



SERVICE BULLETIN

Classification:

EC10-023

Reference:

NTB10-089

Date:

July 29, 2010

2009 – 2010 cube[®] MIL 'ON' WITH DTC P1421 STORED

APPLIED VEHICLE: 2009 – 2010 cube[®] (Z12)

IF YOU CONFIRM:

The customer reports the Service Engine Soon Light (MIL) ON, and DTC P1421 (Cold Start Control) is stored in the ECM,

ACTIONS:

1. Refer to Step 2 in the Service Procedure to confirm this bulletin applies to the vehicle you are working on.
2. If this bulletin applies, reprogram the ECM.

CLAIMS INFORMATION

Submit a Primary Failed (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ECM	(1)	DE97AA	HD	32	(2) (3)

- (1) Reference the Repair Order and use the current ECM P/N written down in Step 2 of the Service Procedure as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.
- (3) FRT allows adequate time to access DTC codes and reprogram ECM. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

IMPORTANT: The purpose of ACTIONS (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.

SERVICE PROCEDURE

1. Connect C-III to the vehicle to begin the reprogramming procedure.
 - If you are not familiar with the reprogramming procedure, click here. This will link you to the "CONSULT- III (C-III) ECM Reprogramming" general procedure.

CAUTION:

- Connect a battery charger to the vehicle battery.
If the 12V battery voltage drops during reprogramming, the ECM may be damaged.
- Be sure to turn OFF all vehicle electrical loads.
If a vehicle electrical load remains ON, the ECM may be damaged.
- For ECM reprogramming, the C-III MUST be connected to the VI using the USB cable or the process may be interrupted and the ECM may be damaged.
- Be sure to connect the AC Adapter.
If the C-III battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.

2. When you get to the ECM Reprogramming screen shown in Figure 1, confirm this bulletin applies as follows.

A. On your C-III screen, look at the **Part Number** column (see Figure 1):

- If this column is **blank** (no part number listed), this **bulletin does not apply**. Close C-III and refer to ASIST for further diagnostic information.
- If a Part Number is listed, write it on the Repair Order.

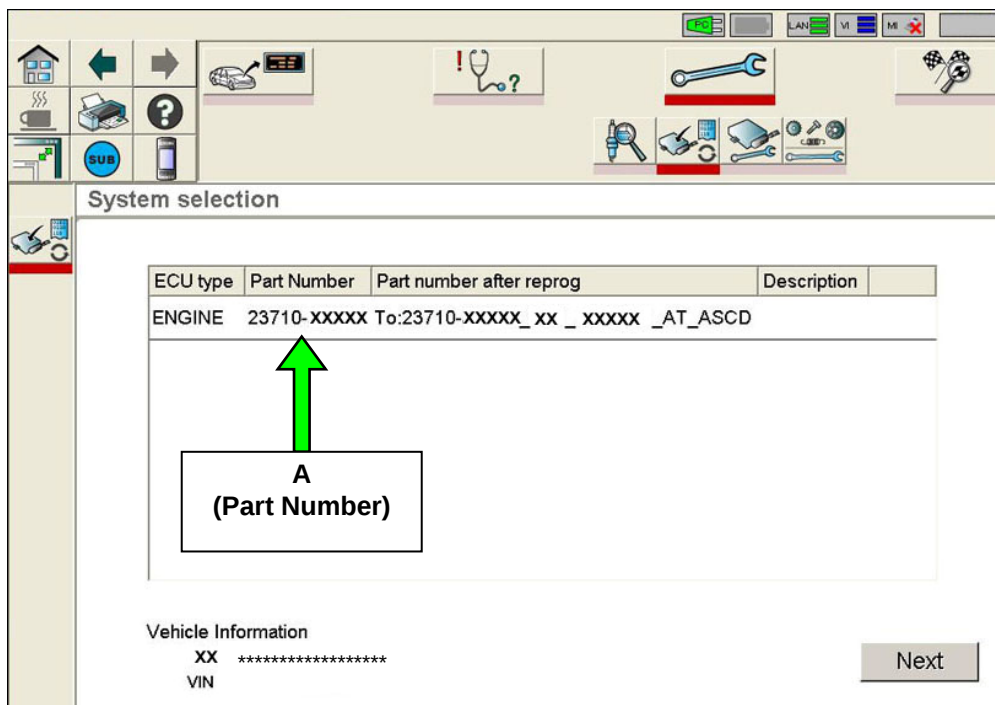


Figure 1

B. Compare the Part Number you wrote down to the numbers in the **Current ECM Part Number** column in **Table A**.

- If there is a match, this bulletin applies. Continue with the reprogramming procedure.

NOTE: If there are two lines (two reprogramming options) on your C-III screen, use the one that **does not** have the message “Caution! Use ONLY with NTBXX-XXX”.

- If there is not a match, this bulletin does not apply. Close C-III and refer to ASIST for further diagnostic information.

Table A

MODEL	VEHICLE CONFIGURATION	Current ECM Part Number
2009 cube	2WD MT	23710 - 1FC6A, 1FC6B
	2WD MT ASCD	23710 - 1FC7A, 1FC7B
	2WD CVT ASCD	23710 - 1FJ5A, 1FJ5B
	2WD CVT ASCD/PUSH START	23710 - 1FJ7A, 1FJ7B
2010 cube	2WD MT	23710 - 1FN0A
	2WD MT ASCD	23710 - 1FN1A
	2WD CVT ASCD	23710 - 1FN2A
	2WD CVT ASCD/PUSH START	23710 - 1FN3A

3. If this bulletin applies and you have performed ECM reprogramming, the screen in Figure 2 appears when reprogramming is complete.

NOTE: If the screen in Figure 2 does not display (reprogramming does not complete), [click here](#). This links to the ECM Reprogram Interruption Recovery General Procedure.

- **Print this screen and attach it to the Repair Order for Warranty documentation.**



Figure 2

4. Make sure to erase DTCs from all systems.

NOTE: During reprogramming, DTCs will set in several systems and must be erased.

5. Test drive the vehicle and make sure it operates correctly and the MIL is OFF.
 - If the MIL comes ON, go back to ASIST for further diagnostic information.
 - Diagnosis and repairs beyond ECM reprogramming are not covered by this bulletin.