

to 7/25/86 poly 39 (ED)



ORIGINAL

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01-22-N11B-2345

USG 2494  
July 23, 1986

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

Attention: VIN Coordinator

Gentlemen:

Attached to this letter is complete Vehicle Identification Number (VIN) decoding information for General Motors' 1987 model year vehicles. The material is submitted in compliance with paragraph 565.5(d) of Federal Motor Vehicle Safety Regulation 565, Vehicle Identification Number - Content Requirements.

Several significant changes in coding are identified in the Introduction to the attached 1987 GM VIN decoding information.

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,

for

David E. Martin, Director  
Automotive Safety Engineering

Attachment



Let's Get It Together  
SAFETY BELTS SAVE LIVES

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GENERAL MOTORS CORPORATION

VEHICLE IDENTIFICATION NUMBERING STANDARD

FOR 1987 MODEL YEAR VEHICLES

IN COMPLIANCE WITH

FEDERAL MOTOR VEHICLE SAFETY STANDARD (FMVSS) 115

and

FEDERAL MOTOR VEHICLE SAFETY REGULATION 565

Issued July, 1986



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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 GM VEHICLE IDENTIFICATION NUMBERING STANDARDS
 

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## INTRODUCTION

Beginning with the 1987 model year General Motors is introducing several significant changes to its 17 character VIN.

The first of these involves several of the World Manufacturer Identifiers (WMI's) used to identify GM's makes and types of vehicles. These changes to the WMI's (VIN positions 1-3) are being made in an effort to make decoding of the plant of manufacture more positive. This change affects the following U.S. and Canadian WMI's:

<u>MAKE &amp; TYPE OF VEHICLE</u>	<u>CURRENT WMI</u>	<u>NEW WMI</u>
GMC TRUCK, BUS*	1G0/2G0	1GJ/2GJ
GMC TRUCK, MPV	1G5/2G5	1GK/2GK
CHEVROLET, MPV	1G8/2G8	1GN/2GN

\* Used for 10 or more passenger van type vehicles only, not for intracity or intercity coaches.

With these changes all GM passenger car makes will have a numerical character in the third position of the VIN. All trucks, buses, mpv's and incomplete vehicles will have an alphabetical character in the third position of the VIN. The WMI's being taken out of use will not be reidentified during the 1987 model year.

The second change involves VIN positions 6 and 7. GM has long used a two digit body style code. With the introduction of additional passenger restraint systems it has become necessary to alter our VIN identification of body style. Beginning with the 1987 model year GM will use a one digit code in VIN position 6 to identify the body type. The codes, their description, and the GM body styles encompassed by each code will be found in Table B3a on page B8.0.

VIN position 7 will be dedicated to identifying the type of restraint system that will be found in the front outboard seating positions of GM vehicles. The two codes appropriate to 1987 model GM products and their definitions can be found in Table B3b on page B9.0. Additional codes will be identified as other types of restraint systems are introduced.

Finally, those familiar with light duty trucks will note that Table C3 on page C3.0 does not contain the codes "C" or "K" long associated with full size 2 wheel and 4 wheel drive GM trucks. These have been replaced by the codes "R" and "V". It is anticipated that the "C" and "K" codes will be reintroduced as identifiers for future GM truck products.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

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

<u>MAKE IDENTIFIER</u>					<u>MANUFACTURER</u>
<u>U.S.</u>	<u>CANADA</u>	<u>MEXICO</u>	<u>JAPAN</u>	<u>MAKE</u>	<u>(other than GM)</u>
----	-----	-----	-----	-----	-----
Type: Passenger Cars					
1G1	2G1	---	JG1	CHEVROLET	SUZUKI
1G2	2G2	---	JG2	PONTIAC	SUZUKI
1G3	2G3	---	---	OLDSMOBILE	
1G4	---	---	---	BUICK	
1G6	---	---	---	CADILLAC	
1G7	---	---	JG7	GM OF CANADA	SUZUKI
---	---	---	J81	CHEVROLET	ISUZU
---	---	---	J87	GM OF CANADA	ISUZU
1Y1	---	---	---	CHEVROLET	NUMMI
Type: Trucks					
1GC	2GC	3GC	J8C	CHEVROLET	ISUZU
1GT	2GT	3GT	J8T	TRUCK & BUS	ISUZU
Type: MPV					
1GN	2GN	---	---	CHEVROLET	
1GK	2GK	---	---	TRUCK & BUS	
Type: Incomplete Vehicles					
1GB	2GB	---	J8B	CHEVROLET	ISUZU
1GD	2GD	---	J8D	TRUCK & BUS	ISUZU
1GG@	---	---	---	TRUCK & BUS	
1GE	---	---	---	CADILLAC	
---	2GG@	---	---	GM OF CANADA	
Type: Bus					
1GA\$	2GA\$	---	---	CHEVROLET	
1GJ\$	2GJ\$	---	---	TRUCK & BUS	
---	2GH*	---	---	GM OF CANADA	
1GH*	---	---	---	TRUCK & BUS	

