



RECALL CAMPAIGN BULLETIN

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| Classification: | Reference: | Date: |
| FE19-005 | NTB19-035 | April 18, 2019 |

VOLUNTARY RECALL CAMPAIGN 2019 ALTIMA FUEL PUMP LOCK RING INSPECTION

CAMPAIGN ID #: PC692
APPLIED VEHICLES: 2019 Altima (L34)
APPLIED ENGINE: PR25DD
APPLIED DRIVETRAIN: FWD only

**Check Service COMM or Dealer Business Systems (DBS)
National Service History to confirm campaign eligibility.**

INTRODUCTION

Nissan is conducting this voluntary recall campaign on certain specific model year 2019 Altima to inspect the fuel level sensor unit and fuel pump lock ring (fuel pump lock ring). This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC692 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer’s responsibility to check Service COMM or Dealer Business Systems (DBS) National Service History for the campaign status on each vehicle falling within the range of this voluntary recall 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 recall must be corrected prior to sale. Failure to do so can result in civil penalties and/or fines 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.

SERVICE PROCEDURE

WARNING: When replacing fuel line parts, be sure to observe the following:

- Put a “CAUTION: FLAMMABLE” sign in the workshop.
- Be sure to work in a well ventilated area and furnish workshop with a CO2 fire extinguisher.
- Do not smoke while servicing fuel system. Keep open flames and sparks away from the work area.

NOTE: When removing components such as hoses, tubes/lines, etc., cap or plug openings to prevent fluid from spilling.

1. Open the hood and disconnect the negative battery cable.

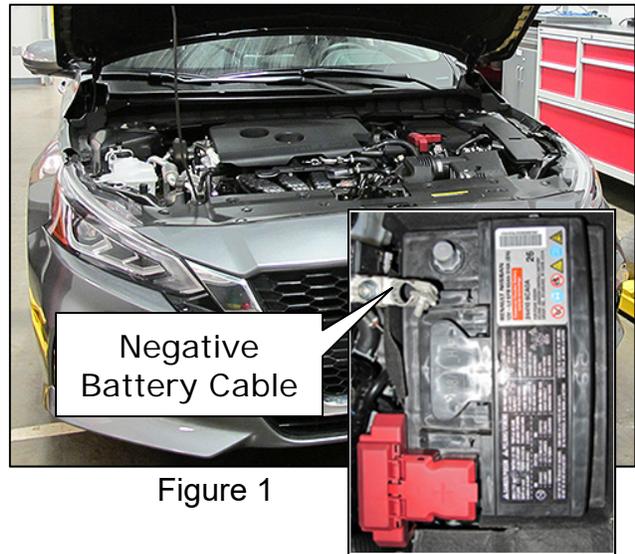


Figure 1

2. Remove the fuel cap to relieve fuel tank pressure.



Figure 2

3. Open both rear doors.

4. Remove the rear seat cushion.
 - a. Locate the two (2) seat cushion locks at the front bottom edge of the seat cushion assembly (one on each side).

