



Revision 1 January 2022

Dealer Service Instructions for:

# Safety Recall Y91 / NHTSA 21V-878

## Front Fuel Delivery Line

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**NOTE: Added part number detail and verification step in re-installation procedure.**

### Remedy Available

**2020 - 2021 (GA) Alfa Romeo Giulia**  
**(GU) Alfa Romeo Stelvio**

*NOTE: This campaign applies only to the above vehicles equipped with a 2.0L and 2.9L engine.*

*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.** Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

### Subject

The fuel sensor housing on about 12,057 of the above vehicles may crack and leak fuel. The fuel line sensor fuel leak may cause fuel starvation of the engine. Fuel starvation may result in an unexpected loss of motive power, which can cause a vehicle crash without prior warning. In rare circumstances, if the leaked fuel comes in contact with an ignition source, a fire could occur. A vehicle fire can result in increased risk of occupant injury and/or injury to persons outside the vehicle, as well as property damage.

## Repair

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

**Section:** A. Giulia and Stelvio 2.0L – Front Fuel Delivery Line Removal

**Section:** B. Giulia and Stelvio 2.0L – Front Fuel Delivery Line Installation

**Section:** C. Stelvio/Giulia 2.9L – Front Fuel Delivery Line Removal

**Section:** D. Stelvio/Giulia 2.9L – Front Fuel Delivery Line Installation

## Alternate Transportation

Dealers should attempt to minimize customer inconvenience by placing the owner in a loaner vehicle if the vehicle must be held overnight.

## Parts Information

<u>Part Number</u>	<u>Description</u>
68400640AA	Line, Front Fuel Delivery (Stelvio 2.9L Engine)
68323454AA	Line, Front Fuel Delivery (Giulia 2.9L Engine)
68364747AA	Line, Front Fuel Delivery ( <b>Giulia AWD or Stelvio AWD/RWD</b> 2.0L Engine)
68361423AA	Line, Front Fuel Delivery ( <b>Giulia RWD</b> 2.0L Engine)
68163848AB	1 Gallon Antifreeze/Coolant (MS-12106)

## Parts Return

No parts return required for this campaign.

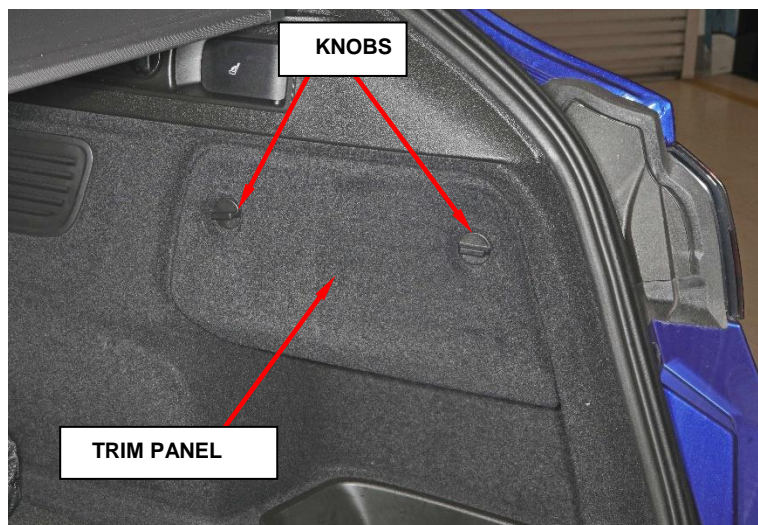
## Special Tools

No special tools are required to perform this service procedure.

**Service Procedure**

**A. Giulia and Stelvio 2.0L – Front Fuel Delivery Line Removal**

1. Perform the fuel pressure release procedure below.
2. Open the deck lid.
3. Rotate the knobs  $\frac{1}{4}$  turn on the right side trim panel and remove the panel (Figure 1).



**Figure 1 - Panel**

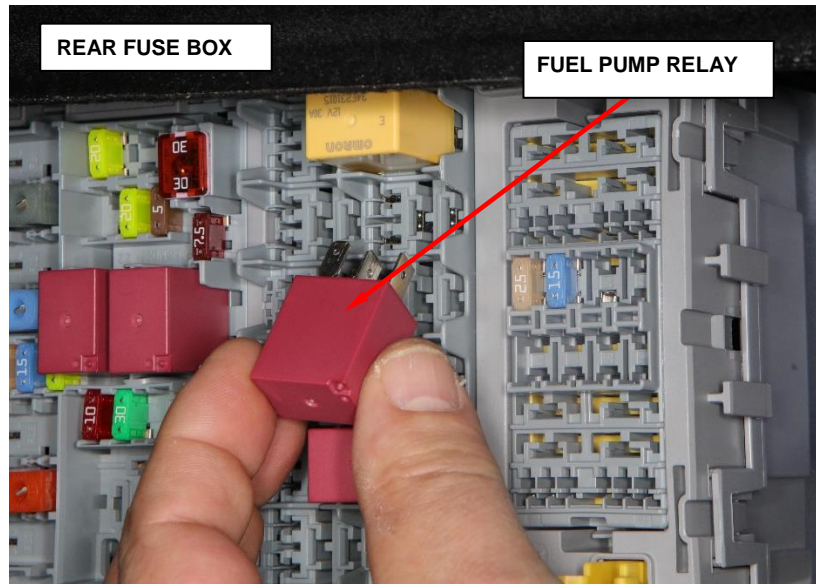
4. Remove the fuse box cover (Figure 2).