@ Specific to incomplete Coaches

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

\* Specific to GMC and GM of Canada Coaches




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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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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)



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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>
I. When VIN position 2 is "G" (General Motors), <u>and</u> position 3 is NUMERIC (PASSENGER CAR):			

NOTE: See III for GM marketed products produced by other manufacturers.

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

A	LAKEWOOD	GA
C	LANSING	MI
D	DORAVILLE	GA
E	LINDEN	NJ
G	FRAMINGHAM	MA
H	FLINT	MI
J	JANESVILLE	WI
K	LEEDS	MO
L	VAN NUYS	CA
M	LANSING	MI
N	NORWOOD	OH
P	PONTIAC	MI
R	ARLINGTON	TX
T	TARRYTOWN	NY
U	HAMTRAMCK	MI
W	WILLOW RUN	MI
X	FAIRFAX	KS
Y	WILMINGTON	DE
1	WENTZVILLE	MO
4	ORION	MI
5	BOWLING GREEN	KY
6	OKLAHOMA CITY	OK
7	LORDSTOWN	OH
9	DETROIT	MI

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

1	OSHAWA #2	ON
2	STE. THERESE	PQ
9	OSHAWA #1	ON



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>
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II. When VIN position 2 is "G" (General Motors), and position 3 is ALPHA (TRUCK, MPV AND INCOMPLETE VEHICLES.)

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

B	BALTIMORE	MD
E	PONTIAC	MI
F	FLINT	MI
J	JANESVILLE	WI
S	ST LOUIS	MO
V	PONTIAC	MI
Z	FORT WAYNE	IN
0	PONTIAC	MI
2	MORAINÉ	OH
3	DETROIT	MI
7	LORDSTOWN	OH
8	SHREVEPORT	LA

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

1	OSHAWA #2	ON
3	ST. EUSTACHE	PQ
4	SCARBOROUGH	ON
5	LONDON	ON

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

S	RAMOS ARIZPE	MEXICO	GM OVERSEAS - TRUCK
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III. Other manufacturer's vehicles marketed by General Motors:

			<u>VIN Pos. 1 &amp; 2 - MANUFACTURER</u>
K	KOSAI	JAPAN	JG - SUZUKI
Z	FREMONT	CA	1Y - NUMMI
3	KAWASAKI	JAPAN	J8 - ISUZU MOTORS
8	FUJISAWA	JAPAN	J8 - ISUZU MOTORS



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B1: VIN Format

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7	1Y1
2G1	2G2	2G3				
JG1	JG2				JG7	
J81					J87	

<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 = Numerics  
 B = Both alpha and numeric

Typical GM Passenger Car VIN: 1G1GZ11HOHR123456

1-3	1G1	U.S. origin GM Chevrolet Passenger Vehicle
4,5	GZ	Monte Carlo
6	1	2-Door Notchback (Body Style 37)
7	1	Manual Belts
8	H	5.0L V8 TBI
9	0	Check digit
10	H	Model Year 1987
11	R	Arlington, TX assembly plant
12-17	123456	Sequence number



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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, 1Y1

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	W	CELEBRITY
B	L	CAPRICE
B	N	CAPRICE CLASSIC
B	U	CAPRICE BROUGHAM
F	P	CAMARO SPORT COUPE
G	Z	MONTE CARLO
J	C	CAVALIER
J	D	CAVALIER CS
J	E	CAVALIER RS & CONVERTIBLE
J	F	CAVALIER Z24
L	T	CORSICA
L	V	BERETTA
M	R (JG1)	SPRINT
M	S (JG1)	SPRINT ER
R	F (J81)	SPECTRUM COUPE
R	G (J81)	SPECTRUM SEDAN
S	K (1Y1)	NOVA
T	B	CHEVETTE CS
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	E	6000 SE
A	F	6000
A	G	6000 LE
A	H	6000 STE
B	L	SAFARI WAGON
F	S	FIREBIRD
F	W	FIREBIRD TRANS AM
G	J	GRAND PRIX
G	K	GRAND PRIX LE
G	P	GRAND PRIX BROUGHAM
H	X	BONNEVILLE
H	Z	BONNEVILLE LE
J	B	SUNBIRD
J	D	SUNBIRD SE
J	U	SUNBIRD GT
M *	R	FIREFLY
N	E	GRAND AM
N	V	GRAND AM LE
N	W	GRAND AM SE
P	E	FIERO COUPE
P	F	FIERO SE COUPE
P	G	FIERO GT COUPE
P	M	FIERO SPORT COUPE
T	L	T 1000

