



Innovation that excites

# SAFETY RECALL

# CAMPAIGN BULLETIN

OCS ECU Replacement  
Voluntary Safety Recall Campaign

Reference: PC523 & PC526  
Date: December 20, 2016

Attention: Dealer Principal, Sales, Service & Parts Managers

**IMPORTANT:** It is a violation of Federal law for retailers to sell or deliver vehicles in their inventory covered by this notification until the campaign action is performed.

| Affected Models/Years: | Affected Population: | Dealer Inventory: | SERVICE COMM Activation date:    | Stop Sale In Effect |
|------------------------|----------------------|-------------------|----------------------------------|---------------------|
| MY2016 Maxima (A36)    | 90                   | 1                 | December 20 <sup>th</sup> , 2016 | <b>YES</b>          |
| MY2013-15 Altima (L33) | 483                  | NA                |                                  |                     |
| MY2015-16 Rogue (T32)  | 184                  | 5                 |                                  |                     |

\*\*\*\*\* Campaign Summary \*\*\*\*\*

Nissan is committed to the safety and security of our customers and their passengers. Nissan has notified the National Highway Traffic Safety Administration (NHTSA) that it is conducting a Voluntary Safety Recall Campaign on a limited number of MY2013-15 Nissan Altima, MY2015-16 Nissan Rogue, and MY2016 Nissan Maxima vehicles to replace the Occupant Classification System (OCS) Electronic Control Unit (ECU) with a new unit.

Due to supplier labelling error that has since been corrected, an incorrect OCS ECU module may have been installed in the front passenger seat of some of the affected vehicles, resulting in the incorrect pairing of ECU-to-seat. With this configuration, the OCS may not perform as designed due to software incompatibility and may not classify a seated front passenger seat occupant correctly. This could cause the passenger airbag to not deploy as designed in a crash, increasing the risk of injury.

Owners of affected vehicles will be notified within sixty (60) days asking them to bring their vehicle to an authorized Nissan retailer to have their vehicle’s OCS ECU replaced.

\*\*\*\*\* What Dealers Should Do\*\*\*\*\*

- Verify if vehicles are affected by these Voluntary Safety Recall Campaigns using the following Service Comm I.Ds:
  - > **PC523 - Altima and Maxima**
  - > **PC526 - Rogue**
    - **New vehicles in dealer inventory can be also be identified using DCS (Sales-> Vehicle Inventory, and filter by Open Campaign).**
      - Refer to NPSB 15-460 for additional information

**Note:** If a vehicle is affected by both **R1609 and PC523 or PC526** and the **R1609** remedy **has not yet been performed**, campaign PC523 or PC526 should be performed first.

- Dealers should not sell, lease, trade, rent or loan any vehicles in dealer inventory affected by this recall campaign until after the vehicle has been repaired.
- Dealers will use the procedure included with this announcement to replace the OCS control unit with the correct service part and reprogram with the latest OCS software.

4. If a retailed vehicle affected by these campaign ID visits the dealer for service, the dealer should inform the customer about the recall campaign and communicate that parts may need to be ordered. Rental is covered under the campaign if parts need to be ordered.

| EXPENSE CODE  | DESCRIPTION    |             |
|---|----------------|-------------|
| 502   | Rental Expense | \$400 (Max) |
| Contact the Warranty claims call center 1-800-258-7008 Option 7, if additional expense is required. |                |             |

\*\*\*\*\* Release Schedule \*\*\*\*\*

|                           |   |
|---------------------------|---|
| <b>Parts</b>              | <ul style="list-style-type: none"> <li>Parts for this campaign are currently restricted and may be ordered via the DCS ordering tool.</li> <li>Pursuant to APRM policy 2.33.13, dealers are expected to comply with the parts return procedure. <b>Dealers will be charged back for parts and labor found to be out of compliance with inspection and repair guidelines.</b></li> <li><b>NOTE: Parts requested are VIN and repair order specific. It is important for dealers to return parts applicable to the VIN and repair order identified.</b></li> </ul> |
| <b>Repair</b>             | <ul style="list-style-type: none"> <li>Campaign TSBs are currently under development and will be the subject of a future announcement</li> <li>Please use the remedy procedure included with this announcement to remedy vehicles in dealer inventory as well as any affected retail vehicles</li> </ul>  |
| <b>Owner Notification</b> | Nissan will begin notifying owners of all potentially affected vehicles within sixty (60) days via U.S. Mail.   |

\*\*\*\*\* Dealer Responsibility \*\*\*\*\*

It is the dealer's responsibility to check Service Comm using the appropriate Campaign I.D. 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 dealer inventory. If a VIN subject to this recall campaign was part of a dealer trade, the letter associated with that VIN should be forwarded to the appropriate dealer for service completion.

**NISSAN NORTH AMERICA, INC.**  
Aftersales DIVISION

**Frequently Asked Questions (FAQ):**

**Q. Is this a safety recall?**

A. Yes, a Stop Sale is in effect.

**Q. What is the reason for safety recall?**

A. Due to supplier labelling error that has since been corrected, an incorrect OCS ECU module may have been installed in the front passenger seat of some of the affected vehicles, resulting in the incorrect pairing of ECU-to-seat.

**Q. What is the possible effect of the condition?**

A. With this configuration, the OCS may not perform as designed due to software incompatibility and may not classify a seated front passenger seat occupant correctly. This could cause the passenger airbag to not deploy as designed in a crash, increasing the risk of injury.

**Q. What will be the corrective action for this voluntary safety recall campaign?**

A. For affected vehicles, Nissan dealers will replace the Occupant Classification System (OCS) Electronic Control Unit (ECU) and reprogram it with the latest OCS software at no cost to you for parts and labor.

**Note:** If a vehicle is affected by both **R1609 and PC523 or PC526** and the **R1609** remedy has not yet been performed, campaign PC523 or PC526 should be performed first.

**Q. How long will the corrective action take?**

A. The remedy should take less than one (1) hour to complete. However, the Nissan dealer may require a longer period of time based upon their work schedule. All services will be provided at no cost to the customer for parts and labor.

**Q. When will vehicle owners be notified?**

A. Nissan will begin notifying owners of all potentially affected vehicles within sixty (60) days via U.S. Mail. Owners will be asked to bring their vehicle to an authorized Nissan dealer to have the Occupant Classification System (OCS) Electronic Control Unit (ECU) replaced and reprogrammed.

**Q. Are parts readily available?**

A. Parts are available via the DCS ordering tool under PC523 or PC526. Please refer to **NPSB 16-526** for specific ordering instructions.

**Q. Is my vehicle safe to drive?**

A. Owners may drive the vehicle at their discretion. However, if the vehicle is subject to the recall, you should make arrangements to have your vehicle remedied as soon as possible.

**Q. Will a rental vehicle be provided while the dealer is servicing the vehicle?**

A. If parts are required, rental is covered by the campaign while parts are on order:

| EXPENSE CODE  |                | DESCRIPTION |
|---|----------------|-------------|
| 502   | Rental Expense | \$400 (Max) |
| Contact the Warranty claims call center 1-800-258-7008 Option 7, if additional expense is required. |                |             |

**Q. I have lost confidence in the vehicle. Will Nissan replace or repurchase the vehicle?**

A. The repair will fully correct this condition. As the condition will be corrected, there is no basis for repurchasing or replacing your vehicle.

**Q. Is there anything owners can do to mitigate the condition?**

A. No.

**Q. Is there any charge for the repair?**

A. No, the repair will be performed for the customer free of charge for parts and labor.

**Q. Will I have to take my vehicle back to the selling dealer to have the service performed?**

A. No, any authorized Nissan dealer is able to perform the recall campaign.

**For Consumer Affairs:** Please inform us of the dealer where you would like to have the corrective action completed.

**Q. What model year vehicles are involved?**

A. Certain MY2013-15 Nissan Altima, MY2015-16 Nissan Rogue, and MY2016 Nissan Maxima vehicles within a specific production range are affected.

