

FCA Italy S.p.A.
Vehicle Identification Number Code Guide
NAFTA
MPV / Truck
MODEL YEAR 2016
Rev. May 11, 2016

Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Typical VIN	Word Manufacturer Identification			Brake Syst. & GVWR Range	Brand, Marketing Name, Drive Wheels, Cab/Body Type, Drive position, Price Series			Engine	Check Digit	Model Year	Plant	0	0	0	0	0	0
				A/N	A/N	A/N	A	A/N				A/N	N	N	N	N	N

POSITION 1-3 Word Manufacturer Identification

1	2	3	Manufacturer	Vehicle type
Z	F	B	FCA Italy S.p.A.	MPV
Z	A	C	FCA Italy S.p.A.	MPV

Position 5-6-7 : Brand, Marketing Name, Drive Wheels, Cab/Body Type, Drive position, Price Series
SEE FOLLOWING PAGE

Position 8 : Engine

Code	Displacement	Cylinders	Fuel	Turbo
H	1.4	4	Gasoline	Yes
T	2.4	4	Gasoline	No
W	1.4	4	Gasoline	Yes

POSITION 4 : Brake System & GVWR Range

Brake system	GVWR Range		Active Belts, Front Air Bag/s	Active Belts, Front Air Bags Side bags-Front Row	Active Belts, Front Air Bags Side bags-1 st and 2 nd Rows	Active Belts, No Air Bags	Active Belts GVWR > 10000 lbs (4536 kg)
	Lbs.	Kilograms					
Hyd Brakes	1-3000	(0-1360 kg)					
Hyd Brakes	3001-4000	(1361-1814 kg)	V	X	Y	Z	
Hyd Brakes	4001-5000	(1815-2267 kg)	A	B	C	0	
Hyd Brakes	5001-6000	(2268 - 2721kg)	D	E	F	1	
Hyd Brakes	6001 - 7000	(2722 - 3175 kg)	G	H	J	2	
Hyd Brakes	7001 - 8000	(3176 - 3628 kg)	K	L	M	3	
Hyd Brakes	8001 - 9000	(3629 - 4082 kg)	N	P	R	4	
Hyd Brakes	9001 - 10000	(4083 - 4535 kg)	S	T	U	5	
Hyd Brakes	10001 - 14000	(4536 - 6350 kg)					
Hyd Brakes	14001 - 16000	(6351 - 7257 kg)					
Hyd Brakes	16001 - 19500	(7258 - 8845 kg)					
Hyd Brakes	195001 - 26000	(8846 - 11793 kg)					
Hyd Brakes	INCOMPLETE VEHICLES					W	
Hyd Brakes	BUS					7	

Position 9 : Check Digit

Calculated from formula in part 565

FIAT 500X built during March and April 2015 may contain a zero (0)

Position 10 : Model Year

2016 = G

Position 11 : Assembly Plant

Code	Plant
Z	KRAGUJEVAC (SERBIA)
6	BURSA (TURKEY)
P	MELFI (ITALY)

Position 12 - 17 : Plant Sequence Number

Note: Position 12 is alphanumeric: progresses from 0 to 9, then A to Z
Position 13 to 17 are numeric progressive only

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Position 5-6-7 define the following: Brand, Marketing Name, Drive Wheels, Cab/Body Type, Drive position, Price Series

FIAT 500L (330) MPV

	5	6	7	5	6	7			
	FWD			AWD			Body Type	Drive position	Series
ZFB	F	A	A				Compact Minivan (Short WB)	Left Hand Drive	POP
ZFB	F	A	B				Compact Minivan (Short WB)		EASY (US-Mex.), Sport (Can)
ZFB	F	A	C				Compact Minivan (Short WB)		LOUNGE
ZFB	F	A	D				Compact Minivan (Short WB)		TREKKING

RAM PROMASTER CITY (636) MPV

	5	6	7	5	6	7			
	FWD			AWD			Body Type	Drive Position	Series
ZFB	R	F	A				Wagon	Left Hand Drive	ST
ZFB	R	F	B				Wagon		SLT
ZFB	R	F	C				VAN		ST
ZFB	R	F	D				VAN		SLT

JEEP Renegade (520) MPV

	5	6	7	5	6	7			
	FWD			AWD			Body Type	Drive position	Series
ZAC	J	A	A	J	B	A	Sport Utility - 4 Door	Left Hand Drive	Sport
ZAC	J	A	B	J	B	B	Sport Utility - 4 Door		Latitude(US-Mex.),North(Can)
ZAC				J	B	C	Sport Utility - 4 Door		Trailhawk
ZAC	J	A	D	J	B	D	Sport Utility - 4 Door		Limited

FIAT 500X (334) MPV (NAFTA MARKET)

	5	6	7	5	6	7			
	FWD			AWD			Body Type	Drive position	Series
ZFB	F	X	A				Sport Utility - 4 Door	Left Hand Drive	POP
ZFB	F	X	B	F	Y	B			EASY (US-Mex), SPORT (Can)
ZFB	F	X	C	F	Y	C			TREKKING
ZFB	F	X	D	F	Y	D			LOUNGE
ZFB	F	X	E	F	Y	E			TREKKING PLUS

Prior 2016 MY VIN decoder guides mistakenly showed 500X position 7 as: "C" = LOUNGE; "D" = TREKKING
This updated guide correctly shows: "C" = TREKKING ; "D" = LOUNGE

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<u>Revision Date</u>	<u>Position</u>	<u>Change Summary</u>
May 27, 2014	All	Initial Release
June 25, 2014	5,6,7	500L: Series: "Sport" for Can. "Easy" for USA /Mex.
	5,6,7	Renegade : Series "North" for Can. "Latitude" for USA/Mex.
March 20, 2015	5,6,7	500X : NEW MODEL
	1,2,3	Company name : FCA Italy S.p.A.
May 19, 2015	9	FIAT 500X built during March and April 2015 may contain a zero (0)
July 30 ,2015	8	Power values erased
May 11, 2016	7	FIAT 500 X Series updated to : "C" = TREKKING ; "D" = LOUNGE

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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.

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

THE REMAINDER IS THE CHECK DIGIT. IF THE REMAINDER IS 10, THE CHECK DIGIT IS X.

5.2.4

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"