GM GENERAL MOTORS LLC
Global Vehicle Safety

February 19, 2014
USG 4326

The Honorable David Friedman
Deputy Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, DC 20590

Subject: Revision to General Motors' Vehicle Identification Number decoding for 2015 Model Year

Dear Mr. Friedman:

A revision to General Motors' Vehicle Identification Numbering (VIN) Standard for the 2015 Model Year dated February 5, 2015 is submitted per the VIN reporting requirements of 49 CFR Part 565.7.

For additional copies of any of the material submitted to the NHTSA for consideration at this time, any additional information regarding items herein, or if further discussion of this matter will be of assistance to the agency during its consideration of this petition, please contact me at the following address:

Brian Latouf, Director
Safety and Field Investigations
General Motors LLC
Mail Code 480-210-2V1
30001 Van Dyke
Warren, Michigan 48090-9020

Questions may also be directed to either Ms. Carolyn Eickel or Mr. Tony Magdaleno Sr. Mngr,-Safety Regulations and Certification in GM's Warren office.

Sincerely,

Brian Latouf, Director
Safety and Field Investigations

cc: VIN Coordinator, Coleman Sachs
Attachment

Mail Code: 480-210-2V1
30001 Van Dyke Road • Warren, MI 48090-9020

General Motors LLC | 2015

This Vehicle Identification Numbering Standard is in compliance with Federal Motor Vehicle Safety Regulation 565

Vehicle Identification Numbering Standard

February 5, 2015

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Purpose

The purpose of this standard is to define the uniform composition of Vehicle Identification Numbers (VIN) applied to GM vehicles marketed in the United States, U.S. Territories, Canada and vehicles manufactured in US, Canada, and Mexico. 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 Organization for Standardization (ISO), and should be acceptable in many countries around the world.

Maintenance & Operating Responsibilities

Responsibility for updating the code tables contained herein has been established, and is shown on each table. As information or revisions to existing tables become known, the updated tables of codes for the coming model years(s) should be submitted by the authorized activity to North American Product Engineering. Mail Code 480-210-2G1 30001 Van Dyke Ave, Warren MI 48090-9020. Product Engineering has responsibility for publication and dissemination of the updated hardcopy model year tables of VIN data throughout General Motors.

A copy of the updated materials is sent to Global Safety Center (GSC), which has responsibility for review and approval of the coding tables specified. The GSC has the responsibility for submitting these tables of VIN data, and any revisions thereto, to the National Highway Traffic Safety Administration (NHTSA).

Requests for any changes or refinements to the information content (not coding tables) of these Standards shall be directed to Engineering. The revision request must provide a comprehensive explanation for the requested change. VIN Engineering is responsible to review revision requests and make appropriate modifications before issuing revised pages to the Standards. Upon approval of proposed revisions by involved Divisions and Staffs, revisions to the Standards are incorporated into the text of revised pages and are distributed and posted to the Labels, Literature & VIN website.

The Engine RPO and corresponding VIN Codes for Passenger Cars, Light-Duty Trucks (LDT), and Multi-Passenger Vehicles (MPV) that are published in this standard are also updated in the Production Order Management Systems (POMS) and the Integrated Scheduling Project (ISP) by VIN Engineering.

VIN DREs of GM regions will be responsible for distribution of this Standard to persons or activities of their Unit or Region who are affected by or have a need for this information.

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 VINs. However, I, O (oh), and Q, and special characters are not allowed as stated in FMVSR 565 and/or ISO Standards.

Organization and Description of VIN Positions

VIN Positions 1~3

Positions 1~3 in the VIN are designated for the World Make/Manufacturer Identifiers (WMI). WMIs are assigned to General Motors by the Society of Automotive Engineers (SAE). This indicates the country of origin, the make/manufacturer, and type/brand of vehicle.

VIN Position 4 – Passenger Car

Position 4 designates the vehicle line. This is most commonly, but not always, the same as the book number. In the instance a book number has two characters, the second character is used to indicate the vehicle line.

VIN Position 4 – MPV, Light Duty Truck & Incomplete Vehicles

Position 4 designates the Gross Vehicle Weight Rating (GVWR), brake system and body style.

VIN Position 5 – Passenger Car

Position 5 designates the car series. This includes the various trim levels and badges for a vehicle line.

VIN Position 5 – MPV, Light Duty Truck & Incomplete Vehicles

Position 5 designates the chassis of the vehicle. If a vehicle is equipped with either two wheel drive or four wheel drive, the 5th position will reflect which drive train is installed on the vehicle. Some vehicles however will have a 5th position similar to that of a passenger car, where the book number is used. In the instance the book number has two characters, the second character is used to indicate the vehicle chassis.

