



**WORKING IN THE REPUBLIC OF UZBEKISTAN OF LIGHT MOTOR
TRANSPORTATION VEHICLES ISSUED METHODS OF DETERMINING
MARKIROVKA SIGNS**

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Annotation: *Scientific of the article associate Its purpose is to apply company logos applied to the bodies and engines of motor vehicles manufactured in foreign countries and in our country, and to determine the elements of the design of the marks that are left when they are removed, and what the numbers and letters on them mean.*

Keywords; *WMI, VDS, VIS, VIN, code, Identification, ISO, special characters, comparison system, expert.*

When changes are made to the company's logos on vehicles after they have been stamped in various ways, the methods of determining their primary numbers and their application help in quick search, investigation, etc. This guide was created to make it easier to find the right one and teach young people .

This scientific article serves for the use of professors and students of the Department of Traffic Management of Tashkent State Transport University during production practice.

Comparison system of identification marks on the body (frame).

the international standard (ISO 3779-1983), identification numbers -Vehicle Identification Number (VIN) must be stamped on the integral part of the body of each motor vehicle (frame strut) and consists of seventeen characters, divided into three parts and they are as follows:

- indicate the unique identification code of the manufacturer ;
- Vehicle Description Section (VDS) - the next six characters are the vehicle description section;
- Vehicle Identification Section (VIS) - the last eight characters - the part indicating the differences, four of which must be written with numbers.



1 F AV P29 D 3GA5 34647

VIN																
WMI			VDS						VIS							
1	F	A	D	P	2	9	D	3	G	A	5	3				7
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7

- 1 - geographical location of the manufacturer (I);
- 2 - Conditional symbol (code) of the state (F);
- 3 - conventional symbol (code) of the manufacturer (A);
- 4 - 9 - the index of the vehicle (the main parameters of the car and (VR29 D 3));
- 10 - year code of the produced sample (G);
- 11 - production brand of the issuing company (A);
- the order numbers of the produced machine (534647);

At the manufacturing plant, the parts that are divided into pieces are assembled into a whole and made usable, and the manufacturing plant ensures that the dimensions and depths of the VIN are the same. VIN signs consisting of numbers and letters must be printed by the manufacturer, and their last four signs must be stamped with numbers.

When typing characters, Arabic numbers (1,2,3,4,5,6,7,8,9,0) and Latin letters (A,B,C,D,E,F,G,H,J, K ,L,M,N,P,R,S,T,U,V,W,X,Y,Z,) are used .

The following letters (I, O and G) are not used for identification markings .

Comparison marks VIN (WMI , VDS and VIS) are not always printed on the body . They should be laid out in a row and have the same size and depth. VIN documents are not written in one line and characters between them are placed.

On many foreign cars, the comparison stamp marks that are lowered into the body are lowered in their own learned way. Many are different from the general standard and recommended. In Europe, Asia, and the USA, the conventional markings on car bodies may have more or less letters and numbers, and their differences are listed in the table below.

Table 1
Vehicle bodies produced in Europe, Asia and the USA are identified as follows.

State stamp	Identification marks
Audi (Germany)	WAU ZZ28GZ TA 12345 6
Mer c edes-Benz series W 124 (Germany)	WDB 124030 1 B 012345
Mer c edes-Benz series W 140 (Germany)	WDB 140032 1 A 012345
Mer c edes-Benz series G (Germany)	WDB 461338 17 012345
Mer c edes-Benz series W 123 (Germany)	123 020 12 123456
Mer c edes-Benz ML- synfga mansub (USA)	W D C AB72E8 W A012345 4ЖГ AB72E8 W A012345
BMW (Germany)	WBA AN310! 0AA12345
Mitsubishi, export qilishga bajarilgan	ZHMB ONV240 WP012345



