VOLUNTARY SAFETY RECALL CAMPAIGN
ABS ACTUATOR

This bulletin has been amended. The information on page 2 was updated, the NHTSA # was added, and the Applied Vehicles were corrected. No other changes were made. Please discard previous versions of this bulletin.

CAMPAIGN ID #: PC482
NHTSA #: 16V-636
APPLIED VEHICLES: 2016 – 2017 Maxima (A36)
2015 – 2017 Murano (Z52)
2016 Murano Hybrid (Z52)

Check Service COMM to confirm campaign eligibility

INTRODUCTION

Nissan is conducting a voluntary safety recall campaign on certain specific model year 2016 – 2017 Maxima, 2015 – 2017 Murano, and 2016 Murano Hybrid vehicles to inspect and, if necessary, replace the ABS Actuator and Electric Unit (ABS control unit). This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC482 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.
**IMPORTANT:** If the ABS warning light is illuminated:

- The vehicle should not be driven.

- If needed, provide the customer with a rental.

- Disconnect the vehicle 12 volt battery, and leave it disconnected while the vehicle is parked waiting for service.
SERVICE PROCEDURE

1. Open the engine hood and locate the ABS Actuator and Electric Unit (ABS control unit).
   - ABS control unit is on the passenger side of the engine compartment next to the engine wall.

   ![Figure 1A](image)

2. Locate the serial number on the top of the ABS control unit next to the QR label (see Figures 1A and 2A).
   - If there is no serial number (the area shown in Figure 2A is blank), skip to step 9 for ABS control unit replacement.

   **NOTE:** The new ABS control unit may also not have a serial number. This does not mean the new ABS control unit requires replacement.

   ![Figure 2A](image)

3. Write the 15 digit serial number on the repair order.
   - In the example in Figure 2A, the serial number is **032160218510127** (this is an example, your serial number will be different).

   **NOTE:** It may be easier to take a photo of the serial number with a smart phone and then read the serial number on the photo.
4. Take the repair order (with the serial number) to an ASIST work station.

5. On the left side of the ASIST main menu, select **Tech Support Info**, then **Inventory Vehicle Actions**.

6. Select **CLICK HERE** (PC482-ABS Actuator Inspection).
7. Type in the 15 digit serial number.

8. Select **Check**.

- If your ABS control unit (ABS Actuator) is OK, the **OK** message shown in Figure 5A will display.

- The screen in Figure 5A showing the 15 digit serial number and the **OK** message, MUST be printed and attached to the repair order for warranty documentation.

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**PC482 - ABS Actuator Inspection**

8/31/2016 8:08:44 AM

Please enter a 15 digit Serial Number including leading zero.

```
XXXXXXXXXXXXXXXXXXX
```

“ABS actuator is OK. No repair required. Submit inspect only claim per Campaign Bulletin”

**Example OK message**

An example of the NG message is on the next page.

**EXAMPLE**

Figure 5A
- If your ABS control unit (ABS Actuator) is NG, the **Replace ABS Actuator** message shown in Figure 6A will display.

- The screen in Figure 6A showing the 15 digit serial number and the **Replace ABS Actuator** message, MUST be printed and attached to the repair order for warranty documentation.

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**PC482 - ABS Actuator Inspection**

8/31/2016 8:08:44 AM

Please enter a 15 digit Serial Number including leading zero.

![Example Replace ABS Actuator message](image)

ABS actuator condition found. Replace ABS actuator per ESM and submit appropriate claim per Campaign Bulletin.

**EXAMPLE**

Figure 6A
9. If the ABS Actuator and Electric Unit (ABS control unit) requires replacement:

- Refer to the appropriate Electronic Service Manual (ESM), section BRC-Brake Control System, for replacement information.

- Follow all instructions in the ESM for ABS Control Unit replacement.

- **IMPORTANT:** Make sure ADJUSTMENT OF STEERING ANGLE SENSOR NEUTRAL POSITION and CALIBRATION OF DECEL G SENSOR are done as part of the ABS control Unit replacement procedure (both are listed in the BRC section index).

- Refer to the next page for ABS Control Unit Configuration.

**IMPORTANT:** If there is a delay between inspection and replacement of the ABS control unit; disconnect the vehicle 12 volt battery, and leave it disconnected while the vehicle is parked waiting for service.

10. After the procedure is complete (ABS control unit replaced and configured), check the ABS warning light for proper operation.

- When the ignition is turned ON, the ABS warning light illuminates for a few seconds and then turns OFF. This indicates the ABS is operational.

- If the ABS warning light stays illuminated, refer to ASIST and the ESM for further diagnosis.