VIN Position 6 – Passenger Car

Position 6 designates the body styles for each vehicle.

VIN Position 6 - MPV, Light Duty Truck & Incomplete Vehicles

Position 6 designates the series of the vehicle. Like position 5 for passenger car, this includes the various trim levels and badges for a vehicle line.

VIN Position 7

Position 7 is an alpha only character, which designates the restraint system used in the vehicle.

VIN Position 8

Position 8 is an alpha/numeric character which designates the engine used in the vehicle.

VIN Position 9

Position 9 designates the Check Digit. The Check Digit is an alpha/numeric character which is calculated by the composition of the

VIN Position 10

Position 10 designates the model year of the vehicle.

VIN Position 11

Position 11 designates the plant code the vehicle was built.

VIN Positions 12~17

Positions 12~17 is the sequence number, which is a consecutive 6 digit number starting each new model year with 100001.

Check Digit

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.

Table 1: Alpha Numeric Conversion Factor

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.

Table 2: 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.

(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.

Check Digit (continued)

EXAMPLE:

VIN Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN Example	1	G	2	N	G	1	2	E	Þ	2	M	9	2	3	4	5	6
ASSIGNED VALUE	1	7	2	5	7	1	2	5	Þ	2	4	9	2	3	4	5	6
MULTIPLY BY WEIGHT	x	x	x	x	x	x	x	x	Þ	x	x	x	x	x	x	x	x
FACTOR	8	7	6	5	4	3	2	10	Þ	9	8	7	6	5	4	3	2

ADD PRODUCTS 8+49 + 12 + 25 + 28 + 3 + 4 + 50 Þ +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)

Table 3: Ninth Position Check Digit Values

Fractional Remainder	0	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11
Decimal Equivalent Remainder	0	0.091	0.182	0.273	0.364	0.455	0.545	0.636	0.727	0.818	0.909
Check Digit	**0**	1	2	3	4	5	6	7	8	9	X

World Make/Manufacturer Identifier (WMI)

Table 4: World Make/Manufacturer Identifier tables

US	Canada	Mexico	Other	Make	Comments
Passenger Car					
1G1	2G1	3G1	KL8, 6G3	Chevrolet	GM Korea Company KL8, Holden 6G3
1G4	2G4	---	---	Buick	
1G6	2G6	---	---	Cadillac	
5G8	---	---	---	Holden	
1G0	---	---	---	Opel	
Light Duty Truck (LDT)					
1GC	---	3GC	3N6	Chevrolet	Mfd. By Nissan for General Motors 3N6
1GT	---	3GT	---	GMC	
---	---	---	---	Cadillac	
Multi Passenger Vehicle (MPV)					
5GA	---	---	KL4	Buick	GM Korea Company KL4
1GY	---	3GY	---	Cadillac	
1GN	2GN	3GN	KL7	Chevrolet	GM Korea Company KL7
1GK	2GK	---	---	GMC	
Incomplete Vehicles					
1GB	---	3GB	---	Chevrolet	
1GD	---	3GD	---	GMC	
---	2GE	---	---	Cadillac	
Bus					
1GA	---	---	---	Chevrolet	
1GJ	---	---	---	GMC	

