RECALL CAMPAIGN BULLETIN

Classification: EL18-016  Reference: NTB18-060  Date: September 4, 2018

VOLUNTARY SAFETY RECALL CAMPAIGN
MECHANICAL KEY IGNITION SYSTEM

CAMPAIGN ID #: PC642 or PM828
APPLIED VEHICLES:
- 2017-2018 Frontier (D40)
- 2017-2018 Micra (K13)
- 2017 NV1500, 2500, 3500 (F80)
- 2017 NV200 (M20)
- 2017 Sentra (B17)
- 2017 Taxi
- 2017-2018 Versa Note (E12)
- 2017-2018 Versa Sedan (N17)

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

INTRODUCTION

Nissan is conducting this voluntary safety recall campaign on the APPLIED VEHICLES listed above to inspect and, if necessary, replace the ignition switch. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC642 or PM828 to this campaign based on the model of the vehicle. 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 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.

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.
REPAIR OVERVIEW

Check Service COMM or Dealer Business Systems (DBS) National Service History for campaign ID # PC642 or PM828 to confirm the vehicle you are working on requires this campaign.

Record (write down) radio stations and any other customer settings that will be lost when the battery is disconnected.

Remove the ignition switch and record ignition switch lot number.

Perform **IGNITION SWITCH INSPECTION** on Page 24.

- **Good**
  - Reassemble vehicle – No repairs required.

- **No Good**
  - Replace ignition switch and reassemble vehicle.
Perform steps 1 through 4 on this page, and then go to the specific procedure according to the TABLE OF CONTENTS, below.

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SERVICE PROCEDURE

CAUTION: Handle interior trim carefully to avoid damage. Work with clean hands and clean tools to avoid dirt and stains. Use protective covers as needed.

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near a Supplemental Restraint System (SRS), such as an air bag or OCS components.

1. Turn the ignition ON, engine OFF.

2. Write down the radio settings.

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3. Write down setting for other systems that will lose memory when the 12 volt battery is disconnected.
   • Refer to the ESM section, PG – Power, Supply & Ground Elements for a listing of systems that require reset/initialization after reconnecting the 12V battery.
   • For PDF ESM: Look in the PG section index for ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL.
   • For Web ESM: Navigate to - ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > INSPECTION AND ADJUSTMENT > ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL
   • This list often includes items such as radio, power windows, clock, sunroof, etc.

4. Turn the ignition OFF.
1. Adjust the driver seat to the most rearward position.

2. Disconnect both battery cables and wait at least 3 minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section **PG - (Power Supply, Ground, & Circuit Elements)**.

3. Look up under the dash, near the steering column area to locate the ignition switch.
   - View as seen when looking up under the dash, at the steering column.
4. Disconnect the ignition switch harness connector.
   - Depress the tab on the ignition switch harness connector to release it from the ignition switch.

5. Remove the (2) ignition switch screws.

6. Remove the ignition switch from the steering column.

7. Record the lot number located on the back side of the ignition switch.
   
   Lot Number________________

   **NOTE:** Lot number shown in Figure 6 is an example. Your lot number may be different.

8. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
2017-2018 MICRA

1. Disconnect both battery cables and wait at least (3) minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section **PG - (Power Supply, Ground, & Circuit Elements)**.

2. Use a plastic trim tool to remove the instrument side finisher (LH).

3. Remove the data link connector from instrument lower panel (LH).
   - Data link connector is held on with (1) screw.
4. Remove the hood lock/fuel filler door release lever assembly bolts.
   - Hood lock/fuel filler door release lever assembly is held on with (2) bolts.
   - Pull the hood lock/fuel filler door release lever assembly rearward to remove.

5. Remove the instrument lower panel (LH).
   - Release instrument lower panel (LH) pawls and metal clips using a plastic trim tool.
   
   **CAUTION:** Release pawls and metal clips slowly so they are not damaged.

6. Disconnect the harness connectors from the back side of the instrument lower panel (LH).
   - Figure 11 shows connectors already disconnected.
7. Remove the steering column cover screws.
   - Rotate steering wheel to access steering column cover screws.

8. Remove the steering column covers:
   a. Tilt the steering column to the lowest position.
   b. Pull the steering column upper cover (1) upward to release steering column upper cover pawls from the steering column lower cover (2).

   = Pawls
9. Disconnect the ignition switch harness connector.

- Depress the tab on the ignition switch harness connector to release it from the ignition switch.
10. Remove the (2) ignition switch screws.

11. Remove the ignition switch from the steering column.
   - Figure 18 shows ignition switch already removed.

12. Record the lot number located on the back side of the ignition switch.
    
    Lot Number________________

    **NOTE:** Lot number shown in Figure 19 is an example. Your lot number may be different.

13. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
1. Adjust the driver seat to the most rearward position.

2. Disconnect both battery cables and wait at least 3 minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section **PG - (Power Supply, Ground, & Circuit Elements)**.

3. Look up under the dash, near the steering column area to locate the ignition switch.
   - View as seen when looking up under the dash, at the ignition switch.
4. Disconnect the ignition switch harness connector.
   - Depress the tab on the ignition switch harness connector to release it from the ignition switch.

5. Remove the (2) ignition switch screws.

6. Remove the ignition switch from the steering column.

7. Record the lot number located on the back side of the ignition switch.

   Lot Number________________

**NOTE:** Lot number shown in Figure 25 is an example. Your lot number may be different.

8. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
1. Disconnect both battery cables and wait at least 3 minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section PG - (Power Supply, Ground, & Circuit Elements).

