

TOYOTA
TOYOTA MOTOR NORTH AMERICA, INC.

WASHINGTON OFFICE
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March 27, 2006

Ms. Jacqueline Glassman
Deputy Administrator
National Highway Traffic Safety Administration
400 Seventh Street
Washington, DC 20590

Attention: VIN Coordinator

RE: VIN Coding System for 2007 Pontiac Vibe Vehicles

Dear Ms. Glassman:

Pursuant to 49 CFR Part 565, "Vehicle Identification Number Content Requirements", on behalf of New United Motor Manufacturing, Inc., we hereby submit information on the Vehicle Identification Number Coding System applicable to 2007 model year Pontiac Vibe vehicles.

The Pontiac Vibe vehicles are assembled by New United Motor Manufacturing, Inc., but are designed by Toyota and marketed by General Motors.

We trust this information will be satisfactory.

Sincerely,

TOYOTA MOTOR NORTH AMERICA, INC.

Christopher Tinto
Vice President

CT:cc
Enclosure

Figure 1

Diagram illustrating the experimental setup for measuring the effect of temperature on the rate of reaction between hydrogen peroxide and potassium iodide.

The diagram shows a test tube containing a mixture of hydrogen peroxide (H_2O_2) and potassium iodide (KI). The test tube is placed in a water bath maintained at a constant temperature ($T^\circ C$). A gas syringe is connected to the test tube to measure the volume of oxygen gas (O_2) produced over time. The reaction is initiated by adding a catalyst (e.g., manganese(IV) oxide, MnO_2).

The reaction equation shown is:

$$H_2O_2 \rightarrow H_2O + O_2$$

The diagram also indicates the measurement of the initial concentration of hydrogen peroxide ($[H_2O_2]_0$) and the initial concentration of potassium iodide ($[KI]_0$).

2000 2001 2002 2003 2004 2005

[illegible]

PONTIAC VIBE VEHICLE IDENTIFICATION NUMBER

CODING SYSTEM

APPLICABLE TO 2007 INTRODUCTION MODEL

PONTIAC VIBE "Vehicle Identification Number" Coding System
(2007 Model)

Example

	Section 1			Section 2					Check Digit	Section 3							
Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Example	5	Y	2	S	L	6	5	8	5	7	Z	0	1	2	3	4	5

Section 1 : Manufacturer, Make and Type

	Code	Manufacturer	Make	Type
1st - 3rd Digits	5Y2	New United Motor * Manufacturing, Inc., CA, U.S.A.	PONTIAC	Passenger Car

* Vehicles are assembled by New United Motor Manufacturing, Inc., CA, U.S.A., but marketed by GM.

Section 2 : Vehicle Description Section (VDS)

		Code	Description
4th & 5th Digit	Carline & Series	SL	Vibe Base
6th Digit	Body Style	6	Model 26 All Purpose Window Four Door – Lift Gate
7th Digit	Restraint System	5	Seat belts and inflatable air bags driver & front passenger.
		7	Seat belts and inflatable air bags driver and passenger, front & side air bag, seat mounted and roof curtain side air bags.
8th Digit	Engine Type	8	1ZZ-FE 1.8l Engine

Section 3 : Vehicle Model Year, Plant of Manufacture and Serial Number

		Code	Description
10th Digit	Vehicle Model Year	7	2007 Model
11th Digit	Plant of Manufacture	Z	Fremont (CA)
12th-17th Digits	Serial Number	000001 Thru 999999	----



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Ms. Jacqueline Glassman

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