



RECALL CAMPAIGN BULLETIN

Reference:

NTB12-008a

Date:

February 2, 2012

VOLUNTARY SAFETY RECALL CAMPAIGN 2012 VERSA SEDAN SHIFT SELECTOR

<p>The part number for the Shift Selector Assembly listed in the Parts Information has been amended. Please discard previous versions of this bulletin.</p>

CAMPAIGN ID #: PM253
APPLIED VEHICLES: 2012 Versa Sedan (N17)
APPLIED TRANSMISSION: CVT

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a Voluntary Safety Recall Campaign on certain specific Model Year 2012 Versa Sedans to replace the shift selector handle and inspect the function of the shift selector assembly. On some of the potentially affected vehicles, the shift selector handle may have been manufactured out of specification. This may cause the brake shift interlock not to operate as designed. This service will be performed at no charge for parts or labor.

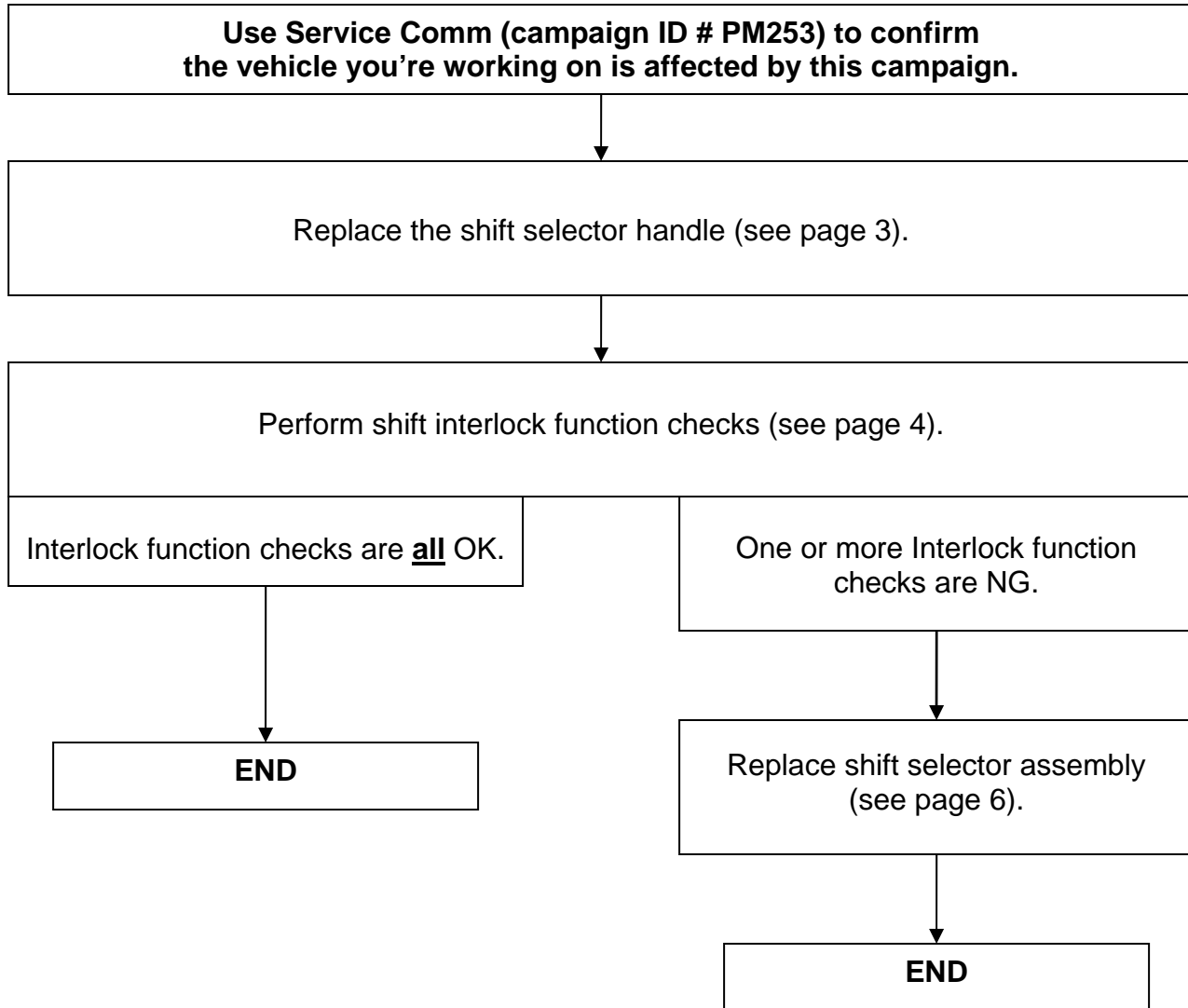
IDENTIFICATION NUMBER

Nissan has assigned identification number PM253 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 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.

