



RECALL CAMPAIGN BULLETIN

Reference:

NTB14-085a

Date:

January 5, 2016

VOLUNTARY SAFETY RECALL CAMPAIGN 2014 FRONTIER CREW CAB REAR SEATBELT ANCHOR WELD NUT

This bulletin has been amended to include the Weld Nut Repair procedure, Parts Information, and additional Claims Information. Please discard previous versions of this bulletin.

CAMPAIGN ID #: PC309
NHTSA #: 14V-418
APPLIED VEHICLES: 2014 Frontier Crew Cab (D40)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a Voluntary Safety Recall Campaign on certain specific Model Year 2014 Nissan Frontier Crew Cab vehicles to inspect the 2nd row seat (rear seat) seatbelt anchor weld nuts located in the left and right side rear pillars. If needed, the weld nuts will be replaced. This service will be performed at no charge to owners for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC309 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

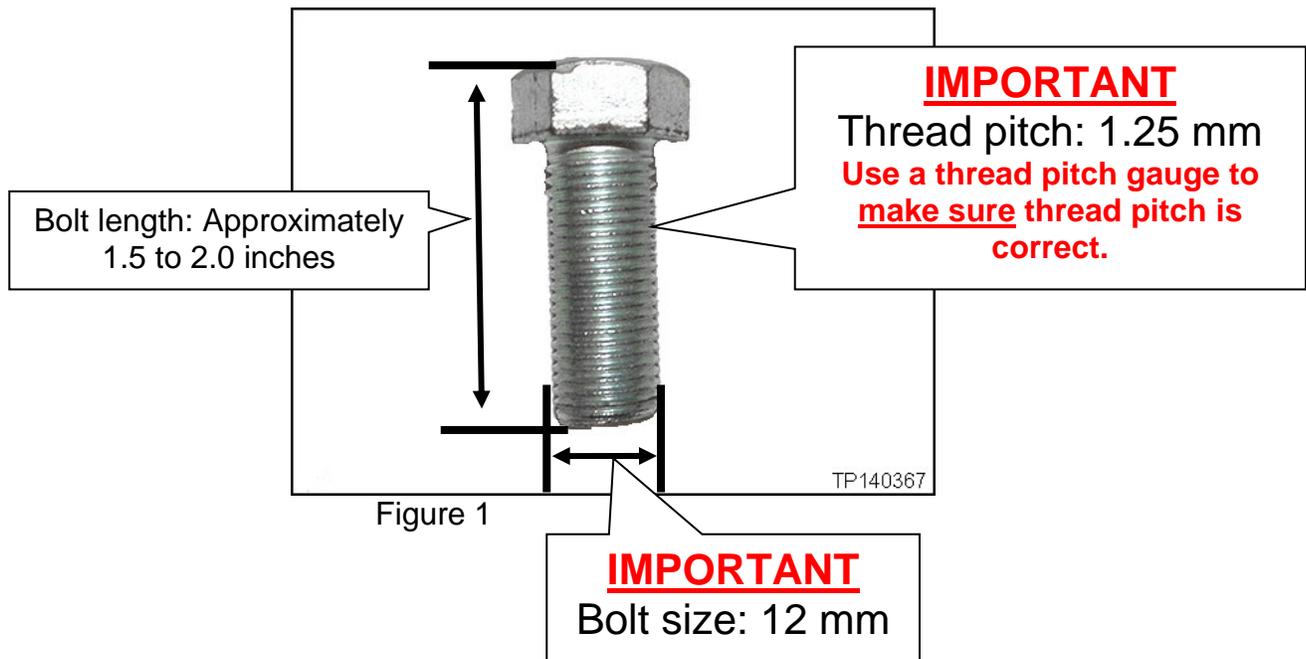
DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall campaign which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

REQUIRED INSPECTION BOLT

Obtain an inspection bolt, from a local source, as shown in Figure 1.



IMPORTANT:

- The Service Procedure in this bulletin will determine if an over-sized weld nut was incorrectly installed for the 2nd row seat (rear seat) seatbelt lower anchor located in the left and right side rear pillars (C-pillars).
- **An over-sized bolt of the exact size and thread pitch, as shown above, is required to perform the inspection.**

REQUIRED SPECIAL TOOL J-49752

- 14 mm Torque Adaptor J-49752 is a dealer “essential tool”.
- Each dealer was previously shipped one J-49752.
- Additional tools can be ordered from TECH-MATE at 1-800-662-2001.



SERVICE PROCEDURE

1. Locate and remove the two rear seat seatbelt anchor bolts located in the rear pillars (see Figure 3).
 - The left side (driver side) is shown.
 - Both sides will need to be removed for this inspection.
 - The right side (passenger side) is a mirror image.

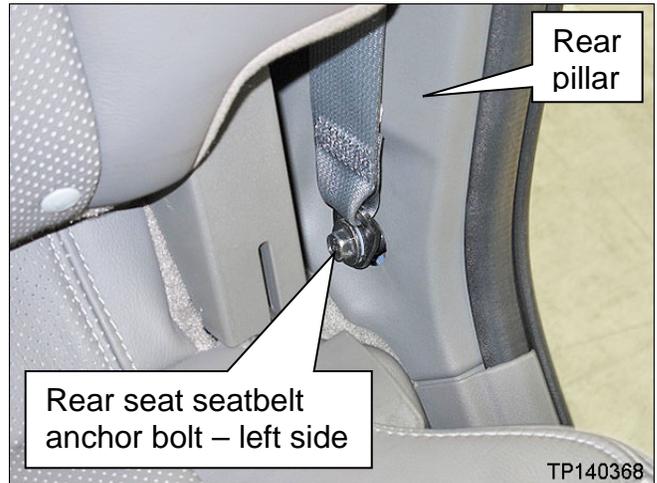


Figure 3

2. Confirm the inspection bolt is slightly larger than the seatbelt anchor bolt.

NOTE: Details for the Required Inspection Bolt are listed on page 2.

