

ORG6380

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Chrysler Group LLC

2012 Passenger Car Vehicle Identification Number Code Guide - FF

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Revised November 4, 2010

Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Typical VIN	1	C	3	C	C	B	A	B	6	C	N	1	0	0	9	8	9

Positions 1-3: World Manufacturer Identifier

1	2	3	Manufacturer	Vehicle Type
1	C	3	Chrysler Group LLC(USA)	Passenger Car
3	C	3	Chrysler de Mexico	Passenger Car

Positions 5-7: Brand, Marketing Name, Price Series, Drive Position, Drive Type, and Body Type
(details on next page)

Position 9: Check Digit

Calculated from formula in Part 565

Position 10: Model Year

2012 = C

Positions 12-17: Plant Sequence Number

Position 11: Assembly Plant

Code	Plant
A	CTC Pre-Production & Pilot
T	Toluca Assembly

Position 4: Restraint System

Code	Description
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

(ASP) = All Seating Positions

(OSP) = Outboard Seating Position

Position 8: Engine

Code	Displacement	Cylinders	Fuel	Turbo	Sales Codes
R	1.4 Liter	4	Gas	No	EAB, EAC, EAE, EAJ, EAK
H	1.4 Liter	4	Gas	Yes	EAF

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Positions **5** **6** **7** define the following: **Brand, Marketing Name, Price Series, Drive Position, Drive Type, and Body Type**

Fiat 500 (FF)

5	6	7	Series	Drive Position	Drive Type	Body Type
F	F	A	Pop	Left Hand Drive	Front Wheel Drive	2 Door Hatchback
F	F	B	Sport			
F	F	C	Lounge			
F	F	F	Abarth			
F	F	D	Pop			2 Door Convertible
F	F	E	Lounge			

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<u>Revision Date</u>	<u>Position</u>	<u>Change Summary</u>
Nov 4, 2010	5, 6, 7	For the Fiat 500 (FF), Line FFA, Series is now 'Pop'. Line FFB, Series is now 'Sport'.
Sept 15, 2010	5, 6, 7	Added Abarth (FF)
July 9, 2010	8	Change EAF from R to H.
May 3, 2010	8	Add EAJ engine
April 1, 2010	ALL	Initial Issue

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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"

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 Product Specifications & Business Systems

Indicates Latest Revision
V.I.N. Code Revisions

Revision Date	Page Revised	Nature of Change
09/23/2010	4,5	5 Th Position: Make /Line Changed the following for 'JS' Family <u>F= Chrysler 200</u> <u>C= Chrysler 200</u> 6 Th Position: Series Changed names to read '200' for 'JS' Family
05/10/2010	4,5,6	5 Th Position: Make /Line Removed the following: <u>Dodge: " ZB " Family</u> 6 Th Position: Series See the following for revisions: <u>Chrysler: " JS " Family</u> <u>Dodge: " JS " Family</u> <u>Dodge: " LD " Family</u> Removed the following: <u>Dodge: " ZB " Family</u> 7 Th Position: Body Removed the following: E= 2DR Convertible (ZB-27) J=2DR Specialty Coupe Body Style 29 (ZB-29)

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Indicates Latest Revision
V.I.N. Code Revisions

Revision Date	Page Revised	Nature of Change
01/28/2010	4,5,6	<p>6th Position: Series Added the following: <u>Chrysler: "JS" Family</u> 1= Sebring Touring C-E-41 U.S. 2= Sebring Touring Convertible C-L-27 U.S. 2= Sebring Limited C-L-41 U.S. 7= Sebring Limited Convertible C-X-27 U.S. <u>Dodge: "JS" Family</u> 1= Avenger Express D-E-41 U.S. Removed the following: <u>Chrysler: "LX" Family</u> 5= 300 Limited F-P-48 U.S.,Canada <u>Dodge: "PM" Family</u> 6= Caliber SRT4 D-S-49 U.S.,Canada,Mexico,BUX</p>
01/21/2010	6	<p>8th Position: Engine Add: Y = 2.0L 4 CYL Diesel (EBT) Remove: F = 2.4L 4 CYL Gasoline Turbo (ED4) Remove: Z = 8.4L 10 CYL Gas Non-Turbo(EWE)</p>
12/07/2009	3,4	<p>6th Position: Series Added the following: 8= R (Race) 9= T (Touring) 1= Caliber Express D-E-49 U.S. 3= Caliber Mainstreet D-M-49 U.S. 5= Caliber Heat D-P-49 U.S. 8= Caliber Rush D-R-49 U.S. 9= Caliber Uptown D-T-49 U.S.</p>
09/15/2009	5	<p>8th Position: Engines Add 3.0 Liter Diesel Engine (sales code EXF)</p>