REPAIR OVERVIEW



SERVICE PROCEDURE

CAUTION:

- Be careful; do not scratch or damage finishers or other interior surfaces or parts.
- Use protective coverings as needed to protect interior surfaces.

1. Turn the ignition OFF.
2. Set the parking brake.

3. Slide the shift selector handle cover down.

NOTE: The cover is snapped in place and will require a small amount of force to push it down.



Figure 1

4. Remove the lock pin.

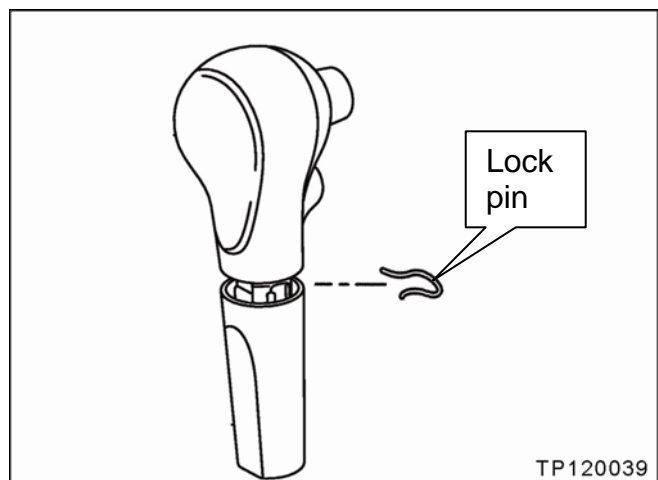


Figure 2

5. Pull UP to remove the shift selector handle and cover.



Figure 3

6. Install the new shift selector handle and cover.
 - Slide the new handle onto the shift selector until it snaps in place.

NOTE: The new handle comes assembled with cover and clip.
7. Render the old shift selector handle unusable by breaking the electrical connectors.
8. Perform the following three checks for the shift interlock functions:

Check 1

- a. Turn the ignition ON (engine OFF- not running).
- b. Keep foot off of the brake pedal.
- c. Try to shift from Park.

OK – will **not** shift from Park.

NG – will shift from Park.

Check 2

- a. Turn the ignition ON (engine OFF- not running).
- b. Press the brake pedal and push the shift handle button.
- c. Try to shift from Park.

OK – **will** shift from Park.

NG – will not shift from Park.

Check 3

- a. Turn the ignition ON (engine OFF- not running).
- b. Press the brake pedal.
- c. Shift from Park to Drive and then back to Park.
- d. Turn the ignition to the Lock position.
- e. Remove the ignition key.

OK – key is removed.

NG – key will not remove.

If all three checks are OK – repair is complete.

If any of the above three checks is NG – replace the entire shift selector assembly.

- Go to the next page for shift selector assembly replacement.

Shift Selector Assembly Replacement.

NOTE: Replace the shift selector assembly only if one of the three checks on pages 4 and 5 are NG.

1. Set the parking brake.
2. Move the shift selector to Neutral:
 - a. Turn the ignition ON (engine OFF)
 - b. Press the brake pedal.
 - c. Move shift selector to N.
 - d. Turn the ignition OFF.

3. Carefully remove the shift selector handle.

NOTE: This is the new handle. It will be reused. Don't damage it.

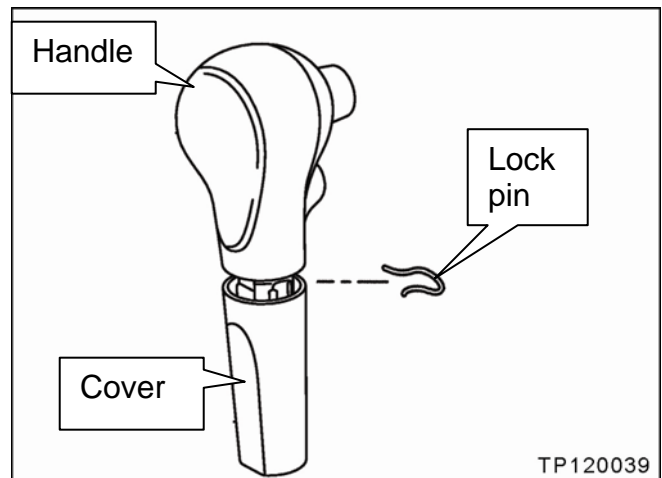


Figure 4

4. Remove the center console:
 - a. Make sure the parking brake lever is pulled UP.
 - b. Remove 2 clips at the front.
 - c. Slide both front seats all the way forward.
 - d. Remove 2 screws at the rear.

