

GT CONVERTERS

& Exhaust Warehouse



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SERVICE BULLETIN

Classification:	Reference:	Date
EC02-022	NTB02-092	September 5, 2002

'01MY FRONTIER AND XTERRA W/KA24, MIL "ON" DTC P0420 CATALYST

IMPORTANT: This bulletin supersedes NTB02-034.

Please discard previously released copies of NTB02-034.

APPLIED VEHICLES: 2001 Frontier (D22)
2001 Xterra (WD22)
APPLIED ENGINE: KA24 (4 cylinder) ONLY

SERVICE INFORMATION

If an applied vehicle has a MIL "ON" and the following DTC stored in the ECM:

- P0420

Use the appropriate Service Procedure steps to determine if the bulletin applies to this vehicle. If the bulletin applies, complete the applicable Service Procedure steps to repair the incident, if it should occur.

SERVICE PROCEDURE

You will perform the following, as required:

- Determine the DTC Stored in the ECM** from the CONSULT-II Self-diagnosis results.
- ECM Part Number Check** to determine if this bulletin applies.
- ECM Reprogramming** (required if the ECM P/N in the vehicle matches one of those listed under "Current ECM P/N" in Chart A - page 2).

IMPORTANT: Do NOT replace the catalytic converters as part of this procedure.

Determine the DTC Stored in the ECM:

1. Determine which DTC code is stored in the vehicle's ECM by performing CONSULT-II Self-Diagnosis.
2. Print out the Self-Diagnosis results for use in **ECM Part Number Check**, below. See Figure 1 for an example of the CONSULT-II Self-Diagnosis printout.

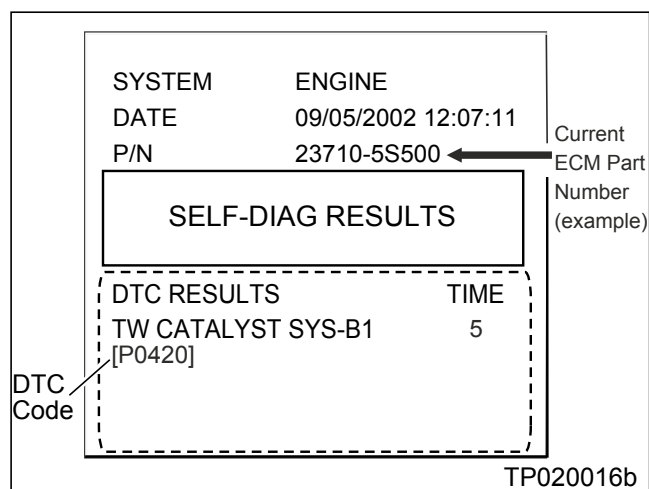


Figure 1

ECM Part Number Check

1. Compare the vehicle's current ECM P/N (from your CONSULT-II Self Diagnosis printout) to those shown under **Current ECM P/N** in **Chart A**, below:

Chart A – Current ECM P/N's:

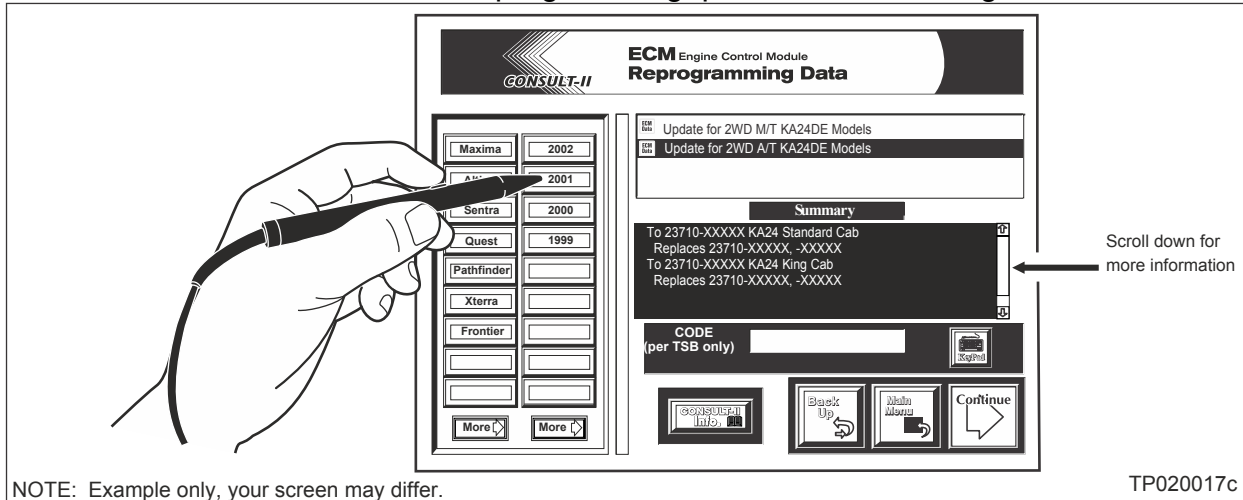
Vehicle Model	Vehicle Model Year	Vehicle Configuration	Current ECM P/N
Frontier	2001	2WD M/T KA24	23710-5S500
Frontier	2001	2WD A/T KA24 Standard Cab	23710-5S505
Frontier	2001	2WD A/T KA24 King Cab	23710-5S510
Xterra	2001	M/T KA24	23710-5S800

- A. If the ECM P/N in the vehicle **matches** one of those listed under "Current ECM P/N" in Chart A (above):
 - Look in the "Vehicle Configuration" column in Chart A (above) and determine the vehicle "configuration." Make a note of the vehicle configuration and perform **ECM Reprogramming** on page 3.
- B. If the ECM P/N in the vehicle **does not match** one of those listed under "Current ECM P/N" in Chart A (above):
 - This bulletin does not apply. Use the appropriate Electronic Service Manual (ESM) to further diagnose and repair the incident.

ECM Reprogramming

1. Perform ECM Reprogramming to install the latest available ECM data.

- If you are unfamiliar with ECM Reprogramming, click [here](#) to link to the "ECM Reprogramming For Nissan Vehicles" general procedure or refer to "ECM Reprogramming For Nissan Vehicles" in the print copy of this bulletin.
- For those familiar with ECM Reprogramming, perform the following:



NOTE: Example only, your screen may differ.

Figure 2

- A) Select model and model year for the applied vehicle (i.e. Frontier, 2001).
- B) Locate the vehicle configuration, you made note of in step 1A on page 2, from those listed in the upper right ECM data description window.
- C) Make a note of the "To" number listed in the "ECM Reprogramming Data" Summary screen.

NOTE: The "To" number will read: 23710-XXXXX.
- D) Press "Continue" and follow directions to perform data download from ASIST to CONSULT-II.
- E) When reprogramming from CONSULT-II, select the "To" number that you made note of in step C, above.

2. Use CONSULT-II to do the following:

- Confirm DTC P0420 is repaired.
- Erase the DTC code.

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	HD	32	0.7 hrs (2)

1. Reference the final CONSULT printout and use the indicated ECM P/N as the PFP.
2. Includes sufficient CONSULT diagnostic time – do not claim any other diagnostic Op Code on this claim.