



RECALL CAMPAIGN BULLETIN

Reference:

NTB16-088b

Date:

January 12, 2017

VOLUNTARY SAFETY RECALL CAMPAIGN 2015 – 2017 MURANO AND 2016 – 2017 MAXIMA ABS ACTUATOR

This bulletin has been amended. Information has been added to park the vehicle outside and disconnect the 12 volt battery while the vehicle is waiting for service; and supply the customer with a rental car if the ABS actuator requires replacement and parts are not available.
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 there is a delay between vehicle arrival at the dealer and performance of the Service Procedure; park the vehicle outside away from other vehicles or structures, 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

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.

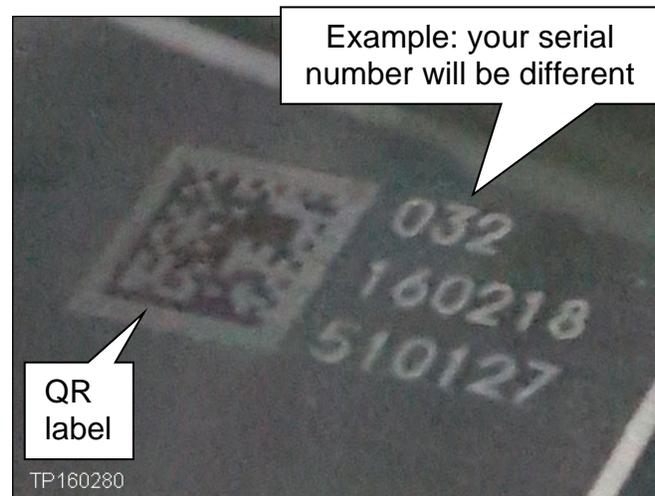


Figure 2A

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**.