**Q. How many vehicles are involved in the campaign?**

A. The North American Market is affected as follows:

| <b>Region</b> | <b>Maxima</b> | <b>Altima</b> | <b>Rogue</b> | <b>Total</b> |
|---------------|---------------|---------------|--------------|--------------|
| USA           | 90            | 483           | 184          | 757          |
| CANADA        | 5             | 9             | 0            | 14           |
| <b>Total</b>  | <b>95</b>     | <b>492</b>    | <b>184</b>   | <b>771</b>   |

| <b><u>Make/Model</u></b> | <b><u>Dates of Manufacture</u></b>       |
|--------------------------|--|
| MY2016 Nissan Maxima     | June 4, 2015 through August 19, 2016     |
| MY2013-15 Nissan Altima  | January 3, 2013 through July 29, 2015    |
| MY2015-16 Nissan Rogue   | October 14, 2014 through August 12, 2016 |

**Q. Are you experiencing this condition on any other Nissan (or Infiniti) models?**

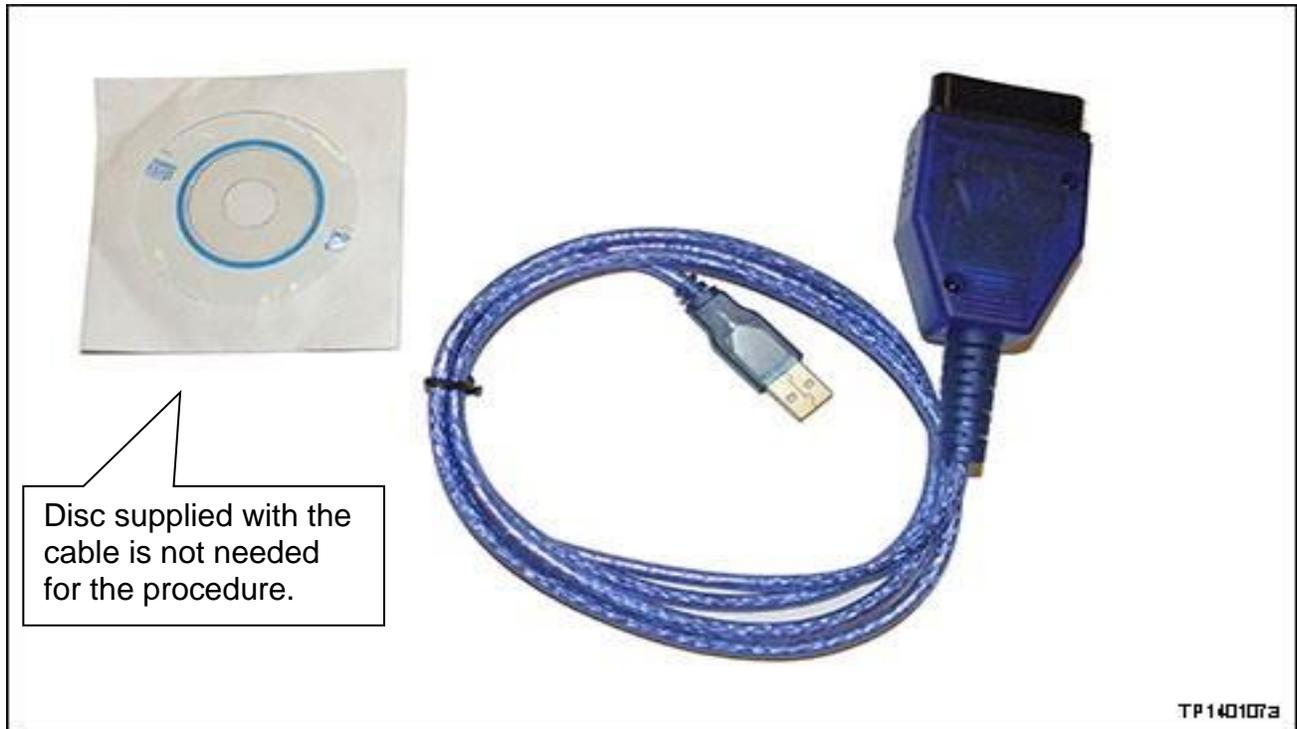
A. No.



# PC523 – ALTIMA (L33) – MAXIMA (A36) OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT REPLACEMENT AND REPROGRAMMING

## CAMPAIGN INFORMATION

### REQUIRED SPECIAL TOOL J-51594 (OCS Reprogramming Cable)



- One J-51594 OCS reprogramming cable has been supplied to each dealer. Additional cables can be obtained from Tech-Mate at 1-800-662-2001.

#### NOTE:

- The Service Procedure in this bulletin uses CONSULT-III plus to reprogram the Airbag Diagnostic Sensor Unit and the Occupant Classification System (OCS) control unit.

## **REPAIR OVERVIEW**

1. Replace Occupant Classification System Control Unit
2. Reprogram OCS control unit.
3. Complete R1609 (NTB16-052b) IF still open in Service Comm.

## SERVICE PROCEDURE

1. Turn the ignition ON, Engine OFF.
2. Write down the radio settings.

| Presets | 1      | 2 | 3       | 4 | 5    | 6               |
|---------|--------|---|---------|---|------|-----------------|
| AM      |        |   |         |   |      |                 |
| FM 1    |        |   |         |   |      |                 |
| FM 2    |        |   |         |   |      |                 |
| SAT 1   |        |   |         |   |      |                 |
| SAT 2   |        |   |         |   |      |                 |
| SAT 3   |        |   |         |   |      |                 |
| Bass    | Treble |   | Balance |   | Fade | Speed Sen. Vol. |

3. **If equipped**, write down the customer preferred setting for the Automatic Air Conditioning System.
  - If needed, refer to System Settings in the HAC section of the Electronic Service Manual (ESM).
4. Turn the vehicle OFF.
5. Select the correct OCS control unit (OCS ECU) from Parts Information and confirm that the pin count is the same as the OCS control unit being replaced, See chart on Page 14.
6. Replace the Occupant Classification System Control Unit (OCS ECU). Refer to the ESM section, **SR – SRS Airbag** for replacement of the Occupant Classification System Control Unit.
7. 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.
  - Look in the PG section index for **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**.
  - This list often includes items such as radio, power windows, clock, sunroof, etc.
8. Proceed to next steps.

## Preparing the Vehicle for Reprogramming

### CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. If the vehicle battery voltage goes below 12.0V or above 15.5V during reprogramming, the Occupant Classification System Control Unit (OCS ECU) may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the OCS ECU may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the OCS ECU may be damaged.

1. **Make sure ASIST has been synchronized to the current date and all updates have been installed.**

**NOTE:** The PC automatically gets applicable reprogramming software during ASIST synchronization.

2. Open the vehicle hood, connect GR8 and set to ECM Power Supply Mode.
3. Proceed to OCS Control Unit Reprogram steps on the next pages.

## OCS Control Unit Reprogram

**NOTE:** In this Service Procedure, OCS is sometimes referred to as ODS.

1. Install the driver for the J-51594 OCS reprogramming cable as follows:
  - a. Keep the PC connected to the internet.
  - b. Connect the J-51594 OCS reprogramming cable to the PC USB port.
  - c. Wait 1 minute, the drivers will install automatically.

**NOTE:** Step 1 above is only required the first time this procedure is performed. It is recommended that it be performed at the beginning of each day to confirm you have the latest software installed in your PC.

