



# RECALL CAMPAIGN BULLETIN

Reference:

NTB07-023

Date:

June 15, 2007

## VOLUNTARY RECALL CAMPAIGN 2007 VERSA HATCHBACK; BELT TENSION SENSOR CONNECTOR

**CAMPAIGN ID #:** PM711  
**NHTSA #** 07V-094  
**APPLIED VEHICLE:** 2007 Versa Hatchback (C11)  
**APPLIED VINs:** 3N1BC13E\*7L 350001 - 374621

**Use Service COMM to confirm campaign eligibility**

### INTRODUCTION

Nissan has determined that on some model year 2007 Nissan Versa Hatchback vehicles, the connection for the wire harness may have been damaged during manufacturing. If this connection is damaged, the Occupant Detection System may not operate correctly. If this occurs, the red air bag warning light will come on and the passenger side frontal air bag will not work. Driving with a non-working passenger air bag could increase the front passenger's risk of injury in a collision. To correct this condition, Nissan is conducting a Voluntary Recall Campaign to replace the connector for the front passenger seat belt tension sensor with a new one free of charge.

### IDENTIFICATION NUMBER

Nissan has assigned identification number PM711 to this campaign. This number must appear on all communications and documentation of any nature dealing with this Campaign.

### NUMBER OF VEHICLES POTENTIALLY AFFECTED

The number of vehicles potentially affected is approximately 16,309

### 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 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.

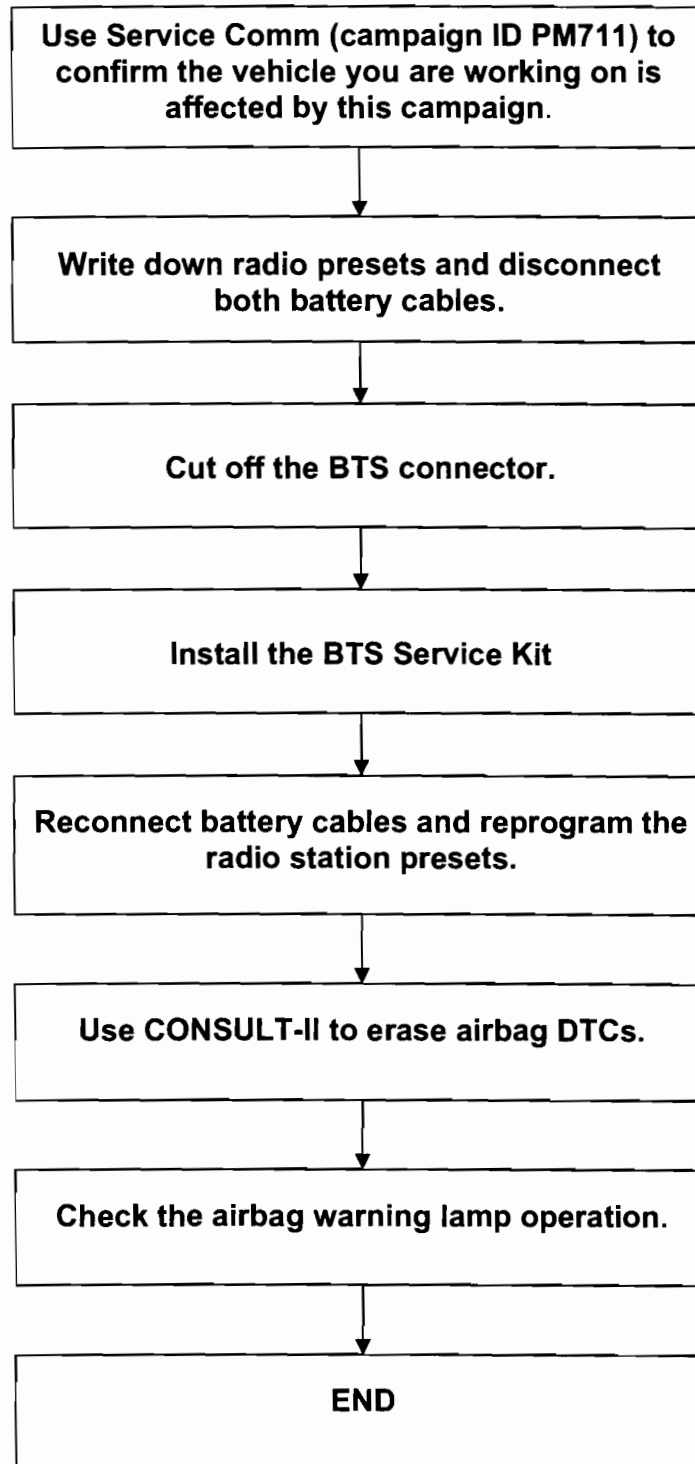
## REQUIRED SPECIAL TOOL

### Flameless Heat Gun; J-46538

- This tool is considered essential. Each dealer should have this tool in drawer 3 of the Special Tool Storage System (STSS).
- Additional information regarding this tool can be found in NTB03-078.
- Additional tools can be purchased from TECH-MATE at 1-800-662-2001 – option 1



