



GENERAL MOTORS NORTH AMERICA  
Structure & Safety Integration

January 20, 2006  
USG 3945

Office of the Administrator  
National Highway Traffic Safety Administration  
400 Seventh Street, SW  
Washington, DC 20590  
Attention: Mr. Coleman Sachs, Chief, Import & Certification Division

Subject: General Motors' Vehicle Identification Number decoding for  
2007 Model Year

Dear Mr. Sachs:

General Motors Vehicle Identification Numbering (VIN) Standard for 2007 Model Year dated December, 2005 rev. 1 is submitted per the VIN reporting requirements of 49 CFR Part 565.7. The information is attached in paper and electronic forms for your convenience.

If you have any questions, please contact William Biondo of our Warren, Michigan office at (586) 986-5240.

Sincerely,

Brian Latouf, Director  
Safety Regulations and  
Consumer Information

Attachment



PUT IN GM L

December, 2005

**Labels and Literature Engineering**

**LETTER NO:0005**

**SUBJECT:      GM STANDARDS FOR VEHICLE IDENTIFICATION NUMBER (VIN)**  
2007 Model Year– 1<sup>st</sup> revision

This document is a notification of the 1<sup>st</sup> Revision of the subject Standard for model year 2007. The standard can be found on the GM Intranet at [http://gmna1.gm.com/eng/labels/vin\\_assignment\\_standards.html](http://gmna1.gm.com/eng/labels/vin_assignment_standards.html) Systems.

The following are changes from Initial release for 2007 model year.

Full size Utility and Pickup models (C/K) in section C now refer to both the current GMT 800 pickups and the new GMT900 platform (pickups and SUV's)

**Section A**

Page A8, added code 'J' for Lansing Delta township plant ( builds GMT 900 product). Code 'J' al;so applies to Janesville Assembly ( GMT800 products ).

**Section B**

**Page B2**

Removed code 'N D' Malibu Classic, model no longer offered.

Removed code 'M D' Matiz, model no longer offered.

Removed code 'U D' U100, model not offered.

Removed code 'W M' Monte Carlo LT 3.5 Coupe, model cancelled.

Removed code 'W N' MonteCarlo LTZ 3.9 coupe, model cancelled.

Removed codes 'V B', 'V D', 'V P' for Epica LT, LS, and LTZ. Models not offered in 2007.

Code "Z W" Revised description from 'Malibu Maxx SS ' to Malibu SS. ( Maxx is not offered)

**Page B4**

Removed WMI '6G2' from Identifier codes line.

Code 'A J' revised Description to include new marketing names 'G4' (Mexico) and 'G5' (U.S.) 'Pursuit' remains for Canada. Added note below table.

Code 'A L' Same as line above.

Code 'A N' Same as line above.

Add code 'M G' Solstice Turbo Convertible

Removed code 'N E' Grand Am SE, model no longer offered.

Removed code 'V X', Pontiac GTO, model not offered for 2007.

Revised description for code 'Z H' to include Convertible version.

**Page B5**

Added codes 'H D'" Lucerne CXL, 'H E' Lucerne CXS, 'H P' Lucerne CX, and 'H R' Lucerne CXL (different content from code 'H D'.)

**Page B6.**

Added code 'D E' for STS-L

Revised description for code 'K D' from Deville to DTS

**Page B7.**

Revised descriptions for codes 'Z R' to Aura Hybrid, 'Z S' to Aura XE, and 'Z V' to Aura XR.

**Page B8.**

Add to code '7' descriptions , '46 – 4 door High Roof Hatchback'.

**Page B10**

Added GMDAT Restraint Code Table B3e.

PUT IN GM L

Page 2

Page B11

Code LH2, Removed E

Code L, Deleted options LNK, LBK (Both word code L)

Code 8, LX9, Deleted product 3Z .

#### Section C

Page C4

Add codes "C 0" "K 0" to Table C3b

Page C5

Revised Book 17 Product Table for Chevrolet to include "Acadia"

Page C6

Deleted Venture Model

Page C8

Revised Table C3f to include data for Buick Enclave "new product"

Revised Table C3g to include data for the Saturn Outlook "new product"

Page C11

Table C4, code 3 Four Door Cab/Utility, add "Acadia, Enclave, Outlook"

Code 3, 4dr APV, delete Venture

Page C14

Delete Code 5 'LMF', Add duplicate code Z, "LAT", code 2 delete book 6, code 6 delete book 10, code x add book 1

#### Section D

Page D3

Code 6,7,8 added H Models

Page D6

Added Codes R,U and 9

GENERAL MOTORS CORPORATION

VEHICLE IDENTIFICATION NUMBERING STANDARD  
FOR 2007 MODEL YEAR VEHICLES

IN COMPLIANCE WITH

FEDERAL MOTOR VEHICLE SAFETY REGULATION 565

1<sup>st</sup> revision, December, 2005

**North American Product Development****GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**Table of Contents

	<u>Page No</u>
GENERAL DESCRIPTION	ii
ORGANIZATION AND DESCRIPTION OF TABLES	iii
TABLES OF INTERPRETIVE DATA:	
SECTION A - GENERAL INFORMATION	
Table A1 World Make Identifiers	A1
Table A2 Check Digit Procedure	A3
Table A3 Model Year Codes	A5
Table A4 GM Plant Codes	A6
SECTION B - PASSENGER CARS	
Table B1 Vehicle Identification Number Format	B1
Table B2a Carline and Series - Chevrolet	B2
Table B2b Carline and Series - Chevrolet - non-North America	B3
Table B2c Carline and Series - Pontiac	B4
Table B2e Carline and Series - Buick	B5
Table B2f Carline and Series - Cadillac	B6
Table B2g Carline and Series - Saturn	B7
Table B3a Body Type Codes	B8
Table B3b Restraint System Codes	B9
Table B4a Engine Codes	B10
Table B4b Engine Codes - GM Affiliates - Outside North America	B12
SECTION C - MULTIPURPOSE PASSENGER VEHICLES (MPV's), LIGHT DUTY TRUCKS, AND INCOMPLETE VEHICLES	
Table C1 Vehicle Identification Number Format	C1
Table C2 GVWR/Brake Systems	C2
Table C3a Line Chassis Series - GMC	C3
Table C3b Line Chassis Series - Chevrolet	C4
Table C3d Line Chassis Series - Pontiac	C6
Table C3e Line Chassis Series - Cadillac	C7
Table C3f Line Chassis Series - Buick	C7
Table C3g Line Chassis Series - Saturn	C7
Table C3h Line Chassis Series - Hummer	C9
Table C3i Line Chassis Series - Isuzu	C9
Table C3j Line Chassis Series - Saab	C9
Table C4 Body Types	C10
Table C5a Engine Codes (From Passenger Cars)	C11
Table C5b Engine Codes	C12
Table C5c Engine Codes - GM Affiliates - Outside North America	C14
SECTION D - MEDIUM DUTY TRUCKS & INCOMPLETE VEHICLES	
Table D1 Vehicle Identification Number Format	D1
Table D2 GVWR/Brake Systems	D2
Table D3 Series	D3
Table D4 Truck Line & Cab Type	D4
Table D5 Chassis	D5
Table D6 Engine Codes	D6

**North American Product Development**

---

**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

---

General DescriptionPurpose

The purpose of this standard is to define the uniform composition of vehicle identification numbers applied to GM vehicles marketed in the United States, U.S. Territories and Canada. This GM Standard has been promulgated in compliance with U.S. Federal Motor Vehicle Safety Regulation Part 565 (FMVSR 565) administered by the National Highway Traffic Safety Administration (NHTSA) and with Canada Motor Vehicle Safety Standard 115 (CMVSS 115) administered by Transport Canada.

Certain vehicles manufactured by GM for titling and registration elsewhere in the world may have other requirements with which they must comply, thus precluding the use of this VIN Standard. However, the VIN described herein does comply with the vehicle identification numbering standard of the International Standards Organization (ISO), and should be acceptable in many countries around the world.

Maintenance & Operating Responsibilities

- # Responsibility for updating of the coding tables contained herein has been established, and is shown on each table. As soon as new information or revisions to existing tables become known, the updated tables of codes for the coming model year(s) should be submitted by the authorized activity to North American Product Engineering, Mail Code 480-210-2Y3 30001 Van Dyke Ave, Warren, MI 48090-9020. Product Engineering has responsibility for publication and dissemination of these updated hardcopy model year tables of VIN data throughout General Motors. A copy of the updating materials should be sent to Safety Affairs and Regulations (SAR), NAO Safety Center, which has responsibility for review and approval of the coding specified; this is done on behalf of the GM Vehicle Identification Numbering Technical Committee, General Assembly Council, which in turn has responsibility for design of GM VIN's.

In compliance with FMVSR 565, SAR has the responsibility for submitting these tables of VIN data, and any revisions thereto, to the Federal Government at least 60 days prior to the use of that data in the assignment of VIN's to GM vehicles, but excluding pre-production vehicles not offered for sale.

Currently, abstracts of these tables of VIN data are distributed by Consumer Relations & Service Staff, Sales & Marketing Staff, Service Technology group and other GM activities.