2. Turn the ignition ON, engine OFF / not Ready and turn ON the hazard warning flasher lights (if not still ON).
3. Connect the J-51594 OCS reprogramming cable:
  - Connect to the vehicle's DLC connector and the PC USB port.
  - Make sure the cable is securely connected at both ends.
4. Prepare the vehicle for OCS Reprogramming as follows:
  - **Level the vehicle.**
  - **No objects on the passenger seat.**
  - **No occupants in the vehicle – including the servicing technician.**
  - PC is outside of the vehicle on a suitable support.
    - Do not set the PC on the vehicle.
  - Do not touch the vehicle during the OCS Reprogramming.
  - Minimize vibrations of the vehicle.

5. Open ASIST.
6. Select “R1608 & R1609 OCS Reprogram” on ASIST under Specialty Tools (Figure 11).

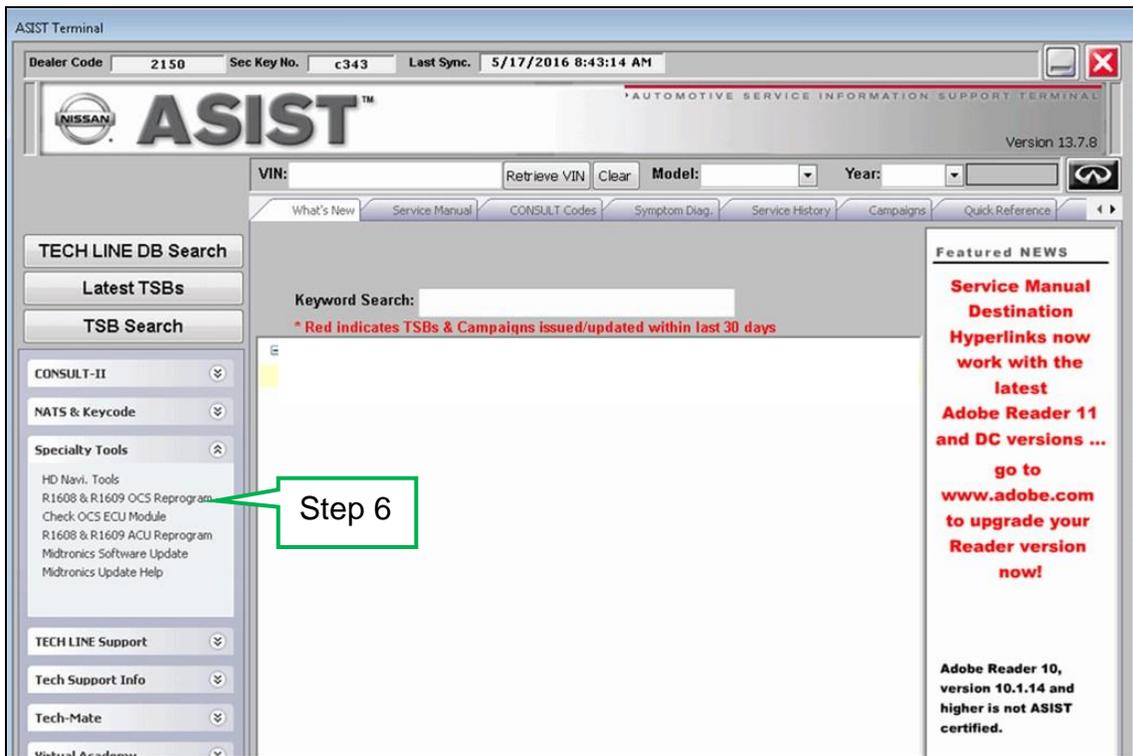


Figure 11

**NOTE:** If you get a black message screen as shown in Figure 12, this indicates that the reprogramming cable is not connected, or the cable driver did not install correctly.

- a. Close ODS Repro.
- b. Close ASIST.
- c. Start over from step 1 on page 5.

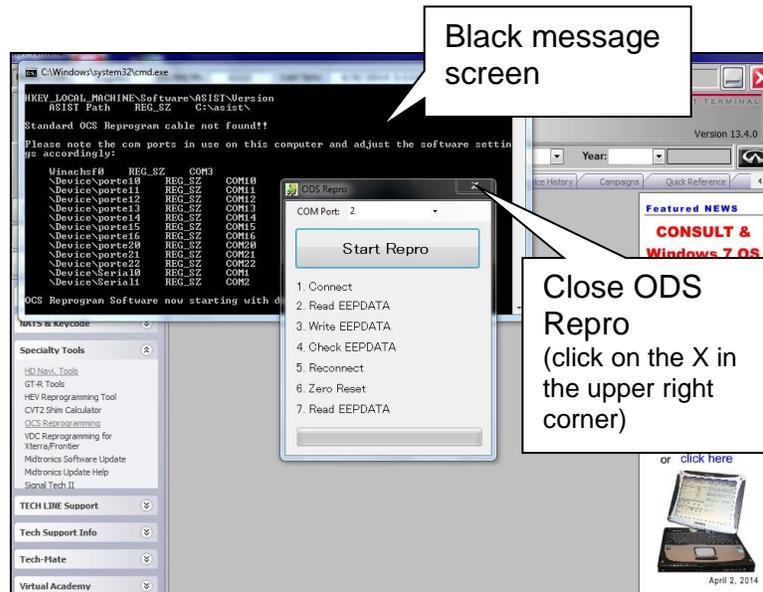


Figure 12

7. Select **Start Repro**.

**NOTE:** If the error message “an error occurred on connection” displays:

- a. Disconnect the J-51594 OCS reprogramming cable, both ends.
- b. Reconnect the cable; make sure it is securely connected at both ends.



Figure 13

8. Turn the ignition ON (engine OFF / not Ready).

9. Select **OK**.

- **After selecting OK in Figure 14, the OCS reprogramming will start.**

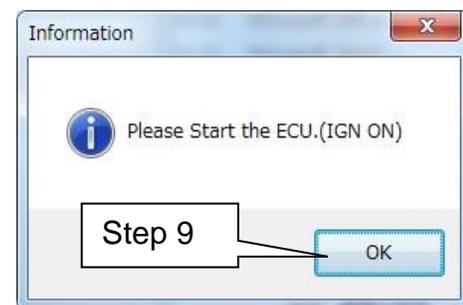


Figure 14

- Items 1 through 4 (Figure 15) will likely complete quickly.
- If the OCS reprogramming stops (displays NG) at item 1, 2, 3 or 4, refer to Figures 20 through 23 on pages 10 and 11.

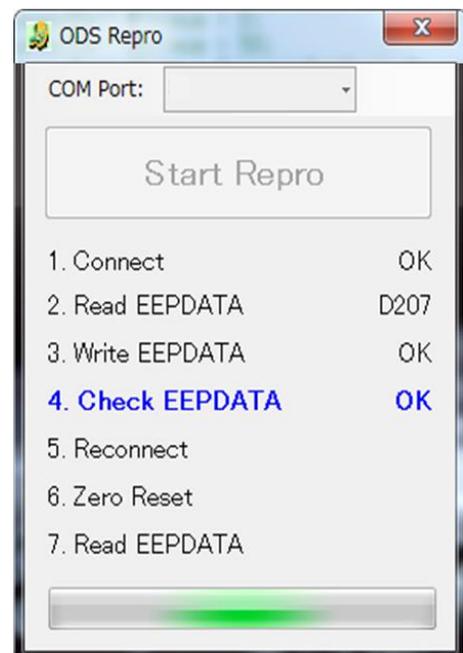


Figure 15

10. Cycle the ignition OFF > ON.

11. Select **OK**.

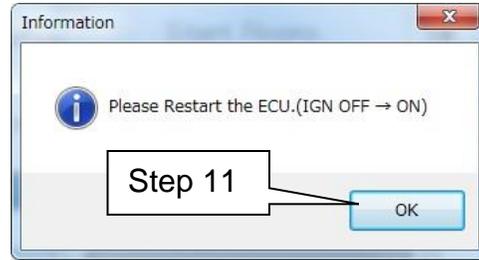


Figure 16

- After selecting OK in Figure 16, the OCS reprogramming will likely complete items 5 through 7 quickly (see "Complete" screen, Figure 18 below).
- If the OCS reprogramming stops (displays NG) at item 5, 6 or 7, refer to Figures 24 through 26 on pages 12 and 13.

