

SAFETY RECALL

NORTH AMERICA

Low Pressure Fuel Circuit



Reference: 54B / NHTSA 24V-306

FCA US LLC



Remedy available for

2021 (GA) Alfa Romeo Giulia

Template Version 1.0

Revision	Edition	Detail
0	May 2024	Initial Version.

SYMPTOM DESCRIPTION

The fuel line sensor housing on about 261 of the above vehicles may crack and leak fuel. The fuel line sensor fuel leak may cause fuel starvation of the engine. Vehicle occupants may notice a fuel smell while the engine is running or reduced vehicle performance. Leaked fuel in the presence of an ignition source, could result in a fire. Fuel starvation may result in an unexpected loss of drive power, which can cause a vehicle crash without prior warning. A vehicle fire can result in increased risk of occupant injury and/or injury to persons outside the vehicle, as well as property damage.

SCOPE

This recall applies only to the above vehicles equipped with a 2.0L engine (sales code EC2).

NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.

IMPORTANT:

- Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Violation of this requirement by a dealer could result in a civil penalty of up to \$27,168 per vehicle.
- Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery.
- Dealers should also perform this recall on vehicles in for service.

Involved vehicles can be determined by using the VIP inquiry process.

REPAIR TO BE PERFORMED

Replace the front fuel delivery line on all of the above vehicles involved.

ALTERNATE TRANSPORTATION

Dealers should proactively minimize customer inconvenience while the recall repair is being performed. Reference the Goodwill Alternate Transportation Guidelines warranty bulletin link within Recall Central on DealerCONNECT for options to support the customer while their vehicle is in service.

COMPLETION REPORTING / REIMBURSEMENT

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims paid will be used by FCA to record recall service completions and provide dealer payments.

Use the following labor operation numbers and time allowances:

Labor Description	Number	Hrs
Replace fuel delivery line.	14-54-B1-82	0.7

Add the cost of the recall parts plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

PARTS INFORMATION

Part No.	Qty.	Part Name
68619503AA	1	Line, Front Fuel Delivery
04275086AE	1	Authorized Modification (Label)

PARTS RETURN

No parts return required for this campaign.

Render the recalled fuel line unusable and discard.

SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software

DEALER NOTIFICATION

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

OWNER NOTIFICATION / SERVICE SCHEDULING

All involved vehicle owners known to FCA are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

VEHICLE LISTS, GLOBAL RECALL SYSTEM, VIP AND DEALER FOLLOW UP

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner’s name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “Service” tab and then click on “Global Recall System.” Your dealer’s VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

ADDITIONAL INFORMATION

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations
FCA US LLC.

SERVICE PROCEDURE

Front Fuel Delivery Line Replacement

1. Open the trunk lid.
2. Rotate the knobs $\frac{1}{4}$ turn on the right-side trim panel and remove the battery access panel (Figure 1).

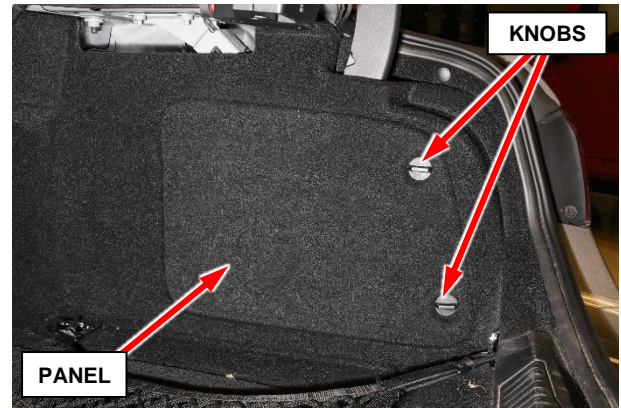


Figure 1 – Battery Access Panel

3. Remove the trunk compartment load floor carpet panel (Figure 2).



Figure 2 – Trunk Compartment

4. Remove the trunk compartment load floor reinforcement (Figure 3).



Figure 3 – Trunk Compartment

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5. Remove the cover from the fuse box in rear of the vehicle (Figure 4).

