



# SERVICE BULLETIN

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| Classification:<br>EC03-004 | Reference:<br>NTB03-023 | Date:<br>March 15, 2003 |
|-----------------------------|-------------------------|-------------------------|

## 2002-2003 MAXIMA & ALTIMA: LACK OF POWER

**APPLIED VEHICLES:** 2002-2003 Maxima (A33)  
2002-2003 Altima (L31) **only** with V6 (VQ35) engine.

### IF YOU CONFIRM:

An Applied Vehicle has a slight lack of power during acceleration,

### DETERMINE IF:

Premium fuel is being used in the vehicle.

### ACTIONS:

If premium fuel is being used;

- Check the **ECM Part Number**. You will do this by performing step 2 and 3 in the Service Procedure.
- Replace Mass Airflow Sensor (if needed; see Chart A-2, page 2).
- Perform ECM Reprogramming. This is required if the ECM Part Number (P/N) in the vehicle matches one of those listed under "Current ECM P/N" in Chart A-1 or A-2 on page 2.

### PARTS INFORMATION

| DESCRIPTION         | PART NUMBER | QUANTITY |
|---------------------|-------------|----------|
| Meter Assembly, Air | 22680-AM600 | 1        |

### CLAIMS INFORMATION

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

| DESCRIPTION                                       | PFP | OP CODE | SYM | DIA | FRT     |
|---|-----|---------|-----|-----|---------|
| Reprogram ECM per TSB                             | (1) | DE98AA  | AE  | 32  | 0.5 hrs |
| <b>If required:</b> Replace Airflow Meter/Bracket |     | DE18AA  |     |     | (2)     |

- (1). Reference the final CONSULT II printout and use the indicated ECM P/N 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 (starting on page 2) as it contains information that is essential to successfully completing this repair.

## SERVICE PROCEDURE

1. Determine if premium fuel is being used in the vehicle:
  - If premium fuel is being used, proceed to step 2.
  - If premium fuel is **not** being used:
    - a. Tell the customer that premium fuel should be used for improved performance.
    - b. Ask the customer to use-up their regular fuel, then fill the tank with premium.
    - c. Request the customer drive the vehicle with premium fuel for a few days and return to the dealer if they feel there is still a slight lack of power on acceleration.
2. Determine the vehicle's ECM Part Number. The ECM P/N is found by using CONSULT-II. Go to ECM P/N Selection.
3. Compare the vehicle's ECM P/N to those shown under **Current ECM P/N** in Charts A-1 and A-2 below:



**IMPORTANT: You must use the ECM I.D. Code.**

**Chart A-1**

| <b>Altima<br/>(with V6 engine)</b> | <b>Current ECM P/N</b> | <b>ECM ID Code</b> |
|------------------------------------|------------------------|--------------------|
| 2002 M/T                           | 23710-8J160            | 030103             |
| 2003 M/T                           | 23710-9J082            |                    |
| 2002 A/T                           | 23710-8J164            | 030104             |
| 2003 A/T                           | 23710-9J075, 9J074     |                    |
| 2002 A/T with TCS*                 | 23710-8J162            |                    |
| 2003 A/T with TCS*                 | 23710-9J079, 9J078     |                    |
| <b>Maxima</b>                      |                        |                    |
| 2002 M/T                           | 23710-5Y702            | 030101             |
| 2003 M/T                           | 23710-6Y300            |                    |
| 2002 A/T                           | 23710-5Y713            | 030102             |
| 2003 A/T                           | 23710-6Y311, 6Y310     |                    |
| 2002 A/T with TCS*                 | 23710-5Y724            |                    |
| 2003 A/T with TCS*                 | 23710-6Y321, 6Y320     |                    |

THE I.D. CODE IS REQUIRED TO OBTAIN THE CORRECT ECM DATA FOR RESOLVING THE SYMPTOM COVERED BY THIS BULLETIN.