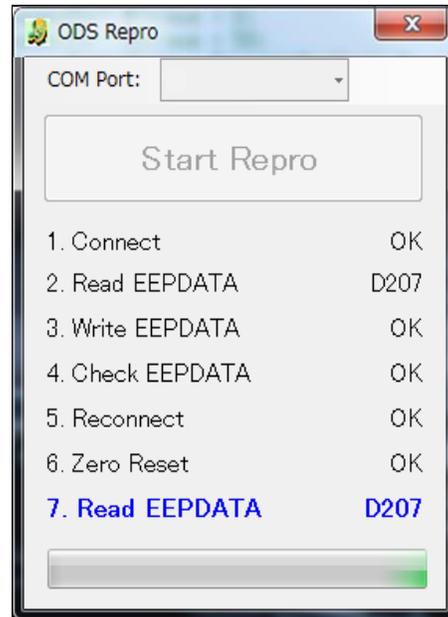


Figure 17

12 When this screen displays (Figure 18), OCS reprogramming is complete.

13. Select **OK**.



Figure 18

14. Close the program (click on the red X in the upper right corner).

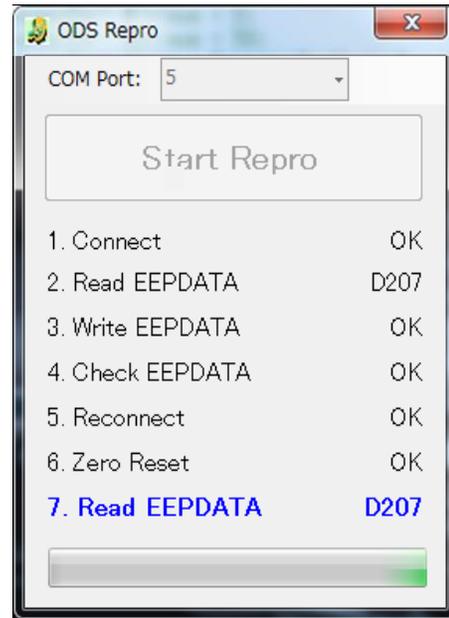


Figure 19

15. Turn the ignition OFF.

16. Disconnect the J-51594 OCS reprogramming cable.

17. Disconnect the GR8, turn hazards OFF.

18. Turn the ignition ON and observe the air bag warning light and the front passenger air bag status light:

- The air bag warning light  should illuminate for 7 seconds and then go out.
- The front passenger airbag status light  should illuminate for 7 seconds and then either stay illuminated or go out, depending on the occupation of the front passenger seat.

**NOTE:** If the air bag warning light or the front passenger airbag status light does not operate as described above, there may be an issue not covered by this campaign. Refer to ASIST and the appropriate ESM for additional diagnostic and repair information.

19. OCS Reprogramming is Complete

**NOTE:**

- Zero Point Reset was included in the reprogramming – it is not necessary to perform as a separate step.
- Figures 20 through 26 on pages 10 through 13 are provided as reference if the OCS reprogramming stops (displays NG) at one of the items (1-7).

20. Release the vehicle and submit a warranty claim using OP Code PC5230 (See Claim Information),

## APPENDIX

- #1 - If Connect indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

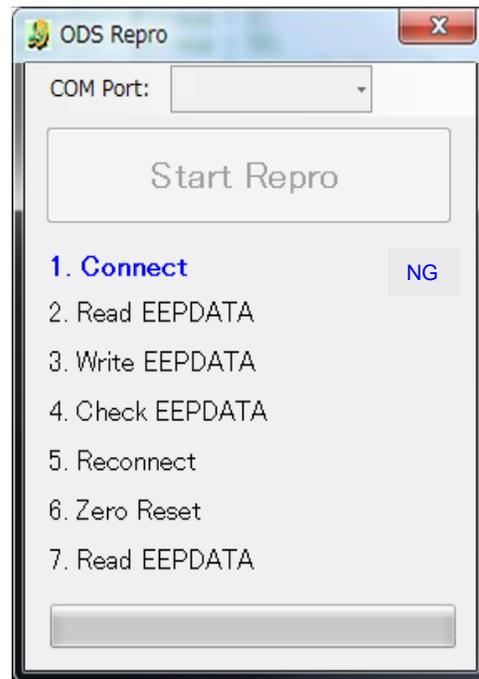


Figure 20

- #2 - If Read EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

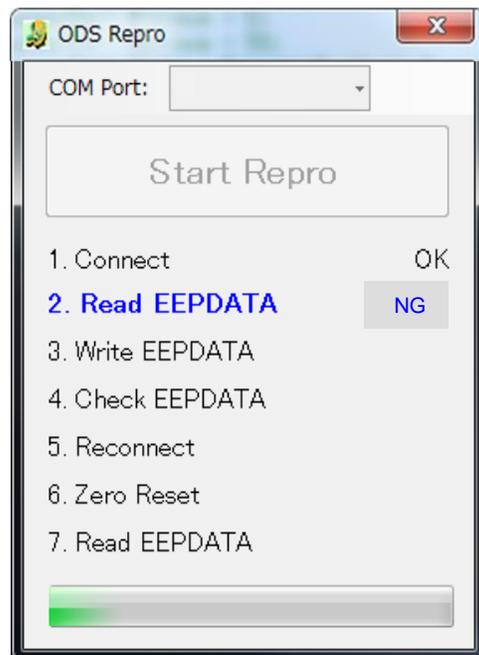


Figure 21

- #3 - If Write EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

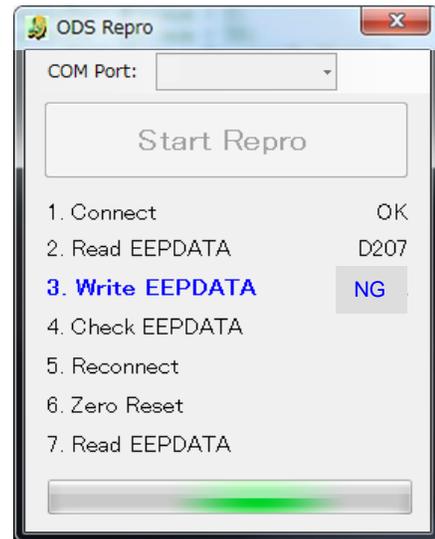


Figure 22

- #4 - If Check EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

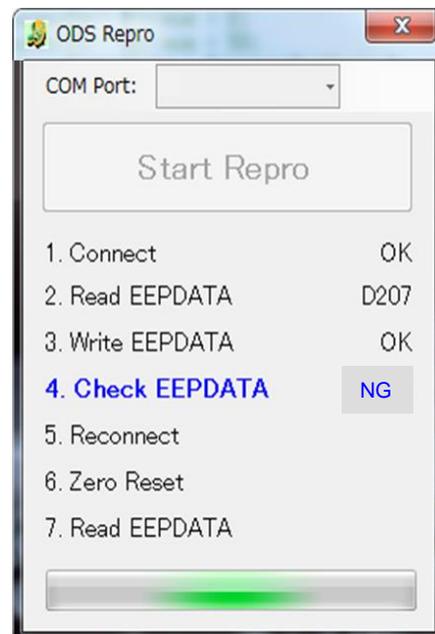


Figure 23

- #5 - If Reconnect indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

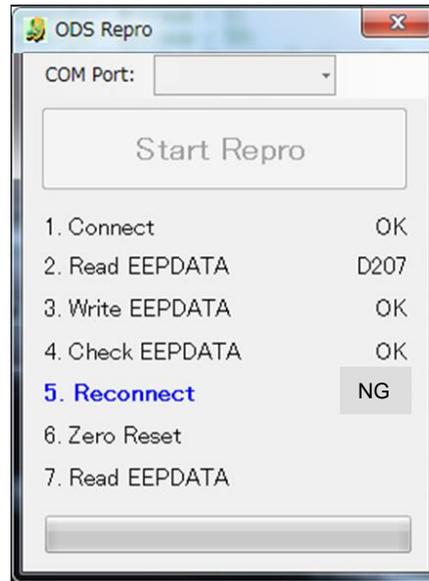


Figure 24

- #6 - If Zero Reset indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Cycle the ignition OFF > ON.
    - If needed, retry ignition OFF > ON 5 times.
  - c. If Zero Reset still indicates NG, close ODS Repro (click on the red X in the upper right corner), and restart from step 1 on page 5.

