



February 2018

Dealer Service Instructions for:

Safety Recall U02 / NHTSA 18V-048

Fuel Supply Jumper Tube

Models

2018 (WK) Jeep® Grand Cherokee Trackhawk

NOTE: This recall applies only to the above vehicles equipped with a 6.2L V8 supercharged engine (sales code ESD) built from October 11, 2017 through December 11, 2017 (MDH 101105 through 121117).

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 line on about 1,200 of the above vehicles could separate resulting in an engine stall and/or a potential engine compartment fire. Either of these conditions could increase the likelihood of occupant injury, and an engine stall can cause a vehicle crash without prior warning.

Repair

The fuel supply jumper tube must be inspected and replaced as needed.

Alternate Transportation

Dealers should attempt to minimize customer inconvenience by placing the owner in a loaner vehicle if inspection determines that fuel supply jumper tube replacement is required and the vehicle must be held overnight.

Parts Information

<u>Part Number</u>	<u>Description</u>
68305419AB	Jumper, Fuel Supply

Ordering of part number **68305419AB** is restricted by VIN. Due to the small number of involved vehicles expected to require fuel supply jumper tube replacement, no parts will be distributed initially. **The fuel supply jumper tube should be ordered only after inspection determines that repair is required. *Very few vehicles are expected to require fuel supply jumper tube replacement.***

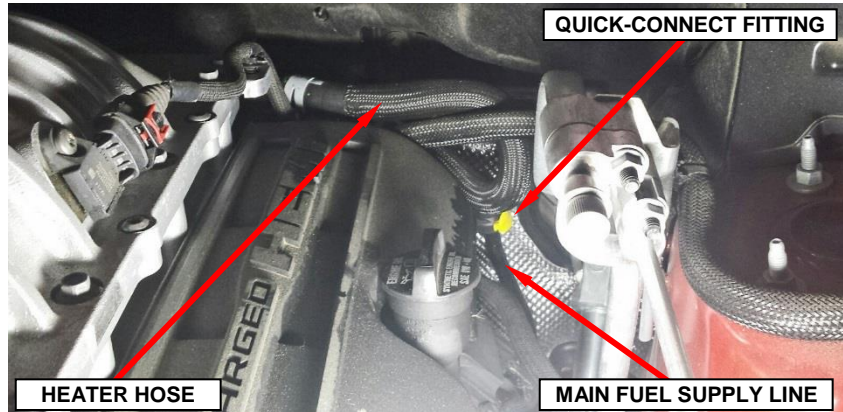
NOTE: To order part number 68305419AB, dealer must send an email to Campaignteam@fcagroup.com provide the “VIN” the “Dealer Code” and state “vehicle inspection has determined that fuel supply jumper replacement is required”.

Save the packaging from new part to be reused for part return. Return of the old part is required for this campaign. Refer to the “Parts Return” section for part return instructions.

Service Procedure

A. Fuel Supply Jumper Tube Inspection

1. Open the engine compartment hood.
2. Locate the fuel supply jumper quick-connect fitting near the cowl behind the left side of the engine (Figure 1).



3. Lift the heater hose out of the way in order to clearly view the area where the fuel supply jumper tube is attached to the quick-connect fitting (Figure 2).