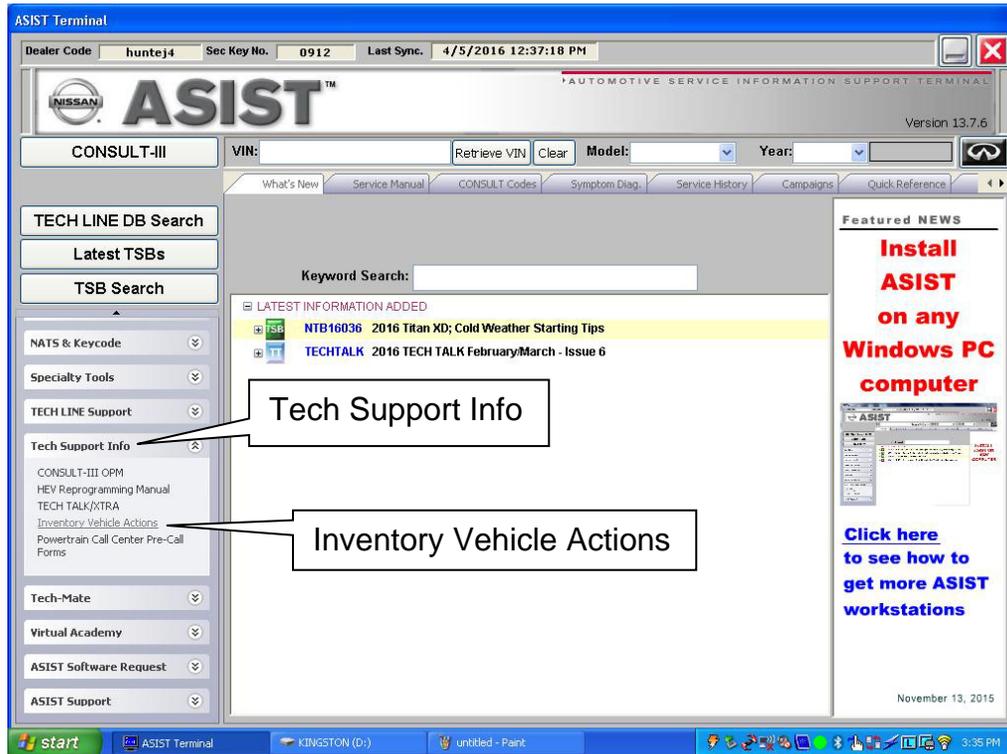


Figure 3A

6. Select **CLICK HERE** (PC482-ABS Actuator Inspection).

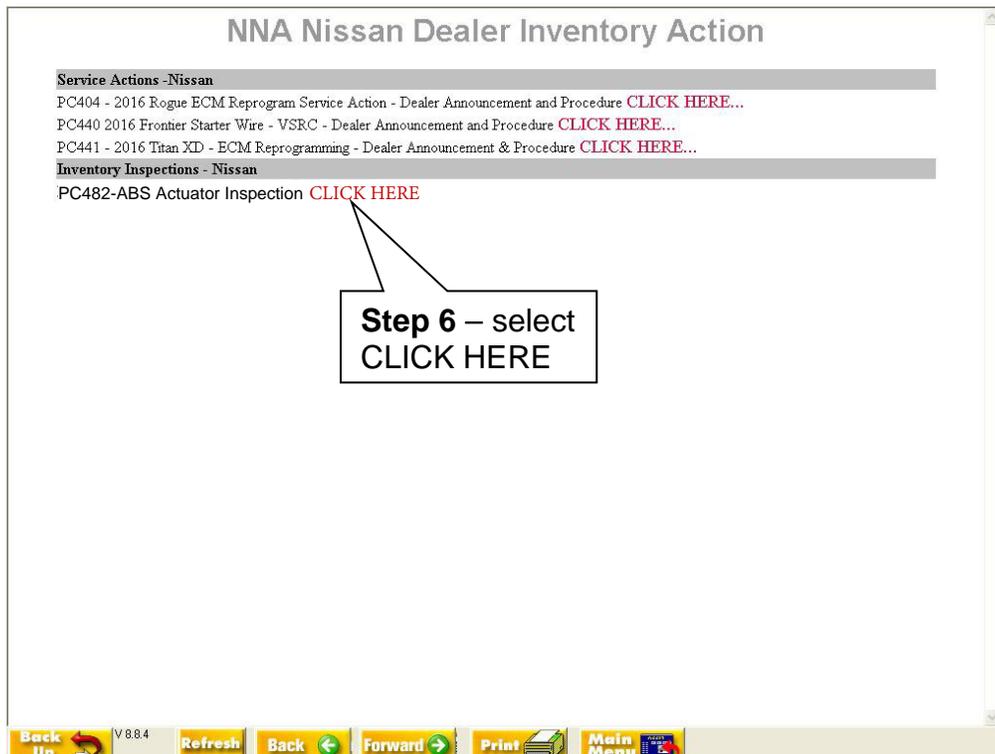


Figure 4A

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.

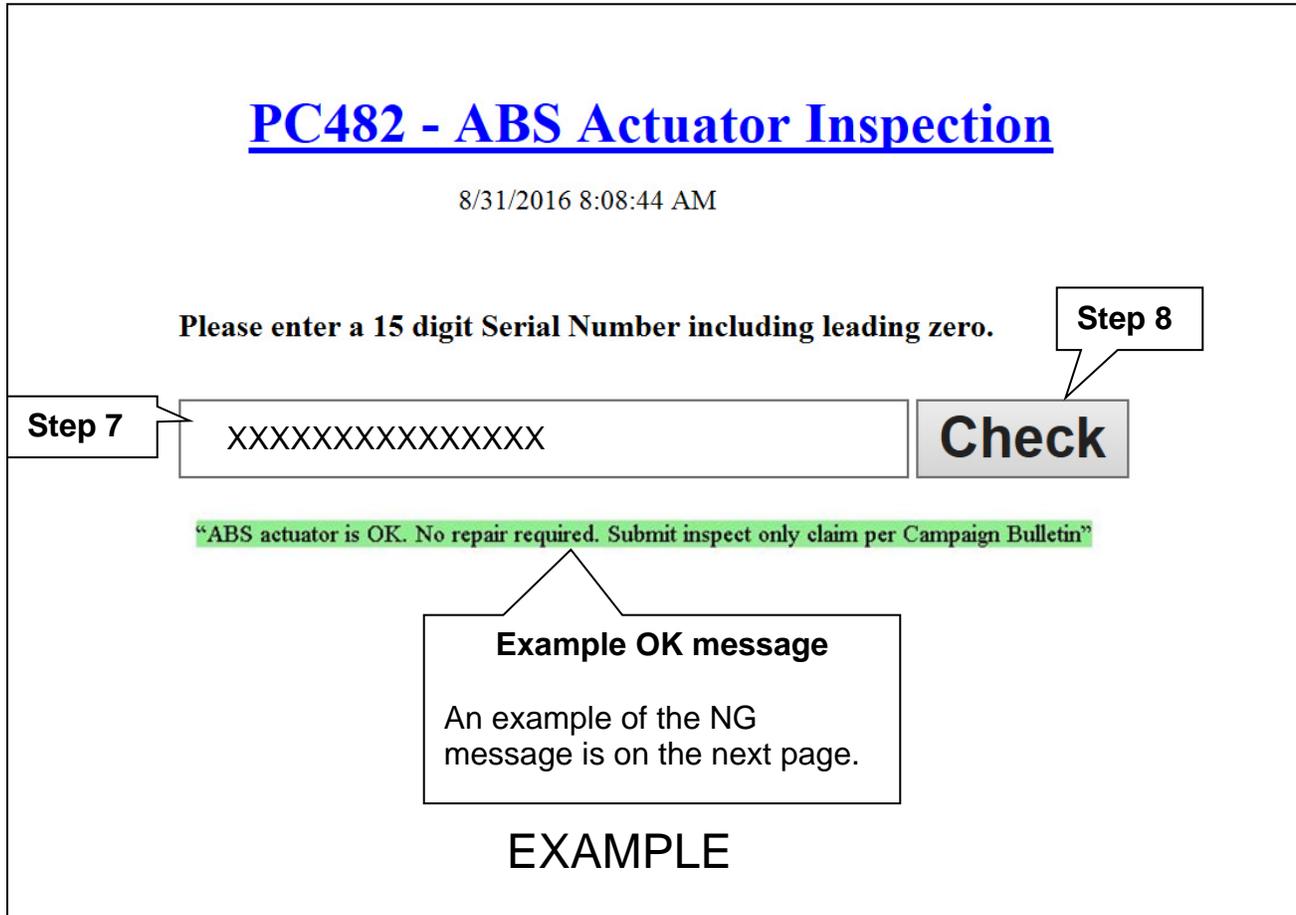


Figure 5A

IMPORTANT: If the ABS control unit (ABS Actuator) is OK per the check above, but the **ABS warning light is ON:**

- The vehicle should **not** be driven.
- Diagnose and repair under normal warranty, this campaign does not apply.
- If there is a delay between inspection and repair; park the vehicle outside away from other vehicles or structures, disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service.

