

Classification:

EC09-003a

Reference:

ITB09-010a

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Date:

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## 2008 G35 AND 2009 G37; MIL 'ON' WITH DTC P0116 (ENGINE COOLANT TEMP SENSOR)

This bulletin has been amended. The Applied Vehicles and Table A on page 3 have been updated.  
Please discard previous versions of this bulletin.

**APPLIED VEHICLE:**    2008 G35 Sedan (V36)  
                                  2009 G37 Sedan and Coupe (V36 and CV36)

### IF YOU CONFIRM

An Applied Vehicle has the MIL 'ON' with DTC P0116 (Engine Coolant Temp Sensor) stored in the ECM

### AND

There are no drivability issues.

### 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	PPF	OP CODE	SYM	DIA	FRT
Reprogram ECM per TSB	(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.

Infiniti 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 Infiniti dealer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

1. Connect CONSULT III (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.
- Be sure to connect the AC Adapter.  
If the C-III battery voltage drops during reprogramming, the process will be interrupted and the ECM will 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 example).

- If this column is **blank** (no part number listed), this **bulletin does not apply.**
- If a Part Number is listed, write it on the Repair Order and then go to Step B.

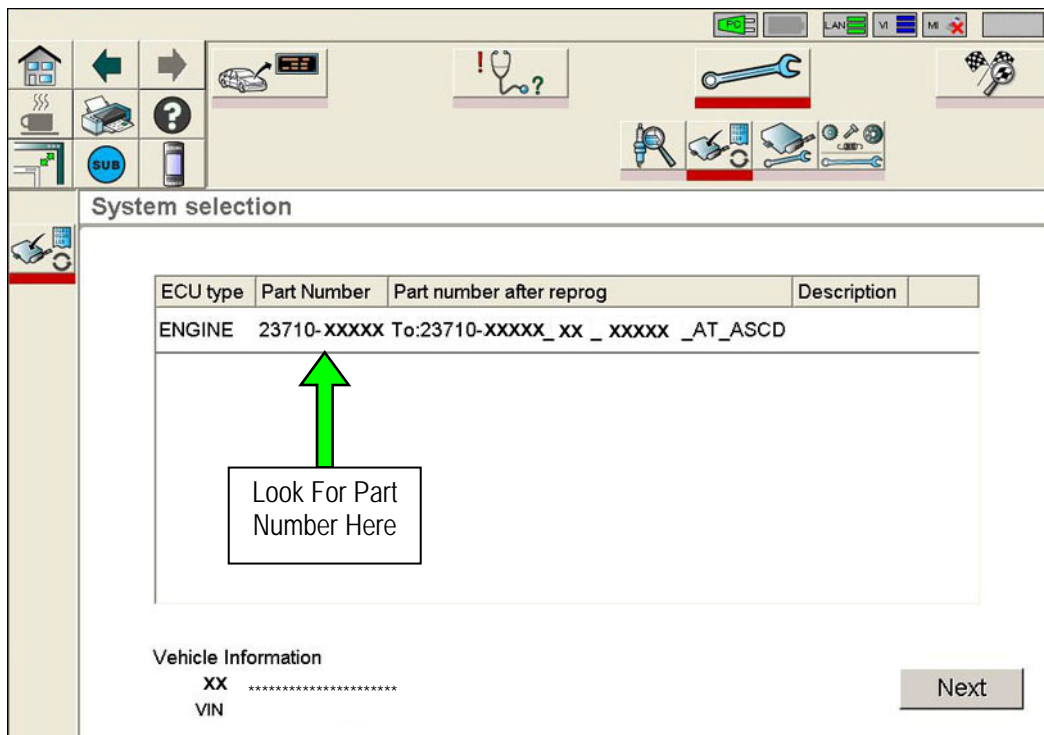


Figure 1

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

- 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 ITBXX-XXX".

- If there is not a match, this bulletin does not apply.

Table A

Model	Vehicle Configuration	Current ECM P/N
<b>2008 G35 2WD</b>	A/T ASCD VDC	23710 -1NA0A, 1NA0B
	A/T ACC VDC	23710 -1NA1A, 1NA1B
	A/T 4WAS ASCD VDC	23710 -1NA2A, 1NA2B
	A/T 4WAS ACC VDC	23710 -1NA3A, 1NA3B
	M/T ASCD VDC	23710 -1NA4A, 1NA4B
	M/T ACC VDC	23710 -1NA5A, 1NA5B
	M/T 4WAS ASCD VDC	23710 -1NA6A, 1NA6B
	M/T 4WAS ACC VDC	23710 -1NA7A, 1NA7B
<b>2008 G35 AWD</b>	A/T ASCD VDC	23710 -1NA8A, 1NA8B
	A/T ACC VDC	23710 -1NA9A, 1NA9B
<b>2009 G37 Sedan 2WD</b>	A/T ASCD	23710 -1NC4A
	A/T ASCD SPORT	23710 -1NC6A
	A/T ICC	23710 -1NC5A
	A/T ICC SPORT	23710 -1NC7A
	M/T ASCD SPORT	23710 -1NC8A
	M/T ICC SPORT	23710 -1NC9A
<b>2009 G37 Sedan AWD</b>	A/T ASCD	23710 - JU60A
	A/T ICC	23710 - JU61A
<b>2009 G37 Coupe 2WD</b>	A/T ASCD	23710 -1ND4A
	A/T ASCD SPORT	23710 -1ND6A
	A/T ICC	23710 -1ND5A
	A/T ICC SPORT	23710 -1ND7A
	M/T ASCD SPORT	23710 -1ND8A
	M/T ICC SPORT	23710 -1ND9A
<b>2009 G37 Coupe AWD</b>	A/T ASCD	23710 - JU70A
	A/T ICC	23710 - JU71A

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

Print the page from C-III (C-III page example below) and attach it to the Repair Order for Warranty documentation.



Figure 2

4. Make sure to erase all DTCs from all Systems.

**NOTE:** During reprogramming, DTCs will set in several systems. These DTCs must be erased from all systems.

5. Test drive the vehicle and make sure it operates correctly and the MIL (Check Engine light) is OFF.
  - If the Check Engine light comes ON, go back to ASIST for further diagnostic information. Refer to the applicable Electronic Service Manual as needed.
  - Diagnosis and repairs beyond ECM reprogramming are not covered by this bulletin.