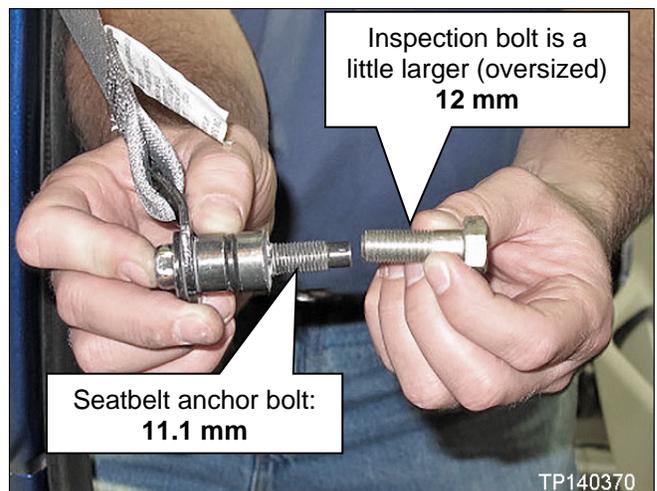


Figure 4

3. Insert the inspection bolt into the seatbelt lower anchor bolt hole.
4. **By hand only** – attempt to thread the inspection bolt into the weld nut.
 - Make at least three attempts to thread the bolt into the nut.
 - The left side (driver side) is shown.
 - **Make sure to perform this inspection on both sides (the passenger side and the driver side).**



Figure 5

Inspection Results:

Inspection bolt does not thread into either weld nut – inspection is OK:

- If the inspection bolt **DOES NOT** thread into either side seatbelt lower anchor weld nut after three attempts:
 - a. Re-install the original anchor bolts.
 - b. Torque the anchor bolts to 49 N-m (5.0 kg-m, **36 ft-lb**)* using the 14 mm torque adaptor (J-49752).

***NOTE:** The above torque values are acceptable for use with the extended length of the J-49752 tool when used with a torque wrench of 11 to 15 inches in length.

- c. Submit a warranty claim using op-code PC3090.

Inspection bolt does thread into either weld nut – inspection is NG:

- If the inspection bolt **DOES** thread into either side seatbelt lower anchor weld nut:
 - a. Repair only the weld nut(s) that fail the inspection.
 - Obtain a weld nut Repair Kit (refer to the Parts Information).
 - b. Use the Weld Nut Repair procedure starting on the next page.
 - c. Refer to the Claims Information for the correct op-code.

Weld Nut Repair

NOTE: Use protective covers as needed to protect vehicle interior surfaces.

1. Remove the rear seat from the side that needs repair.
 - Left side (driver side) rear seat removal is below:
 - Right side (passenger side) rear seat removal is on page 7.

Left Rear Seat (Driver Side) removal:

- a. Take the seatbelt buckle loose from the elastic support.

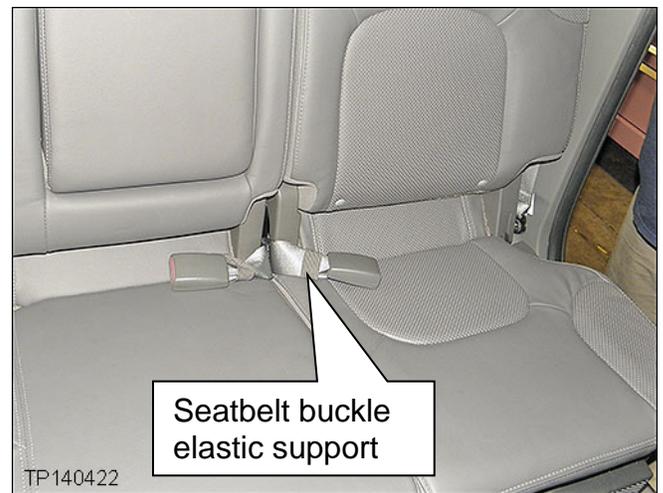


Figure 6

- b. Fold the seat cushion UP.
- c. Remove the seat hinge finisher.
 - Snap loose to remove.
 - Use a plastic trim tool as needed.

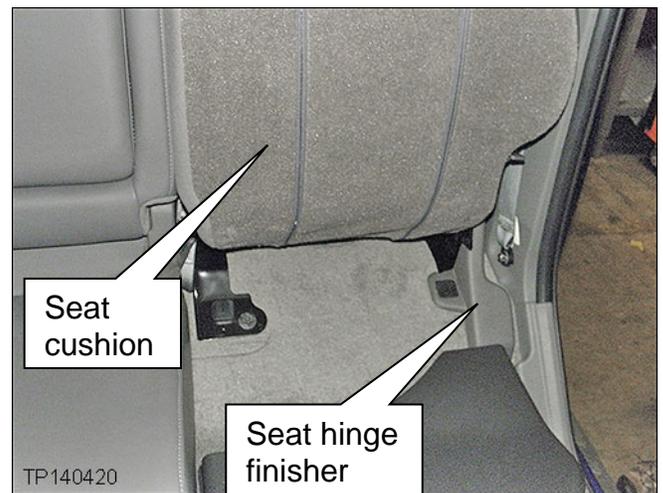


Figure 7

d. Remove the 2 mounting bolts.

