



May 2018

Dealer Service Instructions for:

## Safety Recall U39 / NHTSA 18V-282 Fuel Supply Tube

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### Remedy Available

**2018 (KL) Jeep® Cherokee**

*NOTE: This recall applies only to the above vehicles equipped with the 2.4L (ED6, ED8) engines built from September 01, 2017 through January 03, 2018 (MDH 090100 through 010304).*

**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 tube on about 48,900 of the above vehicles may have been skived during the manufacturing process. A skived fuel tube may result in a fuel leak and potentially a subsequent engine compartment fire, increasing the risk of injury to occupants and/or bystanders.

### Repair

Inspect and replace the fuel tube as needed.

## Inspection Procedure

### A. Fuel Supply Tube Inspection

1. Open the engine compartment hood.

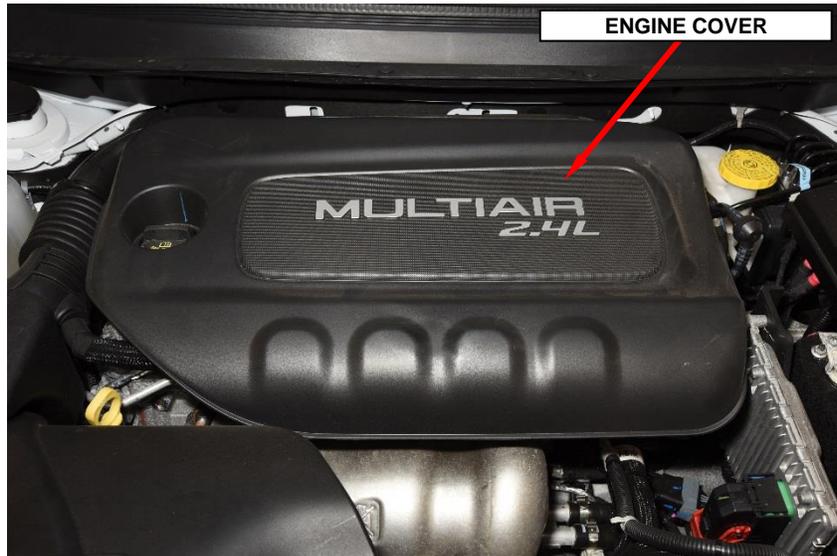


Figure 1 – Engine Cover

2. Remove the engine cover from the ball studs and set aside (Figure 1).

3. Locate the fuel supply tube near the cowl behind the engine (Figure 2).

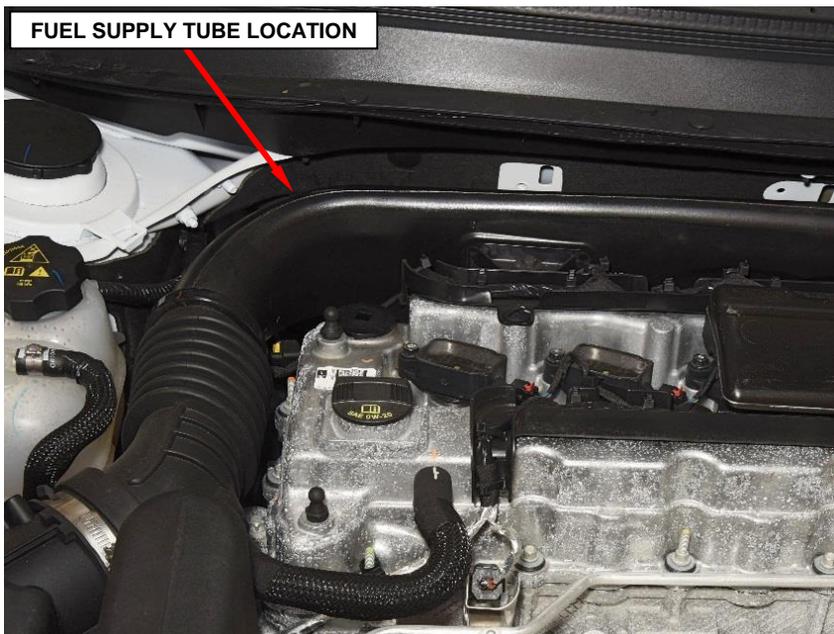
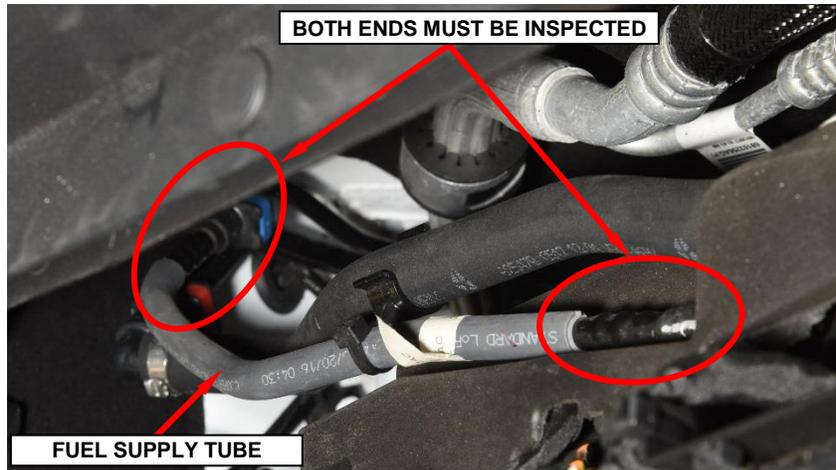