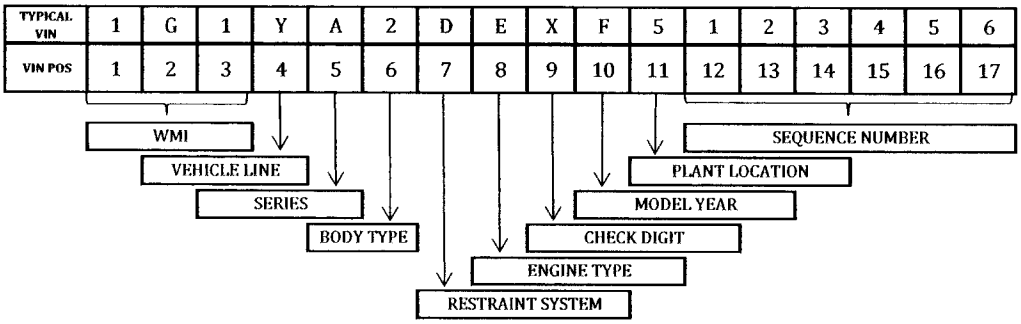
Restraint System - All Vehicles

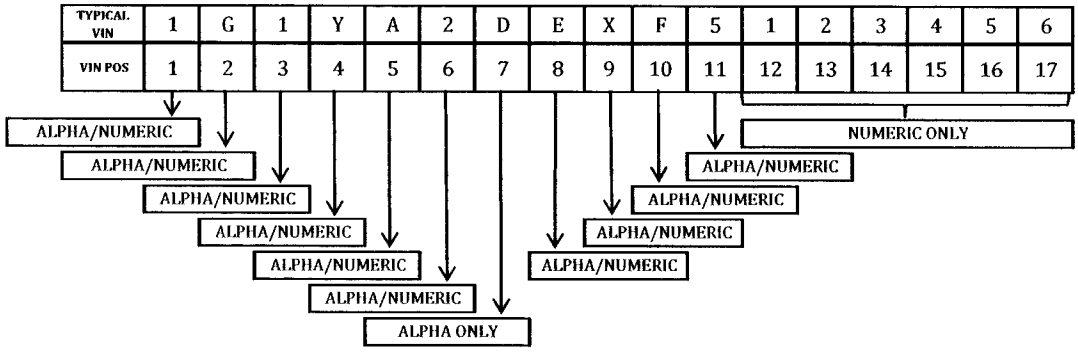
Table 5: Restraint System Chart

Code	Restraint System Description
A:	Active Manual Belts, Airbag Delete
B:	Active Manual Belts, Airbag-Driver only - Front
C:	Active Manual Belts, Airbag-Driver & Passenger-Front (1st row)
D:	Active Manual Belts, Airbags-Driver & Passenger-Front (1st row), & Front Seat Side (1st row)
E:	Active Manual Belts, Airbags-Driver & Passenger-Front (1st row), Front Seat Side (1st row), Roof Side (all seating rows)
F:	Active Manual Belts, Airbag - Driver & Passenger - Front (1st row) and Roof Side (All seating rows for vehicles with 3 or fewer seating rows; 1st, 2nd and 3rd row for vehicles with 4 or more seating rows)
G:	Active Manual Belts, Airbags - Driver & Passenger - Front (1st row), Front Seat Side (1st row) and Rear Seat Side (2nd row), Roof Side (all seating rows)
H:	Active Manual Belts, Airbag - Driver only - Front, Roof Side (All seating rows for vehicles with 3 or fewer seating rows; 1st, 2nd and 3rd row for vehicles with 4 or more seating rows)
J	Active Manual Belts, Airbag - Driver & Passenger - Front (1st row), Front Seat Side (1st row) and Rear Seat Side (2nd row)
K	Active Manual Belts, Airbag - Driver & Passenger - Front (1st row) , Front Seat Side (1st Row), Front Inboard Seat Side (1st row), Roof Side (all seating rows)
M:	Active Manual Belts, Airbag-Driver & Passenger Knee-Front (1st row)
N:	Active Manual Belts, Airbags-Driver & Passenger-Front (1st row), & Front Seat Side (1st row), Driver & Passenger Knee (1st row)
*N:	Active Manual Belts, Airbags - Driver & passenger Front, Seat Side, Roof Side
P:	Active Manual Belts, Airbag - Driver & Passenger - Front (1st row) and Roof Side (All seating rows for vehicles with 3or fewer seating rows; 1st, 2nd and 3rd row for vehicles with 4 or more seating rows), Driver & Passenger Knee (1st row)
R:	Active Manual Belts, Airbags-Driver & Passenger-Front (1st row), Front Seat Side (1st row), Roof Side (all seating rows), Driver & Passenger knee (1st row)
S:	Active Manual Belts, Airbags - Driver & Passenger Front (1st row), Front Seat Side (1st row) & Rear Seat Side (2nd row), Roof Side (all seating rows), Driver & Passenger knee (1st row)
T:	Active Manual Belts, Airbag - Driver & Passenger Front (1st row), Seat Side (1st row), Front Row Roof Side (1st row)
U:	Active Manual Belts, Airbags-Driver & Passenger - Front (1st row), Front Seat Side (1st row), Front Roof Side (1st row), Driver & Passenger knee (1st row)

**N - Chevrolet City Express Only*

Passenger Car Vehicle Identification Numbering System





Passenger Car Body Style Descriptions

Table 6: Passenger Car Body Style Descriptions

VIN Code	Body Style Descriptions
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, Liftgate
	48 - Sedan, 4 - Door , 4 Window, H/Back
	68 - Sedan, 4 -Door, 6 Window, Plain Back, (H/Back)
8	35 - Station Wagon, 4 - Door
9	75 - Station Wagon, 4 Door High Roof Monocab

