

Classification:

EC06-002a

Reference:

ITB06-004a

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Date:

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MIL "ON" WITH DTC U1000 OR U1010 STORED IN ENGINE CONTROL UNIT

This bulletin has been amended. The Applied Vehicles, IF YOU CONFIRM and Claims Information sections have been changed. No other content has been changed. Discard all previous versions of this bulletin.

APPLIED VEHICLES: 2002-2004 I35 (CA33)
2002-2006 Q45 (F50)
2004-2006 QX56 (JA60)
2003-2006 FX (S50)
2003-2006 G35 (V35)
2003-2004 M45 (Y34)
2006 M (Y50)

IF YOU CONFIRM

The MIL is "ON" with

- DTC U1000 (CAN COMM CIRCUIT)

OR

- DTC U1010 (CAN COMM) [2006 Models only]

stored in the engine control unit,

and

There are no drivability incidents.

DETERMINE IF

This bulletin applies by performing steps 1 and 2 of the Service Procedure.

ACTIONS

If this bulletin applies, there may be excess resistance in certain ground connections:

- Clean/re-tighten ECM ground connections.
- Clean/re-tighten negative battery cable body connection and battery post connection.
- If needed, clean and ensure good contact between the steering member assembly and the left side instrument stay assembly.

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 (starting on page 2) as it contains information that is essential to successfully completing the 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.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Repair ECM Ground Terminal	(1)	EX12AA	HD	42	0.6 hrs (CA33) 0.6 hrs (F50) 0.7 hrs (JA60) 2.2 hrs (S50) 2.8 hrs (V35) 0.5 hrs (Y34) 0.8 hrs (Y50)

(1) Reference the FAST Parts Catalog and use the applicable Engine Control Unit P/N as the PFP.

SERVICE PROCEDURE:

1. Print the engine Freeze Frame (FF) data using CONSULT-II.
 - Refer to section EC in the appropriate Service Manual for Freeze Frame diagnostic information.
2. Compare your printout to the chart below.

DTC RESULTS:	U1000 or U1010
FUEL SYS (xx):	Mode 5
CAL/LD VALUE:	0%
COOLANT TEMP	-40°F or -40°C
L-FUEL TRIM (xx)	100%
S-FUEL TRIM (xx)	100%
ENGINE SPEED	0 rpm
VEHICL SPEED	0 mph or 0 kph
ABSOL TH-P/S	0 % (if applicable)
B/FUEL SCHDL	0 msec
INT/A TEMP SE	-58°F or -50°C

- a. If your readings match exactly to the readings above, go to step 3.
- b. If your readings do not match exactly, this bulletin does not apply.
 - Go to section LAN in the appropriate Service Manual for additional diagnostic information.

3. Make sure all ECM ground terminal connections are clean and tight as follows:
 - a. Make a list of the ground terminals for your vehicle. Refer to the appropriate Service Manual, section EC (Power Supply and Ground Circuits).

NOTE: This is an example only. Your vehicle may be different.

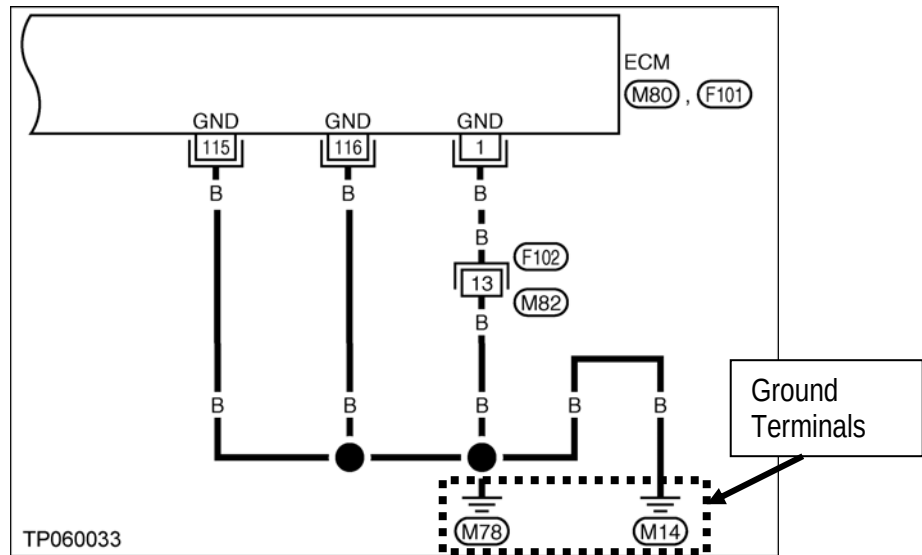


Figure 1

- b. Take your list and go to section PG in the appropriate Service Manual. You'll be able to identify the exact location of the ECM ground terminals you'll need to check.