Figure 2 – Fuel Supply Tube Location

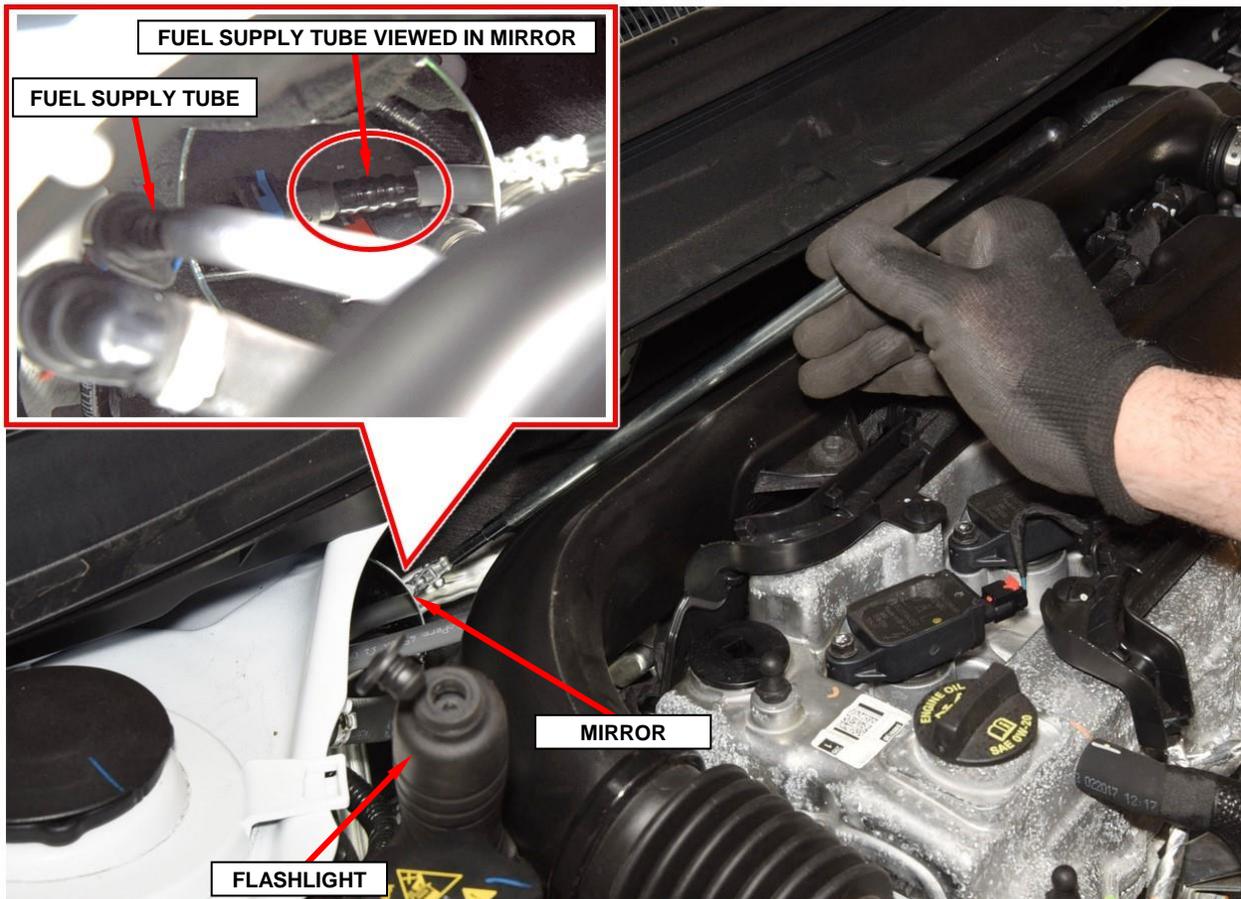
**Inspection Procedure [Continued]**

- Using a mirror and a flashlight, carefully inspect **both** ends of the fuel supply tube at the quick-connect fitting connections.

Inspect the tube for any signs of damage such as being cut, scraped or skived (Figures 3, 4 and 5).



**Figure 3 – Fuel Supply Tube**



**Figure 4 – Using Mirror and Flashlight Inspect Fuel Supply Tube for Damage**

**Inspection Procedure [Continued]**

5. Both ends of the fuel supply tube must have no signs of visible damage such as being cut, scraped or skived (Figure 5).
- **GOOD** - Fuel supply tube has no signs of damage. Install the engine cover and close the engine compartment hood. This recall inspection is complete; claim the inspection LOP and return the vehicle to the customer.
  - **BAD** - Fuel supply tube has visible signs of damage such as being cut, scraped or skived. The fuel supply tube must be replaced. Proceed to **Section B. Fuel Tube Replacement**.