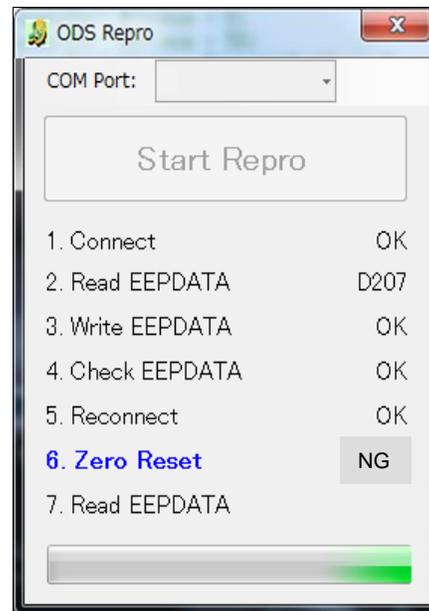


Figure 25

- #7 - If Read EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

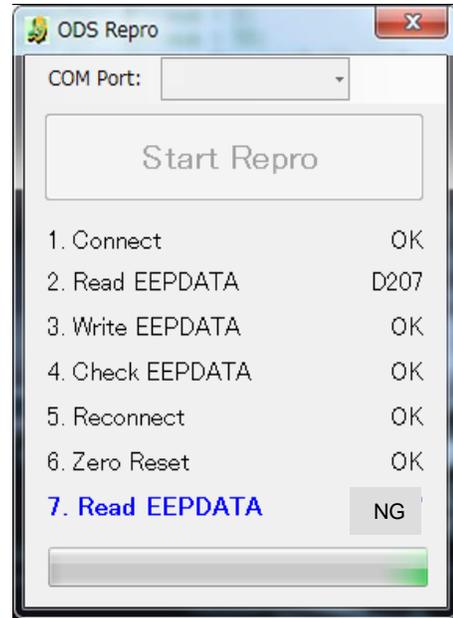


Figure 26

**PART INFORMATION**

**ALTIMA**

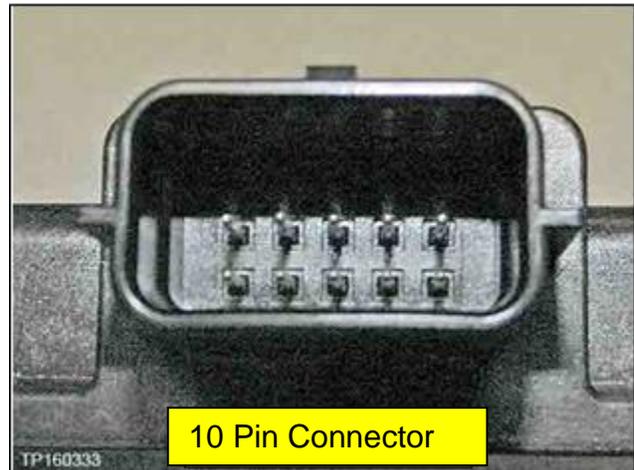
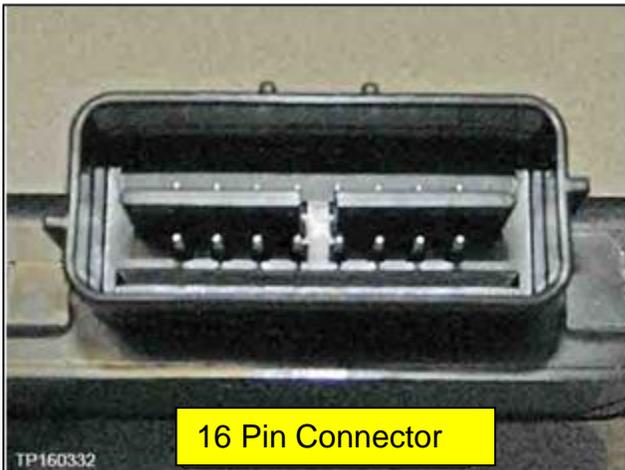
| MODEL YEAR AND DATE (MO/YR) | DESCRIPTION   | PART #                        | QUANTITY    |   |
|-----------------------------|---------------|-------------------------------|-------------|---|
| Altima                      | 05/12 – 01/14 | OCS ECU<br>(16 pin connector) | 98856-3TY0A | 1 |
|                             | 01/14 – 04/16 | OCS ECU<br>(10 pin connector) | 98856-9HN0A | 1 |

**MAXIMA**

| MODEL YEAR AND DATE (MO/YR) | DESCRIPTION | PART #                        | QUANTITY    |   |
|-----------------------------|-------------|-------------------------------|-------------|---|
| Maxima                      | 03/15 –CY   | OCS ECU<br>(16 pin connector) | 98856-4RB0A | 1 |

Confirm that the number of pins of the new part are the same as the original OCS Control Unit.

(See Figures below).



**CLAIMS INFORMATION**

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

Work Order Line Type: "CM" Campaign

Campaign: PC523

|  |                 |                       |
|--|-----------------|-----------------------|
| <b>Claim Type:</b>                     | CM              |                       |
| <b>PNC:</b>                            | PC523           |                       |
| <b>Symptom:</b>                        | ZZ              |                       |
| <b>Diagnosis:</b>                      | 99              |                       |
| <b>Description:</b>                    | <b>Op Codes</b> | <b>Flat Rate Time</b> |
| Replace OCS control unit and reprogram | PC5230          | 0.8H                  |



# PC526 – ROGUE (T32) OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT REPLACEMENT AND REPROGRAMMING

## CAMPAIGN INFORMATION

REQUIRED SPECIAL TOOL J-51594 (OCS Reprogramming Cable)



- One J-51594 OCS reprogramming cable has been supplied to each dealer. Additional cables can be obtained from Tech-Mate at 1-800-662-2001.

## NOTE:

- The Service Procedure in this bulletin uses CONSULT-III plus to reprogram the Airbag Diagnostic Sensor Unit and the Occupant Classification System (OCS) control unit.

## **REPAIR OVERVIEW**

1. Replace Occupant Classification System Control Unit
2. Reprogram OCS control unit.
3. Complete R1609 (NTB16-052b) IF still open in Service Comm.

## SERVICE PROCEDURE

1. Turn the ignition ON, engine OFF.
2. Write down the radio settings.

| Presets | 1      | 2 | 3       | 4    | 5               | 6 |
|---------|--------|---|---------|------|-----------------|---|
| AM      |        |   |         |      |                 |   |
| FM 1    |        |   |         |      |                 |   |
| FM 2    |        |   |         |      |                 |   |
| SAT 1   |        |   |         |      |                 |   |
| SAT 2   |        |   |         |      |                 |   |
| SAT 3   |        |   |         |      |                 |   |
| Bass    | Treble |   | Balance | Fade | Speed Sen. Vol. |   |

3. **If equipped**, write down the customer preferred setting for the Automatic Air Conditioning System.
  - If needed, refer to System Settings in the HAC section of the Electronic Service Manual (ESM).
4. Turn the vehicle OFF.
5. Select the correct OCS control unit (OCS ECU) from Parts Information and confirm that the pin count is the same as the OCS control unit being replaced, See chart on Page 14.
6. Replace the Occupant Classification System Control Unit (OCS ECU). Refer to the ESM section, **SR – SRS Airbag** for replacement of the Occupant Classification System Control Unit.
7. 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.
  - Look in the PG section index for **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**.
  - This list often includes items such as radio, power windows, clock, sunroof, etc.
8. Proceed to next steps.

