

# **CHRYSLER LLC**

## **2009 PASSENGER CAR VEHICLES, V.I.N. CODING GUIDE**

Revised 01 October 2007

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Product Specifications & Business Systems

### **Indicates Latest Revision**

#### **V.I.N. Code Revisions**

<b>Revision Date</b>	<b>Page Revised</b>	<b>Nature of Change</b>
11/14/2006	All	Initial Issue, "ZB" Family, Body Style 27,29, Added
11/20/2006	All	"PM" Family, Body Style 49, Added.
12/04/2006	All	"LX" Family, Body Style 48, Added (See Truck VIN Guide for Body Style 49)
12/04/2006	All	"LE" Family, Body Style 48, Added (See Truck VIN Guide for Body Style 49)
01/08/2007	All	"LC" Family, Body Style 22, Added
07/30/2007	All	"JS" Family, Body Style 27,41 Added
08/06/2007	All	CHRYSLER LLC, Name was DaimlerChrysler
08/06/2007	All	"PT" Family, Body Style 27, Added (SEE Truck VIN Guide for Body Style 44)
08/06/2007	All	"P5" Family, Body Style 27, Added (SEE Truck VIN Guide for Body Style 44)
10/01/2007	All	8 <sup>th</sup> Position: Engine New Methodology, using a specific VIN code character To all variants of the same family of engines, and Across all product lines manufactured by Chrysler. (Implementation Date, 01 October 2007)

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1<sup>st</sup> Position: Country:  
1= Manufactured By Chrysler LLC  
2= Manufactured By Chrysler Canada Inc.  
3= Manufactured By Chrysler De Mexico Inc.

The Following Vin Indicator Converts Country Code To That Below  
1= BUX Market Specifications For "PT" Family With Sales Code "YAB"

2<sup>nd</sup> Position: Make:  
  
B= Dodge  
C= Chrysler

3<sup>rd</sup> Position: Vehicle Type:  
  
3= Passenger Car

4<sup>th</sup> Position: Restraint System:  
  
A = Restraint System Air Bags Front Next Generation Sales Code (CGW)  
And Side Air Bags Sales Code (CGS)  
B= Restraint System Manual/Active Uni-Belt Sales Code (CGA)  
D= Restraint System With Out Air Bags Sales Code (CGJ)  
E= Restraint System Active Driver & Passenger Air Bags Sales Code (CGW)  
Without Side Air Bags Sales Code (CGS)  
J= Restraint System Air Bags Front Next Generation Multi Stage Sales Code (CG1)  
Without Side Air Bags Sales Code (CGS) or (CJ4)  
H= Restraint System Air Bags Front Next Generation Multi Stage Sales Code (CG1)  
With Side Air Bags Sales Code (CGS) or (CJ4)  
K= Restraint System Advanced Multistage Front Air Bags Sales Code (CG3)  
Without Side Air Bags Sales Code (CGS)  
L= Restraint System Advanced Multistage Front Air Bags Sales Code (CG3)  
With Side Air Bags Sales Code (CGS)

5<sup>th</sup> Position: Line:  
Chrysler: "JS" Family  
C= Cirrus (FWD) (LHD) Mexico  
C= Sebring (FWD) (LHD) U.S.,Canada, BUX  
D= Sebring (AWD) (LHD) U.S., Canada  
4= Sebring (FWD) (RHD) BUX  
  
Chrysler: "LE" Family  
8= 300C / SRT8 (RWD) (LHD) BUX  
9= 300C / SRT8 (RWD) (RHD) BUX

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5<sup>th</sup> Position:  
(CONT)

Line:

Chrysler: "LX" Family

A= 300 / 300C / SRT-8 (RWD) (LHD) U.S., Canada, Mexico  
K= 300 (AWD)/300C (AWD) (LHD) U.S., Canada

Chrysler: "PT" Family

Y= Cruiser (FWD) (LHD) U.S., Canada, Mexico, BUX  
H= Cruiser (FWD) (RHD) BUX

Chrysler: "P5" Family

2= Cruiser (FWD) (LHD) Mexico

Dodge: "JS" Family

C= Avenger (FWD) (LHD) U.S., Canada, Mexico, BUX  
D= Avenger (AWD) (LHD) U.S., Canada  
4= Avenger (FWD) (RHD) BUX