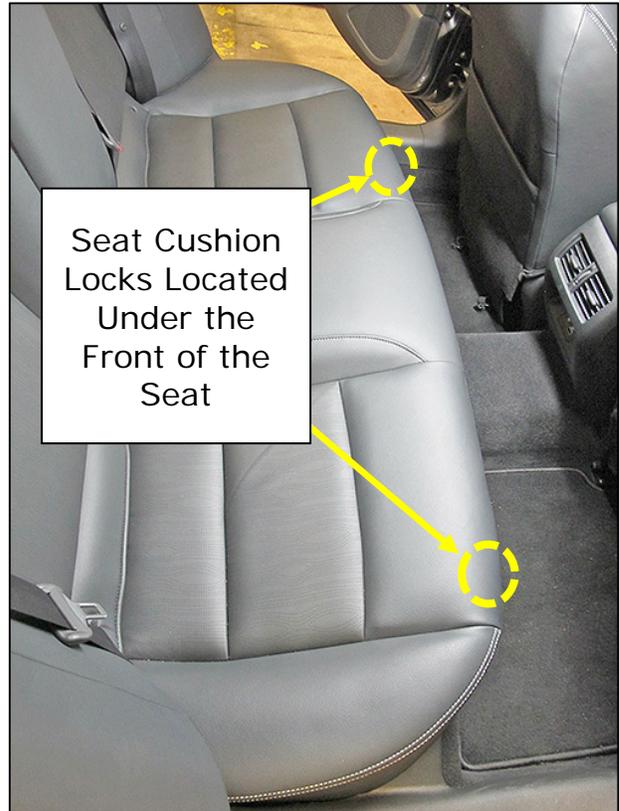


Figure 3

- b. Pull the release lever (A) forward and lift the seat cushion upward to release seat cushion wire (1) from the seat cushion lock (2) (see Figure 4).

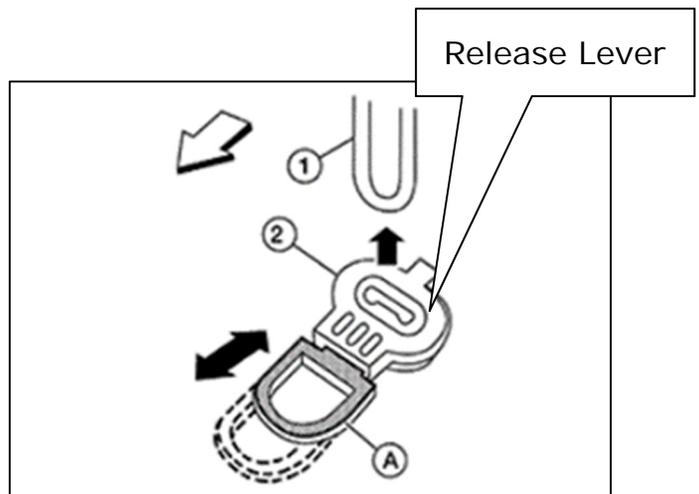


Figure 4

- c. Carefully remove the seat cushion from the vehicle and place on a clean surface.

5. Remove the fuel pump inspection hole cover.
 - a. Using a suitable tool turn four (4) retainers 90° clockwise to disengage the clips (see Figure 5).
 - b. Remove and lay the fuel pump hole cover out of the way.

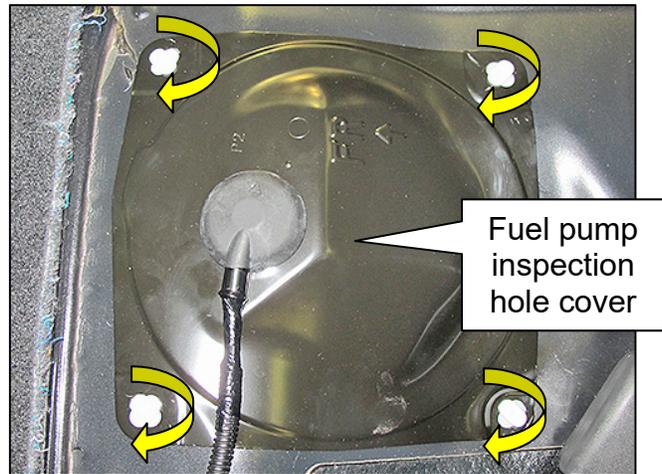


Figure 5

6. Disconnect the harness connector from the fuel pump.
 - a. Press the release tab on the harness connector to disengage it.
 - b. Lift the harness connector off the fuel pump.