**Figure 2 – Fuse Box**

**Service Procedure [Continued]**

5. Locate the T-10 fuel pump relay and remove it and set aside (Figure 3).

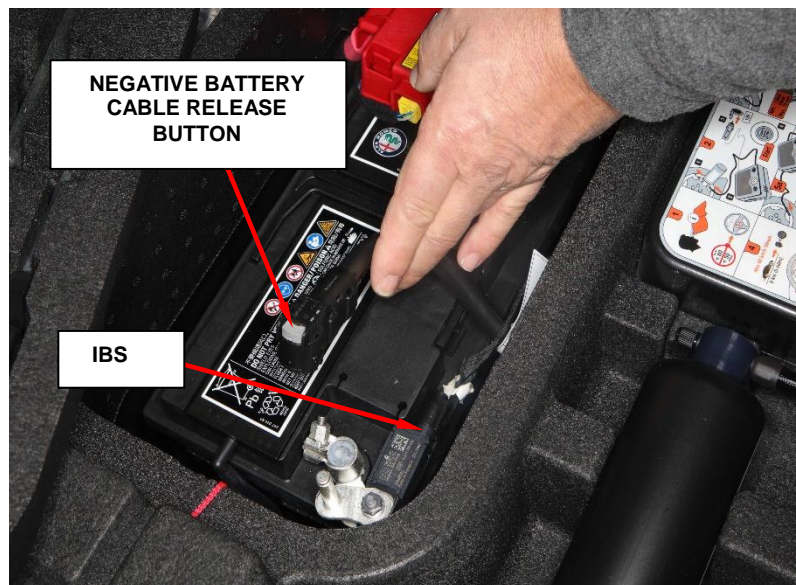


**Figure 3 – Fuel Pump Relay**

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

7. Lift up the compartment load floor and press the release button and disconnect the negative battery cable from the post. If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector (Figure 4).

**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.**

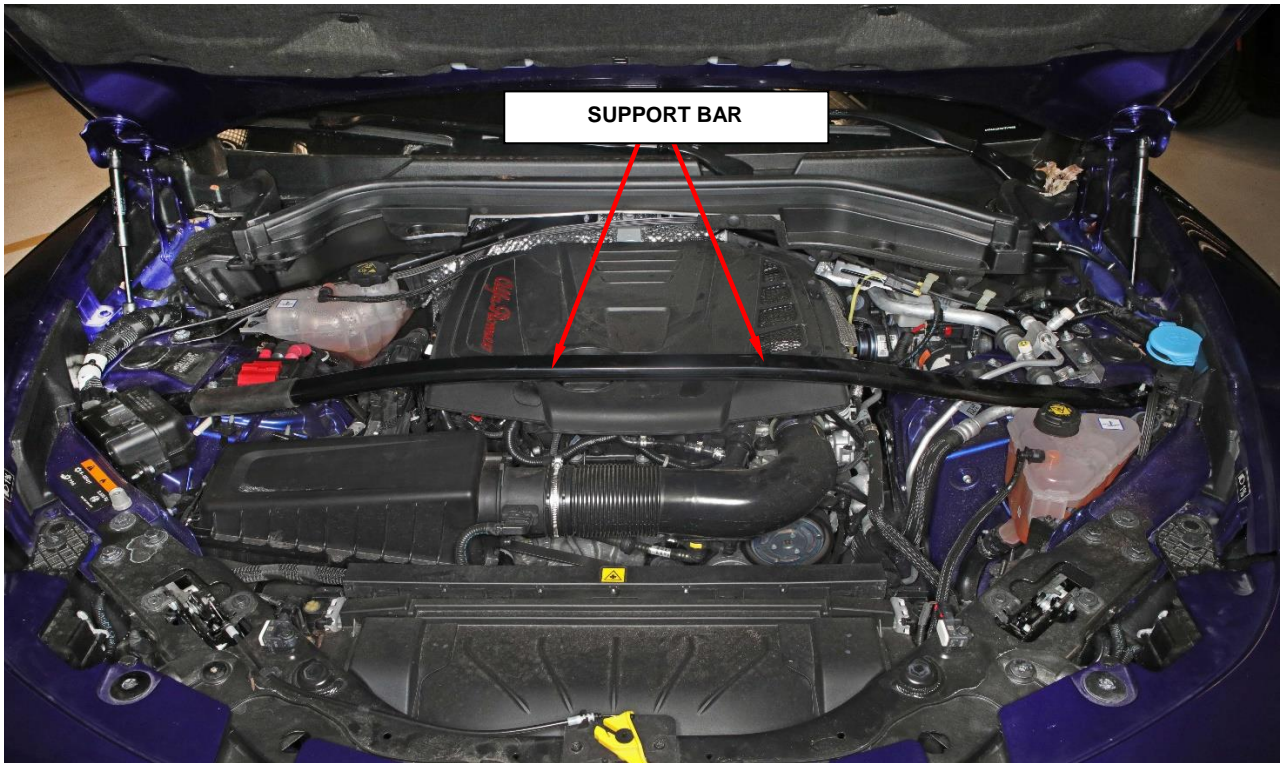


**Figure 4 – Battery Negative Cable**



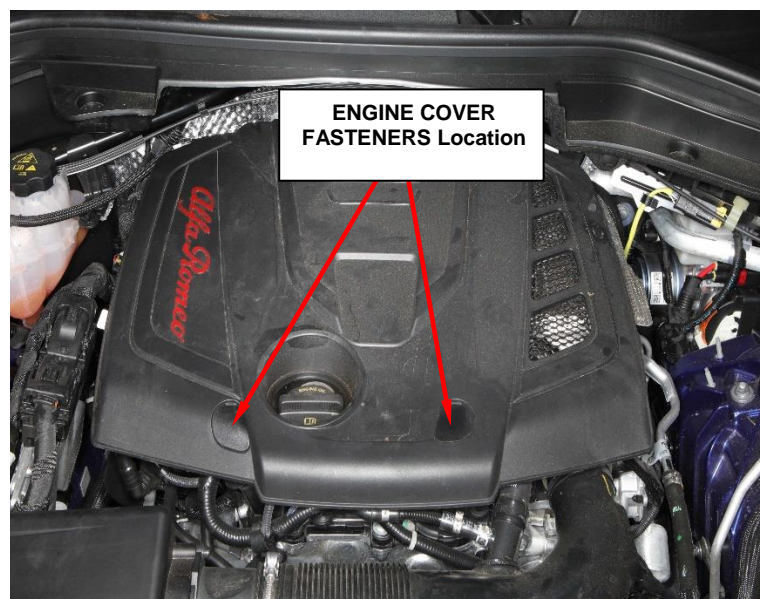
**Service Procedure [Continued]**

8. **If equipped:** Remove the engine compartment cross support bar (Figure 5).