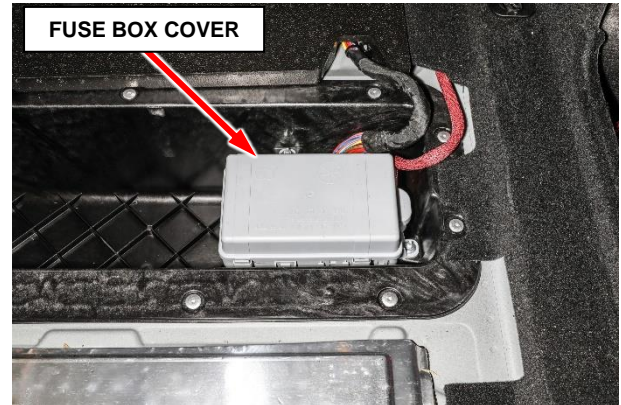


Figure 4 – Fuse Box

6. Locate the T-10 fuel pump relay and remove it and set aside (Figure 5).

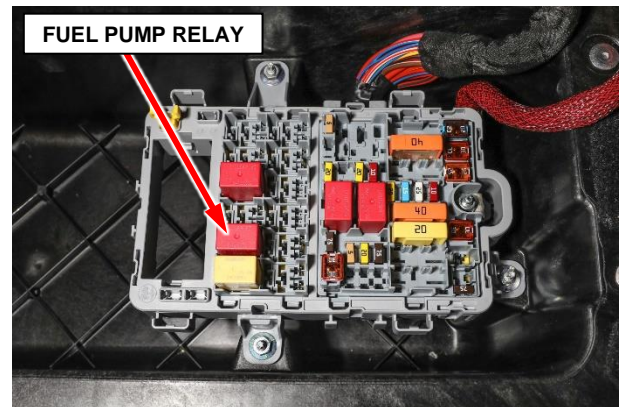


Figure 5 – Fuel Pump Relay

7. Start vehicle several times until all the pressure in the fuel distribution manifolds has discharged and the vehicle will not start.

8. Within the battery compartment, press the release button and disconnect the battery negative cable from the post. If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector (Figure 6).

NOTE: If the deck lid closes while the battery is disconnected, the rear seat may need to be removed to gain access to the auxiliary trunk release latch located in the luggage compartment.

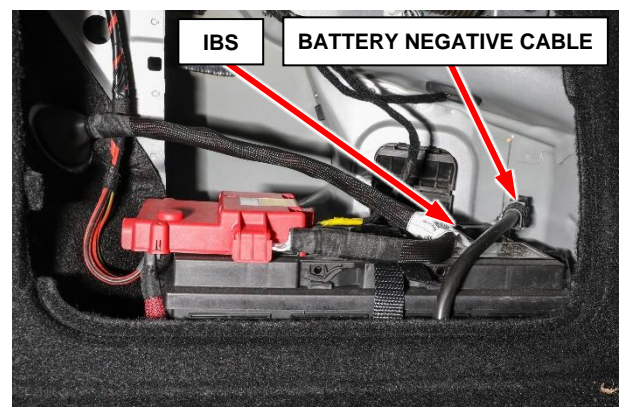


Figure 6 – Fuel Pump Relay

- Using a small blade screwdriver or equivalent pry on the engine cover caps to access the engine cover fasteners and remove the cover (Figure 7).

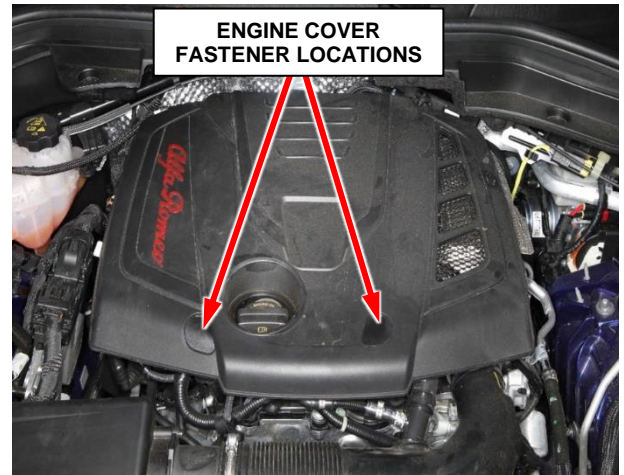


Figure 7 – Engine Cover

- Remove the coolant reservoir fasteners (Figure 8).

