

FIAT GROUP AUTOMOBILES S.p.A.
Vehicle Identification Number Code Guide

NAFTA
MPV / Truck
MODEL YEAR 2015

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Rev. September 29, 2014

Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Typical VIN	World Manufacturer Identifier			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

POSITION 1-3 World Manufacturer Identifier

1	2	3	Manufacturer	Vehicle type
Z	F	B	Fiat Group Automobiles 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	HP
H	1.4	4	Gasoline	Yes	165
T	2.4	4	Gasoline	No	184
w	1.4	4	Gasoline	Yes	160

Position 9 : Check Digit

Calculated from formula in part 565

POSITION 4 : Brake System & GVWR Range

GVWR Range			Active Belts, Front Air Bag	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)
Brake system	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 10 : Model Year

2015 = F

Position 11 : Assembly Plant

Code	Plant
Z	KRAGUIEVAC (SERBIA)
6	BURSA (TURKEY)

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 (MPV)

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

RAM PROMASTER CITY (MPV)

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

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2015 FIAT Group Automobiles S.p. A. MPV / Truck

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Revision Date

Position

Change Summary

September 29, 2014

All

Initial Release - FIAT 500L, RAM Promaster City

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2015 FIAT Group Automobiles S.p.A. MPV / Truck

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 5.2.1-5.2.4

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

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 G4 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

$\text{CODE VALUE} \times \text{POSITION WEIGHT} = R/11$

R (REMAINDER) = CHECK DIGIT

IF R = 10 CHECK DIGIT IS "X"