NOTE: Reassembly torque is:
45 N·m (4.6 kg-m, **33 ft-lb**)

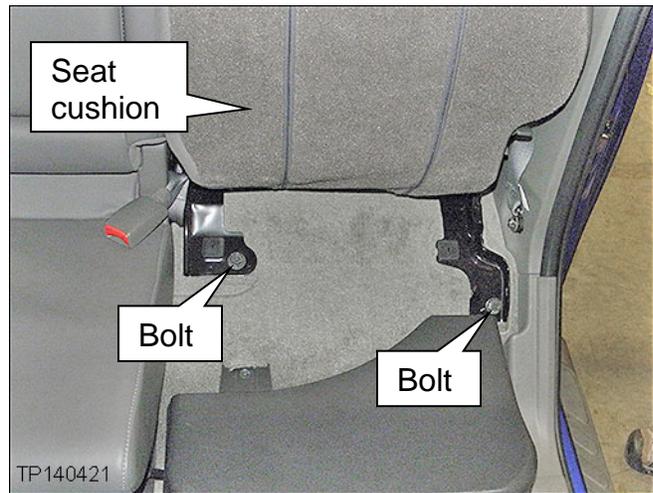


Figure 8

e. Fold the seat cushion DOWN.

f. Fold the seat-back DOWN.



Figure 9

g. Remove the 2 mounting nuts located behind the seat.

NOTE: Reassembly torque is:
45 N·m (4.6 kg-m, **33 ft-lb**)

h. Remove the seat from the vehicle.

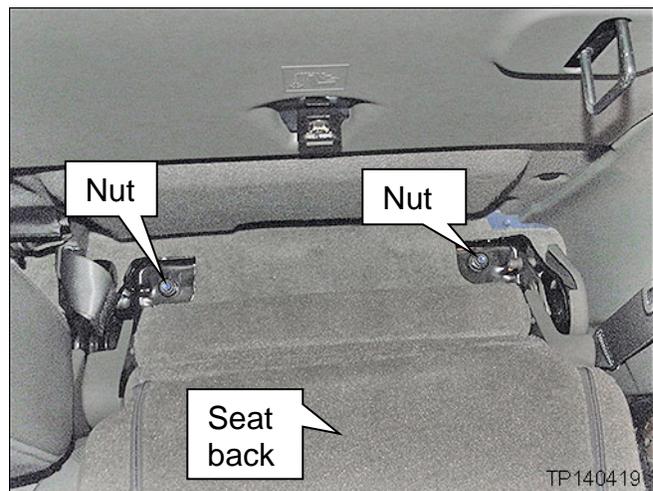


Figure 10

NOTE: Steps i through n are required for removal of the rear panel upper in step 2.

- i. Fold the right side (passenger side) seat cushion UP.
- j. Remove the center seatbelt anchor bolt.

NOTE: Reassembly torque is:
49 N·m (5.0 kg·m, 36 ft·lb)

- k. Push/pull the seatbelt anchor through the seat cushion.

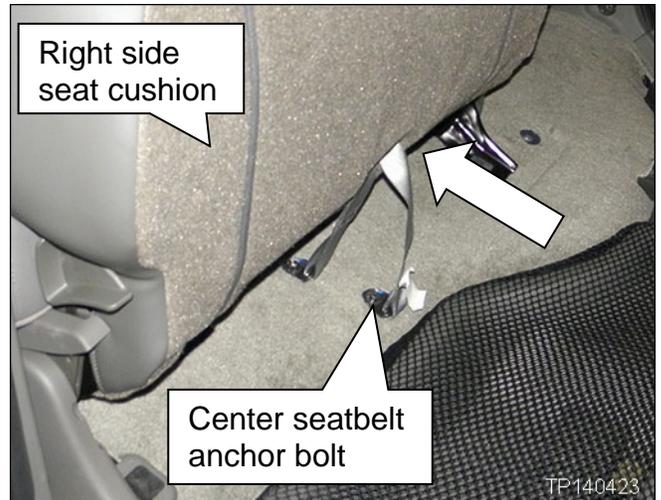


Figure 11

- l. Fold the right side seat cushion DOWN.
- m. Fold the right side seat-back DOWN.
- n. Allow the center seatbelt anchor bolt to hang as shown.

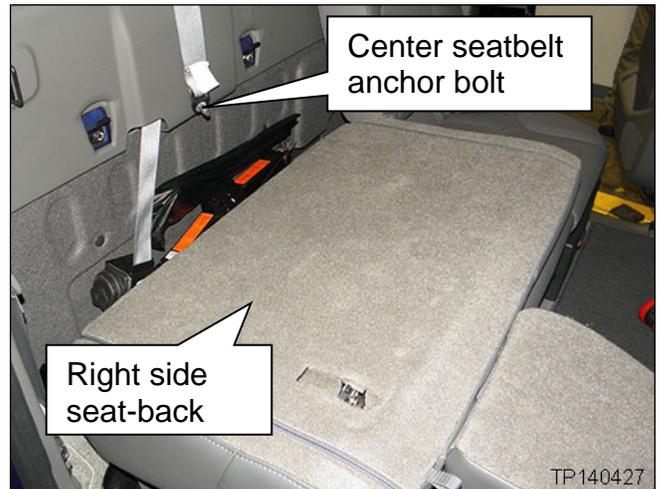


Figure 12

Right Rear Seat (Passenger Side) Removal:

- a. Take the seatbelt buckle loose from the elastic support.



Figure 13

b. Fold the right side (passenger side) seat cushion UP.

c. Remove the center seatbelt anchor bolt.

NOTE: Reassembly torque is:
49 N·m (5.0 kg-m, **36 ft-lb**)

d. Push/pull the seatbelt anchor through the seat cushion.

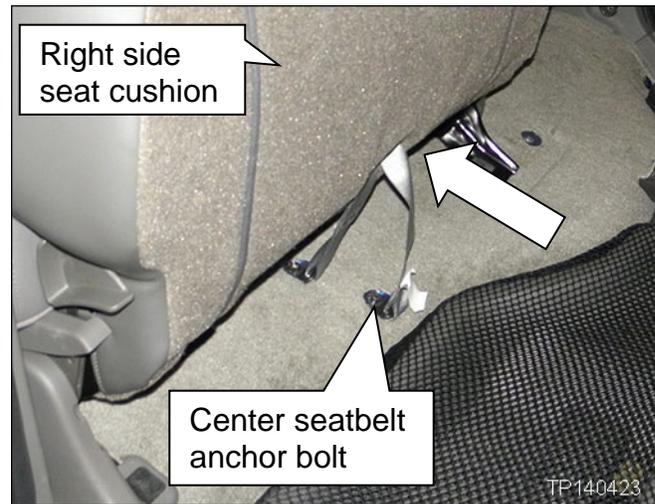


Figure 14

e. Pull the seatbelt buckle from the seat cushion.



