

Stacy L. Balzer Director Service Engineering Operations Ford Customer Service Division Ford Motor Company P. O. Box 1904 Dearborn, Michigan 48121

November 7, 2023

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

# SUBJECT: Customer Satisfaction Program 23B61

Certain 2023 Model Year Escape and Corsair Vehicles Equipped with a 2.0L Engine Seal Replacement for Turbocharger Coolant Return Tube to Cylinder Head

# PROGRAM TERMS

This program will be in effect through November 30, 2024. There is no mileage limit for this program.

#### **URGENCY / EXPIRATION DATE**

This Customer Satisfaction Program has an expiration date of November 30, 2024 to encourage dealers and customers to have this service performed as soon as possible.

We recommend dealers utilize their FSA VIN Lists' names and address to contact customers with affected vehicles. This will help minimize the number of vehicles that may overheat due to loss of coolant. FSA VIN Lists are expected to be available on November 7, 2023.

# AFFECTED VEHICLES

Vehicle	Model Year	Assembly Plant	Build Dates
Corsair	2022	LOUISVILLE	May 12, 2023 through June 6, 2023
Escape	2023		May 10, 2023 through June 6, 2023

US population of affected vehicles: 88. Affected vehicles are identified in OASIS and FSA VIN Lists.

**Note**: Some vehicles may be in the process of being repaired at the plant. Monitor OASIS before opening an RO and/or beginning a repair. Parts purchased for an FSA can be returned for credit if required. See the EXCESS STOCK RETURN details in Labor Allowances and Parts Ordering Information for more information.

#### **REASON FOR THIS PROGRAM**

In some of the affected vehicles, a turbocharger coolant return tube seal may have been damaged in the engine manufacturing assembly process. A damaged turbo coolant line seal may develop an engine coolant leak.

Customers may detect coolant loss and/or see coolant under the vehicle. If a customer does not notice the coolant leak under the vehicle and continues to drive with a low coolant level, the engine may overheat, an engine Malfunction Indicator Light (MIL) will illuminate, and the vehicle will be forced into limp-home mode.

# SERVICE ACTION

Dealers are to replace the turbocharger coolant return tube seal on the cylinder head. This service must be performed on all affected vehicles at no charge to the vehicle owner.

**Pick-Up and Delivery:** To assist vehicle owners to have this repair completed when parts are available, dealers should:

- Arrange to pick up the owner's vehicle and drive it to the dealership for repairs.
  - Re-deliver the owner's vehicle after repairs have been completed.
- Pick-up and delivery should be made available for all customers. Refer to the Rental and Claiming sections for further details.

# **OWNER NOTIFICATION MAILING SCHEDULE**

Owner letters are expected to be mailed the week of November 20, 2023. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

# **ATTACHMENTS**

- Administrative Information
- Labor Allowances and Parts Ordering Information
- Technical Instructions
- Mobile Service Repair Assessment
- Vehicle Pickup and Delivery Record
- Owner Notification Letter Ford
- Owner Notification Letter Lincoln

# **QUESTIONS & ASSISTANCE**

For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician System (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

Sincerely,

Story & Bal

Stacy L. Balzer

# **Customer Satisfaction Program 23B61**

# MOBILE SERVICE REPAIR ASSESSMENT LEVEL

All repairs in this program have the following assessment level.:
 Not a Mobile Service Repair

# OASIS ACTIVATION

OASIS will be activated on November 7, 2023.

# FSA VIN LISTS ACTIVATION

FSA VIN Lists will be available through <u>https://web.fsavinlists.dealerconnection.com</u> on November 7, 2023. Owner names and addresses will be available by December 8, 2023.

**NOTE:** Your FSA VIN Lists 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 program 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 service action.

# SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.
- Dealers are to prioritize repairs of customer vehicles over repairs of new and used vehicle inventory.

# STOCK VEHICLES

- Correct all affected units in your new vehicle inventory before delivery.
- Use OASIS to identify any affected vehicles in your used vehicle inventory.

# **BRANDED / SALVAGED TITLE VEHICLES**

Affected branded / salvaged title vehicles are eligible for this service action.

