



Service Engineering Operations  
Customer Service Division

Ford Motor Company  
PO Box 1904  
Dearborn, Michigan 48121

September 29, 2025

**TO:** All U.S. Ford and Lincoln Dealers  
**SUBJECT:** **NEW VEHICLE DEMONSTRATION / DELIVERY HOLD**  
**Safety Recall 18S29 - Supplement #1**  
Certain 2017-2018 Model Year Ford GT Vehicles  
Module Reprogramming  
**REF:** **Safety Recall 18S29**  
Dated November 19, 2018

**New! REASON FOR THIS SUPPLEMENT**

- **Service Action Update:** Service action has been updated to include Software Verification Approval Code Requirement.
- **Technical Information:** Added SSSC involvement for required tools, Software Verification Approval Code Requirement, and clarity to programming procedure.
- **Current Policies and Procedures:** Current policy and procedure documentation has been added.
- **Labor Operations:** Labor operations have been updated.

**AFFECTED VEHICLES**

Vehicle	Model Year	Assembly Plant	Build Date Range
Ford GT	2017-2018	Multimatic	August 11, 2017 through June 18, 2018

U.S. population of affected vehicles: 176. Affected vehicles are identified in OASIS and FSA VIN Lists.

**REASON FOR THIS SAFETY RECALL**

In some of the affected vehicles, fluid pressure within the Active Aero wing valve block assembly can exceed the capabilities of the seals, which may result in a leak of hydraulic fluid. Leaking of hydraulic fluid in the presence of an ignition source can increase the risk of a fire.

## **New! SERVICE ACTION**

Before demonstrating or delivering any new in-stock vehicles involved in this recall, and for all sold vehicles, dealers are to:

- Update the Vehicle Dynamics Control Module (VDM) software on all vehicles. The software update will be performed using a Movimento PUMA tool and two Universal Serial Bus (USB) flash drives.

***NOTE: Dealers must submit a part order request to the Special Service Support Center (SSSC) to have a PUMA tool and USB drives shipped to them. After the repair is completed, the PUMA tool and USB drives must be returned to Ford using a provided prepaid return label. Once the PUMA tool and USB drives are returned, log files will be reviewed and an approval code provided as part of the software verification process. See the Claims Preparation and Submission section in this Bulletin for more information.***

- Some of the affected vehicles will also require replacement of the Active Aero Wing Check Valve and/or replacement of the Power Steering Pump O-rings and Hydraulic System Filter. Refer to the Vehicle Repair Table in ATTACHMENT V, arranged by VIN, to determine if a vehicle requires hydraulic system repairs.

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

## **OWNER NOTIFICATION MAILING SCHEDULE**

Owner letters were mailed the week of November 26, 2018. 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 \$27,168 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.**

## **ATTACHMENTS**

Attachment I:	Administrative Information
Attachment II:	Labor Allowances and Parts Ordering Information
Attachment III:	Technical Information – VDM Software Update
Attachment IV:	Technical Information – Hydraulic System Repair
Attachment V:	Vehicle Repair Table
Attachment VI:	Recall Reimbursement Plan
Owner Notification Letter	


## **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 Society (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

Customer Service Division

## Safety Recall 18S29 - *Supplement #1*

### **New! MOBILE SERVICE REPAIR ASSESSMENT LEVEL**

- All repairs in this program have the following assessment level:  
 - Advanced Mobile Service

### **New! MOBILE REPAIR RECOMMENDATIONS**

- Confirm with the customer a mobile repair is feasible.
- Check OASIS before going to the customer's home or business to confirm if any other outstanding FSA needs to be completed.
- Transportation – due to the simplicity of this repair, a specialty vehicle is not required.

### **New! MOBILE REPAIR ADDITIONAL INFORMATION**

Please ensure the technician brings the following to the mobile repair destination:

- Printed Technical Instructions
- Printed Repair/Work Order or any other necessary documentation as customer copy(s)
  - Documents could also be emailed to the customer.
- Shirt/uniform and vehicle graphic with the dealership or Ford logos are recommended.

### **New! MOBILE REPAIR QUESTIONS AND ASSISTANCE**

- For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. Work with Dealership warranty administrator to create a SSSC contact ID#.
- Once an SSSC agent responds to the new contact ID#, you may opt to call the SSSC hotline: (800) 325-5621.

### **OASIS ACTIVATION**

OASIS was activated on October 9, 2018.

### **FSA VIN LISTS ACTIVATION**

FSA VIN Lists were made available through <https://web.fsavinlists.dealerconnection.com> on October 9, 2018. Owner names and addresses were made available December 14, 2018.

**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 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.

**Safety Recall 18S29 - Supplement #1**

**SOLD VEHICLES**

- Ford has not issued instructions to stop selling/delivering or driving used vehicles under this safety recall. Owners should contact their dealer for an appointment to have their vehicles remedied as soon as practicable. Owners can continue to safely drive their vehicles if they follow all instructions and warnings contained in the recall notice.
- 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.

**DEALER-OPERATED RENTAL VEHICLES**

The Fixing America's Surface Transportation (FAST) Act law effective June 2016 prohibits a rental company from selling, renting or leasing vehicles subject to a safety or compliance recall. Please consult your legal counsel for legal advice.

**TITLE BRANDED / SALVAGED VEHICLES**

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

**New! OWNER REFUNDS**

- **This Safety Recall must still be performed, even if the owner has paid for a previous repair. Claiming a refund will not close the recall on the vehicle.**
- Ford Motor Company is offering a refund for owner-paid repairs covered by this recall if the repair was performed before the date indicated in the reimbursement plan, which is posted with this bulletin. Owners are directed to seek reimbursement through authorized dealers or, at their option, directly through Ford Motor Company at PO Box 6251, Dearborn, MI 48121-6251.
- Dealers are also pre-approved to refund owner-paid emergency repairs that were performed away from an authorized servicing dealer after the end date specified in the reimbursement plan. Non-covered repairs, or those judged by Ford to be excessive, will not be reimbursed.
- Refunds will only be provided for the cost associated with VDM reprogramming and hydraulic system repairs.

**RENTAL VEHICLES**

Rental vehicles are not approved for this program.

## Safety Recall 18S29 - *Supplement #1*

### **New!** TOWING

If towing is required, dealers are authorized to claim up to a maximum value of \$250 to provide towing services for this program.

NOTE: If additional towing reimbursement is required, contact the SSSC.

NOTE: When towing Ford GT vehicles, the vehicle should be in a covered trailer and configured in a manner that the car could be safely secured. The operator should be able to open/close the driver door so they can enter and exit the vehicle without damage.

### **New!** MOBILE SERVICE CLAIMING QUESTIONS

- Dealers participating in the Remote Experience Program:
  - Ford and Lincoln Dealers - refer to EFC16629, *Announcing the 2025 Remote Experience Program*.
- Dealers NOT participating in the 2025 Remote Experience Program:
  - For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site.
  - Work with the Dealership warranty administrator to create an SSSC contact ID#.
  - Once an SSSC agent responds to the new contact ID#, you may opt to call the SSSC hotline: (800) 325-5621.

### **New!** 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 software module replacement:**
  - If module replacement is required, confirm if a Repair Validation Code (RVC) is required. Reference PTS / Technical Assistance / Components Requiring a Repair Validation Code.
  - Claiming the MT18S29RR labor operation code does **not** require an RVC code if no module replacement is required, however, clock times should be consistent with vehicle history on PTS.
- **For modules not requiring an RVC, use normal diagnostics.**
- **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
- **For vehicles outside new vehicle bumper-to-bumper warranty coverage:**
  - Submit an Approval Request to the SSSC Web Contact Site before completing the repair.

Safety Recall 18S29 - **Supplement #1**

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

- **Technician Competency Requirement:** *The STST Competency 10 certification requirement in the U.S. market only will be enforced starting with repair orders opened on or after August 31, 2024. FSA repairs will reject and the claim will not be paid if the repairing technician is not certified in STST Competency 10 FSA. See EFC15936 for more details.*
- **Software Verification Approval Code Requirement:** *Beginning with Repair Orders (ROs) opened on or after January 15th, 2025, new FSA software repairs and the first phase of already launched FSAs will require Software Verification and an approval code provided by Ford.*
  - *For 18S29, after the repair is completed, the PUMA tool and USB drive must be returned to Ford using a provided prepaid return label. Once the PUMA tool and USB drive are returned, dealers must submit a web contact to the SSSC and include all repair order information to receive an approval code. Log files will be reviewed from the PUMA tool and an approval code provided as part of the software verification process.*
- **Claim Entry:** Enter claims using Dealer Management System (DMS) or One Warranty Solution (OWS) online.
  - When entering claims, select claim type 31: Field Service Action. The FSA number (18S29) is the sub code.
  - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.
- **Related Damage/Additional labor and/or parts:** Must be claimed as Related Damage on a separate repair line from the FSA with same claim type and sub code as described in Claim Entry above.

**IMPORTANT:** Click the Related Damage Indicator radio button.
- **Provision for Towing:** *Dealers are authorized to claim up to a maximum value of \$250 to provide towing services for completing this program. Submit on the same line as the repair.*
  - *Program Code: 18S29*
  - *Misc. Expense: TOW*
  - *Misc. Expense: Claim up to \$250.00*

*NOTE: If additional towing reimbursement is required, contact the SSSC.*
- **Refunds:** *Submit refunds on a separate repair line.*
  - *Program Code: 18S29*                      - *Misc. Expense: ADMIN*
  - *Misc. Expense: REFUND*                - *Misc. Expense: 0.2 Hrs.*
  - *Multiple refunds should be submitted on one repair line and the invoice details for each repair should be detailed in the comments section of the claim.*

Safety Recall 18S29 - *Supplement #1*

***New!*** **CLAIMS PREPARATION AND SUBMISSION (Continued)**

- ***Mobile Repair:***
  - *Dealers participating in the 2025 Remote Experience Program:*
    - *Ford and Lincoln - Refer to EFC16629, Announcing the 2025 Remote Experience Program for additional details.*
  - *Dealers NOT participating in the 2025 Remote Experience Program:*
    - *Mobile repair allowances can be claimed for dealer-performed mobile repairs. Dealers that are working with Ford-contracted mobile repair companies should refer to those companies for claiming instructions.*
    - *For dealer-performed mobile repairs, retain a copy of the Service Management signed record (see Repair Procedure Improvement & Revised Labor Time), with the repair order documentation.*
    - *Claim the mobile repair allowance Labor Operation Code 18S29MM along with the applicable Labor Operation Code for the repair (refer to the Labor Allowances table in Labor Allowances and Parts Ordering Information).*

Safety Recall 18S29 - *Supplement #1*

**New!** LABOR ALLOWANCES

Description	Labor Operation	Estimated Labor Time*
Update VDM using PUMA tool and USB flash drives	MT18S29	2.0 Hours
Hydraulic system check valve replacement (if required)**		2.5 Hours
Hydraulic system filter replacement (if required)**		1.5 Hours
<i>VDM software failed and/or VDM module replacement required. SSSC approval is not required unless M-Time is exceeded. Clock times should be consistent with vehicle history on PTS.</i>	<i>MT18S29RR</i>	<i>5.0 Hours</i>
<i>Mobile Service: This allowance is only for <u>non-eligible</u> 2025 Remote Experience Program Dealers. Can be used when the repair takes place away from the dealership. If Additional Time is Required Due to Travel, Please Submit an SSSC Approval Form.</i>	<i>18S29MM</i>	<i>0.5 Hours</i>

\*Labor time estimates are provided as a guide for each repair. If labor time over 6.0 Hours is required to complete the repairs, submit an Approval Request to the SSSC Web Contact Site prior to submitting a claim.

\*\*Please refer to ATTACHMENT V to determine which repairs are required by VIN.

**New!** PARTS REQUIREMENTS / ORDERING INFORMATION

Refer to the Vehicle Repair Table in ATTACHMENT V, arranged by VIN, to identify the required hydraulic system repair prior to placing an order.

*To place an order for Ford GT parts, please contact 833-367-3481 or email [gcustomersupport@ford.com](mailto:gcustomersupport@ford.com).*

Part Number	Description	Order Quantity	Claim Quantity
HG7Z-9A624-E	Active Aero Wing Check Valve	As Required	
HG7Z-3C602-A	Hydraulic System Filter		
HG7Z-00815-L	Power Steering Pump O-Rings		
XT-10-QLVC	Motorcraft® MERCON® LV Automatic Transmission Fluid		

**DEALER PRICE**

For latest prices, refer to DOES II.

