



March 2023

Dealer Service Instructions for:

Equipment Safety Recall 29A

NHTSA 23E-023

Frame Stud

Remedy Available

MOPAR Frame Assembly 68495556AA

MOPAR Frame Assembly 68495556AB

MOPAR Frame Assembly 68438094AB

MOPAR Frame Assembly 68438096AB

This recall applies only to the above short wheelbase frames (Body Style: JL72) intended for use on 2018-2023 (JL) Jeep Wrangler vehicles.

Subject

On about 160 of the above frames may have been built with an unnecessary and unused frame stud. When installed in a vehicle, the frame stud may contact the fuel tank in a crash, which, in certain circumstances, can cause a fuel leak. A fuel leak in the presence of a competent ignition source may result in a fire, increasing the risk of occupant injury and/or injury to persons outside the vehicle.

Repair

Inspect the frame and, if necessary, remove the frame stud then apply black paint to the removed stud area.

NOTE: Same remedy procedure applies to frames installed in vehicle or not.

Parts Information

NOTE: Paint is required ONLY for vehicles/frames that have stud removed:
An equivalent black paint can be used if specified paint is not available.

<u>Part Number</u>	<u>Qty.</u>	<u>Description</u>
04443609AB OR 68626414AA (Or equivalent black paint)	As Required	PAINT, Touch Up Spray Black (142g / 5oz) (Each spray can will repair 25 vehicles)

Parts Return

No parts return required for this campaign.

Special Tools

No special tools are required to perform frame stud removal service procedure.

Inspection Procedure (Off Vehicle)**A. Frame Stud Inspection (Off Vehicle)**

Visually look for a stud on the frame in the location shown in (Figure 1).

- **Frame Stud Located:** Proceed to **Section D. Frame Stud Removal** for stud removal procedure and perform only **Steps 1 - 3** then claim the “Off Vehicle” stud removal LOP.
- **Frame Stud Does NOT Exist:** No further action required. Claim the “Off Vehicle” stud inspection LOP.