## Repair Overview



## SERVICE PROCEDURE

1. Write down all radio station preset.

Presets	1	2	3	4	5	6
A						
B						
C						

2. Disconnect both battery cables (negative cable first).
  - Wait at least 3 minutes after battery cables are disconnected before disconnecting any SRS components.
3. Move the front passenger seat to the full forward position.
4. Remove the cover from the front passenger seatbelt outer anchor / Belt Tension Sensor (BTS).
5. Remove the front and rear inner kicking plates.

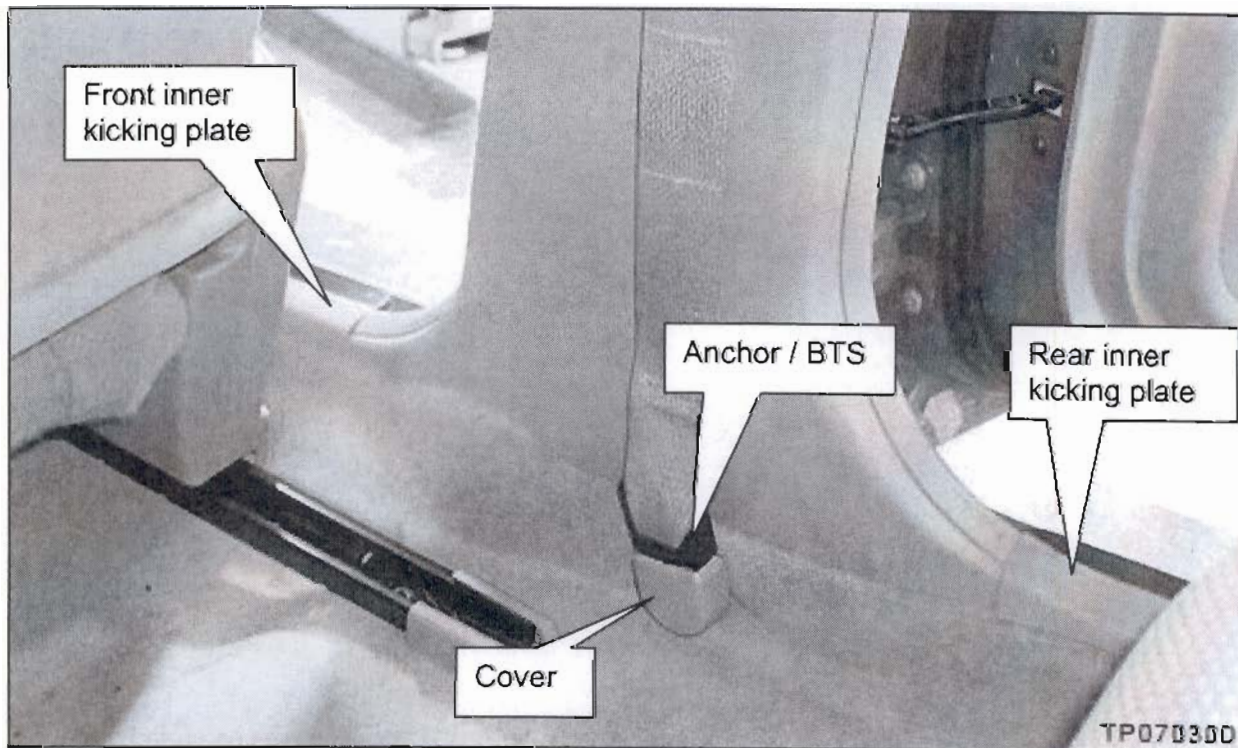


Figure 1

6. Take the front and rear body side welts loose along the bottom of the door opening.

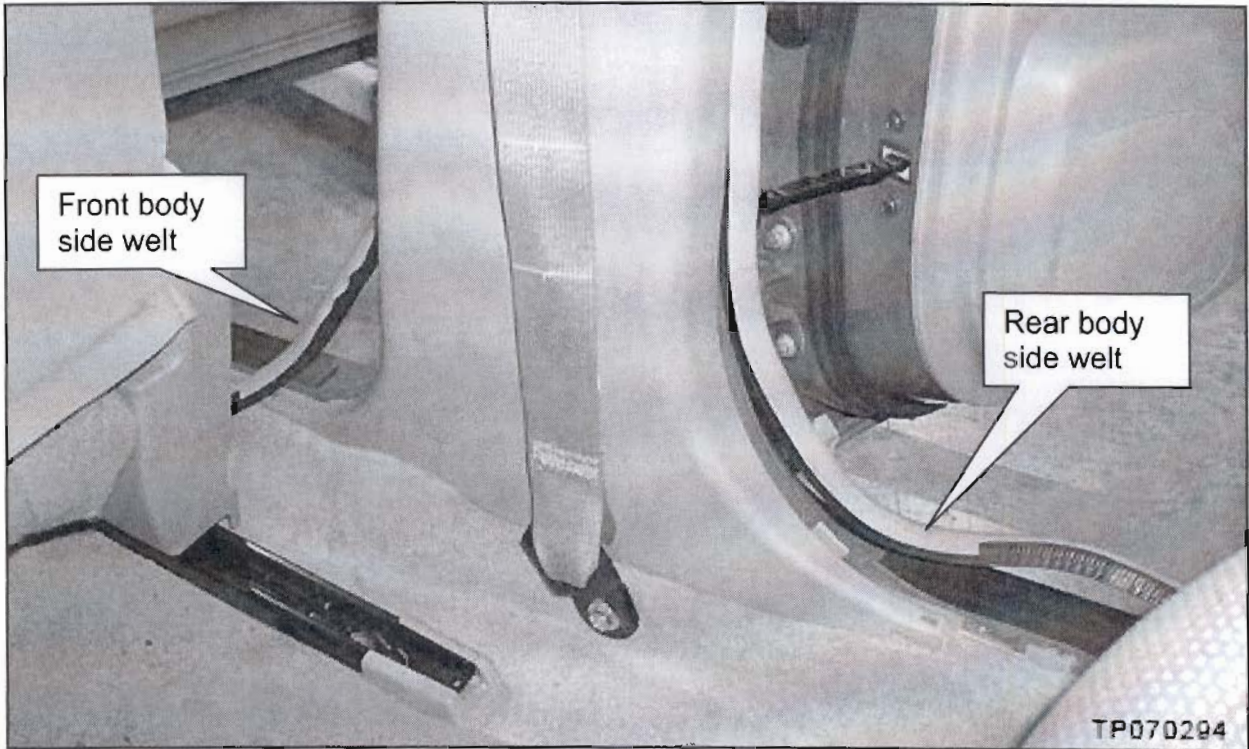


Figure 2

7. Pull back the floor carpet.
8. Locate and disconnect the Belt Tension Sensor (BTS) connector.
9. Remove the anchor bolt.