**Figure 5 – Engine Compartment**

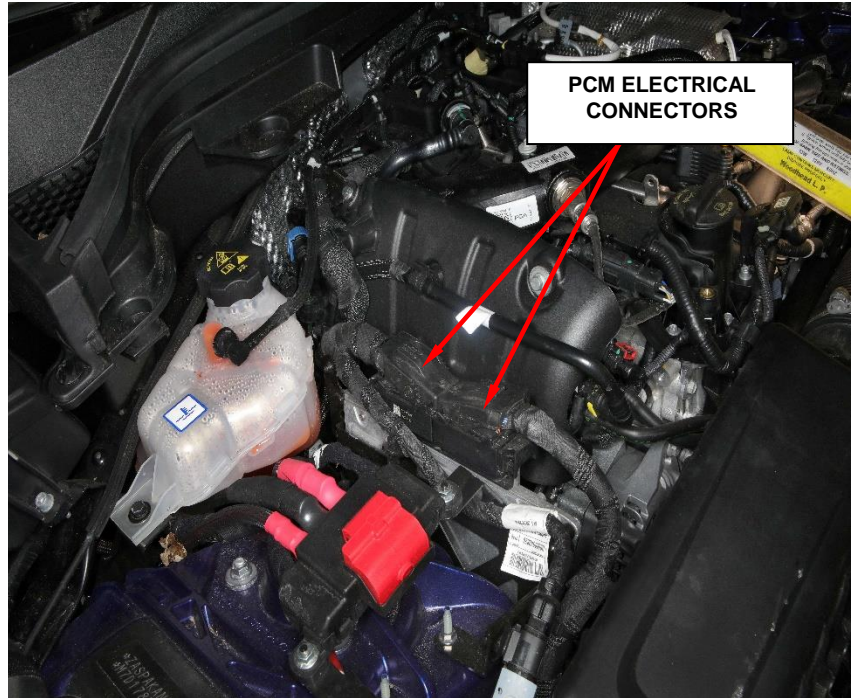
9. Using a small blade screwdriver or equivalent pry on the engine cover caps to access the engine cover fasteners and remove the cover (Figure 6).



**Figure 6 – Engine Cover**

**Service Procedure [Continued]**

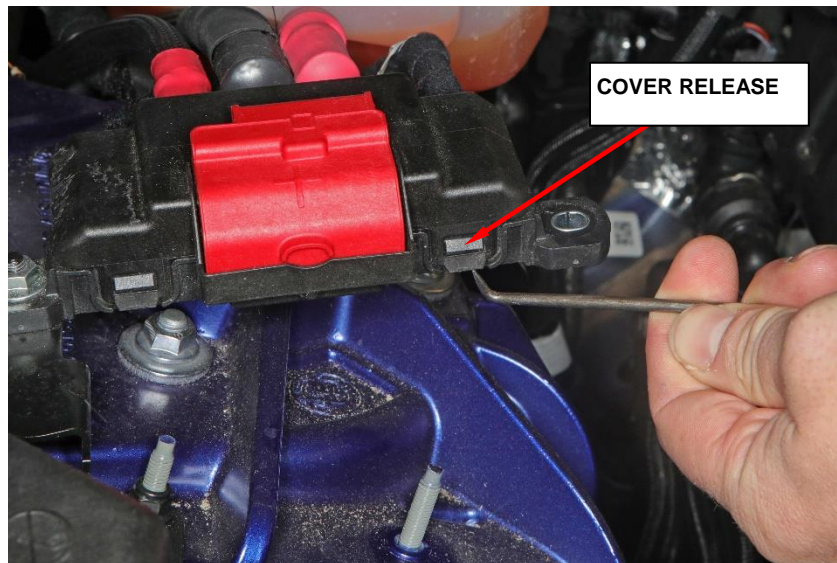
10. Unlatch and disconnect the Powertrain Control Module (PCM) electrical connectors (Figure 7).



11. Remove the PCM fasteners and remove the PCM and the bracket.
12. Using a trim tool disconnect the wiring harness retaining clip attached to the engine compartment.

**Figure 7 – PCM Electrical Connectors**

13. **If equipped:** Using a small blade screw driver or equivalent release the power distribution cover (Figure 8).

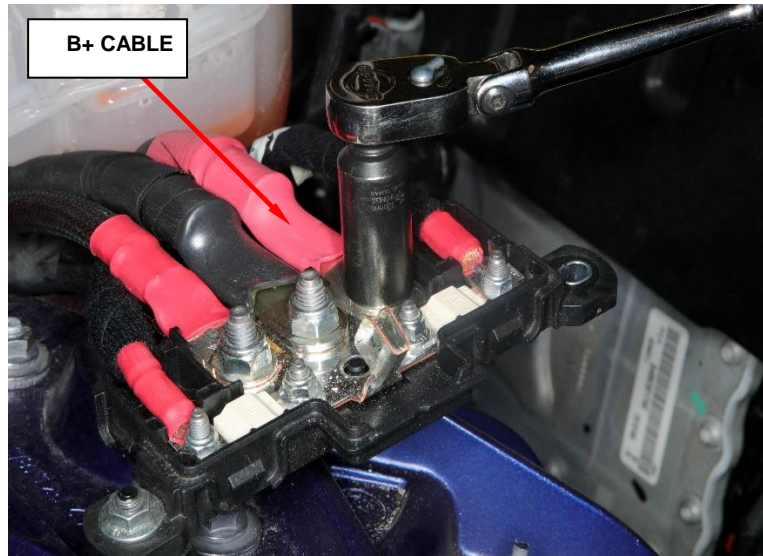


**Figure 8 – Power Distribution Cover**



**Service Procedure [Continued]**

14. **If equipped:** Unfasten and disconnect the right side B+ cable from the power distribution center (Figure 9).