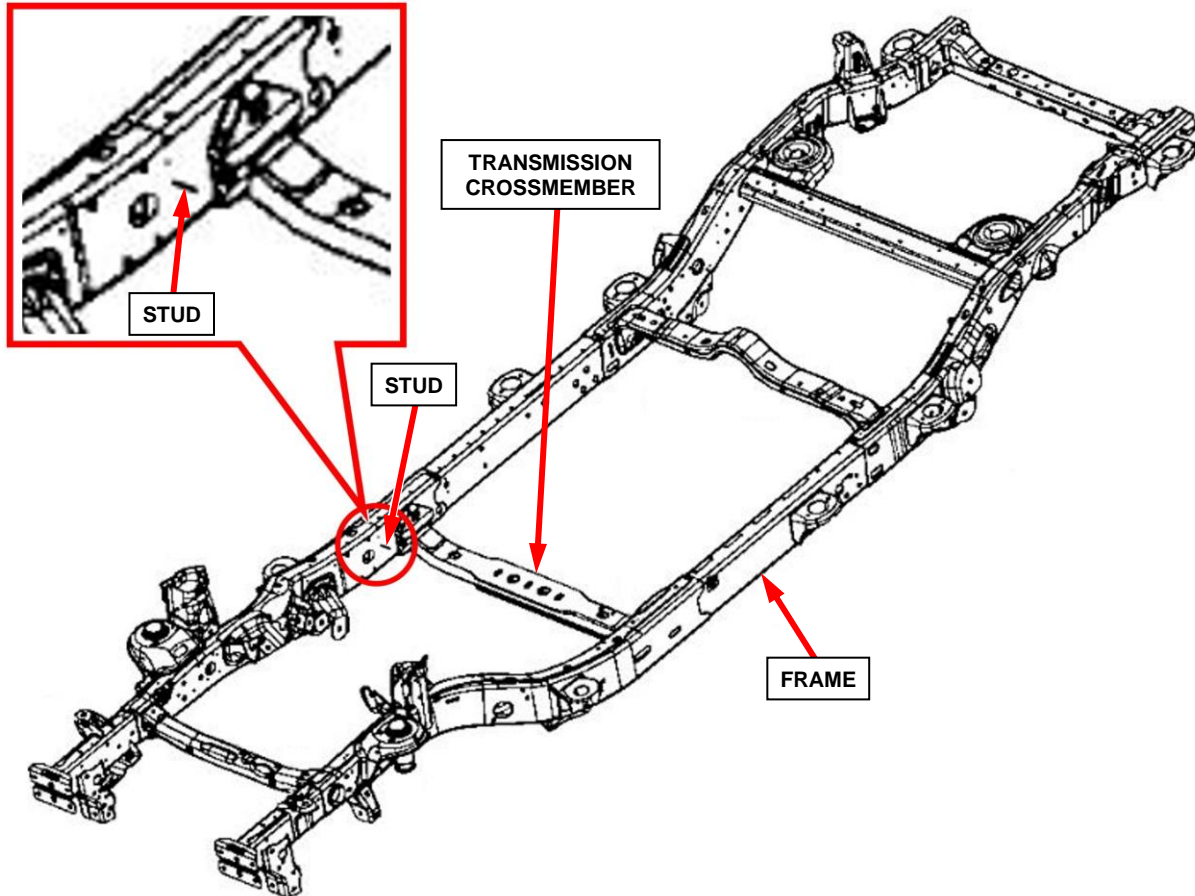


Figure 1 – Frame Stud Location – Inspect for Frame Stud

Inspection Procedure (On Vehicle)

B. Frame Label Inspection

1. Look for a label on the driver side frame rail just rearward of the door hinges.
2. If the label looks like (Figure 2) and is readable not missing or covered over by an aftermarket coating material, then read the label as instructed in (Figure 2).
3. If the label does NOT look like (Figure 2) or is unreadable, missing, or covered over by an aftermarket coating material, then proceed to **Section C. Frame Stud Inspection.**



Figure 2 – Front Reinforcement Crossmember

4. What were the first two characters on the label as instructed in (Figure 2).
 - First two characters were “TT” – No further action required. Claim the appropriate inspection LOP and return vehicle to customer.
 - First two characters were some other combination of characters - Proceed to **Section C. Frame Stud Inspection.**

Inspection Procedure (On Vehicle) [Continued]**C. Frame Stud Inspection (On Vehicle)**

1. Raise and support the vehicle.
2. Remove the fasteners, three bolts and one nut securing the front reinforcement crossmember then remove the crossmember from the vehicle (Figure 3).