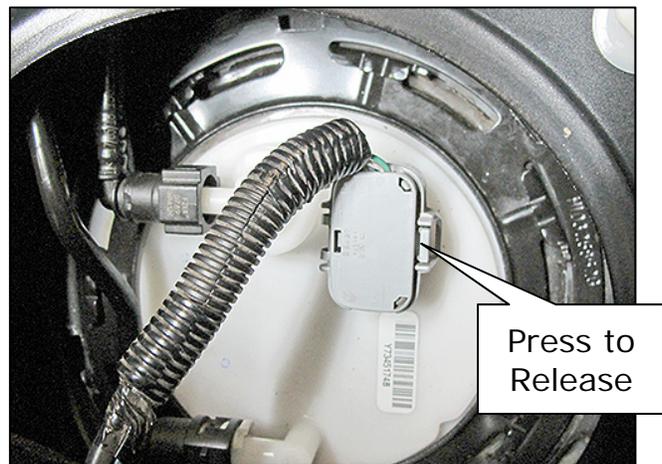


Figure 6

INSPECTION PROCEDURE

7. Inspect the fuel pump lock ring.
 - Is the lock ring correctly locked in place as shown in Figure 7 on page 5?
YES: Skip to step 10 on page 7.
NO:
 - If the lock ring is still engaged, but not locked as shown in Figure 8, proceed to step 8 on page 6.
 - If the fuel pump is disengaged (loose) as shown in Figure 9, replace the fuel pump assembly and O-ring, and then proceed to step 12 on page 8.
 - Refer to the Electronic Service Manual (ESM) for the procedure to replace the fuel level sensor unit and fuel pump: **REPAIR > ENGINE > FUEL SYSTEM > REMOVAL AND INSTALLATION > FUEL LEVEL SENSOR UNIT, FUEL FILTER AND FUEL PUMP ASSEMBLY.**

