

01-22-N11B



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*39/11/84*

USG 2296 Part III  
May 31, 1984

01-22-N11B-1534

Administrator  
National Highway Traffic Safety Administration  
Nassif Building  
Washington, DC 20590

Attention: VIN Coordinator

ORIGINAL

Gentlemen:

Attached to this letter is complete Vehicle Identification Number (VIN) decoding information for General Motors' 1985 model year vehicles. As such, the enclosed document contains material submitted previously (USG 2296, Part II dated April 24, 1984) as well as new material covering Sections C, D and E of the GM VIN Standard, dealing with trucks, buses, and multipurpose passenger and incomplete vehicles. The material is submitted in compliance with paragraph 565.5(d) of Federal Motor Vehicle Safety Regulation 565, Vehicle Identification Number - Content Requirements.

A foreword outlining important changes to the 1985 Model Year GM VIN format is included as part of the enclosure.

Ten copies of this submittal have been furnished to the docket room under separate cover for inclusion in Docket 01-22-N11B.

Very truly yours,

*David E. Martin*

David E. Martin, Director  
Automotive Safety Engineering

Enclosure

01 22 N11B 1534

RECEIVED



Lets Get It Together  
SAFETY BELTS SAVE LIVES



GENERAL MOTORS CORPORATION

VEHICLE IDENTIFICATION NUMBERING STANDARD

FOR 1985 MODEL YEAR VEHICLES

IN COMPLIANCE WITH

FEDERAL MOTOR VEHICLE SAFETY STANDARD (FMVSS) 115

and

FEDERAL MOTOR VEHICLE SAFETY REGULATION 565

Initial Complete Issue, May 1984




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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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1985 MODEL YEAR FOREWORD

**IMPORTANT** - Beginning with 1985 model year vehicles several changes or additions to the GM VIN system are being made:

1. The passenger car VIN format is being modified to separately code both a vehicle's carline and series. This change will affect VIN positions "4-7" in the 1985 Model Year coding as illustrated below:

VIN POSITION	MODEL YEAR(S)	
	1981-84	1985
4	Restraint System	Carline
5	Carline/Series	Series
6,7	Body Type	Body Type/Restraint System

Carline and Series Codes are displayed by passenger car division on individual tables, B2a - B2f. The title of Table B3 has been modified to indicate that it covers both Body Type and Restraint System.

2. GM will be marketing products assembled in both Mexico and Japan. Products assembled in Mexico for sale in the United States will be limited to trucks, the Chevrolet El Camino and GMC Caballero. Their VIN's will contain 3GC or 3GT respectively as the Make Identifier (Table A1).

Passenger cars assembled in Japan by Suzuki will be the Chevrolet - Sprint, and GM of Canada and Pontiac - Firefly. Their VIN's will contain JG1, JG2 or JG7 respectively as the Make Identifier (Table A1).

Passenger cars assembled in Japan by Isuzu will be the Chevrolet - Spectrum and GM of Canada - Sunburst. Their VIN's will contain J81 or J87 respectively as the Make Identifier (Table A1).

(Cont'd)



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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In addition, both Chevrolet and GMC will continue to market medium duty trucks and incomplete vehicles assembled in Japan by Isuzu. Their VIN's will contain, as appropriate, J8C, J8T, J8B or J8D as the Make Identifier (Table A1).

3. When ordered with certain seating options, some Chevrolet and GMC vans must be designated as buses because their seating capacity exceeds 10. This type of "bus" has been assigned unique Make Identifiers, 1GA, 2GA, 1G0 and 2G0 respectively to distinguish them from the intercity and intracity buses (coaches). Information for these "van" buses is found in Section C with the other light duty truck and multipurpose passenger vehicle information. The information in Section E is only be relevant to coaches.