Figure 1 – Fuel Supply Jumper Quick Connect Fitting

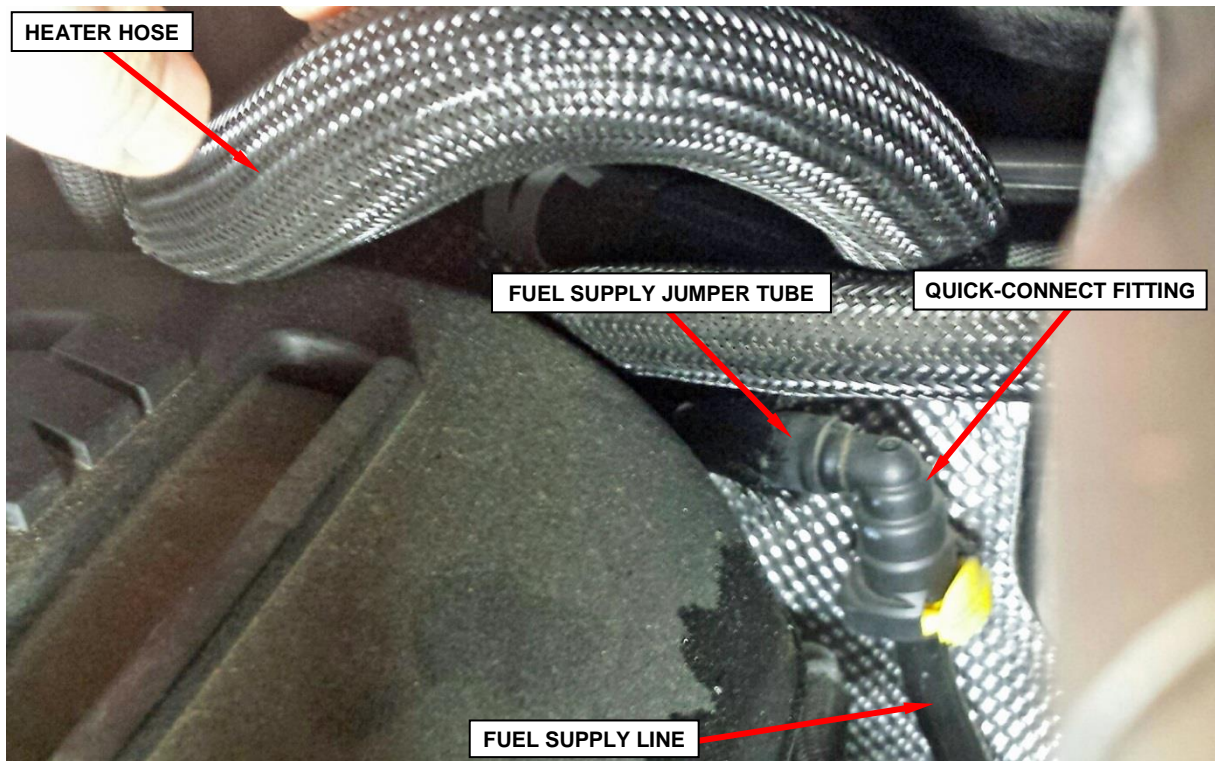


Figure 2 – Fuel Supply Jumper Quick Connect Fitting

Service Procedure (Continued)

4. Inspect the fuel supply jumper tube connection between the hose and quick-connect fitting. The hose must cover all the barbs on the quick connect fitting and hose end must be visible beyond the edge of the retention cuff. If the hose does not cover all barbs and/or is not visible beyond the edge of the retention cuff, then the fuel supply jumper tube must be replaced (Figure 3).

- **GOOD** - Fuel supply jumper tube hose covers all barbs of the quick-connect fitting and hose end is visible beyond the retention cuff. Position the heater hose back into its original location 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 jumper tube hose does not cover all barbs of the quick-connect fitting and/or hose end is not visible beyond the retention cuff. The fuel supply jumper tube must be replaced.