Dodge: "LC" Family

J= Challenger (RWD) (LHD) U.S., Canada, Mexico

Dodge: "LX" Family

A= Charger (RWD) (LHD) U.S., Canada, Mexico, BUX  
K= Charger (AWD) (LHD) U.S., Canada

Dodge: "PM" Family

3= Caliber (FWD) (RHD) BUX  
B= Caliber (FWD) (LHD) U.S., Canada, Mexico, BUX  
E= Caliber (AWD) (LHD) U.S., Canada, Mexico

Dodge: "ZB" Family

Z= Viper (RWD) (LHD) U.S., Canada, Mexico, BUX

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6<sup>th</sup> Position:

Series:

- 1= E (Economy)
- 2= L (Low Line)
- 3= M (Medium)
- 4= H (High Line)
- 5= P (Premium)
- 6= S (Sport)
- 7= X (Special)

\*= Sales Codes “ABB” Converts The 6<sup>th</sup> Position To Transmission Type As Shown For JS,LE, PM, ZB Families

\*= Sales Code “YAB” Converts The 6<sup>th</sup> Position To Transmission Type As Shown For PT Family

\*= Vehicles With Sales Code ABB, YAB Use The Following Values For Transmission Instead of Series Codes

G= Continuously Variable, Sales Code - DAV  
PM Family

B= 4 Speed Automatic VLP, Sales Code - DFF  
JS, PT, Family

B= 4 Speed Automatic VLP, Sales Code – DGV  
LE, Family

E= 5 Speed Automatic Sales Code – DGU, DGJ  
LE Families

N= 5 Speed Manual, Sales Code – DD5  
PT, Family

N= 5 Speed Manual Heavy Duty, Sales Code – DDD  
PT Family

N= 5 Speed Manual, Sales Code – DD7  
JS, PM Families

F= 6 Speed Automatic, Sales Code – DG2, DG5  
JS, Family

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6<sup>th</sup> Position: Series:  
(CONT) C= 6 Speed Manual Heavy Duty, Sales Code – DEF  
JS, PM Families

C= 6 Speed Manual, Sales Code – DEK  
PM Family

C= 6 Speed Manual, Sales Code – DEC  
ZB Family

6<sup>th</sup> Position: Series By Model

Chrysler: “JS” Family

4= Sebring LX Conv.	C-H-27 U.S., Canada
4= Sebring LX Sedan	C-H-41 U.S., Canada
4= Cirrus LX Sedan	C-H-41 Mexico
5= Sebring Touring Conv	C-P-27 U.S., Canada
5= Sebring Touring Conv.	C-P-27 BUX Less Sales Code ABB
*= Sebring Touring Conv	C-P-27 BUX With Sales Code ABB
5= Sebring Touring Conv.	Z-P-27 BUX Less Sales Code ABB
*= Sebring Touring Conv.	Z-P-27 BUX With Sales Code ABB
5= Sebring Touring Sedan	C-P-41 U.S., Canada
5= Sebring Touring Sedan	C-P-41 BUX Less Sales Code ABB
*= Sebring Touring Sedan	C-P-41 BUX With Sales Code ABB
5= Cirrus Touring Sedan	C-P-41 Mexico
5= Sebring Touring Sedan	Z-P-41 BUX Less Sales Code ABB
*= Sebring Touring Sedan	Z-P-41 BUX With Sales Code ABB
6= Sebring Limited Conv.	C-S-27 U.S., Canada
6= Sebring Limited Conv.	C-S-27 BUX Less Sales Code ABB
*= Sebring Limited Conv.	C-S-27 BUX With Sales Code ABB
6= Cirrus Limited Conv.	C-S-27 Mexico
6= Sebring Limited Conv.	Z-S-27 BUX Less Sales Code ABB
*= Sebring Limited Conv.	Z-S-27 BUX With Sales Code ABB
6= Sebring Limited Sedan	C-S-41 U.S., Canada
6= Sebring Limited Sedan	C-S-41 BUX Less Sales Code ABB
*= Sebring Limited Sedan	C-S-41 BUX With Sales Code ABB
6= Cirrus Limited Sedan	C-S-41 Mexico
6= Sebring Limited Sedan	Z-S-41 BUX Less Sales Code ABB
*= Sebring Limited Sedan	Z-S-41 BUX With Sales Code ABB
6= Sebring Limited Sedan	F-S-41 U.S., Canada

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6<sup>th</sup> Position: Series By Model:  
(CONT)