- 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.

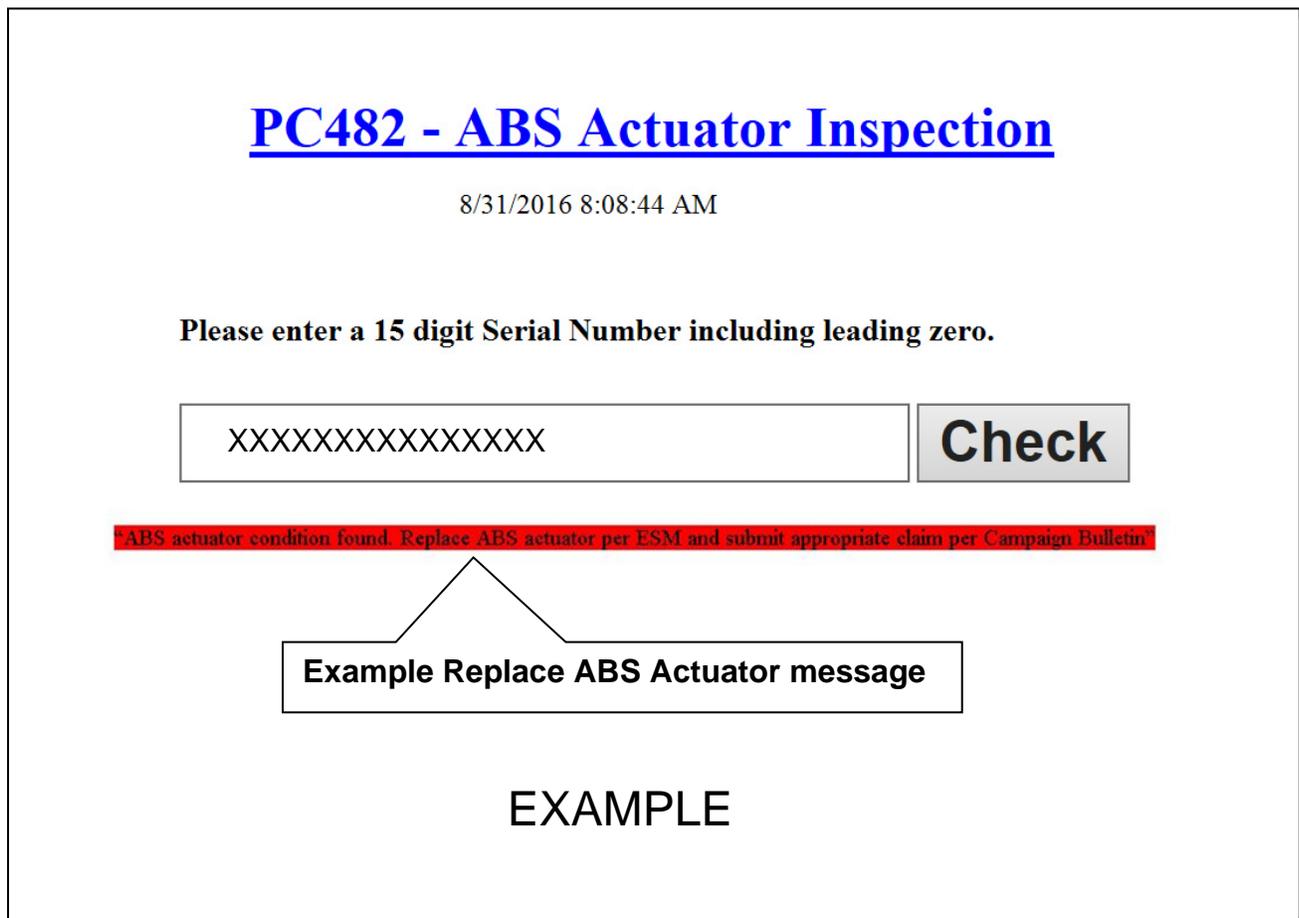


Figure 6A

IMPORTANT: If the ABS control unit (ABS Actuator) is NG:

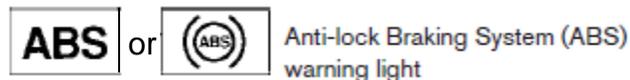
- The vehicle should **not** be driven.
- If parts are not available, provide the customer with a rental.
- If there is a delay between inspection and replacement of the ABS control unit; park the vehicle outside away from other vehicles or structures, disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service.