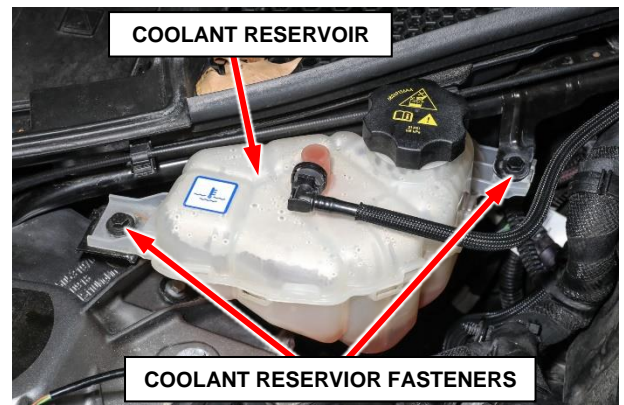


Figure 8 – Coolant Reservoir

- Position the coolant reservoir forward to gain access to the fuel line (Figure 9).

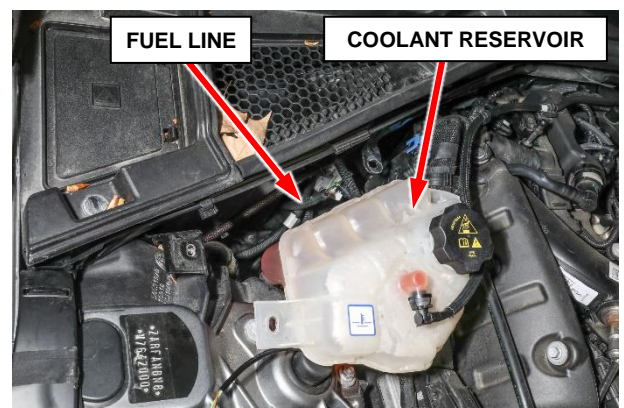


Figure 9 – Fuel Line Access

12. Release the fuel line from the lower retainer (Figure 10).

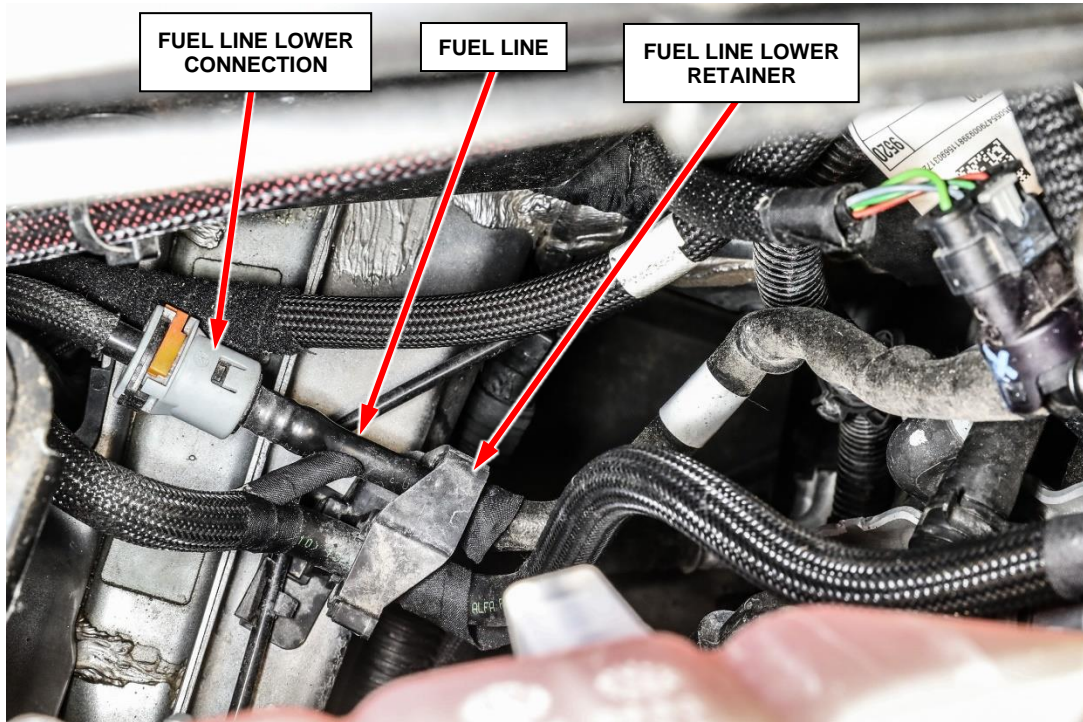


Figure 10 – Fuel Line Lower Portion