Requests for any changes or refinements to the information content (not coding) of these Standards should be directed to Label and Literature Engineering. The revision request must provide an appropriate explanation for the requested change. L and Lwill review revision requests and take whatever action is deemed necessary before issuing revised pages to the Standards. At minimum, all proposed changes will be coordinated through CISCO Coordinators of involved Divisions and Central Office Staffs. Upon approval of proposed revisions by involved Divisions and Staffs, revisions to the Standards will be incorporated into the text of revised pages distributed through current CISCO Coordinators of GM Divisions and Staffs.

The Engine VIN Codes for passenger cars and light-duty (LDT) trucks that are published in this standard, are also updated in the Production Order Management Systems (POMS) and the Integrated Scheduling Project (ISP) by the platform/product team Production Control and Scheduling personnel.

CISCO Coordinators of GM units will be responsible for distribution of this Standard to persons or activities of their Unit who are affected by or have a need for this information.



## North American Product Development

---

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

#### Organization and Description of Tables

The code\* definitions contained in the tables of interpretive data that follow provide for translation of the characters comprising any GM VIN, while at the same time they provide the information needed to compose the correct VIN for a GM vehicle. The tables of interpretive data are organized in Sections, and are described as follows:

- \* Only Arabic numerals and English alphabetic capital letters are permitted in GM VIN's. However, I, O (oh), and Q, and special characters are not allowed as stated in FMVSR 565.

#### SECTION A - General Information

Contains information common to the GM VIN's for all GM vehicles merchandised or manufactured in U.S. or Canada regardless of the make or type of vehicle and consists of the following tables:

##### Table A1 - GM Make Identifiers

Make identifiers are assigned to GM by SAE (formerly the Society of Automotive Engineers) to indicate the country of origin, the make of the vehicle, and the type of vehicle.

Toyota (NUMMI), Suzuki (CAMI), and ISUZU are providing NHTSA with the VIN Coding in compliance with 49CFR part 565 on an annual basis. VIN information contained in these standards on vehicles built by above manufacturers is for reference purpose only.

##### Table A2 - Model Year Codes

The code assigned is in accord with FMVSR 565 to identify the designated model year of the vehicle. This coding corresponds to the year coding assigned in International Organization Standards (ISO), standard 3779. "Model year" designates a discrete vehicle model irrespective of the calendar year in which the vehicle was actually produced, so long as the period is less than two calendar years.

The EPA 40 CFR (Code of Federal Regulations) Part 85 requires that "A specific model year must always include January 1 of the calendar year for which it is designated and may not include a January 1 of any other calendar year". Thus, the maximum duration of model year is one calendar year plus 364 days.

##### Table A3 - Check Digit

Describes the check digit calculation procedure as defined in FMVSR 565.



## North American Product Development

---

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

#### Organization and Description of Tables

##### Table A4 - GM Plant Codes

The table will contain assembly plant codes for all plants anywhere, which assemble vehicles to be sold by GM in the U.S. or Canada.

#### SECTION B - Passenger Vehicles

This Section contains the interpretive data used in a passenger vehicle VIN.

##### Table B1 - Passenger Vehicle VIN Format

This illustrates the alphanumeric attributes of each position, and references subsequent tables for decoding data fields other than those defined in Section A.

##### Table B2 - Carline and Series Codes

This table lists the carline and series codes and merchandised name for each passenger vehicle carline by division. Carline and series codes must be alphabetic only; and besides I, O, and Q, the letter A may not be assigned as a series code. Passenger car divisions and GM of Canada are responsible for maintaining the code and names assignments.

B2 tables are included for the following:

B2a Chevrolet	B2g Saturn
B2b Chevrolet non NA	B2e Buick
B2c Pontiac	B2f Cadillac

##### Table B3 - Body Style and Restraint Systems

The body types and restraint systems are individually represented by a single numeric code. Table B3 is a list of single character body style codes that are assigned to the numeric two-position body style, which describe the physical attributes of the vehicle with respect to number of doors, roof line, and passenger capacity. Table B3b lists the codes assigned to identify the type of restraint system. The types of the restraint systems are obtained from the NAO Safety and Restraint Center.

##### Table B4 - Engine Codes

Passenger car engines are coded in this table. The VIN code must designate the engine description in respect to liter displacement, cylinder arrangement, fuel type, if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.





## North American Product Development

---

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

#### Organization and Description of Tables

All car platform Powertrain Engine coordinators are responsible for providing the engine usage for this table to Label and Literature Engineering. L and L prepares a consolidated list of uniform GM engine codes by model year by extracting engine information from divisional Vehicle Description Summaries. Engine line-ups are verified by periodically distributing the preliminary engine code lists to the car group/platform engine coordinators. Only one table is given here, and it includes GM of Canada usage.

#### SECTION C - Multipurpose Passenger Vehicles (MPV's,SUT's), Light Duty Trucks, and Incomplete Vehicles

This Section contains the interpretive data used in multipurpose, light duty truck and incomplete vehicle VIN's.

#### Table C1 - MPV, Light Duty Truck & Incomplete Vehicle VIN Format

This displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN, except for those tables defined in Section A.

#### Table C2 - GVWR/Brake Systems

This table of alpha codes defines the NHTSA codes for gross vehicle weight rating (GVWR) range, together with the brake system installed.

#### Table C3 - Line Chassis Series

There are two positions. The first position is alpha and the second position is numeric. This code represents the truck line, chassis type and series within a truck line. C3 tables consist of the following:

C3a	Chevrolet		
C3b	GMC	C3e	Buick
C3c	Cadillac	C3f	Pontiac
C3g	Saturn		

#### Table C4 - Body Type

This table of numeric codes specifies the body type for this group of vehicles.

#### Tables C5a & C5b - Engine Codes

The truck platform engine coordinators are responsible for providing engine usage for table C6b. The incomplete vehicle car platforms are to provide the engines for Table C6a. The codes designate the engine description in respect to liter displacement, cylinder arrangement, fuel type, if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.



## North American Product Development

---

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

#### Organization and Description of Tables

#### SECTION D - Medium Trucks & Incomplete Vehicles

Contains the tables of coded information used in the VIN for this group of vehicles.

#### Table D1 - Truck VIN format

Displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN except for those tables in Section A.

#### Table D2 - GVWR/Brake Systems

Codes designate gross vehicle weight rating together with the vehicle brake system.

#### Table D3 - Series

This table of numeric codes identifies truck series designations.

#### Table D4 - Truck Line and Cab Type

Codes specify truck line and cab descriptions.

#### Table D5 - Chassis

Codes designate number of axles and number of driving axles.

#### Table D6 - Engine Codes

The truck platform engine coordinators are to provide the engine usage for this table. Engine codes listed in this table specify engine type, manufacturer, and fuel used. Number of cylinders and displacement in cubic inches and liters are also given.

**North American Product Development****GM VEHICLE IDENTIFICATION NUMBERING STANDARDS****A. General Information**

**TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)**  
**MAKE IDENTIFIER**

U.S.	CANADA	MEXICO	OTHER	MAKE	MANUFACTURER (other than GM)
Type: Passenger Cars					
1G1	2G1	3G1	KL1	CHEVROLET	GMDAT(KL1)
1G2	2G2	3G2	6G2, KL2	PONTIAC	Holden, (6G2), GMDAT (KL2)
1G4	2G4	3G4	---	BUICK	
1G6	---	---	LSG	CADILLAC	SGM
1G7	---	---	---	GM OF CANADA	
1G8	---	---	---	SATURN	
5Y2				Pontiac	NUMMI
W0L				Opel Roadster	
Type: Trucks					
1GC	2GC	3GC	---	CHEVROLET	
---	---	3GM	---	HOLDENS	
1GT	2GT	3GT	---	GMC	
---	---	---	---	GMC	
1GG	---	---	---	ISUZU	
Type: MPV					
1GN	---	3GN	---	CHEVROLET	
4GD	---	---	---	OPEL, VAUXHALL or HOLDEN	
1GK	---	3GK	---	GMC	
1GM	2CK---	3G7	---	PONTIAC	CAMI-GM Canada/Suzuki J.V.
---	2CN	---	---	CHEVROLET	CAMI-GM OF CANADA/SUZUKI J.V.
5GA		3G5		BUICK	
1GY	---	3GY	---	CADILLAC	
5GZ				Saturn	
4NU				Isuzu	
5GR				Hummer H2	AM General
5GT				Hummer H3	
5S3				SAAB MPV	
	2S3			Suzuki MPV	CAMMI (uses GM ordering system)

RESPONSIBILITY:  
AUTHORIZED BY:

NAO Engineering Center Operations - ERM, GM VIN Subcommittee  
GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)

#### MAKE IDENTIFIER

U.S.	CANADA	MEXICO	OTHER	MAKE	MANUFACTURER (other than GM)
------	--------	--------	-------	------	------------------------------

#### Type: Incomplete Vehicles

1GB	2GB	3GB	J8B	CHEVROLET	ISUZU
1GD	2GD	3GD	J8D	GMC	ISUZU
1GE	---	---	---	CADILLAC(Limo /Hearse)	
4GL	---	---	---	BUICK	
1G5				PONTIAC	
4GT	---	---	JAL	ISUZU	Isuzu
4KB				Chevrolet	Isuzu
4KD				GMC	Isuzu
4KL				Isuzu (W)	Isuzu
4NT				Saturn	

#### Type: Bus

1GA\$	---	---	---	CHEVROLET	
1GJ\$	---	---	---	GMC	

#### Type: Military

	2GF-	---	---	GM Military	

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

**TABLE A2:**      Check Digit Procedure (VIN position 9)

A check digit shall be provided as part of each vehicle identification number. The check digit shall occupy the ninth position in the vehicle identification number and appear as part of the number on the vehicle and on any documents containing the vehicle identification number.