2. Remove the ignition switch bezel.

3. Remove the steering column cover screws.
   - Rotate the steering wheel to access steering column cover screws.

4. Remove the steering column covers:
   a. Tilt the steering column to the lowest position.
   b. Pull the steering column upper cover (1) upward to release steering column upper cover pawls from the steering column lower cover (2).

   = Pawls
5. Disconnect the ignition switch harness connector.
   - Depress the tab on the ignition switch harness connector to release it from the ignition switch.

6. Remove the (2) ignition switch screws.
7. Remove the ignition switch.
   - Figure 32 shows ignition switch already removed.

8. Record the lot number located on the back side of the ignition switch.

   Lot Number __________________

   **NOTE:** Lot number shown in Figure 33 is an example. Your lot number may be different.

9. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
2017 SENTRA

1. Disconnect both battery cables and wait at least 3 minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section PG - (Power Supply, Ground, & Circuit Elements).

2. Remove the steering column cover screws.
   - Rotate the steering wheel to access steering column cover screws.

3. Remove the steering column covers:
   a. Tilt the steering column to the lowest position.
   b. Pull the steering column upper cover (1) upward to release steering column upper cover pawls from the steering column lower cover (2).

   = Pawls
4. Disconnect the ignition switch harness connector.
   - Depress the tab on the ignition switch harness connector to release it from the ignition switch.

5. Remove the (2) ignition switch screws.
6. Remove the ignition switch.
   - Figure 39 shows ignition switch already removed.

7. Record the lot number located on the back side of the ignition switch.

   Lot Number________________

   NOTE: Lot number shown in Figure 40 is an example. Your lot number may be different.

8. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
2017-2018 VERSA SEDAN AND NOTE

1. Disconnect both battery cables and wait at least 3 minutes.
   - Disconnect negative battery cable first.
   - If needed, refer to the Electronic Service Manual (ESM) section PG - (Power Supply, Ground, & Circuit Elements).

2. Remove the data link connector from the instrument lower panel (LH).
   - Data link connector is held on with (2) screws.

3. Remove the hood lock/fuel filler door release lever assembly.
   - Hood lock/fuel filler door release lever assembly is held on with (2) bolts.

4. Pull the hood lock/fuel filler door release lever assembly rearward to remove.

5. Use a plastic trim tool to remove the instrument side finisher (LH).
6. Use a plastic trim tool to remove the instrument lower panel (LH).

- Pawl
- Metal clip

**CAUTION:** Release the pawls and metal clips slowly so that they are not damaged.

7. Disconnect the harness connectors from the back side of the instrument lower panel (LH).

- Figure 45 shows connectors already disconnected.

8. Remove the instrument panel lower support bracket.

- Instrument panel lower support bracket is held on with (4) bolts.
  - **NOTE:** For reassembly, torque bolts to; 8.5 N•m (.86 kg-m, 75 in-lb).

**WARNING:** There are parts in the instrument panel area that have sharp edges. Be careful when handling these parts.
9. Remove the steering column cover screws.
   - Rotate the steering wheel to access steering column cover screws.

10. Remove the steering column covers:
   a. Tilt the steering column to the lowest position.
   b. Pull the steering column upper cover (1) upward to release steering column upper cover pawls from the steering column lower cover (2).

   \( \bigcirc \) = Pawls
11. Disconnect the ignition switch harness connector.

- Depress the tab on the ignition switch harness connector to release it from the ignition switch.

12. Remove the (2) ignition switch screws.
13. Remove the ignition switch from the steering column.
   - Figure 53 shows ignition switch already removed.

14. Record the lot number located on the back side of the ignition switch.

   Lot Number ________________

   **NOTE:** Lot number shown in Figure 54 is an example. Your lot number may be different.

15. Proceed to Page 24 to perform the Ignition Switch Inspection procedure.
IGNITION SWITCH INSPECTION

1. Open ASIST.
2. Select the “Tech Support Info” tab on the left side of the ASIST screen.

4. Select “Voluntary Safety Recall Campaign – MY17/18 Frontier, Versa SD/Note, Micra & MY17 NV1500-3500, NV200 + Taxi, Sentra Mechanical Key Ignition System CLICK HERE…”
5. Input the number found on the backside of the ignition switch.

6. Select “Check.”

5. Input the number found on the backside of the ignition switch.

6. Select “Check.”

**Figure 57**

7. If the ignition switch is **GOOD** as shown in Figure 58 then the ignition switch **DOES NOT** need to be replaced.
   - Reinstall the original ignition switch.
   - Reinstall all components in the opposite order of removal.
   - Proceed to Step 9 on Page 26.

**Figure 58**

- “Ignition Switch is GOOD. Reinstall Ignition Switch.”
8. If the ignition switch is **NO-GOOD** as shown in Figure 59, **REPLACE** the ignition switch.
   - Replace the ignition switch with the one listed in the **PARTS INFORMATION** section of this bulletin.
   - Reinstall all components in the opposite order of removal.

   ![PC642 & PM828 - Ignition Switch Inspection](image)

```
PC642 & PM828 - Ignition Switch Inspection
8/21/2018 8:16:29 AM

Please enter a 4 character "LOT" Number

XXXX  Check

“Ignition Switch is NO-Good. Replace the Ignition Switch.”
```

9. Reset/reinitialize systems as needed.
   - Refer to the ESM section, PG – Power, Supply & Ground Elements for a listing of systems that require reset_INITIALIZATION after reconnecting the 12V battery.
   - For PDF ESM: Look in the PG section index for ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL.
   - For Web ESM: Navigate to - ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > INSPECTION AND ADJUSTMENT > ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL
   - This list often includes items such as radio, power windows, clock, sunroof, etc.
### PARTS INFORMATION

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### CLAIMS INFORMATION

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