# OWNER REFUNDS

Refunds are not approved for this program.

# **RENTAL VEHICLES**

Rental vehicles are not approved for this program.

# Customer Satisfaction Program 23B61

# **PICK-UP AND DELIVERY- Participating Dealers**

Dealers participating in the Remote Experience Program:

Refer to EFC12071, 2023 Remote Experience Program, Pickup & Delivery (PDL) Offset • section for additional details.

# PICK-UP AND DELIVERY- Non-participating Dealers

Dealers not participating in the 2023 Remote Experience Program for PDL are authorized to claim unique services for completing this program.

- Dealers are authorized to claim one-half labor hour per repair for vehicle PDL services. Refer to Labor Allowances for details.
- Dealers must retain a Vehicle Pick-up & Delivery Record with the repair order documentation. LINCOLN PICKUP AND DELIVERY

Owners of 2017 MY and newer Lincoln vehicles have the option of requesting pickup and delivery service with a Lincoln loaner (up to 2 days), from their dealership. For details, reference EFC12060, 2023 Lincoln Pickup & Delivery Updates.

• For Lincoln vehicles outside of 4 years / 50,000-mile warranty, see labor claiming table below.

# ADDITIONAL REPAIR (LABOR TIME AND/OR PARTS)

Additional repairs identified as necessary to complete the FSA should be managed as follows:

- For related damage and access time requirements, refer to the Warranty and Policy Manual / • Section 6 – Ford & Lincoln Program Policies / General Information & Special Circumstances for FSAs / Related Damage.
- For vehicles within new vehicle bumper-to-bumper warranty coverage, no SSSC approval is required, although related damage must be on a separate repair line with the "Related Damage" radio button checked.
  - Ford vehicles 3 years or 36,000 miles
  - Lincoln vehicles 4 years or 50,000 miles
- For vehicles outside new vehicle bumper-to-bumper warranty coverage, submit an Approval Request to the SSSC Web Contact Site before completing the repair.

# **CLAIMS PREPARATION AND SUBMISSION**

- Claim Entry: Enter claims using Dealer Management System (DMS) or One Warranty • Solution (OWS) online.
  - When entering claims:
    - Claim type 31: Field Service Action
    - Sub Code: 23B61
    - Customer Concern Code (CCC): L87 Coolant Leak
    - Condition Code (CC): 12 Improper Assembly
    - Causal Part Number: 6N652, Quantity: 0
  - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.

#### Administrative Information Page 3 of 3

# Customer Satisfaction Program 23B61

#### **CLAIMS PREPARATION AND SUBMISSION** (continued)

- **Related Damage/Additional labor and/or parts**: Must be claimed as Related Damage on a separate repair line from the FSA with the same claim type and subcode as described in Claim Entry above.
  - **IMPORTANT:** Click the Related Damage Indicator radio button.
- Lincoln Pickup & Delivery: Claims for Lincoln Pickup & Delivery with a Lincoln loaner (up to 2 days) should be submitted on a separate line from the FSA. Refer to EFC12060, 2023 Lincoln Pickup & Delivery Updates for details.
  - For Lincoln vehicles outside of 4 years / 50,000-mile warranty, see labor claiming table below.

#### • Vehicle Pickup & Delivery:

- Dealers participating in the Remote Experience Program -
  - Refer to EFC12071, 2023 Remote Experience Program, Pickup & Delivery (PDL) Offset section for additional details.
- Dealers NOT participating in the Remote Experience Program
  - Dealers are authorized to claim one-half labor hour per repair for vehicle PDL services see labor table.
  - Dealers must retain a Vehicle Pick-up and Delivery Record with the repair order documentation.