The check digit is determined by carrying out the mathematical computation as follows:

- (1) Assign to each number in the vehicle identification number its actual mathematical value, and assign to each letter the value specified in the table below.

A=1	J=1	T=3
B=2	K=2	U=4
C=3	L=3	V=5
D=4	M=4	W=6
E=5	N=5	X=7
F=6	P=7	Y=8
G=7	R=9	Z=9
H=8	S=2	

- (2) Multiply the assigned value for each position in the vehicle identification number by the weight factor specified in the following table.

Position and Weight Factor

1st	8	10th	9
2nd	7	11th	8
3rd	6	12th	7
4th	5	13th	6
5th	4	14th	5
6th	3	15th	4
7th	2	16th	3
8th	10	17th	2
9th	0		

- (3) Add the resulting products and divide the total by 11.

RESPONSIBILITY:      GM VIN Subcommittee  
AUTHORIZED BY :      GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

**TABLE A2:**      Check Digit Procedure (VIN position 9)

- (4)      The remainder is the check digit, which will be inserted in the ninth position. If the remainder is 0-9, the check digit is that numeric value; if the remainder is 10, the check digit is X.

**EXAMPLE:**

VIN POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VEHICLE IDENTIFICATION NUMBER EXAMPLE	1	G	2	N	G	1	2	E	X	2	M	9	2	3	4	5	6
ASSIGNED VALUE	1	7	2	5	7	1	2	5	X	2	4	9	2	3	4	5	6
MULTIPLY BY WEIGHT FACTOR	x	x	x	x	x	x	x	x	X	x	x	x	x	x	x	x	x
	8	7	6	5	4	3	2	10	X	9	8	7	6	5	4	3	2
ADD PRODUCTS	8+49 +12+25+28 +3+4+50    X +18+32+63+12+15+16+15+12 = 362																
DIVIDE BY 11	362/11 = 32 + 10/11, remainder = 10																
Therefore CHECK DIGIT is:	X    (It will appear as the character in the 9th position of the VIN)																



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

TABLE A3:      Model Year Codes (VIN Position 10)

<u>CODE</u>	<u>YEAR</u>
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
etc.	

RESPONSIBILITY:      GM VIN Subcommittee  
AUTHORIZED BY :      GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

CODE   PLANT NAME                      STATE   OPERATING UNIT

When VIN position 2 is "G" (General Motors), and WMI is for PASSENGER CAR:

NOTE: See III for other manufacturers.

When VIN position 1 is "1" or 4" (U.S.A.):

B	LANSING – Craft Center	MI	NA-GM CORP.
F	FAIRFAX II	KS	NA-GM CORP
U	HAMTRAMCK	MI	NA-GM CORP
Y	WILMINGTON	DE	SATURN
Z	SPRING HILL	TN	SATURN
0	LANSING – Grand River	MI	NA-GM CORP
4	ORION	MI	NA-GM CORP
5	BOWLING GREEN	KY	NA-GM CORP
7	LORDSTOWN	OH	NA-GM CORP
X	NON PRODUCTION/ NON- SALEABLE BUILD		NA-GM CORP.

When VIN position 1 is "2" (Canada):

1	OSHAWA #2	ON	NA
2	STE. THERESE	PQ	NA-GM CORP
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)
9	OSHAWA #1	ON	NA-GM CORP

When VIN position 1 is "3" (Mexico):

S	RAMOS ARIZPE	MEX	NA
---	--------------	-----	----

When VIN position 1 is "6" (Australia):

L	Elizabeth	SA	Holden
---	-----------	----	--------

When VIN position 1 is "K" (S. Korea):

B	Bupyung	S. Korea	GMDAT
C	Changwon	S. Korea	GMDAT
K	Kunsan	S. Korea	GMDAT

When VIN position 1 is "L" (SGM)

0	Shanghai	China	Shanghai GM
---	----------	-------	-------------

TABLE A4: GM Plant Codes (VIN position 11)

CODE   PLANT NAME                      STATE   OPERATING UNIT

II. When VIN position 2 is "G" (General Motors), and WMI is for TRUCK:

1	OSHAWA #2	ON	NA-MCD
---	-----------	----	--------

RESPONSIBILITY:    Vehicle Platforms and Corporate Information Standards  
AUTHORIZED BY:     Corporate Information Standards





## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### A. General Information

6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)
---	-----------	----	----------------------------

When VIN position 1 is "1", "4" or "5" (U.S.A.):

B	LANSING – Craft Center	MI	NA-GM CORP.
D	DORAVILLE	GA	NA-MCD PLATFORM (APV)
E	PONTIAC	MI	GM TRUCK GROUP
F	FLINT	MI	GM TRUCK GROUP
J	JANESVILLE (GMT 800)	WI	GM TRUCK GROUP
J	Lansing- Delta Twp- (GMT 966/967)	MI	NA-GM CORP
R	ARLINGTON	TX	GM TRUCK GROUP
S	Springhill	TN	Saturn
T	SHREVEPORT (ELEC. TRK)	LA	GM TRUCK GROUP
X	NON-PRODUCTION/ NON- SALEABLE BUILD		NA-GM CORP.
Z	FORT WAYNE	IN	GM TRUCK GROUP
Ø	LANSING – Grand River	MI	NA-GM CORP
1	WENTZVILLE	MO	GM TRUCK GROUP
2	MORAINÉ	OH	GM TRUCK GROUP
6	OKLAHOMA CITY	OK	GM TRUCK GROUP
8	SHREVEPORT	LA	GM TRUCK GROUP

When VIN position 1 is "2" (Canada):

1	OSHAWA TRUCK	ON	NA-CANADA - TRUCK
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)

When VIN position 1 is "3" (Mexico):

G	SILAO	MEX
M	TOLUCA	MEX
S	RAMOS ARIZPE	MEX

#### III. Other vehicles manufactured for General Motors:

##### VIN Pos. 1 & 2 - MANUFACTURER

Z	FREMONT	CA	5Y2 - NUMMI (GM TOYOTA J.V.)
3	KAWASAKI	JAPAN	J8 - ISUZU MOTORS
7	FUJISAWA	JAPAN	J8 - ISUZU MOTORS
8	TILLSONBURG (INT'L PRODUCT CENTRE OPERATIONS)	ONT.	- Plant code required for computer system processing only.
H	Mishawaka	IN	AM General

RESPONSIBILITY: Vehicle Platforms and Corporate Information Standards  
AUTHORIZED BY: Corporate Information Standards



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B1: VIN Format

For vehicles with Make Identifier Codes:

1G1	1G2	1G4	1G6	1G8	5Y2
2G1	2G2	2G4			6G2
2C1	2C2			2C7	
3G1	3G2	3G4			
			W06		

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>	
1-3	BBN	Make Identifier	(Table A1)
4,5	AA	Carline and Series	(Tables B2)
6	N	Body Type	(Table B3a)
7	N	Restraint System	(Table B3b)
8	B	Engine Code	(Table B4)
9	B	Check Digit	(Table A2)
10	B	Model Year	(Table A3)
11	B	Plant of Manufacture	(Table A4)
12-17	NNNNNN	Sequence Number	

\* Character Type: A = Alpha Characters  
N = Numeric  
B = Both alpha and numeric

Typical GM Passenger Car VIN: 1G2NE12T✓XC280767

1-3	1G2	U.S. origin GM Pontiac Passenger Vehicle
4,5	NE	GRAND AM SE
6	1	2-Door Coupe (GM Body Style 37)
7	2	Active Belts with Driver/Passenger IRS
8	T	2.4L 4 FI
9	✓	Check digit
10	1	Model Year 2001
11	C	Lansing, MI Assembly plant
12	280767	Sequence number

RESPONSIBILITY: Vehicle Platforms and Corporate Information Standards  
AUTHORIZED BY: Corporate Information Standards



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2a: Carline and Series Codes - CHEVROLET (VIN positions 4 and 5)

For vehicles with Make Identifier Codes: 1G1, 2C1, 2G1, 3G1,  
KL1

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	J	Cobalt - Base
A	K	Cobalt LEV 1 – All models
A	L	Cobalt LEV2 – All models
A	M	Cobalt LEV3 – All models
A	P	Cobalt LEV4 – Sport coupe
A	Z	Cobalt LEV2 – Luxury Edition
J	D	Optra LS
J	K	Optra LT
T	D	Aveo Base/LS
T	G	Aveo LT
W	B	IMPALA LS Sedan
W	C	IMPALA LT Sedan
W	D	IMPALA SS Sedan
W	S	IMPALA Police Sedan
W	T	IMPALA LT 3.5 Sedan
W	U	IMPALA LTZ
W	J	MONTE CARLO LS Coupe
W	K	MONTE CARLO LT Coupe
W	L	MONTE CARLO SS Coupe
Y	Y	CORVETTE
Z	S	Malibu Base LS
Z	T	Malibu LT
Z	U	Malibu LTZ
Z	W	Malibu SS