(Japan)	
Toyota, export qilishga mulzhallanmagan (Japan)	ZhTl 23VND0 12345678 SV 12-0123456
Mercedes-Benz series W 140, Trasc o / Bremen (Germany) firmas tamonidan body and zirx bilan coplangan (booking)	TRI2345678
Asura (Japan)	19UYAII52 VL0 12345
Jeep Grandee Cherokee (USA)	1Zh4 GZ78YI CC123456

The tenth character in the car's license plate number indicates the year of manufacture of the car. The markings of the year of manufacture vary according to the calendar, because the next year's markings may be placed three to four months before the car goes on sale. The manufacturer's release date for the next model year varies, but most manufacturers accept the model year as of October 1 of the previous year. For example: if the comparison tenth (S) is marked 1995, this year mark was put into production from the fall of 1994.

table 2

Years in the production of automobile parts marked with special characters

Year	Code	Year	Code	Year	Code
1980	A	1986	G	1992	N
1981	V	1987	N	1993	R
1982	S	1988	AND	1994	R
1983	D	1989	TO	1995	WITH
1984	E	1990	L	1996	T
1985	F	1991	M	1997	IN
1998	W	2012	WITH	2026	T
1999	X	2013	D	2027	IN
2000	Y	2014	E	2028	W
2001	1	2015	F	2029	X
2002	2	2016	G	2030	Y
2003	3	2017	H	2031	1
2004	4	2018	AND	2032	2
2005	5	2019	TO	2033	3
2006	6	2020	L	2034	4
2007	7	2021	M	2035	5
2008	8	2022	N	2036	6
2009	9	2023	R	2037	7
2010	AND	2024	R	2038	8
2011	IN	2025	S	2039	9

Not all manufacturing companies and enterprises comply with the above year code standards. They can designate years with signs and numbers that do not depend on them.

In our republic, YPH and experts may make mistakes in determining the year of manufacture of the car. For example: Mercedes-Benz vehicle identification numbers WDB 140032 1A 655432, where the car was manufactured in 1980, and the year of manufacture



code (A) is 11, not 10. The code located in the 10th place of the identification numbers on the car body (1) is the steering wheel of the car indicates that the control is on the right or left.

11- (A, Б, К, Д, E, 7) codes of Mercedes-Benz vehicle identification numbers determine the code of the assembly plant and the date of manufacture of the cars. (W140) series cars have been in production since 1991.

Mercedes – Benz series Geländewagen (Type G) vehicle identification numbers on the frame spar have the tenth and eleventh characters instead of letters and numbers, for example: WDB 461338 17 456789 VDS and VIS identification in such characters Any company that manufactures its signs can voluntarily make its own identification signs, taking into account the market requirements.

Table 3

Signs in the identification system of NEHIA cars are determined as follows.

Identification signs			
	X	W	B 3 L 3 1 E D 1 A 1 2 3 4 5 6
	(1)	(2)	(3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17)
Tar t ib numbers	Code	Identification of codes	Types
(1) - (3)	ULV	Code of the manufacturing plant from 1996 to 2003	Uzbekistan, AOZT " UzDEUavto "
	XWB	Manufacturer code from 2004	Uzbekistan, ZAO" DjiEm Uzbekistan"
(4)	3	Type	Passenger carrier, transverse engine, front-wheel drive
(5)	L	Engine code	L-SOH C D-DOH C 1498cc , 4- cylinder , multi-port fuel injection.
(6)	3	Body type	4 door sedan
(7)	1	Ozgarishlarning boshlanishi	Birinci model (H 100) Ikkinchi model (N 150)
(8)	E	Turi model	B - ethylated At - Unleaded (Euro 2) C - Unleaded (Euro 3) E - Unleaded (Euro 4)
(9)	V	The type of transmission and the location of the steering wheel	V - 4-step mechanic; D - 5 -step mechanic; Left managed by
(10)	1	years of production of the model	1 - 2001, 2 - 2002, 3 - 2003,



			4 – 2004, 5 – 2005, 6 – 2006, 7 – 2007, 8 – 2008, 9 – 2009.
(11)	A	Collecting quarry code	Asaka
(12)-(17)	123456	Vehicle serial number	-

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