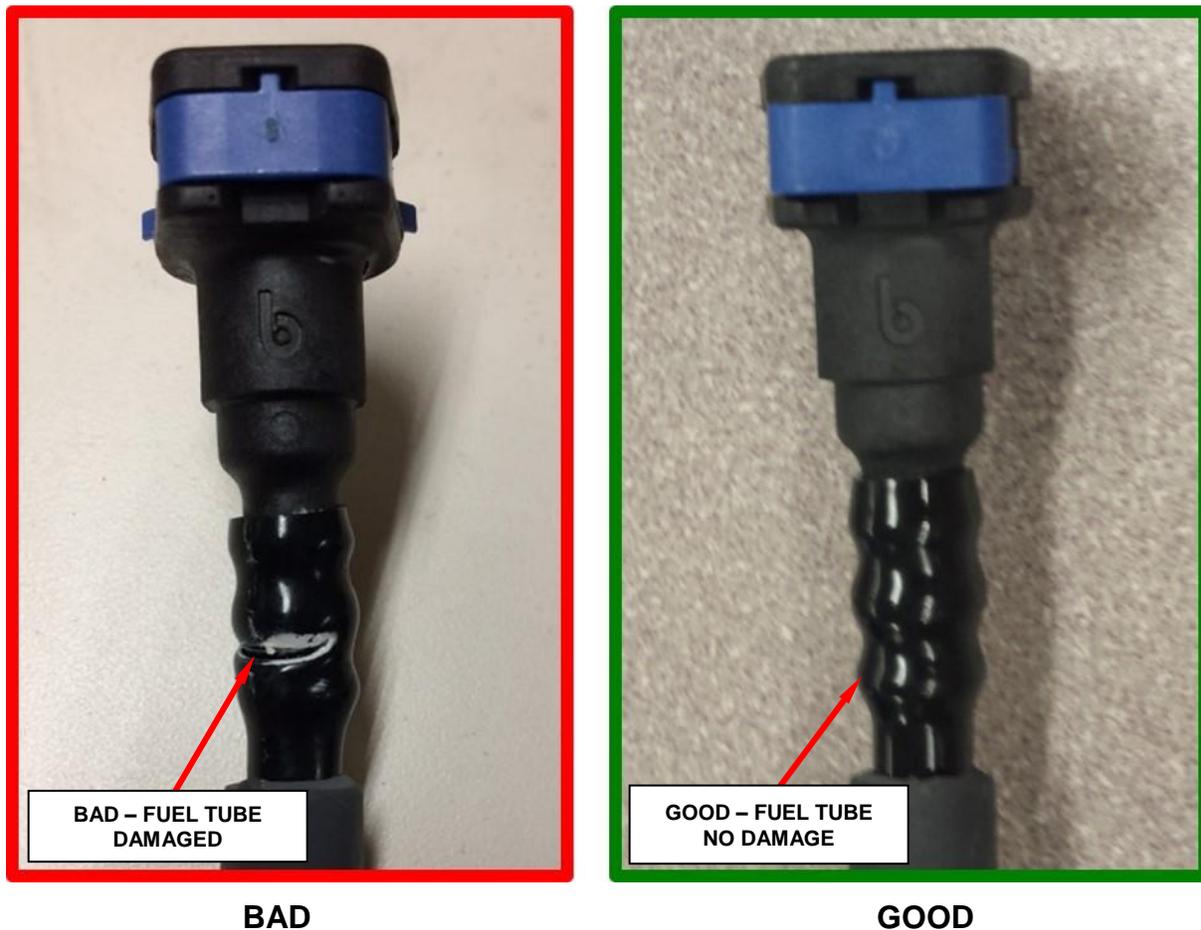


Figure 5 – Fuel Supply Tube – Inspect for Damage

**IMPORTANT:** Both ends of the fuel supply tube must be inspected for any signs of damage such as being cut, scraped or skived.