Proceed to **Section B. Fuel Supply Jumper Tube Replacement.**

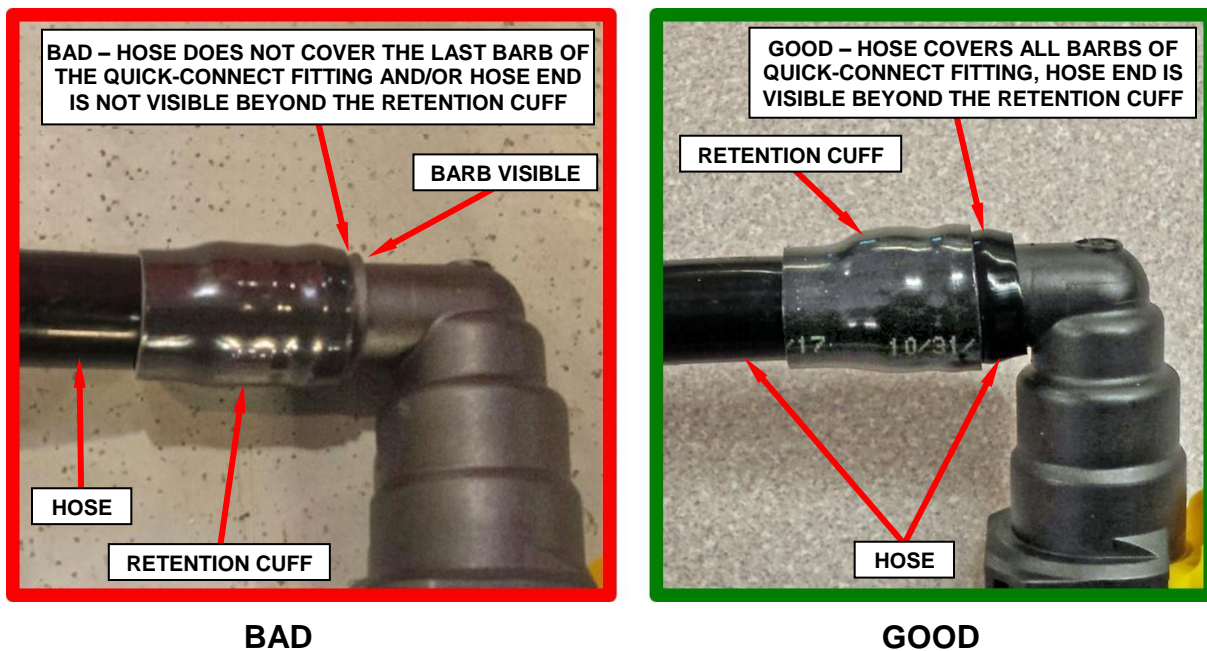


Figure 3 – Fuel Supply Jumper Tube – Inspect Hose Connection

NOTE: The opposite end of the fuel supply jumper tube where it attaches to the fuel rail on the right side of the engine does not require inspection.

Service Procedure (Continued)

B. Fuel Supply Jumper Tube Replacement

1. Open the liftgate and raise the load floor panel, then locate the fueling funnel stored with the spare tire (Figure 4).

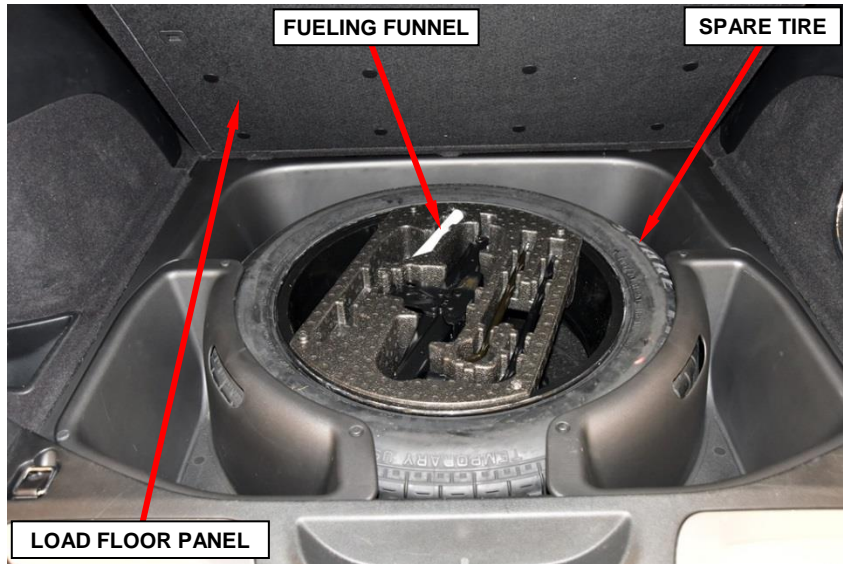


Figure 4 – Fueling Funnel Location

2. Open the fuel door and insert the fueling funnel into the fuel filler neck to release any fuel tank pressure (Figure 5).