Figure 15

f. Remove the seat hinge finisher.

- Snap loose to remove.
- Use a plastic trim tool as needed.

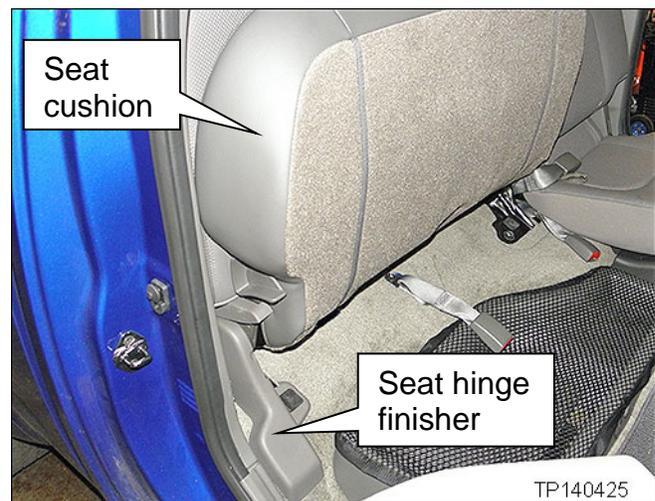


Figure 16

- g. Remove the 2 mounting bolts.

NOTE: Reassembly torque is:
45 N·m (4.6 kg-m, **33 ft-lb**)

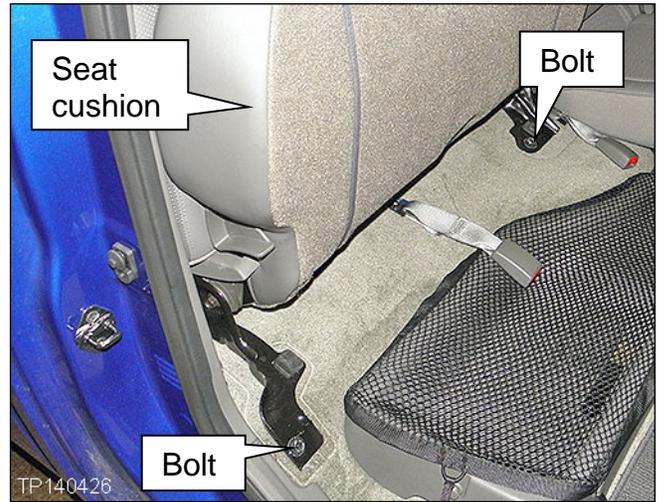


Figure 17

- h. Fold the seat cushion DOWN.

- i. Fold the seat-back DOWN.

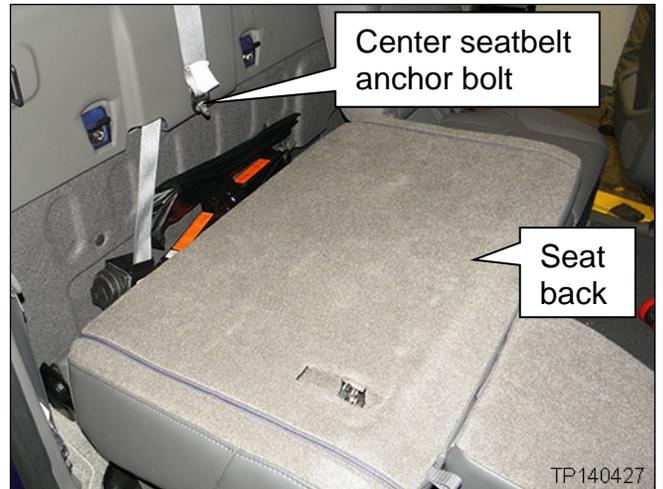


Figure 18

- j. Remove the 2 mounting nuts located behind the seat.

NOTE: Reassembly torque is:
45 N·m (4.6 kg-m, **33 ft-lb**)

- k. Remove the seat from the vehicle.

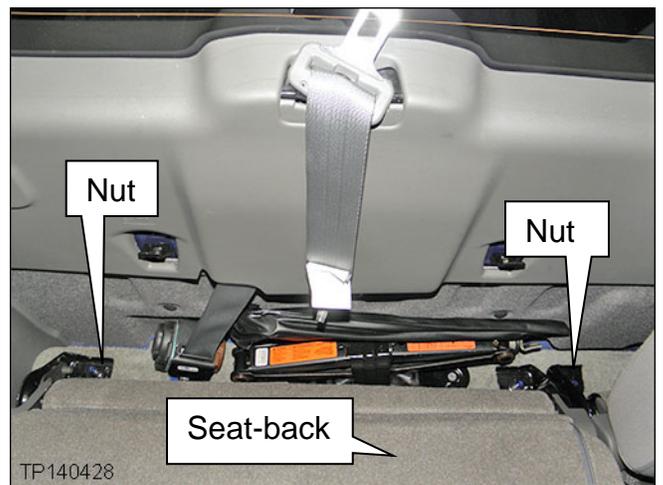


Figure 19

2. Remove the rear panel upper.

- Panel is held on with 12 clips, approximate location is shown in Figure 20.
- Use a plastic trim tool as needed.
- Snap loose and remove.