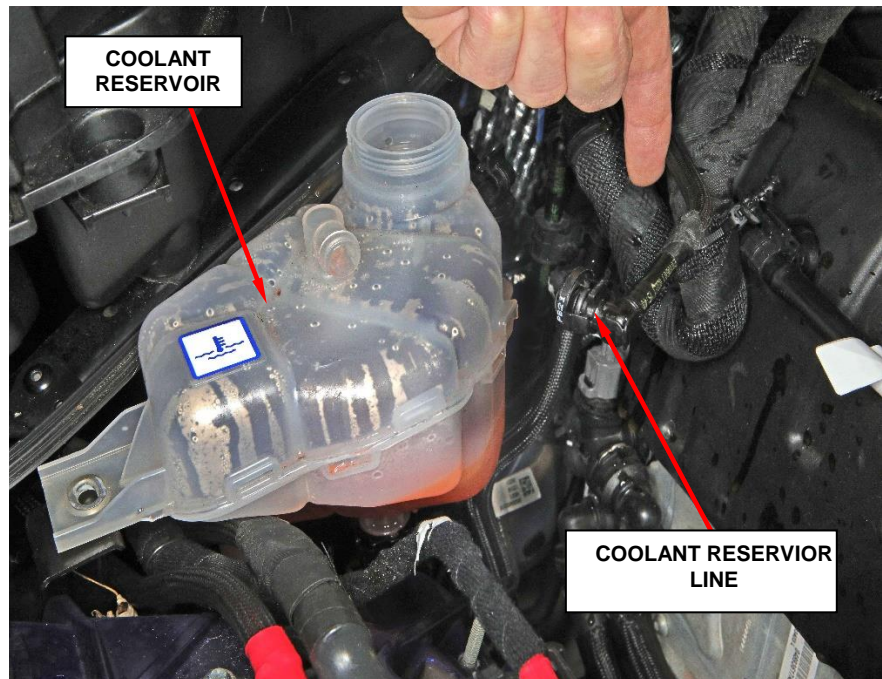


**Figure 9 – Power Distribution Center**

15. Relieve the coolant system pressure by slowly rotating the coolant overflow bottle cap.

16. Disconnect the de-gas coolant line at the coolant reservoir (Figure 10).

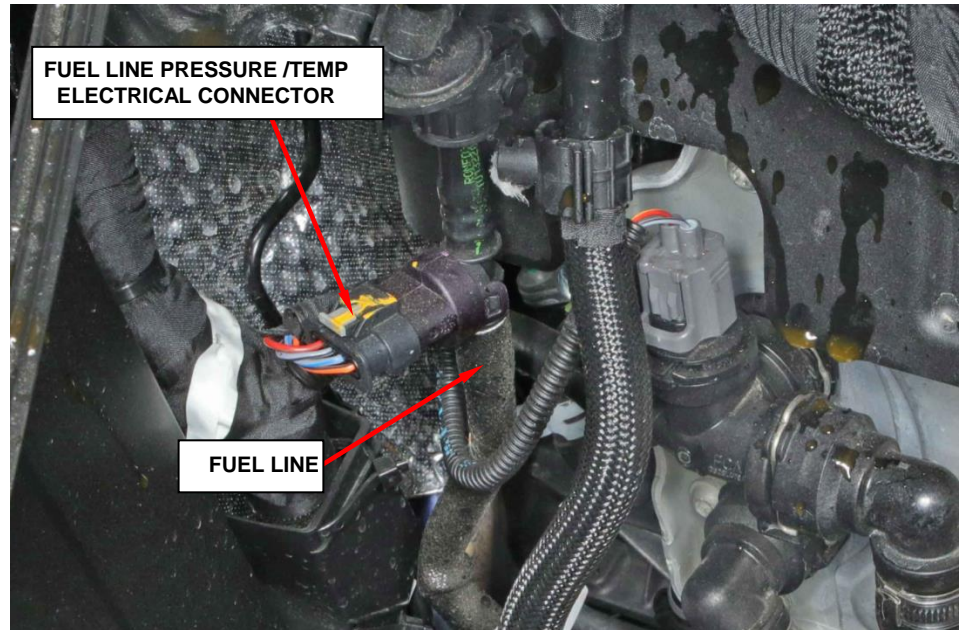
17. Remove the coolant reservoir fasteners and move reservoir to the aside to gain access to the fuel line electrical connector.