Ground terminal locations (Example only)

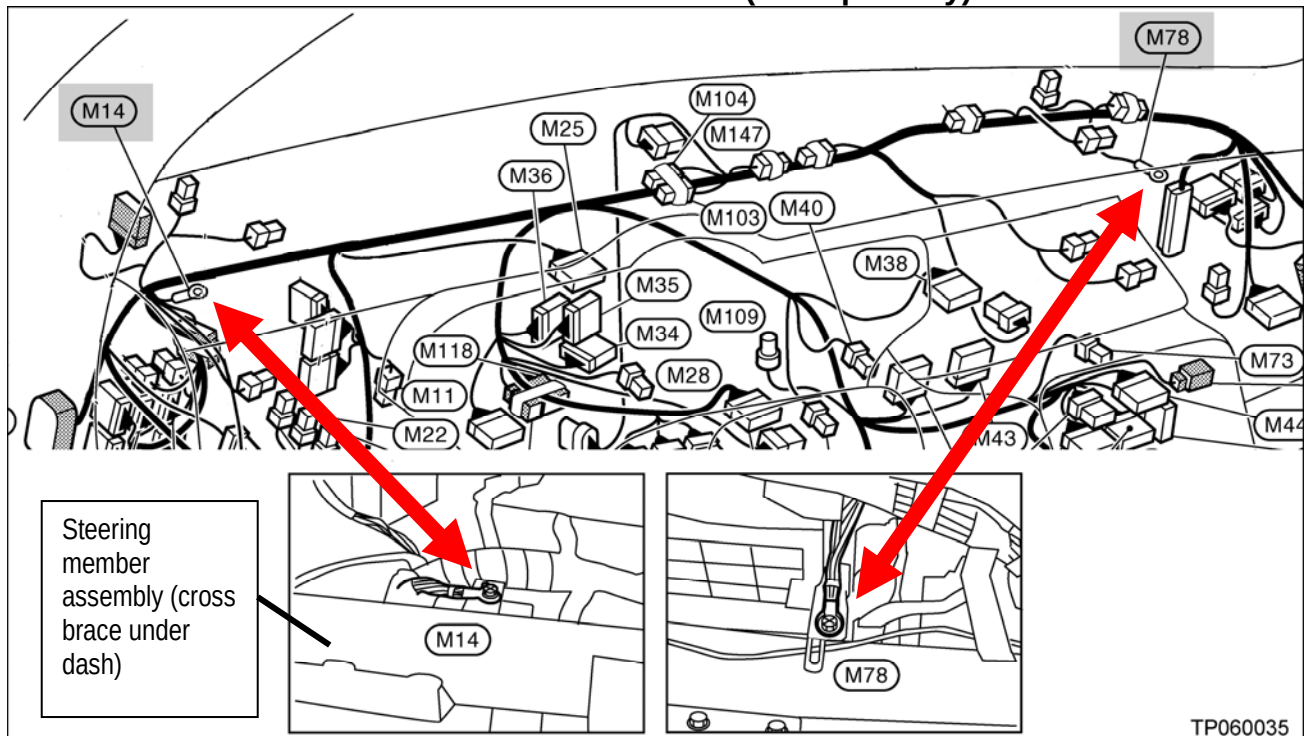


Figure 2

- c. Now go to the ground terminal(s) on the vehicle and remove the nut or bolt that holds the terminal eyelet(s).
- d. Clean the following surfaces on each ECM ground terminal. This will ensure good contact in the connections.

- Both sides of the eyelet
- Eyelet mounting surface

NOTE: Do not remove paint from painted surfaces in the engine compartment to improve ground. Doing so may cause corrosion/rust.

- Nut/bolt threads.
- Female threads in bolt holes (use the correct size tap).