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

- If parts are not available, provide the customer with a rental.
- 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; park the vehicle outside away from other vehicles or structures, 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 7 through 12 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**.

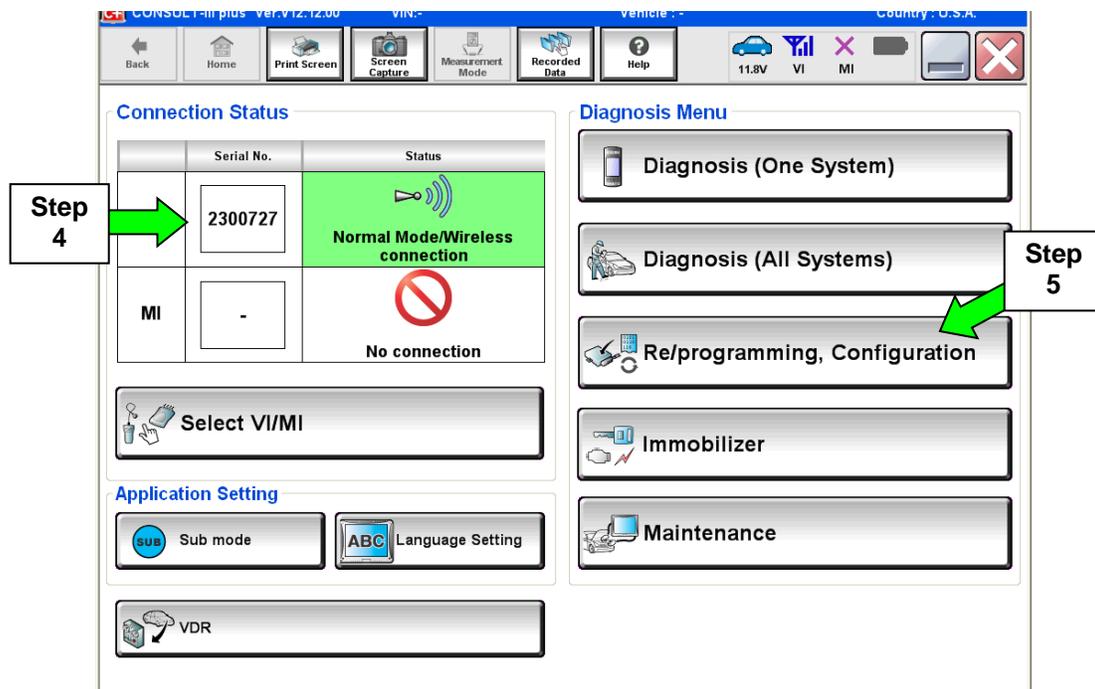


Figure 1B

6. Use arrows (if needed) to view and read all precautions.
7. Check the box confirming the precautions have been read.
8. Select **Next**.

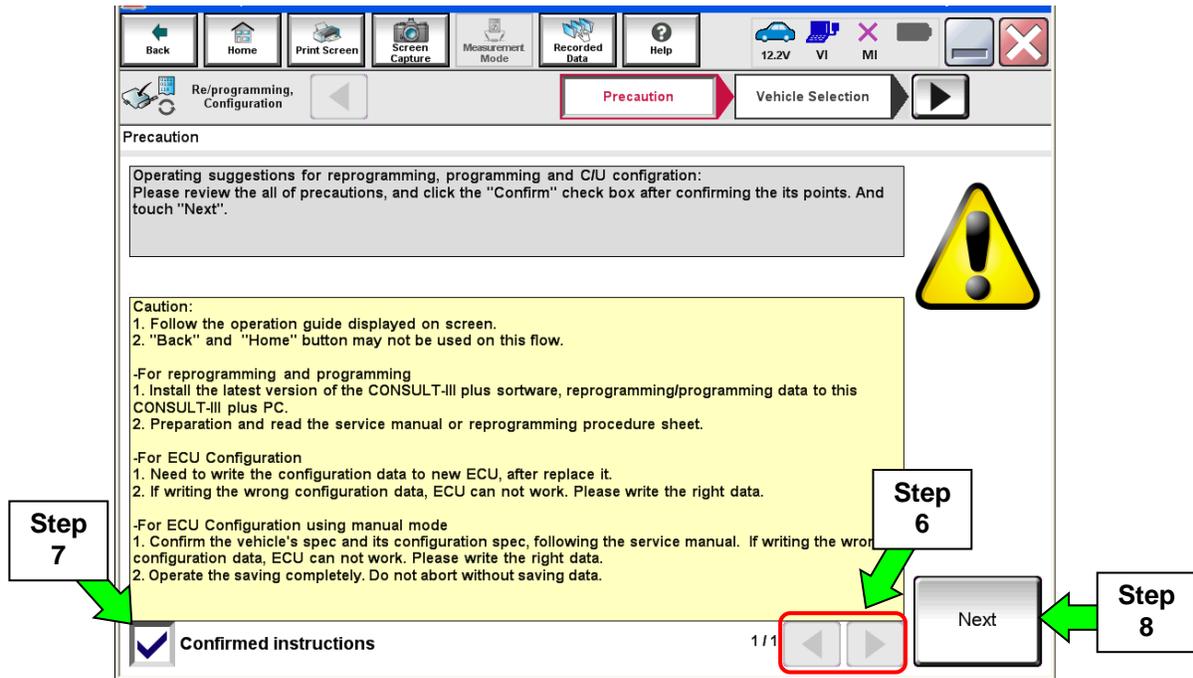


Figure 2B

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.