**Figure 10 – Coolant Reservoir**

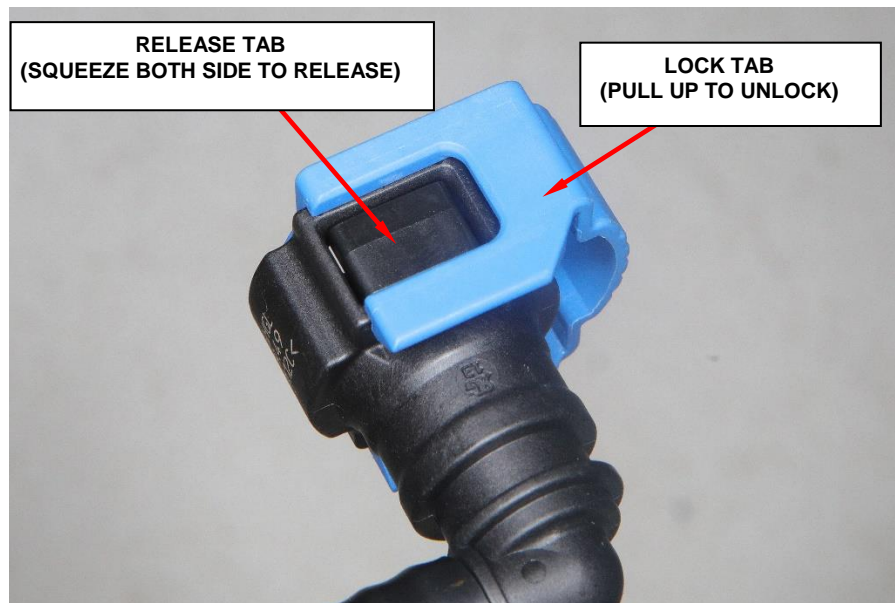
**Service Procedure [Continued]**

18. Disconnect the fuel pressure/temperature sensor electrical connector (Figure 11).



**Figure 11 – Fuel Line Pressure/Temp Sensor**

19. Disconnect the fuel line from the rubber grommets.
20. Unlatch the upper fuel line by pulling up on the tab, squeeze both sides of the fuel line latch to release the fuel line (Figure 12).

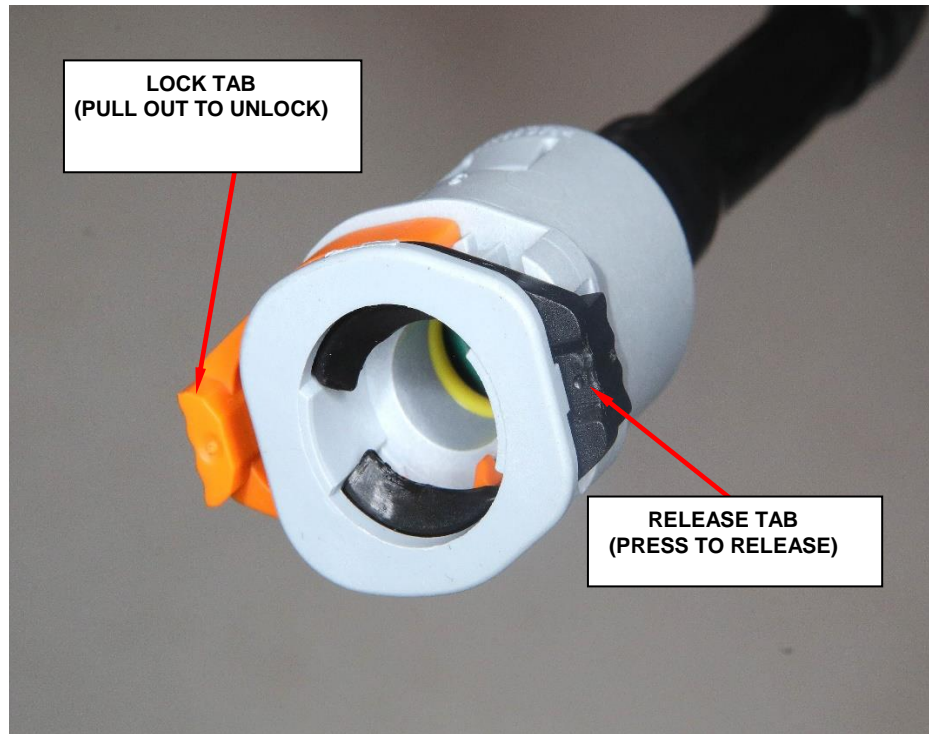


**Figure 12 – Fuel Line Lock**



**Service Procedure [Continued]**

21. Unlatch the lower fuel line lock and press on the bottom of the lock to release the fuel line, remove the fuel line and **DISCARD** (Figure 13).



**Figure 13 – Lower Fuel Line Lock**

22. Proceed to section: **B. Giulia and Stelvio 2.0L – Front Fuel Delivery Line Installation.**

**Service Procedure [Continued]****B. Giulia and Stelvio 2.0L – Front Fuel Delivery Line Installation**

1. Install the **NEW** front fuel supply line, connect the quick connectors and engage the lock.

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

2. Connect the electrical connection for the fuel temperature-pressure sensor.
4. Engage the wiring in the retaining clips.
5. Connect the de-gass quick connector to the coolant reservoir.
7. **If equipped:** Reconnect the B+ cable to the power distribution center (Figure 9).
6. Install the Powertrain Control Module (PCM) and PCM mounting bracket and secure the fasteners.
7. Reconnect the PCM electrical connectors (Figure 7).
8. Align and install the engine cover and fasten the screws securely (Figure 6).
9. If equipped: Install the support bar and tighten the fasteners securely (Figure 5).
10. Lift up the compartment load floor and press the release button and connect the negative battery cable to the post. If equipped with an Intelligent Battery Sensor (IBS), connect the IBS connector (Figure 4).

**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.**

11. Install the T-10 fuel pump relay in to the fuse box cavity.
12. Install the fuse box cover.
13. Align the trim panel to the right side trim opening and rotate the knobs ¼ turn (Figure 1).
14. Close the tailgate.
15. Start the engine and check for any fuel leaks.

**Service Procedure [Continued]**

16. Return the vehicle to the customer, for state of California residents complete the Proof of Correction Form.
17. **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**”.