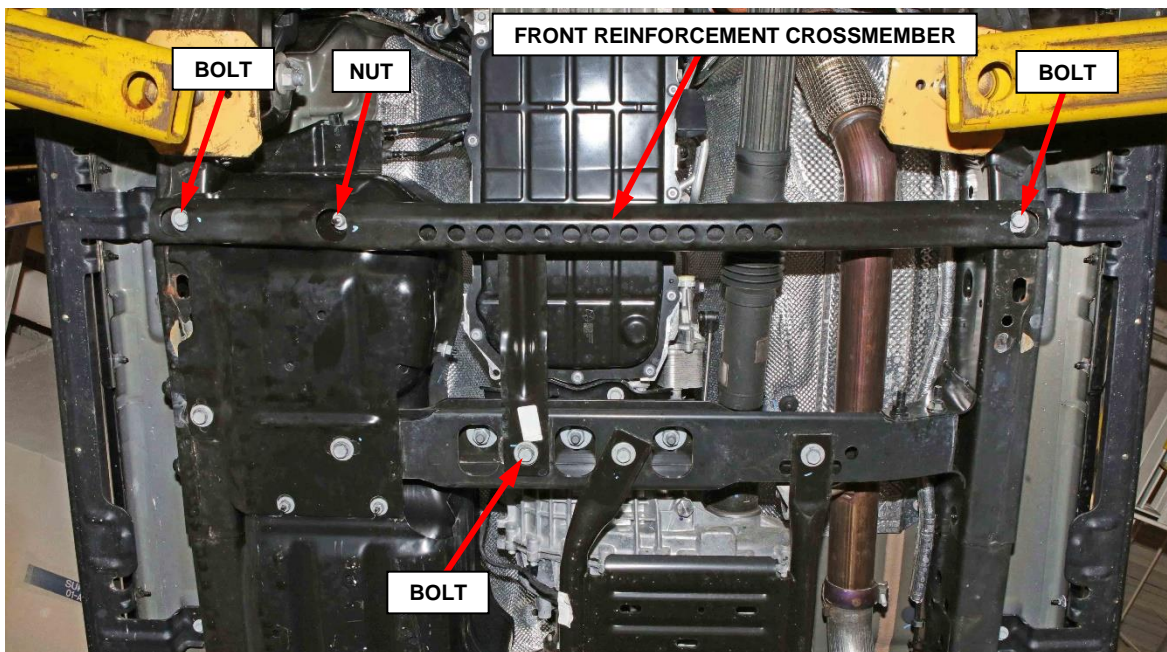


Figure 3 – Front Reinforcement Crossmember

3. Release the fuel pipe retainer from the fuel tank front skid plate (Figure 4).

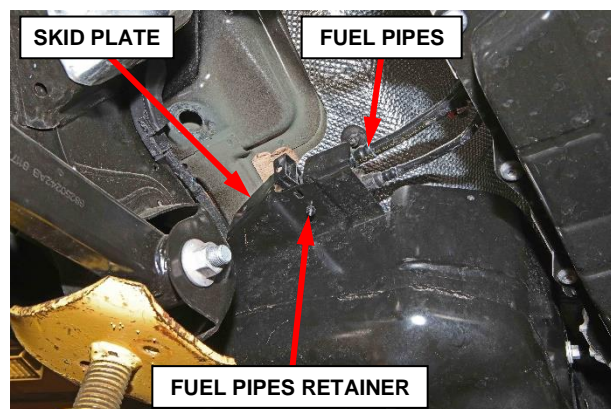


Figure 4 – Fuel Pipes Retainer

Inspection Procedure (On Vehicle) [Continued]

4. Remove the fasteners, two bolts and three nuts securing the fuel tank front skid plate then remove the skid plate from the vehicle (Figure 5).

NOTE: Nut locations on skid plate are slotted so nuts do not need to be fully removed.

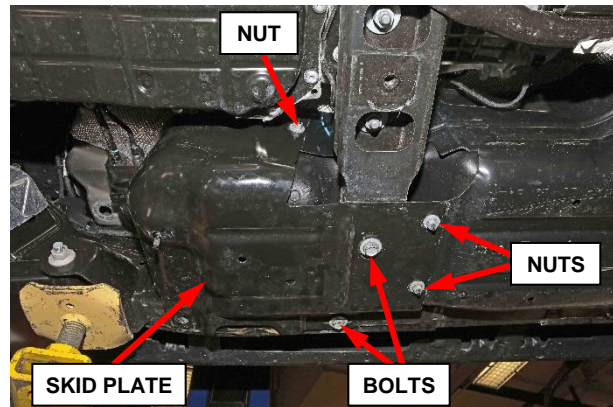


Figure 5 – Fuel Tank Front Skid Plate

5. Visually look for a stud on the frame in the location shown in (Figure 6).
 - **Frame Stud Located:** Proceed to **Section D Frame Stud Removal** for stud removal procedure. Do NOT continue with Inspection Procedure.
 - **Frame Stud Does NOT Exist:** Continue with **Inspection Procedure** to reassemble the vehicle. Section D is not required if no stud exists.

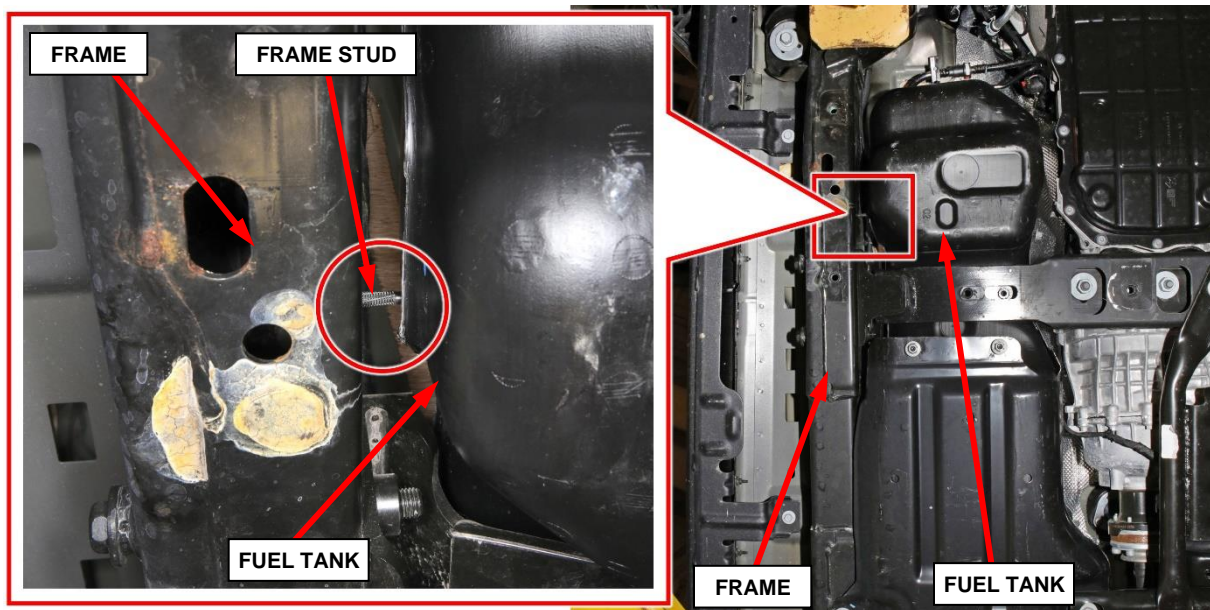


Figure 6 – Frame Stud Location – Inspect for Frame Stud

Inspection Procedure (On Vehicle) [Continued]

6. Position the fuel tank front skid plate to the vehicle then install and tighten the fasteners, two bolts and three nuts (Figure 5).
 - Bolts: 75 N·m (55 ft. lbs.)
 - Nuts: 20 N·m (15 ft. lbs.)