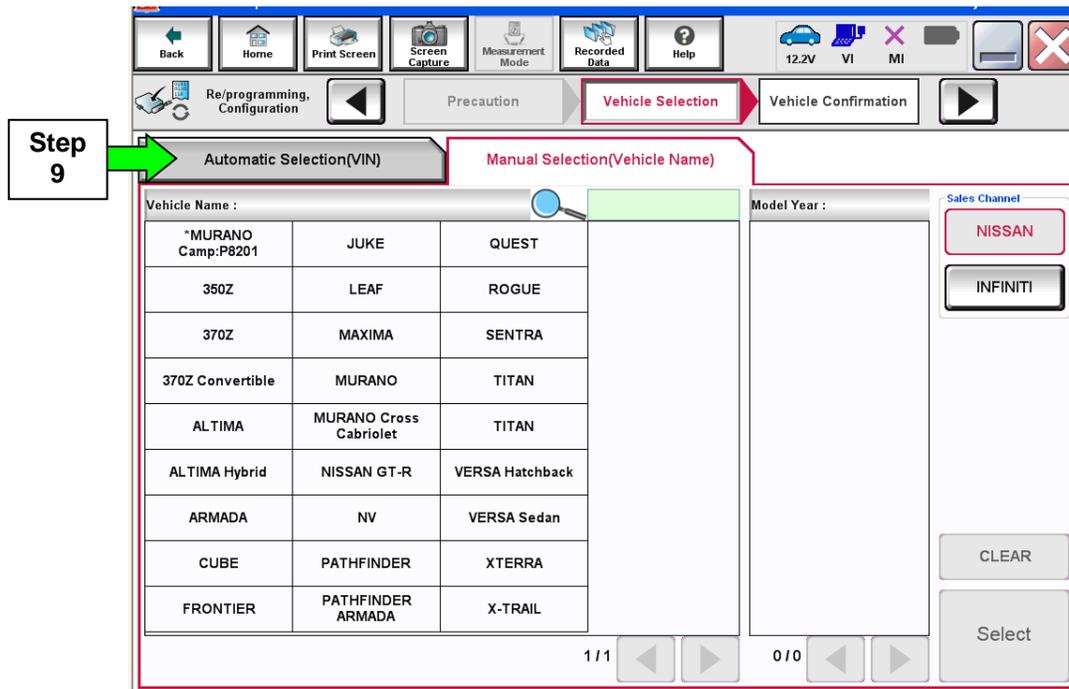


Figure 3B

10. Make sure **VIN or Chassis #** matches the vehicle's VIN.

11. Select **Confirm**.

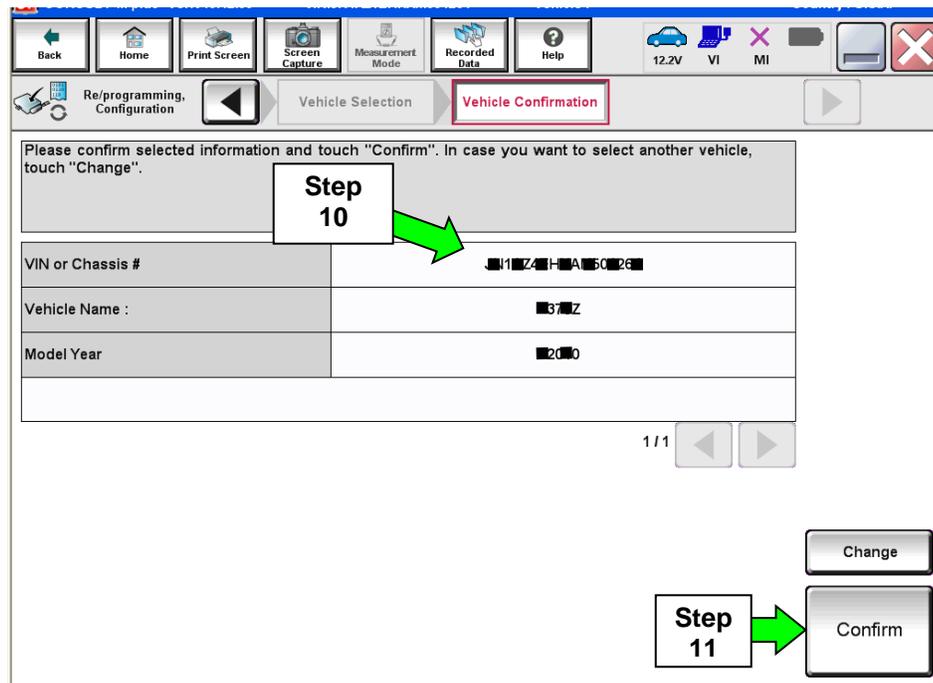


Figure 4B

12. Select **Confirm**.