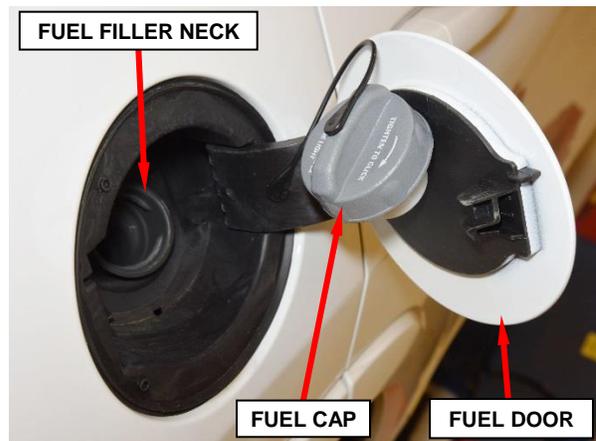


**Service Procedure**

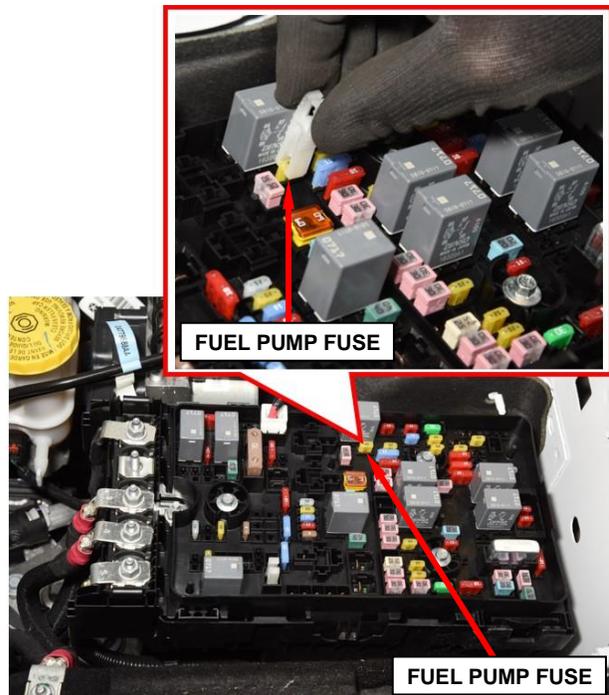
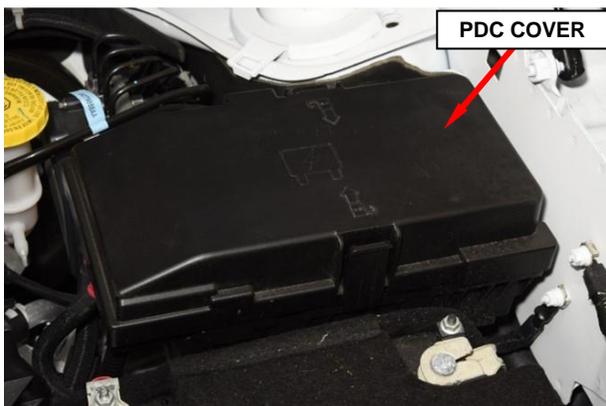
**B. Fuel Tube Replacement**

