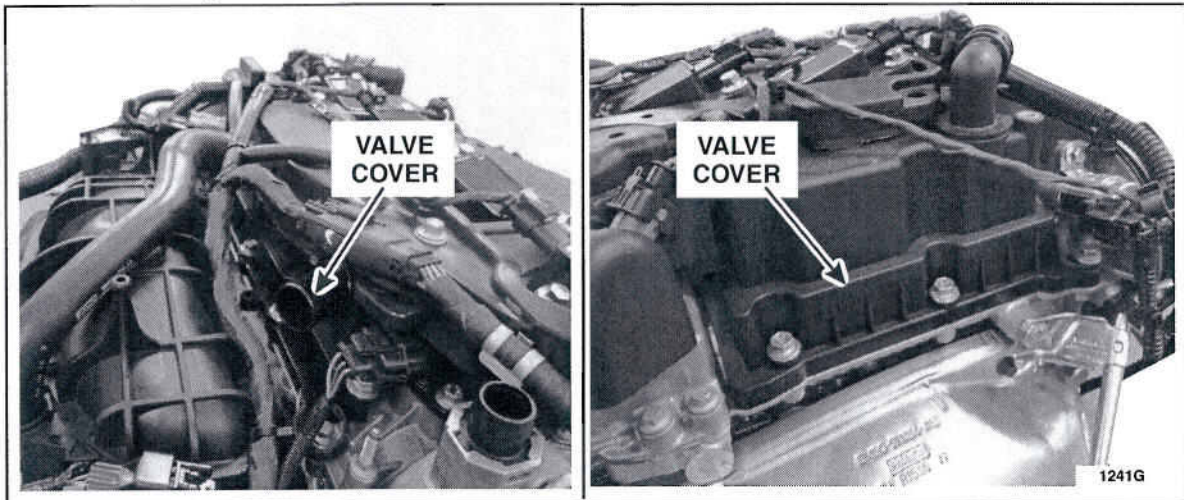


FIGURE 8



19. Inspect for oil leaks at the rear of the cylinder head where the high pressure fuel pump bridge meets the cylinder head. Use an inspection mirror and light if necessary. See Figure 9.

- Repair any leaks as needed.

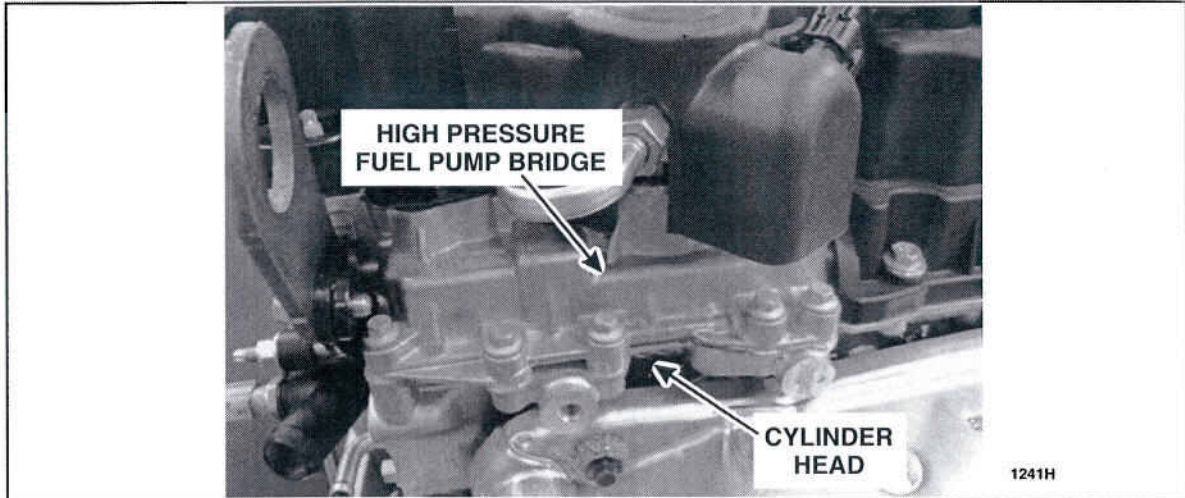


FIGURE 9

20. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to WSM, Section 100-02.



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21. Remove the retainers and the underbody air deflectors. See Figures 10 and 11.

NOTE: Escape shown.

