

Classification:

EL13-022

Reference: NTB13-067

July 3, 2013

Date:

2013 ARMADA; COMFORT AND CONVENIENCE SETTINGS MISSING

APPLIED VEHICLE: 2013 Armada (TA60) equipped with Navigation ONLY

IF YOU CONFIRM

The "Comfort" option (comfort & convenience settings) under the Navigation's user configurable settings is missing from the scroll down menu, which includes:

- Auto Interior Illumination
- Light Sensitivity •
- Light Off Delay •
- Speed Sensing Wiper Interval •
- Selective Door Unlock
- Intelligent Key Lock/Unlock •
- Slide Driver's Seat Back on Exit •
- Return all Settings to Default •

ACTION

| Settings > Others |
|-------------------|
| Comfort |
| Language & Units |
| Voice Recognition |
| Camera |
| Image Viewer |
| |



- 1. Follow the Service Procedure starting on page 2 to load the Re-programming Software DVD referenced in the Parts Information on the next page.
- Initialize and then manually configure the MULTI AV system with the setting in this bulletin.

IMPORTANT: The purpose of "ACTION" (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

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.

PARTS INFORMATION

Re-programming software DVD required for this procedure:

- Each dealer has previously received one NTB12-070/ITB12-054 Re-programming Software DVD, free of charge, from Clarion.
- Should you require an additional NTB12-070/ITB12-054 Re-programming Software DVD due to loss or damage, it can be ordered free of charge by contacting Clarion toll free at 1-800-347-8933.



CLAIMS INFORMATION

Submit a Primary Operation (PO) type line claim using the following claims coding:

| DESCRIPTION | OP CODE | SYM | DIA | FRT |
|---------------------------------|---------|-----|-----|-----|
| DVD NAVIGATION – RE-PROGRAMMING | RX3TAA | ZE | 32 | 0.6 |

SERVICE PROCEDURE

NOTE: This procedure will take 20-30 minutes with the ignition ON:

- Will <u>require</u> the DVD to be inserted <u>twice</u> to complete the update before initialization and manual configuration can be performed.
- Before starting the procedure, make sure to attach a battery charger to the vehicle battery and set it to a low charge rate (trickle charge).
- Write down customer's radio station presets and then proceed to step 1 on page 3. (Presets may be lost during this procedure.)

| Presets | 1 | 2 | 3 | 4 | 5 | 6 |
|----------|------|--------|-------|---------|-----------|---|
| AM | | | | | | |
| FM1 | | | | | | |
| FM2 | | | | | | |
| XM1 | | | | | | |
| XM2 | | | | | | |
| XM3 | | | | | | |
| Settings | Base | Treble | Fader | Balance | SS Volume | |

- 1. Set the parking brake.
- 2. Turn the ignition ON and keep the transmission in Park or Neutral.
 - The Navigation start-up screen should display.
 - If the Navigation start-up screen is not displayed: turn the ignition OFF, wait 10 seconds, and then turn the ignition ON again.
- 3. Wait more than 1 minute.
- 4. Make sure there is not a disc in the CD/DVD slot (eject any disc that may be in the CD/DVD player).
- 5. Load "NTB12-070/ITB12-054 Re-programming Software" DVD into the CD slot of the audio unit.
 - If the screen in Figure 1 is displayed, • this update has already been performed and this bulletin does not apply.
 - Refer to ASIST for further diagnostic information.
 - Remove the DVD from the CD slot.

•

| | | Prog | ram Loading | | | |
|---|---|------|--|--|--|--|
| lf ti this pe ap∣ ≽ | he screen in Figure 1 is displayed, s update has already been rformed and this bulletin does not ply. Refer to ASIST for further diagnostic information. | | Program loading is not available, because program of the same version is already in the unit. Please eject the disc. | | | |
| | Remove the DVD from the CD slot. | | | | | |
| | | | Figure1 | | | |
| | | Prog | ram Loading | | | |
| If "Now preparing loading" shown in Figure 2 is displayed, follow the on screen Caution while the Navigation is updated. | | | Now preparing loading. Please wait a moment. Caution Please do not change the ignition position | | | |
| | | | Figure 2 | | | |

- 6. During the first part of the update process 3 more screens will be displayed along with a percentage of completion (progress) bars:
 - Rewriting boot data. (Figure 3)
 - Rewriting program data (Figure 4)
 - Rewriting language data (Figure 5)



Once the re-programming has started:

- Do not eject the DVD while it is loading.
- Do not change the ignition position until the DVD has been loaded.

- 7. When the first part of the program has finished loading:
 - "Program loading is completed" will be display (Figure 6).
 - The Re-programming Software DVD will automatically eject.
- 8. Remove the DVD and continue to the second part of the update in step 9.