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**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

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TABLE OF CONTENTS

	<u>Page No.</u>
<b>SECTION A - GENERAL INFORMATION</b>	
Table A1 GM Make Identifiers	A1.0
Table A2 Check Digit Procedure	A2.0
Table A3 Model Year Codes	A4.0
Table A4 GM Plant Codes	A5.0
<b>SECTION B - PASSENGER CARS</b>	
Table B1 Vehicle Identification Number Format	B1.0
Table B2a Carline and Series - Chevrolet	B2.0
Table B2b Carline and Series - Pontiac	B3.0
Table B2c Carline and Series - Oldsmobile	B4.0
Table B2d Carline and Series - Buick	B5.0
Table B2e Carline and Series - Cadillac	B6.0
Table B2f Carline and Series - GM of Canada	B7.0
Table B3 Body Types by Restraint System	B8.0
Table B4 Engine Codes	B9.0
<b>SECTION C - MULTIPURPOSE PASSENGER VEHICLES (MPV's), LIGHT DUTY TRUCKS, AND INCOMPLETE VEHICLES</b>	
Table C1 Vehicle Identification Number Format	C1.0
Table C2 GVWR/Brake Systems	C2.0
Table C3 Line and Chassis Types	C3.0
Table C4 Series	C4.0
Table C5 Body Types	C5.0
Table C6a Engine Codes (From Passenger Cars)	C6.0
Table C6b Engine Codes	C7.0
<b>SECTION D - MEDIUM AND HEAVY DUTY TRUCKS &amp; INCOMPLETE VEHICLES</b>	
Table D1 Vehicle Identification Number Format	D1.0
Table D2 GVWR/Brake Systems	D2.0
Table D3 Series	D3.0
Table D4 Truck Line & Cab Type	D4.0
Table D5 Chassis	D5.0
Table D6 Engine Codes	D6.0
<b>SECTION E - BUSES AND INCOMPLETE VEHICLES</b>	
Table E1 Vehicle Identification Number Format	E1.0
Table E2 Brake Systems	E2.0
Table E3 Line	E3.0
Table E4 Series/Length	E4.0
Table E5 Body Type/Width	E5.0
Table E6 Engine Codes	E6.0



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

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

MAKE IDENTIFIER

<u>U.S.</u> ----	<u>CANADA</u> -----	<u>MEXICO</u> -----	<u>JAPAN</u> -----	<u>MAKE</u> -----	<u>TYPE</u> -----
1G1	2G1	---	JG1 <sup>+</sup>	CHEVROLET	PASSENGER CAR
1G2	2G2	---	JG2 <sup>+</sup>	PONTIAC	PASSENGER CAR
1G3	2G3	---	---	OLDSMOBILE	PASSENGER CAR
1G4	---	---	---	BUICK	PASSENGER CAR
1G6	---	---	---	CADILLAC	PASSENGER CAR
1G7	---	---	JG7 <sup>+</sup>	GM OF CANADA	PASSENGER CAR
---	---	---	J81 <sup>++</sup>	CHEVROLET	PASSENGER CAR
---	---	---	J87 <sup>++</sup>	GM OF CANADA	PASSENGER CAR
-----					
1GC	2GC	3GC	J8C <sup>++</sup>	CHEVROLET	TRUCK
1GT	2GT	3GT	J8T <sup>++</sup>	GM TRUCK & BUS	TRUCK
-----					
1G8	2G8	---	---	CHEVROLET	MPV
1G5	2G5	---	---	GM TRUCK & BUS	MPV
-----					
1GB	2GB	---	J8B <sup>++</sup>	CHEVROLET	INCOMPLETE VEHICLE
1GD	2GD	---	J8D <sup>++</sup>	GM TRUCK & BUS	INCOMPLETE VEHICLE
1GG	---	---	---	GM TRUCK & BUS	INCOMPLETE VEHICLE
1GE	---	---	---	CADILLAC	INCOMPLETE VEHICLE
-----					
1GA	2GA	---	---	CHEVROLET	BUS
1G0	2G0	---	---	GM TRUCK & BUS	BUS
---	2GH	---	---	GM OF CANADA	BUS
1GH	---	---	---	GM TRUCK & BUS	BUS

<sup>+</sup> GM Merchandised Vehicles Built by Suzuki, Kosai, Japan.

<sup>++</sup> GM Merchandised Vehicles Built by Isuzu Motors, Kawasaki and Fujisawa, Japan.