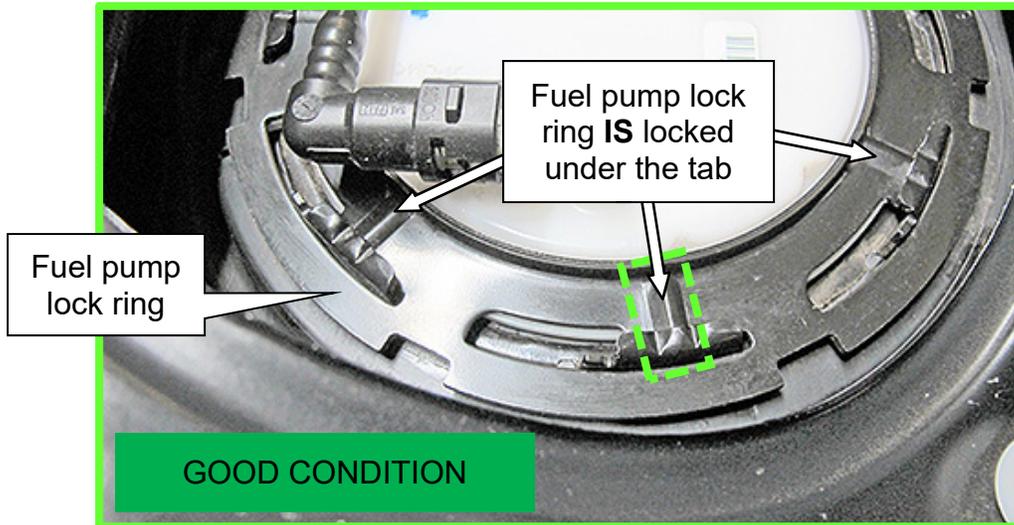


Figure 7

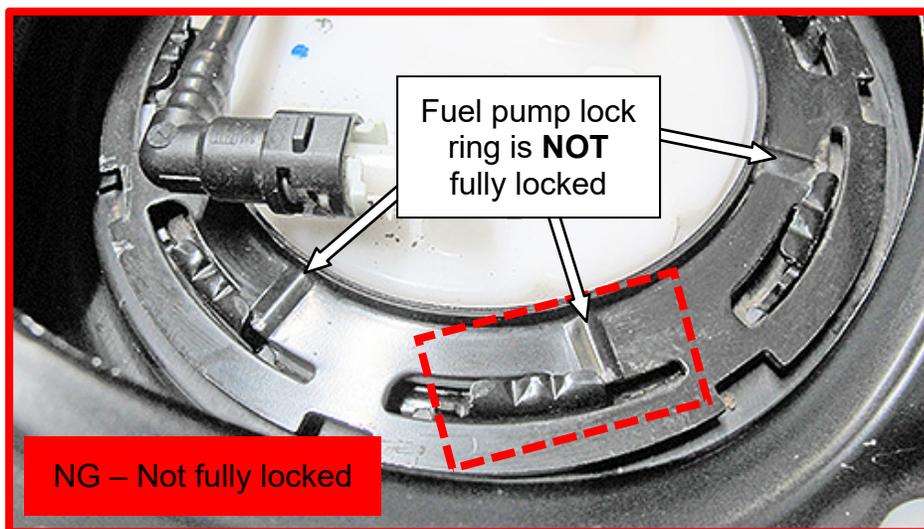


Figure 8

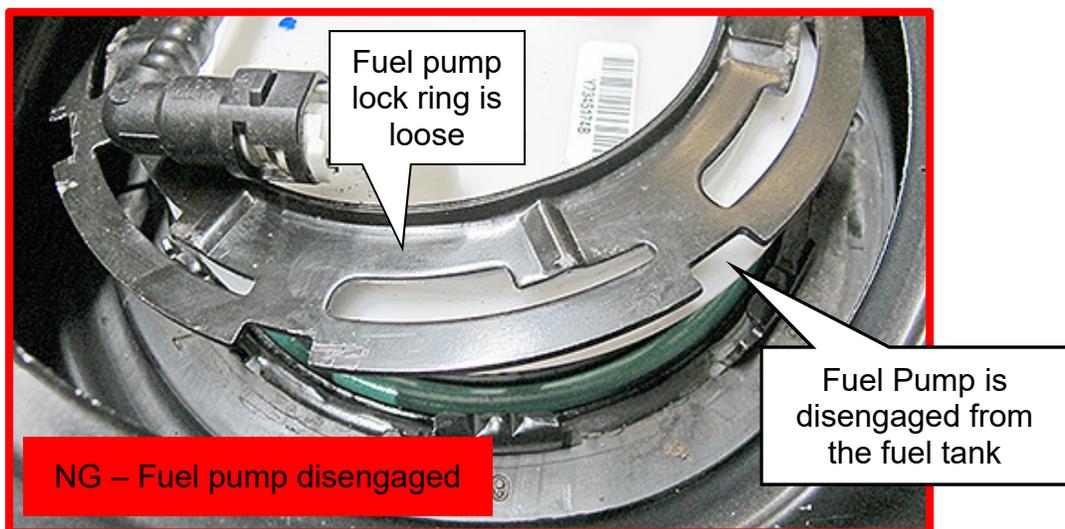


Figure 9

8. Use a suitable protective covering to protect the vehicle interior (see Figure 10).



Figure 10

9. Using tool J-45722 (Figure 11), rotate the fuel pump lock ring clockwise to lock (Figure 12).
- Verify fuel pump lock ring is locked to the fuel tank (see Figure 7).



Figure 11

CAUTION: Be careful not to release an unlocked lock ring when tightening it as fuel could spill inside vehicle.

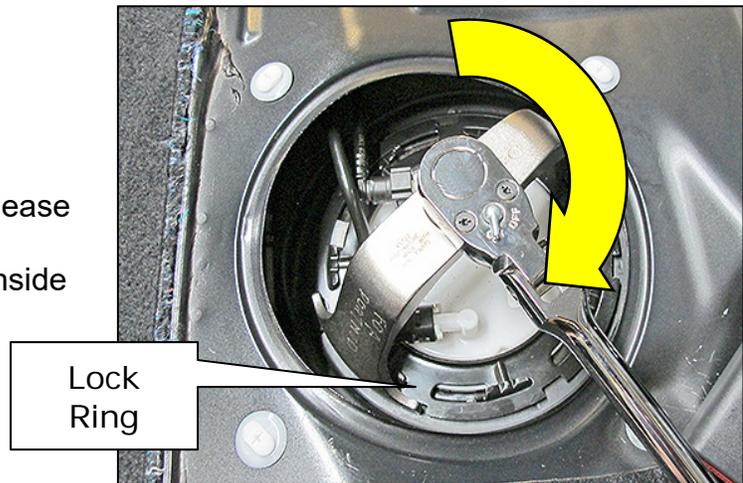


Figure 12

10. Connect the fuel pump harness connector.
 - a. Position the harness connector onto the fuel pump (see Figure 13).
 - b. Push down until an audible click is heard.
 - c. Gently tug on harness to verify the harness connector is locked.

