

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

### VIN – How to Use It

Here is your 2003 guide to interpreting universal Vehicle Identification Numbers.

All vehicle body codes shown apply to 2003 models only. For previous model year body type codes, see reference material at your dealership or previous VIN Guides published by the Vehicle Remarketing Department.

Universal Vehicle Identification Numbers (VINs) have 17 “positions”. There is a number or a letter in each position (see example below).

In this guide, you will find decoding for positions 5-7 (line, series and body type), position 8 (engine type), and position 11 (assembly plant).

The VIN data are preliminary and are prepared for the exclusive use of Ford Division dealers. More comprehensive dealership VIN references should be checked to confirm accuracy.

### Check This Example

Typical VIN	1	F	D	S	F	3	4	S	6	3	E	A	8	6	3	1	1
	┌───────────┐			┆	┌───────────┐			┆	┆	┆	┆	┌──────────────────────────┐					
	└───────────┘			┆	└───────────┘			┆	┆	┆	┆	└──────────────────────────┘					
	┆			┆	┆			┆	┆	┆	┆	┆					
Position Number	1-3			4	5-7			8	9	10	11	12-17					
Positions 1-3	World Manufacturer Identifier																
Position 4	Restraint System Type (Passenger Car Only)																
	Brake Type, GVWR Class, and Restraint System Type (Trucks, MPVs and Buses)																
Positions 5-7	Line, Series, Body Type																
Position 8	Engine Type																
Position 9	Check Digit																
Position 10	Model Year																
Position 11	Assembly Plant																
Positions 12-17	Production Sequence Number																

### World Manufacturing Identifiers (WMI) (Positions 1-3)

POSITIONS 1-3	VEHICLE MANUFACTURER	MAIKE	TYPE
1FM	FORD MOTOR COMPANY, USA	FORD	MPV
1FT	FORD MOTOR COMPANY, USA	FORD	TRUCK (COMPLETED VEHICLE)
1FD	FORD MOTOR COMPANY, USA	FORD	INCOMPLETE VEHICLE
1FC	FORD MOTOR COMPANY, USA	FORD	STRIPPED CHASSIS
1FB	FORD MOTOR COMPANY, USA	FORD	BUS
1FF	FORD MOTOR COMPANY, USA	FORD	MOTOR VEHICLE EQUIPEMENT W/O ENGINE/POWERTRAIN
2FM	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	MPV
2FT	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	TRUCK (COMPLETED VEHICLE)
2FD	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	INCOMPLETE VEHICLE
2FC	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	STRIPPED CHASSIS
2FB	FORD MOTOR COMPANY OF CANADA, LTD.	FORD	BUS
2FF	FORD MOTOR COMPANY, USA	FORD	MOTOR VEHICLE EQUIPEMENT W/O ENGINE/POWERTRAIN
3FB	FORD MOTOR COMPANY (MEXICO)	FORD	BUS
3FC	FORD MOTOR COMPANY (MEXICO)	FORD	STRIPPED CHASSIS
3FD	FORD MOTOR COMPANY (MEXICO)	FORD	INCOMPLETE VEHICLE
3FE	FORD MOTOR COMPANY (MEXICO)	FORD	INCOMPLETE VEHICLE
3FM	FORD MOTOR COMPANY (MEXICO)	FORD	MPV
3FT	FORD MOTOR COMPANY (MEXICO)	FORD	TRUCK (COMPLETED VEHICLE)

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

**Brake System and GVWR Class for Trucks and MPVs (Position 4)**  
**Brake System (only) for Buses and Incomplete Vehicles - GVWR classes as shown are not applicable.**

<b>BRAKE SYSTEM</b>	<b>GVWR CLASS</b>	<b>GVWR RANGE</b>	<b>TRUCKS without Airbags</b>	<b>LIGHT TRUCKS with Driver and Passenger Airbags</b>	<b>LIGHT TRUCKS with Driver and Passenger Airbags and Side Airbags, Curtains or Canopies</b>	<b>RHD U.S. POSTAL SERVICE EXPLORER without Airbags</b>
Hydraulic	Class A	Not greater than 3,000 pounds		T		
Hydraulic	Class B	3,001 - 4,000 pounds		U	B	
Hydraulic	Class C	4,001 - 5,000 pounds		Y	C	
Hydraulic	Class D	5,001 - 6,000 pounds		Z	D	M
Hydraulic	Class E	6,001 - 7,000 pounds		R	E	G
Hydraulic	Class F	7,001 - 8,000 pounds		P	F	
Hydraulic	Class G	8,001 - 8,500 pounds		V		
Hydraulic	Class G	8,501 - 9,000 pounds	H	N		
Hydraulic	Class H	9,001 - 10,000 pounds	J	S		
Hydraulic	Class 3	10,001 - 14,000 pounds	K	W		
Hydraulic	Class 4	14,001 - 16,000 pounds	L	X		
Hydraulic	Class 5	16,001 - 19,500 pounds	M	A		
Hydraulic	Class 6	19,501 - 26,000 pounds	N			
Hydraulic	Class 7	26,001 - 33,000 pounds	P			
Air	Class 3	10,001 - 14,000 pounds	T			
Air	Class 4	14,001 - 16,000 pounds	U			
Air	Class 5	16,001 - 19,500 pounds	V			
Air	Class 6	19,501 - 26,000 pounds	W			
Air	Class 7	26,001 - 33,000 pounds	X			