# • Provision for Locally Obtained Supplies:

- o Intended for multiple repairs
- Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound (XG-3-A)
- Motorcraft<sup>®</sup> Metal Brake Parts Cleaner (**PM-4-A**, or **PM-4-B**).
  - Submit on the same line as the repair.
  - Program Code: 23B61
  - Misc. Expense: **OTHER**
  - Misc. Expense: Claim up to \$2.00

# Labor Allowances and Parts Ordering Information

Page 1 of 2

# **Customer Satisfaction Program 23B61**

# LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Replace <b>Seal</b> for Turbocharger <b>Coolant Return</b> Tube out of the Cylinder Head – Corsair and Escape	23B61B	1.2 Hours
Ford Vehicle PDL Allowance: <u>Non-eligible</u> Remote Experience Program Dealers <u>Only</u> . NOTE: Dealer-performed vehicle PDL and repairs only. Claim once.	23B61PP	0.5 Hours
Lincoln Vehicle PDL Allowance: <u>Only</u> vehicles <u>outside</u> of Lincoln PDL contract coverage of <b>4 years/50,000 miles</b> . NOTE: Dealer-performed vehicle PDL and repairs only. Claim once.	23B61LL	0.5 Hours

# PARTS REQUIREMENTS / ORDERING INFORMATION

Part Number	Description	Order Quantity	Claim Quantity
P2GZ-6N652-A	Seal - Turbocharger Coolant Return tube (1 per pack)	1	1
VC-13-G Or VC-13DL-G	Motorcraft® Yellow Concentrated Antifreeze/Coolant Or Motorcraft® Yellow Prediluted Antifreeze/Coolant	•	Gallon quired
XG-3-A	Grease and Dielectric Compound – To be used on multiple repairs	_	n as Other
PM-4-A or	Motorcraft® Metal Brake Parts Cleaner	Up to	\$2.00
PM-4-B	<ul> <li>To be used on multiple repairs</li> </ul>	Тс	otal

Order your parts requirements through normal order processing channels. To guarantee the shortest delivery time, an emergency order for parts must be placed.

# DEALER PRICE

For the latest prices, refer to DOES II.

# PARTS RETENTION, RETURN, & SCRAPPING

Follow the provisions of the Warranty and Policy Manual, Section 1 - WARRANTY PARTS RETENTION AND RETURN POLICIES. If a replaced part receives a scrap disposition, the part must be scrapped by all applicable local, state, and federal environmental protection and hazardous material regulations. Federal law prohibits selling motor vehicle parts or components that are under safety, compliance, or emissions recall.

# EXCESS STOCK RETURN

The excess stock returned for credit must have been purchased from Ford Customer Service Division by Policy Procedure Bulletin 4000.

#### Labor Allowances and Parts Ordering Information

Page 2 of 2

#### **Customer Satisfaction Program 23B61**

#### REPLACED FSA PARTS INSPECTION AND SIGN OFF

Effective March 1<sup>st,</sup> 2021, all parts replaced as part of an FSA repair with a repair order open date of March 1<sup>st,</sup> 2021, or later must be inspected and signed off on the repair order by a member of your dealer's fixed operations management team or an employee the task has been delegated to. If the task is to be delegated to a non-management employee, the employee needs to be someone other than the technician who completed the repair and needs to understand the importance of completing this task consistently and accurately.

- All parts replaced as part of an FSA repair should be returned to the parts department following the Warranty Parts Retention and Return Policies.
- Inspect the replaced parts to verify the FSA repair was completed.
- If the FSA repair is found to be complete, the designated employee signs the repair order line or parts return stamp area (electronic or hand signed) for the FSA repair indicating the parts were inspected and validated to have been replaced.
- After the parts have been inspected, they should be handled based on the guidance in the parts status report in the Online Warranty System (Hold, Return, CORE, Scrap, etc.). Please visit FMCDEALER > PARTS & SERVICE > WARRANTY ADMINISTRATION & WARRANTY PARTS RETURN for the latest Immediate Scrap List information.
- This process is subject to review during warranty audits for FSA repairs with a repair order open date of March 1<sup>st,</sup> 2021, or later. Any eligible FSA claims requiring parts replacement found not to have been inspected and signed off during a warranty audit will be subject to chargeback and consideration for enrollment into the Dealer Incomplete Recall Repair Process.

