

ORG6991

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Chrysler Group LLC

2012 Passenger Car Vehicle Identification Number Code Guide

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Revised August 10, 2011

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
2	C	3	Chrysler Canada	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
C	Jefferson North Assembly
D	Belvidere Assembly
E	Saltillo Van/Truck Assembly Plant
G	Saltillo Assembly
H	Brampton Assembly
L	Toledo South Assembly
N	Sterling Heights Assembly
R	Windsor Assembly
S	Warren Truck Assembly
T	Toluca Assembly
W	Toledo North Assembly
0	South East Motor (S.E.M.)
1	Valencia, Venezuela (C.D.V.)
4	Cairo, Egypt (A.A.V.)
8	Nazareth, Israel (A.I.L.)

NOTE for Position 11: Vehicles manufactured outside of the NAFTA region, as designated in position 11 of the VIN, do not use a NAFTA Region WMI in positions 1 thru 3 of the VIN.

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
D	Active Belts (ASP), Without Air Bags, Without Side Inflatable Restraints

(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
Y	2.0 Liter	4	Diesel	Yes	EBT
A	2.0 Liter	4	Gas	No	ECC, ECK, ECN, ECT
A	2.0 Liter	4	Gas/CNG	No	ECQ
U	2.2 Liter	4	Diesel	Yes	ENE
B	2.4 Liter	4	Gas	No	ED3, EDG, EDZ, ED7
5	2.8 Liter	4	Diesel	Yes	ENS
M	3.0 Liter	6	Diesel	Yes	EXF
G	3.6 Liter	6	Gas	No	ERB
K	3.7 Liter	6	Gas	No	EKG
K	3.7 Liter	6	Gas/CNG	No	EKH
P	4.7 Liter	8	Gas	No	EVE
T	5.7 Liter	8	Gas	No	EZC, EZE, EZH
2	5.7 Liter	8	Gas/CNG	No	EZF
J	6.4 Liter	8	Gas	No	ESG, ESH
L	6.7 Liter	6	Diesel	Yes	ETJ

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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			
F	F	E	Lounge			2 Door Convertible

Chrysler 300 (LX)

5	6	7	Series	Drive Position	Drive Type	Body Type
C	A	A	(Base)	Left Hand Drive	Rear Wheel Drive	4 Door Sedan
C	A	B	300S V6			
C	A	C	Limited			
C	A	D	300S V8			
C	A	E	300C			
C	A	F	SRT8			
C	A	P	300C Luxury			
C	A	R	(Base)			
C	A	S	300C Luxury			
C	A	G	300S V6			
C	A	H	Limited			
C	A	J	300S V8			
C	A	K	300C			
C	A	L	300C		Right Hand Drive	
C	A	N	SRT8			

Chrysler 200 (JS)

5	6	7	Series	Drive Position	Drive Type	Body Type
C	B	A	LX	Left Hand Drive	Front Wheel Drive	4 Door Sedan
C	B	B	Touring			
C	B	C	Limited			
C	B	H	S			
C	B	D	LX			
C	B	E	Touring			2 Door Convertible
C	B	F	Limited			
C	B	G	S			

Lancia 300C (LX)

5	6	7	Series	Drive Position	Drive Type	Body Type
L	A	A	Thema	Left Hand Drive	Rear Wheel Drive	4 Door Sedan

Lancia JS-27 (JS)

5	6	7	Series	Drive Position	Drive Type	Body Type
L	D	A	Flavia	Left Hand Drive	Front Wheel Drive	2 Door Convertible

Dodge Avenger (JS)

5	6	7	Series	Drive Position	Drive Type	Body Type
D	Z	A	SE	Left Hand Drive	Front Wheel Drive	4 Door Sedan
D	Z	B	R/T			
D	Z	C	SXT			
D	Z	E	SXT Plus			
D	Z	D	LUX			

Dodge Challenger (LC)

5	6	7	Series	Drive Position	Drive Type	Body Type
D	Y	A	(Base)	Left Hand Drive	Rear Wheel Drive	2 Door Sedan
D	Y	B	R/T			
D	Y	C	SRT8			

Dodge Charger (LD)

5	6	7	Series	Drive Position	Drive Type	Body Type
D	X	A	Police	Left Hand Drive	Rear Wheel Drive	4 Door Sedan
D	X	B	SE			
D	X	C	R/T			
D	X	E	SRT8			
D	X	G	Superbee			
D	X	H	SXT			
D	X	F	V6			
D	X	D	R/T			
D	X	J	SXT			

Dodge Caliber (PM)

5	6	7	Series	Drive Position	Drive Type	Body Type	
D	W	A	SE (BUX, Can, Mex)	Left Hand Drive	Front Wheel Drive	4 Door Hatchback	
D	W	B	SE (US only)				
D	W	C	SXT (BUX, Can, Mex)				
D	W	D	SXT (US only)				
D	W	E	SXT Plus				
D	W	F	Uptown				
D	W	G	R/T				
D	W	H	Rush				
D	W	J	SXT				Right Hand Drive
D	W	K	(TBD)				

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<u>Revision Date</u>	<u>Position</u>	<u>Change Summary</u>
August 11, 2011	11 5,6,7 5,6,7	Added Saltillo Van/Truck Assembly Plant (E) Added LX Chrysler CAP, CAR, CAS Updated marketing names for: LX Chrysler, LD Dodge, JS Dodge, PM Dodge
June 7, 2011	5, 6, 7 5, 6, 7 8 9	Added JS Dodge SXT Sport Added JS-27 Lancia Flavia Added ECT Engine Added page for Check digit formula
Mar 7, 2011	5, 6, 7	Added vehicle line, & series DS48 (DXH) & ES48 (DXJ) Rallye for the LD vehicle family
Jan 18, 2011	8	Remove Engine code ED6. Add Engine Code EZF.
Nov 24, 2010	11	Note added for position 11, renamed Sebring to 200 (JS)
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), S (JS), Superbee (LD), TBD (PM). Updated marketing names highlighted in red.
July 27, 2010	5, 6, 7	Added Lancia 300C (LX)
July 9, 2010	8	Specify whether the engines are turbo equipped or not. Change EAF from R to H. Add EDZ, ED6 & ED7. Remove EGS, EGT, EG1
May 4, 2010	5,6, 7	Add LX - SRT8 RHD, LD V6, & LD SRT8
May 3, 2010	8	Add EAJ engine
April 1, 2010	ALL	Initial Issue

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

0.1 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 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 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:

$411/11=37\ 4/11$

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"