



SERVICE BULLETIN

Classification: EC10-037	Reference: NTB10-149	Date: December 22, 2010
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2009-2010 370Z; MIL `ON` DTC P1421 (COLD START CONTROL)

APPLIED VEHICLE: 2009 – 2010 370Z (Z34) Coupe
 2009 – 2010 370Z (Z34) NISMO Coupe
 2010 370Z (HZ34) Roadster

IF YOU CONFIRM:

If an Applied Vehicle has DTC P1421 (Cold Start Control) 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)

- (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.

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.

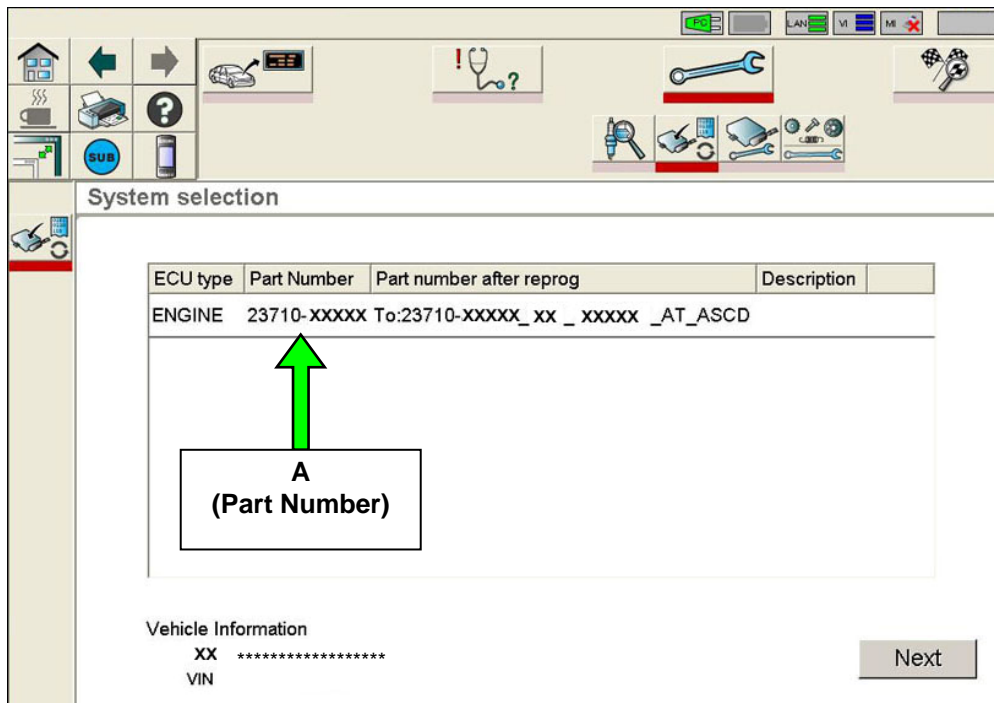


Figure 1

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 23710 -
2009 370Z	AT	1EA4A, 1EA4B, 1EA4C
	MTsync	1EA3A, 1EA3B, 1EA3C
	MT	1EA1A, 1EA1B, 1EA1C
2010 370Z	AT	1EJ8A, 1EJ8B, 1EJ8C
	MTsync	1EJ2A, 1EJ2B, 1EJ2C
	MT	1EJ0A, 1EJ0B, 1EJ0C
2010 370Z roadster	AT	1EA7A, 1EA7B, 1EA7C
	MTsync	1EA8A, 1EA8B, 1EA8C
	MT	1EA9A, 1EA9B, 1EA9C
2009 370Z NISMO coupe	MTsync	1A30C, 1A31H, 1A32A
2010 370Z NISMO coupe	MTsync	1A31C, 1A34A, 1A33A

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.