### Chrysler: “LE” Family

6 = 300C	C-S-48 BUX Less Sales Code ABB
*= 300C	C-S-48 BUX With Sales Code ABB
6 = 300C	Z-S-48 BUX Less Sales Code ABB
*= 300C	Z-S-48 BUX With Sales Code ABB
7 = SRT8	C-X-48 BUX Less Sales Code ABB
*= SRT8	C-X-48 BUX With Sales Code ABB
7 = SRT8	Z-X-48 BUX Less Sales Code ABB
*= SRT8	Z-X-48 BUX With Sales Code ABB

### Chrysler: “LX” Family

3= 300 Limited	F-M-48 U.S., Canada
3= 300 Limited	C-M-48 U.S., Canada, Mexico
4= 300 LX	C-H-48 U.S., Canada
5= 300 Touring	C-P-48 U.S., Canada,
5= 300 Touring	F-P-48 U.S., Canada
6= 300C	C-S-48 U.S., Canada, Mexico, BUX
6= 300C	F-S-48 U.S., Canada
7= SRT8	C-X-48 U.S., Canada, Mexico, BUX

### Chrysler: “PT” Family

.	
5= PT Cruiser Conv.	C-P-27 U.S., Canada
5= PT Cabrio Touring Conv.	C-P-27 BUX Less Sales Code YAB
*= PT Cabrio Touring Conv.	C-P-27 BUX With Sales Code YAB
5= PT Cabrio Conv.	Z-P-27 BUX Less Sales Code YAB
*= PT Cabrio Conv.	Z-P-27 BUX With Sales Code YAB

### Chrysler: “P5” Family

5= PT Cruiser Conv.	C-P-27 Mexico
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6<sup>th</sup> Position:  
(CONT)

Series By Model:

Dodge: “JS “ Family

4=	Avenger SE	Sedan	D-H-41	U.S., Canada, Mexico
4=	Avenger SE	Sedan	D-H-41	BUX Less Sales Code ABB
*=	Avenger SE	Sedan	D-H-41	BUX With Sales Code ABB
4=	Avenger SE	Sedan	G-H-41	BUX Less Sales Code ABB
*=	Avenger SE	Sedan	G-H-41	BUX With Sales Code ABB
5=	Avenger SXT	Sedan	D-P-41	U.S., Canada, Mexico
5=	Avenger SXT	Sedan	D-P-41	BUX Less Sales Code ABB
*=	Avenger SXT	Sedan	D-P-41	BUX With Sales Code ABB
5=	Avenger SXT	Sedan	G-P-41	BUX Less Sales Code ABB
*=	Avenger SXT	Sedan	G-P-41	BUX With Sales Code ABB
7=	Avenger R/T	Sedan	D-X-41	U.S., Canada,
7=	Avenger R/T	Sedan	E-X-41	U.S., Canada

Dodge: “LC” Family

4=	Challenger	D-H-22	U.S., Canada, Mexico
5=	Challenger R/T	D-P-22	U.S., Canada, Mexico
7=	Challenger SRT8	D-X-22	U.S., Canada, Mexico

Dodge: “LX “ Family

3=	Charger SXT	D-M-48	U.S., Canada, Mexico, BUX
3=	Charger SXT	E-M-48	U.S., Canada
4=	Charger	D-H-48	U.S., Canada, Mexico, BUX
4=	Charger	E-H-48	U.S., Canada
5=	Charger R/T	D-P-48	U.S., Canada, Mexico, BUX
5=	Charger R/T	E-P-48	U.S., Canada
7=	Charger SRT8	D-X-48	U.S., Canada, Mexico

Dodge: “ZB” Family

6=	Viper SRT-10 Conv.	D-S-27	U.S., Canada, Mexico
6=	Viper SRT-10 Conv.	D-S-27	BUX Less Sales Code ABB
*=	Viper SRT-10 Conv.	D-S-27	BUX With Sales Code ABB
6=	Viper SRT-10 Coupe	D-S-29	U.S., Canada, Mexico

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6<sup>th</sup> Position: Series By Model:  
(CONT)