## Safety Recall 18S29 - *Supplement #1*

### **New! 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.

### **New! 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 fixed operations management team or an employee of 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.*

## CERTAIN 2017-2018 MODEL YEAR FORD GT VEHICLES — MODULE REPROGRAMMING

**IMPORTANT!** The Service Technician Specialty Training (STST) Competency 10 certification requirement in the U.S. market only will be enforced starting with repair orders opened on or after August 31, 2024. Field Service Action (FSA) repairs will reject and the claim will not be paid if the repairing technician is not certified in STST Competency 10 FSA. See Electronic Field Communication (EFC)15936 for more details.

### **NEW !** Vehicle Dynamics Control Module (VDM) Software Update

**NOTE:** During the programming process multiple vehicle modules will be updated. Before beginning the service procedure make sure the vehicle is completely assembled and all of the interior and exterior body components and electrical connections are connected and secured.

**NOTE:** The last 3 digits on the SYNC USB flash drive should match the last 3 digits of the vehicle VIN.



FIGURE 1



## SERVICE PROCEDURE

### Important Information for Module Software Updating/Programming

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

- Make sure the 12-volt battery is fully charged and maintained with a battery charger before carrying out the programming steps.
- Turn off all unnecessary accessories (radio, headlamps, interior lamps, HVAC system, etc.) and close doors.
- Start all programming sessions key on engine off (KOEO). Starting the vehicle before creating a session will cause errors within the programming process.

**NOTE:** Reprogram appropriate vehicle modules before performing diagnostics and clear all DTCs after programming. For DTCs generated after reprogramming, follow normal diagnostic service procedures, record results and contact the **SSSC** to obtain additional service assistance by telephone.

**NOTE:** If required, two Universal Serial Bus (USB) flash drives will be shipped with the PUMA® tool. One VIN-specific USB flash drive for the SYNC software update and one USB flash drive that can be used on any vehicle for the Instrument Panel Cluster (IPC)/PUMA tool updates. See Figure 1.

**NOTE:** If required, the VIN-specific SYNC software update has to be performed first. The IPC/PUMA software updates are not VIN-specific and must be performed after the SYNC software update (not all vehicles will require the SYNC software update). The battery maintainer must remain connected until all updates are completed.



## SYNC Software Update (If Required)

**NOTE:** The SYNC software update is VIN-specific and a unique USB flash drive will be provided for each vehicle, when the PUMA tool is received. The last 3 digits on the SYNC USB flash drive should match the last 3 digits of the vehicle VIN.

1. Connect a battery charger. Follow the Workshop Manual (WSM) procedures in Section 414-01.
2. With the key on and the engine off, insert the SYNC USB flash drive into the USB Hub located at the bottom center of the instrument panel. See Figure 2.

**NOTE:** The SYNC USB flash drive can be installed in either of the USB Hub slots.



**FIGURE 2**

3. At the beginning of the SYNC software update, an "Installation Complete" message may be temporarily displayed. Please ignore this message as this is part of the SYNC software update. See Figure 3.



**FIGURE 3**



4. During the programming the display will scroll through a number of non-Ford GT images. These images are a normal part of the SYNC software update process. See Figure 4.



FIGURE 4

5. The SYNC update is complete when the screen turns green with the message "Update Successful, please remove USB". Remove the SYNC USB flash drive and return it to the SSSC. See Figure 5.

**NOTE:** If the SYNC screen turns red instead of green, Contact the SSSC to obtain additional service assistance.

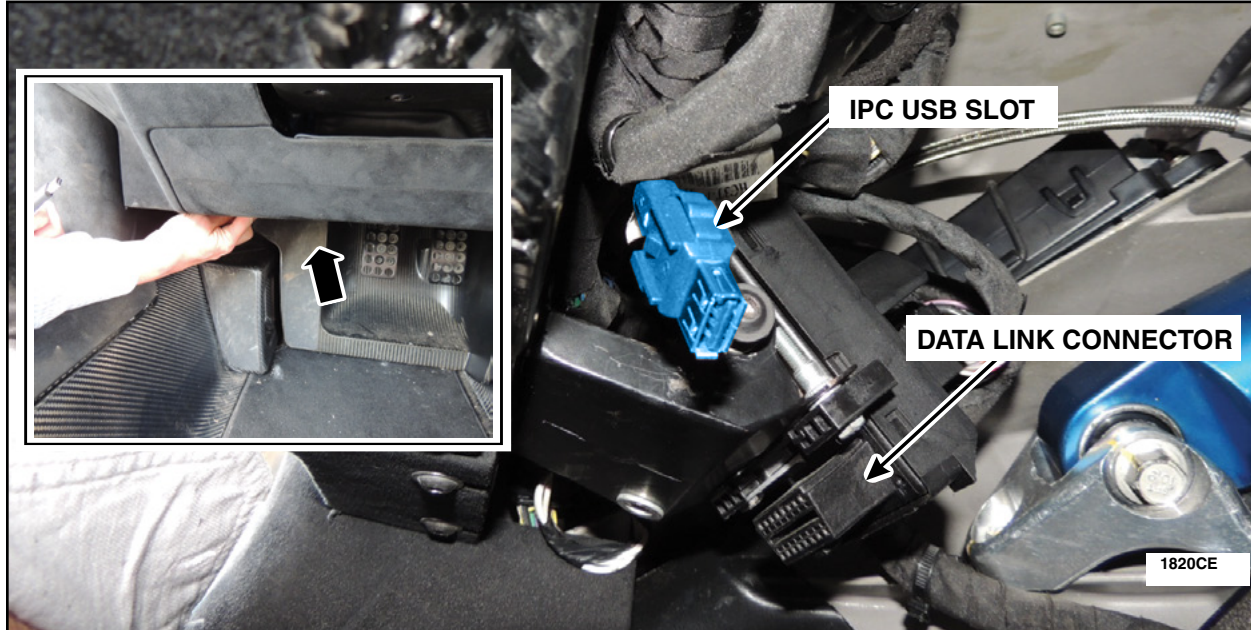


FIGURE 5



**NEW!** PUMA Software Update

6. Locate the IPC USB slot under the instrument panel on the driver's side near the Data Link Connector.  
See Figure 6.



**FIGURE 6**

7. Insert the IPC USB flash drive, that was received along with the PUMA tool, into the IPC USB slot.  
See Figure 7.



**FIGURE 7**



**NOTE:** Ensure the PUMA tool is connected in a way that it will not become disconnected. Once the PUMA tool is connected the updates will start automatically. These updates will take approximately one hour depending on the number of updates a vehicle requires.

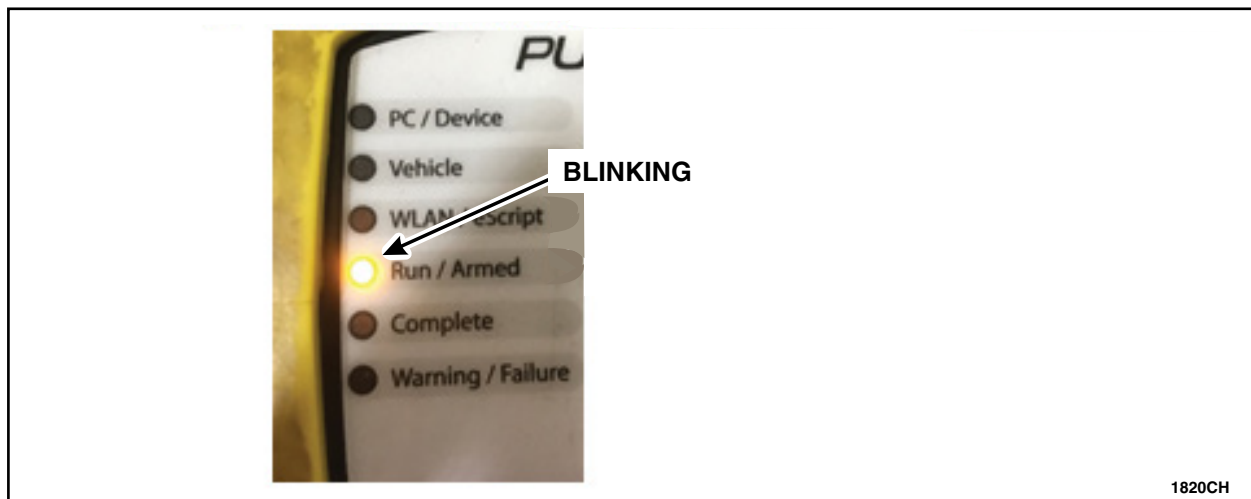
8. With the key on and the engine off, connect the PUMA tool to the Data Link Connector. See Figure 8.



**FIGURE 8**

9. During the programming the PUMA tool Run/Armed LED will blink. See Figure 9.

**NOTE:** If at anytime during the programming stage the Run/Armed LED is not blinking, indicating a failure, proceed to Step 11.



**FIGURE 9**



10. Wait for the IPC to sound a 10 second tone and the PUMA tool's "complete" LED to be illuminated (a few minutes after the IPC tone, the "complete" LED should be displayed). Do not remove the PUMA tool from the DLC until the "complete" LED is displayed and then choose the option below that matches your condition. See Figure 10.

**NOTE:** If at anytime during the programming stage the Run/Armed LED is not blinking, indicating a failure, proceed to Step 11.

- a. The PUMA tool illuminates all LEDs except for the Warning/Failure LED - Software updates are complete - Proceed to Step 12.
- b. The PUMA tool illuminates solid the PC/Device, Vehicle, and the WLAN/eScript LEDs and the Run/Armed and Complete LEDs are blinking orange - Software updates are complete and vehicle has active DTCs - Need to investigate further with dealer scan tool to determine which DTCs are set and fix accordingly. If no fix is found, record the DTCs and then contact the SSSC to obtain additional service assistance. Once condition is corrected, proceed to Step 12.
- c. The PUMA's Warning/Failure and the Complete LEDs on solid and the Vehicle LED and the Run/Armed LEDs blinking - low battery voltage. Unplug the PUMA tool, check and correct battery voltage and proceed back to Step 7.

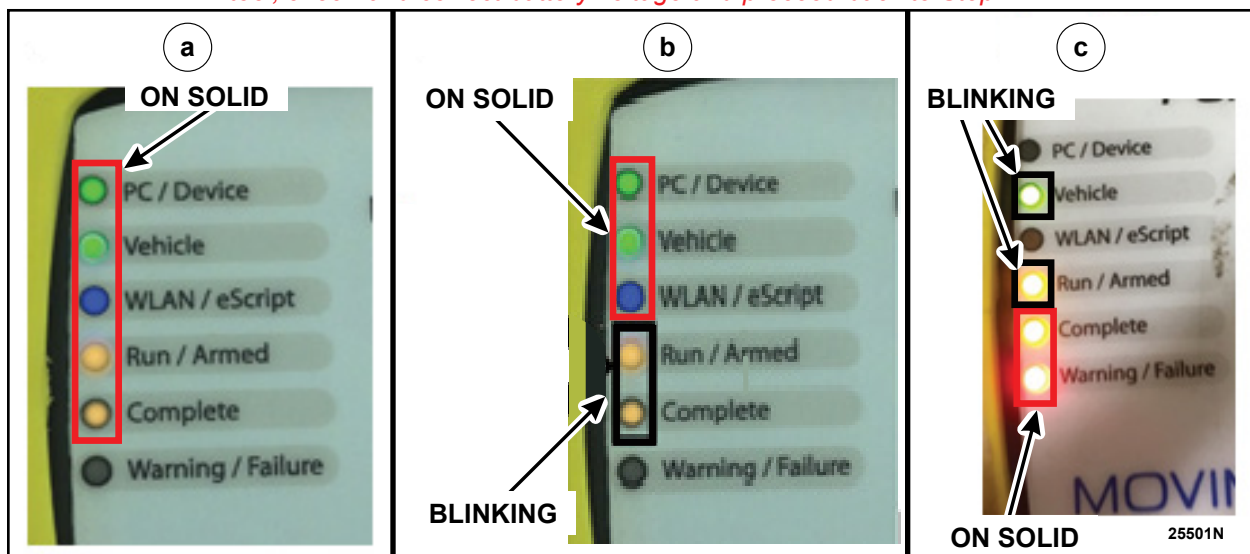


FIGURE 10



11. PUMA tool troubleshooting guide. See Figure 11.

- a. The PUMA's LEDs do not illuminate at all. Need to investigate further with dealer scan tool to determine cause and fix accordingly then proceed back to Step 7.
- b. The PUMA's Warning/Failure and the Complete LEDs on solid. Contact the SCCC to obtain additional service assistance.
- c. The PUMA's Warning/Failure and the Complete LEDs on solid and the Vehicle LED blinking - VIN not recognized. Contact the SCCC to obtain additional service assistance.