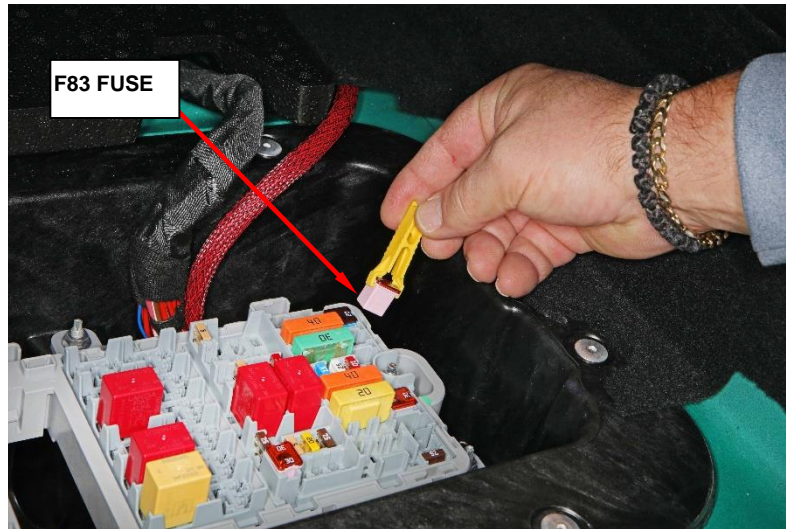


**Service Procedure [Continued]**

**C. Stelvio/Giulia 2.9L – Front Fuel Delivery Line Removal**

1. Perform the fuel pressure release procedure below:

- a) Open the tailgate
- b) Remove the compartment load floor.
- c) Remove the fuse box lid.
- d) Remove the F83 fuse (Figure 14).

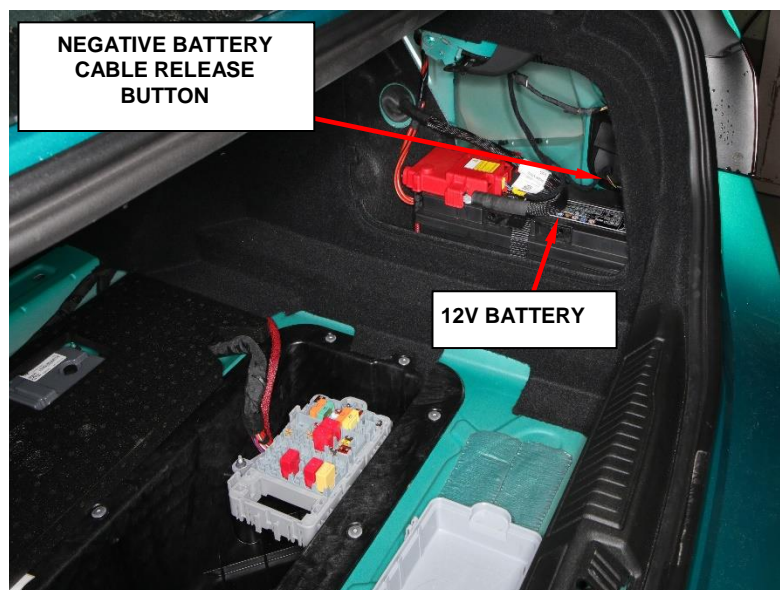


**Figure 14 – Fuse Box**

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

3. Press the release button and disconnect the negative battery cable from the post. If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS connector (Figure 15).

**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.**



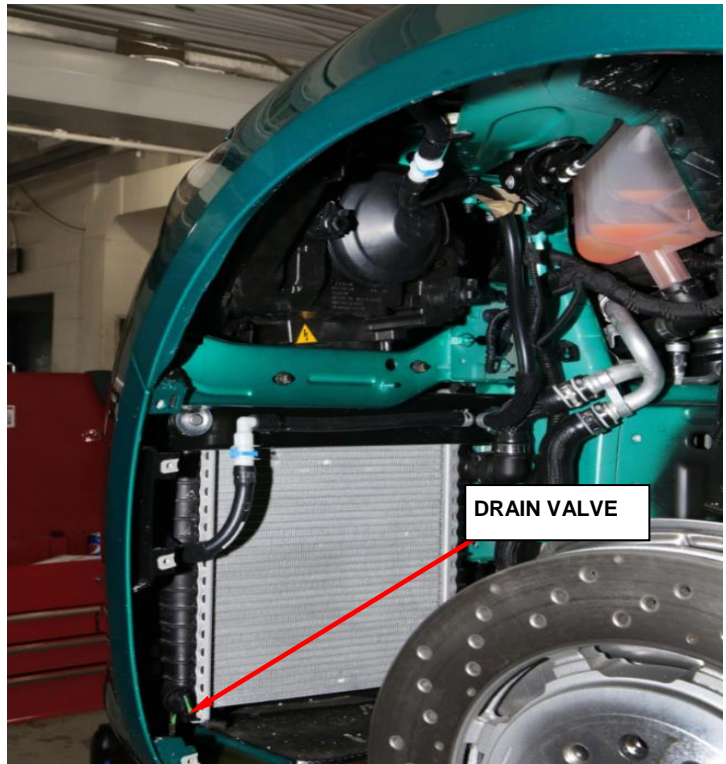
**Figure 15 – Battery Negative Cable**

**Service Procedure [Continued]**

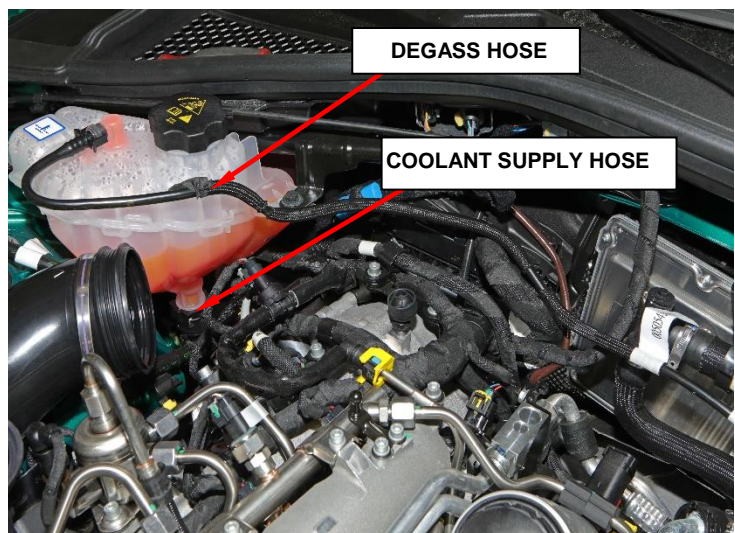
4. Remove the belly pan.
5. Remove the left front wheel and the front wheel well housing splash shield.
6. Open the coolant drain valve and partially drain the cooling system until the right coolant reservoir is empty (Figure 16).

