

The Vehicle Identification Number (VIN)

VIN Position Specifications

Position	49 CFR 565 ¹	Prohibited	Notes
1-3	Manufacturer	I,O,Q	A "9" in the third position is a shared WMI for LPM.
4-8	Vehicle Attributes: Body, Style, GVWR	I,O,Q I,O,Q I,O,Q	If gross vehicle weight rating (GVWR) <=10,000 lbs: 4,5,6 may be alpha or numeric. 7 must be alpha.
9	Check Digit	See notes	Must be 0-9 or X.
10	Model Year	I,O,Q,0,U,Z	See Year Table Below.
11	Plant of Manufacture	I,O,Q	Manufacturer code that corresponds to a plant of manufacture.
12-17	Serial Number	I,O,Q*	* If GVWR<=10,000 lbs: 13-17 are numeric. Else 14-17 is numeric.

Low Production Manufacturer (LPM) - Less than 1,000 vehicles

12-17	WMI Suffix	I,O,Q, Alpha	12-17 must be numeric. 12-14 Identifies the LPM along with the WMI
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VIN-Year Table²

A- 2010	D- 2013	G- 2016	K- 2019	N- 2022	S- 2025	W- 2028	1-2031	4- 2034	7-2037
B- 2011	E- 2014	H- 2017	L- 2020	P- 2023	T- 2026	X- 2029	2-2032	5- 2035	8-2038
C- 2012	F- 2015	J- 2018	M- 2021	R- 2024	V- 2027	Y- 2030	3-2033	6- 2036	9-2039

¹For more info, see the Code of Federal Regulations, Title 49, Part 565

² The year code corresponds to a 30 year cycle

The World Manufacturer Identifier (WMI)

THE WMI				WMI Common Typos			Typo
The WMI refers to the first three characters of the VIN. A "9" in the third position reflects a shared WMI for Low Production Manufacturers (LPM). For LPM, refer to positions 12,13,14.				Typo	Valid	Maker	Exchanges
The most common WMIs:				1FY	1FT	Ford	T & F
				IFD	1FD		T & 7
1F8	1FB	Freightliner	T & Y				
1F0	1FD		K & X				
1st Pos	Region	Country	Example Manufacturers	ZFU	2FU	Gillig	M & N
2	N. America	United States	Ford, Chevrolet, GMC, Dodge, Mack, Kenworth, Sterling, Volvo, Western Star, etc	4U2	4UZ		U & V
3		Canada		Z & 2			
9		S. America		Mexico	Ford	ZHS	2HS
J	Asia	Japan	GMC, Hino, International, Mitsubishi, Fuso, Sterling, UD	2H5	2HS	International	A & 4 & H
K		South Korea	Bering	1H5	1HS		B & 3 & 8
V	Europe	France	Mack Trucks	1HU	1HV		B & D & P
Y		Sweeden	Scania, Van Hool Bus, Volvo	1XX	1XK	Kenworth	C & G & 6
W		Germany	BMW, Mercedes-Benz, Sprinter	1MZ	1M2	Mack	I & L & 1
S		Great Britain	Kenworth, Peterbilt, Land Rover	2F2	2FZ	Sterling	S & 5 & 6
				4U4	4V4	Volvo	O & Q & 0 & D

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2010 to present



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4-8	Vehicle Attributes: Body, Style, GVWR	I,O,Q I,O,Q I,O,Q	If gross vehicle weight rating (GVWR) <=10,000 lbs: 4-5 must be alpha; 6-7 must be numeric
9	Check Digit	See notes	Must be one of the following characters: 0-9 or X.
10	Model Year	I,O,Q,0,U,Z	See Year Table Below.
11	Plant of Manufacture	I,O,Q	Manufacturer code that corresponds to a plant of manufacture.
12-17	Serial Number	I,O,Q*	* If GVWR<=10,000 lbs: 13-17 are numeric. Else 14-17 is numeric.

Low Production Manufacturer (LPM) - 500 or fewer manufactured

12-17	WMI Suffix	I,O,Q, Alpha	12-17 must be numeric. 12-14 Identifies the LPM along with the WMI
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VIN-Year Table²

A-1980	D-1983	G-1986	K-1989	N-1992	S-1995	W-1998	1-2001	4-2004	7-2007
B-1981	E-1984	H-1987	L-1990	P-1993	T-1996	X-1999	2-2002	5-2005	8-2008
C-1982	F-1985	J-1988	M-1991	R-1994	V-1997	Y-2000	3-2003	6-2006	9-2009

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National Institute for
Safety Research, Inc.

1981 - 2009



The World Manufacturer Identifier (WMI)

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The most common WMIs:				1FY	1FT	Ford	T & F
1st Pos	Region	Country	Example Manufacturers	IFD	1FD		T & 7
1,4,5	N. America	United States	Ford, Chevrolet, GMC, Dodge, Mack, Kenworth, Sterling, Volvo, Western Star, etc	1F8	1FB		T & Y
2		Canada		1F0	1FD		K & X
3		Mexico		ZFU	2FU	Freightliner	M & N
9	S. America	Brazil	Ford	4U2	4UZ	U & V	
J	Asia	Japan	GMC, Hino, International, Mitsubishi, Fuso, Sterling, UD	156	15G	Gillig	Z & 2
K		South Korea	Bering	ZHS	2HS	International	R & P
V	Europe	France	Mack Trucks	2H5	2HS		A & 4 & H
Y		Sweeden	Scania, Van Hool Bus, Volvo	1H5	1HS		B & 3 & 8
W		Germany	BMW, Mercedes-Benz, Sprinter	1HU	1HV	B & D & P	
S		Great Britain	Kenworth, Peterbilt, Land Rover	1XX	1XK	Kenworth	C & G & 6
				1MZ	1M2	Mack	I & L & 1
				2F2	2FZ	Sterling	S & 5 & 6
				4U4	4V4	Volvo	O & Q & 0 & D

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