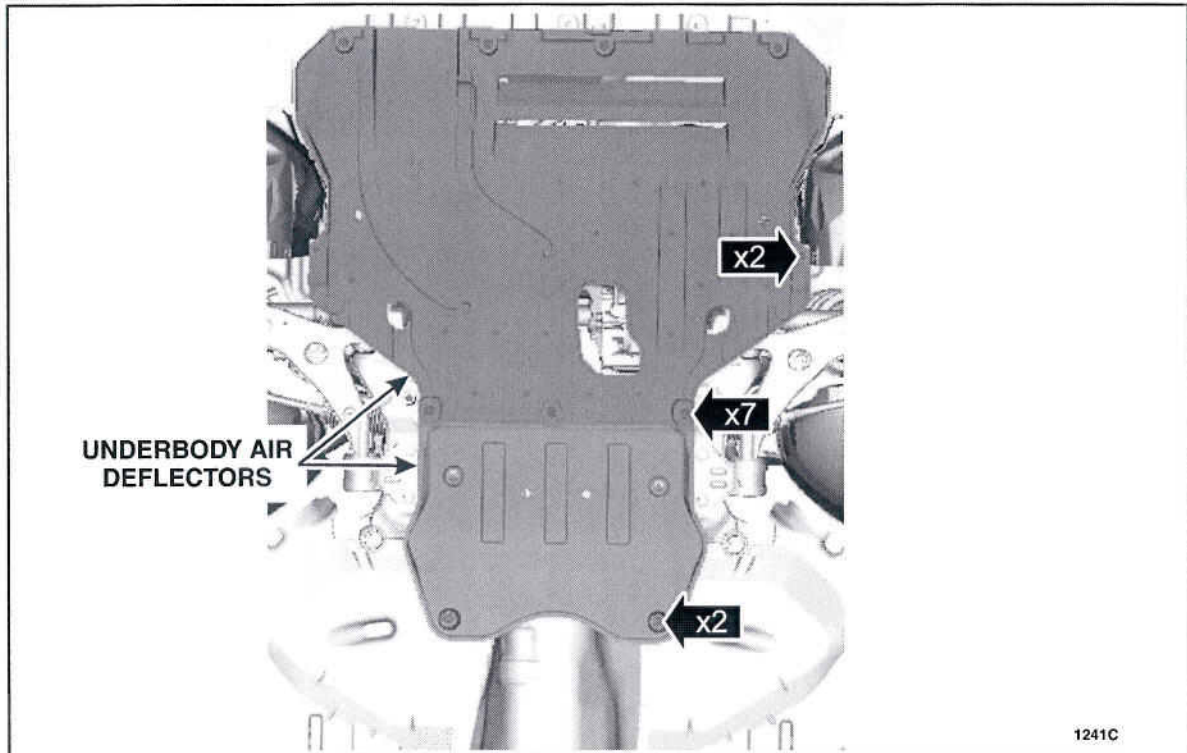


FIGURE 10

NOTE: Fusion shown.

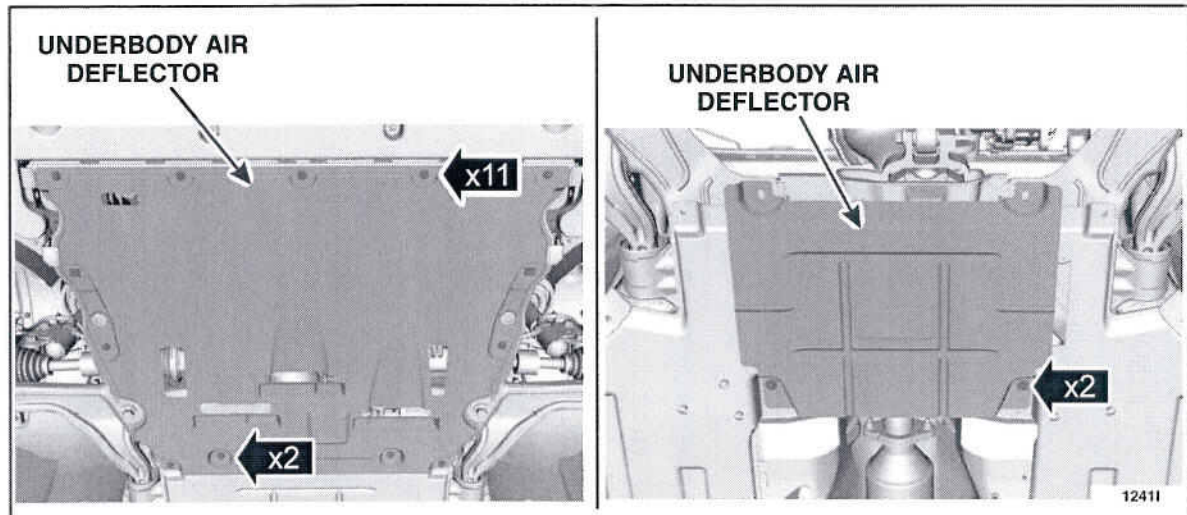


FIGURE 11



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22. Inspect for evidence of any oil leaks at the front cover, oil pan, crankshaft seals, and at the transmission to engine mating surface.
- Repair any leaks as needed.
23. Inspect for coolant leakage at the turbocharger cooling line connections and at the banjo bolt fittings. See Figure 12.
- Repair any leaks as needed.