\* U.S. Customs Territories



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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	P	CUSTOM CRUISER STATION WAGON
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
H	N	DELTA 88 ROYALE
H	Y	DELTA 88 ROYALE BROUGHAM
J	C	FIRENZA
J	D	FIRENZA LC/LX/GT
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, 2G4

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
A	G	CENTURY T-TYPE
A	H	CENTURY CUSTOM
A	L	CENTURY LIMITED and ESTATE WAGON
B	R	LESABRE ESTATE WAGON
B	V	ELECTRA ESTATE WAGON
C	F	ELECTRA T TYPE
C	W	ELECTRA PARK AVENUE
C	X	ELECTRA 380
E	Y	RIVIERA T TYPE
E	Z	RIVIERA LUXURY
G	J	REGAL
G	K	REGAL T TYPE
G	M	REGAL LIMITED
H	H	LESABRE
H	P	LESABRE CUSTOM
H	R	LESABRE LIMITED
J	E	SKYHAWK T TYPE
J	S	SKYHAWK CUSTOM
J	T	SKYHAWK LIMITED
N	C	SKYLARK
N	D	SKYLARK LIMITED
N	J	SOMERSET CUSTOM
N	K	SOMERSET T TYPE
N	M	SOMERSET LIMITED



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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 D'ELEGANCE
C	D	DEVILLE
C	H	LIMOUSINE
D	W	BROUGHAM
E	L	ELDORADO
J	G	CIMARRON
K	S	SEVILLE
V	R	ALLANTE



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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
M	R (JG7)	FIREFLY
R	F (J87)	SUNBURST
R	G (J87)	SUNBURST
L	T	TEMPEST



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B3a: Body Type Codes (VIN position 6)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7	1Y1
2G1	2G2	2G3				
JG1	JG2				JG7	
J81					J87	

<u>VIN BODY CODE</u>	<u>DESCRIPTION</u>	<u>GM BODY STYLE(S)</u>
1	TWO DOOR COUPE/SEDAN	11, 27, 37, 47, 57, 97
2	TWO DOOR HATCHBACK	07, 08, 77, 87
3	TWO DOOR CONVERTIBLE	67
5	FOUR DOOR SEDAN	19, 23, 33, 69
6	FOUR DOOR HATCHBACK	68
8	FOUR DOOR STATION WAGON	35



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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B. Passenger Cars

TABLE B3b: Restraint System Codes (VIN position 7)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1G7	1Y1
2G1	2G2	2G3				
JG1	JG2				JG7	
J81					J87	

CODE    DEFINITION

1	Manual Belts
4	Automatic Belts



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	1Y1
2G1	2G2	2G3				
JG1	JG2				JG7	
J81					J87	

<u>CODE</u>	<u>ENGINE DESCRIPTION</u>	<u>DESIGN BY*</u>
A	3.8L V6 2	BOCF
C	1.6L L4 2	CPC
D	2.3L L4 FI	BOCL
F	5.0L V8 FI	CPC
G	5.0L V8 4	CPC
H	5.0L V8 4	CPC
K	2.0L L4 FI	CPC
L	3.0L V6 FI	BOCF
M	2.0L L4 FI	CPC
R	2.5L L4 FI	CPC
S	2.8L V6 FI	CPC
U	2.5L L4 FI	CPC
W	2.8L V6 FI	CPC
Y	5.0L V8 4	BOCL
Z	4.3L V6 FI	CPC
1	2.0L L4 FI	CPC
2	1.0L L3 FI	SUZUKI
3	3.8L V6 FI	BOCF
4	1.6L L4 2	TOYOTA
5	1.0L L3 2	SUZUKI
6	5.7L V8 4	CPC
7	1.5L L4 2	ISUZU
7	3.8L V6 FI	BOCF
8	4.1L V8 FI	BOCD
8	5.7L V8 FI	CPC
9	2.8L V6 FI	CPC
9	4.1L V8 FI	BOCD
9	5.0L V8 4	BOCL
9	1.5L L4 FI	ISUZU

\* BOCD - BUICK-OLDSMOBILE-CADILLAC GROUP, DETROIT  
 BOCF - BUICK-OLDSMOBILE-CADILLAC GROUP, FLINT  
 BOCL - BUICK-OLDSMOBILE-CADILLAC GROUP, LANSING  
 CPC - CHEVROLET-PONTIAC-CANADA GROUP