*6*



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information (Continued)

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.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information (Continued)

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	1	A	Z	3	7	A	Y	B	D	4	2	3	4	5	6
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

ASSIGNED  
VALUE

1	7	1	1	9	3	7	1	Y	2	4	4	2	3	4	5	6
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

MULTIPLY  
BY WEIGHT  
FACTOR

x	x	x	x	x	x	x	x	Y	x	x	x	x	x	x	x	x
8	7	6	5	4	3	2	10	Y	9	8	7	6	5	4	3	2

ADD

PRODUCTS

8+49 +6 +5+36 +9+14+10 Y +18+32+28+12+15+16+15+12 = 285

DIVIDE

BY 11

285/11 = 25 + 10/11, remainder = 10

Therefore

CHECK DIGIT is: X (It will appear as the character in the 9th position of the VIN)

8



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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A. General Information (Continued)

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.	



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

<u>CODE</u>	<u>PLANT NAME</u>	<u>STATE</u>	<u>OPERATING UNIT</u>
<u>WHEN VIN POSITION 1 IS "1" (U.S.A.):</u>			
A	LAKESWOOD	GA	GMAD
B	BALTIMORE	MD	GMAD
C	LANSING (B)	MI	OLDSMOBILE
D	DORAVILLE	GA	GMAD
E	LINDEN	NJ	GMAD
F	FLINT	MI	TRUCK & BUS
G	FRAMINGHAM	MA	GMAD
H	FLINT	MI	BUICK
J	JANESVILLE	WI	GMAD
K	LEEDS	MO	GMAD
L	VAN NUYS	CA	GMAD
M	LANSING (A)	MI	OLDSMOBILE
N	NORWOOD	OH	GMAD
P	PONTIAC	MI	PONTIAC
R	ARLINGTON	TX	GMAD
S	ST LOUIS	MO	TRUCK & BUS
T	TARRYTOWN	NY	GMAD
U	HAMTRAMCK	MI	GMAD
V	PONTIAC	MI	TRUCK & BUS
W	WILLOW RUN	MI	GMAD
X	FAIRFAX	KS	GMAD
Y	WILMINGTON	DE	GMAD
Z	FREMONT	CA	-
0	PONTIAC	MI	TRUCK & BUS
1	WENTZVILLE	MO	GMAD
2	MORAIN	OH	TRUCK & BUS
3	DETROIT	MI	TRUCK & BUS
4	ORION	MI	GMAD
5	BOWLING GREEN	KY	GMAD
6	OKLAHOMA CITY	OK	GMAD
7	LORDSTOWN	OH	GMAD
8	SHREVEPORT	LA	TRUCK & BUS
9	DETROIT	MI	CADILLAC
<u>WHEN VIN POSITION 1 IS "2" (CANADA):</u>			
1	OSHAWA #2	ON	GM OF CANADA
2	STE. THERESE	PQ	GM OF CANADA
3	ST. EUSTACHE	PQ	GM OF CANADA
4	SCARBOROUGH	ON	GM OF CANADA
5	LONDON	ON	GM OF CANADA
9	OSHAWA #1	ON	GM OF CANADA



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

<u>CODE</u>	<u>PLANT NAME</u>	<u>STATE</u>	<u>OPERATING UNIT</u>
<u>WHEN VIN POSITION 1 IS "J" (JAPAN):</u>			
K	KOSAI	JAPAN	SUZUKI
3	KAWASAKI	JAPAN	ISUZU MOTORS
8	FUJISAWA	JAPAN	ISUZU MOTORS
<u>WHEN VIN POSITION 1 IS "3" (MEXICO):</u>			
S	RAMOS ARIZPE	MEXICO	GM OVERSEAS



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B1: VIN Format

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7
2G1	2G2	2G3			
JG1	JG2			JG7	
J81				J87	

<u>VIN POSITION</u>	<u>CHARACTER TYPE*</u>	<u>ATTRIBUTE</u>
1-3	BBB	Make Identifier (Table A1)
4,5	AA	Carline and Series (Tables B2)
6,7	NN	Body Type/Restraint System (Table B3)
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 = Numerics  
B = Both alpha and numeric