Caution

Please do not change the ignition position





| Program Load | ing | |
|--------------|-------------------------------|--|
| | | |
| P | Program loading is completed. | |
| Please ej | ject disc. | |
| | Figure 6 | |

- After the DVD is removed, the screen in Figure 7 "Please insert disc" may ask to reinstall the same Reprogramming Software DVD for a second time.
 - If not, the re-programming is complete. Proceed to step 12.
 - If so, re-insert DVD disc.
 - At the top of the screen "Program Loading (2nd)" will be displayed.

10. "Rewriting boot data" and "Rewriting program data" will be displayed once the DVD is reinstalled.

IMPORTANT:

Once re-programming has started:

- Do not eject the DVD while it is loading.
- Do not change the ignition position until the DVD has been loaded.

- 11. After the reprogram has completed:
 - "Program loading is completed" will be display (Figure 10).
 - The Re-programming Software DVD will automatically eject.
 - The Navigation system will restart.

Proceed to step 12 on next page.







| am Loadi | ng (2nd) | | | |
|-----------|----------|---------|---------|------------|
| Rewriting | j progra | m data. | | |
| 0% | 25% | 50% | 75% | 100% |
| Caution | | | | |
| Please do | not cha | nge the | ignitio | n position |
| | F | Figure | 9 | |





After Navigation has restarted

- 12. To confirm that the Navigation version has been successfully updated, load the DVD into the CD slot for a third time.
 - If Figure 1 is displayed it indicates that the re-program has been completed, go to step 13.
 - If Figure 2 is displayed, allow the update to complete (steps 6-11) and follow the on screen instructions, then perform step 12 to confirm the re-program has completed.
- 13. Eject DVD.
- 14. Proceed to Multi AV initialization.

Perform Multi AV initialization using the vehicles on-board Systems Diagnostic Menu.

NOTE:

- The ignition should still be ON.
- 1. Turn the audio system OFF.
- 2. Put the AV system into System Diagnostic Mode as follows:
 - a. Press and hold the SETTING button.
 - b. While holding the SETTING button, turn the volume control knob 40 clicks or more.
 - The volume control knob can be turned either direction.
 - When the system goes into the System Diagnostic Menu, the screen in Figure 12 will display.

















Figure 15

4. Select Initialize Settings.

NOTE: Use the scroll arrow to find Initialize Settings.

3. Select Confirmation/Adjustment.

5. Select Accessory Number Initialization.

6. Select Yes.

7. Select Yes.

8. The screen in Figure 17 will display while initializing.

9. The screen in Figure 18 will display when initializing is complete.













Figure 18

- 10. Reboot the Multi AV system as follows:
 - a. Turn the ignition OFF.
 - b. Wait 10 Seconds.
 - c. Turn the ignition ON.

Proceed to the next page.

Using C-III plus; reprogram (reconfigure) the Multi AV unit.

Recorded Data 🚗 🌇 🗙 🖿 home Print Screen de Bick **Connection Status** Diagnosis Menu Diagnosis (One System) Serial No Satu ⊳୬)) VI 2300090 Normal Mode/Wireless 🚵 Diagnosis (All Systems) \odot MI -≪ Re/programming, Configuration No connection Select VI/MI 🚚 Immobilize Application Setting Step 🔔 Main Sub mode ABC Language Setting 1



- () Help 12.2V VI e Back Home Print Screen Recorded × Configuration Precaution Vehicle Selection Operating suggestions for reprogramming, programming and C/U configration; Please review the all of precautions, and click the "Confirm" check box after confirming the its points. And buck-"New!" J Caution: 1. Follow the operation guide displayed on screen. 2. "Back" and "Home" button may not be used on this flow. .For reprogramming and programming 1. Install the latest version of the CONSULT-III plus sortware, reprogramming/programming data to this CONSULT-III plus PC. 2. Preparation and read the service manual or reprogramming procedure sheet. -For ECU Configuration 1. Need to write the configuration data to new 2. If writing the wrong configuration data, ECI Step e the right data. -For ECU Configuration using manual mode 1. Confirm the vehicle's spec and its configuration data, ECU can 2. Operate the standard stan 2 If writing the wrong white the right data. without saving data. 2. Ope Next Confirmed instructions 1/1
 - Figure 20

2. Check the box confirming the precautions have been read then select **Next**.

1. Select Re/programming Configuration.

- 3. Use Manual Selection (Vehicle Name), and then select correct Make, Model and Year.
 - If the screen in Figure 21 does not display, skip to step 5.
- 4. Click on Select.



Figure 21

5. Confirm correct VIN, Vehicle Name and Model Year.

NOTE: If the **VIN** <u>is not</u> correct, the "**VIN** field" in step 7 Figure 23 can be changed to the correct **VIN**.

- 6a. If the Vehicle Name and Model Year are correct, select Confirm.
- 6b. If the **Vehicle Name** or **Model Year** needs to be changed,
 - Select **Change** and then refer to Figure 21 to change vehicle selection.
- 7. Confirm again that the **VIN** is correct and then select **Confirm**.