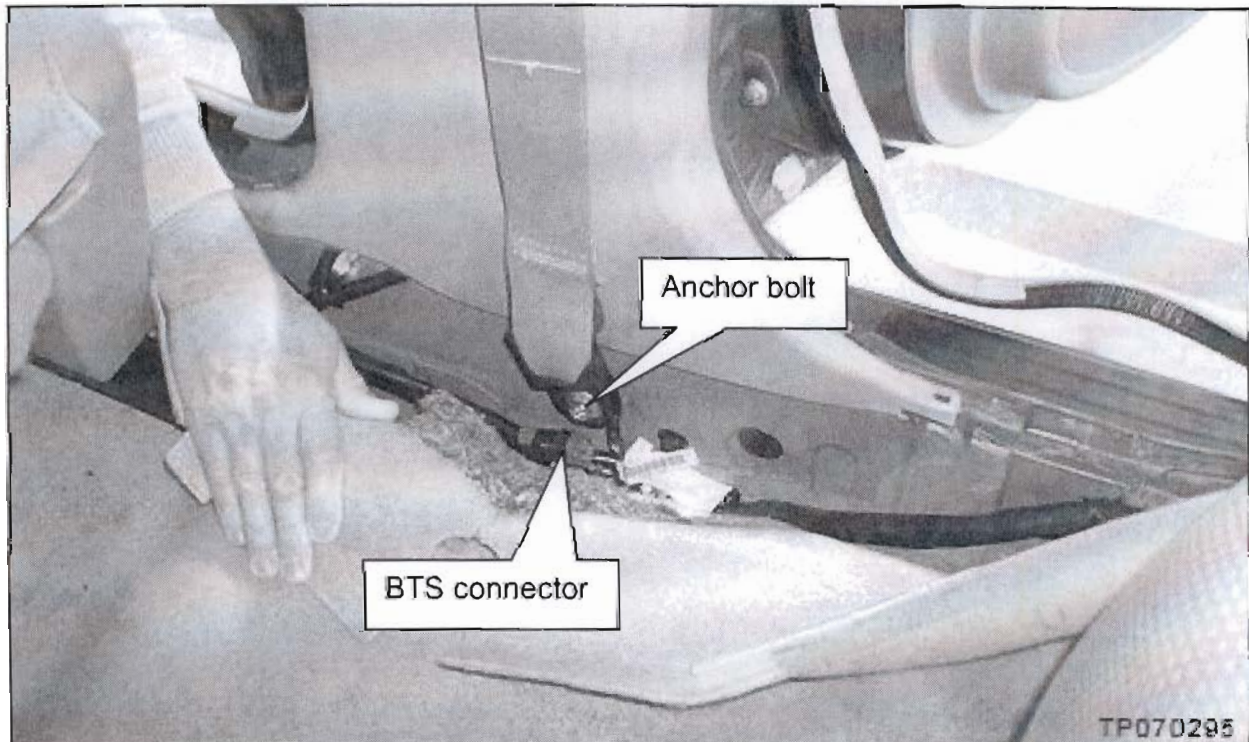


Figure 3

**NOTE:** With the anchor bolt removed, the seatbelt can be pulled out. This will make it easier to work on the BTS connector.

8. Cut the BTS harness as close to the connector as possible.

- Discard the old connector.



Figure 4

9. Attach the new service harness (with connector) using solder sleeve connectors.

**NOTE:** It is recommended that you read all of the instructions for using solder sleeve connectors—on the next page—before starting.

- Use solder sleeve connector P/N 24361-79902 (3 included in Service Kit).
- Attach / solder one wire at a time.
- Match the wire colors:
  - Red to Red
  - Blue to Blue
  - Black to Black

- Figure 5 shows a service harness connected with solder sleeve connectors.

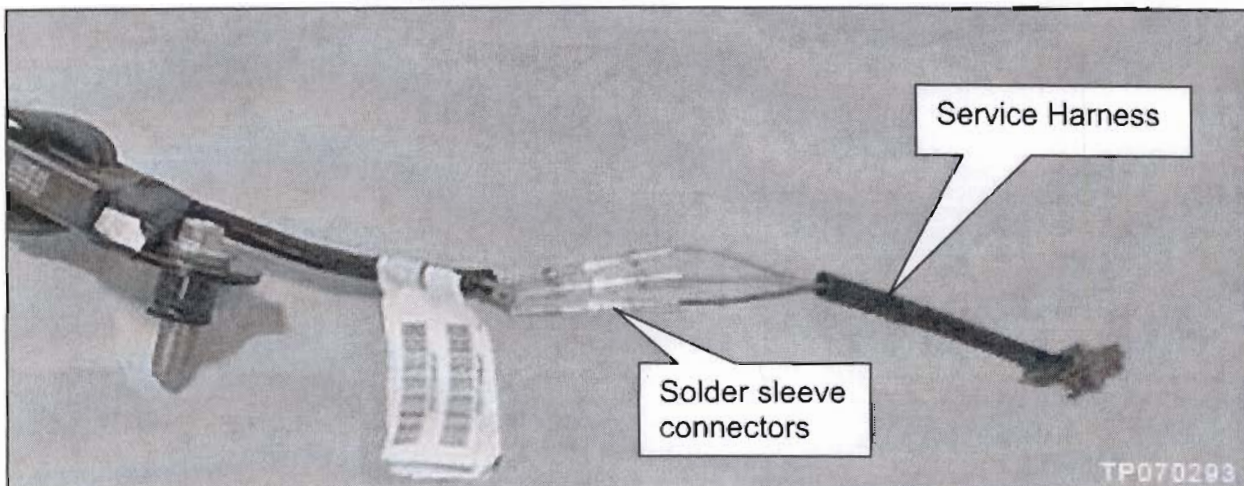


Figure 5

## Instructions for Using Solder Sleeve Connectors

- A. Strip about 10 mm of insulation from the ends of the wires.

**NOTE:**

- Use the correct size opening in the wire stripping tool so you won't cut off any strands of wire.
- Less strands reduce the ability of the wire to handle the expected electrical load.