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

Page 16

## INTRODUCTION

Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose Passenger Vehicles (MPVs), Buses, and Incomplete Vehicles (IVs) with GVW Ratings of 4990 kilograms (11,000 pounds) or less: (Positions 5, 6, 7)

VIN CODE	VEHICLE LINE	SERIES	CHASSIS TYPE	CAB or BODY TYPE	VEHICLE TYPE
Make - FORD					
R10	Ranger		4x2	Pickup-Regular Cab	Truck
R11	Ranger		4x4	Pickup-Regular Cab	Truck
R14	Ranger		4x2	Pickup-SuperCab 2-Dr	Truck
R15	Ranger		4x4	Pickup-SuperCab 2-Dr	Truck
R44	Ranger		4x2	Pickup-SuperCab 4-Dr	Truck
R45	Ranger		4x4	Pickup-SuperCab 4-Dr	Truck
R08	Ranger (Electric)	EV	4x2	Pickup-Regular Cab	Truck
F07	F-Series	F150	4x2	Pickup-Regular Cab Flareside	Truck or IV
W07	F-Series	F150	4x2	Pickup-Super Crew	Truck or IV
X08	F-Series	F150	4x4	Pickup-SuperCab Flareside	Truck or IV
F17	F-Series	F150	4x2	Pickup-Regular Cab Styleside	Truck or IV
X07	F-Series	F150	4x2	Pickup-SuperCab Flareside	Truck or IV
F08	F-Series	F150	4x4	Pickup-Regular Cab Flareside	Truck or IV
W08	F-Series	F150	4x4	Pickup-Super Crew	Truck or IV
X17	F-Series	F150	4x2	Pickup-SuperCab Styleside	Truck or IV
F18	F-Series	F150	4x4	Pickup-Regular Cab Styleside	Truck or IV
X18	F-Series	F150	4x4	Pickup-SuperCab Styleside	Truck or IV
F20	F-Series	F250	4x2	Pickup-Regular Cab Styleside	Truck or IV
X20	F-Series	F250	4x2	Pickup-SuperCab Styleside	Truck or IV
W20	F-Series	F250	4x2	Pickup-Crew Cab Styleside	Truck or IV
F21	F-Series	F250	4x4	Pickup-Regular Cab Styleside	Truck or IV
X21	F-Series	F250	4x4	Pickup-SuperCab Styleside	Truck or IV
W21	F-Series	F250	4x4	Pickup-Crew Cab Styleside	Truck or IV
F30	F-Series	F350	4x2	Pickup-Regular Cab	Truck or IV
X30	F-Series	F350	4x2	Pickup-SuperCab	Truck or IV
W30	F-Series	F350	4x2	Pickup-Crew Cab	Truck or IV