**NOTE: Do not open the drain valve if the engine is hot as there is a danger of scalding.**

7. Remove the engine cover.
8. Remove the air cleaner housing and air inlet ducts.
9. Remove the coolant supply hose quick connector retainer and disconnect the hose.
10. Remove the degassing hose quick connector.
11. Remove coolant reservoir fasteners and remove the reservoir.



**Figure 16 - Valve**

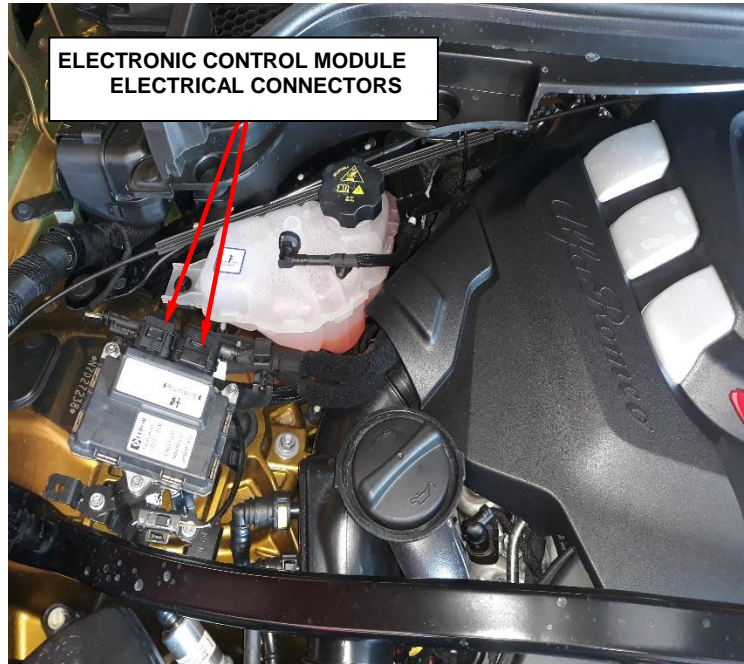


**Figure 17 – Coolant Reservoir**

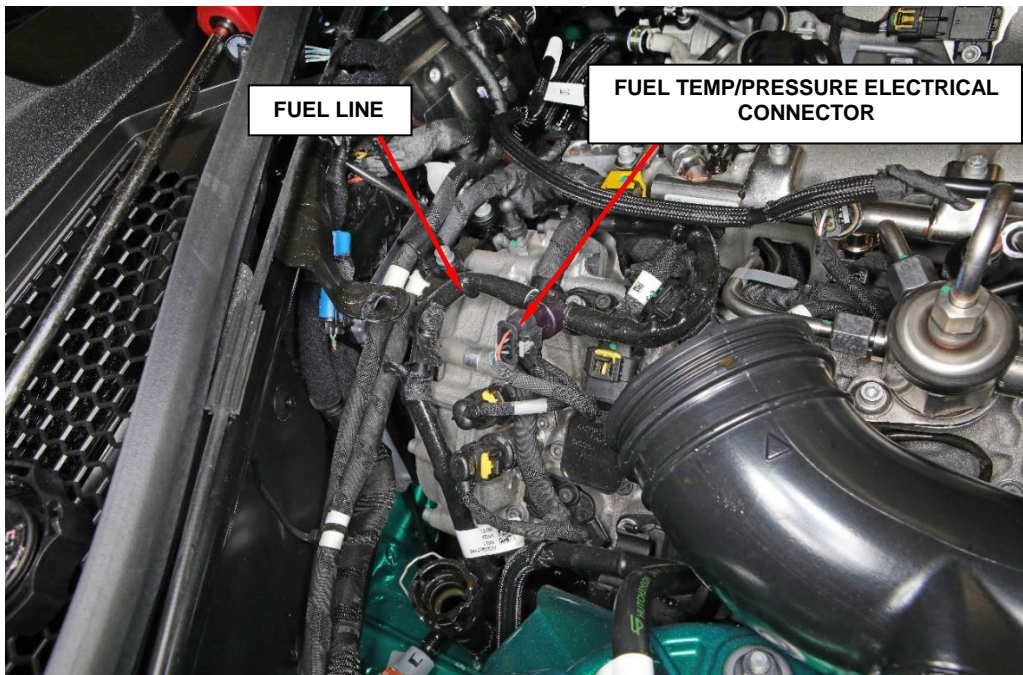


**Service Procedure [Continued]**

12. **If equipped:** Disconnect the left fender electronic control module electrical connectors (Figure 18).
13. Disconnect the electrical connector from the fuel temperature-pressure sensor (Figure 19).
14. Disconnect the quick connectors and remove the front fuel supply line complete with fuel pressure-temperature sensor and **DISCARD** the line.