Dodge: “ PM “ Family

2= Caliber SE	D-L-49 U.S., Canada, Mexico
2= Caliber SE	D-L-49 BUX Less Sales Code ABB
*= Caliber SE	D-L-49 BUX With Sales Code ABB
2= Caliber	B-L-49 BUX Less Sales Code ABB
*= Caliber	B-L-49 BUX With Sales Code ABB
4= Caliber SXT	D-H-49 U.S., Canada, Mexico
4= Caliber SXT	D-H-49 BUX Less Sales Code ABB
*= Caliber SXT	D-H-49 BUX With Sales Code ABB
4= Caliber SXT	B-H-49 BUX Less Sales Code ABB
*= Caliber SXT	B-H-49 BUX With Sales Code ABB
6= Caliber SRT4	D-S-49 U.S., Canada, Mexico
6= Caliber SRT4	D-S-49 BUX Less Sales Code ABB
*= Caliber SRT4	D-S-49 BUX With Sales Code ABB
7= Caliber R/T	D-X-49 U.S., Canada, Mexico
7= Caliber R/T	E-X-49 U.S., Canada, Mexico

7<sup>th</sup> Position: Body Style:

3= 4DR Sedan Tall	Body Style- 48
4= 2DR Pillared Hardtop	Body Style - 22
5= 2DR Convertible	Body Style - 27
6= 4DR Sedan	Body Style - 41
8= 4DR Hatchback	Body Style - 49
9= 2DR Specialty Coupe	Body Style - 29

7<sup>th</sup> Position: Body Style By Model:

3= LE - 48
3= LX - 48
4= LC - 22
5= JS - 27
5= PT - 27
5= P5 - 27
5= ZB - 27
6= JS - 41
8= PM - 49
9= ZB - 29



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8 <sup>th</sup> Position:	Engines:	Sales Code
	C = 1.8L 4 CYL Gasoline Non-Turbo	EBA
	Y = 2.0L 4 CYL Diesel	ECD,ECE
	A = 2.0L 4 CYL Gasoline Non – Turbo	ECN
	U = 2.2L 4 CYL Diesel	EDJ
	B = 2.4L 4 CYL Gasoline Non – Turbo	EDG,ED3
	9 = 2.4L 4 CYL Gasoline Non – Turbo	EDZ
	8 = 2.4L 4 CYL Gasoline Turbo	EDT
	F = 2.4L 4 CYL Gasoline Turbo	ED4
	D = 2.7L 6 CYL Gasoline Non – Turbo	EER
	5 = 2.8L 4 CYL Diesel	ENS
*	A = 2.9L 6 CYL Gasoline (South East Motor Co. Ltd.)	EG1
	M = 3.0L 6 CYL Diesel	EXL,EXM
	E = 3.3L 6 CYL Gasoline Non – Turbo	EGA,EGV
	V = 3.5L 6 CYL Gasoline Non – Turbo	EGF,EGG,EG2
	K = 3.7L 6 CYL Gasoline Non – Turbo	EKG
	1 = 3.8L 6 CYL Gasoline Non – Turbo	EGH,EGL,EGT
	X = 4.0L 6 CYL Gasoline Non – Turbo	EGQ,EGS
	P = 4.7L 8 CYL Gasoline Non – Turbo	EVE
	T = 5.7L 8 CYL Gasoline Non – Turbo	EZC,EZD,EZE
	7 = 5.9L 6 CYL Diesel	ETH
	W = 6.1L 8 CYL Gasoline Non – Turbo	ESF
	L = 6.7L 6 CYL Diesel	ETJ
	Z = 8.4L 10 CYL Gasoline Non – Turbo	EWE

**\*NOTE:**

South East Motor Co. Ltd., can continue to use the character “A” to represent the unique 2.9L Engine at their assembly plant.

The duplicate use of character “A” has no impact on Chrysler LLC VIN Coding, because Chrysler and South East Motor Co. Ltd. have different WMI’S (World Manufacture Identifier) Chrysler will eventually be requesting a character change for the 2.9L engine from South East Motor Co. Ltd., to remove the duplicate character “A”.