**Note**: Other approvals (electronic or handwritten) for add-on repair lines, dealer-owned vehicle repairs, and repeat repairs do not qualify as FSA parts inspection approvals. The post-repair FSA parts inspection process (electronic or handwritten) is independent of other warranty approval requirements. The approval by the designated employee implies that the FSA parts were found to be replaced and must be able to be identified on the Repair Order. If multiple FSAs require approval on a single Repair Order, each applicable occurrence will require individual post-repair approval by the designated employee.



Ford Motor Company Ford Customer Service Division P. O. Box 1904 Dearborn, Michigan 48121

November 2023

Customer Satisfaction Program 23B61

Mr. John Sample 123 Main Street Anywhere, USA 12345

Your Vehicle Identification Number (VIN): 12345678901234567

At Ford Motor Company, we are committed not only to building high-quality, dependable products but also to building a community of happy, satisfied customers. To demonstrate that commitment, we are providing a no-charge Customer Satisfaction Program for your vehicle with the VIN shown above.

Why are you receiving this notice?	In some of the affected vehicles, a turbocharger coolant line seal may have been damaged in the engine manufacturing assembly process. A damaged turbo coolant line seal may develop an engine coolant leak.
What is the effect?	You may see a coolant loss or see coolant under the vehicle. If an engine coolant leak is not repaired and the vehicle continues to be driven with a low coolant level, the engine may overheat, an engine Malfunction Indicator Light (MIL) will illuminate, and the vehicle will be forced into limp-home mode.
What will Ford and your dealer do?	In the interest of customer satisfaction, Ford Motor Company has authorized your dealer to replace the seal for the turbocharger coolant supply line free of charge (parts and labor) under the terms of this program. This Customer Satisfaction Program will be in effect until November 30, 2024 regardless of mileage. Coverage is automatically transferred to subsequent owners.
How long will it take?	The time needed for this repair is less than one-half day. However, due to service scheduling requirements, your dealer may need your vehicle for a longer period of time. Additional time may be required to allow the engine to cool before performing this repair.
What should you do?	Please call your dealer without delay to schedule a service appointment for Customer Satisfaction Program <b>23B61</b> . Provide the dealer with your VIN, which is printed near your name at the beginning of this letter. If you do not already have a servicing dealer, you can access
	ford.com/support for dealer addresses, maps, and driving instructions.

What should you do? (continued)	Ford Motor Company wants you to have this service action completed on your vehicle. The vehicle owner is responsible for making arrangements to have the work completed. Ford Motor Company can deny coverage for any vehicle damage that may result from the failure to have this service action performed on a timely basis. Therefore, please have this service action performed as soon as possible.
	<b>NOTE</b> - You can receive information about Recalls and Customer Satisfaction Programs through our FordPass App. The app can be downloaded through the App Store or Google Play. In addition, there are other features such as reserving parking in certain locations and controlling certain functions on your vehicle (lock or unlock doors, remote start) if it is equipped to allow control.
What if you no longer own this vehicle?	If you no longer own this vehicle and have an address for the current owner, please forward this letter to the new owner.
	You received this notice because our records, which are based primarily on state registration and title data, indicate that you are the current owner.
Can we assist you further?	If you have difficulties getting your vehicle repaired promptly and without charge, please contact your dealership's Service Manager for assistance. <u>RETAIL OWNERS</u> : If you have questions or concerns, please contact our <b>Ford Customer Relationship Center at 1-866-436-7332</b> and one of our representatives will be happy to assist you. If you wish to contact us through the Internet, our address is: <u>ford.com/support</u> . For the hearing impaired call 1-800-232-5952 (TDD). Representatives are available Monday through Friday: 8:00 AM – 8:00 PM (Eastern Time). <u>FLEET OWNERS</u> : If you have questions or concerns, please contact our <b>Ford Pro Contact Center at 1-800-34-FLEET</b> , choose Option #1, and one of our representatives will be happy to assist you. If you wish to contact us through the Internet, our address is <u>fleet.ford.com</u> . Representatives are available Monday through Friday: 7:00 AM – 11:00 PM and Saturday 7:00 AM – 5:00 PM (Eastern Time).