**WARNING:** The fuel system is under constant pressure even with engine off. Until the fuel pressure has been properly relieved from the system, do not attempt to open the fuel system. Do not smoke or use open flames/sparks when servicing the fuel system. Wear protective clothing and eye protection. Make sure the area in which the vehicle is being serviced is well ventilated.

1. Remove the fuel fill cap to relieve fuel tank pressure (Figure 6).
2. Remove and save the Power Distribution Center (PDC) cover (Figure 7).
3. Remove and save the fuel pump fuse F43 (Figure 7).
4. Start and run the engine until it stalls.
5. Attempt restarting the engine until it will no longer run.
6. Return the ignition push button to the “OFF” position.



**Figure 6 – Fuel Filler**

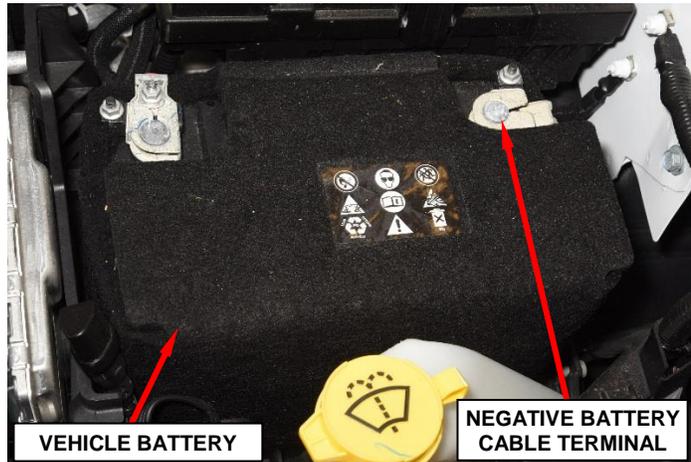


**Figure 7 – Power Distribution Center – Fuel Pump Fuse**

**Service Procedure [Continued]**

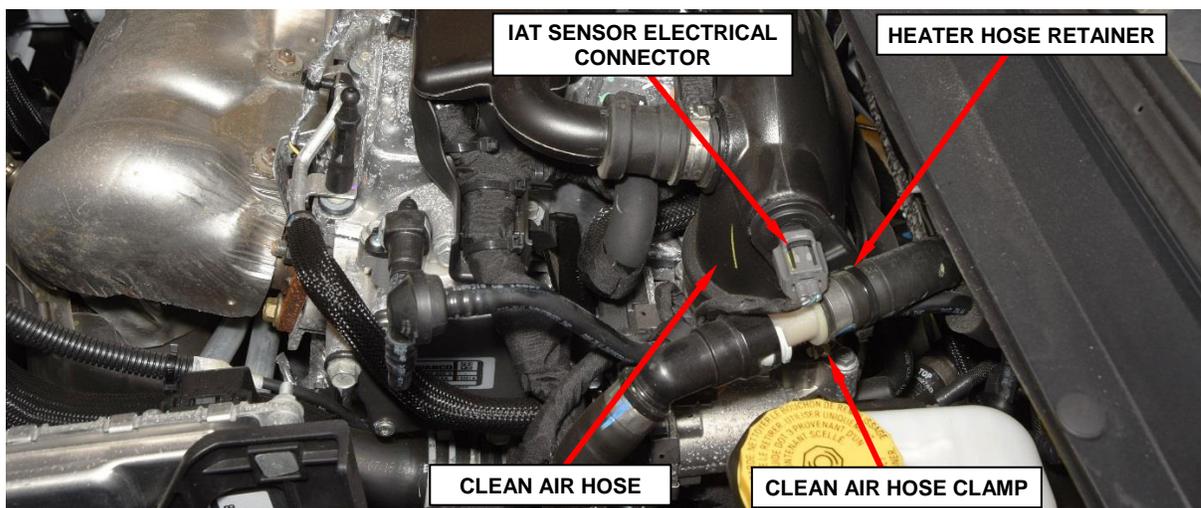
7. Disconnect and isolate the negative battery cable terminal from the vehicle battery (Figure 8). **For vehicles equipped with a supplemental battery**, also disconnect and isolate the negative battery cable terminal from the supplemental battery

**NOTE: If equipped with an Intelligent Battery Sensor (IBS), disconnect the IBS electrical connector first before disconnecting the negative battery cable terminal from the battery.**



**Figure 8 – Battery Negative Cable Terminal**

8. Disconnect the electrical connector from the Inlet Air Temperature (IAT) sensor (Figure 9).
9. Release the pushpin retainer that secures the heater hose to the clean air hose (Figure 9).
10. Loosen the clamp that secures the clean air hose to the throttle body inlet (Figure 9).



**Figure 9 – Clean Air Hose – IAT Sensor – Heater Hose**

**Service Procedure [Continued]**

11. Release the pushpin retainer that secures the clean air hose resonator to the cylinder head cover (Figure 10).
12. Remove and save the bolt that secures the clean air hose to the cylinder head cover (Figure 10).
13. Loosen the clamp that secures the clean air hose to the air cleaner body (Figure 10).
14. Remove the make-up air hose from the clean air hose (Figure 10).
15. Disengage the clean air hose from the throttle body inlet and air cleaner body.
16. Tip the top edge of the clean air hose slightly forward then remove and save the clean air hose.