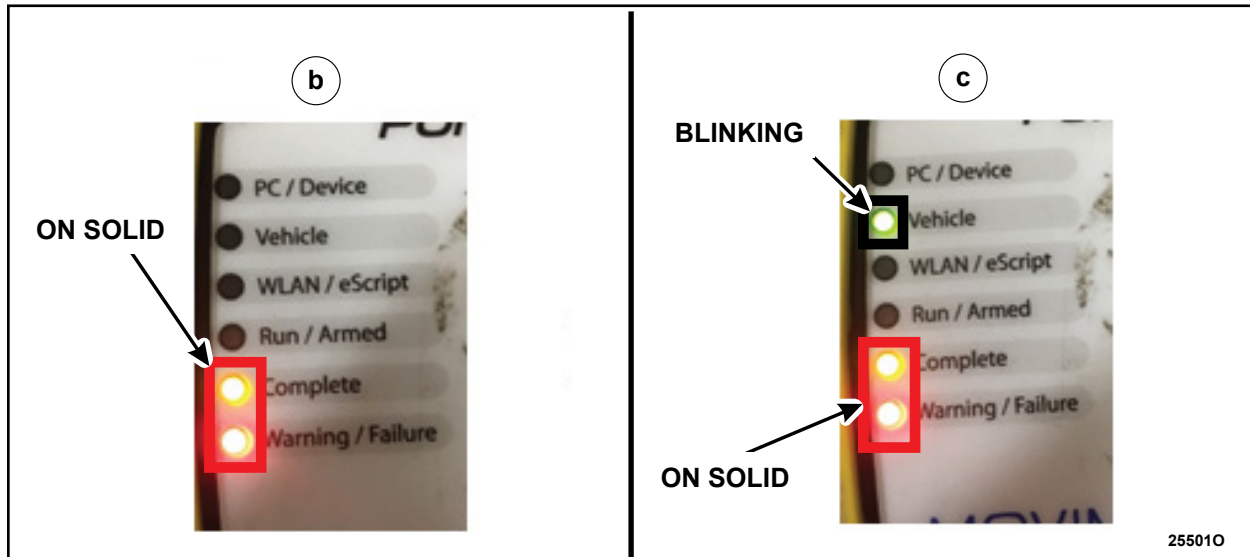


FIGURE 11



12. Record/document the LED status on the PUMA tool and then disconnect the PUMA tool from the Data Link Connector. See Figure 8.
13. Remove the IPC USB flash drive from the IPC USB slot. See Figure 7.
14. Go into the IPC menu by pressing the "OK" toggle switch on the right hand side of the steering wheel. See Figure 12.



FIGURE 12

15. Go to display settings then to the trip computer and check the box to display the trip computer. Press in and hold the "OK" button on the steering wheel to reset the trip computer. See Figure 13.

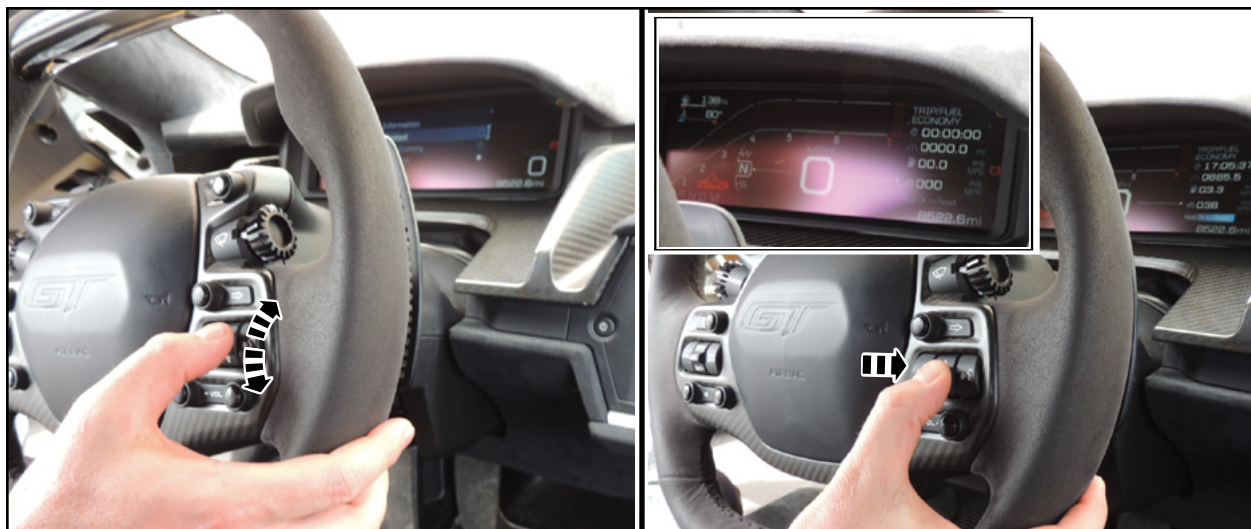


FIGURE 13



16. Go back to the IPC menu, then to display settings, then to trip computer and uncheck the box to remove the trip display. Turn the ignition off.
17. Disconnect the battery charger. Please follow the Workshop Manual (WSM) procedures in Section 414-01.
18. Return the PUMA tool and the two USB flash drives to the **SSSC**. See Figure 1.

**NOTE:** *This FSA requires a Software Verification Approval Code after performing the software update. Please follow the instructions in the Claims Preparation and Submission section of the Dealer Bulletin to obtain the approval code. The claim will not be paid and the FSA will remain open if a Software Verification Approval Code is not provided.*

19. Refer to ATTACHMENT V to determine if the vehicle requires a hydraulic system repair.



## CERTAIN 2017-2018 MODEL YEAR FORD GT VEHICLES — MODULE REPROGRAMMING

### Active Aero wing check valve, power steering pressure line o-ring and in-line filter replacement

#### OVERVIEW

In some of the affected vehicles, fluid pressure within the Active Aero wing valve block assembly can exceed the capabilities of the seals, which may result in a leak of hydraulic fluid. Leaking of hydraulic fluid in the presence of an ignition source can increase the risk of a fire. Before demonstrating or delivering any new in-stock vehicles involved in this recall, and for all sold vehicles, dealers are to:

- Update to the Vehicle Dynamics Control Module (VDM) software on all vehicles. The software update will be performed using a Movimento PUMA tool and two Universal Serial Bus (USB) flash drives. PUMA tools and USB flash drives will be provided by the Ford GT Concierge, when a vehicle is scheduled for service.
- Some of the affected vehicles will also require replacement of the Active Aero Wing Check Valve and/or replacement of the Power Steering Pump O-rings and Hydraulic System Filter. Refer to the Vehicle Repair Table in ATTACHMENT V, arranged by VIN, to determine if a vehicle requires hydraulic system repairs. The Bleed Box required for hydraulic system repairs will be provided by the Ford GT Concierge, when a vehicle is scheduled for service.

#### Recommended Tool List:

General Tools	General Equipment
1/2" Drive Ratchet (Power and Hand Tool)	Clean Shop Towels
1/2" Drive 21 mm Socket	
1/2" Drive Torque Wrench	
3/8" Drive Ratchet (Power and Hand Tool)	
3/8" Drive T30 Star Socket	<b>Special Tools</b>
3/8" Drive 6 in (15 cm) Extension	Bleed Box
Push-Pin Removal Tool	
Pick Tool	
19 mm & 10 mm Long Ratchet Wrench	
9/16", 11/16", & 1" Wrenches	
Pocket Screwdriver	
Side Cutters	



## SERVICE PROCEDURE

### For All Vehicles That Require Hydraulic System Part Replacement

1. Start the engine and manually deploy the rear wing. Set the wing to raised in the instrument cluster.

**NOTE:** Make sure that this setting is returned to Auto once the wing is raised to avoid damage to the system and or components.

2. Cycle the vehicle in and out of track mode.

**NOTE:** Make sure that the area around and under the vehicle is clear.

3. Turn the engine off.

4. Remove the front undershield. Please follow the Workshop manual (WSM) procedures in Section 501-02.

5. Disconnect the Vehicle Dynamics Control Module (VDM) electrical connectors. See Figure 1.

**NOTICE:** Disconnect the VDM electrical connectors as shown. Failure to disconnect the connectors in the proper order could lead to component damage or failure.

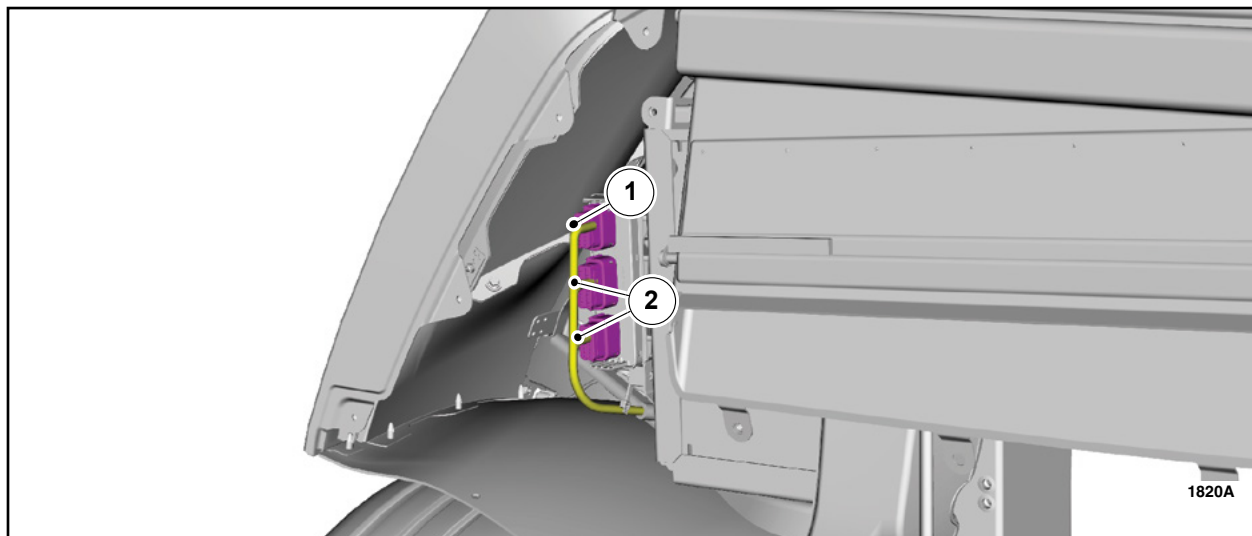


FIGURE 1



6. Connect the bleed box harness connectors to the VDM. See Figure 2.

**NOTE:** The bleed box required for hydraulic system repairs will be provided by the Ford GT Concierge, when a vehicle is scheduled for service.

**NOTE:** Connect the connectors to the same colors. Grey-to-grey. Black-to-black.

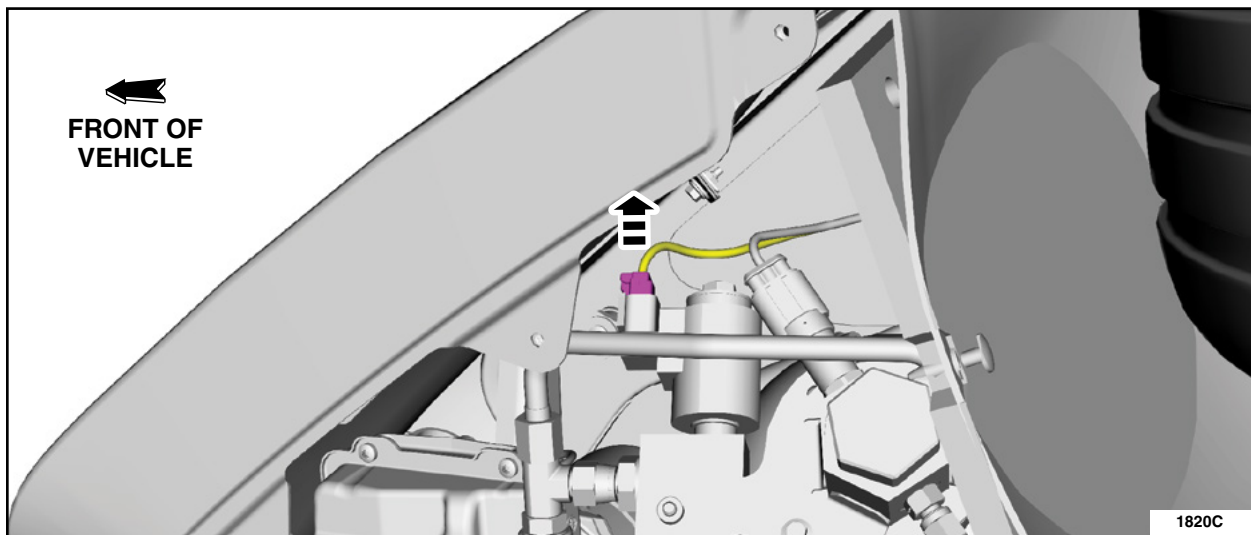
7. Connect the vehicle VDM connectors to the bleed box. See Figure 2.