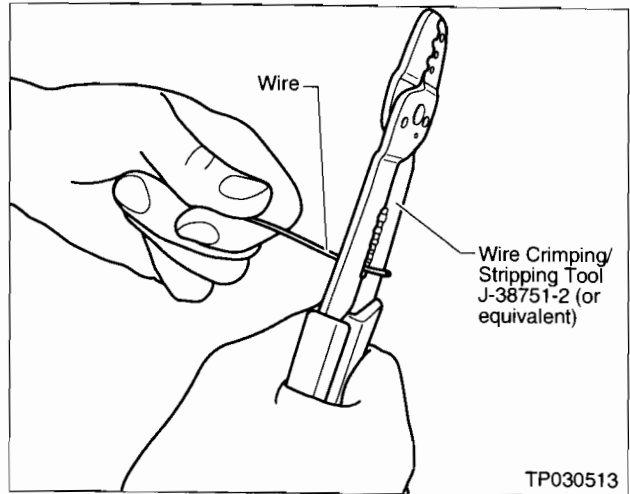


Figure A

- B. Firmly twist together the exposed wire strands.

- C. Slide a solder sleeve connector over the wire.

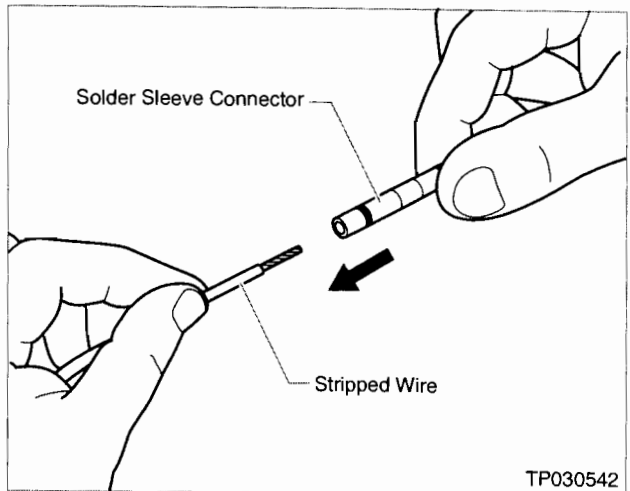


Figure B

D. Securely twist together the wires that will be connected / soldered.

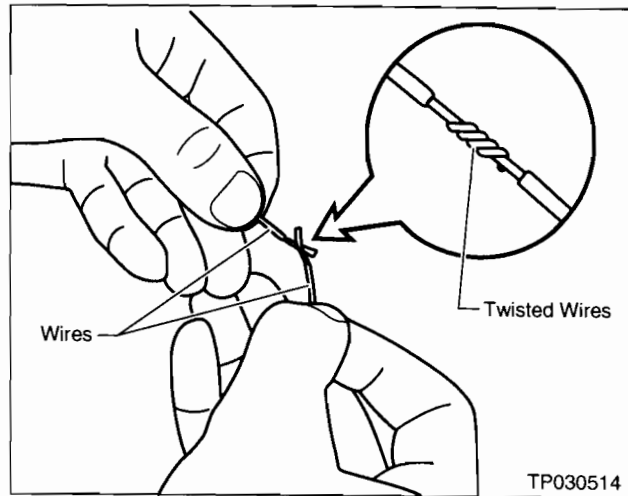


Figure C

E. Position the Solder Sleeve Connector so that the solder ring (in the connector) is centered around the exposed twisted wire area.

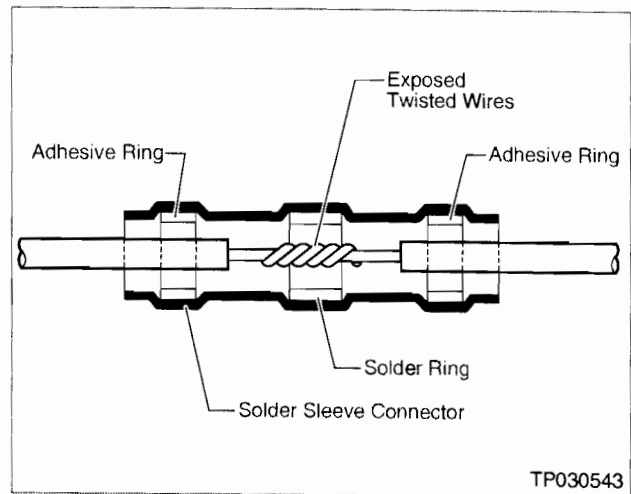


Figure D



F. Use the special Flameless Heat Gun—J-46538 to heat the solder sleeve connector.

This operation will:

- Melt the solder (silver ring inside the Solder Sleeve Connector) into the exposed twisted wire area.
- Melt the sealant (red rings inside solder connector) onto the wires.
- Shrink the plastic sleeve onto the wires.