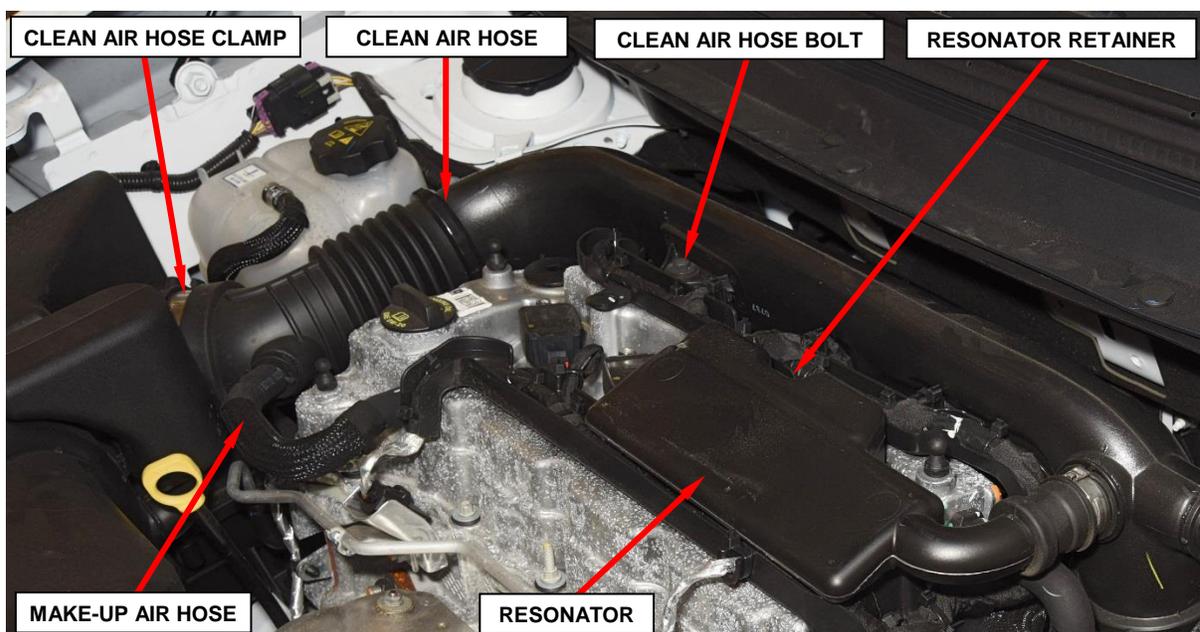


Figure 10 – Clean Air Hose – Make-Up Air Hose – Resonator

**Service Procedure [Continued]**

17. Place a rag or towel below the fuel supply tube quick-connect fitting in order to absorb any residual fuel that may spill.

**CAUTION: Do not pry or pull up on the push button as damage to the latches of the quick-connect fitting will occur.**

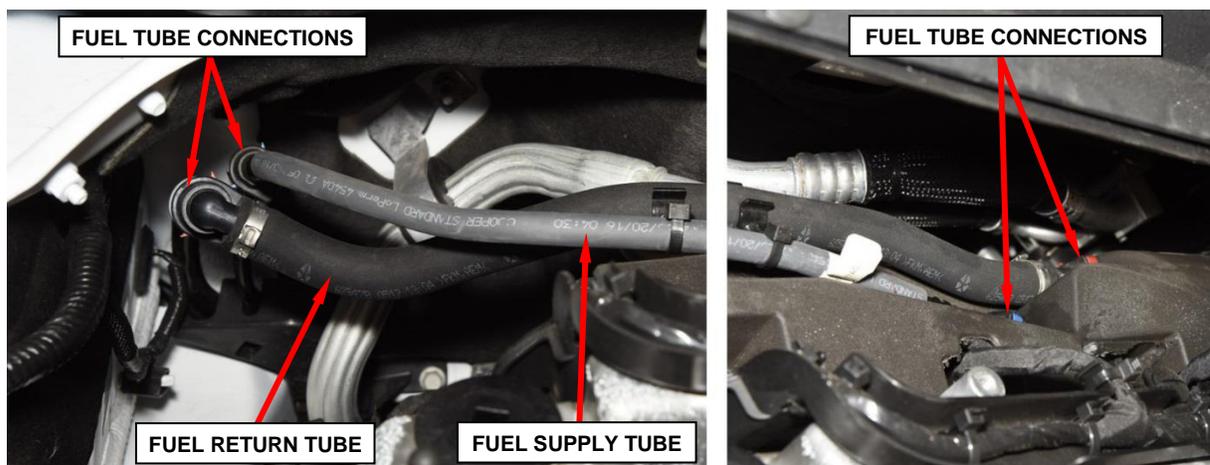
18. Perform the following steps to release the fuel tube quick-connect fitting from the fuel system component.

- a. Pull the redundant latch out away from the quick-connect fitting (Figure 11).
- b. Press on the push button with your thumb to release the internal latches, then remove the quick-connect fitting from the fuel system component (Figure 11).



**Figure 11 – Fuel Tube Quick-Connect Fitting**

19. Repeat **Step 18** for all four fuel tube connections (Figure 12).
20. Remove and discard the fuel tubes supply and return (Figure 12).