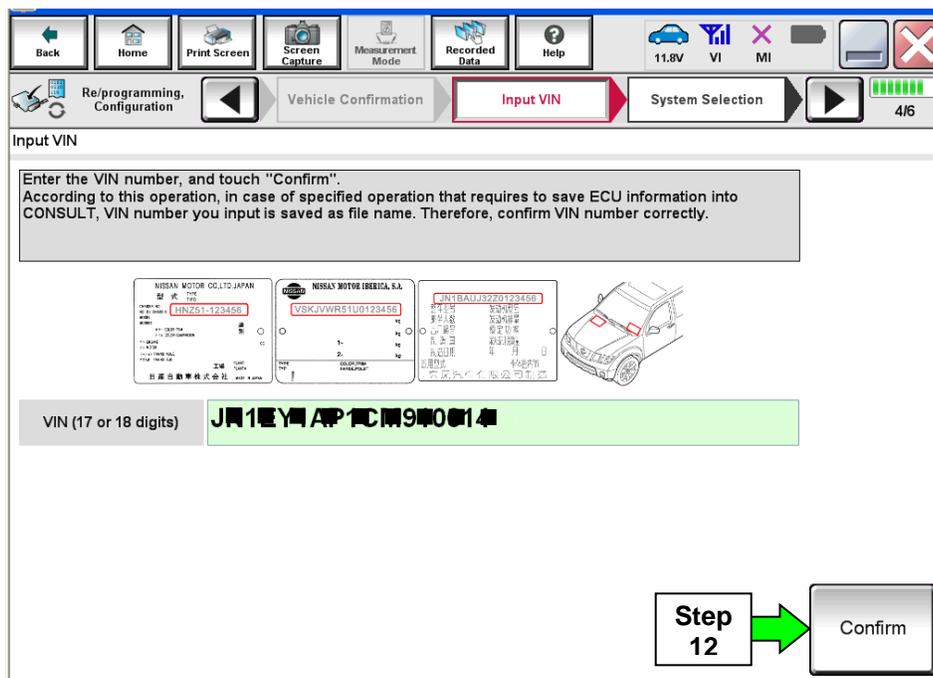


Figure 5B

13. Select **ABS**.

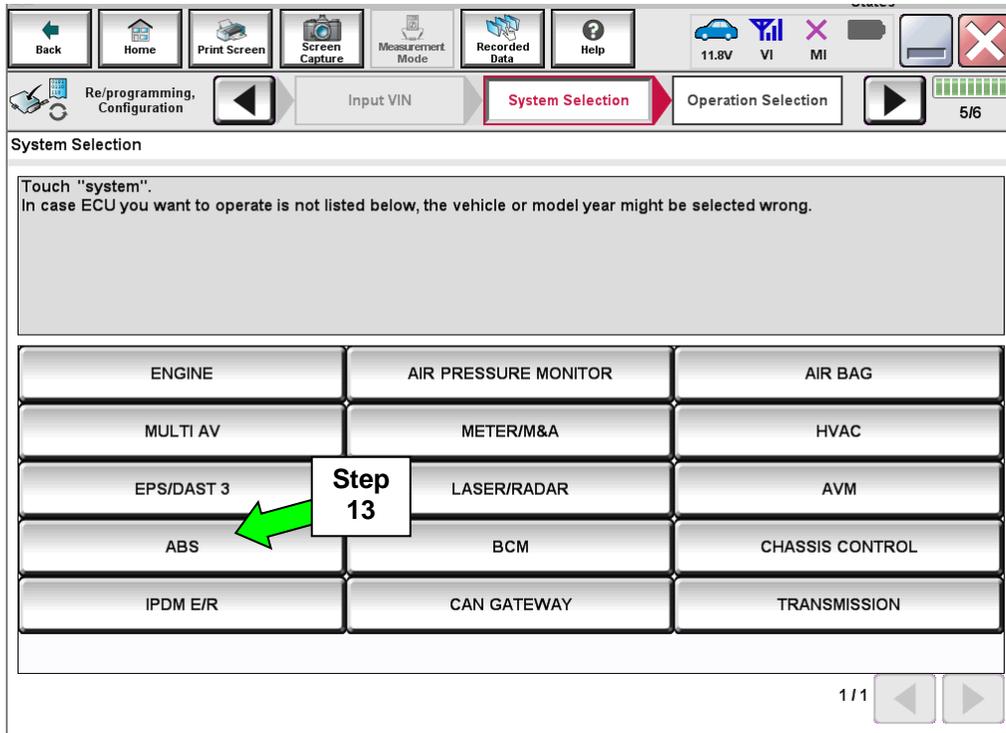


Figure 6B

14. Select **Manual Configuration**.

- **DO NOT** select Reprogramming.