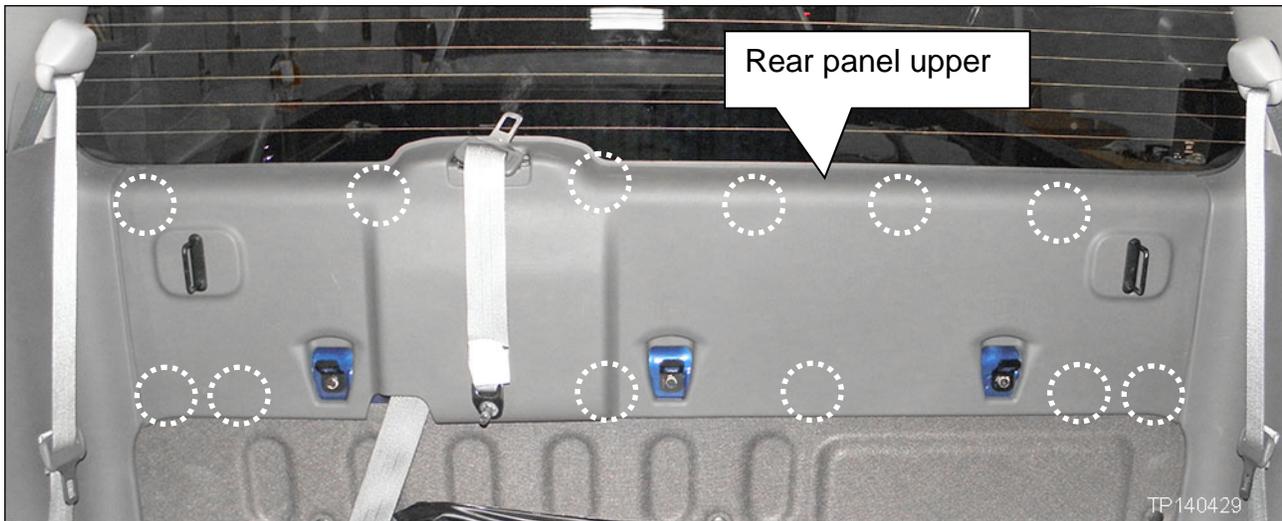


Figure 20

Steps and photos in the remainder of the procedure are of the left side (driver side). If performing repair on the right side (passenger side), photos are a mirror image.

3. Remove the kick plate.



Figure 21

4. Remove the rear lower finisher.

- Finisher is held on with 6 clips, approximate location is shown in Figure 22.
- Use a plastic trim tool as needed.
- Snap loose and remove.

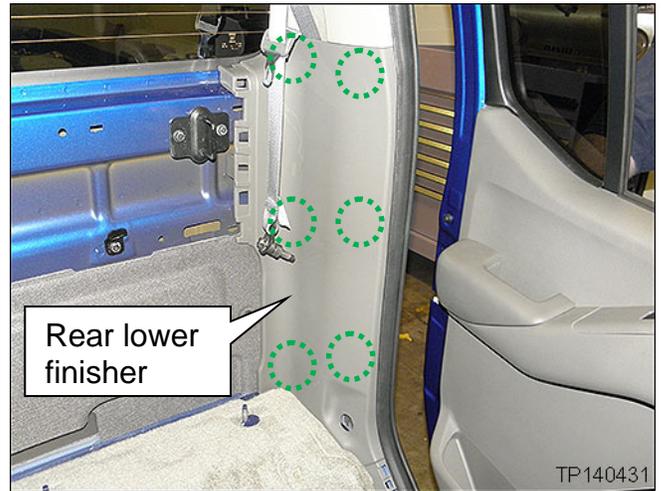


Figure 22

5. Remove the seatbelt retractor bolt.

NOTE: Reassembly torque is:
49 N·m (5.0 kg-m, **36 ft-lb**)

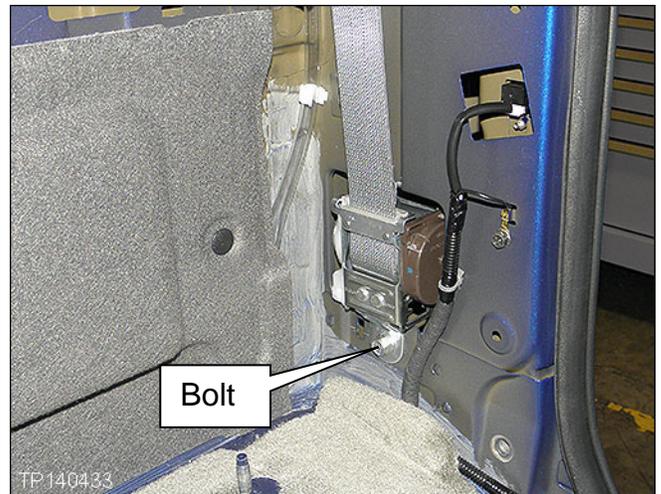


Figure 23

6. Allow the seatbelt and retractor to hang as shown.



Figure 24

7. Place a new weld nut plate over the existing hole for the seatbelt anchor bolt.

- Use the new weld nut plate from the repair kit.

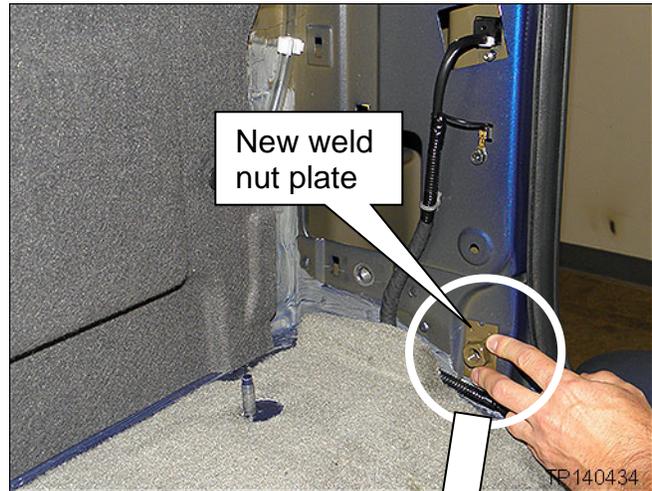


Figure 25

8. Center the new weld nut plate using the **Yellow** colored bolt from the repair kit.

- Screw the bolt through the new plate and into the panel.