Typical 1985 Model Year GM Passenger Car VIN: 1G1GZ37H0FR123456

1-3	1G1	U.S. origin GM Chevrolet Passenger Vehicle
4,5	GZ	Monte Carlo
6,7	37	2-Door Sport Coupe with manual belts
8	H	5.0L V8 4-barrel Chevrolet engine
9	0	Check digit
10	F	Model Year 1985
11	R	Arlington, TX assembly plant
12-17	123456	Sequence number

12



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

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

For vehicles with Make Identifier Codes: 1G1, 2G1, JG1, J81

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	W	CELEBRITY
B	L	IMPALA
B	N	CAPRICE CLASSIC
F	P	CAMARO SPORT COUPE
F	S	CAMARO BERLINETTA
G	Z	MONTE CARLO
J	C	CAVALIER
J	D	CAVALIER CS
J	E	CAVALIER TYPE 10
M	R	SPRINT
R	F	SPECTRUM - LEVEL I
R	G	SPECTRUM - LEVEL II
T	B	CHEVETTE CS
T	J	CHEVETTE
X	H	CITATION II COUPE
X	X	CITATION II
Y	Y	CORVETTE



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

TABLE B2b: Carline and Series Codes - PONTIAC (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G2, 2G2, JG2

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	F	PONTIAC 6000
A	G	PONTIAC 6000 LE
A	H	PONTIAC 6000 STE
B	L	PARISIENNE
B	T	PARISIENNE BROUGHAM
F	S	FIREBIRD
F	W	FIREBIRD TRANS AM
F	X	FIREBIRD SE
G	J	GRAND PRIX
G	K	GRAND PRIX LE
G	N	BONNEVILLE
G	P	GRAND PRIX BROUGHAM
G	R	BONNEVILLE BROUGHAM
G	S	BONNEVILLE LE
J	B	SUNBIRD
J	C	SUNBIRD LE
J	D	SUNBIRD SE
N	E	GRAND AM
N	V	GRAND AM LE
P	E	FIERO COUPE
P	F	FIERO SE COUPE
P	G	FIERO GT COUPE
P	M	FIERO SPORT COUPE
T	L	PONTIAC 1000
M	R	FIREFLY



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

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

For Vehicles With Make Identifier Codes: 1G3, 2G3

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	J	CUTLASS CIERA LS and CUTLASS CRUISER WAGON
A	M	CUTLASS CIERA BROUGHAM
B	N	DELTA 88 ROYALE
B	P	CUSTOM CRUISER STATION WAGON
B	V	DELTA 88 ROYAL BROUGHAM LS
B	Y	DELTA 88 ROYALE BROUGHAM
C	W	98 REGENCY BROUGHAM
C	X	98 REGENCY
E	Z	TORONADO BROUGHAM
G	K	CUTLASS SALON COUPE
G	M	CUTLASS SUPREME BROUGHAM
G	R	CUTLASS SUPREME
J	C	FIRENZA
J	D	FIRENZA BROUGHAM
N	F	CALAIS
N	T	CALAIS SUPREME



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

TABLE B2d: Carline and Series Codes - BUICK (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G4

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	G	CENTURY T-TYPE
A	H	CENTURY CUSTOM
A	L	CENTURY LIMITED
B	N	LE SABRE CUSTOM
B	P	LE SABRE LIMITED
B	R	LE SABRE ESTATE WAGON
B	V	ELECTRA ESTATE WAGON
C	F	ELECTRA T-TYPE
C	W	ELECTRA PARK AVENUE
C	X	ELECTRA
E	Y	RIVIERA T-TYPE
E	Z	RIVIERA LUXURY
G	J	REGAL
G	K	REGAL T-TYPE
G	M	REGAL LIMITED
J	E	SKYHAWK T-TYPE
J	S	SKYHAWK CUSTOM
J	T	SKYHAWK LIMITED
N	J	SOMERSET REGAL
N	M	SOMERSET REGAL LIMITED
X	B	SKYLARK CUSTOM
X	C	SKYLARK LIMITED
X	D	SKYLARK T-TYPE