Thank you for your attention to this important matter.

Ford Customer Service Division



Lincoln P. O. Box 1904 Dearborn, Michigan 48121

November 2023

Customer Satisfaction Program 23B61

Mr. John Sample 123 Main Street Anywhere, USA 12345

Your Vehicle Identification Number (VIN): 12345678901234567

At Lincoln, we are committed not only to building high-quality, dependable products but also to building a community of happy, satisfied customers. To demonstrate that commitment, we are providing a no-charge Customer Satisfaction Program for your vehicle with the VIN shown above.

Why are you receiving this notice?	In some of the affected vehicles, a turbocharger coolant line seal may have been damaged in the engine manufacturing assembly process. A damaged turbo coolant line seal may develop an engine coolant leak.
What is the effect?	You may see a coolant loss or see coolant under the vehicle. If an engine coolant leak is not repaired and the vehicle continues to be driven with a low coolant level, the engine may overheat, an engine Malfunction Indicator Light (MIL) will illuminate, and the vehicle will be forced into limp-home mode.
What will Lincoln and your retailer do?	In the interest of customer satisfaction, Lincoln has authorized your retailer to replace the seal for the turbocharger coolant supply line free of charge (parts and labor) under the terms of this program. This Customer Satisfaction Program will be in effect until November 30, 2024 regardless of mileage. Coverage is automatically transferred to subsequent owners.
How long will it take?	The time needed for this repair is less than one-half day. However, due to service scheduling requirements, your retailer may need your vehicle for a longer period of time. Additional time may be required to allow the engine to cool before performing this repair.
What should you do?	Please call your retailer without delay to schedule a service appointment for Customer Satisfaction Program <b>23B61</b> . Provide the retailer with the VIN of your vehicle. The VIN is printed near your name at the beginning of this letter.
	Lincoln owners that are still within 4 years or 50,000 miles affected by this program have the option of requesting complimentary Pick-Up & Delivery service with a Lincoln vehicle for use during service. Please request Lincoln

What should you do? (continued)	Pick-Up & Delivery through your retailer if you would like to take advantage of this option.
. ,	If you do not already have a servicing retailer, you can access Lincoln.com/support for retailer addresses, maps, and driving instructions.
	Lincoln wants you to have this service action completed on your vehicle. The vehicle owner is responsible for making arrangements to have the work completed. Lincoln can deny coverage for any vehicle damage that may result from the failure to have this service action performed on a timely basis. Therefore, please make arrangements to have this service action performed as soon as possible.
	<b>NOTE:</b> You can receive information about Recalls and Customer Satisfaction Programs through The Lincoln Way: Lincoln Owner App. The app can be downloaded through the App Store or Google Play. In addition, there are other features such as controlling certain functions on your vehicle (lock or unlock doors, remote start) if it is equipped to allow control.
What if you no longer own this vehicle?	If you no longer own this vehicle and have an address for the current owner, please forward this letter to the new owner.
	You received this notice because our records, which are based primarily on state registration and title data, indicate you are the current owner.
Can we assist you further?	If you have difficulties getting your vehicle repaired promptly and without charge, please contact your retailer's Service Manager for assistance.
	<u>RETAIL OWNERS</u> : If you have questions or concerns, please contact our <b>Customer Relationship Center at 1-866-436-7332</b> and one of our representatives will be happy to assist you. If you wish to contact Lincoln, contact information is available at <u>Lincoln.com/support</u> .
	For the hearing impaired, call 1-800-232-5952 (TDD). Representatives are available Monday through Friday: 8:00 AM – 8:00 PM (Eastern Time).
	<u>FLEET OWNERS</u> : If you have questions or concerns, please contact our <b>Ford Pro Contact Center at 1-800-34-FLEET</b> , choose Option #1, and one of our representatives will be happy to assist you. If you wish to contact us through the Internet, our address is fleet.ford.com.
	Representatives are available Monday through Friday: 7:00 AM – 11:00 PM and Saturday 7:00 AM – 5:00 PM (Eastern Time).

Thank you for your attention to this important matter.

