

# CHRYSLER GROUP LLC

## 2010 PASSENGER CAR VEHICLES, V.I.N. CODING GUIDE

Revised 18 June 2009

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### Indicates Latest Revision V.I.N. Code Revisions

Revision Date	Page Revised	Nature of Change
06/18/2009	15	8 <sup>th</sup> Position: Engine; T = 5.7L, Sales Code, EZD Added
04/23/2009	7	8 <sup>th</sup> Position: Engine Removed the following Engine Codes: (EDJ) U=2.2L 4 CYL Diesel (EDZ) 9= 2.4L 4 CYL Gasoline Non-Turbo (EDT) 8= 2.4L 4 CYL Gasoline Turbo (EXM)M=3.0L 6 CYL Diesel (EGA) E=3.3L 6 CYL Gasoline Non-Turbo (EG2) V=3.5L 6 CYL Gasoline Non-Turbo (EGH) 1=3.8L 6 CYL Gasoline Non-Turbo (EZD) T=5.7L 8 CYL Gasoline Non-Turbo (ETH) 7=5.9L 6 CYL Diesel Add Engine Code: (ENE) U=2.2L 4 CYL Diesel (ECQ) A=2.0L 4 CYL Gasoline/CNG Non-Turbo (EKH) K = 3.7L 6 CYL Gasoline/CNG Non-Turbo
02/24/2009	2-3	Clarified vehicle brand (Chrysler or Dodge) for position 5.
09/22/2008	All	Revised Vehicle Identification Number Requirements Per National Highway Traffic Safety Administration (NHTSA), Department Of Transportation (DOT)  1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> Position: WMI (Nomenclature Change) 4 <sup>th</sup> Position: Value = Alpha & Numeric (was Alpha Only) 7 <sup>th</sup> Position: Value = Alpha Only (was Numeric Only)

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

<b>Revision Date</b>	<b>Page Revised</b>	<b>Nature of Change</b>
09/22/2008	All	<p>“JS” Family, Body Style 27, Added  “JS” Family, Body Style 41, Added  “LC” Family, Body Style 22, Added  “LE” Family, Body Style 48, Added  “LX” Family, Body Style 48, Added  “PM” Family, Body Style 49, Added</p> <p>“ZB” Family, Body Style 27, Added  “ZB” Family, Body Style 29, Added  Engine: T = 5.7L, Sales Code EZH, Added</p>
08/25/2008	All	<p>11<sup>th</sup> Position: Build Plant  E= Aguascalientes Assembly,(Loc.Code 8545), Added  K= Location Code 8780, Reserved, Added  U= Location Code 8025, Reserved, Added  Z= Civac Assembly,(Loc.Code T.B.D.,Ref. 8545 ),Added</p>
04/09/2008	All	<p>Initial Issue  6<sup>TH</sup> Position: Series  Sales Code Converts Series to Transmission Type  Transmissions Have Been Permanently, REMOVED</p>

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**1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Positions:** WMI (World Manufacturer Identifier)

1B3 = Chrysler Group LLC -Passenger Car  
1C3 = Chrysler Group LLC -Passenger Car  
2B3 = Chrysler Canada -Passenger Car  
2C3 = Chrysler Canada -Passenger Car

**4<sup>th</sup> Position: Restraint System:**

(ASP = All Seating Positions, OSP = Outboard Seating Positions)

A= Active Belts (ASP) Front Air Bags (OSP) Without Side Inflatable Restraints  
B= Active Belts (ASP) Front Air Bags (OSP) With Side Inflatable Restraints Front Row  
C= Active Belts (ASP) Front Air Bags (OSP) With Side Inflatable Restraints All Rows  
D= Active Belts (ASP) Without Air Bags And Without Side Inflatable Restraints

**5<sup>th</sup> Position:** Make / Line

**Chrysler: "JS" Family** (Chrysler if 2<sup>nd</sup> position = C)

F= 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** (Chrysler if 2<sup>nd</sup> position = C)

8= 300C / SRT8 (RWD) (LHD) BUX  
9= 300C / SRT8 (RWD) (RHD) BUX

**Chrysler: "LX" Family** (Chrysler if 2<sup>nd</sup> position = C)

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

**Dodge: "JS" Family** (Dodge if 2<sup>nd</sup> position = B)

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

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

Make / Line

<b>Dodge: "LC" Family</b>	(Dodge if 2 <sup>nd</sup> position = B)
J= Challenger (RWD)	(LHD) U.S., Canada, Mexico
<b>Dodge: "LX" Family</b>	(Dodge if 2 <sup>nd</sup> position = B)
A= Charger (RWD)	(LHD) U.S., Canada, Mexico, BUX
K= Charger (AWD)	(LHD) U.S., Canada
<b>Dodge: "PM" Family</b>	(Dodge if 2 <sup>nd</sup> position = B)
3= Caliber (FWD)	(RHD) BUX
B= Caliber (FWD)	(LHD) U.S., Canada, Mexico, BUX
<b>Dodge: "ZB" Family</b>	(Dodge if 2 <sup>nd</sup> position = B)
Z= Viper (RWD)	(LHD) U.S., Canada, Mexico, BUX