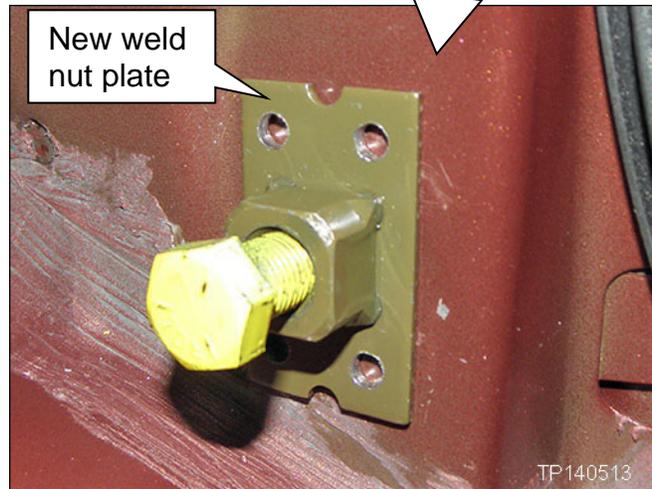


Figure 26

9. Use a 19 mm wrench to hold the plate vertical.

10. Drill one 3/16 inch hole in the panel at the top of the weld nut plate.

- Make sure the plate is vertical.
- Use the existing hole in the plate as a drill guide.

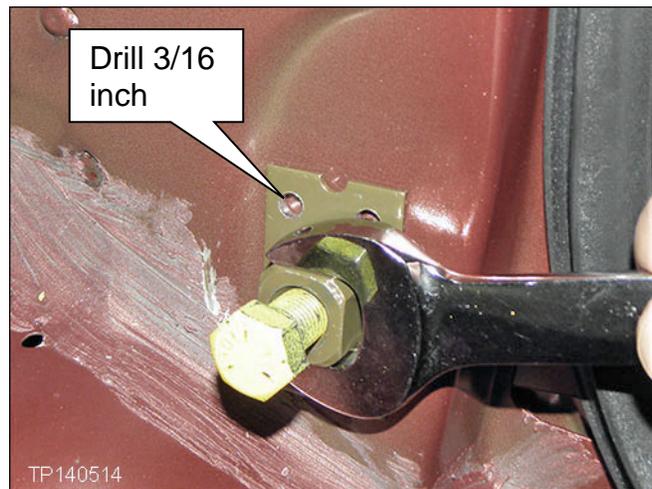


Figure 27

11. Install a sheet metal screw in the hole you just drilled.

- Use a sheet metal screw from the repair kit.

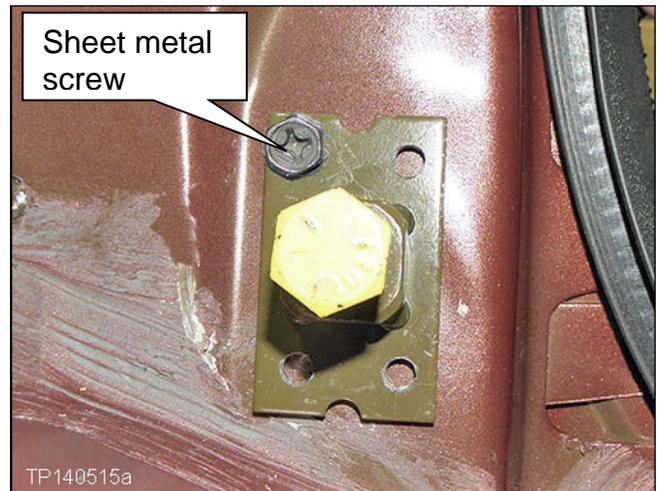


Figure 28

12. Drill 3 more holes in the panel.

- Use the existing holes in the plate as a drill guide.

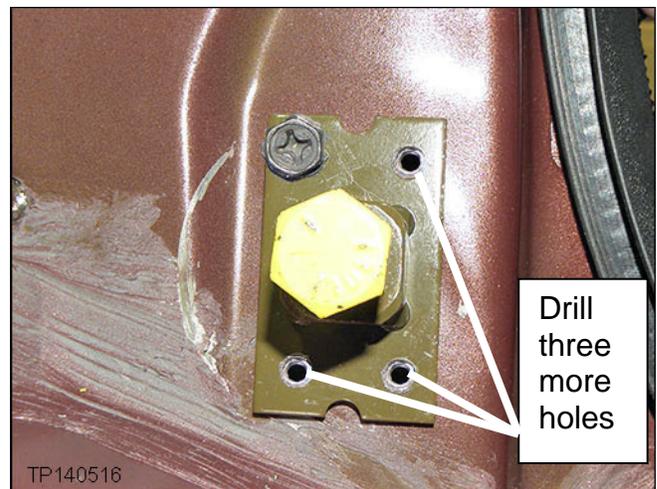


Figure 29

13. Remove and discard the sheet metal screw.

NOTE: Discard the sheet metal screw, do not reuse.

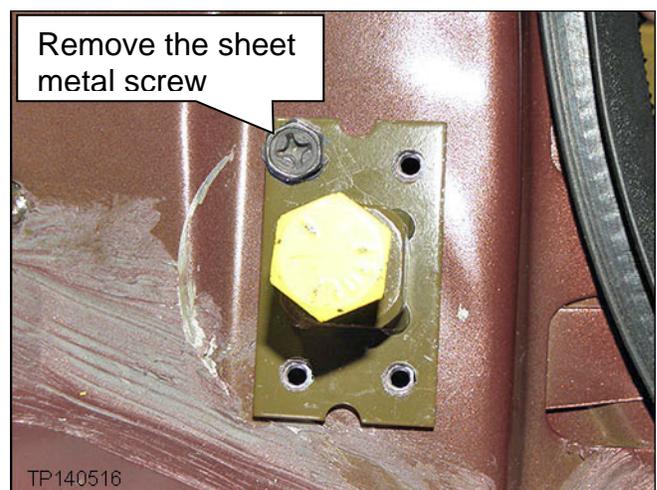


Figure 30

14. Unbolt / remove the yellow colored bolt and remove the new weld nut plate from the panel.



Figure 31

15. Install the **Red** colored bolt into the threaded hole.
- Use the **Red** colored bolt from the repair kit.
 - Screw it all the way in so the head is flush with the panel.
 - Slightly tighten the bolt.