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V.I.N. Code Revisions

Revision Date	Page Revised	Nature of Change
04/23/2009	5	8 th Position: Engine Removed the following Engine Codes: (EXM) M=3.0L 6 CYL Diesel (EGG) V=3.5L 6 CYL Gasoline Non -Turbo
03/23/2009	3 & 4	6 th Position: Revised Marketing Names
	5	8 th Position: Engines Removed 'H = 5.0L 8CYL Diesel ETA' Note: Sales Code 'ETA' moved to 2012
02/18/2009	All	Initial Issue

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1st, 2nd, 3rd Positions: WMI (World Manufacturer Identifier)

1B3 =	Chrysler Group LLC	-Passenger Car	(Internal Use Only "Dodge")
1C3 =	Chrysler Group LLC	-Passenger Car	(Internal Use Only "Chrysler")
2B3 =	Chrysler Canada	-Passenger Car	(Internal Use Only "Dodge")
2C3 =	Chrysler Canada	-Passenger Car	(Internal Use Only "Chrysler")

4th 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) With Out Air Bags And Without Side Inflatable Restraints

5th Position: Make / Line

Chrysler: "JS" Family

F=	Chrysler 200 (FWD)	(LHD) Mexico
C=	Chrysler 200 (FWD)	(LHD) U.S., Canada

Chrysler: "LX" Family

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

Dodge: "JS" Family

D=	Avenger (FWD)	(LHD) U.S., Canada, Mexico
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Dodge: "LC" Family

J=	Challenger (RWD)	(LHD) U.S., Canada, Mexico, BUX
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Dodge: "LD" Family

L=	Charger (RWD)	(LHD) U.S., Canada, Mexico, BUX
M=	Charger (AWD)	(LHD) U.S., Canada

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5th Position: Make / Line
 (continued)

Dodge: "PM" Family

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

6th 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)
8= R	(Race)
9= T	(Touring)

Series By Model

Chrysler: "JS" Family

1= 200 Touring	C-E-41	U.S., Canada, Mexico
2= 200 Touring Convertible	C-L-27	U.S., Canada
2= 200 Limited	C-L-41	U.S., Canada, Mexico
4= 200 LX Convertible	C-H-27	U.S., Canada
4= 200 LX	C-H-41	U.S., Canada
7= 200 Limited Convertible	C-X-27	U.S., Canada, Mexico
8= 200 S Convertible	C-R-27	U.S., Canada
8= 200 S	C-R-41	U.S., Canada, Mexico

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6th Position: Series By Model:
(continued)

Chrysler: "LX" Family

4= 300 Touring	C-H-48 U.S., Canada
5= 300 Limited	C-P-48 U.S., Canada, Mexico
6= 300C RWD	C-S-48 U.S., Canada, Mexico, BUX
6= 300C AWD	F-S-48 U.S., Canada

Dodge: "JS" Family

1= Avenger Express	D-E-41 U.S., Mexico
1= Avenger SXT	D-E-41 Canada
2= Avenger LUX	D-L-41 U.S., Mexico
4= Avenger	D-H-41 U.S., Canada, Mexico
5= Avenger SXT	D-P-41 Canada
5= Avenger R/T	D-P-41 U.S., Mexico
7= Avenger R/T	D-X-41 Mexico

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: "LD" Family

1= Charger Police	D-E-48 U.S., Canada, Mexico, BUX
3= Charger V6 RWD	D-M-48 U.S., Canada, Mexico, BUX
5= Charger R/T RWD	D-P-48 U.S., Canada, Mexico, BUX
5= Charger R/T AWD	E-P-48 U.S., Canada

