



Knowledge Articles

VIN codification of the Euro 6 bus

KA ID: KA000004131

Symptom

Simple recognition of the Euro 6 vehicle model based on VIN (Vehicle Identification Number) codification.

Diagnosis

The 17 characters of VIN code contains following information:

characters 1 - 3: manufacturer code known as **World Manufacturer Identifier**:

VJ1 - Heuliez Bus

VNE - IVECO BUS France

ZCF - FIAT / IVECO

ZGA - IVECO BUS Italy

character 4: chassis type:

4 - low floor (urban bus)

5 - Low Entry

6 - standard floor (intercity coach)

7 - LD floor (tourist coach)

character 5: engine model:

0 - Tector 7

1 - Tector 7 Hybrid

2 - Cursor 9

3 - Cursor 8 CNG

4 - Cursor 9 CNG

character 6: vehicle model:

1 - GX Heuliez Bus

2 - URBANWAY

3 - CROSSWAY

4 - CROSSWAY LE

5 - MAGELYS

6 - EURORIDER

character 7: length[m]:

3 - 9.6 m

4 - 10.5 m

5 - 10.6 m

6 - 12 m

7 - 13 m

8 - 14.5 m

C - 18 m

character 8: engine power [horse power]:

M - 286 - 290 hp

N - 310 - 330 hp

P - 360 hp

R - 400 hp

character 9: check digit:

calculated based on manufacturer system

character 10: year of manufacture:

0 - not used in this case

D - 2013

E - 2014

F - 2015

G - 2016

H - 2017

I - 2018

J - 2019

character 11: manufacturer site:

0 - Annonay (France)

M - Vysoké Mýto (Czech Republic)

N - Rorthais (France)

character 12 - 17: serial number of the chassis:

Resolution

Examples:

1-3) Manufacturer	5) Engine	7) Length	9) Check digit	11) Manufacture site												
V11 HEULIEZ BUS VNE IVECO FRANCE ZCF FIAT/ IVECO ZGA IRISBUS ITALIA	0 Tector 7 1 Tector 7 Hybrid 2 Cursor 9 3 Cursor 8 CNG	3 9.6m 4 10.5m 5 10.6m 6 12m 7 13m C 18m	0-9, calculated	0 Annonay M Vysoké Mýto N Rorthais												
V N E	4	3	2	C	M	_	E	0	0	0	0	0	0	0	1	URBANWAY 18m Cursor 8 CNG 290 hp
V N E	7	2	5	7	R	_	E	0	0	0	0	0	0	0	1	MAGELYS 13m Cursor 9 400 hp
V N E	5	0	4	5	N	_	E	M	0	0	0	0	0	0	1	CROSSWAY L.E. 10.6m Tector 7 320 hp
V J 1	4	1	1	6	N	_	E	N	0	0	0	0	0	0	1	GX HeuliezBus 12m Tector 7 Hybrid 320 hp
4) Chassis type	6) Model	8) Power	10) Year of manufacture													
4 LowFloor (*bus) 5 LowEntry 6 Standard Floor 7 LD.Floor	1 GX HeuliezBus 2 URBANWAY 3 CROSSWAY 4 CROSSWAYL.E. 5 MAGELYS 6 EURORIDER	M 286 hp 17 die M 286 hp 17 hyb M 290 hp 13 CNG N 320 hp 17 die N 320 hp 17 hyb N 310 hp 13 N 330 hp 13 CNG P 360 hp 13 R 400 hp 13	D 2013 E 2014 F 2015 G 2016 H 2017													

Warranty

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This article does not give any authorisation to carry out warranty works. Authorisation must be obtained in the usual way.

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Group Component

50.01.01 CHASSIS - CHASSIS - CHASSIS ASSEMBLY

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