**NOTE:** Connect the connectors to the same colors. Grey-to-grey. Black-to-black.



**FIGURE 2**

8. Disconnect the electrical connector from the bypass valve. Located on the left hand underside of vehicle, just forward of the front tire. See Figure 3.



**FIGURE 3**



9. Remove the cap and breather from the reservoir and cover both openings with a lint-free towel.  
See Figure 4.

**NOTE:** Failure to do this step will cause fluid to leak through the breather during the purge cycle.

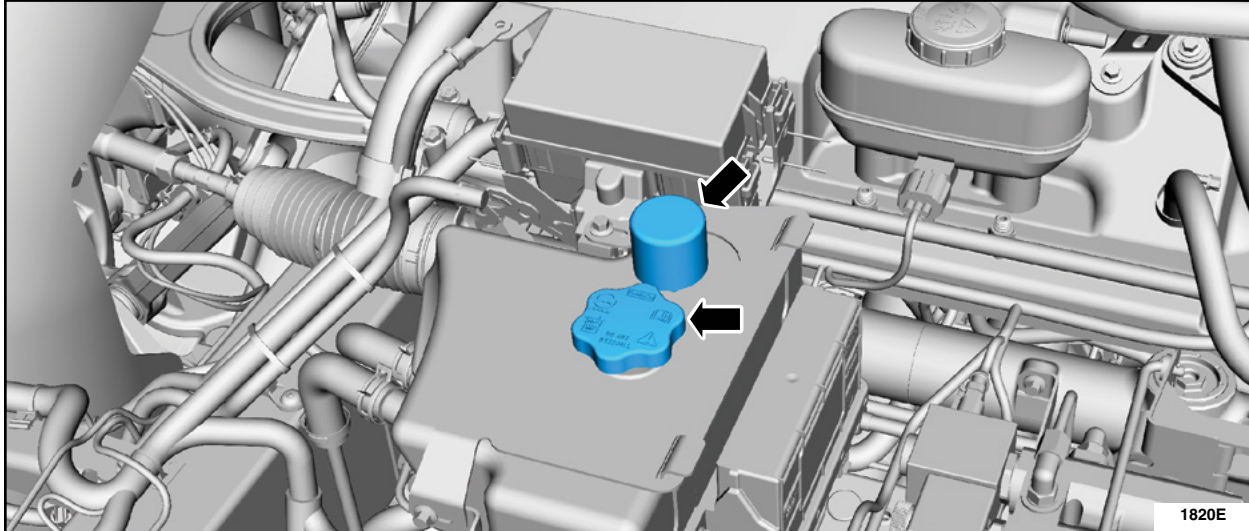


FIGURE 4



10. Turn on the instrument cluster by pressing the START/STOP button.

**NOTE:** Do NOT start the engine.

11. Activate the SYS PURGE switch on the bleed box until the fluid stops filling the reservoir (a minimum of 30 seconds).

**NOTE:** This is to ensure that the system is completely de-pressurized prior to disconnecting any power steering system hydraulic lines.

12. De-activate the SYS PURGE switch.

13. Turn off the instrument cluster by pressing the START/STOP button.

**NOTE:** Do NOT depress the brake pedal while pressing the START/STOP button. If the engine is started, steps 10 - 13 will need to be repeated to de-pressurize the power steering system.

14. Remove the muffler and tailpipe.  
Refer to: Muffler and Tailpipe (309-00 Exhaust System, Removal and Installation).

15. Thoroughly clean the area around the aero wing valve block assembly to ensure it is free of dirt or debris. See Figure 5.

**NOTICE:** Failure to do this may allow debris to enter the system and cause damage to the valves.

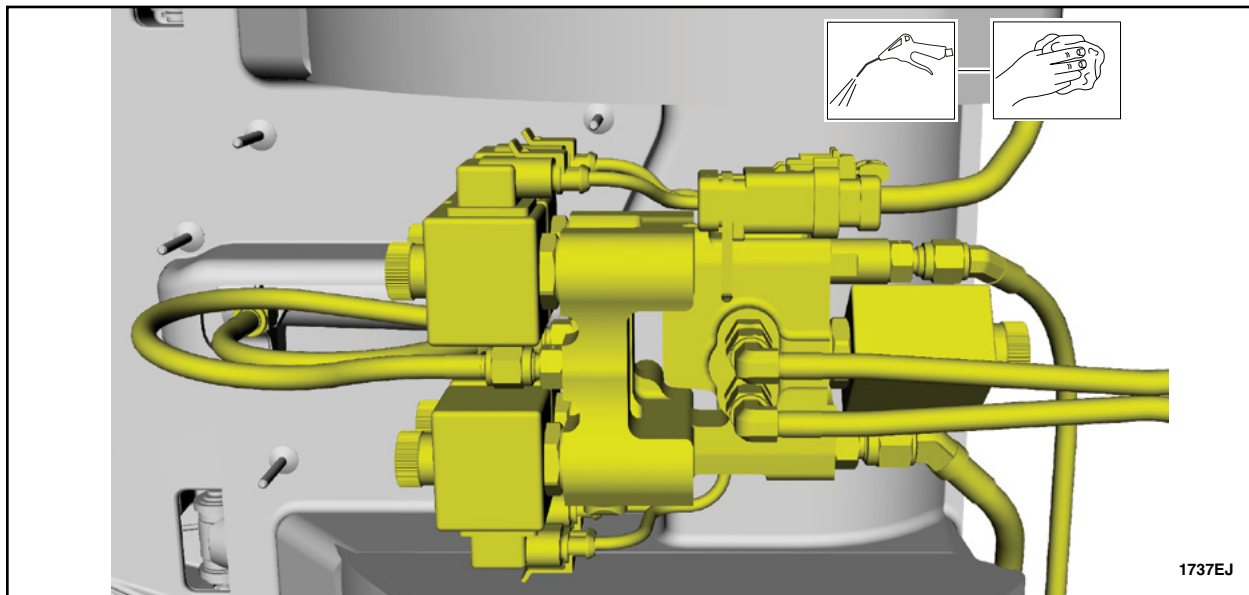
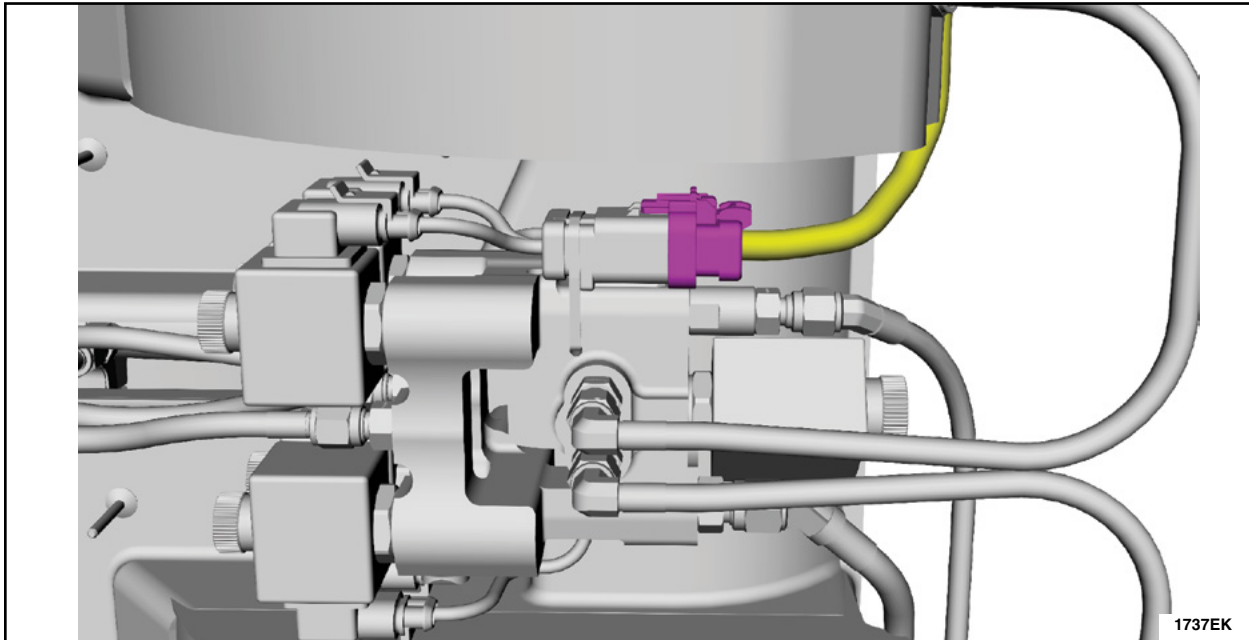


FIGURE 5

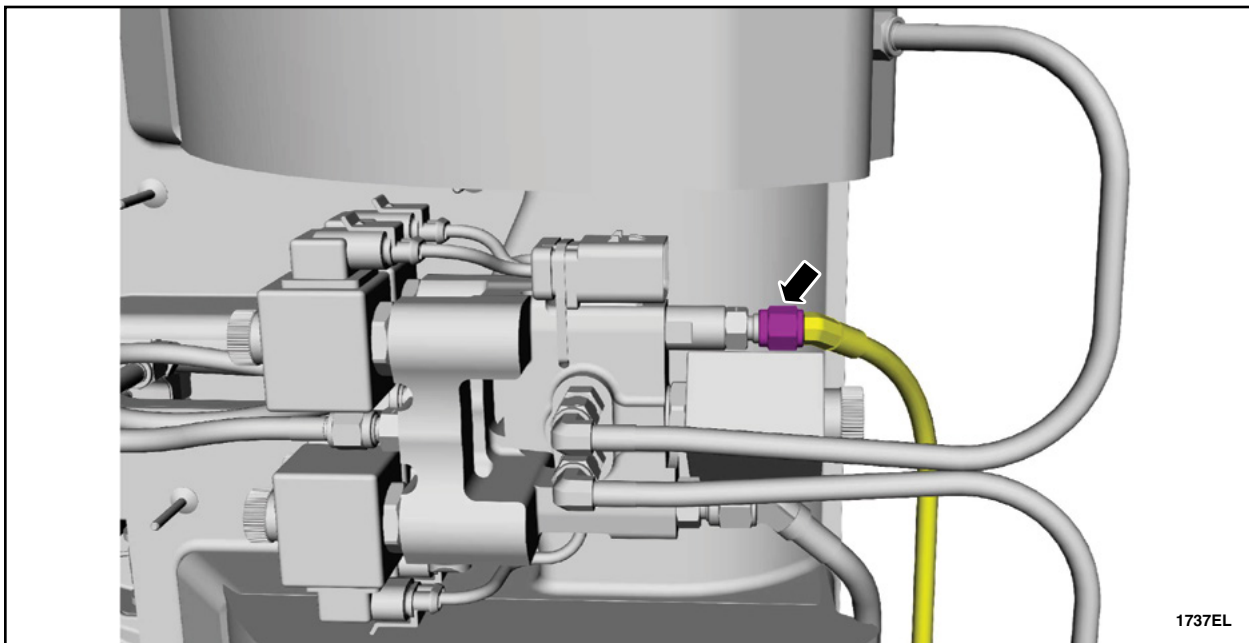


16. Disconnect the electrical connector. See Figure 6.



**FIGURE 6**

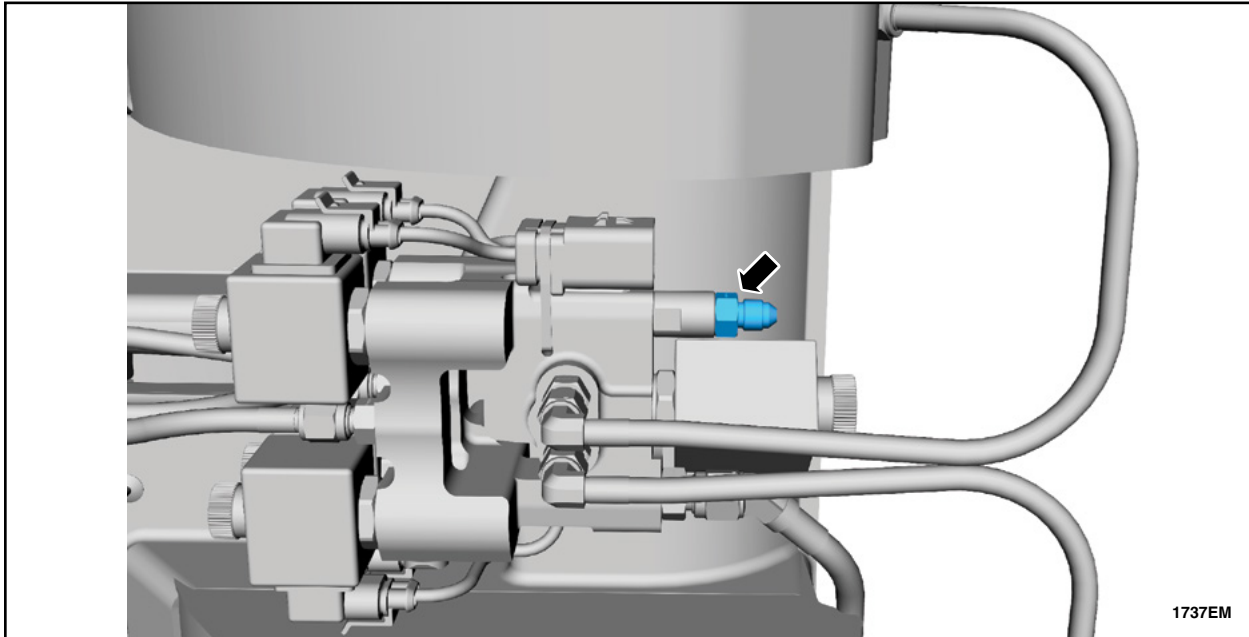
17. Disconnect the hydraulic line. See Figure 7.