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6th Position: Series By Model:
(continued)

Dodge: "PM" Family

1= Caliber Express	D-E-49 U.S.
2= Caliber SE	D-L-49 Canada, Mexico, BUX
2= Caliber	B-L-49 BUX
3= Caliber Mainstreet	D-M-49 U.S.
4= Caliber SXT	D-H-49 Canada, Mexico, BUX
4= Caliber SXT	B-H-49 BUX
5= Caliber Heat	D-P-49 U.S., Canada
7= Caliber R/T	D-X-49 Canada
8= Caliber Rush	D-R-49 U.S., Canada
9= Caliber Uptown	D-T-49 U.S., Canada

7th Position: Body:

C= 4DR Sedan Tall	Body Style - 48	(LX-48)(LD-48)
D= 2DR Pillared Hardtop	Body Style - 22	(LC-22)
E= 2DR Convertible	Body Style - 27	(JS-27)
F= 4DR Sedan	Body Style - 41	(JS-41)
H= 4DR Hatchback	Body Style - 49	(PM-49)

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8 th Position:	Engines:	Sales Code
	C = 1.8L 4 CYL Gasoline Non-Turbo	EBA
	Y = 2.0L 4 CYL Diesel	EBT
	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,ED7
	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,EXF
	V = 3.5L 6 CYL Gasoline Non – Turbo	EGF
	G = 3.6L 6 CYL Gasoline Non - Turbo	ERB
	K = 3.7L 6 CYL Gasoline Non – Turbo	EKG
	K = 3.7L 6 CYL Gasoline/CNG Non – Turbo	EKH
	1 = 3.8L 6 CYL Gasoline Non – Turbo	EGT
	X = 4.0L 6 CYL Gasoline Non – Turbo	EGS
	P = 4.7L 8 CYL Gasoline Non – Turbo	EVE
	T = 5.7L 8 CYL Gasoline Non – Turbo	EZC,EZE,EZH
	J = 6.4L 8 CYL Gasoline Non - Turbo	ESG,ESH
	L = 6.7L 6 CYL Diesel	ETJ

***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".

9th Position: Check Digit:
 *= Calculated By The Formula In Part 565

10th Position: B= 2011 Model Year
 For vehicles With Sales Code ABB This Is A Manufactures Tracking Code

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11th 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", Vehicle Family "55")RESERVED
- F= Newark Assembly
- G= Saltillo Assembly
- H= Brampton Assembly
- J= St Louis Assembly North
- K= Wuhu Assembly Plant (Protect "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) RESERVED
- V= Conner Avenue Assembly
- W= Toledo North Assembly
- X= Osnabrueck Assembly
- Y= Chrysler Steyr Assembly
- Z= Civac Assembly (Versa Project, WMI= "3T3", IF 2nd Plant Necessary)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)
- 8= Nazareth Israel (A.I.L.)
- 9= Ludwigsfelde, Germany

NOTE: CANNOT USE LETTERS I, O or Q FOR VIN CHARACTERS.

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12th Position: Sequential Number:

*= Six Digit Sequential Number Assigned By The Build Plant

DESCRIPTION OF V.I.N. CODE CHECK DIGIT (Position 9)

- .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.

- 5.2 THE CHECK DIGIT IS DETERMINED BY CARRYING OUT THE MATHEMATICAL COMPUTATION SPECIFIED IN S5.2.1-S5.2.4
- 5.2.1 ASSIGN TO EACH NUMBER IN THE VEHICLE IDENTIFICATION NUMBER ITS ACTUAL MATHEMATICAL VALUE AND ASSIGN TO EACH LETTER THE VALUESPECIFIED FOR IT.
- 5.2.2 MULTIPLY THE ASSIGNED VALUE FOR EACH CHARACTER IN THE VEHICLE IDENTIFICATION NUMBER BY THE WEIGHT FACTOR.MULTIPLY THE CHECK DIGIT BY ZERO (0).
- 5.2.3 ADD THE RESULTING PRODUCTS AND DIVIDE THE TOTAL BY 11.
- 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 10 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