Figure 32

16. Install 4 sheet metal screws as shown.
- Use new sheet metal screws from the repair kit.
 - Install the screws all the way.
 - Make sure the heads of the screws are flush with the panel.



Figure 33

NOTE:

- About ½ inch (15 mm) of thread on the **Red** colored bolt is not painted.
- The unpainted thread area is the depth of insertion needed in the next step.

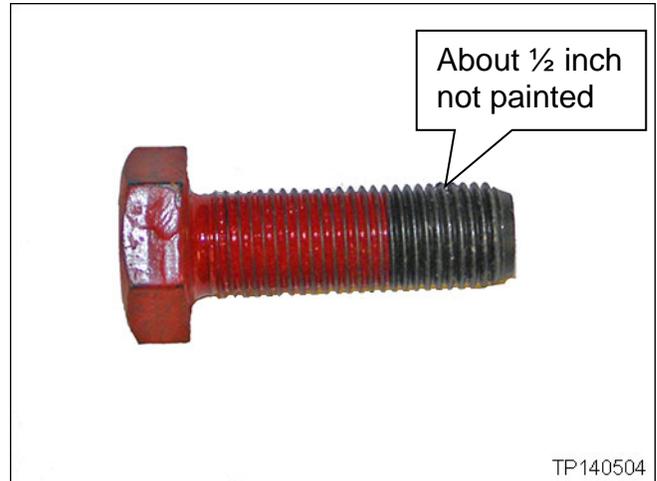


Figure 34

17. Un-screw / back-out the **Red** colored bolt to the point where the red painted threads just touch the hole.

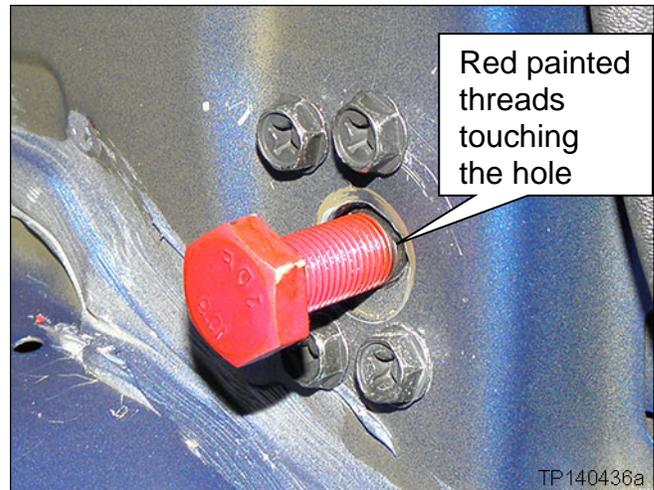


Figure 35

18. Strike the bolt head with a hammer to break the nut free from the existing weld nut plate.

- Strike the bolt at an angle, giving downward and inward force.
- The bolt should break loose with less than 5 medium strikes.

CAUTION: If the nut does not break loose by the 5th strike; STOP.

Send an email to:
NNAFQASUPPORT@Nissan-USA.com
for further instructions.

Email subject line: PC309 Weld Nut

Include in the email the contact person's name and phone number.



Figure 36

19. Remove the sheet metal screws.

NOTE: Discard the sheet metal screws, do not reuse. New screws are included with each repair kit.



Figure 37

20. Attach a magnet to the nut that you broke loose.

21. While holding the nut with the magnet, remove / unscrew the Red colored bolt from the nut.

NOTE: Discard the **Red** colored bolt. A new bolt is included in each repair kit.



Figure 38

22. Remove the old nut.

NOTE:

- Only the nut should break loose from the plate. The original plate should remain attached to the panel.
- It is possible that the original plate will fall loose when the bolt is removed. It is OK for the plate to come loose. If it does come loose, make sure it is also removed from the vehicle.

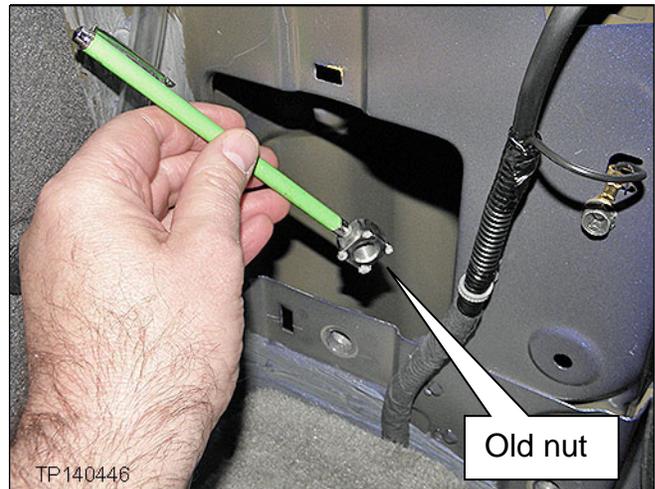


Figure 39

23. Attach the new weld nut plate to the magnet and position it behind the panel.



Figure 40

24. While holding the new weld nut plate in place with the magnet, screw the **Yellow** colored bolt into it.

- Use the **Yellow** colored bolt from the repair kit.
- Tighten finger tight.