16



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

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

For Vehicles With Make Identifier Codes: 1G6

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
C	B	FLEETWOOD (FWD)
C	D	DEVILLE (FWD)
C	H	FLEETWOOD LIMOUSINE (FWD)
D	W	FLEETWOOD BROUGHAM (RWD)
E	L	ELDORADO
J	G	CIMARRON
K	S	SEVILLE



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

TABLE B2f: Carline and Series Codes - GM OF CANADA (VINS positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G7, JG7, J87

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
T	B	ACADIAN
T	J	ACADIAN SCOOTER
M	R	FIREFLY
R	F	SUNBURST
R	G	SUNBURST LE



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

TABLE B3: Body Types by Restraint System (VIN positions 6 & 7)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7
2G1	2G2	2G3			
JG1	JG2			JG7	
J81				J87	

<u>CODE</u>	<u>DESCRIPTION</u> (Including manual belts)
07	Coupe 2 door plain back (hatchback)
08	Sedan 2 door plain back (hatchback)
11	Sedan 2 door notchback
19	Sedan 4 door 6 window notchback
23	Sedan 4 door 6 window notchback auxilliary seat
27	Coupe 2 door notchback
33	Sedan 4 door 6 window notchback auxilliary seat (center partition)
35	Station Wagon 4 door 2 seat
37	Coupe 2 door notchback special
47	Coupe 2 door notchback special
57	Coupe 2 door notchback special
67	Coupe 2 door convertible
68	Sedan 4 door 6 window plain back hatchback
69	Sedan 4 door 4 window notchback
77	Coupe 2 door plain back hatchback
87	Coupe 2 door plain back special



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B4: Engine Codes (VIN position 8)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7
2G1	2G2	2G3	2G4		
JG1	JG2				JG7
J81					J87

<u>CODE</u>	<u>ENGINE DESCRIPTION</u>	<u>DESIGN BY</u>
A	3.8L V6 2	Buick
C	1.6L L4 2	Chev
D	1.8L L4 Die	Isuzu
E	3.0L V6 2	Buick
F	5.0L V8 EFI	Chev
G	5.0L V8 4	Chev
H	5.0L V8 4	Chev
J	1.8L L4 MFI	Pont
K	1.5L L4 2	Isuzu
L	3.0L V6 MFI	Buick
M	1.0L L3 2	Suzuki
N	5.7L V8 Die	Olds
P	2.0L L4 TBI	Chev
R	2.5L L4 TBI	Pont
S	2.8L V6 MFI	Chev
T	4.3L V6 Die	Olds
U	2.5L L4 TBI	Pont
V	4.3L V6 Die	Olds
W	2.8L V6 MFI	Chev
X	2.8L V6 2	Chev
Y	5.0L V8 4	Olds
Z	4.3L V6 TBI	Chev
0	1.8L L4 TBI	Pont
2	2.5L L4 EFI	Pont
3	3.8L V6 MFI	Buick
5	1.5L L4 Die	Isuzu
6	5.7L V8 4	Chev
7	4.3L V6 Die	Olds
8	4.1L V8 DFI	Cad
8	5.7L V8 MFI	Chev
9	2.8L V6 MFI	Pont
9	3.8L V6 SFI	Buick
9	5.0L V8 4	Olds



**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & 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 <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1GO <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2GO <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>VIN POSITION</u>	<u>CHARACTER TYPE*</u>	<u>ATTRIBUTE</u>
1-3	NAB	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table C2)
5	A	Line and Chassis Type (Table C3)
6	N	Series (Table C4)
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 1985 MODEL GM LIGHT DUTY TRUCK VIN: 1GTDK14J3FF512345**

1-3	1GT	U.S. General Motors, GMC Truck
4	D	5001/6000 lb. GVWR w/Hydraulic Brakes
5	K	Conventional Cab 4 x 4
6	1	1/2 Ton
7	4	Two Door Cab
8	J	6.2 Liter Diesel Engine by Chevrolet
9	3	Check Digit
10	F	Model Year 1985
11	F	Flint, MI Assembly Plant
12-17	512345	Sequence Number