7. Install the fuel pipe retainer to the fuel tank front skid plate (Figure 4).

8. Position the front reinforcement crossmember to the vehicle then install and tighten the three bolts and one nut (Figure 3).
 - Bolts crossmember to outer frame rails: 95 N·m (70 ft. lbs.)
 - Bolt crossmember center leg to crossmember: 75 N·m (55 ft. lbs.)
 - Nut: 20 N·m (15 ft. lbs.)

9. Lower the vehicle and return to the customer or inventory.

10. Claim the Inspection LOP.

Service Procedure

D. Frame Stud Removal

1. Using a suitable chisel and hammer, cut the stud off as close to the frame as possible (Figure 7).

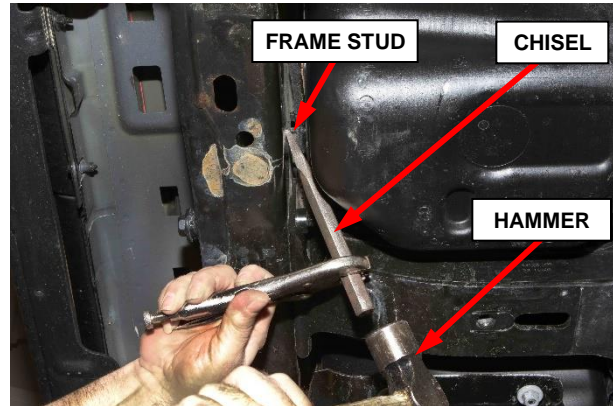


Figure 7 – Remove Frame Stud

2. After removing the frame stud (Figure 8).



Figure 8 – Frame Stud Removed

Service Procedure [Continued]

3. Obtain black spray paint specified in the Parts Section and a brush or cotton swab or suitable applicator. Spray a small amount of paint into a cup to dip the applicator or directly onto the applicator then apply the paint to the vehicle frame covering any bare exposed metal in the location of the removed frame stud (Figure 9).

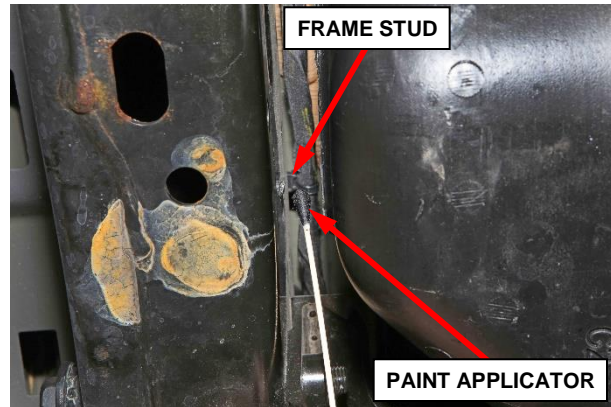


Figure 9 – Apply Paint to Frame Stud

4. Position the fuel tank front skid plate to the vehicle then install and tighten the fasteners, two bolts and three nuts (Figure 5).
 - Bolts: 75 N·m (55 ft. lbs.)
 - Nuts: 20 N·m (15 ft. lbs.)
5. Install the fuel pipe retainer to the fuel tank front skid plate (Figure 4).
6. Position the front reinforcement crossmember to the vehicle then install and tighten the three bolts and one nut (Figure 3).
 - Bolts crossmember to outer frame rails: 95 N·m (70 ft. lbs.)
 - Bolt crossmember center leg to crossmember: 75 N·m (55 ft. lbs.)
 - Nut: 20 N·m (15 ft. lbs.)
7. Lower the vehicle and return to the customer or inventory.
8. Claim the stud removal LOP.

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
Inspection (Off Vehicle) - No Frame Stud	13-29-A1-80	0.2 hours
Inspection (On Vehicle) - Label “TT” Not Suspect Frame		
Inspection (On Vehicle) - No Frame Stud	13-29-A1-81	0.4 hours
Inspect/Remove Frame Stud (On Vehicle)	13-29-A1-82	0.5 hours
Inspect/Remove Frame Stud (Off Vehicle)	13-29-A1-83	0.3 hours

In addition, enter “MATL” in the Part Number section of your claim with the applicable Material Allowance where appropriate.

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