RESPONSIBILITY: Chevrolet Div., North American Export Sales (NAES) & Intl Programs  
AUTHORIZED BY: Chevrolet Marketing, NAES Product Planning, International Programs



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2b: Carline and Series Codes - CHEVROLET (VIN positions 4 and 5) non North American market

For vehicles with Make Identifier Codes: KL1

M	C	Matiz S
M	D	Matiz ME
M	E	Matiz SE
T	C	Kalos S
T	D	Kalos L0, LII
T	E	Kalos SE
T	F	Kalos SX
J	C	Lacetti S
J	D	Lacetti EX, LUX
J	E	Lacetti CDX
J	F	Lacetti LS
V	B	Magnus TAXI
V	C	Magnus S
V	D	Magnus SX
V	E	Magnus CDX
V	F	Magnus LS
U	C	Rezzo SE, LA
U	D	Rezzo CDX

RESPONSIBILITY: Chevrolet Div., North American Export Sales (NAES) & Intl Programs  
AUTHORIZED BY: Chevrolet Marketing, NAES Product Planning, International Programs



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2c: Carline and Series Codes - PONTIAC (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G2, 2G2, 3G2, 5Y2,

<u>CARLINE</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
A	J		Pursuit/G4/G5 **
A	L		Pursuit LS /G4/G5**
A	N		Pursuit Sport /G4/G5**
M	B		SOLSTICE Convertible
M	G		Solstice Turbo Convertible
S	L	(5Y2)	Vibe FWD
S	M	(5Y2)	Vibe, AWD
S	N	(5Y2)	Vibe, GT
T	D		Wave
T	W		Wave LT
W	C		GRAND PRIX GXP Sedan
W	P		GRAND PRIX Sedan
W	R		GRAND PRIX GT Sedan
Z	F		G6 SE Sedan
Z	G		G6 SE1 Sedan
Z	H		G6 GT Coupe/sedan/Convertible
Z	M		G6 GTP Coupe/sedan

\*\* Codes noted are for Pontiac vehicles badged as a 'G4' in Mexico, G5 in the U.S., and Pursuit in Canada

RESPONSIBILITY: Oldsmobile Division and NAES  
AUTHORIZED BY : Oldsmobile Marketing and NAES Product Planning



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2e: Carline and Series Codes - BUICK (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G4, 2G4

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
H	D	LUCERNE CXL
H	P	LUCERNE CX
H	E	LUCERNE CXS
H	R	LUCERNE CXL ( different from H D )
W	C	LACROSSE CX
W	D	LACROSSE CXL
W	E	LACROSSE CXS
W	F	Allure CX
W	H	Allure CXS
W	J	Allure CXL

RESPONSIBILITY: Buick Motor Division and NAES  
AUTHORIZED BY : Buick Marketing and NAES Product Planning



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2f: Carline and Series Codes - CADILLAC (VIN positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G6, LSG

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
D	C	STS-V8
D	E	STS-L
D	M	CTS
D	N	CTS-V
D	P	CTS High Feature V6
D	R	CTS – Right Hand Drive
D	W	STS
D	X	STS-V
K	D	DTS
Y	V	XLR Roadster
Y	X	XLR -V

RESPONSIBILITY: GM of Canada  
AUTHORIZED BY : Automotive Regulatory Activities - GM of Canada



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B2g: Carline and Series Codes - SATURN (VINS positions 4 and 5)

For Vehicles with Make Identifier Codes: 1G8

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	J	ION – Sedan Level 2 – Auto (RF3)
A	K	ION – Sedan Level 3 – Man (RF4)
A	L	ION – Sedan Level 3 – Auto (RF5)
A	M	ION – Coupe Level 2 – Man (RF6)
A	N	ION – Coupe Level 2 – Auto (RF7)
A	T	ION – Coupe - Red Line
A	U	Level II - Base
A	V	ION – Coupe Level 3 – Man (RF8)
A	W	ION – Coupe Level 3 – Auto (RF9)
A	X	Level III - Base
A	Y	ION – Coupe Red Line Tuner (HMD)
A	Z	ION Level 2 Sedan Man (RF2)
M	B	Sky Convertible
M	G	Sky turbo convertible
Z	R	Aura Hybrid
Z	S	Aura XE
Z	V	Aura XR

TABLE B2f: Carline and Series Codes – Opel (VINS positions 4 and 5)

For Vehicles with Make Identifier Codes: W0L

**This vehicle produced by GMNA for Export**

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
M	G	Opel Roadster

RESPONSIBILITY: Saturn  
AUTHORIZED BY : Product Engineering Operations





## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B3a: VIN Body Style Codes (VIN position 6)

For Vehicles with Make Identifier Codes:

1G1	1G2		1G4	1G6		5Y2	1G8
2G1	2G2		2G4			6G2	
2C1	2C2				2C7		
3G1	3G2						
KL1	KL2	LSG		W0L			4G5

<u>VIN CODING</u>	<u>GM EQUIVALENT BODY CODES</u>
1	27 - Coupe, 2-door, Notchback 37 - Coupe, 2-door, Notchback 47 - Coupe, 2-door, Notchback Special 57 - Coupe, 2-door, Notchback Special
2	07 - Coupe, 2-door, Plain Back 08 - Sedan, 2-door, Plain Back, (H/Back) 77 - Coupe, 2-door, Plain Back, H/back 87 - Coupe, 2-door, Plain Back, Special
3	67 - Coupe, 2-door, Convertible
5	19 - Sedan, 4-door, 6 Window, Notchback 69 - Sedan, 4-door, 4 Window, Notchback
6	26 - ALL PURPOSE WINDOW 4 DR, lift gate 29 - Sedan, 4-door, 4 Window, Plain Back 48 - Sedan, 4 Door, 4 Window, Hatchback 68 - Sedan, 4-door, 6 Window, Plain Back, (H/Back)
7	06 - MPV, 4 door, High Roof Monocab ( Opel products) 46 - MPV, 4 door High Roof Hatchback
8	35 - Station Wagon, 4-door
9	75 - Station Wagon, 4 Door High Roof Monocab

RESPONSIBILITY: GM VIN Subcommittee, NAO Engineering Center Operations - ERM  
AUTHORIZED BY : GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

TABLE B3b: Restraint System Codes - (VIN position 7)

For Vehicles with Make Identifier Codes:

1G1	1G2	1G4	1G6	5Y2	1G8
2G1	2G2	2G4		6G2	
2C1	2C2		2C7		
3G1	3G2				
	LSG		W0L		4G5

<u>RPO</u>	<u>CODE</u>	<u>DEFINITION</u>
AK5	1	Driver & Passenger Inflatable Restraint - Front
AJ7	2	Active (Manual) Belts with Driver & Passenger Inflatable Restraint - Front and Side
AY0	3	Active (Manual) Belts with Driver & Passenger Inflatable Restraint - Front and Side & Roof
AY1	4	Active (Manual) Belts with Driver & Passenger Inflatable Restraints - Front and Roof
AK5 w/sensor	5	Driver & Passenger Inflatable Restraint - Front and Occupant Sensor
AJ7 w/sensor	6	Active (Manual) Belts with Driver & Passenger Inflatable Restraint - Front and Side and Occupant Sensor
AY0 w/sensor	7	Active (Manual) Belts with Driver & Passenger Inflatable Restraint - Front, Side and Roof and Occupant Sensor
AY1 w/sensor	8	Active (Manual) Belts with Driver & Passenger Inflatable Restraints Front and Roof and Occupant Sensor

Note: Codes 1 thru 4 are for vehicles **WITHOUT** Occupant Sensors systems.  
Codes 5 thru 8 are for vehicles **WITH** Occupant Sensors.

RESPONSIBILITY: NAO Safety and Restraint Center  
AUTHORIZED BY : GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### Passenger Cars

**TABLE B3e:    Restraint System Codes – GM DAT Vehicles (Position 7)**

For Vehicles with Make Identifier Codes:

KL1  
KL2

1	Active (Manual) Belts (w/All Position)
2	Active (Manual) Belts (w/All Positions) Frontal Inflatable Restraints (Driver)
3	Active (Manual) Belts (w/All Position) Frontal Inflatable Restraints (Driver & Passenger)
4	Active (Manual Belts (w/ All Position) Frontal Inflatable Restraints (Driver & Passenger) Side Inflatable Restraints (Driver & Passenger)
5	Active (Manual) Belts (w/ All Positions) Frontal Inflatable Restraints (Driver & Passenger) Automatic Occupant Sensor
6	Active (Manual Belts (w/All Position) Frontal Inflatable Restraints (Driver & Passenger) Side Inflatable Restraints (Driver & Passenger) Automatic Occupant Sensor
7	Active (Manual) Belts (w/All Position) Frontal Inflatable Restraints (Driver & Passenger) Side Inflatable Restraints (Driver & Passenger) Roof Inflatable Restraints (Driver & Passenger) Automatic Occupant Sensor

RESPONSIBILITY:    NAO Safety and Restraint Center  
AUTHORIZED BY :    GM VIN Subcommittee Chairman



MODEL YEAR 2007  
Section B  
Page B11  
Dec., 2005

**North American Product Development**

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

PAGE AVAILABLE FOR NOTES

RESPONSIBILITY: NAO Safety and Restraint Center  
AUTHORIZED BY : GM VIN Subcommittee Chairman