**Chart A-2**

| <b>Maxima<br/>(early production)</b> | <b>Current ECM P/N</b>              | <b>ECM ID Code</b> | <b>REQUIRES<br/>REPLACEMENT OF<br/>MASS AIRFLOW<br/>SENSOR</b> |
|--------------------------------------|-------------------------------------|--------------------|--|
| 2002 M/T                             | 23710-5Y701, 5Y700                  | 030101             |  |
| 2002 A/T                             | 23710-5Y712, 5Y711,<br>5Y710        | 030102             |  |
| 2002 A/T with TCS*                   | 23710-5Y723, 5Y722,<br>5Y721, 5Y720 |                    |  |

\* TCS = Traction Control System

A. **Check Chart A-1:** If the ECM P/N in the vehicle **matches** one of those listed under "**Current ECM P/N**":

- Perform **ECM Reprogramming**, step 4.

B **Check Chart A-2:** If the ECM P/N in the vehicle **matches** one of those listed under "**Current ECM P/N**":

- Replace the Mass Airflow Sensor (see Parts Information). Refer to the applicable Service Manual (ESM), section EC, for replacement procedures.
- Perform **ECM Reprogramming**, step 4.

C. If the ECM P/N in the vehicle **does not match** one of those listed under "**Current ECM P/N**" in Chart A-1 or A-2:

- This bulletin does not apply. Use the appropriate Electronic Service Manual (ESM) to further diagnose and repair the incident.

4. Reprogram the ECM. Click here for the ECM Reprogramming Procedure or refer to **Attachment 1** in the printed copy of this bulletin.

**IMPORTANT NOTES:**

- This I.D. code process is different from the “typical” ECM Reprogramming procedures now in use.
- **Do NOT** use “Attachment A” (from other bulletins) for the reprogramming required in this bulletin.

## Obtaining Special ECM Reprogramming Data Using an ID Code:

- The steps on the following pages are taken from Attachment 1 of this TSB, titled: Special ECM Reprogramming Procedure For ECM I.D. Entry.
- Use these steps if you are familiar with this Special ECM reprogramming procedure.
- If you are unfamiliar with this Special ECM Reprogramming Procedure, click here or refer to **Attachment 1** in the printed copy of this bulletin.

1. Click on the **Keypad** button (see Figure 1).

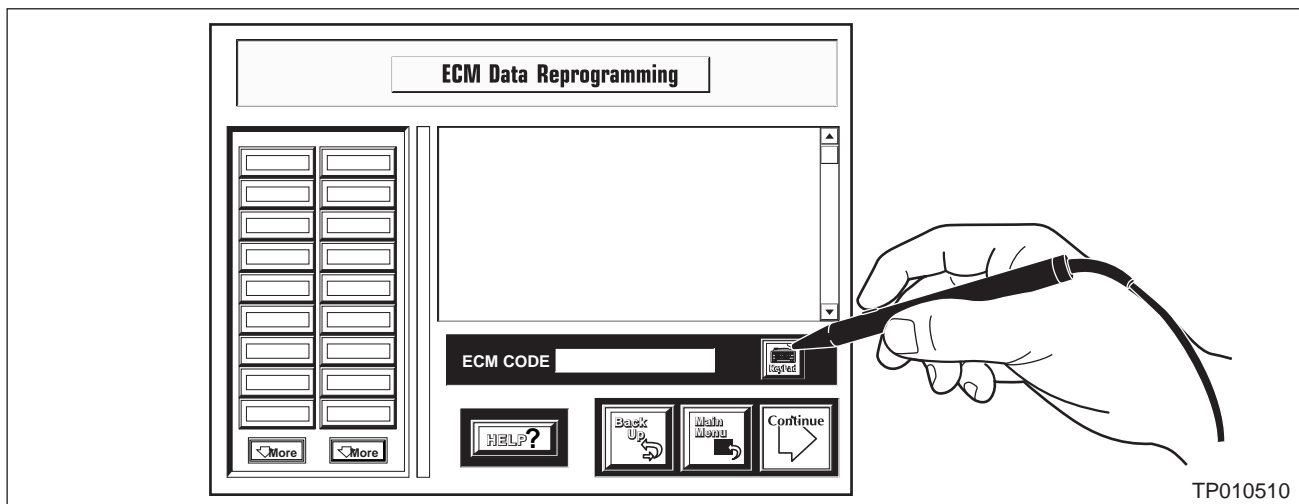


Figure 1

2. Use the digit keys on the **Keypad** (see Figure 2 below) to enter the correct **ECM ID Code** from Chart A-1 or A-2 (page 2).