9<sup>th</sup> Position: Check Digit:

\*= Calculated By The Formula In Part 565

10<sup>th</sup> Position: 9= 2009 Model year  
For vehicles With Sales Code ABB This Is A Manufactures Tracking Code

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11<sup>th</sup> Position: Plant:

A= CTC Pre-Production & Pilot  
B= St Louis Assembly South  
C= Jefferson North Assembly  
D= Belvidere Assembly  
E= Diamond-Star Motors Corporation  
F= Newark Assembly  
G= Saltillo Assembly  
H= Brampton Assembly  
J= St Louis Assembly North  
K= Pillette Assembly  
L= Toledo South Assembly  
M= Lago Alberto Assembly  
N= Sterling Heights Assembly  
P= Toledo Assembly #2  
R= Windsor Assembly  
S= Warren Truck Assembly  
T= Toluca Assembly  
U= Eurostar Gesellschaft  
V= Conner Avenue Assembly  
W= Toledo North Assembly  
X= Osnabrueck Assembly  
Y= Chrysler Steyr Assembly

0= South East Motor (S.E.M.) (Mainland China) (Was 8= S.E.M.)(A/L 06RS-0100)  
1= Valencia, Venezuela (C.D.V.)  
2= Cordoba, Argentina  
3= Campo Largo, Brazil  
4= Cairo, Egypt (A.A.V.)  
5= Dusseldorf, Germany  
6= China Motor Corporation (C.M.C.) (Taiwan)  
7= Beijing Benz DaimlerChrysler Automotive (B.B.D.C.A.)(Mainland China)  
8= Nazareth Israel (A.I.L.)  
9= Ludwigsfelde, Germany

NOTE: CANNOT USE ALPH'S I,O,Q FOR VIN CHARTERS

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12<sup>th</sup> Position: Sequential Number:

\*= Six Digit Sequential Number Assigned By The Build Plant

### DESCRIPTION OF V.I.N. CODE

- .1 A CHECK DIGIT SHALL BE PROVIDED WITH EACH VEHICLE IDENTIFICATION NUMBER THE CHECK DIGIT SHALL IMMEDIATELY FOLLOW THE FIFTH CHARACTER OF THE SECOND SECTION AND APPEAR WITH THE VEHICLE IDENTIFICATION NUMBER ON THE VEHICLE AND ON ANY TRANSFER DOCUMENTS CONTAINING THE VEHICLE IDENTIFICATION NUMBER AND PREPARED BY THE MANUFACTURE TO BE GIVEN TO THE FIRST OWNER FOR PURPOSES OTHER THAN RESALE.  
  
THE CHECK DIGIT IS DETERMINED BY CARRYING OUT THE MATHEMATICAL COMPUTATION SPECIFIED IN S5.2.1-S5.2.4
- 5.2 ASSIGN TO EACH NUMBER IN THE VEHICLE IDENTIFICATION NUMBER ITS ACTUAL MATHEMATICAL VALUE AND ASSIGN TO EACH LETTER THE VALUESPECIFIED FOR IT.
- 5.2.1 MULTIPLY THE ASSIGNED VALUE FOR EACH CHARACTER IN THE VEHICLE IDENTIFICATION NUMBER BY THE WEIGHT FACTOR.MULTIPLY THE CHECK DIGIT BY ZERO (0).
- 5.2.2 ADD THE RESULTING PRODUCTS AND DIVIDE THE TOTAL BY 11.
- 5.2.3
- 5.2.4 THE REMAINDER IS THE CHECK DIGIT.IF THE REMAINDER IS 10,THE CHECK DIGIT IS X.

### **EXAMPLE** VEHICLE IDENTIFICATION NUMBER CHARACTER:

1 G 4 A H 5 9 H 4 5 G 1 1 8 3 4 1

ASSIGNED CODE VALUE:

1 7 4 1 8 5 9 8 4 5 7 1 1 8 3 4 1

MULTIPLY BY POSITION WEIGHT:

8 7 6 5 4 3 2 1 0 0 9 8 7 6 5 4 3 2

ADD PRODUCTS:

8+49+24+5+32+15+18+80+0+45+56+7+6+40+12+12+2=411

DIVIDE BY 11:

411/11=37 4/11

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CHECK DIGIT:

4 (COMPARE TO CHARACTER IN 9TH POSITION)

VIN ALPHA CONVERSION

A-1 E-5 J-1 N-5 T-3 X-7

B-2 F-6 K-2 P-7 U-4 Y-8

C-3 G-7 L-3 R-9 V-5 Z-9

D-4 H-8 M-4 S-2 W-6

WEIGHT:

CODE VALUE=NUMERIC VALUE OF THE CODE ALPHA CHARACTERS  
ARE CONVERTED TO NUMERIC USING THE TABLE BELOW.

0,1,2,3,4,5,6,7,8,9,X

CALCULATED FORMULA

CODE VALUE X POSITION WEIGHT = R/11

R (REMAINDER) = CHECK DIGIT

IF R = 10 CHECK DIGIT IS "X"