Lincoln

# Mobile Service Repair Assessment Page 1 of 2

# Customer Satisfaction Program 23B61

# **Mobile Service Repair Assessment**

Assessment levels have been identified to help determine the ease of performing eligible mobile service repairs for a Field Service Action (FSA) outside of the dealership service facility.

#### **Dealer Bulletin**

Within the Administrative Information Attachment of the dealer bulletin a mobile service repair assessment level(s) will be provided. These assessment levels have been determined using the amount of time, equipment and labor identified to perform the intended service action.

# Assessment Levels

- Mobile Reprogramming
- Light Mobile Service
- A Enhanced Mobile Service
- Advanced Mobile Service عمر عمر عمر
- 🐵 Wheel and Tire Mobile Service
- <sup>I</sup>⊗- Not a Mobile Service Repair

# Description of each level that is used to determine the overall assessment.

- Mobile Reprogramming
  - Module Programming or similar type services
  - Minimum tools maybe required other than an IDS/FDRS setup
  - FDRS programming that requires internet connection (wi-fi or mobile hotspot)
  - Make sure vehicle has a charge port to ensure battery voltage is maintained during flashing of the module(s)
  - Repairs not greater than 1 hour in length (including time to wait for programming)

Note: The location will need a charging station or wall box to maintain the 12-volt battery.

🛹 🖍 – Light Mobile Service

- Interior repair procedures that do not require seat, dash, or headliner removal
- Under hood repairs that do not require large component removal
- Exterior repairs that do not require large component/panel removal
- Repairs may require standard hand tools (Access to a Technician starter kit or similar)

#### Mobile Service Repair Assessment Page 2 of 2

# Customer Satisfaction Program 23B61

- Enhanced Mobile Service

- A two-person process is required anytime a procedure requires work under the vehicle
- Brake Inspection and Brake Repair/Replacement
- Limited Suspension Component replacement (no alignment)
- Under Vehicle access for limited repairs (no large component removal)
- Vehicle Check Up VCU
- Pre-Delivery Inspection PDI
- Used Car Inspection/Presale Inspection
- May require floor jack, jack stands, and impact tools

Note: Wheel lock may be required.

- Advanced Mobile Service

- Fluid Exchange/Oil Change
- Light Repairs
- Brake Hydraulic Repairs

❸ – Wheel and Tire Mobile Service

- Tire Removal from Wheel
- Tire Balancing
- Tire Repair

Note: Specialized Mobile Service unit and equipment including Tire balancer and Tire Changer required.

Service Repair
Service Repair

- Large component removal
- BEV Battery Replacement
- Requires a vehicle hoist to complete the repair (more than inspection)
- Required vehicle alignment
- Requires significant vehicle disassembly
- Repairs greater than 2-3 hours
- Any repairs that require M-Time
- Includes a service procedure where the vehicle owner may be distressed about the state of their vehicle

# CERTAIN 2023 MODEL YEAR ESCAPE AND CORSAIR VEHICLES EQUIPPED WITH A 2.0L ENGINE — SEAL REPLACEMENT FOR TURBOCHARGER COOLANT RETURN TUBE TO CYLINDER HEAD

# SERVICE PROCEDURE

NOTICE: Special attention needs to be given to the seal port for the turbocharger coolant tube. The seal port must be totally clean and free from O-ring residue, have no damage to the sealing surface and the tube to ensure that there are no leaks or repeat repairs.

1. Drain approximately 1 gallon of coolant from the vehicle.

- Escape vehicles, follow the WSM Section 303-03B.
- Corsair vehicles, follow the WSM Section 303-03A.



2. If equipped, remove the engine appearance cover.

NOTICE: Do not pull the engine appearance cover forward or sideways to remove. Failure to press straight upward on the underside of the cover at the attachment points may result in damage to the cover or engine components.

1. Remove the nut.

Torque: 89 lb.in (10 Nm)

- 2. Place your hand under the engine appearance cover at each grommet location and push straight up to release each grommet from the studs.
- 3. After all of the grommets have been released from the studs, remove the appearance cover from the engine. See figure 1.