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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
2GA\$	2GB	2GC	2GD		2GT	2GJ\$	2GK	2GN
		3GC			3GT			

\$ 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	NAA.	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 GM LIGHT DUTY TRUCK VIN: 1GTDK14J3HF512345

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 CPC
9	3	Check Digit
10	H	Model Year 1987
11	F	Flint, MI Assembly Plant
12-17	512345	Sequence Number



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
2GA\$	2GB	2GC	2GD		2GT	2GJ\$	2GK	2GN
		3GC			3GT			

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>GVWR RANGE</u> (In pounds)	<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 commercial body/chassis, use this Position 4 VIN code.

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & 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\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN
2GA\$	2GB	2GC	2GD		2GT	2GJ\$	2GK	2GN
		3GC			3GT			

\$ 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>
R	*Conventional Cab	4 X 2 Chassis Type
D	Military Truck	4 X 4 Chassis Type
V	*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 R/V Suburbans, and both R/V 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\$ & 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\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN
2GA\$	2GB	2GC	2GD		2GT	2GJ\$	2GK	2GN
			3GC		3GT			

\$ 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 commercial body/chassis

\* Chevrolet El Camino and GMC Caballero



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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

TABLE 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\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN
2GA\$	2GB	2GC	2GD		2GT	2GJ\$	2GK	2GN
		3GC			3GT			

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a 4th seat.

<u>CODE</u>	<u>DESCRIPTION</u>
0	Chassis only on Series 1 (See Table C4)
0	Pickup Delivery and Panel Delivery on Series 8 (See Table C4)
0	Commercial body/chassis 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*</u> <u>BY</u>	<u>ENGINE</u> <u>DESCRIPTION</u>
A	BOCF	3.8L V6 2BBL
8	BOCD	4.1L V8 DFI
H	CPC	5.0L V8 4BBL
Z	CPC	4.3L V6 TBI

\* See page B10.0 for definitions of abbreviations.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & 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\$ 1GB 1GC 1GD 1GT 1GJ\$ 1GK 1GN  
 2GA\$ 2GB 2GC 2GD 2GT 2GJ\$ 2GK 2GN

\$ 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>
C	DDA	6.2L V8 Diesel
E	CPC	2.5L L4 TBI
H	CPC	5.0L V8 TBI
J	DDA	6.2L V8 Diesel
K*	CPC	5.7L V8 TBI
M	CPC	5.7L V8 4BBL
N	CPC	7.4L V8 TBI
R	CPC	2.8L V6 TBI
W	CPC	7.4L V8 4BBL
Z	CPC	4.3L V6 TBI

\* LPG conversion can be accomplished on the engine.

\*\* See page B10.0 for definitions of abbreviations.  
 DDA - DETROIT DIESEL ALLISON



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	BBA	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 GM MEDIUM OR HEAVY DUTY TRUCK VIN: 1GTM7D1E7HV556123

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	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	H	Model Year 1987
11	V	Pontiac, MI Assembly Plant
12-17	556123	Sequence Number



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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
B	Medium Steel Tilt	62.2 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	55 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
D	6		5.9		Deere 30 Series Diesel
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
H	4		3.9		Isuzu 4BD1 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
N	6		5.8		Isuzu GBD1-T Diesel
R	6	893	14.6		Caterpillar 3406 Diesel
S	6	513	8.4		Isuzu 6SA1-T
T	6	292	4.8	1	GM L6 Gasoline
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
M	6		11.1		GM 60 Series Diesel
P	6		12.7		GM 60 Series Diesel




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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Buses and Incomplete Vehicles

TABLE E1: VIN Format

For Vehicles with Make Identifier Codes:

1GG 1GH  
 2GG 2GH

<u>VIN POSITION</u>	<u>CHARACTER TYPE*</u>	<u>ATTRIBUTE</u>
1-3	NAA	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 GM COACH VIN: 1GHYT76J8HV123456

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	H	Model Year 1987
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. Buses and Incomplete Vehicles

TABLE E2: Brake Systems (VIN position 4)

For Vehicles with Make Identifier Codes:

1GG 1GH

2GG 2GH

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



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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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E. Buses and Incomplete Vehicles

TABLE E3: Line (VIN position 5)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GG 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. Buses and Incomplete Vehicles

TABLE E4: Series/Length (VIN position 6)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GG 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. Buses and Incomplete Vehicles

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

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GG 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. Buses and Incomplete Vehicles

TABLE E6: Engine Codes (VIN position 8)

For Vehicles with Make Identifier Codes:

1GG 1GH  
2GG 2GH

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

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