## Preparing the Vehicle for Reprogramming

### CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. If the vehicle battery voltage goes below 12.0V or above 15.5V during reprogramming, the Occupant Classification System Control Unit (OCS ECU) may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the OCS ECU may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the OCS ECU may be damaged.

1. **Make sure ASIST has been synchronized to the current date and all updates have been installed.**

**NOTE:** The PC automatically gets applicable reprogramming software during ASIST synchronization.

2. Open the vehicle hood, connect GR8 and set to ECM Power Supply Mode.
3. Proceed to OCS Control Unit Reprogram steps on the next pages.

## OCS Control Unit Reprogram

**NOTE:** In this Service Procedure, OCS is sometimes referred to as ODS.

1. Install the driver for the J-51594 OCS reprogramming cable as follows:
  - a. Keep the PC connected to the internet.
  - b. Connect the J-51594 OCS reprogramming cable to the PC USB port.
  - c. Wait 1 minute, the drivers will install automatically.

**NOTE:** Step 1 above is only required the first time this procedure is performed. It is recommended that it be performed at the beginning of each day to confirm you have the latest software installed in your PC.

2. Turn the ignition ON, engine OFF / not Ready and turn ON the hazard warning flasher lights (if not still ON).
3. Connect the J-51594 OCS reprogramming cable:
  - Connect to the vehicle's DLC connector and the PC USB port.
  - Make sure the cable is securely connected at both ends.
4. Prepare the vehicle for OCS Reprogramming as follows:
  - **Level the vehicle.**
  - **No objects on the passenger seat.**
  - **No occupants in the vehicle – including the servicing technician.**
  - PC is outside of the vehicle on a suitable support.
    - Do not set the PC on the vehicle.
  - Do not touch the vehicle during the OCS Reprogramming.
  - Minimize vibrations of the vehicle.

5. Open ASIST.
6. Select “R1608 & R1609 OCS Reprogram” on ASIST under Specialty Tools (Figure 11).

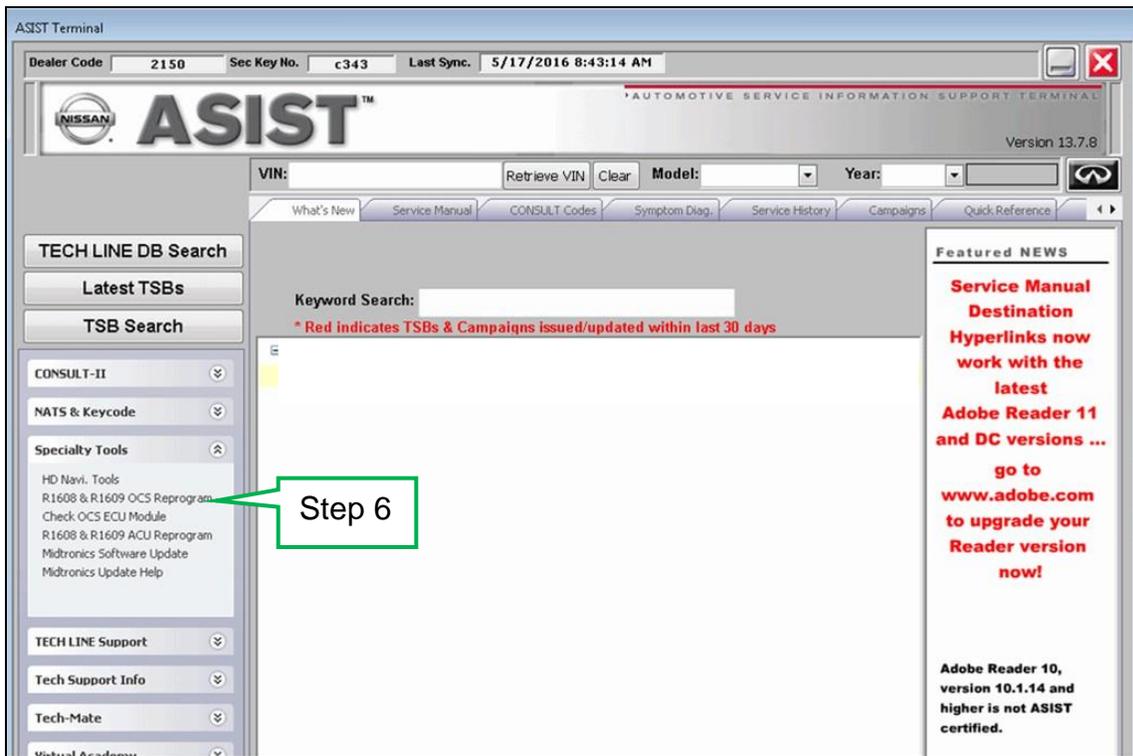


Figure 11

**NOTE:** If you get a black message screen as shown in Figure 12, this indicates that the reprogramming cable is not connected, or the cable driver did not install correctly.

- a. Close ODS Repro.
- b. Close ASIST.
- c. Start over from step 1 on page 5.

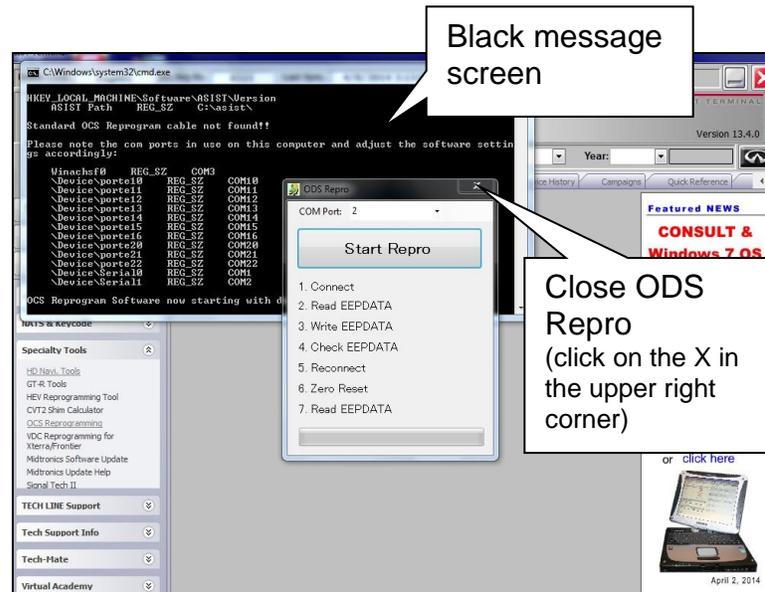


Figure 12

7. Select **Start Repro**.

**NOTE:** If the error message “an error occurred on connection” displays:

- a. Disconnect the J-51594 OCS reprogramming cable, both ends.
- b. Reconnect the cable; make sure it is securely connected at both ends.



Figure 13

8. Turn the ignition ON (engine OFF / not Ready).

9. Select **OK**.

- **After selecting OK in Figure 14, the OCS reprogramming will start.**

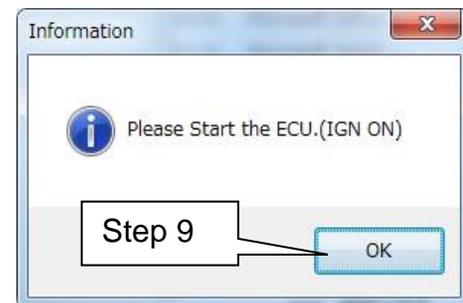


Figure 14

- Items 1 through 4 (Figure 15) will likely complete quickly.
- If the OCS reprogramming stops (displays NG) at item 1, 2, 3 or 4, refer to Figures 20 through 23 on pages 10 and 11.