- e. Reinstall and tighten the nut or bolt that holds the terminal eyelet.

4. If the ECM ground terminals are attached to the steering member assembly (cross brace under the dash):
 - a. Remove the fasteners (nuts, bolts, screws) that attach the left side instrument stay assembly (cross brace support) to the steering member assembly (see Figure 3).
 - b. Clean the mounting surfaces and fastener threads.
 - c. Reassemble and tighten the fasteners.

Example only: Steering member support assembly and instrument stay assembly

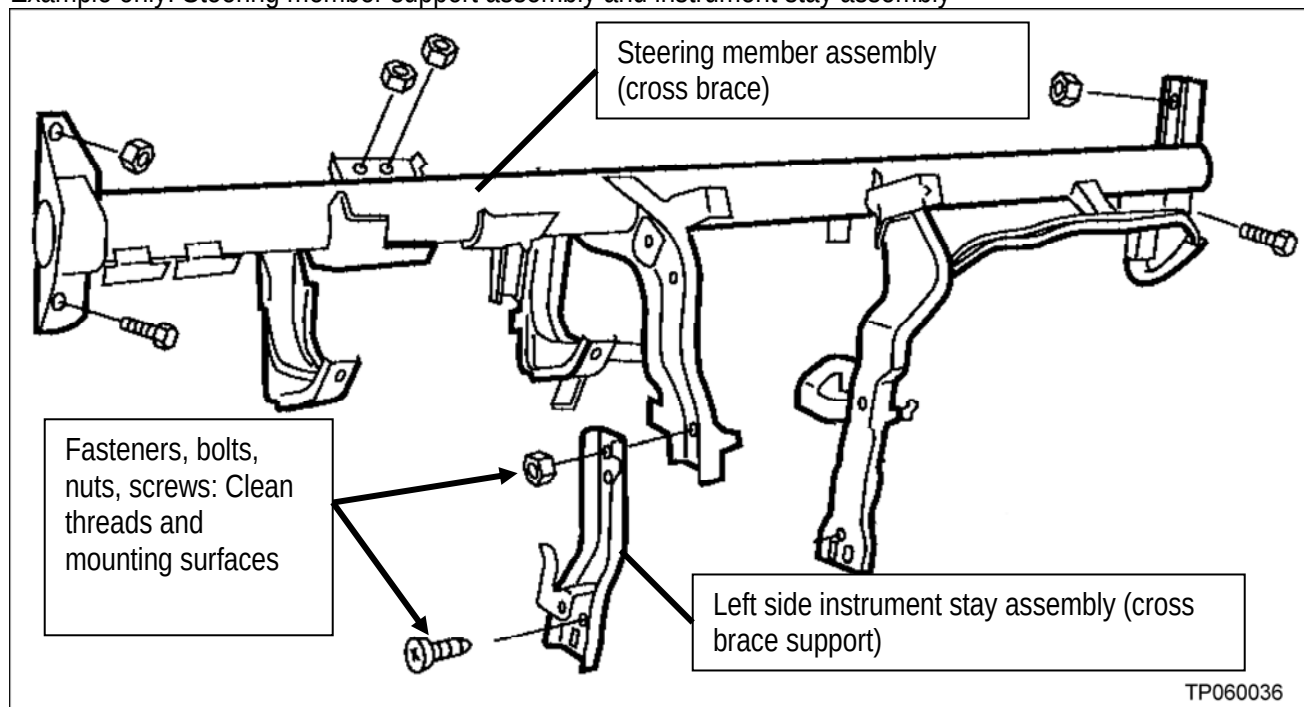


Figure 3

5. Clean the negative battery cable connection.
 - a. Write down all the radio presets.
 - b. Disconnect the negative battery cable at the battery and at the body connection.
 - c. Clean the following items:
 - Negative cable-to-body connection eyelet (both sides)
 - Body connection bolt (head and threads)
 - Female bolt hole threads (use correct size tap)

NOTE: Do not remove paint from painted surfaces in the engine compartment to improve ground. Doing so may cause corrosion/rust.

 - Battery negative post
 - Negative cable battery terminal
 - d. Reconnect negative battery cable (at the body and the battery).
 - e. Reprogram the radio presets.
6. Use CONSULT-II to erase all DTCs.
7. Test drive and re-check for DTCs.