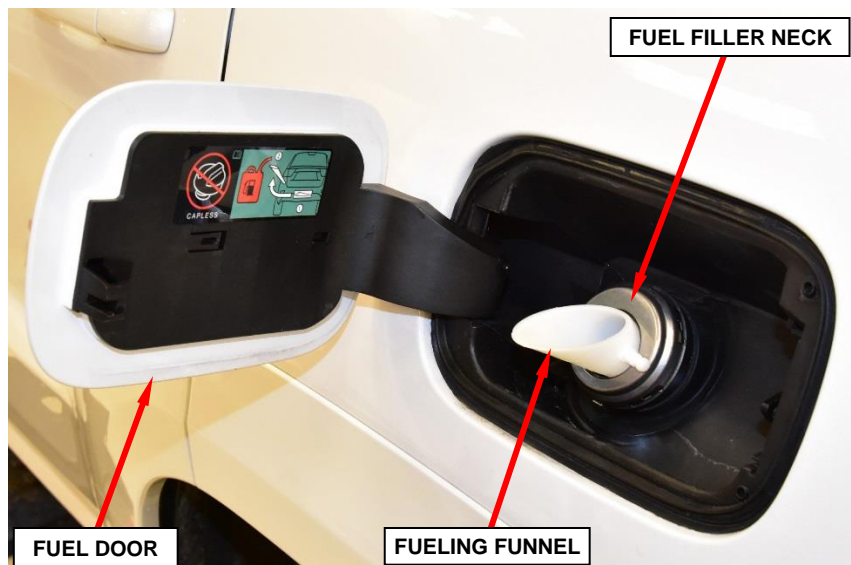


Figure 5 – Fuel Filler

Service Procedure (Continued)

3. Take note of the customer’s preferred seat position then move the front passenger seat fully forward.
4. Remove the battery compartment cover.
5. Remove the fuel pump relay from the auxiliary power distribution center (Figure 6).
6. Start and run the engine until it stalls.
7. Attempt restarting the engine until it will no longer run.