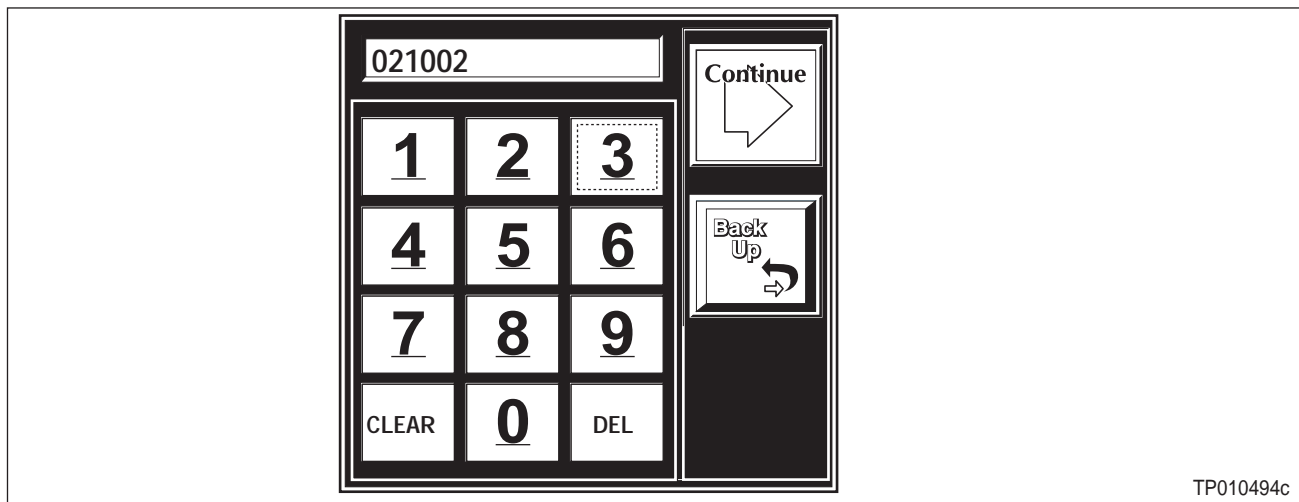


Figure 2

3. Then click the "Continue" button on the keypad.

- Click the "Continue" button on the ECM Data Reprogramming screen (see Figure 3) to proceed to CONSULT-II setup.

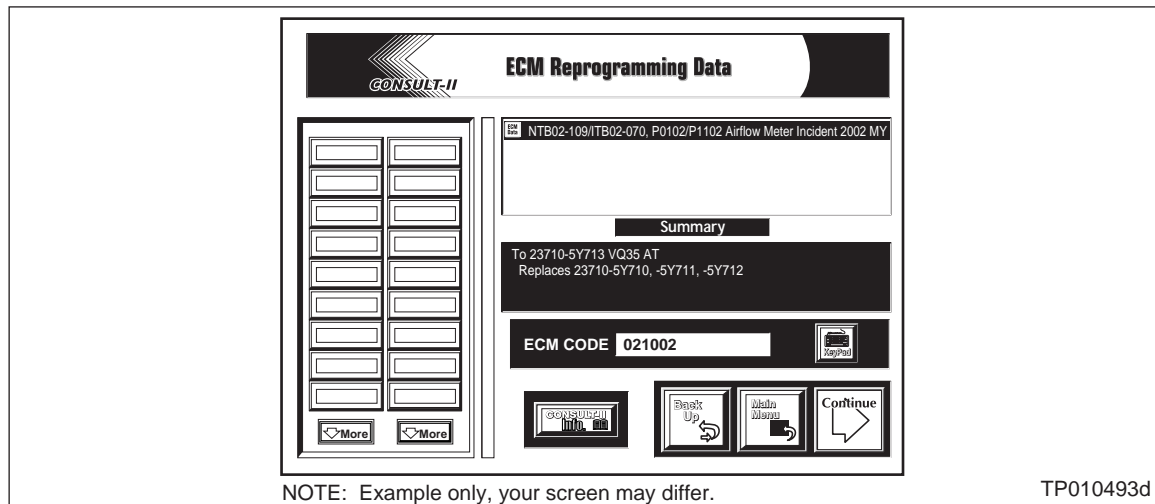


Figure 3

- Continue the reprogramming procedure as per Attachment 1.
  - If you are unfamiliar with this Special ECM Reprogramming Procedure, click here or refer to Attachment 1 in the printed copy of this bulletin.