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### B. Passenger Cars

**TABLE B4a: Engine Codes (VIN position 8)**

For Vehicles with Make Identifier Codes:

1G1	1G2	1G4	1G6	5Y2	1G8
2G1	2G2	2G4		6G2	
2C1	2C2		2C7		
3G1	3G2				
KL1	KL2	LSG	W0L	4G5	4GL

RPO	Code	Engine Description	Make	Books/Brand	
LH2	A	4.6L, V8, SFI, DOHC	GM	Cad	D, Y,
LE5	B	4CYL, 2.4, MFI, DOHC, HO, ECOTEC	OPEL	Saturn, Chev, Pont	M, TA, 3A, 3Z, ZA
LS4	C	5.3L, V8, SFI, CYLINDER DEACTIVATION	GM	Pont	W
LC3	D	4.4L, V8, MFI, SC, DOHC	GM	Cad, Chev	D, Y
LS7	E	7.0L, V8, SFI	GM	Chev	Y
L61	F	2.2L, L4, MFI, DOHC	GM	Chev, Pont, Saturn,	TA, 3A, 3ZL
OPEN	G				
OPEN	H				
LG8	J	3.1L, V6, SFI, (GMM)	GM	Buick	MQ
LZE	K	3.5L, V6, SFI, (Flex fuel)	GM	Chev, Pont	W
OPEN					
OPEN					
L95	M	1.4L, L4, MFI, DOHC	Opel	Chev (GMM)	DS, ET, OS, 0X
LZ4	N	3.5L, V6, SFI,	GM	Chev	W, 3Z
LSJ	P	2.0L, L4, MFI, DOHC, SC	Lotus	Saturn	3A, ZA
LZ8	R	3.9L, V6, MFI, CD	GM	Chev	W
OPEN	S				
LP1	T	2.8L, V6, SFI, DOHC	GM	Cad	D
LS2	U	6L, V8, SFI,	GM	Chev, Cad, Buick	D, DS, Y
OPEN	V				
OPEN	W				
LNF	X	2.0L, 4cyl, DI, DOHC, Alum, turbo	GM	Pont, Saturn, Opel	M
LD8	Y	4.6L, V8, SFI, DOHC	GM	Pont, Cad, Buick	K, H
L34	Z	2.0L, L4, MFI, DOHC	GMDAT	Chev, Pont	2J
LZ9	1	3.9L, V6, SFI	GM	Chev,	3Z,
L26	2	3.8L, V6, SFI,	GM	Pont, Buick	W, H
OPEN	3				
L32	4	3.8L, V6, SFI, SUPER-CHG	GM	Pont	W
LAT	5	2.4L, 4cyl, MFI, Dohc, BAS Hybrid, Ecotec	GM	Saturn	3Z
L91	6	1.6L, L4, DOHC	GMDAT	Chev	2T (KL1)

RESPONSIBILITY: GM Powertrain Veh. Platform Engine Coord. & NAO Engrg. Ctr. Ops -ERM  
AUTHORIZED BY : Corporate Information Standards



MODEL YEAR 2007

Section B

Page B13

Dec., 2005

**North American Product Development****GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

LY7	7	3.6L, V6, SFI	GM	Sat., Buick, Cad.	D, W, 3Z
LX9	8	3.5L, V6, SFI	GM	Saturn	B
LV6	8	1.8L, L4, MFI	TOYOTA	Pont	S
L37	9	4.6L, V6, SFI	GM	Cad.	K
OPEN	0				

\* Engine option L91 has two distinct VIN engine codes 6 for GMDAT only and D for all others

**GM POWERTRAIN LEGEND:**

WRN1 = GMPTG WARREN (PREM V)

LAN = GMPTG LANSING

FLT = GMPTG FLINT

WRN = GMPTG WARREN (SM. BLK)

SAT = SATURN

RESPONSIBILITY: GM Powertrain Veh. Platform Engine Coord. & NAO Engrg. Ctr. Ops -ERM  
AUTHORIZED BY : Corporate Information Standards



## North American Product Development

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

**Table B4b** Passenger Vehicle Engine Codes Used On Vehicles Produced by GM Affiliates – Outside North America

RPO	Code	Engine Description	Make	Books/Brand
OPEN	A			0
LQ5	B	1.4L, L4, MFI, OHC	OPEL	DS, 5R, 5S, 5X
LW9	C	3.0L, V6, SFI, HO, CHINA	GM	BUICK
L91	D	1.6L, L4, MFI, DOHC	OPEL	
OPEN	E			
OPEN	F			
LS1	G	5.7L, V8, SFI,	GM	Holden / 8W
LCH	H	2.2L, L4, MFI, DOHC	OPEL	OA / OZ
OPEN	J			
OPEN	K			
	L	2.0L, L4, MFI, TURBO LOW	SAAB	FZ, S, OC, OZ
LBK	L	2.5L, L6, DOHC,	GMDAT	
L95	M	1.4L, L4, MFI, DOHC	Opel	Chev (GMM) DS, ET, 0S, 0X
L01	N	1.6L, L4, MFI, OHC	Opel	Pont DS, MQ, 5S, 5X
OPEN	P			
OPEN	R			
OPEN	S			
LD9	T	2.4L, L4, SFI, DOHC	GM	MQ, RL
LS2	U	6L, V8, SFI,	GM	Holden 8V, 8W
LW4	V	1.2L, L4, MFI, DOHC	Opel	0T
LA9	W	2.2L, L4, MFI, DOHC	Opel	5J
OPEN	X			
OPEN	Y			
LJ7	Z	1.6L, 4cyl, MFI, port deactivation	Opel	Opel 0T
2H0	1	1.8L, 4cyl, MFI, DOHC	Opel	Opel 0T
LU2	2	2.0L, 4cyl, MFI Turbo, DOHC	Opel	Opel 0T
2H9	3	1.8L, L4, MFI, DOHC	Opel	DS, 0A, 0C, 0T, 0X, 0Z
OPEN	4			
L55	5	1.6L, L4, MFI, DOHC	Opel	0T
L91	6	1.6L, L4, DOHC,	GMDAT	Chev DS, EJ, ET, 0J, 0T, 0X, 0Z, 5T, 57
LY7	7	3.6L, V6, SFI, ALUM	GM	Holden 8E, 8V, 8W,
OPEN	8			
OPEN	9			
L70	0	2.0L, L4, MFI, DOHC, TURBO	Opel	0D, 0T

RESPONSIBILITY: GM Powertrain Veh. Platform Engine Coord. & NAO Engrg. Ctr. Oper. -ERM  
AUTHORIZED BY : Corporate Information Standards



December, 2005  
North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

### C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

#### TABLE C1: VIN Format

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA	1GB	1GC	1GD	1GE	1GT	1GJ	1GK	1GN	1GM	4GL	2CG	1S9
1G5	2GB	2GC	2GD		2GT		2S3					
	3GB	3GC	3GD	3GG			3GK	3GN	3GM	3G5	3G7	
1GG		2CC			2CT		2CK	2CN				
			4GD	4GL						4NU	4NT	
1GY			5GA							5S3	5GR	5GT 5GZ

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BAB	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table C2)
5-6	AN	Line, Chassis Type and Series (Table C3)
7	N	Body Type (Table C5)
8	B	Engine Type (Table C6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

\* CHARACTER TYPE: A - Alpha Characters  
N - Numeric Characters  
B - Alpha or Numeric Characters

TYPICAL GM LIGHT DUTY TRUCK VIN: 2GCDC14R✓11132166

1-3	2GC	Canadian General Motors, Chevrolet Truck
4	D	5001/6000 lb. GVWR w/Hydraulic Brakes
5-6	C1	Full size truck 4X2, 1500 (1/2 ton)
7	4	Two Door Cab
8	R	5.7 Liter V-8 Gas Engine GMPT-Warren
9	✓	Check digit
10	2	Model Year 2002
11	1	Oshawa #2 Assembly Plant
12-17	132166	Sequence Number

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman  
General Motors Corporation





December, 2005  
North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

### C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

#### TABLE C2: GVWR/Brake Systems (VIN position 4)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA	1GB	1GC	1GD	1GE	1GT	1GJ&	1GK	1GN	1GM	4GL	2CG		1S9
&													
1G5	2GB	2GC	2GD		2GT	2S3							3GY
	3GB	3GC	3GD	3GG			3GK	3GN	3GM	3G5	3G7		
1GG		2CC			2CT		2CK	2CN					
			4GD	4GL						4NU	4NT		
1GY			5GA							5S3	5GR	5GT	5GZ

Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>GVWR RANGE</u> <u>(In pounds)</u>	<u>BRAKE</u> <u>SYSTEM</u>
A	0 - 3,000	Hydraulic
B	3001 - 4000	Hydraulic
C	4001 - 5000	Hydraulic
D	** 5001 - 6000	Hydraulic
E	* 6001 - 7000	Hydraulic
F	* 7001 - 8000	Hydraulic
G	8001 - 9000	Hydraulic
H	9001 - 10000	Hydraulic
J	10001 - 14000	Hydraulic
K	14001 - 16000	Hydraulic
L	16001 - 19500	Hydraulic
M	19501 - 26000	Air/Hydraulic
*	For Cadillac commercial chassis/vehicle	
**	For Chevrolet & Buick commercial body/chassis, use this Position 4 VIN code.	