**Figure 12 – Fuel Supply and Return Tubes**

**Service Procedure [Continued]**

21. Ensure that all fuel tube connections on the vehicle and the engine are clean and free of debris before connecting the fuel supply and return tubes.
22. Install the **new** fuel supply and return tubes into position (Figure 12).
23. Connect the fuel tube to the fuel system component, then depress the redundant latch to secure the quick-connect fitting to the fuel system component. Repeat for all four fuel supply and return tube connections (Figure 11).
24. Install the clean air hose to the engine (Figure 10).
25. Connect the clean air hose to the throttle body inlet and air cleaner body.
26. Connect the make-up air hose to the clean air hose (Figure 10).
27. Tighten the clamp that secures the clean air hose to the air cleaner body (Figure 10).
28. Install and tighten the bolt that secures the clean air hose to the cylinder head cover (Figure 10).
29. Fasten the pushpin retainer that secures the clean air hose resonator to the cylinder head cover (Figure 10).
30. Tighten the clamp that secures the clean air hose to the throttle body inlet (Figure 9).
31. Fasten the pushpin retainer that secures the heater hose to the clean air hose (Figure 9).
32. Connect the electrical connector to the Inlet Air Temperature (IAT) sensor (Figure 9).
33. Install the fuel pump fuse F43 to the PDC (Figure 7).
34. Install the PDC cover (Figure 7).

**Service Procedure [Continued]**

35. Connect the negative battery cable terminal to the vehicle battery then tighten the clamp (Figure 8). For vehicles equipped with a supplemental battery, also connect the negative battery cable terminal to the supplemental battery.

**NOTE: If equipped with an Intelligent Battery Sensor (IBS), connect the IBS electrical connector after connecting the negative battery cable terminal to the battery.**

36. Install fuel fill cap and close the fuel door (Figure 8).
37. Start the engine and inspect the fuel supply and return tube connections for any leaks. Correct any fuel leaks before continuing with this procedure.
38. Align the engine cover to the ball studs then press down on the engine cover with hands to secure the engine cover to the ball studs (Figure 1).

**NOTE: The Electronic Power Steering Verification Test must be performed after disconnecting the vehicle battery.**

39. Start the engine and turn the steering wheel from stop-to-stop for at least five minutes.
40. Place the ignition switch in the “OFF” position and close the vehicle doors to allow the serial communications buss to enter sleep mode.

**NOTE: One or more Diagnostic Trouble Codes (DTC)s may have been stored in the PCM memory due to fuel pump relay removal. The wiTECH diagnostic scan tool must be used to erase all DTCs.**

41. Connect the wiTECH micro pod II to the vehicle data link connector.
42. Place the ignition in the “RUN” position.
43. Open the wiTECH 2.0 website.
44. Enter your “User id” your “Password” and your “Dealer Code”, then select “Finish” at the bottom of the screen.

### **Service Procedure [Continued]**

45. Starting at the “**Vehicle Selection**” screen, select the vehicle.
46. From the “**Topology**” screen, select the “**All DTCs**” tab, then view and clear all DTCs.
47. Place the ignition in the “**OFF**” position and remove the wiTECH micro pod II from the vehicle.
48. Close the engine compartment hood.
49. Return the vehicle to the customer.
50. Complete the proof of correction form for California residents.

### **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>
Inspect fuel supply tube for damage	14-U3-91-81	0.2 hours
Inspect and replace fuel tube assembly	14-U3-91-82	0.7 hours

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

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.

Customer Services / Field Operations  
FCA US LLC

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

U39/NHTSA 18V-282

LOGO

VEHICLE PICTURE

#### YOUR SCHEDULING OPTIONS

**1. RECOMMENDED OPTION**

Call your authorized Chrysler / Dodge / Jeep® / RAM / Dealership

**2. Call the FCA Recall Assistance Center at 1-800-853-1403. 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 U39.

# IMPORTANT SAFETY RECALL

## Fuel Supply Tube

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 [2018 Model Year Jeep Cherokee] vehicles equipped with a 2.4L 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 tube on your vehicle <sup>[1]</sup> may have been skived during the manufacturing process. **A skived fuel tube may result in a fuel leak and potentially a subsequent engine compartment fire, increasing the risk of injury to occupants and/or bystanders.**

#### HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA will repair your vehicle <sup>[2]</sup> free of charge (parts and labor). To do this, your dealer will inspect and replace the fuel line as needed. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit. Your time is important to us; please be aware that these steps may require more time. The estimated repair time is one hour. 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 CHRYSLER, DODGE, JEEP OR RAM 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 Emission 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 Emission Recall has been performed.

#### 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  
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 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.