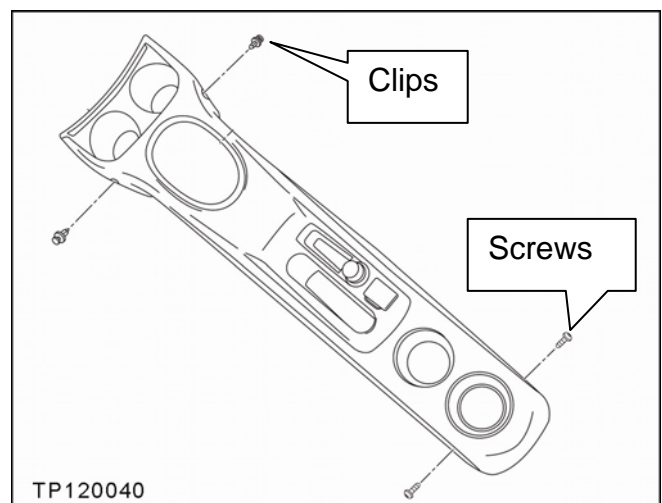


Figure 5

- d. Slide the right front seat all the way backward and place it in the fully reclined position.
- e. Slide the left front seat all the way forward and tilt the seatback to the full forward position.

- e. Raise the right rear corner of the center console assembly, rotating slightly. Then lift assembly upward over the parking brake handle.
- f. Disconnect the power socket connector and USB/auxiliary jack connector (if equipped) and remove center console assembly.

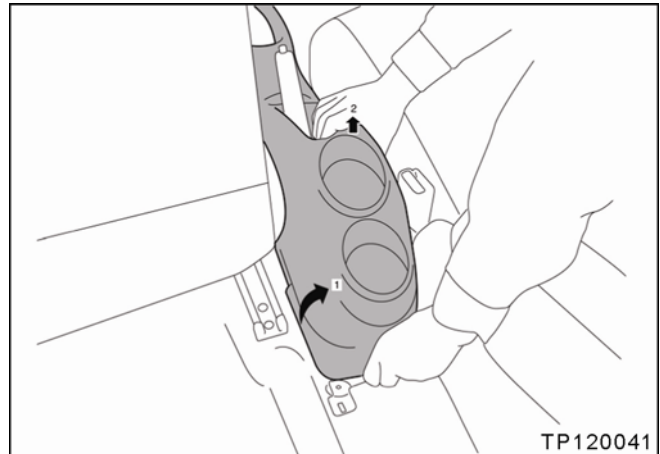


Figure 6

- 5. Disconnect the electrical connectors from the shift selector assembly.
- 6. Move the shift selector to Park.

- 7. Disconnect the key interlock cable from the shift selector assembly:
 - a. Press and hold pawls (B).
 - b. Slide in direction of the casing cap (C).
 - c. Separate the adjusting holder (D) and slider (A).
 (E) = Key interlock rod.