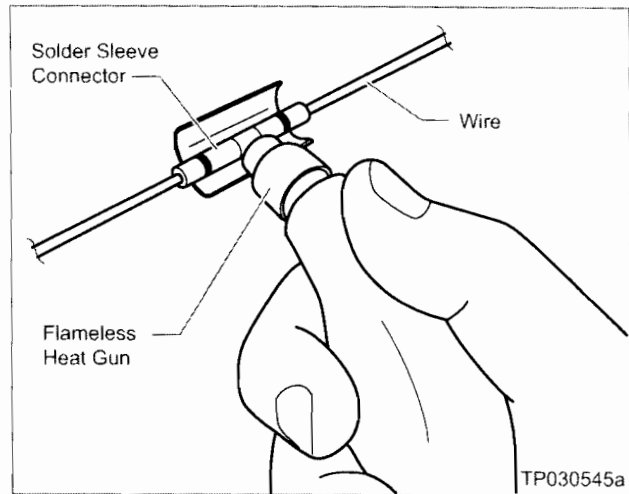


Figure E

#### Important Soldering Tips:

- Position the solder connector in the middle of the heat shield of the Heat Gun.
- Start heating the connector from the center and move back and forth (side to side) and around to allow even distribution of the heat to the entire connector.
- Make sure the solder completely flows into the exposed twisted wires and the adhesive properly seals the wire insulation to the connector sleeve. Stop applying the heat immediately after this happens.

#### WARNING:

- The Flameless Heat Gun and the Solder Connectors become **HOT** during the soldering process.
- Allow the Gun and connectors to cool down before handling them.

**CAUTION:** Be careful not to damage the connector or wires with the heat gun:

- Do NOT apply heat for more than about 40 seconds.
- Do NOT overheat the connector or wires (i.e., severe darkening of connector sleeve or wire insulation).

## IMPORTANT

10. After soldering all three wires, wrap the harness with vinyl tape as shown.

- As you wrap, keep the tape tight to the harness.
- Over-lap the tape 50% as you wrap.
- Make sure to cover the gap between the vinyl tube and the solder sleeve connectors.
- Do not cover the solder sleeve connectors.

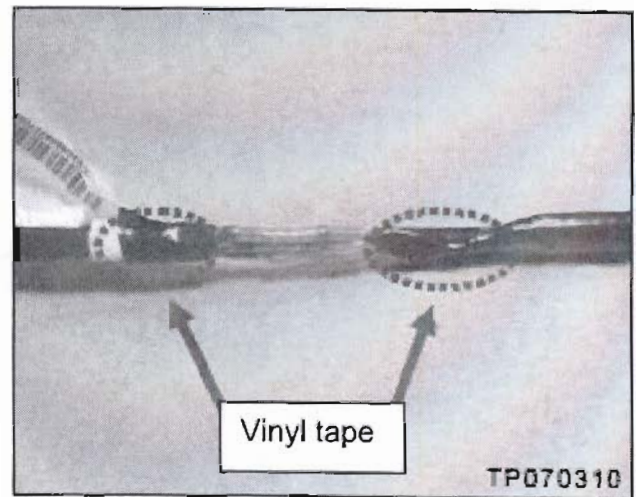


Figure 6

11. Reinstall the seatbelt anchor / BTS bolt.

- Torque to: 49 N.m (5.0 k-gm, **36 ft-lb**)

12. Connect the BTS Connector as shown in Figure 7.

- Make sure the BTS harness is routed in front of the BTS connector.
- Make sure the BTS harness is looped towards the rear of the vehicle.