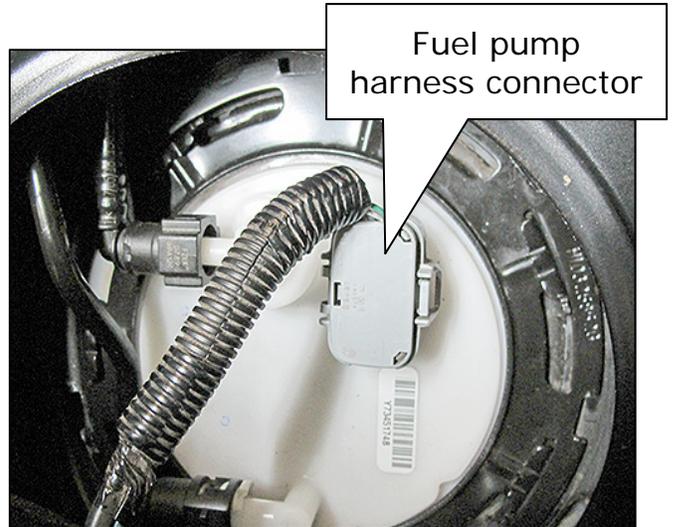


Figure 13

11. Reinstall the fuel pump inspection hole cover.
 - a. Align the cover over the retainer clips.
 - b. Using a suitable tool, turn each of the four (4) clips 90° counter-clockwise (see Figure 14).

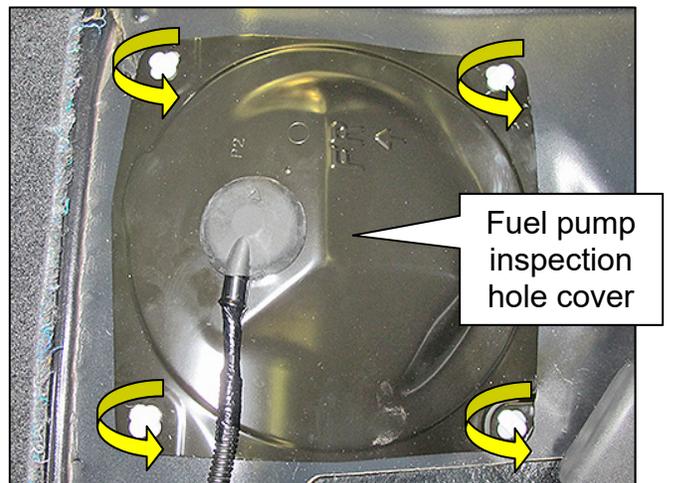


Figure 14

12. Install the rear seat cushion.

- a. Lower the rear seat cushion toward the rear of the vehicle.
- b. Position the rear seat belt buckles into the slots in the seat cushion (Figure 15).
- c. Slide the rear of the seat bottom back and down into position.