NOTE: If the **VIN** is not correct, the **VIN** Field in Figure 23 can be changed before selecting **Confirm**.







Figure 23

| CONSULT-III plus Ver.CSP19.10 V | N:5N1AA0ND0DN603824 | Vehicle : ARMADA TA60 : | 2013 Country : United States |
|--|--------------------------------|----------------------------------|---------------------------------|
| Back Home Print Screen | Measurement Mode Recorded Data | Image: Weight Help 12.6V | 🖬 🗙 🖿 🔜 🔀 |
| Configuration | Input VIN System | n Selection Operation | on Selection 5/6 |
| System Selection | | | |
| Touch "system". In case ECU you want to operate is not li | sted below, the vehicle or m | odel year might be selecte | d wrong. |
| ENGINE | Stop | | |
| | | | |
| ABS | | | |
| IPDM E/R | HVAC | | |
| METER/M&A | TRANSMISSI | ло | |
| | Â | | |
| | | | 1/1 |

Figure 24

| CONSULT-III plus Ver.V11.10.00 | VIN:JN1BY1AP5CM330297 | Vehicle : INFINITI M37/M56 1 | Y51 2012 Country : U.S.A. | | | |
|---|--|------------------------------|---------------------------|--|--|--|
| Back Borne Print Screen | Screen Capture Measurement Mode Recorded Data | | 1 🗙 🖿 🔜 🔀 | | | |
| Re/programming, Configuration | System Selection Operation | on Selection | 6/6 | | | |
| Operation Selection | | | | | | |
| Touch "Operation". In case over write current ECU, tour In case replacement of ECU, select a | ch "Reprogramming". n operation in REPLACE ECU cate | egory. | | | | |
| REPROGRAMMING | | | | | | |
| In case you want to reprogramming ECU, touch "Reprogramming". Reprogramming | | | | | | |
| Replacement OF ECU Programming (Blank ECU) | Step | | | | | |
| Programming Brown Aren Aren Aren Aren Aren Aren Aren Are | | | | | | |
| | | | | | | |
| Read / Write Configuration Manual Configuration In case you has already replaced ECU, touch "Manual Configuration". | | | | | | |
| | | | J | | | |

Figure 25

8. After **system call** completes, select **MULTI AV**.

9. Select Manual Configuration.

10. Use the drop down arrows to select the values.

Grade:

• Select "MODE 2" only.

Axle type:

• Choose either 2WD or 4WD depending on how the vehicle is equipped.

11. Select Next.

| CONSULT-III plus Ver.31.21 Ver.CSP19.10 VIN:5N1AA0ND0DN0 | 03824 Vehicle : ARMADA | A TA60 2013 | Country : United States | | | | |
|---|-------------------------|---------------------|----------------------------|---------------|--|--|--|
| Image: Back Image: Back | Recorded Data | 12.6V VI MI | | | | | |
| Re/programming, Configuration | Manual Configuration | Write Configuration | 7/9 | | | | |
| Manual Configuration | | | | | | | |
| Identify the correct model and configuration mode with Configuration list described on Service Manual. Confirm and/or change setting value for each item, touch "Next". Make sure to touch "Next" even if the indicated configuration of brand new BCM is same as the desirable configuration. If not, configuration which is set automatically by selecting vehicle model can not be memorized. | | | | | | | |
| | Setting ' | Value | | | | | |
| GRADE | MODE | 2 🔻 | | | | | |
| AXLE TYPE | 2WD | | Step | 10: values | | | |
| | 4WI | D | | | | | |
| | 2₩ | D | IJ | | | | |
| | | Step 11 | Cancel | | | | |

Figure 26

- 12. Confirm correct values for items listed and then select **OK**.
- Wait for C-III plus to transfer the reprogramming (reconfiguration) to Multi AV – about 1 minute or less.
- 14. After C-III plus finishes transferring the reconfiguration to **MULTI AV**, select **Home**.
- 15. Turn the ignition OFF and wait 10 seconds.
- 16. Disconnect the battery charger.
- 17. Start the engine and let it idle while the Multi AV system reboots.
- 18. Use C-III plus to clear any codes from the Multi AV system.
 - a. Select Diagnoses (One System) > Multi AV > Self Diagnosis Results.
 - b. Clear any codes that are present.
- 19. Close the C-III plus software and disconnect the VI from the vehicle.

Make sure the Multi AV system is operational.

1. Confirm that Settings>Others>Comfort options, under the Navigation's user configurable settings, are now present.







- 2. Confirm that fan, temperature, and air flow modes can be adjusted.
- 3. Turn the radio ON.
- 4. Turn the volume knob and make sure the audio volume responds to movement of the knob.
- 5. Re-enter the customer's radio pre-sets written down from page 2.
- 6. The procedure is complete. Turn the ignition OFF.