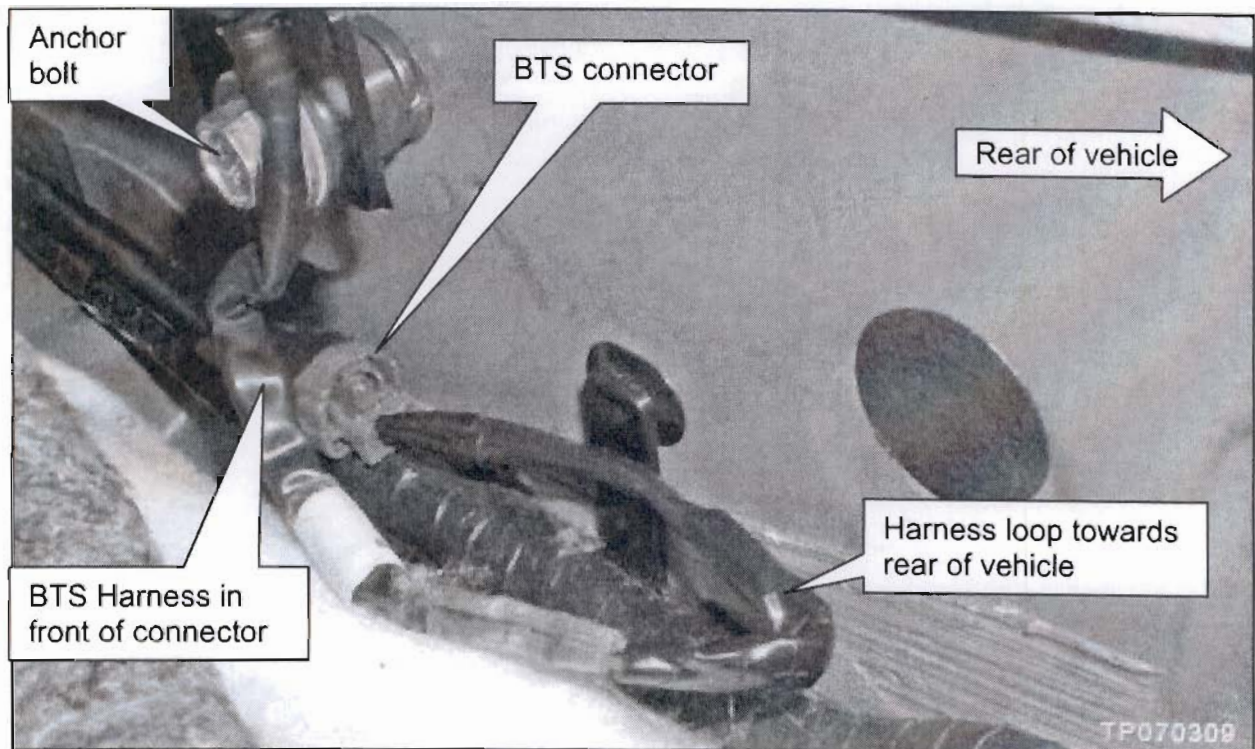


Figure 7

13. Secure the BTS harness with tie-wraps as shown.

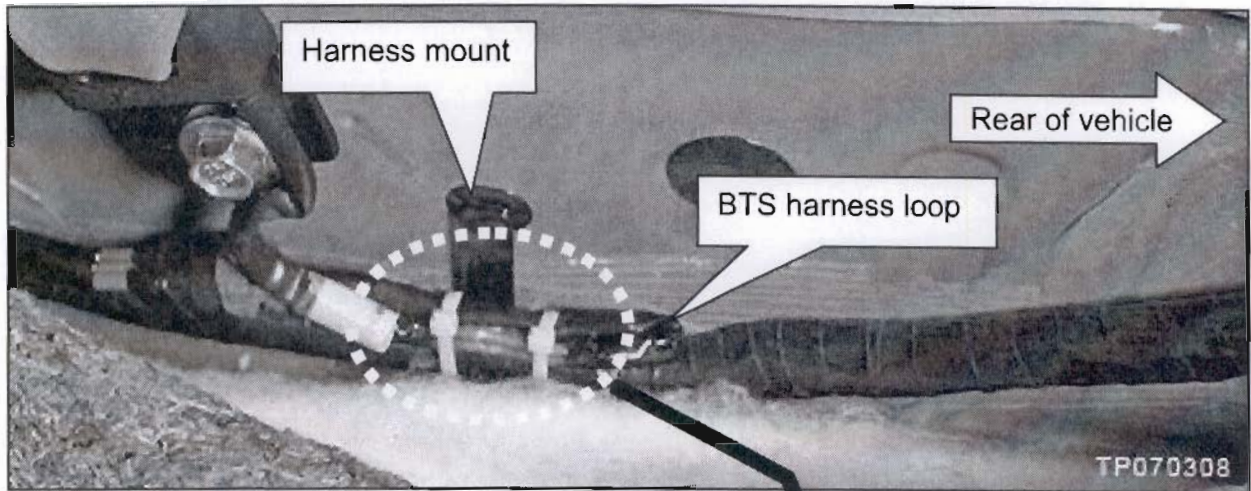


Figure 8

Make sure:

- The solder sleeve connectors are centered to the harness mount.
- The tie-wraps are secured at the adhesive rings of the solder sleeve connectors (see Figures 9 and 10).
- Excess tie-wrap is cut off.