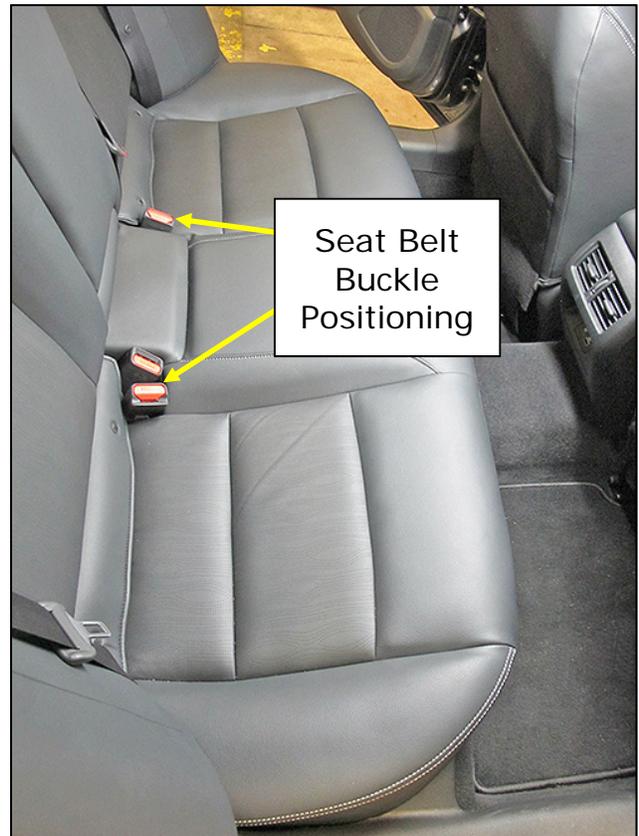


Figure 15

- d. Line up the seat cushion wire with the seat cushion lock, and then push the seat cushion down to lock into place for both sides (see Figure 16).

13. Reconnect negative battery cable.

- Torque to 5.39 N•m (0.55 kg-m, **47.5 in-lb**).

14. Close the hood.

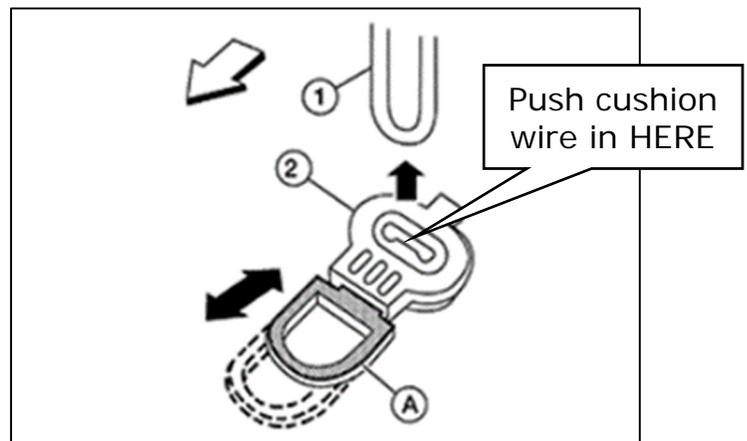


Figure 16

15. Reset/initialize electrical systems as needed.

- Refer to the ESM for a list of electrical systems that require resetting or initialization: **DIAGNOSIS > ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > POWER SUPPLY, GROUND CIRCUIT ELEMENTS > ADDITIONAL SERVICE WHEN REMOVING 12V BATTERY NEGATIVE TERMINAL.**
 - This list often includes items such as audio, HVAC, power windows, clock, etc.

PARTS INFORMATION

| DESCRIPTION | PART NUMBER | QUANTITY |
|--------------------------|-------------|----------|
| Fuel Pump Assembly | (1) | 1 |
| Fuel Pump to Tank O-Ring | (1) | 1 |

(1) Refer to the Electronic Parts Catalog for the VIN specific part numbers.

CLAIMS INFORMATION

Submit a "CM" line claim using the following claims coding:

| CAMPAIGN ("CM") ID | DESCRIPTION | OP CODE | FRT |
|-----------------------|---|---------|----------|
| PC692 | Inspect Fuel Tank Lock Ring Position and if necessary, lock it to the tank | PC6920 | 0.4 Hrs. |
| | Inspect Fuel Tank Lock Ring Position and if necessary, replace fuel pump | PC6921 | 0.7 Hrs. |

AMENDMENT HISTORY

| PUBLISHED DATE | REFERENCE | DESCRIPTION |
|----------------|-----------|-----------------------------|
| April 18, 2019 | NTB19-035 | Original bulletin published |