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



December, 2005  
North American Product Development

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3a: Line Chassis Series (VIN positions 5 and 6)

**GMC**

For Vehicles with Make Identifier Codes: 1GD, 2GD, 3GD, 4GD, 1GT, 2GT, 3GT, 3GK, 1GJ, 1GK, 3GN

	<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
Book 6/Book1	C	1	4X2, 1500 (1/2 ton)Sierra/Yukon/Yukon XL
	C	2	4X2, 2500 (3/4 ton)Sierra/Yukon/Yukon XL
	C	3	4X2, 3500 (1 ton) Sierra
	C	5	3 ton (Mex only) Sierra
	C	6	** 4X2, 1500 (1/2 ton) sierra /Yukon Denali/Yukon Denali XL (Luxury)
	C	7	** 4X2, 2500 (3/4 ton) Sierra/Yukon XLLuxury
	C	8	4x2 (1 ton) Sierra ( luxury)
	K	1	4X4, 1500 (1/2 ton)Sierra/Yukon/Yukon XL
	K	2	4X4, 2500 (3/4 ton)Sierra/Yukon/Yukon XL
	K	3	4X4, 3500 (1 ton) Sierra
	K	5	GMC 3 ton (Mex only)
	K	6	** 4X4, 1500 (1/2 ton)Sierra Denali/Yukon Denali Yukon Denali XL ( Luxury)
	K	7	** 4X4, 2500 (3/4 ton)Sierra ( Luxury)
	K	8	** 4x4,3500(1 ton) Sierra (Luxury)
Book 8	G	1	Savana 4X2, 1500 (1/2 ton)
	G	2	Savana 4X2, 2500 (3/4 ton)
	G	3	Savana 4X2, 3500 (1 ton)
	H	1	Savana AWD, 1500 (1/2 ton)
	H	2	Savana AWD 2500 (3/4 ton)

\*Line / Chassis description above includes all Full Size GMC truck models. All Items below are Mid/Small ½ ton vehicles. See notes at table C5 for 'Brand' information.

Book 12/book2	S	1	Sonoma / Canyon / Envoy / Envoy XL , ½ ton 4x2
	S	6	** Envoy Denali /Envoy XL Denali ½ ton 4x2
	T	1	Sonoma / Canyon Z85 SLE / Envoy SLE / Envoy XL SLE 1/2ton 4x4
	T	6	** Envoy Denali / Envoy XL Denali ½ ton 4x4

\*\*with option Y91 – Luxury Edition \*\*\* with option Y92-Special edition

TABLE C3b: Line Chassis Series (VIN positions 5 and 6)

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman

General Motors Corporation



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

**Chevrolet**

For Vehicles with Make Identifier Codes: 1GC, 2GC, 3GC, 1GB, 2GB, 3GB, 3GK, 1GJ, 1GN, 3GN, 1GA, 2CN

	<u>Line</u> <u>Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
Book 6	C	1	4X2, 1500 (1/2 ton)Silverado/Tahoe/Suburban/Avalanche
	C	2	4X2, 2500 (3/4 ton)Silverado/Suburban/Avalanche
	C	3	4X2, 3500 (1 ton)Silverado
	C	5	Chevy 3 ton (Mex only)
	C	6	4X2, 1500 (1/2 ton) Silverado/Tahoe/Suburban/Avalanche (Luxury)
	C	7	4X2, 2500 (3/4 ton)Silverado/Suburban/Avalanche (Luxury)
	C	8	4X2, 3500 (1 ton) Silverado (Luxury)
	C	0	½ Ton 4x2 Tahoe Police/Special Service
	K	1	4X4, 1500 (1/2 ton)Silverado/Tahoe/Suburban/Avalanche
	K	2	4X4, 2500 (3/4 ton)Silverado/Suburban/Avalanche 2500
	K	3	4X4, 3500 (1 ton)Silverado
	K	5	Chevy 3 ton (Mex only)
	K	6	4X4, 1500 (1/2 ton)Silverado/Tahoe/Suburban/Avalanche(Luxury)
	K	7	4X4, 2500 (3/4 ton)Silverado/Suburban/Avalanche 2500( Luxury)
	K	8	4X4, 3500 (1 ton)Silverado (Luxury)
	K	0	½ Ton 4x4 Tahoe Police/Special Service
Book 8	G	1	Express 4X2, 1500 (1/2 ton)
	G	2	Express 4X2, 2500 (3/4 ton)
	G	3	Express 4X2, 3500 (1 ton)
	H	1	Express AWD, 1500 (1/2 ton)
	H	2	Express AWD 2500 (3/4 ton)

Line / Chassis description ABOVE includes all Full Size Chevrolet truck models. Line Chassis description below are all Mid/Small ½ ton vehicles. See notes, table C5, for 'Brand' information

	A	1		HHR LS ½ ton
	A	2		HHR LT ½ ton
Books 12 & 2	S	1		SSR / / Colorado / Trailblazer / ½ ton)
	T	1		SSR / / Colorado / Trailblazer / ½ ton /
Book 7L	L	1	WMI=2CN	Equinox LS 4X2 (-BMM)
	L	2	WMI=2CN	Equinox LS 4X4 (-BMM)
	L	6	WMI=2CN	Equinox LT 4X2 (+BMM)
	L	7	WMI=2CN	Equinox LT 4X4 (+BMM)

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman  
General Motors Corporation

---



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

Book 17	R	1		Acadia ½ Ton 4x2 Base
	R	2	**	Acadia ½ Ton 4x2 Luxury
	R	3	***	Acadia ½ Ton 4x2 Special Edition
	V	1		Acadia ½ Ton AWD Base
	V	2	**	Acadia ½ Ton AWD Luxury
	V	3	***	Acadia ½ Ton AWD Special Edition

\*\* with option Y91 – Luxury Edition \*\*\* with option Y92 Special Edition

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

TABLE C3b (continued) :      Line Chassis Series (VIN positions 5 and 6)

**Chevrolet**

For Vehicles with Make Identifier Codes: 1GC, 2GC, 3GC, 1GB, 2GB, 3GB, 3GK, 1GJ, 1GN, 3GN, 1GA

Book 18	U	0	Uplander APV 4X2 ,RWB ton base
	U	2	Uplander LS APV 4X2,RWB, ½ ton
	U	3	Uplander LT APV 4x2, RWB, ½ ton
	V	0	Uplander EWB.APV 4x2 ½ ton base
	V	1	Uplander EWB. Cargo/Mobility APV ½ ton
	V	2	Uplander EWB. LS APV ½ ton
	V	3	Uplander EWBt. LT APV ½ ton
	X	3	Uplander AWD,EWB, LT APV ½ ton)

RWB= regular wheelbase   EWB = extended wheelbase

TABLE C3d:      Line Chassis Series (VIN positions 5 and 6)

**Pontiac**

For Vehicles with Make Identifier Codes: 1GM, 3G7,1G5

<u>Line</u> <u>Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
U	0	Montana SV6 RWB 4X2 ½ ton base.U.S (Canada SAU1/Mexico 1SB )
U	2	Montana SV6 RWB 4X2 ½ ton-U.S (Canada SAU2 /Mexico 1SC
U	3	Montana SV6 RWB 4x2 ½ ton-U.S (Canada SAU3/Mexico 1SE.)
V	0	Montana SV6 EWB. 4x2 ½ ton base 1SA (Mexico 1SB)
V	1	Montana SV6 EWB. Mobility Incomplete ½ ton
V	2	Montana SV6 EWB. ½ ton-U.S (Canada 1SB /Mexico 1SC)
V	3	Montana SV6 EWB. ½ ton 1SB Domestic
V	3	Montana SV6 EWB1/2 ton U.S (Canada 1SC/Mexico 1SE)
X	2	Montana SV6 AWD ½ ton -U.S.
X	3	Montana SV6 AWD 1/2 ton Canada 1SC
Book 7L	L	6      Torrent FWD ½ ton
	L	7      Torrent AWD ½ ton

RESPONSIBILITY:      GM VIN Subcommittee  
AUTHORIZED BY:      GM VIN Subcommittee Chairman



December, 2005

North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

TABLE C3e: Line Chassis Series (VIN positions 5 and 6)**Cadillac**

For Vehicles with Make Identifier Codes: 1GE, 1GY, 3GY

<u>Line Chassis</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
H	0		Incomplete Hearse (DTS)
K	9		Incomplete Limousine (DTS)
C	6	*	Escalade/ 4X2, 1500 (1/2 ton) Luxury
K	4	**	Escalade/Escalade ESV/Escalade EXT Platinum Editions ½ ton Luxury ( GMT900)
E	6		SRX
K	6	*	Escalade/Escalade ESV/Escalade EXT 4X4, 1500 (1/2 ton) Luxury

\* with option Y91 luxury package

\*\* with options Y91 &amp; ULT, Platinum package

TABLE C3f: Line Chassis Series (VIN positions 5 and 6)**Buick**

For Vehicles with Make Identifier Codes: 4GL, 3G5, 5GA

	<u>Line Chassis</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
Book 12	S	1		Rainier 4X2
	T	1		Rainier 4X4
	A	0		Rendezvous SRV vehicle 4X2
	B	0		Rendezvous SRV vehicle 4X4
Book 18 VAN	V	1		Terraza Ext.Incomplete Mobility ½ ton
	V	2		Terraza Ext.EWB-CX ½ ton
	V	3		Terraza Ext. CXL ½ ton
	X	2		Terraza AWD Ext. CX ½ ton
	X	3		Terraza AWD Ext CXL ½ ton
Book 17 SUV	R	1		Enclave ½ Ton 4x2 Base
	R	2	**	Enclave ½ Ton 4x2 Luxury
	R	3	***	Enclave ½ Ton 4x2 Special Edition
	V	1		Enclave ½ Ton AWD Base
	V	2	**	Enclave ½ Ton AWD Luxury
	V	3	***	Enclave ½ Ton AWD Special Edition