Passenger Car Engine Table

Table 7: Passenger Car Engines for GMNA

Code	RPO	Book Code(s)	Description
A:	LCV	A	ENGINE GAS, 4 CYL., 2.5L, L4, SIDI, DOHC, DCVCP, VVT, E85 MAX, E0-E100, ALUM
B:	LUV	J, P	ENGINE GAS, 4 CYL., 1.4L, MFI, DOHC, TURBO, VVT, ALUM, GME E85 MAX
C:	LDE	J	ENGINE GAS, 4 CYL., 1.6L, MFI, DOHC, VVT, VARIABLE CAMSHAF T PHASING, VARIABLE INTAKE MODULE (VIM)
D:	**OPEN**		**OPEN**
E:	LS7	8E	ENGINE GAS, 8 CYL., 7.0L, SFI, ALUM
F:	LXT	RT	ENGINE GAS, 4 CYL., 1.6L, MFI, DOHC, 80KW
G:	LWE	J, P	ENGINE GAS, 4 CYL., 1.8L, MFI, DOHC, VVT, 103 KW
H:	LUW	J, P	ENGINE GAS, 4 CYL., 1.8L, MFI, 103KW, DOHC, E85 MAX
J:	L99	8E	ENGINE GAS, 8 CYL., 6.2L, SFI, ALUM
K:	LEA	P, 0G	ENGINE GAS, 4 CYL., 2.4L, SIDI, DOHC, E85 MAX, ALUM
L:	LKW	0G	ENGINE GAS, 4 CYL., 2.5L, L4, SIDI, VVT
M:	**OPEN**		**OPEN**
N:	LFR	0G	ENGINE GAS, 6 CYL., 3.6L, V6, PFI, DOHC, VVT, ALUM, GEN 1
P:	LSA	8E, D	ENGINE GAS, 8 CYL., 6.2L, SFI, ER, ALUM, INTR CLR SC
R:	LUK	0G	ENGINE GAS, 4 CYL., 2.4L, DI, ALUM, DOHC, BAS, ECOTEC
S:	**OPEN**		**OPEN**
T:	**OPEN**		**OPEN**
U:	**OPEN**		**OPEN**
V:	LHU	P	ENGINE GAS, 2.0L, SIDI, L4, DOHC TURBO, E85 MAX, ALUM
W:	LS3	8E	ENGINE GAS, 8 CYL., 6.2L, SFI, ALUM, HO
X:	LTG	0G, A	ENGINE GAS, 4 CYL., 2.0L, SIDI, L4, ALUM DOHC, VVT, DCVCP TURBO, E0-E100, ALUM
Y:	**OPEN**		**OPEN**
Z:	LUZ	P	ENGINE DIESEL, 2.0L, CRI, L4, DOHC, VGT
0:	EN0	C	ENGINE NONE
1:	**OPEN**		**OPEN**
2:	L77	8E	ENGINE FLEXIBLE FUEL, (GAS/ETHANOL), 8 CYL., 6.0L, SFI ALUM, AFM
3:	LFX	0G, 8E, A, W	ENGINE GAS, 6 CYL., 3.6L, SIDI, DOHC, VVT, E85 MAX, ALUM
4:	LUU	R	ENGINE FLEXIBLE FUEL, (GAS/ALC), 4 CYL., 1.4L, MFI, DOHC E-FLEX, FAM 0
5:	**OPEN**		**OPEN**
6:	LT4	Y	ENGINE GAS, 8 CYL., 6.2L, DI, SC, AFM, VVT, ALUM, GMNA
7:	LT1	Y	ENGINE GAS, 8 CYL., 6.2L, DI, AFM, VVT, HO, ALUM, GMNA
8:	LF3	0G, A	ENGINE GAS, 6 CYL., 3.6L, SIDI, DOHC, VVT, ALUM, TWIN TURBO
9:	LL0	C	ENGINE GAS, 4 CYL., L4, 1.2L, MFI, DOHC, FAM A/B, DCVCP

**Engines listed as flexible fuel do not necessarily mean the vehicle is equipped for flexible fuel*

Passenger Car Plant Codes

Table 8: Passenger Car Plant Codes

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

F:	Fairfax	KS	GMNA
U:	Detroit Hamtramck	MI	GMNA
0:	Lansing - Grand River	MI	GMNA
4:	Orion	MI	GMNA
5:	Bowling Green	KY	GMNA
7:	Lordstown	OH	GMNA
X:	Non Production/Non-Saleable Build		GMNA

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

9:	Oshawa #1 (OSH)	ON	GMNA

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

S:	Ramos Arizpe	Mexico	GMNA
L:	San Luis Potosi	Mexico	GMNA

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

L:	Elizabeth	SA	Holden

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

C:	Changwon	S. Korea	GM Korea