**FIGURE 7**

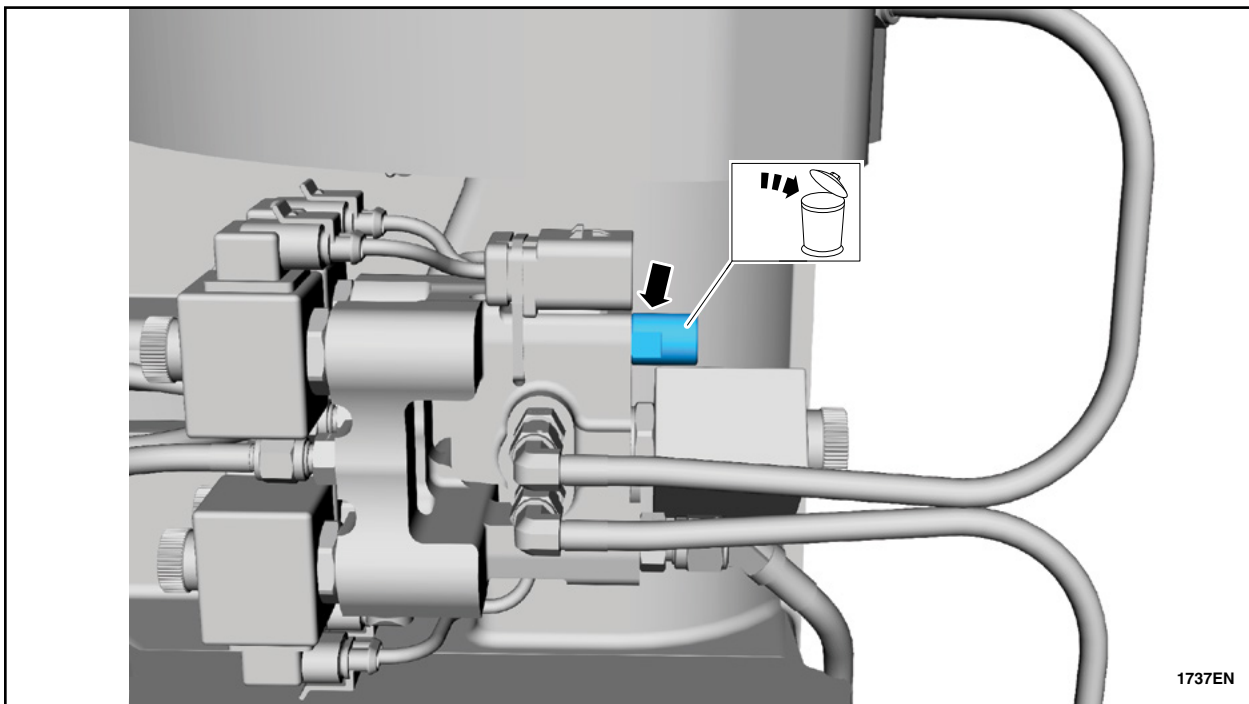


18. Remove the hydraulic fitting. See Figure 8.



**FIGURE 8**

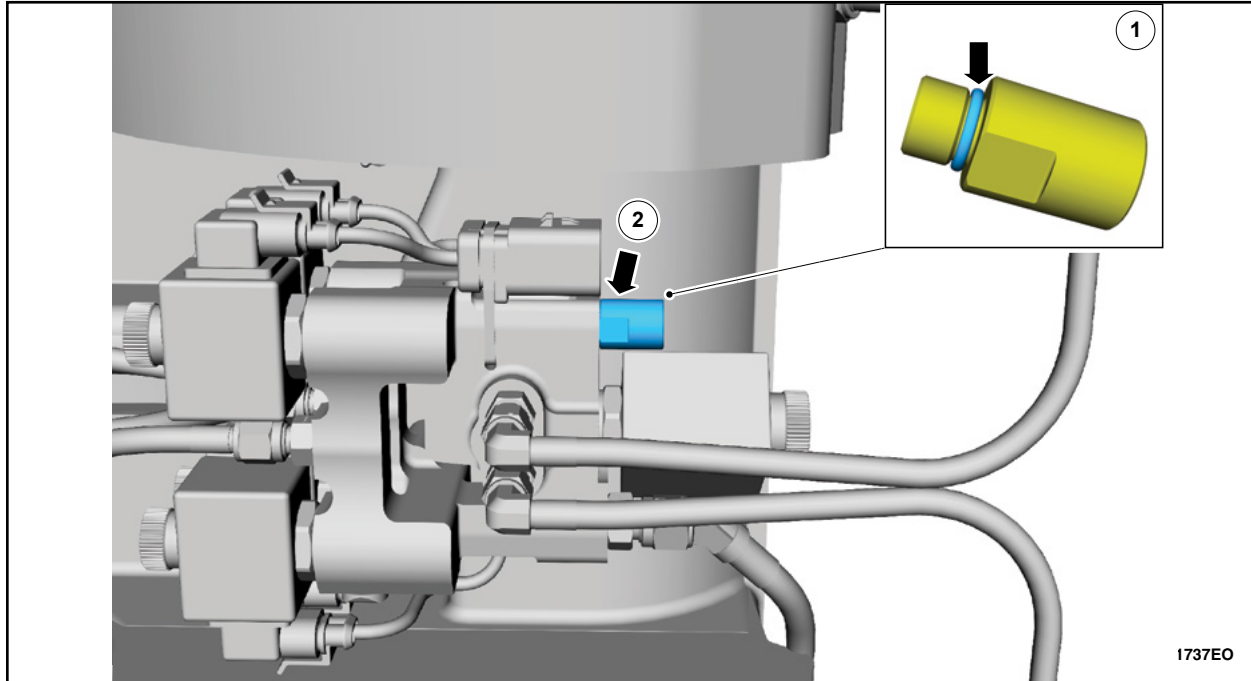
19. Remove and discard the Active Aero wing check valve. See Figure 9.



**FIGURE 9**



20. Install the *new* Active Aero wing check valve. See Figure 10.
1. Ensure the O-ring is in place.
  2. Install the *new* Active Aero wing check valve.
- Torque: 177 lb.in (20 Nm).

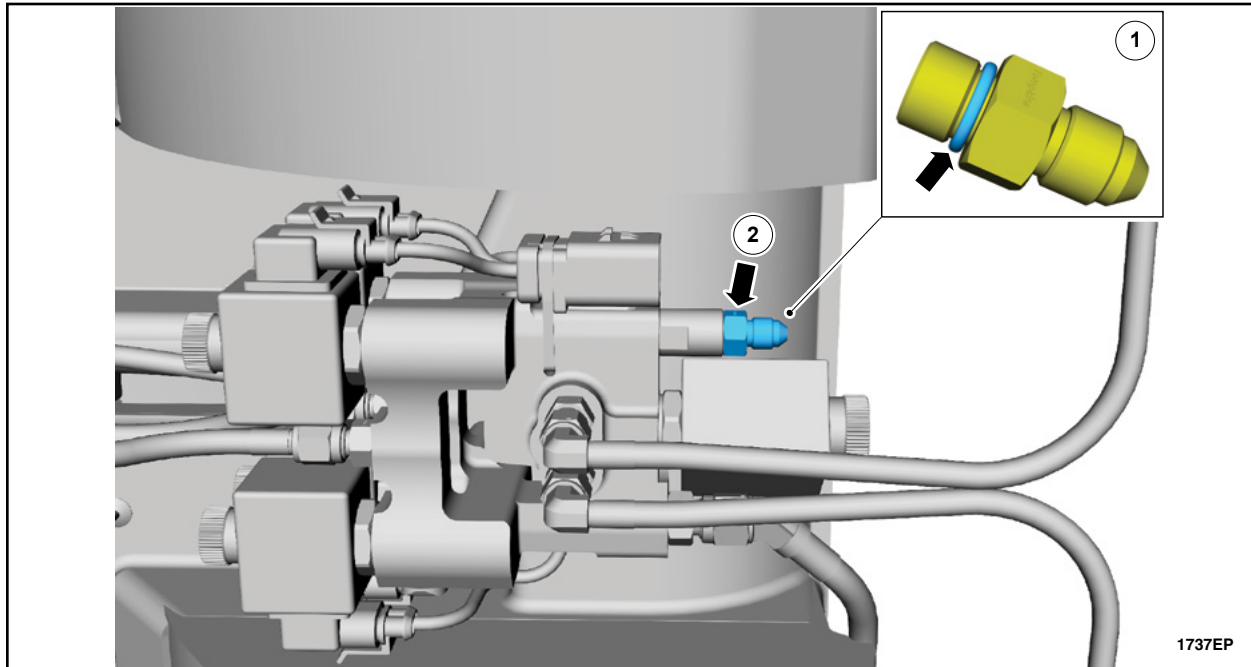


**FIGURE 10**



21. Reinstall the hydraulic fitting. See Figure 11.

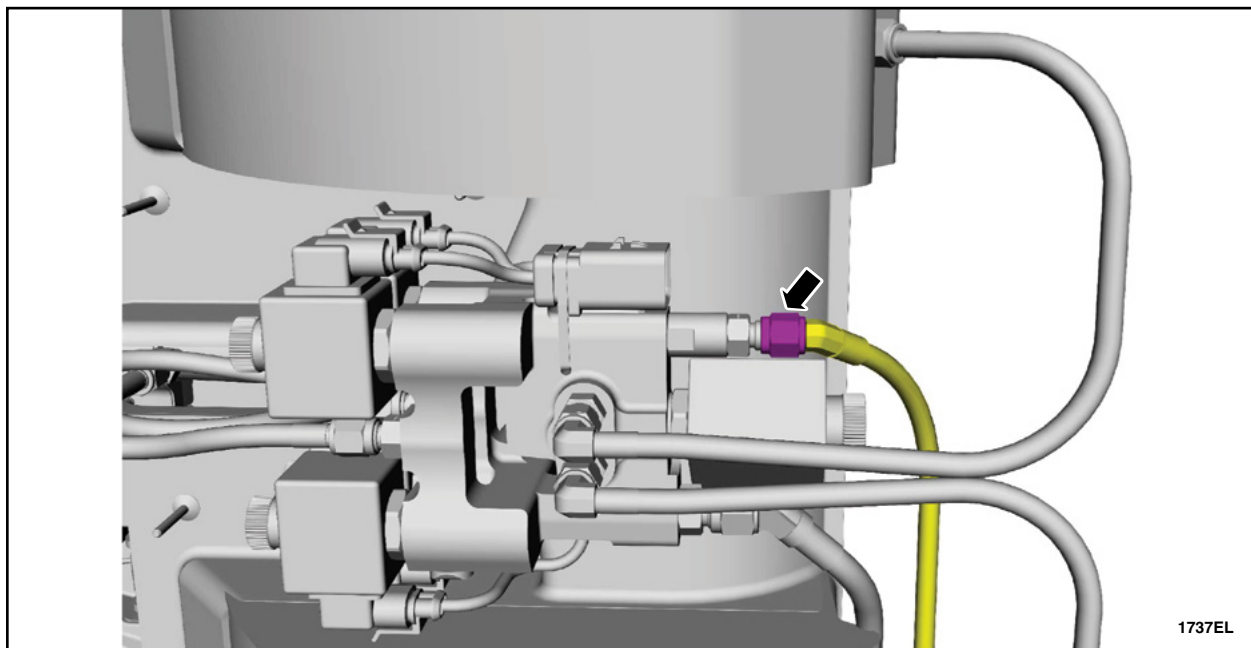
1. Ensure the O-ring is in place.
2. Reinstall the hydraulic fitting.
  - Torque: 177 lb.in (20 Nm).