**Figure 18 – Electronic Control Module**



**Figure 19 – Fuel Line**

15. Proceed to section: **D. Stelvio/Giulia 2.9L – Front Fuel Delivery Line Installation.**



**Service Procedure [Continued]****D. Stelvio/Giulia 2.9L – Front Fuel Delivery Line Installation**

1. Place the **NEW** front fuel supply line in the rubber grommets and connect the quick connectors and lock the tabs.

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

2. Connect the electrical connector to the fuel temperature-pressure sensor.
3. Install the coolant reservoir and secure the fasteners.
4. Connect the coolant supply and degass hoses.
5. Reconnect the electronics control module electrical connectors.
6. Install the air cleaner and ducts.
7. Install the left front wheel housing splash shield and the left front tire.
8. Install the belly pan.
9. Install the engine cover.
10. Install the F83 fuse in to the fuse box cavity.
11. Install the fuse box cover.
12. Install the compartment load floor.
13. Connect the negative battery cable to the post. If equipped with an Intelligent Battery Sensor (IBS), connect the IBS connector.

**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.**

14. Align and install the trim panel to the right side trim opening and rotate the knobs  $\frac{1}{4}$  turn to lock in place.
15. Close the tailgate.

**Service Procedure [Continued]**

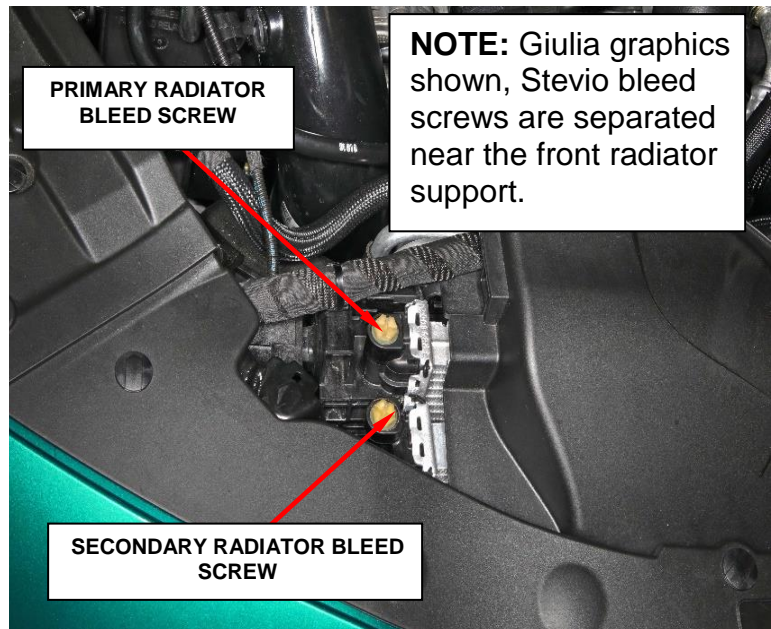
16. Fill the cooling system by following the procedure below:

a) Open the bleed screws on the primary and secondary radiators (Figure 20).

b) Add coolant to the reservoir until fluid starts to come out of the two bleed screws. Tighten the bleed screws.

c) Install the coolant reservoir cap.

d) Start and run the engine, if there is a noticeable drop in the level in the supply tank at this point, turn off the engine and open the cap very carefully and add fluid to the full mark on the reservoir.



**Figure 20 – Cooling System Bleeder Screws**

17. Check for any fuel or coolant leaks.

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

<b>Service Procedure [Continued]</b>
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**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**”.



**Completion Reporting and 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 one of the following labor operation numbers and time allowances:

<b>Labor Operation Number</b>	<b>Time Allowance</b>	
Replace front fuel delivery line (Giulia 2.0L)	14-Y9-11-82	0.8 hours
Replace front fuel delivery line (Giulia 2.9L)	14-Y9-11-83	1.3 hours
Replace front fuel delivery line (Stelvio 2.0L)	14-Y9-11-84	0.9 hours
Replace front fuel delivery line (Stelvio 2.9L)	14-Y9-11-85	1.4 hours
Floor Plan Reimbursement	95-95-95-97	Calculate See Below

Floor Plan Reimbursement represents the vehicle’s average daily allowance (see table below) multiplied by the number of days the vehicle was in dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop sale to the date that the remedy was made available. Note: If the vehicle was received by your dealership (KZX date) AFTER the stop sale date, you will use the KZX date instead of the stop sale date. For this Recall, the stop sale was initiated on **11/19/2021** and the remedy was made available on **01/11/2022**, therefore, the number of days cannot exceed **53 days**.

<b>Vehicle</b>	<b>Average Daily Allowance</b>
<b>2020 - 2021 (GU) Alfa Romeo Stelvio</b>	█
<b>2020 - 2021 (GA) Alfa Romeo Giulia</b>	█

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

## 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 and 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.

This notice applies to your vehicle.

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

Y91/NHTSA 21V-878

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 nearest dealer, 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 Y91.

# IMPORTANT SAFETY RECALL

## Front Fuel Delivery Line

Dear [Name],

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

FCA US has decided that a defect, which relates to motor vehicle safety, exists in certain [2020 and 2021 Model Year (GU) Alfa Romeo Stelvio and (GA) Alfa Romeo Giulia] vehicles.

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?

Your vehicle <sup>[1]</sup> may have been equipped with a fuel line sensor housing that may crack and leak fuel. The fuel line sensor fuel leak may cause fuel starvation of the engine. Fuel starvation may result in an unexpected loss of motive power, increasing the risk of a vehicle crash without prior warning. If the leaked fuel comes in contact with an ignition source, a fire could occur. 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 <sup>[2]</sup> free of charge (parts and labor). To do this, your dealer will replace the front fuel delivery line. The estimated repair time is about 3 hours. 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. 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](http://www.fcarecallreimbursement.com) to submit your reimbursement request online. <sup>[3]</sup> 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  
FCA 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 the FCA Recall Assistance Center at 1-800-853-1403 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](http://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.