\*\* with option Y91 – Luxury Edition \*\*\* with option Y92 Special Edition

TABLE C3g: Line Chassis Series (VIN positions 5 and 6)

RESPONSIBILITY: GM VIN Subcommittee

AUTHORIZED BY: GM VIN Subcommittee Chairman

General Motors Corporation



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

**Saturn**

For Vehicles with Make Identifier Codes: 5GZ

<u>Line</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
<u>Chassis</u>		
Z	2	Vue FWD Manual
Z	3	Vue FWD Auto
Z	4	Vue AWD 4 Cyl
Z	5	Vue FWD 6 CYL
Z	6	Vue AWD 6Cyl
V	0	Relay Ext.& RF2 4x2 ½ ton
V	1	Relay Ext. Incomplete Mobility ½ ton
V	2	Relay Ext. & RF3 ½ ton
X	2	Relay AWD & RF3 ½ ton
R	1	'Outlook' SUV' ½ ton, 2WD Base
R	2	** 'Outlook SUV' ½ ton, 2WD Luxury
R	3	*** 'Outlook SUV' ½ ton, 2WD Special
V	1	'Outlook SUV ½ ton, AWD Base)
V	2	** 'Outlook SUV' ½ ton, AWD Luxury
V	3	*** 'Outlook' SUV' ½ ton ,AWD Special

\*\* =Y91, \*\*\* = Y92

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

TABLE C3h:    Line Chassis Series (VIN positions 5 and 6)

**Hummer**

For Vehicles with Make Identifier Codes: 5GR, 5GT

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
N	2	Full Size 4X4 SUV / SUT, ¾ ton, H2
N	1	Mid Size 4X4 SUV ½ ton, H3

TABLE C3i:    Line Chassis Series (VIN positions 5 and 6)

**Isuzu**

For Vehicles with Make Identifier Codes: 4NU

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
S	1	Ascender 4X2 ½ ton
T	1	Ascender 4X4 ½ ton

TABLE C3j:    Line Chassis Series (VIN positions 5 and 6)

**SAAB**

For Vehicles with Make Identifier Codes: 5S3

<u>Line Chassis</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
T	1	SAAB, 9-7, SUV

TABLE C3k:    Line Chassis Series (VIN positions 5 and 6)

**Suzuki**

For Vehicles with Make Identifier Codes: 2S3

<u>Line Chassis</u>	<u>SERIES</u>		<u>DESCRIPTION</u>
L	1	*	Suzuki 2WD- Base ( name TBD )
L	2	*	Suzuki 2WD –Touring (name TBD)
L	3	*	Suzuki 2WD – Limited (name TBD)
L	5	*	Suzuki 4x4 –Base (name TBD)
L	6	*	Suzuki 4x4 – Touring (name TBD)
L	7	*	Suzuki 4x4 – Limited (name TBD)

RESPONSIBILITY:    GM VIN Subcommittee  
AUTHORIZED BY:    GM VIN Subcommittee Chairman





December, 2005  
North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

**TABLE C4:** \* built by CAAMI for Suzuki using GM ordering systems  
VIN Body Types (VIN position 7)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1S9
1G5	2GB	2GC	2GD		2GT							
	3GB	3GC	3GD			3GT	3GK	3GN	3GM	3G5	3G7	3GY
1GG		2CC			2CT		2CK	2CN	2S3	4NU	4NT	3GG
			4GD	4GL	4GT							
1GY			5GA							5S3	5GR	5GT 5GZ

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>DESCRIPTION</u>
0	Commercial chassis/vehicle on Series 9 (See Table C3f, Code H9, C3b, C3g , code B9) [Special commercial chassis / vehicle, Chevrolet / Buick/ Cadillac]
1	Commercial Special and RV Cutaway [Includes Chevrolet Express Commercial and RV Cutaway and GMC Savana Cargo Special Camper Special]
2	Sport Utility Truck Avalanche, Escalade EXT, Escalade EXT Platinum(GMT 900), H2 SUT
3	Four (4) Door Cab/Utility [Includes, Trailblazer, Ranier, Jimmy, Envoy, Envoy XL, Equinox, Full Size Yukon, Tahoe, Denali, Escalade, Escalade Platinum(GMT 900), H2, and Crew Cab, H3, 'Lambda' SUV's, Acadia, Enclave, Outlook]
3	Four Door-All Purpose Vehicle (See Table 3, Code U) [Montana, Uplander, Terreza, Relay,, Rendezvous(SRV), Saturn SUV, SRX, HHR]
4	Two (2) Door Cab [Colorado, SSR, Canyon, Sierra, Silverado]
5	Van [Express, Savana,]
6	Suburban, Yukon XL, Envoy XL, Denali XL, Trailblazer Ext, Ascender, Escalade ESV ,Escalade ESV Platinum(GMT900)
7	Motor Home Chassis
8	Two (2) Door Utility [Blazer, Jimmy,
9	Extended Cab/Extended Van [Colorado, Canyon, Sierra, Silverado ( 53 models) Astro, Safari, Express, Savana (705, 706)]

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C5a: Engine Codes (Passenger Car Type) (VIN position 8)

For Vehicles with an Alpha Character H only in the 5th Position

For Vehicles with Make Identifier Codes:

1GE

For all other alpha characters in 5th position, see Table C6b.

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
Y	WRN1	4.6 V8 MFI DOHC	LD8
9	WRN1	4.6 V8 MFI DOHC, HO	L37

GM Powertrain Legend: WRN1 = GMPTG WARREN (PREM V)



December, 2005

North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete VehiclesTABLE C5b: Engine Codes (VIN position 8)

For Vehicles with an Alpha Character in the 5th Position, Except B and H (see Table C6a).

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG		1S9
1G5	2GB	2GC	2GD	2GT	1GE			3G7	3G5	3GT	3GY	
1GG		2CC	3GD	2CT	2S3	2CK	2CN	3GM	4NU	4NT	3GG	
		3GC	4GD	4GL	4GT							
	3GB		5GA			3GK	3GN					
1GY								5S3	5GZ	5GR	5GT	

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

RPO	Code	Engine Description	Make	Books
LZ9	1	3.9L,V6,SFI	GM	18
LLY	2	6.6L, V8, DI, turbo diesel	GM	8
LC9	3	5.3l,flexfuel,V8,cyl deactivate,SFI	GM	1
L66	4	3.5L, 6cyl, MFI, alum	Honda	L
OPEN	5			
LMM	6	6.6L, V8, DPI, diesel	Duramax	1,6,8
LY7	7	3.6L,V6,SFI, Alum, 60 Deg	GM	B,E
L92	8	6.2L,V8,SFI,cyl deactivate, HO	GM	1
LLV	9	3.0L,L4,VVT,DOHC	GM	12
LMG	0	5.3L,V8,cyl deactivate,SFI,OHV	GM	1
LH2	A	4.6L V8, SFI, DOHC HO, Alum	GM	E
L33	B	8CYL,5.3L,SFI,HO	GM	6
LY2	C	4.8L,V8,SFI	GM	1
L61	D	2.2L, 4cyl, ALUM, DOHC,MFI	Saturn/GM (Vue)(HHR ) Allison/Duramax	L, TA
LBZ	D	6.6L,V8,DI,turbo diesel,inc HP	x	6
LLR	E	3.7L,L5,VVT,DOHC,gas	GM	12
LNJ	F	3.4L,SFI,V6,	SGM	7L
L18	G	8.1L,MFI, 8cyl, gas		6
LS2	H	8cyl,6.0L,SFI,ALUM	GM	2
LY5	J	5.3L,V8,SFI,cyl deactivate	GM	1
LY6	K	6.0L,V8,SFI,	GM	1
LX9	L	6cyl,3.5L,SFI	GM	B, 18
LH6	M	8cyl,5.3L,SFI,cyl deactivate,HO	GM	2
LQ9	N	8cyl, 6.0L , MFI		6
LE5	P	2.4L, 2.4L, L4, MFI, DOHC, HO	GM	TA
L31	R	5.7L, 8cyl,CPI	GM	GMM use 6
LL8	S	4.2L, L6, MFI, DOHC, Alum	GM	2
LM7	T	5.3L, MFI, IRON, 8 CYL	GM	6,8
LQ4	U	6.0L, MFI, IRON, 8 CYL	GM	6,8,15

RESPONSIBILITY: GM VIN Subcommittee

AUTHORIZED BY: GM VIN Subcommittee Chairman

General Motors Corporation



December, 2005  
North American Product Development

---

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

---

LR4	V	4.8L, MFI, IRON, 8 CYL	GM	1,6,8
LGD	W	3.9L,V6,SFI	GM	1,8
LU3	X	4.3L, MFI, V6	GM	,6,8
L76	Y	6.0L,V8,SFI,cyl deactivate	GM	1
L59	Z	5.3L, 8cyl, Flex Fuel, MFI,(E85)	GM	6
LAT	Z	<u>2.4L, 4cy, MFI,DOHC, BAS (for Hybrid)</u>	<u>Ecotec</u>	L