**FIGURE 11**

22. Connect the hydraulic line. See Figure 12.

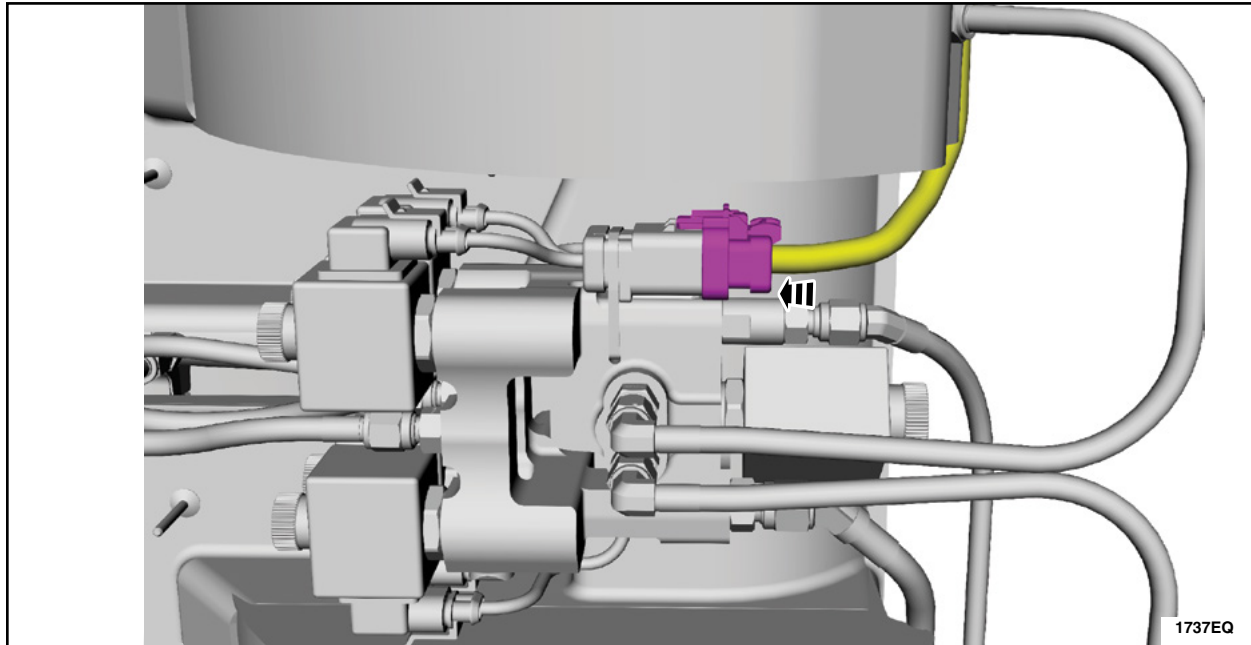
- Torque: 142 lb.in (16 Nm).



**FIGURE 12**



23. Connect the electrical connector. See Figure 13.



**FIGURE 13**

24. Install the muffler and tailpipe.

Refer to: Muffler and Tailpipe (309-00 Exhaust System, Removal and Installation).

25. Refer to the Vehicle Repair Table in ATTACHMENT V, arranged by VIN. Is replacement of the Power Steering Pump O-rings and Filter required?

Yes - Proceed to Step 26.

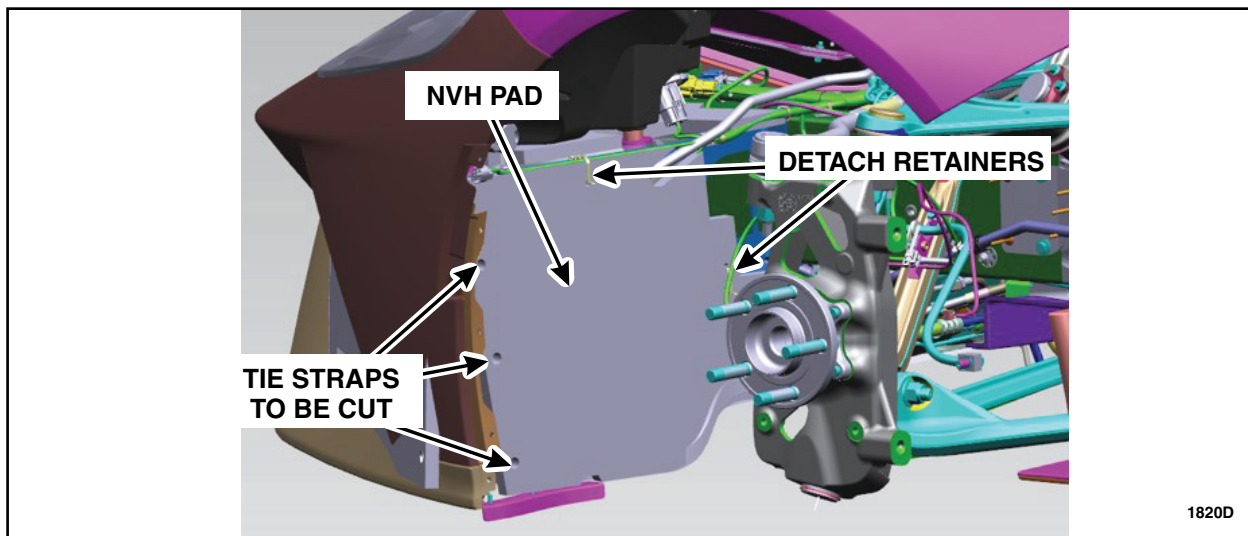
No - Proceed to Step 45.



### For Vehicles That Require Power Steering Pump O-Rings And Filter Replacement

26. Remove the driver front fender splash shield. Please follow the WSM procedures in Section 501-02 Fender Splash Shield.
27. Remove rear facing Noise, Vibration, and Harshness (NVH) pad, from the left front wheel opening. See Figure 14.
  - a. Cut 3 tie straps.
  - b. Detach retainers.

**NOTE:** NVH pad will be reused.

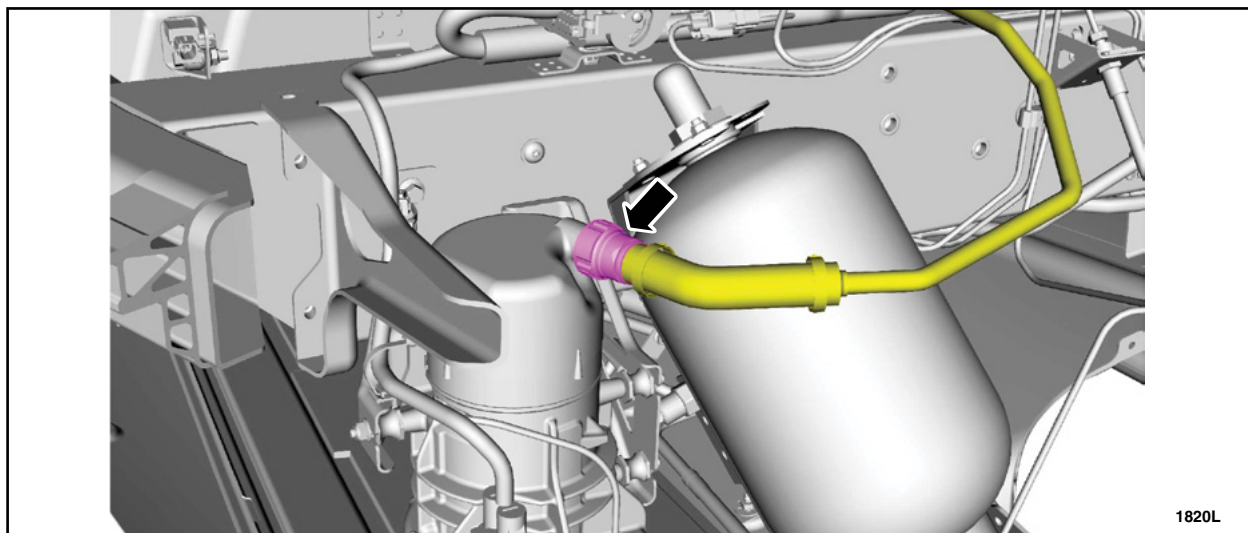


**FIGURE 14**

28. Remove the LH headlamp assembly. Please follow the WSM Procedure in Section 417-01.

**NOTE:** When disconnecting the power steering lines be prepared to capture escaping fluid.

29. Disconnect the power steering fluid supply line from the power steering pump. See Figure 15.



**FIGURE 15**



30. Disconnect the power steering pressure line. See Figure 16.

- Torque: 19 lb.ft (26 Nm).
- Allow fluid to drain.

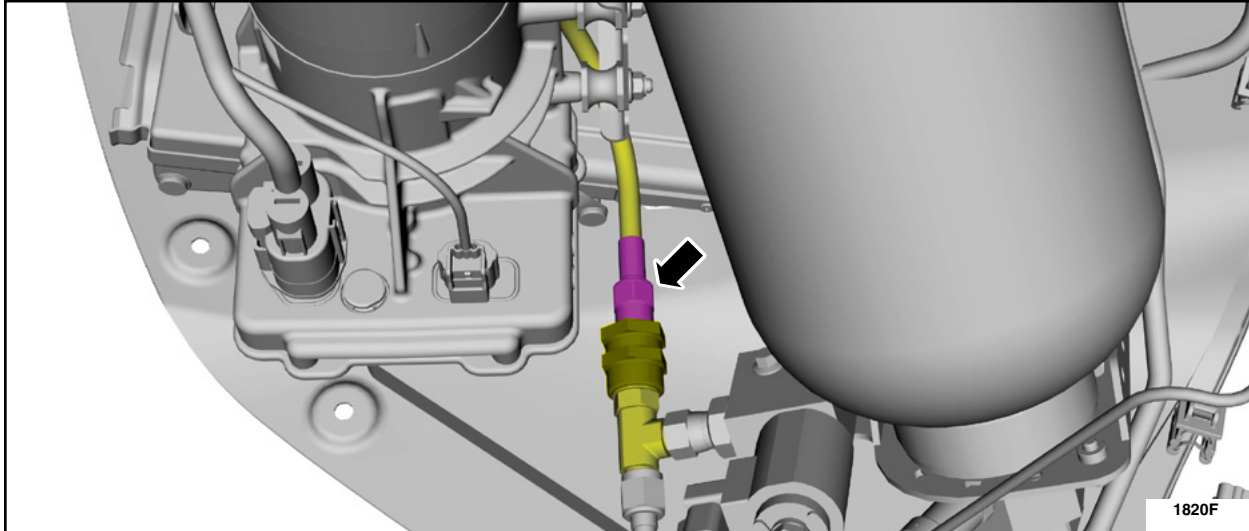


FIGURE 16



31. Disconnect the power steering pump electrical connectors. See Figure 17.

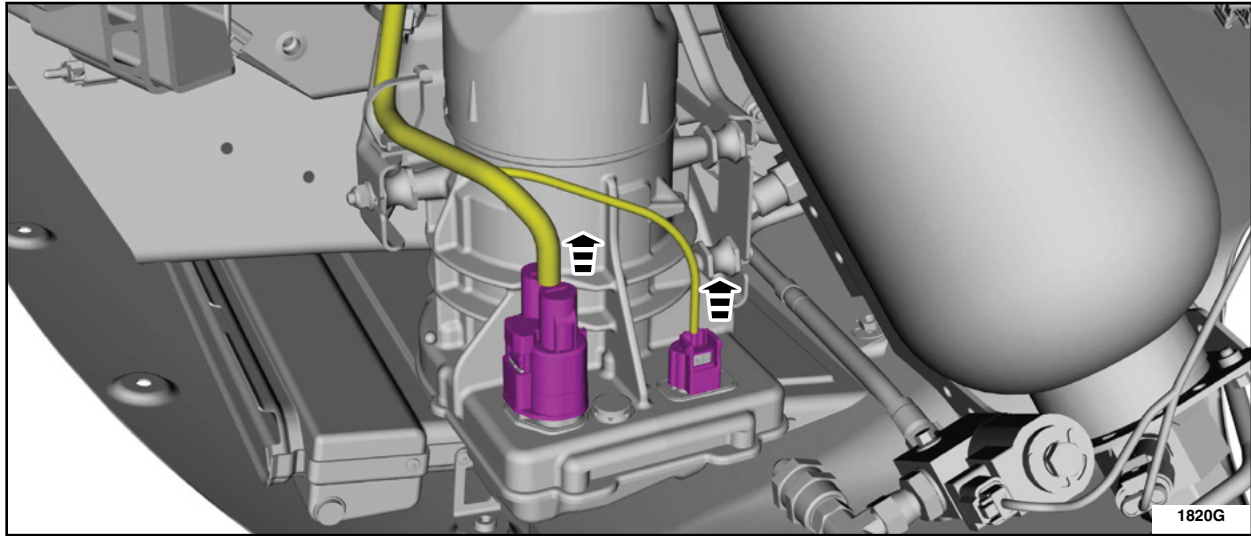


FIGURE 17

32. Remove the power steering pump. See Figure 18.

- a. Position down the front active aero assembly.
- b. Remove the four fasteners.