13. Unlatch the lower fuel line lock by pulling up the lock tab, then press on the release tab to disconnect the fuel line (Figure 11).

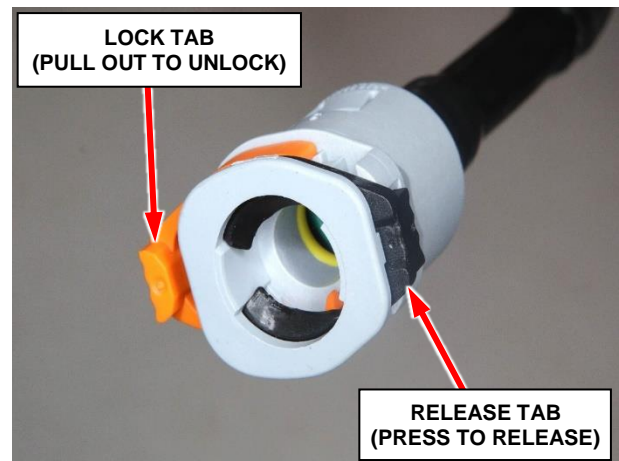


Figure 11 – Lower Fuel Line Lock

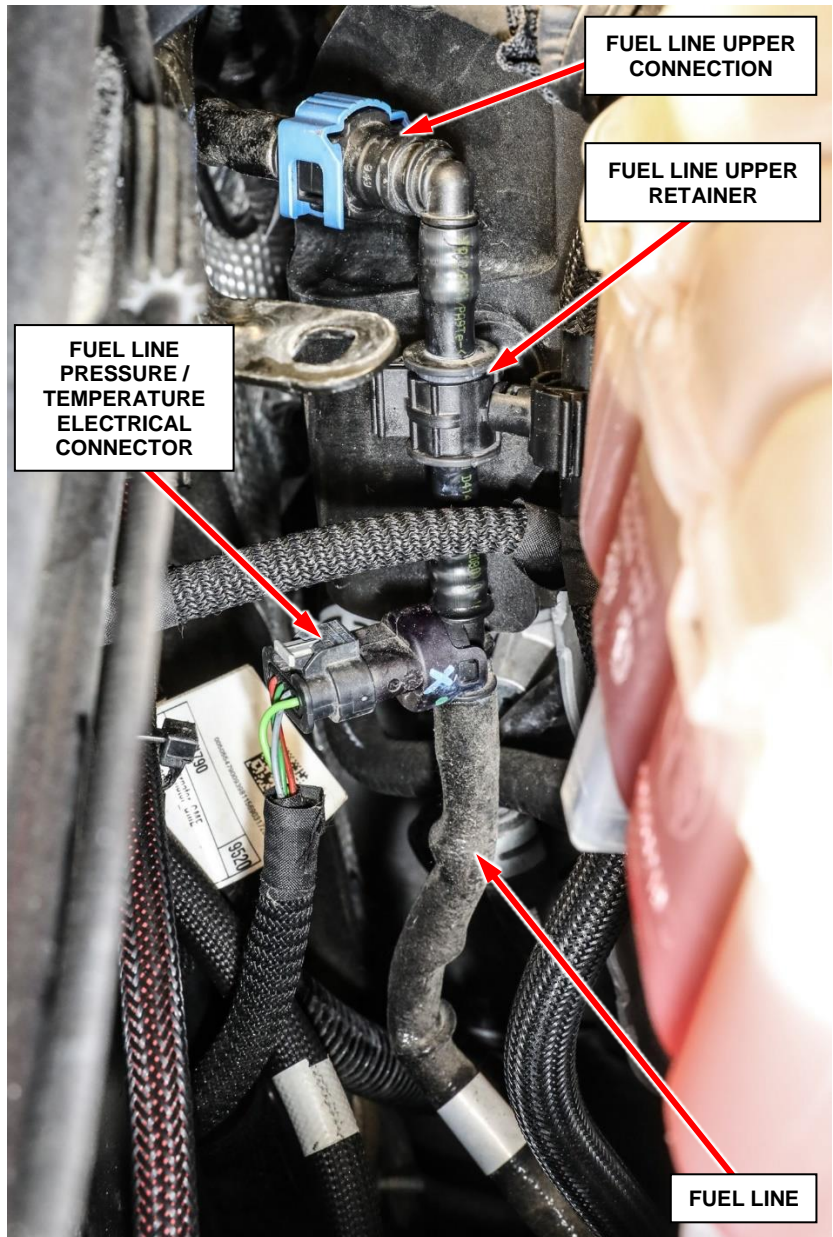
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- 14. Disconnect the fuel pressure / temperature sensor electrical connector (Figure 12).