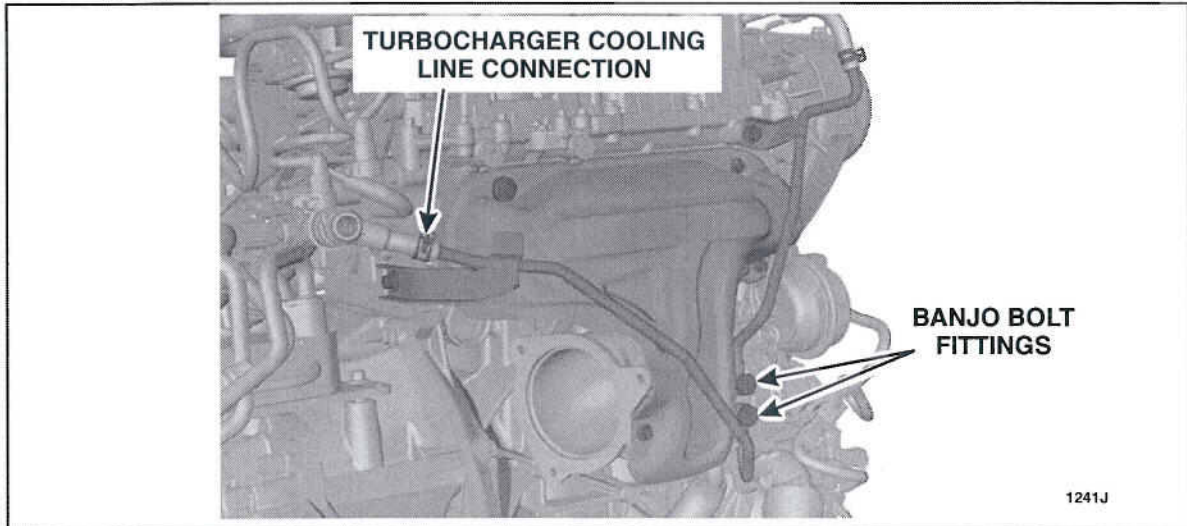


FIGURE 12

24. Inspect for oil leaks at the turbocharger oil feed and turbocharger oil return lines. See Figure 13.
- Repair any leaks as necessary.

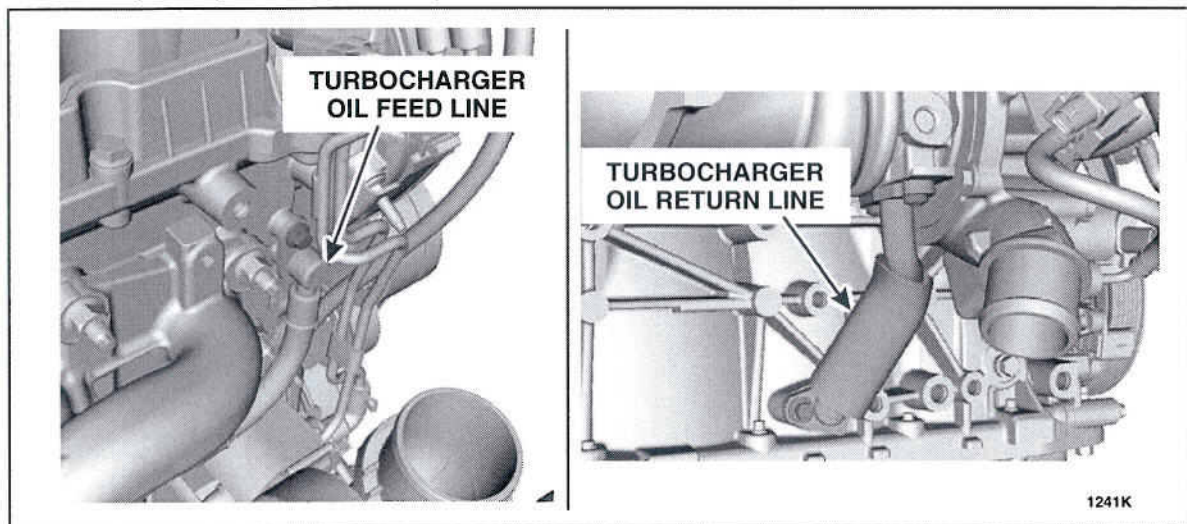


FIGURE 13



25. Install the underbody air deflectors and retainers. See Figures 10 and 11.

26. Remove the cooling system pressure tester and adapter from degas bottle.

NOTE: The degas bottle cap may be difficult to remove and install due to its dual o-ring design. This is normal.