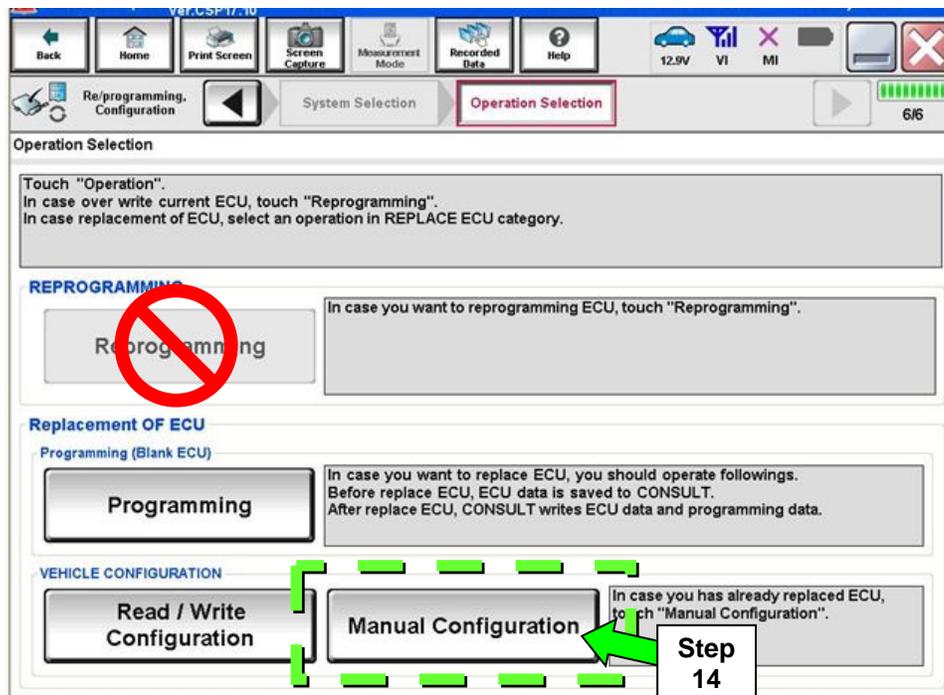


Figure 7B

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**.

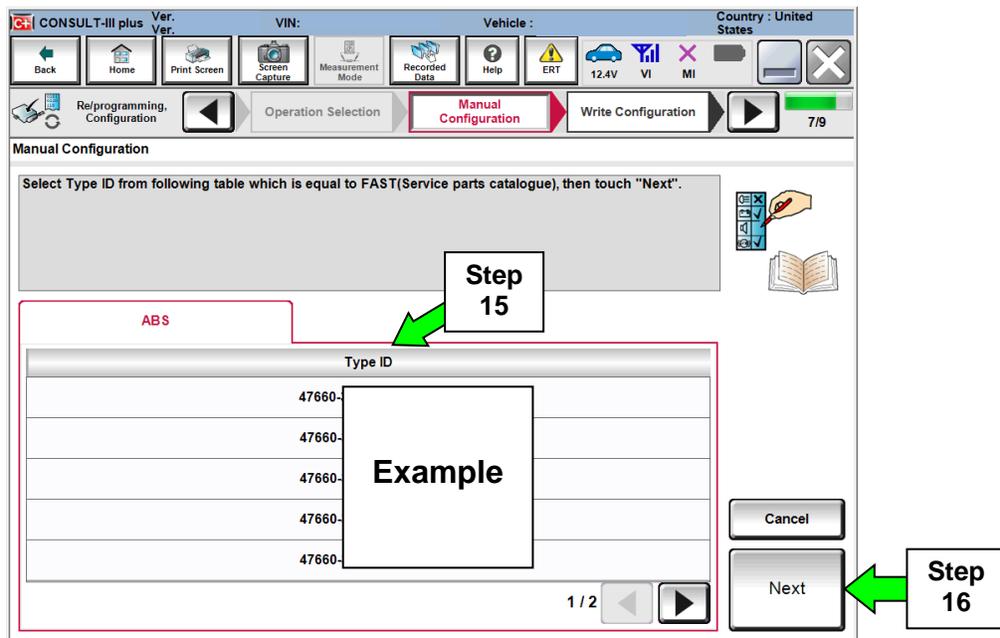


Figure 8B

TABLE A

Model	Vehicle Options		TYPE ID #
Murano	FWD	with Intelligent Cruise Control	47660 – 5AE2C
	AWD	with Intelligent Cruise Control	47660 – 5AA2C
Murano Hybrid	FWD	<u>without</u> Intelligent Cruise Control	47660 – 5AH2E
		<u>with</u> Intelligent Cruise Control	47660 – 5AH4E
	AWD	<u>without</u> Intelligent Cruise Control	47660 – 5AF2E
		<u>with</u> Intelligent Cruise Control	47660 – 5AF4E
Maxima	FWD	with Intelligent Cruise Control	18 inch wheels/tires 47660 – 4RB2B
			19 inch wheels/tires 47660 – 4RB5B