**NOTICE:** The rubber hex mounts must be held using a suitable tool, while removing the four fasteners, to prevent damage to the mounts.

**NOTE:** The fourth fastener is located between the pump and the frame.

- c. Remove the power steering pump from the vehicle.
- Torque: 44 lb.in (5 Nm).

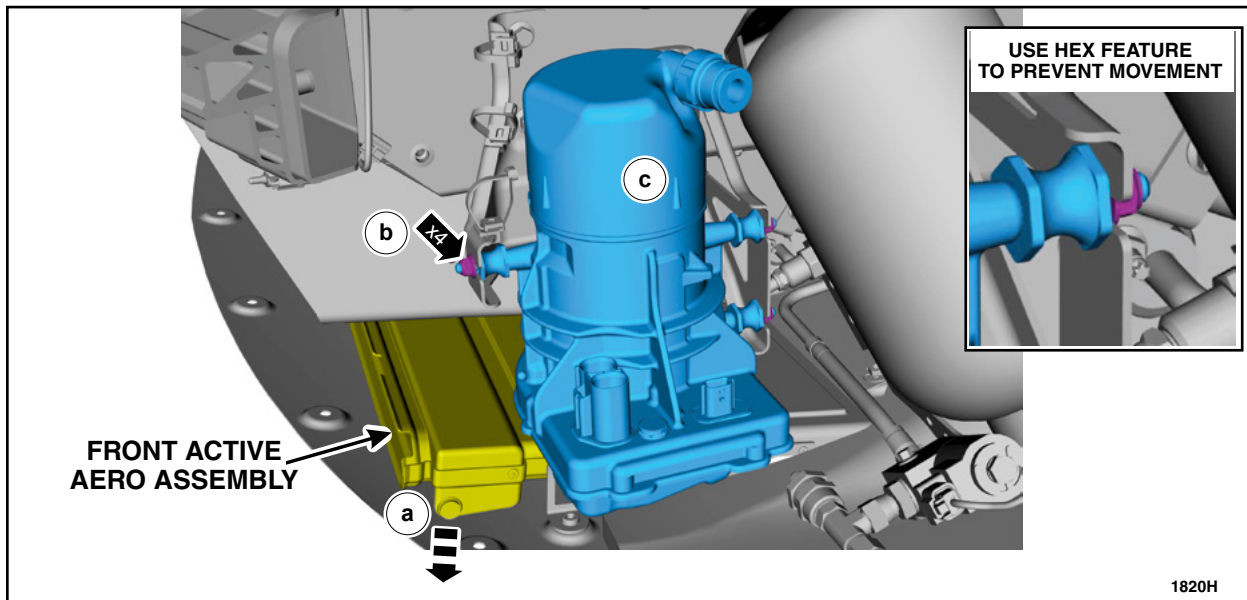


FIGURE 18



33. Remove the power steering pressure line clamp and remove the pressure line. See Figure 19.

- Remove and discard used o-rings.
- Inspect pressure line for damage.
- Torque: 44 lb.in (5 Nm).

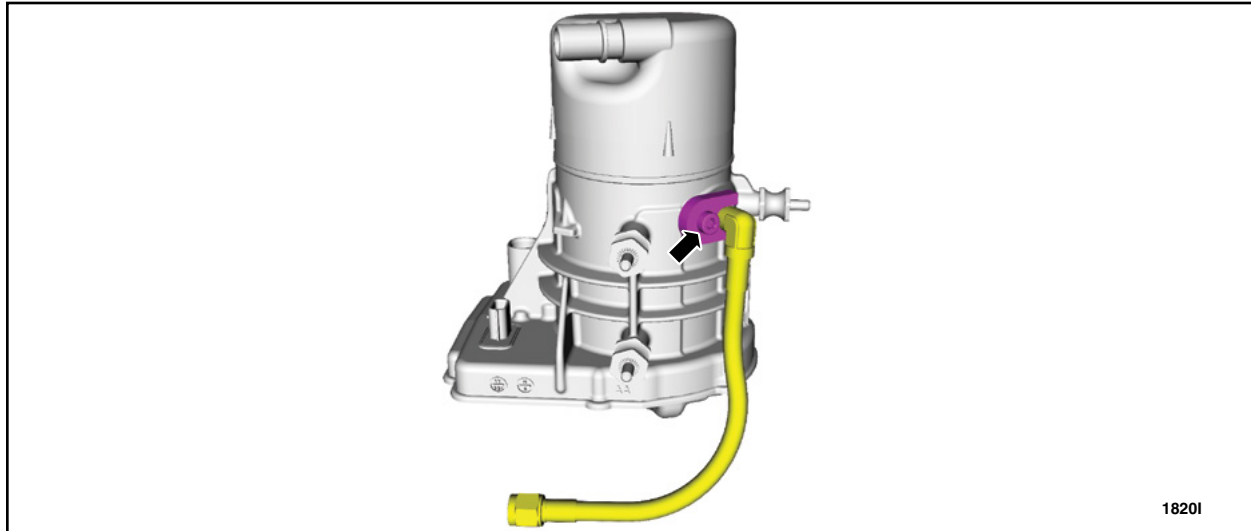


FIGURE 19

34. Install *new* o-rings. See Figure 20.

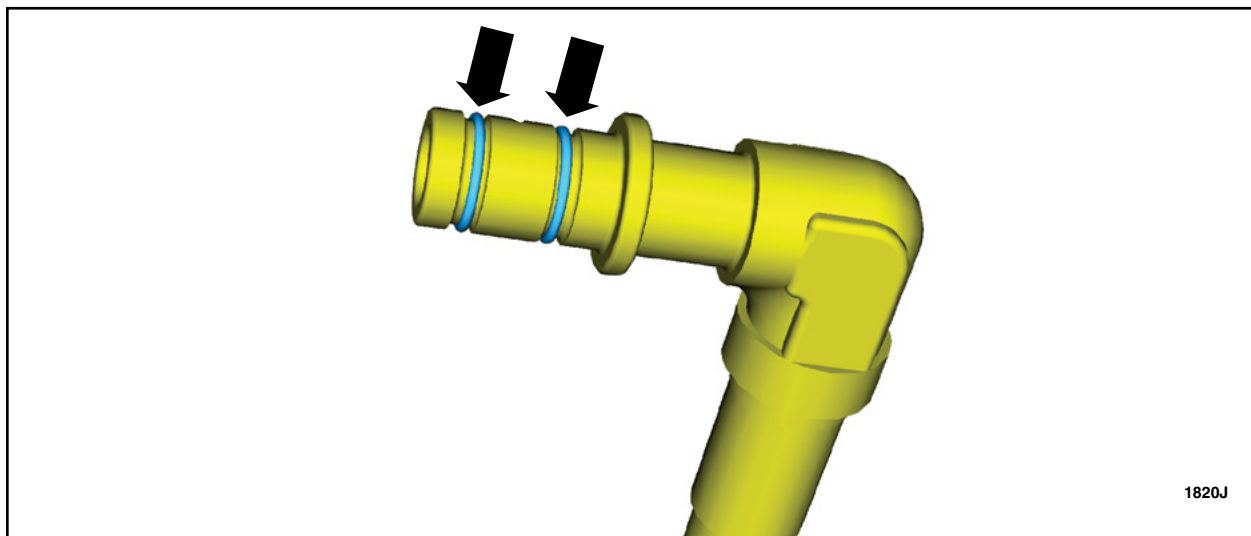


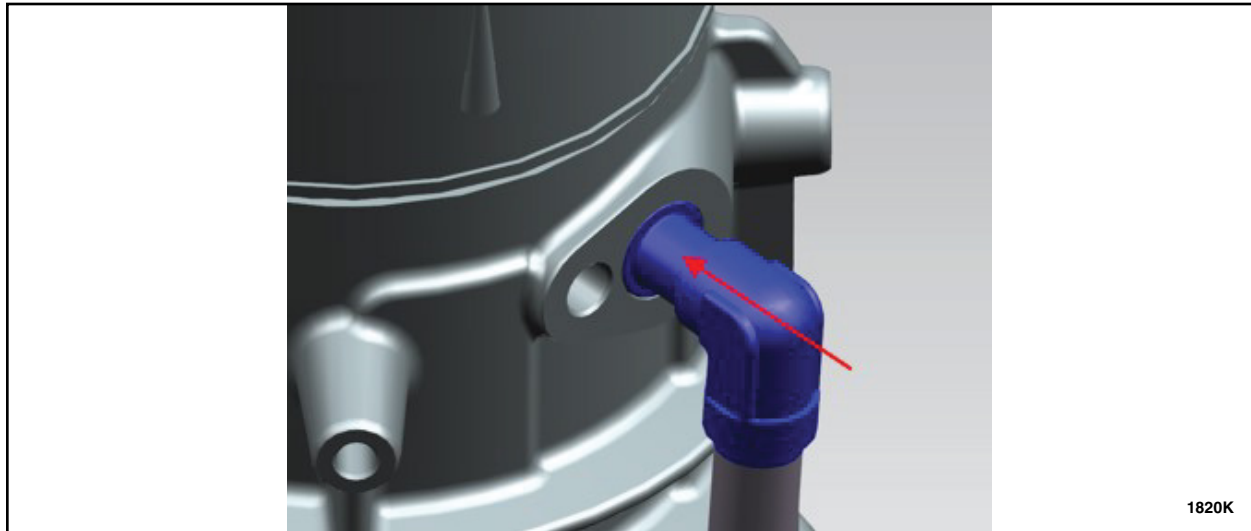
FIGURE 20



35. Install the power steering pressure line into pump port and reinstall clamp and fastener (reverse step 33). See Figure 21.

**NOTICE: Install line perpendicular to the power steering pump port, failure to do so may damage the o-rings and cause failure.**

- Torque: 44 lb.in (5 Nm).