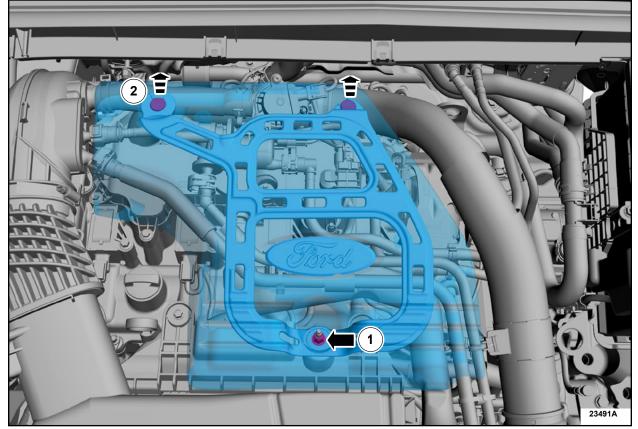


FIGURE 1



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- 3. Disconnect quick release couplings. See Figure 2.
  - Escape vehicles, follow the WSM Section 310-00B.
  - Corsair vehicles, follow the WSM Section 310-00A.

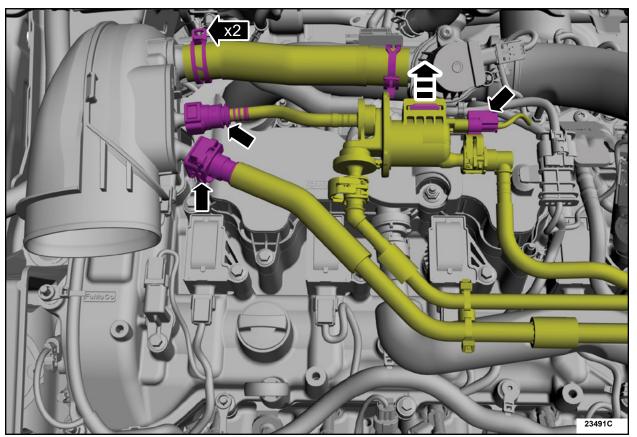
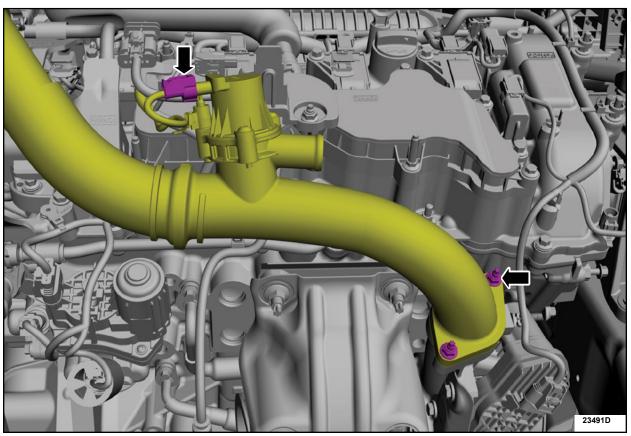


FIGURE 2

- 4. Position aside fuel vapor hose assembly. See Figure 2.
  - Disconnect the electrical connector and position aside fuel vapor hose assembly.
- 5. Loosen the clamps and remove the air bypass tube. See Figure 2.
  - Use the General Equipment: Hose Clamp Remover/Installer.



- 6. Remove Charge Air Cooler (CAC) intake tube nuts. See Figure 3.
  - Torque: 97 lb.in (11 Nm).



# **FIGURE 3**

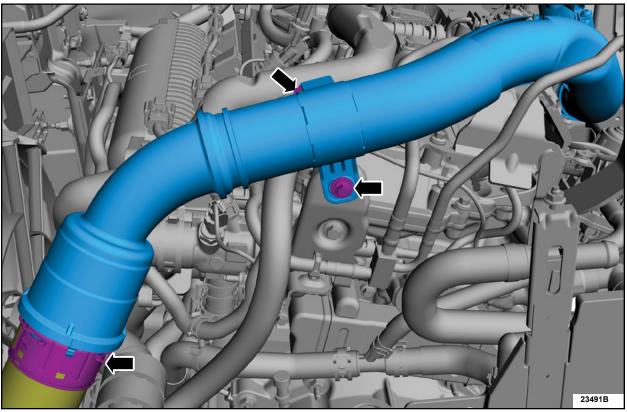
7. Disconnect the electrical connector and position aside the wiring harness. See Figure 3.