17. Confirm the correct Type ID number is selected.

18. Select **OK**.

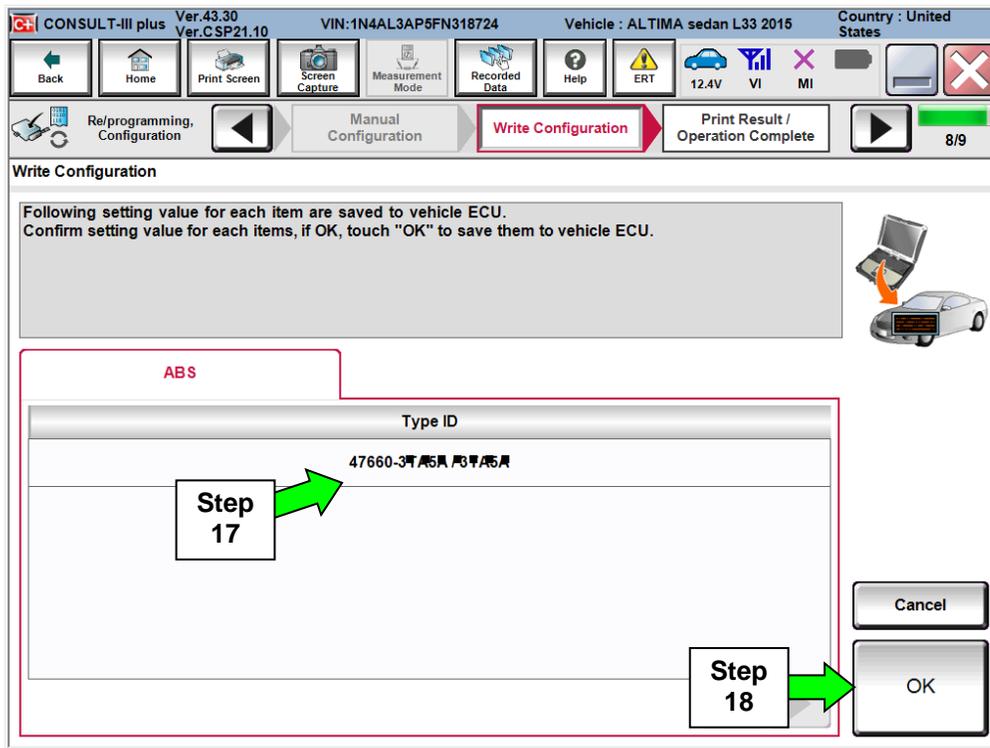


Figure 9B

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

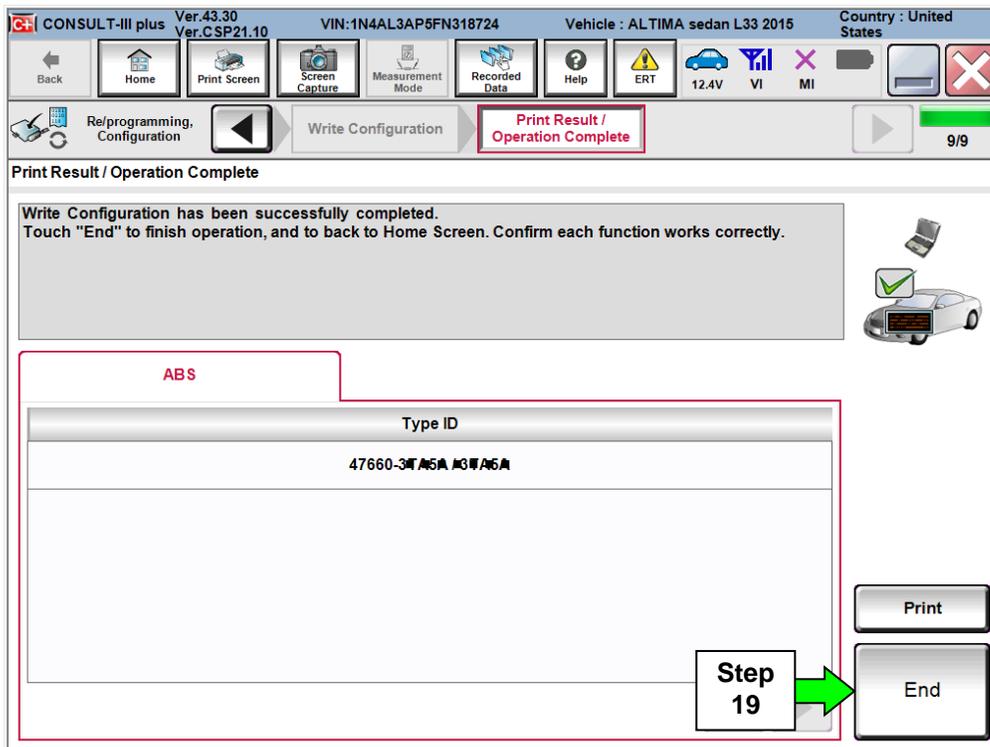


Figure 10B

PARTS INFORMATION

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

(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:

CAMPAIGN (“CM”) I.D.	DESCRIPTION	OP CODE	FRT
PC482	Inspect anti-lock brake system (ABS) actuator serial number – OK Condition	PC4820	0.3 hrs.

OR

CAMPAIGN (“CM”) I.D.	DESCRIPTION	OP CODE	FRT
PC482	Inspect anti-lock brake system (ABS) actuator serial number – and Replace ABS Control Unit – Repair Condition	PC4821	2.6 hrs.