**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)

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

**Chrysler: "JS" Family**

4= Sebring LX Conv.	C-H-27 U.S., Canada
4= Sebring Touring Sedan	C-H-41 U.S.
4= Sebring LX Sedan	C-H-41 Canada
4= Cirrus Touring Sedan	C-H-41 Mexico
5= Sebring Touring Conv	C-P-27 U.S., Canada, BUX
5= Sebring Limited Sedan	C-P-41 U.S.
5= Sebring Touring Sedan	C-P-41 Canada
5= Cirrus Limited Sedan	C-P-41 Mexico
6= Sebring Limited Conv.	C-S-27 U.S., Canada, BUX
6= Cirrus Limited Conv.	C-S-27 Mexico
6= Sebring Limited Conv.	Z-S-27 BUX

**Chrysler: "LE" Family**

6 = 300C	C-S-48 BUX
7 = SRT8	C-X-48

**Chrysler: "LX" Family**

3= 300 Limited	F-M-48 U.S., Canada
3= 300 Limited	C-M-48 U.S., Canada, Mexico, BUX
4= 300 Touring	C-H-48 U.S.
4= 300 LX	C-H-48 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

**Dodge: "JS" Family**

4= Avenger SE Sedan	D-H-41 Canada, Mexico
4= Avenger SXT Sedan	D-H-41 U.S.
5= Avenger SXT Sedan	D-P-41 Canada, Mexico
5= Avenger R/T Sedan	D-P-41 U.S.
7= Avenger R/T Sedan	D-X-41 Mexico

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

**Dodge: "LC" Family**

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

**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: "PM" Family**

2= Caliber SE	D-L-49 U.S., Canada, Mexico, BUX
2= Caliber	B-L-49 BUX
4= Caliber SXT	D-H-49 U.S., Canada, Mexico, BUX
4= Caliber SXT	B-H-49 BUX
6= Caliber SRT4	D-S-49 U.S., Canada, Mexico, BUX
7= Caliber R/T	D-X-49 U.S., Canada

**Dodge: "ZB" Family**

6= Viper SRT-10 Conv.	D-S-27 U.S., Canada, Mexico, BUX
6= Viper SRT-10 Coupe	D-S-29 U.S., Canada, Mexico

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

C= 4DR Sedan Tall	Body Style - 48	(LE-48)(LX-48)
D= 2DR Pillared Hardtop	Body Style - 22	(LC-22)
E= 2DR Convertible	Body Style - 27	(JS-27)( ZB-27)
F= 4DR Sedan	Body Style - 41	(JS-41)
H= 4DR Hatchback	Body Style - 49	(PM-49)
J= 2DR Specialty Coupe	Body Style - 29	(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,ECP
	A =2.0L 4 CYL Gasoline/CNG Non – Turbo	ECQ
	U = 2.2L 4 CYL Diesel	ENE
	B = 2.4L 4 CYL Gasoline Non – Turbo	EDG,ED3
	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
	E = 3.3L 6 CYL Gasoline Non – Turbo	EGV
	V = 3.5L 6 CYL Gasoline Non – Turbo	EGF,EGG
	K = 3.7L 6 CYL Gasoline Non – Turbo	EKG
	K = 3.7L 6 CYL Gasoline/CNG Non – Turbo	EKH
	I = 3.8L 6 CYL Gasoline Non – Turbo	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,EZH
	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 Group 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:** A= 2010 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= Aguascalientes Assembly (Versa Project, WMI= "3T3", Location Code 8545) RESERVED
- F= Newark Assembly
- G= Saltillo Assembly
- H= Brampton Assembly
- J= St Louis Assembly North
- K= Wuhu Assembly Plant (Project "S12")(Location Code 8780) RESERVED
- 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= (Location Code 8025) (P4,M1)RESERVED
- V= Conner Avenue Assembly
- W= Toledo North Assembly
- X= Osnabrueck Assembly
- Y= Chrysler Steyr Assembly
- Z= Civac Assembly (Ref Loc Code 8545)(Versa, If 2<sup>nd</sup> Plant Req'd) RESERVED
- 0= South East Motor (S.E.M.) (Mainland China)
- 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 LETTERS I, O or Q FOR VIN CHARACTERS

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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 VALUE SPECIFIED 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"