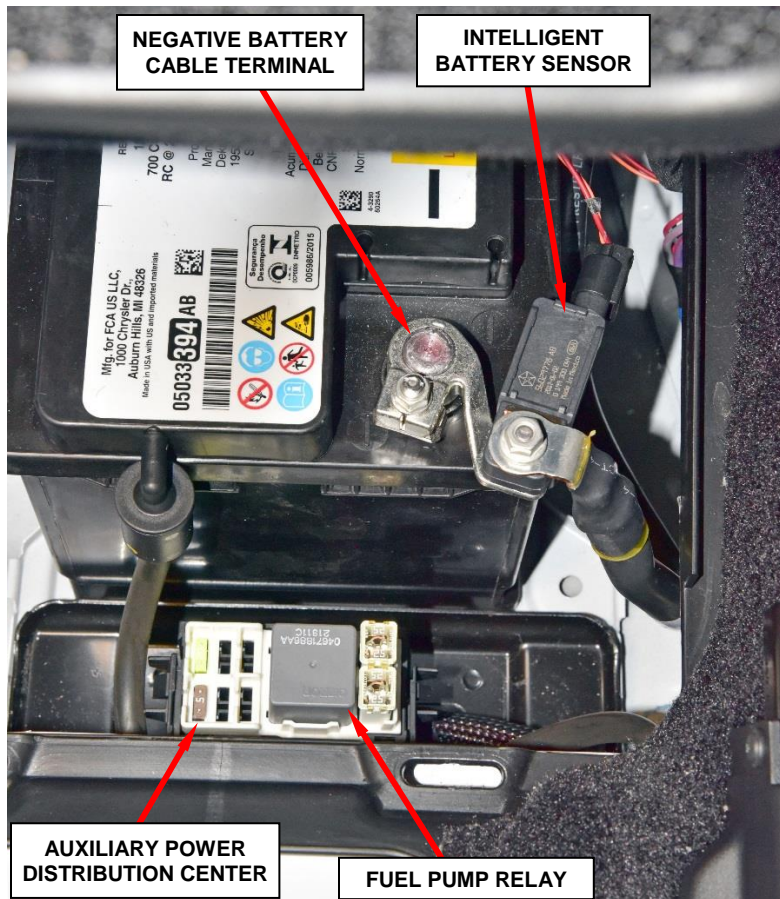


Figure 6 – Fuel Pump Relay and Negative Battery Terminal

8. Return the ignition push button to the “OFF” position.
9. Disconnect and isolate the negative battery cable terminal from the vehicle battery. **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.

10. Install the fuel pump relay in the auxiliary power distribution center (Figure 6).

Service Procedure (Continued)

- Gently lift the engine covers vertically to release the engine cover grommets from the ball studs. Then remove the engine covers. The right-side engine cover will need to be slid forward toward the front of the engine to clear the coolant pipes (Figure 7).

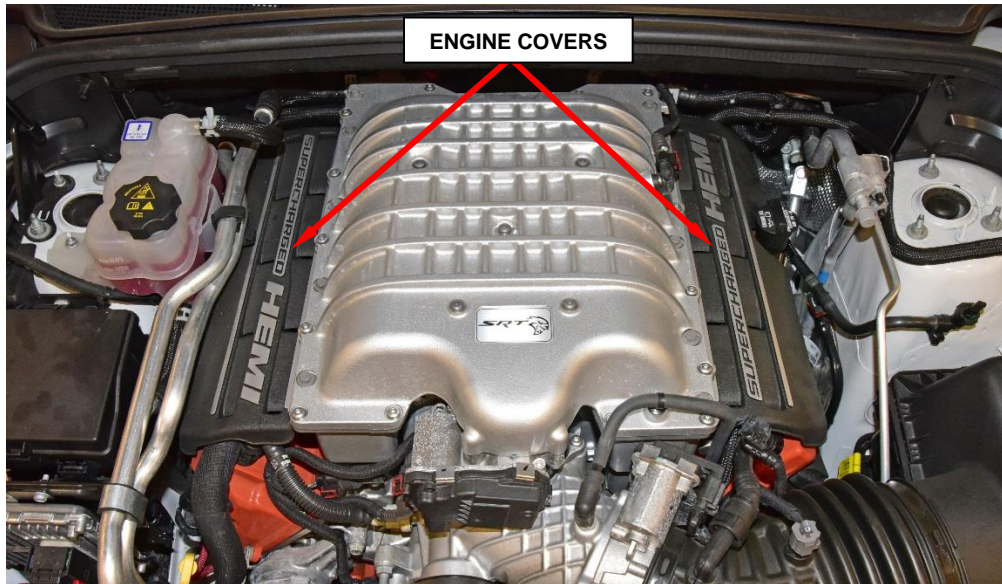


Figure 7 – Engine Covers

- Place a rag or towel below the fuel supply jumper quick-connect fitting where it connects to the fuel supply line located near the cowl behind the left side of the engine (Figure 8).

WARNING: The catalytic converter is located directly below this fuel connection. To prevent a possible fire, ensure that the catalytic converter is not excessively hot before disconnecting this fuel connection.