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & 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 <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1G0 <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2G0 <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>GVWR RANGE (In pounds)</u>	<u>BRAKE SYSTEM</u>
B	3001 - 4000	Hydraulic
C *	4001 - 5000	"
D **	5001 - 6000	"
E	6001 - 7000	"
F	7001 - 8000	"
G	8001 - 9000	"
H	9001 - 10000	"
J	10001 - 14000	"
K	14001 - 16000	"

\* For Chevrolet El Camino and Panel Delivery, and GMC Caballero, use this position 4 VIN Code.

\*\* For Cadillac short sill cowl, use this Position 4 VIN code.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & Incomplete Vehicles

TABLE C3: Line and Chassis Types (VIN position 5)

For Vehicles with an Alpha Character in the 5th Position

For Vehicles with Make Identifier Codes:

1GA <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1G0 <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2G0 <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>LINE DESCRIPTION</u>	<u>CHASSIS TYPE DESCRIPTION</u>
C	*Conventional Cab	4 X 2 Chassis Type
D	Military Truck	4 X 4 Chassis Type
K	*Conventional Cab	4 X 4 Chassis Type
S	*Small Conventional Cab	4 X 2 Chassis Type
T	*Small Conventional Cab	4 X 4 Chassis Type
P	Forward Control	4 X 2 Chassis Type
G	**Van	4 X 2 Chassis Type
M	**Small Van	4 X 2 Chassis Type
W	***Special Pickup and Panel Delivery from Passenger Car	4 X 2 Chassis Type
Z	Special Body from Cadillac Passenger Car	4 X 2 Chassis Type

\* Includes C/K Suburbans, and both C/K and S/T Chevrolet Blazers and GMC Jimmys.

\*\* Includes Chevrolet Vans and Sport Vans and GMC Vanduras and Rallys.

\*\*\* Chevrolet El Camino and Panel Delivery, and GMC Caballero.



**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & Incomplete Vehicles**

**TABLE C4: Series (VIN position 6)**

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

For Vehicles with Make Identifier Codes:

1GA <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1G0 <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2G0 <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>DESCRIPTION</u>
1	1/2 ton nominal
2	3/4 ton nominal
3	1 ton nominal
8	* 1/2 ton nominal special from passenger car
9	Special Cadillac short sill cowl

\* Chevrolet El Camino and GMC Caballero




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 GM VEHICLE IDENTIFICATION NUMBERING STANDARDS
 

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C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & Incomplete VehiclesTABLE C5: 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 <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1G0 <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2G0 <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>DESCRIPTION</u>
0	Pickup Delivery and Panel Delivery on Series 8 (See Table C4)
0	Short sill cowl on Series 9 (See Table C4)
1	Hi-Cube and Cutaway Van*
2	Forward Control
3	Four (4) Door Cab
4	Two (2) Door Cab
5	Van
6	Suburban
7	Motor Home Chassis
8	Utility
9	Stake

\* Includes GMC Magnavan and Chopped Van models.



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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

TABLE C6a: Engine Codes (Passenger Car Type) (VIN position 8)

For Vehicles with an Alpha Character W or Z only in the 5th Position

For Vehicles with Make Identifier Codes:

1GE 3GC  
3GT

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

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>
A	Buick	3.8L V6 2BBL
H	Chevrolet	5.0L V8 4BBL
N	Oldsmobile	5.7L V8 Diesel
Z	Chevrolet	4.3L V6 TBI
6	Cadillac	6.0L V8 4BBL
8	Cadillac	4.1L V8 DFI



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses<sup>§</sup> & Incomplete Vehicles

TABLE C6b: Engine Codes (VIN position 8)

For Vehicles with an Alpha Character in the 5th Position  
 Except W or Z (for which see Table C6a).