#### TECHNICAL INSTRUCTIONS PAGE 5 OF 9 CUSTOMER SATISFACTION PROGRAM 23B61

8. Remove (CAC) Intake Pipe. See Figure 4.

- Release the clip and detach the wiring harness.
- Remove the bolt.
- Torque: 97 lb.in (11 Nm).

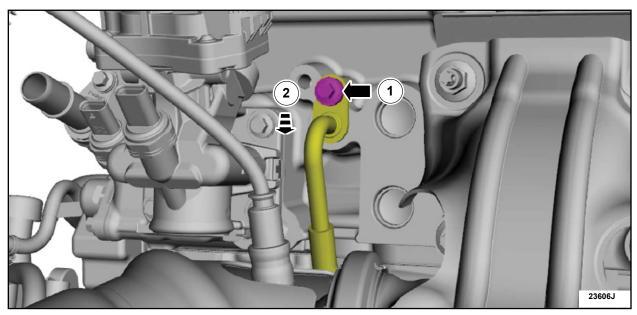


**FIGURE 4** 



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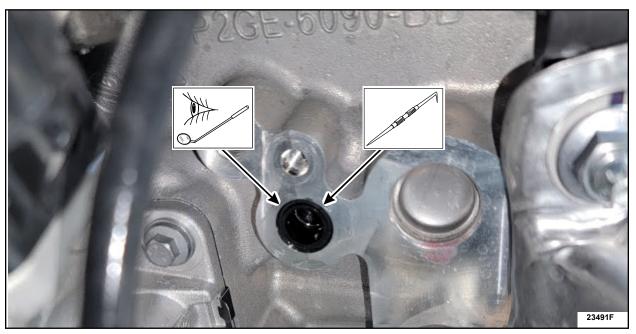
- 9. Remove the bolt, then position turbocharger coolant return tube out of the cylinder head. See Figure 5.
  - Torque: 97 lb.in (11 Nm).



**FIGURE 5** 



10. Remove and discard the turbocharger coolant return tube seal (will most likely be in the engine cylinder head). See Figure 6.



# **FIGURE 6**

NOTICE: Do not use a metal brush, damage to the sealing area will result in leaks.

- 11. Use brake cleaner and a nylon brush to clean. Clean the turbocharger coolant tube sealing surfaces. Inspect the sealing surfaces for debris or damage, make sure the retaining bracket is not bent.
  - Escape vehicles, follow the WSM Specifications Section 303-04E.
  - Corsair vehicles, follow the WSM Specifications Section 303-04C.

**NOTE:** Make sure a new turbocharger coolant supply tube seal is installed.

**NOTE:** Component(s) must be lubricated with clean engine coolant.



12. Install the new turbocharger coolant return tube seal on the turbocharger coolant return tube. See Figure 7.



**FIGURE 7** 



13. Hand tighten turbocharger coolant return tube bolt into the cylinder head. See Figure 8.



# **FIGURE 8**

- 14. Reassemble the vehicle by reversing Steps 9 through 1.
  - Torque the turbocharger coolant return tube bolt: 97 lb.in (11 Nm).

NOTE: Inspect the engine air intake system components and clean, if necessary.



# Pick-Up and Delivery Record Page 1 of 1

**Customer Satisfaction Program 23B61** 

# Vehicle Pick-Up and Delivery Record

VIN \_\_\_\_\_ received (check one):

□ Pick-up and/or delivery service

As outlined below for the 23B61 Field Service Action program.

□ Pick-up – Date: \_\_\_\_\_

Delivery – Date: \_\_\_\_\_

 Repair Order #
 Repair Order Date

 Service Manager Signature
 Date