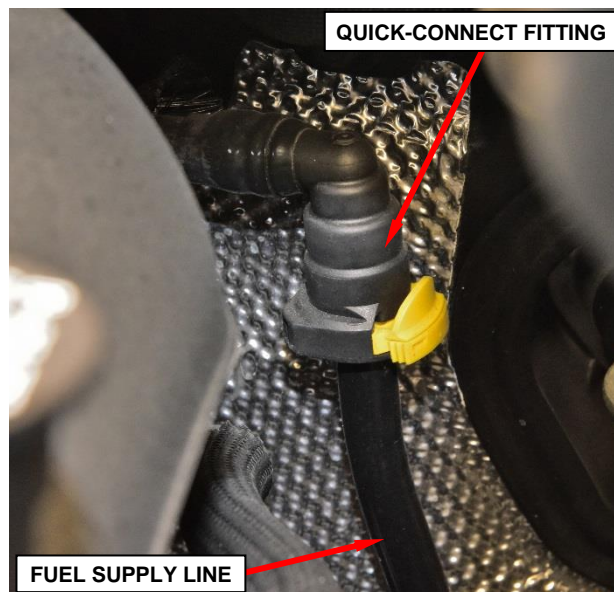


Figure 8 – Fuel Supply Jumper Quick-Connect Fitting Left Side of Engine

Service Procedure (Continued)

13. Perform the following steps to release the fuel supply jumper quick-connect fitting from the fuel supply line (Figure 9).

NOTE: This type of quick-connect fitting is equipped with a redundant latch and a single push button that releases the internal latch located in the quick-connect fitting. Special tools are not required for removal (Figure 10).

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

- a. Pull the redundant latch out away from the quick-connect fitting (Figure 10).
- b. Press the push button to release the internal latch, then remove the quick-connect fitting from the fuel system component (Figure 10).

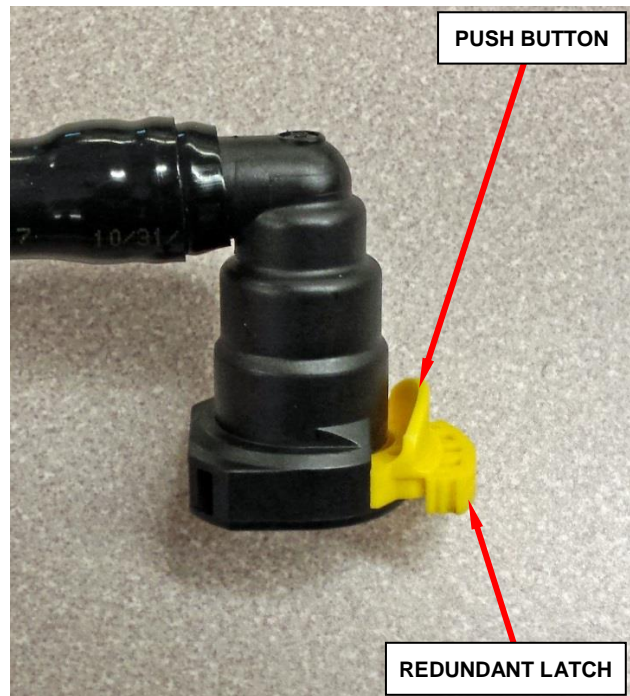


Figure 9 – Quick-Connect Fitting

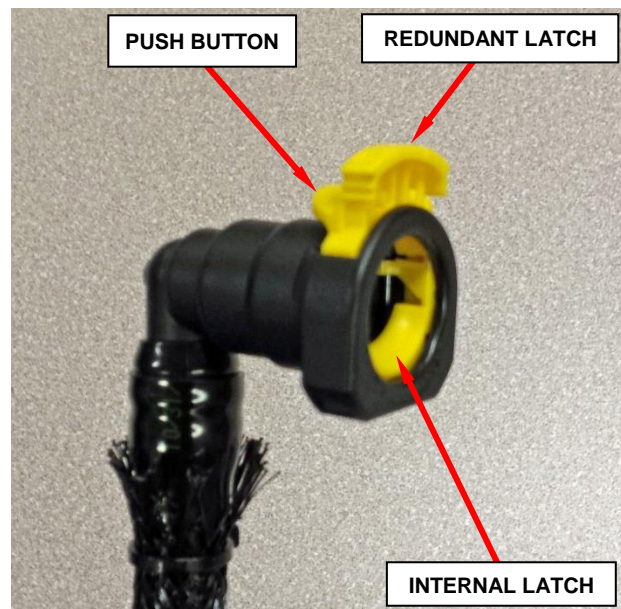


Figure 10 – Quick-Connect Fitting

Service Procedure (Continued)