- 15. Release the fuel line from the upper retainer (Figure 12).

Figure 12 – Fuel Line Upper Portion

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16. Unlatch the upper fuel line lock by pulling up on the lock tab, then squeeze both sides of the fuel line latch to disconnect the fuel line (Figure 13).



Figure 13 – Upper Fuel Line Lock

17. Remove and **DISCARD** the old fuel line (Figure 14).



Figure 14 – Fuel Line

18. Install the **NEW** front fuel supply line, connect the quick connectors and engage the locks at both ends (Figures 10 through 13).

NOTE: Verify fuel line is fully seated and lock is engaged by slightly pulling on the fuel line and making sure it stays connected.

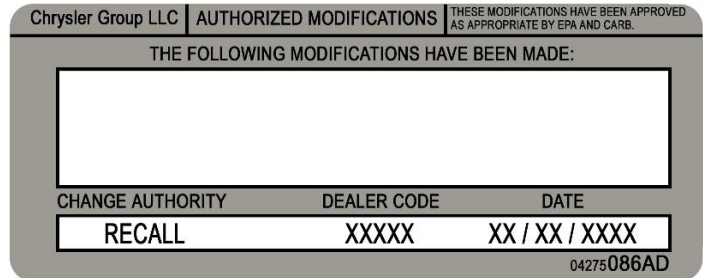
19. Connect the electrical connection for the fuel temperature-pressure sensor (Figure 12).
20. Secure the fuel line in both upper and lower retaining clips (Figures 10 and 12).
21. Position the coolant reservoir and tighten the fasteners securely (Figure 8).
22. Align and install the engine cover and fasten the screws securely (Figure 7).
23. Press the release button and connect the battery negative cable to the post. If equipped with an Intelligent Battery Sensor (IBS), connect the IBS connector (Figure 6).

NOTE: After disconnecting the 12V battery, at the end of the operations, check the date and time on the display and update them if necessary.

24. Install the T-10 fuel pump relay into the fuse box cavity (Figure 5).
25. Install the fuse box cover (Figure 4).
26. Install the trunk compartment load floor reinforcement (Figure 3).
27. Install the trunk compartment load floor carpet panel (Figure 2).
28. Align the battery access panel to the right-side trim opening and rotate the knobs $\frac{1}{4}$ turn (Figure 1).
29. Close the trunk lid.
30. Start the engine and check for any fuel leaks.
31. Using wiTECH, delete any DTCs that may have set during the service procedure.

32. Install the Authorized Modifications Label:

Type or print (with a ballpoint pen) the necessary information onto the Authorized Modifications Label. Then attach the label near the Vehicle Emission Control Information (VECI) label.



The form is a rectangular label with a grey border. At the top left, it says "Chrysler Group LLC". To its right, it says "AUTHORIZED MODIFICATIONS". Further right, in smaller text, it says "THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB.". Below this header, it says "THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:" followed by a large empty rectangular box for handwritten notes. At the bottom, there are three columns: "CHANGE AUTHORITY", "DEALER CODE", and "DATE". Below these columns, there is a table with the following content:

CHANGE AUTHORITY	DEALER CODE	DATE
RECALL	XXXXX	XX / XX / XXXX

At the bottom right corner of the label, the number "04275086AD" is printed.