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



December, 2005  
North American Product Development

## GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

**Table C5c LT Duty Engine Codes Used On Vehicles Produced by GM Affiliates - Outside North America**

RPO	Code	Engine Description	Make	Books
LZ9	1	2.4L, L4, MFI, DOHC		RL, MQ
OPEN	2			
LW9	3	3.0L, V6, SFI, HO (China)	LAD	LL, EW, 54
LLW	4	2.0L, L4, CRI, SOHC, TURBO	GMDAT	RL
	5	OPEN		
OPEN	6			
LY7	7	3.6L, V6, SFI, Alum, 60 Deg	GM	B, E
LK5	8	2.8L, 4cyl, MFI, L4, DOHC	GM	12
LM8	9	3.2L, V6, MFI, DOHC	GM	RL
	0	open		
OPEN	A			
OPEN	B			
L34	C	2.0L, MFI, DOHC, 4CYL	SUZUKI Saturn (Vue)/GM	EV, EW, 5T, 57 0T, 0Z, TA
L61	D	2.2L, 4cyl, ALUM, DOHC, MFI	Pont /Chev	MQ, RL
LD9	E	2.4L, L4, MFI, DOHC		
OPEN	F			
L18	G	8.1L, MFI, 8cyl, gas		91, 9V
LS2	H	new 8cyl, 6.0L, SFI, ALUM	GM	8V, 8W
LB8	J	new 6cyl, 2.5L, SFI, V6 (China)	GM	EU, EW
LE6	K	new 4cyl, 2.4L, MFI, DOHC, (Brazil)	GM	5A, 5T
OPEN	L			
OPEN	M			
OPEN	N			
OPEN	P			
OPEN	R			
OPEN	S			
OPEN	T			
OPEN	U			
OPEN	V			
L35	W	4.3L, CPI, V6	WARREN	MQ
LU3	X	4.3L, MFI, V6	WARREN	96
	Y	OPEN		
OPEN	Z			

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks and Incomplete Vehicles

##### TABLE D1: VIN Format

For Vehicles with a Numeric Character in the 5th Position (See Table D3)

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D JAL
2GB	2GC	2GD	2GT	4GT	4KB 4KD 4KL

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BBA	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table D2)
5	B	Series (Table D3)
6	N	Line and Cab Type (Table D4)
7	N	Chassis (Table D5)
8	B	Engine Type (Table D6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

\* CHARACTER TYPE: A - Alpha Characters  
N - Numeric Characters  
B - Alpha or Numeric Characters

TYPICAL GM MEDIUM DUTY TRUCK VIN: 1GTM7H1M✓6J556123

1-3	1GT	U.S. General Motors, GMC Truck
4	M	26,001 - 33,000 GVWR with Air Brakes
5	7	7,000 Series
6	H	Conventional Cab, 104 inch BBC Conv.
7	1	4 X 2 Chassis
8	M	7.0 Liter V8 Gasoline Engine by GM
9	✓	Check Digit
10	6	Model Year 2006
11	F	Flint, MI Assembly Plant
12-17	100001	Sequence Number

RESPONSIBILITY: GM VIN Subcommittee  
AUTHORIZED BY: GM VIN Subcommittee Chairman



## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks & Incomplete Vehicles

TABLE D2: GVWR/Brake Systems (VIN position 4)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D	JAL
2GB	2GC	2GD	2GT	4GT	4KB	4KD 4KL

<u>CODE</u>	<u>GVWR RANGE (In Pounds)</u>	<u>BRAKE SYSTEM</u>
A	9001 - 10000	Hydraulic
B	10001 - 14000	Hydraulic
C	14001 - 16000	Hydraulic
D	14001 - 16000	Air
E	16001 - 19500	Hydraulic
F	16001 - 19500	Air
G	19501 - 23500	Hydraulic
H	19501 - 23500	Air
J	23501 - 26000	Hydraulic
K	23501 - 26000	Air
L	26001 - 33000	Hydraulic
M	26001 - 33000	Air
N	33001 - 40500	Hydraulic
P	33001 - 40500	Air
R	40501 - 48500	Hydraulic
S	40501 - 48500	Air
T	48501 - 58000	Air
V	58001 - 69500	Air
X	Glider Kit	

RESPONSIBILITY: GMC Division  
AUTHORIZED BY: Technical Data Group



## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks & Incomplete Vehicles

##### TABLE D3: Series (VIN position 5)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D	JAL
2GB	2GC	2GD	2GT	4GT	4KB	4KD 4KL

<u>CODE</u>	<u>DESCRIPTION</u>	<u>MODEL</u>
4	4500 Series Medium Duty	W4 / C4
5	5000 Series Medium Duty	C5/W5
6	6000 Series Medium Duty	C6/ T6F/H6
7	7000 Series Medium Duty	B7/C7/W7/D7/ T7F/H7
8	8000 Series Medium Duty	C8, T8F/H8

\*\* H6,H7, H8 are 'badge' names for C6, C7,C8 models with option Z89 –nameplate conversion – Isuzu.

RESPONSIBILITY: GMC Division  
AUTHORIZED BY: Technical Data Group





## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks & Incomplete Vehicles

TABLE D4:     Truck Line and Cab Type (VIN Position 6)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D	JAL
2GB	2GC	2GD	2GT	4GT	4KB	4KL

<u>CODE</u>	<u>DESCRIPTION TRUCK LINE</u>	<u>CAB TYPE</u>	<u>MODEL</u>
A	Forward/Tiltmaster	medium, tilt, 72.0 BBC	W5
B	Forward/Tiltmaster	medium, tilt, 67 BBC	W4
E	C Series,	Crew-Cab	C4E – C8E,
C	C Series	Conventional Cab	C4C – C8C
V	C Series	Cutaway Commercial Cab	C4V-C8V
U	C Series	Cutaway Motor home	C4U/C5U
J	W Series NPR/NPQ	Non tilt cab, 108 BBC	W4/W5
F	T Series	Tilt Cab 86.0 BBC	T6F – T8F

RESPONSIBILITY: GMC Division  
AUTHORIZED BY: Technical Data Group



## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks & Incomplete Vehicles

##### TABLE D5: Chassis (VIN position 7)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D	JAL	
2GB	2GC	2GD	2GT	4GT	4KB	4KD	4KL

<u>CODE</u>	<u>DESCRIPTION</u>
0	Glider Kit
1	4 x 2 - 2 Axles, 1 Driving
3	4 x 4, 2 Axles, 2 Driving
4	6 x 4 - 3 Axles, 2 Driving



## North American Product Engineering

### GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

#### D. Medium Duty Trucks & Incomplete Vehicles

TABLE D6:     Engine Codes (VIN position 8)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

	1GB 2GB	1GC 2GC	1GD 2GD	1GT 2GT	J8B 4GT	J8D 4KB	4KD
<u>CODE</u>	<u>CYL</u>	<u>Liter/Di</u>	<u>ENGINE DESCRIPTION</u>				<u>RPO</u>
<u>A</u>	<u>L6</u>	<u>7.2L</u>	<u>GM/CAT, L6, DI,CCV,DPF</u>				<u>LF6 (Bk 11)</u>
<u>B</u>	<u>L6</u>	<u>7.8L</u>	<u>Isuzu,L6,DI,turbo,DPF</u>				<u>LF8 (Bk 11)</u>
<u>C</u>	<u>L6</u>	<u>7.2</u>	<u>CAT L6 Turbo, Electronic</u>				<u>LG5 (Bk 11)</u>
<u>G</u>	<u>V8</u>	<u>8.1</u>	<u>GM Gas MFI</u>				<u>L18 (Bk 10/11)</u>
<u>R</u>	<u>V8</u>	<u>5.7L</u>	<u>GM, CPI</u>				<u>L31 (Bk 14)</u>
<u>U</u>	<u>V8</u>	<u>6.0L</u>	<u>GM, Gas, MFI</u>				<u>LQ4 (Bk 14)</u>
<u>X</u>			<u>Designation for Glider Kits - No Engine involved.</u>				
***	1	V8	6.6L	DPI, Duramax			LMM (Bk 10)
	2	V8	6.6	DI, Turbo, Diesel			LLY (Bk 10)
	3	L6	7.8	DI Turbo Diesel, I/C – Isuzu			LG4 (Bk 11)
#	4	L4	4.75	Isuzu 4HE1-XS, I/C Turbo Diesel			** IC3
#	5	L4	4.75	Isuzu 4HE1-XN I/C turbo Diesel			** IC2
#	6	L4	5.2	Isuzu I / C turbo diesel			** IL5
	9	V8	6.6L	Duramax, Diesel, DPI			LMM (Bk 10)

\*     Note: Total liability for Warranty & Servicing is Isuzu responsibility.

\*\* = None. GM codes, 4, 5 & 6 are for ISUZU / GM engines used by ISUZU/GM ordered vehicles built by ISUZU.

\*\*\* = Lt duty trucks use code '6' for this engine.

RESPONSIBILITY:     GMC Division  
AUTHORIZED BY:     Technical Data Group