14. Place a rag or towel below the fuel supply jumper quick-connect fitting where it connects to the fuel rail located near the cowl on the right side of the engine (Figure 11).
15. Perform the procedure in **Step 13** to release the fuel supply jumper quick-connect fitting from the fuel rail (Figure 11).
16. Release the fuel supply jumper tube from the “C” clip retainer at the back of the engine (Figure 12).

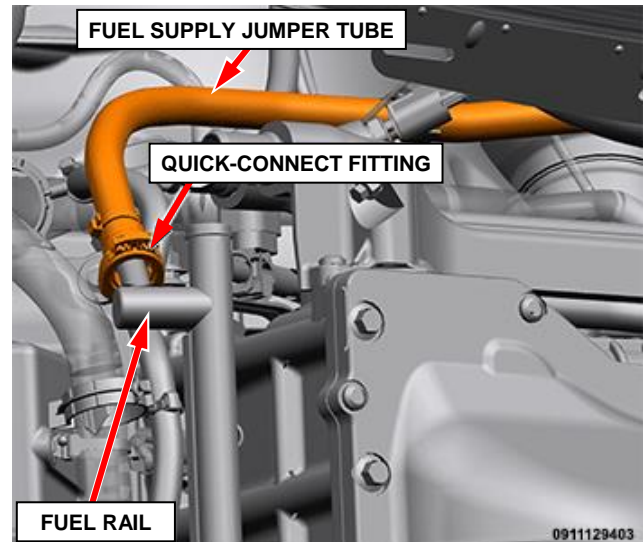


Figure 11 – Fuel Supply Jumper Quick-Connect Fitting Right Side of Engine

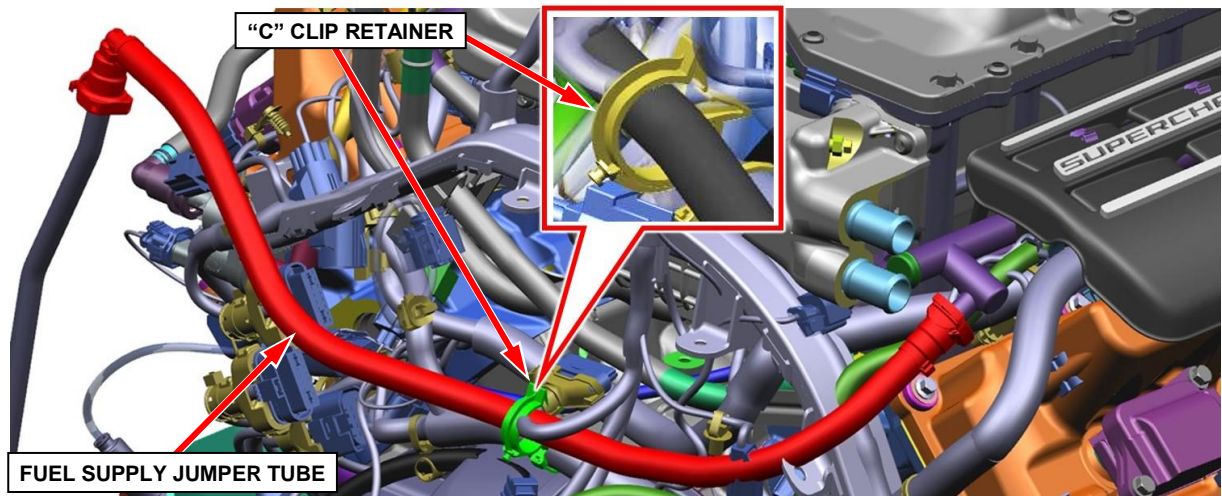


Figure 12 – Fuel Supply Jumper Tube “C” Clip Retainer

17. Remove the fuel supply jumper tube from the engine then retain for part return. **The fuel supply jumper tube is subject to parts return.**