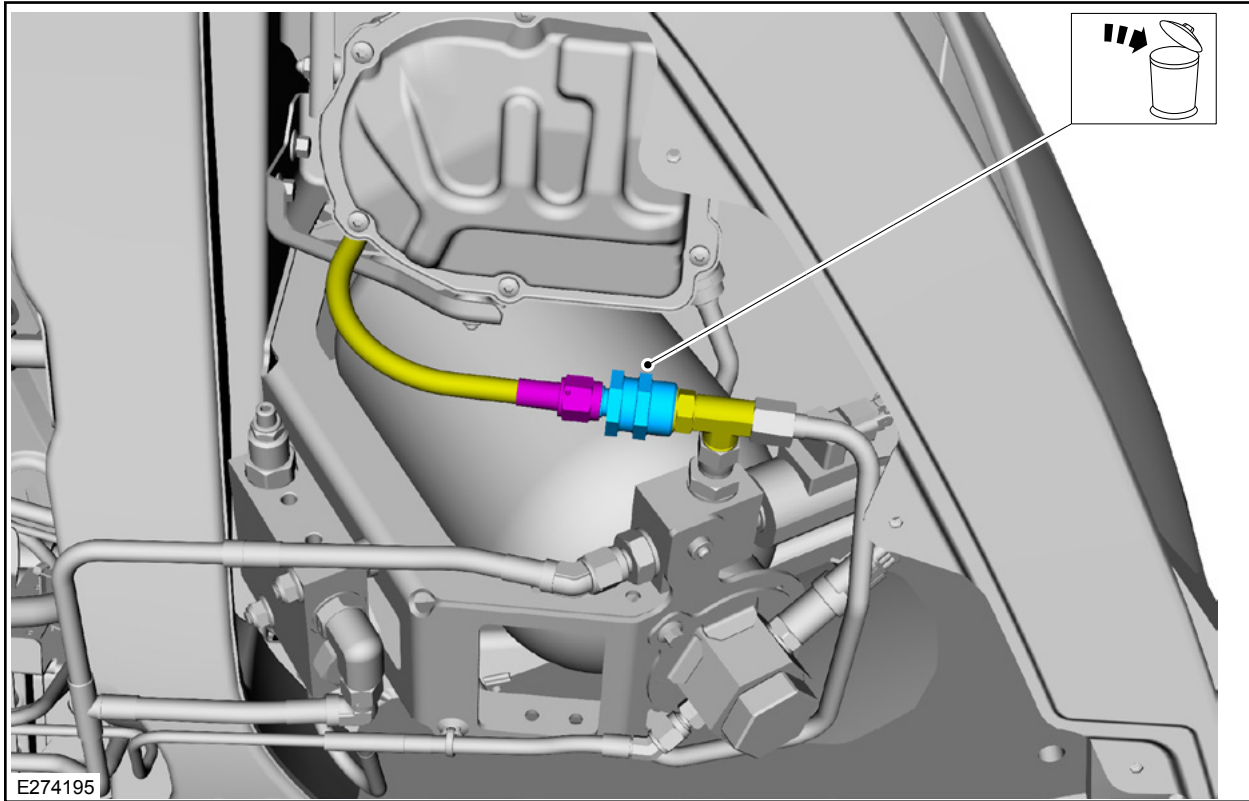


**FIGURE 21**

36. Reinstall hydraulic pump by reversing procedure.
37. Thoroughly clean all areas of any oil residue.
38. Connect the power steering pressure line.
39. Connect the power steering fluid supply line to the power steering pump. See Figure 15.



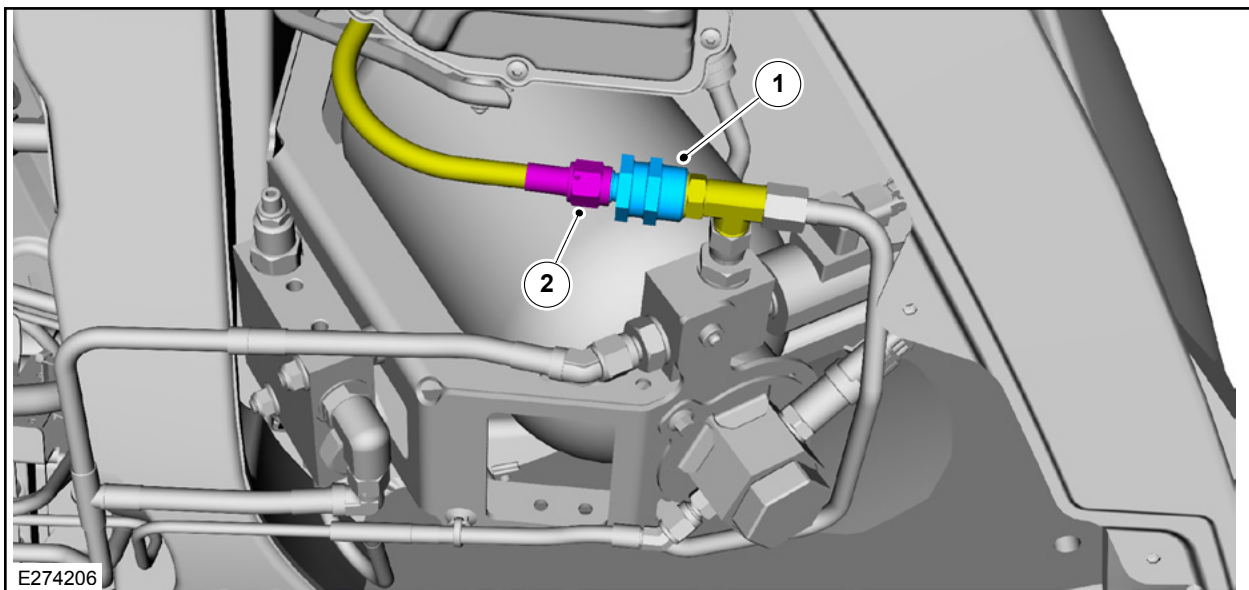
40. Remove and discard the power steering fluid in-line filter. See Figure 22.



**FIGURE 22**

41. Install the new power steering fluid in-line filter. See Figure 23.

- Torque:  
1: 23 lb.ft (31 Nm).  
2: 19 lb.ft (26 Nm).



**FIGURE 23**



42. Install the LH headlamp assembly. Please follow the WSM Procedure in Section 417-01.
43. Reinstall NVH pad with *new* tie-straps.
44. Reinstall the driver front fender splash shield. Please follow the WSM procedures in Section 501-02  
- Fender Splash Shield.

**For All Vehicles That Require Hydraulic System Part Replacement**

45. Perform Power Steering System Bleed. Please follow the WSM procedure in section 211-02 - Power Steering System Bleeding.
46. Verify there are not any fluid leaks. If any leaks are found, service as necessary.
47. Install the front undershield. Please follow the WSM procedure in Section 501-02.
48. Perform Hydraulic System Performance Check. Please follow the WSM procedure in section 211-02  
- Hydraulic System Performance Check.



18S29

## Mobile Repair / Vehicle Pick-Up and Delivery Record

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

- Mobile Repair
- Pick-up and/or delivery service

As outlined below for the 18S29 Field Service Action program.

Mobile Repair – Date: \_\_\_\_\_

OR

Pick-up – Date: \_\_\_\_\_

Delivery – Date: \_\_\_\_\_

\_\_\_\_\_  
Repair Order #

\_\_\_\_\_  
Repair Order Date

\_\_\_\_\_  
Service Manager Signature

\_\_\_\_\_  
Date

NEW VEHICLE DEMONSTRATION / DELIVERY HOLD  
Safety Recall 18S29 - Supplement #1














**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 (MRA1)
-   - Light Mobile Service (MRA2)
-    - Enhanced Mobile Service (MRA3)
-     - Advanced Mobile Service (MRA4)
-  - Not a Mobile Service Repair (MRA5)
-  - Wheel and Tire Mobile Service (MRA6)
-  - Advanced Driver Assistance System (ADAS) Mobile Repair (MRA7)

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

-  – Mobile Reprogramming (MRA1)
  - 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 (MRA2)
  - 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)

NEW VEHICLE DEMONSTRATION / DELIVERY HOLD  
Safety Recall 18S29 - Supplement #1

   – Enhanced Mobile Service (MRA3)

- **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 (MRA4)

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

 – Not a Mobile Service Repair (MRA5)

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

 – Wheel and Tire Mobile Service (MRA6)

- Tire Removal from Wheel
- Tire Balancing
- Tire Repair

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

 – Advanced Driver Assistance System (ADAS) Mobile Repair (MRA7)

- Requires the uses of a ADAS Mobile Service Kit.
- May require a post repair test drive.
  - Parking Lot Maneuvers to capture parking lines for camera alignment.
  - Steady speed cruising (45 MPH).
- **The vehicle service location will have to be validated before scheduling an appointment to determine if a mobile repair is appropriate.**

**Ford Motor Company**  
**Recall Reimbursement Plan for 18S29**

*Ford and Lincoln dealers are in the best position to quickly and efficiently process reimbursement requests. However, federal legislation requires all motor vehicle manufacturers to establish processes through which customers may seek recall reimbursement directly from the manufacturer or the dealers.*

*Regarding the specific reimbursement plan for Recall # 18S29, owners who have paid for service to remedy the defect or noncompliance must have had that service performed before December 14, 2018. After this date, if repairs related to this recall are performed by a non-Ford repair facility in an emergency, customers must submit any refund requests through their dealership. As required by this federal regulation, Ford Motor Company submitted the details of its latest General Recall Reimbursement Plan in a letter to the National Highway Traffic Safety Administration (NHTSA) in May 2025. The following is the text of that letter and the Plan:*

**General Recall Reimbursement Plan**  
(As submitted to the NHTSA)

Pursuant to the requirements set forth in 49 CFR Part 573 and Part 577 of the Code of Federal Regulations, Ford Motor Company (Ford) is submitting required information pertaining to our general reimbursement plan for the cost of remedies paid for by vehicle owners before they are notified of a related safety recall.

Set forth below is Ford's general plan to reimburse owners and purchasers for costs incurred for remedies in advance of notification of potential safety-related defects or non-compliances pursuant to Part 573.6 (c)(8)(i). This plan has not changed since our May 21, 2025 submission.

Reimbursement Notification

Ford's notice to a vehicle owner in accordance with 49 CFR Part 577 will indicate that Ford is offering a refund if the owner paid to have service to remedy the defect or noncompliance prior to a specified ending date. In accordance with Part 573.13 (c)(2), this ending date will be defined as a minimum of ten calendar days after the date on which Ford mailed the last of its Part 577 notifications to owners and will be indicated in the specific reimbursement plan available to owners for an individual recall. This notice will direct owners to seek eligible reimbursement through authorized dealers or, at their option, directly through Ford at the following address:

Ford Motor Company  
P.O. Box 6251  
Dearborn, MI 48121-6251

Ford notes that this rule allows for the identification of a beginning date for reimbursement eligibility. Under the rule, an owner who paid to remedy the defect or noncompliance prior to the identified beginning date would not be eligible for reimbursement. Ford generally has not established such a beginning date for reimbursement eligibility and does not presently anticipate changing this general policy. However, in any case where Ford determines a beginning date is appropriate, Ford will indicate that date in the owner notice. As permitted by 577.11(e), Ford may not include a reimbursement notification when all vehicles are well within the warranty period, subject to approval by the Agency.

## Costs to be Reimbursed

For vehicles, reimbursement will not be less than the lesser of:

- The amount paid by the owner for the remedy that specifically addressed and was reasonably necessary to correct the defect or noncompliance that is the subject of the recall, or
- The cost of parts for the remedy (to be no more than the manufacturer's list retail price for authorized part(s), plus associated labor at local labor rates, miscellaneous fees (such as disposal of waste) and taxes.

For replacement equipment, reimbursement will be the amount paid by the owner for the replacement item (limited by the amount of the retail list price of the defective or noncompliant item that was replaced, plus taxes, where the brand or model purchased by the owner was different than the brand or model that was the subject of the recall). If the item of motor vehicle equipment was repaired, the reimbursement provisions identified above for vehicles will apply.

Ford notes that costs incurred by the owner within the period during which Ford's original or extended warranty would have provided for a free repair of the problem will not be eligible for reimbursement, as provided by Part 573.13 (d)(1).

## Entities Authorized to Provide Reimbursement

Ford will continue to use authorized dealers to reimburse owners under the specific reimbursement plans for a particular recall and will encourage owners to pursue requests for reimbursement directly through dealers to expedite reimbursement. Ford will also provide a mailing address to which customers can, at their option, send requests for reimbursement directly to Ford, as previously noted. Requests for reimbursement sent directly to Ford may take up to 60 days to process. Whether the owner chooses to pursue reimbursement requests through a dealer or directly through Ford, the owner will be directed to submit the required documentation, upon which reimbursement eligibility will be determined.

## Required Documentation

The reimbursement determination will depend upon the information provided by the customer. Consistent with Part 573.13 (d)(4) the following information must be submitted:

- Claimant name and address
- Vehicle make, model and model year
- Vehicle identification number (VIN) and, for replacement equipment, a description of such equipment or, for tires, the model, size and TIN (DOT code)
- Identification of the recall number (either the Ford recall number or the NHTSA recall number)
- Identification of the owner of the recalled vehicle at the time that the pre-notification remedy was obtained
- An original receipt for the pre-notification remedy that includes a breakdown of the amount for parts, labor, other costs and taxes, including costs for the replacement item. Where the receipt covers work other than to address the recall or noncompliance, Ford may require the claimant to separately identify costs that are eligible for reimbursement.
- If the remedy was obtained during the warranty repair did not correct the problem related to the recall

Failure to submit all the above information may result in denial of the reimbursement request.

### Additional Information

The Part 577 required owner notice will provide a toll-free telephone number through which specific information about the reimbursement plan can be requested from Ford. This general reimbursement plan will be incorporated into notifications pursuant to Part 573.6 by reference. Information specific to an individual recall also may be incorporated into the Part 573.6 notification.