Figure 41

25. Use a drill bit or other suitable tool to align the holes in the weld nut plate with the holes in the panel.

26. Tighten the bolt enough to hold the weld nut plate in place.

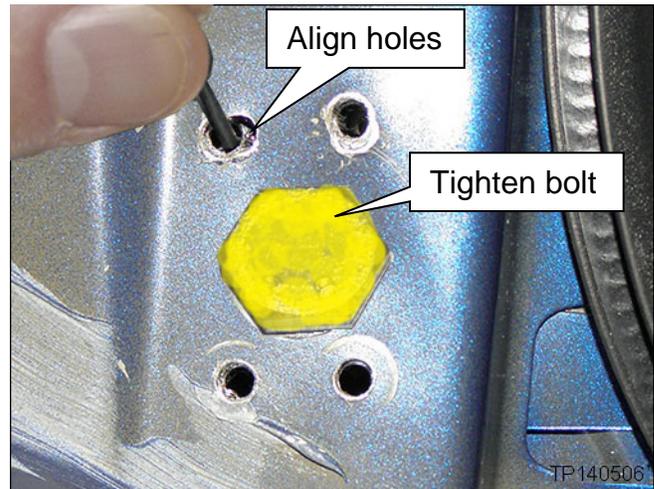


Figure 42

27. Install four 3/16 inch pop rivets as shown.

- Use only the pop rivets supplied with the repair kit.
- It may be necessary to use the 3/16 inch drill bit to clean the drilled holes.

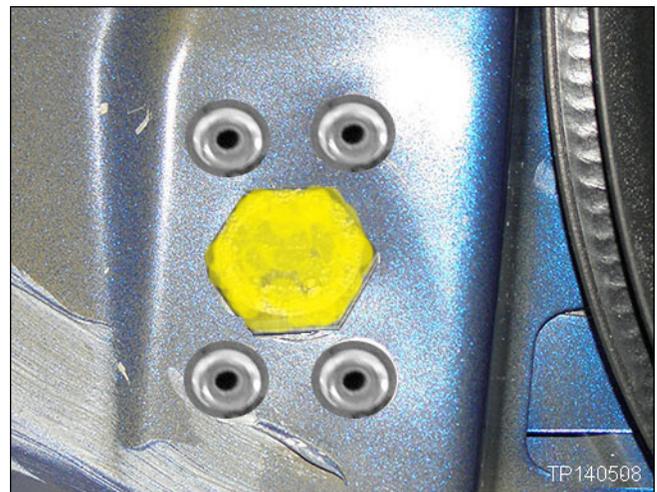


Figure 43

28. Remove the yellow colored bolt.

29. Clean any metal shavings from the inside of the vehicle.

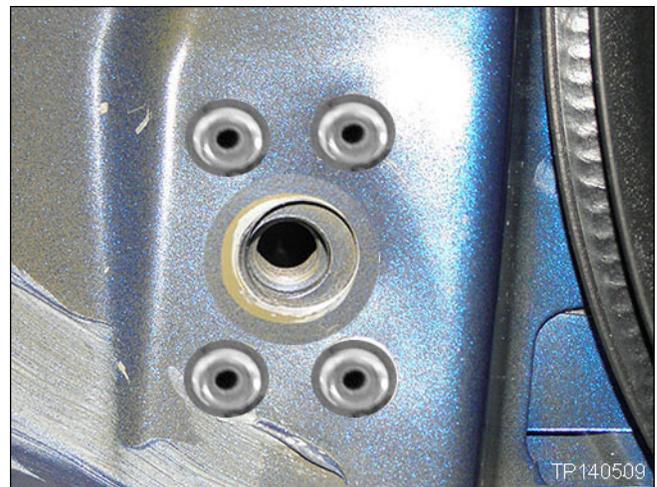


Figure 44

30. Reassemble all parts removed in reverse order.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Repair Kit (Weld Nut Plate Kit)	(1)	1 for each side as needed; maximum 2.

(1) Send an email to: NNAFQASUPPORT@Nissan-USA.com requesting the number of kits required (1 or 2).

Email subject line: PC309 Needs Repair

Include in the email:

- Dealer name, address, and dealer code
- Contact person’s name and phone number
- VIN
- Number of NG inspection results (one side or both sides).

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

CAMPAIGN (“CM”) I.D.	DESCRIPTION	OP CODE	FRT
PC309	Inspect 2 nd Row Seatbelt Weld Nuts – Inspection result is OK	PC3090	0.2 hrs.

CAMPAIGN (“CM”) I.D.	DESCRIPTION	OP CODE	FRT
PC309	Inspect 2 nd Row Seatbelt Weld Nuts and repair Weld Nut on one side	PC3091	1.3 hrs.

CAMPAIGN (“CM”) I.D.	DESCRIPTION	OP CODE	FRT
PC309	Inspect 2 nd Row Seatbelt Weld Nuts and repair Weld Nut on both sides	PC3092	2.0 hrs.

OWNER'S LETTER

Dear Nissan Frontier Crew Cab Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Nissan has decided that a defect that relates to motor vehicle safety exists in certain 2014 model year Nissan Frontier Crew Cab vehicles. Our records indicate that you own or lease the Nissan vehicle identified by the VIN on the cover of this notice.

Reason for Recall

On certain Frontier Crew Cab vehicles, the rear seat belt anchor may not have been attached correctly. As a result, the seat belt anchor bolt may become loose. If the bolt comes off completely this increases the risk of injury to the occupants in the event of a collision.

What Nissan Will Do

Your Nissan dealer will inspect the seat belt anchor attachment and repair it if necessary. This service, free for parts and labor, should take about 2 hours to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule.

What You Should Do

If you received this notice, we recommended that you do not allow passengers to ride in the rear seats until your vehicle is remedied. Contact your Nissan dealer at your earliest convenience in order to arrange an appointment to have your vehicle repaired. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Nissan dealer.

If you have additional questions you may contact the National Consumer Affairs Department, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-NISSAN1 (1-800-647-7261). If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.