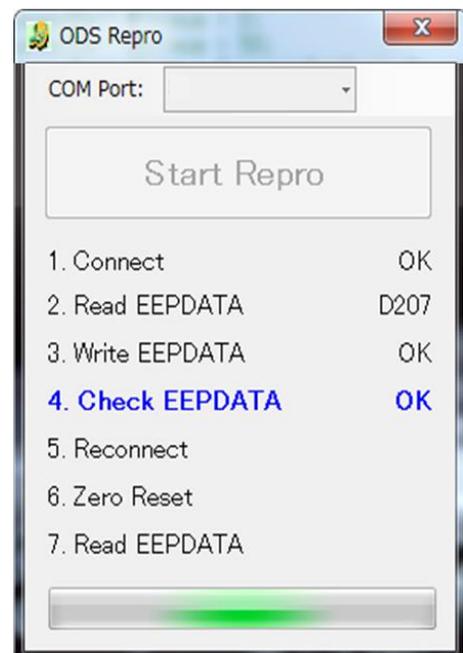


Figure 15

10. Cycle the ignition OFF > ON.

11. Select **OK**.

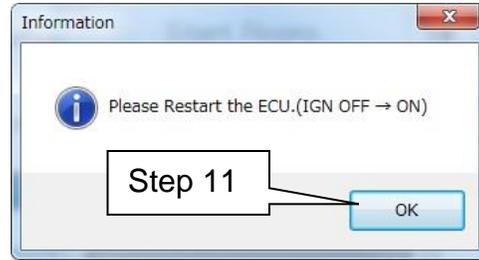


Figure 16

- After selecting OK in Figure 16, the OCS reprogramming will likely complete items 5 through 7 quickly (see "Complete" screen, Figure 18 below).
- If the OCS reprogramming stops (displays NG) at item 5, 6 or 7, refer to Figures 24 through 26 on pages 12 and 13.

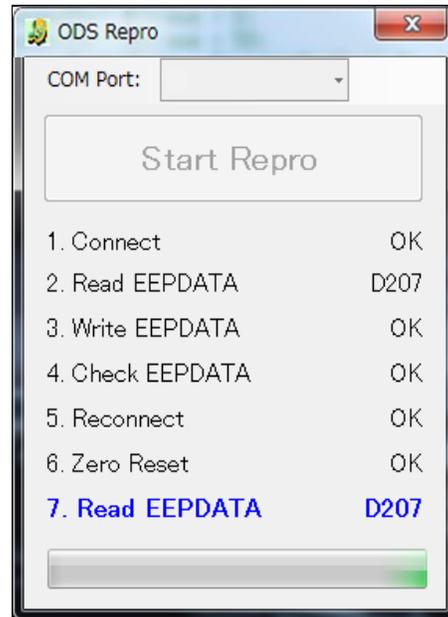


Figure 17

12 When this screen displays (Figure 18), OCS reprogramming is complete.

13. Select **OK**.



Figure 18

14. Close the program (click on the red X in the upper right corner).

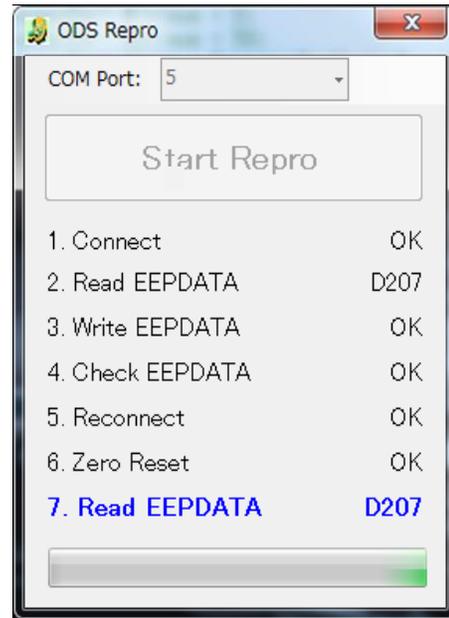


Figure 19

15. Turn the ignition OFF.

16. Disconnect the J-51594 OCS reprogramming cable.

17. Disconnect the GR8, turn hazards OFF.

18. Turn the ignition ON and observe the air bag warning light and the front passenger air bag status light:

- The air bag warning light  should illuminate for 7 seconds and then go out.
- The front passenger airbag status light  should illuminate for 7 seconds and then either stay illuminated or go out, depending on the occupation of the front passenger seat.

**NOTE:** If the air bag warning light or the front passenger airbag status light does not operate as described above, there may be an issue not covered by this campaign. Refer to ASIST and the appropriate ESM for additional diagnostic and repair information.

19. OCS Reprogramming is Complete

**NOTE:**

- Zero Point Reset was included in the reprogramming – it is not necessary to perform as a separate step.
- Figures 20 through 26 on pages 10 through 13 are provided as reference if the OCS reprogramming stops (displays NG) at one of the items (1-7).