27. Install the degas bottle cap.

Important! Verify that the cap makes one subtle/audible "click" just as it reaches its hard stop. The printing on the cap should be parallel with the engine center line when fully installed. See Figure 14.

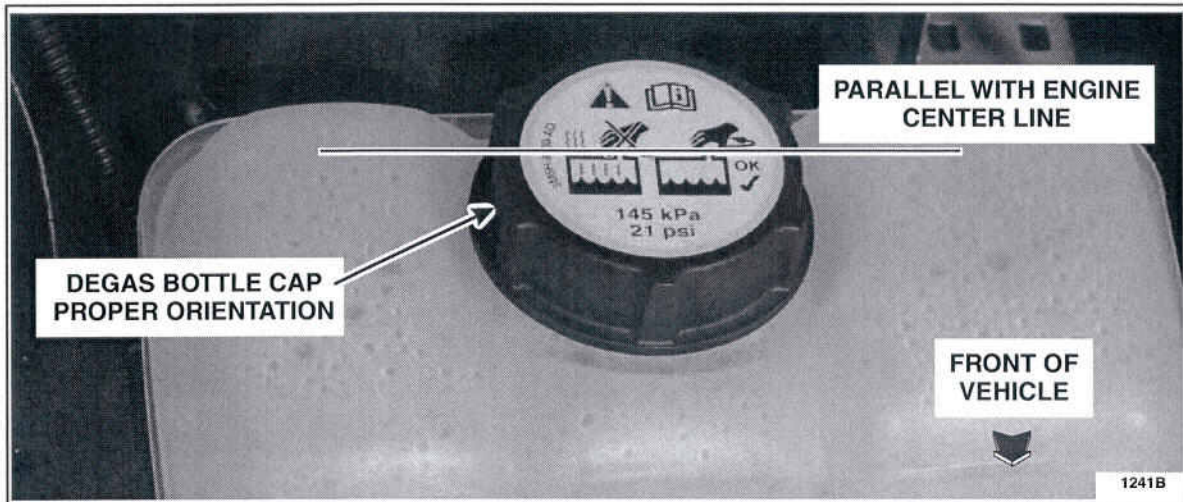


FIGURE 14

28. Install the air intake tube center section. See Figure 1.

- Tighten clamps to 5 Nm (44 lb-in).

29. Connect the EVAP line quick connect coupling to the air intake tube center section and install the retention clip. See Figure 1.

Escape Only

30. Install the cowl panel. For additional information, refer to WSM, Section 501-02.

All Vehicles

31. Install the engine appearance cover.

32. Return the vehicle to the customer.



Recovering when programming has resulted in a blank module: NEVER DELETE THE ORIGINAL SESSION!

1. Obtain the original IDS that was used when the programming error occurred during Module Reprogramming (MR) or Programmable Module Installation (PMI).
2. Disconnect the VCM from the data link connector (DLC) and the IDS.
3. Reconnect the VCM to IDS and then connect to the DLC. Once reconnected, the VCM icon should appear in the corner of the IDS screen. If it does not, troubleshoot the IDS to VCM connection.
4. Locate the ORIGINAL vehicle session when programming failed. This should be the last session used in most cases. If not, use the session created on the date that the programming failed.

NOTE: If the original session is not listed in the previous session list, click the "Recycle bin" icon at the lower right of the previous session screen. This will load any deleted sessions and allow you to look through them. Double-click the session to restore it.

5. Once the session is loaded, the failed process should resume automatically.
6. If programming does not resume automatically, proceed to the Module Programming menu and select the previously attempted process, Programmable Module Installation (PMI) or Module Reprogramming.
7. Follow all on-screen prompts/instructions.
8. Near the end of programming, the IDS will prompt you to select certain parameters. It is important to make a selection for ALL parameters listed. If the correct selection is already highlighted, you must still choose that selection before clicking the "Tick" mark to complete the configuration.
9. The last screen on the IDS may list additional steps required to complete the programming process. Make sure all applicable steps listed on the screen are followed in order.