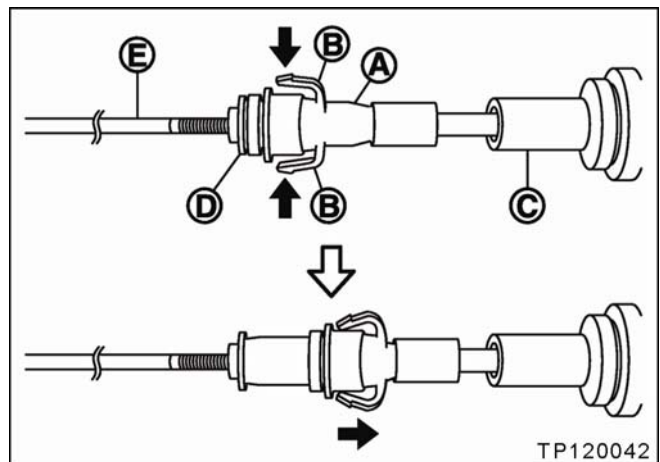


Figure 7

8. Remove the control cable from the CVT shift selector assembly.

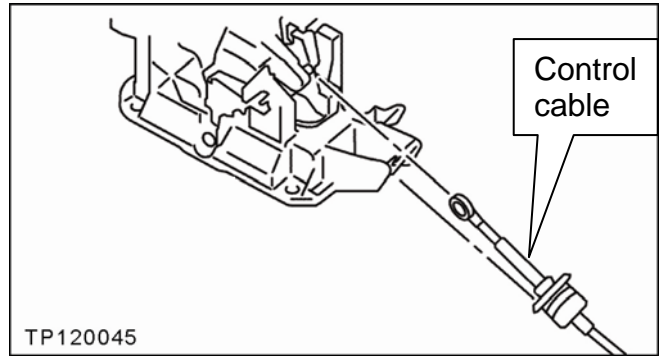


Figure 8

9. Remove 4 mounting nuts from the shift selector assembly.

10. Render the old shift selector assembly unusable by cutting the electrical wires.

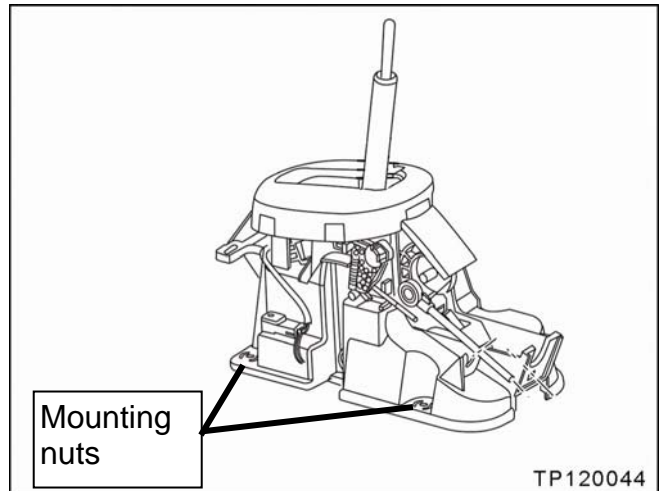


Figure 9

11. Install the new shift selector assembly in reverse order.

Note the following:

- Mounting nut torque for the shift selector assembly – 5.5 Nm (0.56 k-gm, **49 in-lb**).
- When connecting the control cable, face the grooved surface of the rib UP and insert the control cable until it stops.

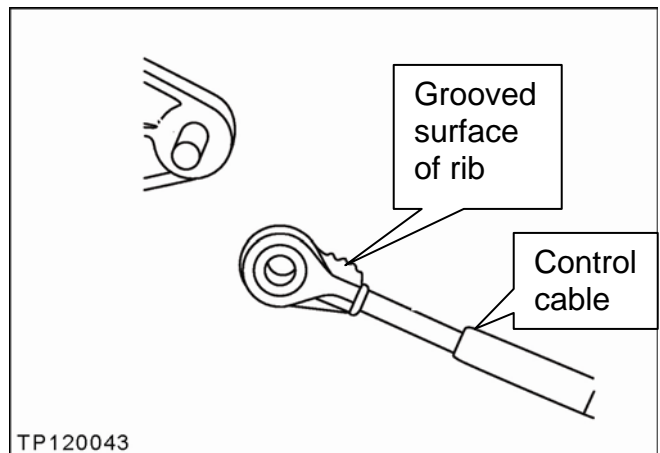


Figure 10

12. Set the parking brake and check operation of the shift control assembly as follows:

With the ignition OFF:

- Shift selector will not move from Park.

With ignition ON:

- Shift selector will move from Park only when the brake is pressed and the handle button is pressed.
- Move the shift selector and check for “excessive effort,” “sticking,” “noise” or “rattle”.
- Confirm the shift selector stops at each position with the feel of engagement when it is moved through all the positions.
- Check whether or not the actual position of the CVT matches the position shown on the shift selector.

- Shift selector operates as shown:

(A): Press shift selector button to operate shift selector while depressing the brake pedal.

(B): Press shift selector button to operate shift selector.

(C): Shift selector can be operated without pressing shift selector button.

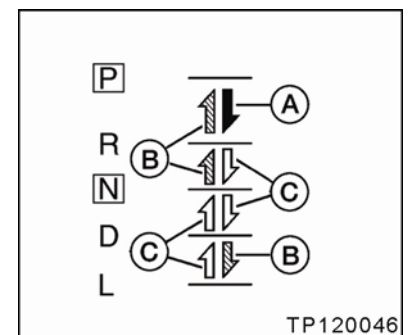


Figure 11

- Make sure the back-up lamps illuminate only when the shift selector is placed in the “R” position.
- Confirm the engine can be started only when the shift selector is in the “P” and “N” positions.
- Make sure the transaxle is locked when the shift selector is in the "P" position.

NOTE: If needed, refer to the Service Manual, section TM, for control cable adjustment procedures.

PARTS INFORMATION

DESCRIPTION	COLOR / CODE	PART NUMBER	QTY
Shift Selector Handle (Non SL Models)	Charcoal / G	34910 – 1HK0C	1
	Sandstone / K	34910 – 1HK0D	
Shift Selector Handle (SL Models)	Charcoal / G	34910 – 1HK1C	
	Sandstone / K	34910 – 1HK1D	
Shift Selector Assembly	N/A	34901 – 3AN0C *	If needed

* 34901-3AN0A may be shipped in place of 34901-3AN0C

CLAIMS INFORMATION

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

CAMPAIGN (CM) I.D #	DESCRIPTION	OP CODE	FRT
PM253	Replace Shift Selector Handle	PM2530	0.2 hrs.

CAMPAIGN (CM) I.D #	DESCRIPTION	OP CODE	FRT
PM253	Replace Shift Selector Assembly	PM2531	0.5 hrs.