- Repairs beyond ABS control unit replacement are not covered by this bulletin.
ABS CONTROL UNIT CONFIGURATION PROCEDURE

NOTE: Although the ABS Control Unit Configuration Procedure is contained in the ESM, The instructions on pages 8 through 13 contain additional detail that may be helpful.

1. Connect C-III plus to the vehicle.

2. Turn the ignition ON.

3. Open / start C-III plus.

4. Wait for the plus VI to be recognized.
   - The serial number will display when the plus VI is recognized.

5. Select **Re/programming, Configuration**.

![Figure 1B](image-url)
6. Use arrows (if needed) to view and read all precautions.
7. Check the box confirming the precautions have been read.
8. Select Next.

9. If the screen in Figure 3B displays, select Automatic Selection(VIN).
   - If the screen in Figure 3B does not display, skip to step 10.
10. Make sure **VIN or Chassis #** matches the vehicle’s VIN.

11. Select **Confirm**.

12. Select **Confirm**.

![Figure 4B](image)

![Figure 5B](image)
13. Select **ABS**.

14. Select **Manual Configuration**.
   - **DO NOT** select Reprogramming.
15. Select the correct Type ID number.

- Refer to Table A below for the correct Type ID number for the vehicle you are working on.
- If needed, use scroll arrows to find the correct number.

**NOTE:** When a vehicle has only one configuration available, a list will not be displayed. Select Next (step 16), and C-III plus will select the correct configuration.

16. Select Next.

![Figure 8B](image-url)

**TABLE A**

<table>
<thead>
<tr>
<th>Model</th>
<th>Vehicle Options</th>
<th>TYPE ID #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Murano FWD</td>
<td>with Intelligent Cruise Control</td>
<td>47660 – 5AE2C</td>
</tr>
<tr>
<td>AWD</td>
<td>with Intelligent Cruise Control</td>
<td>47660 – 5AA2C</td>
</tr>
<tr>
<td>Murano Hybrid FWD</td>
<td>without Intelligent Cruise Control</td>
<td>47660 – 5AH2E</td>
</tr>
<tr>
<td></td>
<td>with Intelligent Cruise Control</td>
<td>47660 – 5AH4E</td>
</tr>
<tr>
<td>Murano Hybrid AWD</td>
<td>without Intelligent Cruise Control</td>
<td>47660 – 5AF2E</td>
</tr>
<tr>
<td></td>
<td>with Intelligent Cruise Control</td>
<td>47660 – 5AF4E</td>
</tr>
<tr>
<td>Maxima FWD</td>
<td>with Intelligent Cruise Control 18 inch</td>
<td>47660 – 4RB2B</td>
</tr>
<tr>
<td></td>
<td>wheels/tires</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with Intelligent Cruise Control 19 inch</td>
<td>47660 – 4RB5B</td>
</tr>
<tr>
<td></td>
<td>wheels/tires</td>
<td></td>
</tr>
</tbody>
</table>
17. Confirm the correct Type ID number is selected.

18. Select **OK**.

![Figure 9B](image)

19. Configuration is complete, select **End**.

![Figure 10B](image)
PARTS INFORMATION

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>MODEL</th>
<th>PART #</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS Control Unit</td>
<td>Murano (AWD)</td>
<td>47660 – 5AA1C</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Murano (FWD)</td>
<td>47660 – 5AE1C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Murano Hybrid (AWD)</td>
<td>47660 – 5AF1E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Murano Hybrid (FWD)</td>
<td>47660 – 5AH1E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maxima</td>
<td>47660 – 4RB1B</td>
<td></td>
</tr>
<tr>
<td>Brake Fluid (1)</td>
<td>N/A</td>
<td>999MP-A4100P</td>
<td>1</td>
</tr>
</tbody>
</table>

(1) Order this item through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621). Website order via link on dealer portal www.NNAnet.com and click on the "Maintenance Advantage" link.

NOTE: Old parts will be put on parts return. Dealer charge backs will occur if an ABS control unit is replaced incorrectly.

CLAIMS INFORMATION

Submit a “CM” line claim using the following claims coding:

<table>
<thead>
<tr>
<th>CAMPAIGN (“CM”) I.D.</th>
<th>DESCRIPTION</th>
<th>OP CODE</th>
<th>FRT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC482</td>
<td>Inspect anti-lock brake system (ABS) actuator serial number – OK Condition</td>
<td>PC4820</td>
<td>0.3 hrs.</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>CAMPAIGN (“CM”) I.D.</th>
<th>DESCRIPTION</th>
<th>OP CODE</th>
<th>FRT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC482</td>
<td>Inspect anti-lock brake system (ABS) actuator serial number – and Replace ABS Control Unit – Repair Condition</td>
<td>PC4821</td>
<td>2.6 hrs.</td>
</tr>
</tbody>
</table>