For Vehicles with Make Identifier Codes:

1GA <sup>§</sup>	1GB	1GC	1GD	1GE	1GT	1G0 <sup>§</sup>	1G5	1G8
2GA <sup>§</sup>	2GB	2GC	2GD		2GT	2G0 <sup>§</sup>	2G5	2G8
		3GC			3GT			

<sup>§</sup> Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>
A	Isuzu	1.9L L4 2BBL
B	Chevrolet	2.8L V6 2BBL
C	Chevrolet	6.2L V8 Diesel
D	Chevrolet	4.1L L6 2BBL
E	Pontiac	2.5L L4 TBI
F	Chevrolet	5.0L V8 4BBL
H	Chevrolet	5.0L V8 4BBL
J	Chevrolet	6.2L V8 Diesel
K	Chevrolet	5.7L V8 LPG
L	Chevrolet	5.7L V8 4BBL
M	Chevrolet	5.7L V8 4BBL
N	Chevrolet	4.3L V6 4BBL
S	Isuzu	2.2L L4 Diesel
T	Chevrolet	4.8L L6 1BBL
W	Chevrolet	7.4L V8 4BBL
Y	Chevrolet	2.0L L4 2BBL



**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**D. Medium and Heavy 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  
 2GB 2GC 2GD 2GT J8C J8T

<u>VIN POSITION</u>	<u>CHARACTER TYPE*</u>	<u>ATTRIBUTE</u>
1-3	NBB	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table D2)
5	N	Line and Chassis Type (Table D3)
6	B	Series (Table D4)
7	N	Body Type (Table D5)
8	A	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 1985 MODEL GM MEDIUM OR HEAVY DUTY TRUCK VIN: 1GTM7D1E7FV556123**

1-3	1GT	U.S. General Motors, GMC Truck
4	M	26,001 - 333,000 GVWR with Air Brakes
5	7	7,000 Series
6	D	Conventional Cab, 97.5 inch BBC
7	1	4 X 2 Chassis
8	E	7.0 Liter V8 Gasoline Engine by GM
9	7	Check Digit
10	F	Model Year 1985
11	V	Pontiac, MI Assembly Plant
12-17	556123	Sequence Number




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 GM VEHICLE IDENTIFICATION NUMBERING STANDARDS
 

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 D. Medium and Heavy 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:

 1GC 1GT 1GB 1GD J8B J8D  
 2GC 2GT 2GB 2GD J8C J8T

<u>CODE</u>	<u>GVWR RANGE</u> (In Pounds)	<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
W	69501 - Over	Air
X	Glider Kit (Not defined by FMVSS 115)	



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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D. Medium and Heavy 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:

1GC 1GT 1GB 1GD J8B J8D  
2GC 2GT 2GB 2GD J8C J8T

<u>CODE</u>	<u>DESCRIPTION</u>
4	4500 Series Medium Duty
5	5000 Series Medium Duty
6	6000 Series Medium Duty
7	7000 Series Medium Duty
8	8000 Series Heavy Duty
9	9500 Series Heavy Duty



**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

**D. Medium and Heavy 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:

1GC 1GT 1GB 1GD J8B J8D  
 2GC 2GT 1GB 2GD J8C J8T

<u>CODE</u>	<u>DESCRIPTION TRUCK LINE</u>	<u>CAB TYPE</u>
A	Medium Steel Tilt	72.5 in. BBC Tilt
C	Heavy Conventional Steel	92.5 in. BBC Conventional
D	Medium Conventional	97.5 in. BBC Conventional
E	Heavy Conventional Aluminum	108 in. BBC Conventional
F	Heavy Conventional Aluminum	116 in. BBC Conventional
K	Aluminum Tilt	57 in. BBC Tilt
L	Aluminum Tilt	87 in. BBC Tilt
P	Bus Chassis	Flat Back Cowl
S	Bus Chassis	Other than Flat Back Cowl
T	Forward Control	Chassis only
2	Medium Conventional Steel	97.5 in. BBC -Other than Cab Chassis

BBC = Bumper to Back of Cab



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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D. Medium and Heavy 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:

1GC 1GT 1GB 1GD J8B J8D  
2GC 2GT 2GB 2GD J8C J8T

<u>CODE</u>	<u>DESCRIPTION</u>
0	Glider Kit (Not defined by FMVSS 115)
1	4 x 2 2 Axles 1 Driving
2	4 x 4 2 Axles 2 Driving
3	6 x 2 3 Axles 1 Driving
4	6 x 4 3 Axles 2 Driving
5	6 x 6 3 Axles 3 Driving



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium and Heavy 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:

1GC 1GT 1GB 1GD J8B J8D  
 2GC 2GT 2GB 2GD J8C J8T

<u>CODE</u>	<u>CYL</u>	<u>CID</u>	<u>L</u>	<u>BBL</u>	<u>ENGINE DESCRIPTION</u>
A	8	350	5.7	2	GM V8 Gasoline
B	8	366	6.0	4	GM V8 Gasoline
C	6	855	14.0		Cummins 240-400 -NTC Diesel Series
E	8	427	7.0	4	GM V8 Gasoline
F	8		8.2		GM 8.2N Diesel
G	8		8.2		GM 8.2T Diesel
J	6	552	9.0		GM 6V-92 Diesel
K	8	736	12.1		GM 8V-92 Diesel
L	6		6.1		Deutz BF 6L 913 Diesel
M	6	426	7.0		GM 6V-71 Diesel
N	6		5.8		Isuzu 6BD1-T
R	6	893	14.6		Caterpillar 3406 Diesel
T	6	292	4.8	1	GM L6 Gasoline
V	6	318	5.2		GM 6V-53 Diesel
W	6		10.0		Cummins 10L Diesel
X					Designation for Glider Kits - No Engine involved.
Y	8	636	10.4		Caterpillar 3208 Diesel
Z	6	426	7.0		GM 6-71 Diesel



**GM VEHICLE IDENTIFICATION NUMBERING STANDARDS**

E. Coaches and Incomplete Vehicles

TABLE E1: VIN Format

For Vehicles with Make Identifier Codes:

1GG 1GH 2GH

<u>VIN POSITION</u>	<u>CHARACTER TYPE*</u>	<u>ATTRIBUTE</u>
1-3	NAB	GM Make Identifier (Table A1)
4	A	Brake System (Table E2)
5	A	Line (Table E3)
6	N	Series/Length (Table E4)
7	N	Body Type/Width (Table E5)
8	A	Engine Code (Table ED6)
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 1985 MODEL GM COACH VIN: 1GHYT76J8FV123456

1-3	1GH	U.S. General Motors, GMC Transit Coach
4	Y	Air Brakes
5	T	Transit Coach
6	7	Body Length, 35 feet
7	6	Body Width, 96 inches
8	J	9.0 Liter V6 Diesel Engine by GM
9	8	Check Digit
10	F	Model Year 1985
11	V	Pontiac, MI Assembly Plant
12-17	123456	Sequence Number



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Coaches and Incomplete Vehicles

TABLE E2: Brake Systems (VIN position 4)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GH

<u>CODE</u>	<u>DESCRIPTION</u>
Y	Air



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Coaches and Incomplete Vehicles

TABLE E3: Line (VIN position 5)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GH

<u>CODE</u>	<u>DESCRIPTION</u>
T	Transit Coach
R	Articulated Coach



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Coaches and Incomplete Vehicles

TABLE E4: Series/Length (VIN position 6)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GH

<u>CODE</u>	<u>DESCRIPTION</u>
7	35 ft. Body Length
8	40 ft. Body Length
9	60 ft. Body Length



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Coaches and Incomplete Vehicles

TABLE E5: Body Type/Width (VIN position 7)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GH

<u>CODE</u>	<u>DESCRIPTION</u>
6	96 inches Wide
2	102 inches Wide



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Coaches and Incomplete Vehicles

TABLE E6: Engine Codes (VIN position 8)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GH

<u>CODE</u>	<u>DESCRIPTION</u>
J	6 Cylinder Diesel    Detroit Diesel Allison 6V92
W	6 Cylinder Diesel    Detroit Diesel Allison 6V71