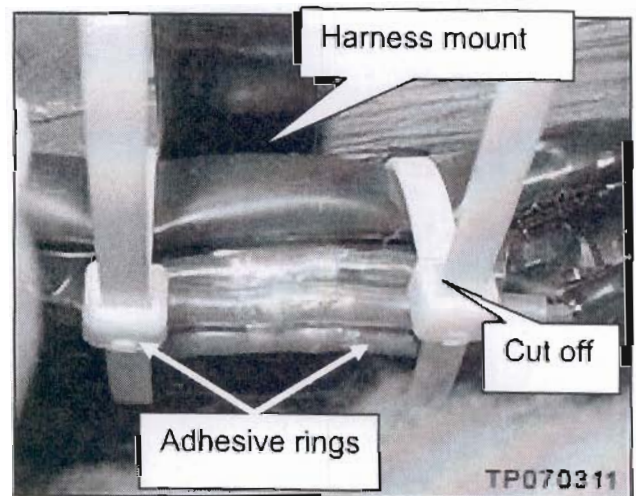


Figure 9

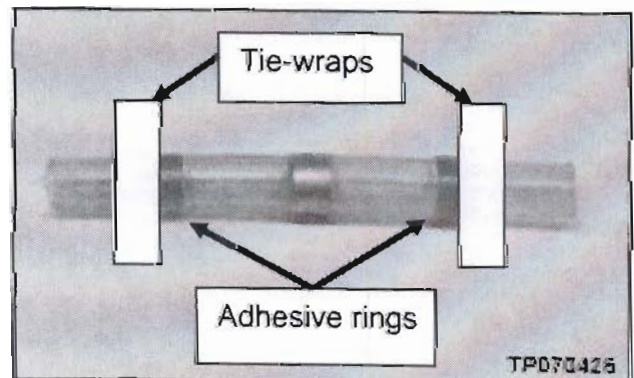


Figure 10

14. Put the floor carpet back in place.

15. Route the BTS harness through the notch in the anchor bracket as shown.



Figure 11

16. Reinstall all other parts removed in reverse order.

17. Reconnect the battery cables (positive cable first).

18. Reprogram the radio station presets.

19. Connect CONSULT-II and clear any codes from the Air Bag Control Unit SELF-DIAG [PAST].

#### Final Quality Checks

20. Check the air bag light operation as follows:

- a. Turn the ignition OFF and then ON.
- b. Observe the air bag warning light.
- c. Make sure the air bag warning light comes on for 7 seconds and then goes out.

**PARTS INFORMATION**

DESCRIPTION	PART NUMBER	QTY
BTS Service Kit  Kit Includes: <ul style="list-style-type: none"><li>• Service harness with connector</li><li>• 3 solder sleeve connectors</li><li>• 2 tie-wraps</li></ul>	24009-EM30A	1

**CLAIMS INFORMATION**

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

“CM” I.D.: PM711

DESCRIPTION	OP CODE	FRT
Install BTS Service Harness Kit	PM7111	0.7 hrs.

## OWNER'S LETTER

Dear Nissan 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 some 2007 model year Versa hatchback 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

The Versa hatchback has a passenger side seat belt tension sensor wire harness. In some affected vehicles, the connection for the wire harness may have been damaged during manufacturing. If this connection is damaged, the Occupant Detection System may not operate correctly.

If this occurs, the **RED** air bag warning light will come on and the passenger side frontal air bag will not work. Driving with a non-working passenger air bag could increase the front passenger's risk of injury in a collision.

### What Nissan Will Do

To correct this condition your Nissan dealer will replace the connector for the seat belt tension sensor with a new one. This free service should take about 1 hour 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

Contact your Nissan dealer at your earliest convenience in order to arrange an appointment to have your vehicle inspected and repaired.

### NOTE:

- If a **RED** air bag warning light located in your instrument cluster illuminates together with the **YELLOW** "Pass Air Bag Off" status light (located on the center portion of the instrument panel next to the radio) and stays on for longer than a few seconds, the passenger side frontal airbag in your vehicle will not operate. If this happens, you should take your car to a Nissan dealer for repair as soon as possible, and you should not let anyone ride in the front passenger seat until the dealer has repaired your vehicle.
- If a **YELLOW** "Pass Air Bag Off" status light (located on the center portion of the instrument panel next to the radio) illuminates, but the **RED** air bag warning light does not, this is normal and does not mean that the passenger air bag is malfunctioning (see your Owners Manual). However, you should still bring your vehicle for inspection and repair at your earliest convenience.

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). You may also contact the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW., 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.