Authorized Modifications Label

33. Return the vehicle to the customer, for state of California residents complete the Proof of Correction Form.

34. Complete Proof of Correction Form for California Residents:

This recall is subject to the **State of California Registration Renewal/Emissions Recall Enforcement Program**. Complete a Vehicle Emission Recall Proof of Correction Form (**Form No. 81-016-1053**) and **supply it to vehicle owners residing in the state of California** for proof that this recall has been performed when they renew the vehicle registration.

Process Steps to obtain the California Proof of Correction form:

- a. Access the “**DealerCONNECT**” website.
- b. Select the “**Service**” tab.
- c. Under the “**Publications**” heading, select the “**ePublishing**” link.
- d. Sign in using your **Dealer Code** and **Password**.
- e. Select the “**Proof of Correction form**”.

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

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LOGO

VEHICLE PICTURE

YOUR SCHEDULING OPTIONS

1. **RECOMMENDED OPTION**

Call your authorized Alfa Romeo dealership.

2. Call Alfa Romeo Premium Care at **1-866-932-3881**. An agent can confirm part availability and help schedule an appointment.

3. Visit recalls.mopar.com, scan the QR code below, or download the Mopar Owner's Companion App.

QR Code

Get access to recall notifications, locate your Alfa Romeo dealership, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

DEALERSHIP INSTRUCTIONS

Please reference Safety Recall 54B.

IMPORTANT SAFETY RECALL

Low Pressure Fuel Circuit

Dear [Name],

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

FCA has decided that a defect, which relates to motor vehicle safety, exists in certain [2021 model year (GA) Alfa Romeo Giulia] vehicles equipped with a 2.0L engine.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

WHY DOES MY VEHICLE NEED REPAIRS?

The fuel line sensor housing on your vehicle ^[1] may crack and leak fuel. The fuel line sensor fuel leak may cause fuel starvation of the engine. Vehicle occupants may notice a fuel smell while the engine is running or reduced vehicle performance. Leaked fuel in the presence of an ignition source, could result in a fire. **Fuel starvation may result in an unexpected loss of drive power, which can cause a vehicle crash without prior warning. A vehicle fire can result in increased risk of occupant injury and/or injury to persons outside the vehicle, as well as property damage.**

HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA US will repair your vehicle ^[2] free of charge (parts and labor). To do this, your dealer will replace the fuel line sensor housing. The estimated repair time is about one hour. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit, which may require more time. Your time is important to us, so we recommend that you schedule a service appointment to minimize your inconvenience. Ask your dealer for alternate transportation options while your vehicle is in service. Please bring this letter with you to your dealership.

**TO SCHEDULE YOUR FREE REPAIR,
CALL YOUR ALFA ROMEO DEALER TODAY**

CALIFORNIA RESIDENTS

The State of California requires the completion of emission recall repairs prior to vehicle registration renewal. Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the Safety Recall service is performed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof that the Safety Recall has been performed.

In order to ensure your full protection under the emissions warranty provisions, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could be determined as lack of proper maintenance of your vehicle.

WHAT IF I ALREADY PAID TO HAVE THIS REPAIR COMPLETED?

If you have already experienced this specific condition and have paid to have it repaired, you may visit www.fcarecallreimbursement.com to submit your reimbursement request online. ^[3] Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

We apologize for any inconvenience, but are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Assistance/Field Operations
Fiat Chrysler Automobiles US LLC



Mr. Mrs. Customer
1234 Main Street
Hometown, MI 48371

[1] If you no longer own this vehicle, please help us update our records. Call Alfa Romeo Premium Care at 1-866-932-3881 to update your information.

[2] If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to safercar.gov.

[3] You can also mail in your original receipts and proof of payment to the following address for reimbursement consideration: FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.

Note to lessors receiving this recall notice: Federal regulation requires that you forward this recall notice to the lessee within 10 days.