Service Procedure (Continued)

18. Position the **new** fuel supply jumper tube to the engine.
19. Install the fuel supply jumper tube into the “C” clip retainer at the back of the engine (Figure 12).
20. Ensure that the fuel supply line and fuel rail connections are clean and free of debris before connecting the fuel supply jumper tube.
21. Connect the fuel supply jumper tube to the fuel rail, then depress the redundant latch to secure the quick-connect fitting to the fuel rail (Figure 11).
22. Connect the fuel supply jumper tube to the fuel supply line, then depress the redundant latch to secure the quick-connect fitting to the fuel supply line (Figure 8).
23. Connect the negative battery cable terminal to the battery then tighten the clamp pinch-bolt hex nut to 5.5 N·m (50 In. Lbs.). **For vehicles equipped with a supplemental battery**, also connect the negative battery cable terminal to the supplemental battery (Figure 6).

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

24. **Do not depress the brake pedal.** Without starting the engine, place the ignition push button in the “**RUN**” position which will activate the fuel pump to pressurize the fuel system. Return the ignition push button to the “**OFF**” position.

NOTE: Repeat Step 24 three times to ensure that the fuel system is fully pressurized.

25. Inspect the fuel supply jumper tube connections for any leaks. Correct any fuel leaks before continuing with the next step of this procedure.

Service Procedure (Continued)

26. Position the engine covers with grommets over the ball studs (Figure 13). The right-side engine cover will need to be slid rearward toward the cowl to clear the coolant pipes.



Figure 13 – Engine Cover Studs

27. Using hands only, gently push down on the engine covers until the grommets engage with the ball studs (Figure 7). Ensure grommet and ball stud retention by lightly lifting up around the edges of the engine cover to make certain that the cover is not loose and that all of the grommets are securely engaged.
28. Close the engine compartment hood.
29. Remove the fueling funnel from the fuel filler neck then close the fuel door (Figure 5).
30. Return the fueling funnel to the storage area near the spare tire. Lower the load floor panel into position, then close the liftgate (Figure 4).
31. Install the battery compartment cover.
32. Return the front passenger seat to its original customer preferred position.

Service Procedure (Continued)

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.

33. Connect the wiTECH micro pod II to the vehicle data link connector.
34. Place the ignition in the “**RUN**” position.
35. Open the wiTECH 2.0 website.
36. Enter your “**User id**” your “**Password**” and your “**Dealer Code**”, then select “**Finish**” at the bottom of the screen.
37. Starting at the “**Vehicle Selection**” screen, select the vehicle.
38. From the “**Topology**” screen, select the “**All DTCs**” tab, then view and clear all DTCs.
39. Place the ignition to the “**OFF**” position and remove the wiTECH micro pod II from the vehicle.
40. Return the vehicle to the customer.
41. 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.

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:

	Labor Operation Number	Time Allowance
Inspect fuel supply jumper tube for separation	14-U0-21-81	0.2 hours
Inspect and replace fuel supply jumper tube	14-U0-21-82	0.5 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

U02/NHTSA 18V-048

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 U02.

IMPORTANT SAFETY RECALL

Fuel Supply Jumper 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® Grand Cherokee Trackhawk] vehicles equipped with a 6.2L V8 supercharged 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 on your vehicle ^[1] could separate resulting in an engine stall and/or a potential engine compartment fire. **Either of these conditions could increase the likelihood of occupant injury, and an engine stall can cause a vehicle crash without prior warning.**

HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA will repair your vehicle ^[2] free of charge (parts and labor). To do this, your dealer will inspect the fuel supply jumper tube and replace it 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 1-800-853-1403
OR 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 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 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.

[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.