20. Release the vehicle and submit a warranty claim using OP Code PC5260 (See Claim Information),

## APPENDIX

- #1 - If Connect indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

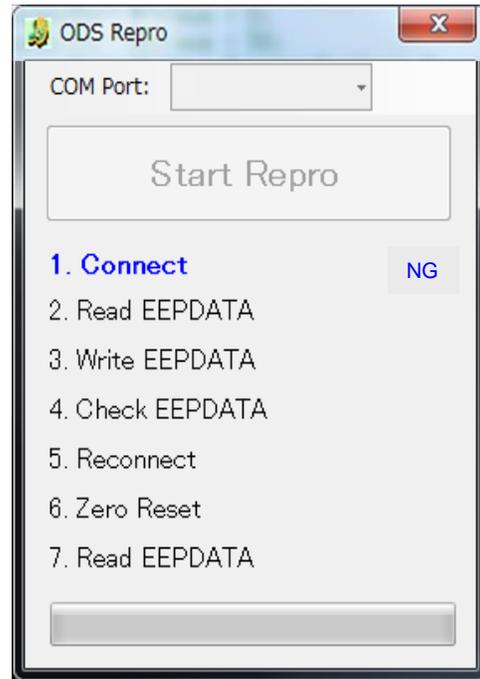


Figure 20

- #2 - If Read EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

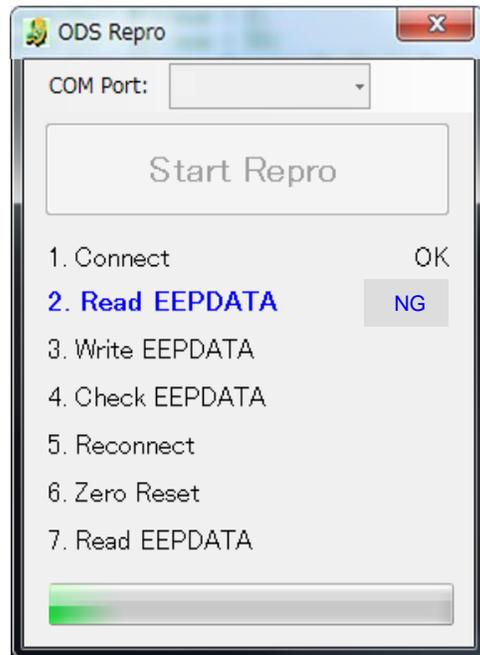


Figure 21

- #3 - If Write EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

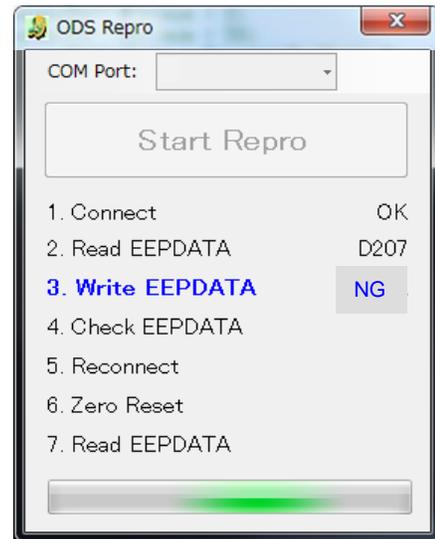


Figure 22

- #4 - If Check EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

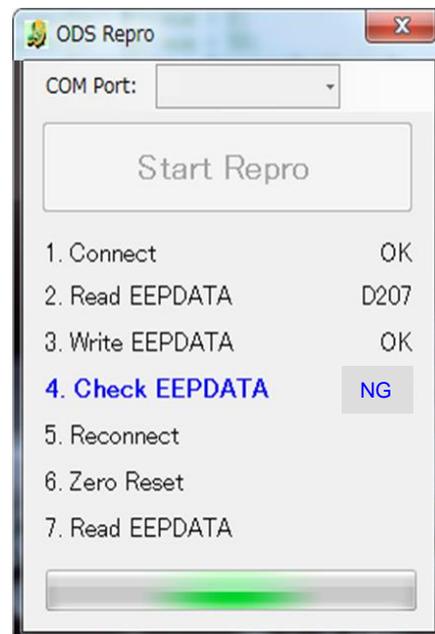


Figure 23

- #5 - If Reconnect indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

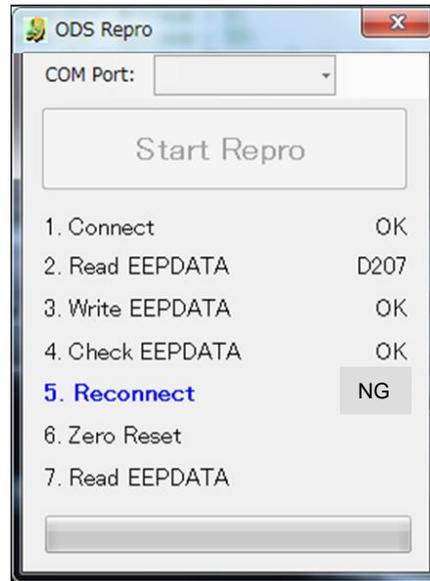


Figure 24

- #6 - If Zero Reset indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Cycle the ignition OFF > ON.
    - If needed, retry ignition OFF > ON 5 times.
  - c. If Zero Reset still indicates NG, close ODS Repro (click on the red X in the upper right corner), and restart from step 1 on page 5.

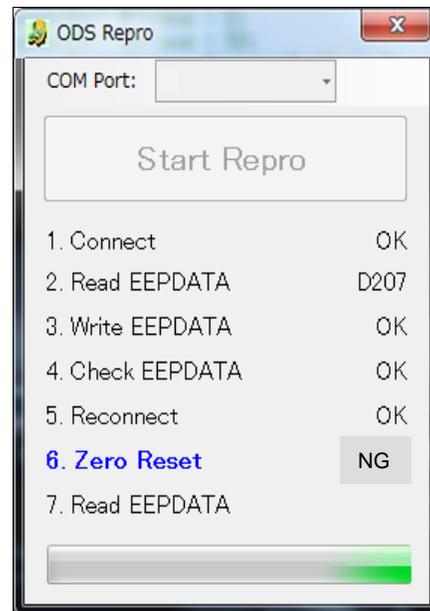


Figure 25

- #7 - If Read EEPROMDATA indicates NG:
  - a. Click OK on the accompanying error message.
  - b. Turn the ignition OFF.
  - c. Close ODS Repro (click on the red X in the upper right corner).
  - d. Restart from step 1 on page 5.

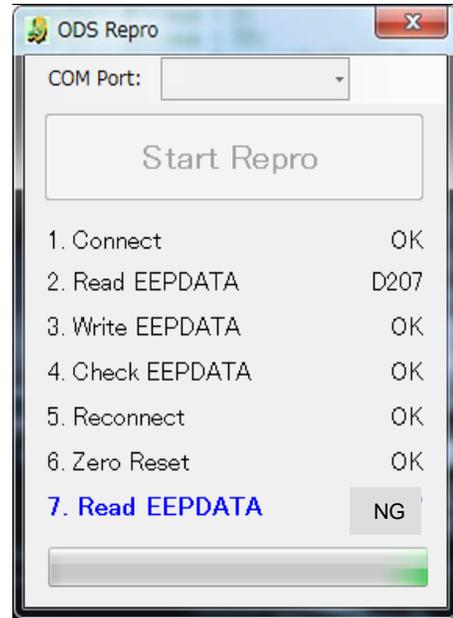


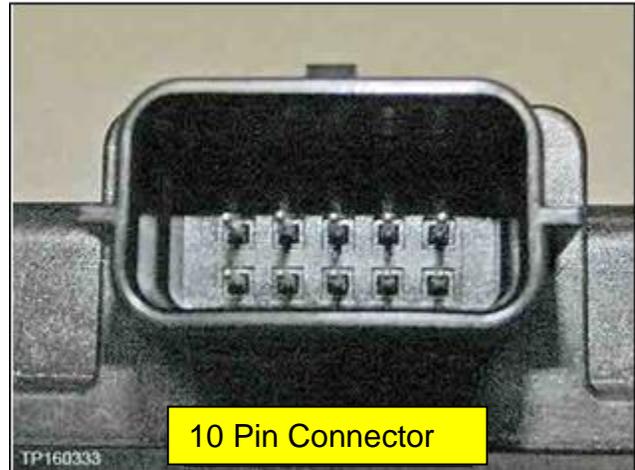
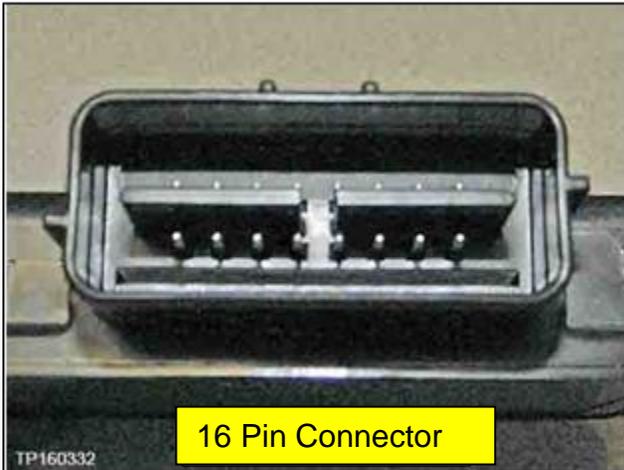
Figure 26

## PART INFORMATION

To obtain the correct OCS control unit for the vehicle you are working on use the COMPLETE VIN number and FAST parts system or other electronic parts system to look up the applicable control unit.

Confirm that the number of pins of the new part are the same as the original OCS Control Unit.

(See Figures below).



## CLAIMS INFORMATION

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

Work Order Line Type: "CM" Campaign

Campaign: PC526

|  |                 |                       |
|--|-----------------|-----------------------|
| <b>Claim Type:</b>                     | CM              |                       |
| <b>PNC:</b>                            | PC526           |                       |
| <b>Symptom:</b>                        | ZZ              |                       |
| <b>Diagnosis:</b>                      | 99              |                       |
| <b>Description:</b>                    | <b>Op Codes</b> | <b>Flat Rate Time</b> |
| Replace OCS control unit and reprogram | PC5260          | 0.8H                  |