VIN CODE	VEHICLE LINE	SERIES	CHASSIS TYPE	CAB or BODY TYPE	VEHICLE TYPE
Make - FORD					
F31	F-Series	F350	4x4	Pickup-Regular Cab	Truck or IV
X31	F-Series	F350	4x4	Pickup-SuperCab	Truck or IV
W31	F-Series	F350	4x4	Pickup-Crew Cab	Truck or IV
F32	F-Series	F350 DRW <sup>(1)</sup>	4x2	Pickup-Regular Cab	Truck or IV
X32	F-Series	F350 DRW	4x2	Pickup-SuperCab	Truck or IV
W32	F-Series	F350 DRW	4x2	Pickup-Crew Cab	Truck or IV
F33	F-Series	F350 DRW	4x4	Pickup-Regular Cab	Truck or IV
X33	F-Series	F350 DRW	4x4	Pickup-SuperCab	Truck or IV
W33	F-Series	F350 DRW	4x4	Pickup-Crew Cab	Truck or IV
F34	F-Series	F350	4x2	Chassis Cab-Regular Cab	IV
X34	F-Series	F350	4x2	Chassis Cab-SuperCab	IV
W34	F-Series	F350	4x2	Chassis Cab-Crew Cab	IV
F35	F-Series	F350	4x4	Chassis Cab-Regular Cab	IV
X35	F-Series	F350	4x4	Chassis Cab-SuperCab	IV
W35	F-Series	F350	4x4	Chassis Cab-Crew Cab	IV
F36	F-Series	F350 DRW	4x2	Chassis Cab-Regular Cab	IV
X36	F-Series	F350 DRW	4x2	Chassis Cab-SuperCab	IV
W36	F-Series	F350 DRW	4x2	Chassis Cab-Crew Cab	IV
F37	F-Series	F350 DRW	4x4	Chassis Cab-Regular Cab	IV
X37	F-Series	F350 DRW	4x4	Chassis Cab-SuperCab	IV
W37	F-Series	F350 DRW	4x4	Chassis Cab-Crew Cab	IV

(1) "DRW" means Dual Rear Wheels.

**NOTE:** Special Order (VSO) units will be coded with the appropriate series VIN codes listed above.

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose Passenger Vehicles (MPVs), Buses, and Incomplete Vehicles (IVs) : (Positions 5, 6, 7)

VIN CODE	VEHICLE LINE	SERIES	CHASSIS TYPE	CAB or BODY TYPE	VEHICLE TYPE
Make - FORD					
A50	Windstar	Base	4x2	3-Door Wagon <sup>(3)</sup>	MPV
A51	Windstar	LX	4x2	4-Door Wagon	MPV
A52	Windstar	SE	4x2	4-Door Wagon	MPV
A53	Windstar	SEL	4x2	4-Door Wagon	MPV
A54	Windstar		4x2	3-Door Cargo Van <sup>(3)</sup>	Truck
A55 <sup>(2)</sup>	Windstar	LX	4x2	3-Door Wagon <sup>(3)</sup>	MPV
A56	Windstar	SEL	4x2	4-Door Wagon	MPV
A57	Windstar	SE Sport	4x2	4-Door Wagon	MPV
A58	Windstar	Limited	4x2	4-Door Wagon	IV
C35	E-Series	E-350	4x2	Chassis Cab	IV
C45	E-Series	E-450	4x2	Chassis Cab	IV
C55	E-Series	E-550	4x2	Chassis Cab	IV
E11	E-150	XL	4x2	Regular Wagon	MPV
E14	E-Series	E-150	4x2	Cargo Van	Truck or IV
E24	E-Series	E-250	4x2	Cargo Van	Truck or IV
E29	E-Series	E-250	4x2	Stripped Chassis	IV
E31	E-350	XLT	4x2	H.D. Wagon	MPV, IV or Bus <sup>(1)</sup>
E34	E-Series	E-350	4x2	Cargo Van	Truck or IV
E35	E-Series	E-350	4x2	Cutaway	IV
E39	E-Series	E-350	4x2	Stripped Chassis	IV
S31	E-350	XLT	4x2	H.D. Extended Wagon	MPV, IV or Bus <sup>(1)</sup>
S24	E-Series	E-250	4x2	Extended Cargo Van	Truck or IV
S34	E-Series	E-350	4x2	Extended Cargo Van	Truck or IV

(1) Excludes school bus.

(2) Canada only.

(3) 4th door optional.

(4) "DRW" means Dual Rear Wheels.

VIN CODE	VEHICLE LINE	SERIES	CHASSIS TYPE	CAB or BODY TYPE	VEHICLE TYPE
Make - FORD					
E45	E-Series	E-450	4x2	Cutaway	IV
E49	E-Series	E-450	4x2	Stripped Chassis	IV
E55	E-Series	E-550	4x2	Cutaway	IV
F07	F-Series	F-150	4x2	Pickup-Regular Cab Flareside	Truck
W07	F-Series	F-150	4x2	Pickup-SuperCrew	Truck
X07	F-Series	F-150	4x2	Pickup-SuperCab Flareside	Truck
F08	F-Series	F-150	4x4	Pickup-Regular Cab Flareside	Truck
W08	F-Series	F-150	4x4	Pickup-SuperCrew	Truck
X08	F-Series	F-150	4x4	Pickup-SuperCab Flareside	Truck
F17	F-Series	F-150	4x2	Pickup-Regular Cab Styleside	Truck
X17	F-Series	F-150	4x2	Pickup-SuperCab Styleside	Truck
F18	F-Series	F-150	4x4	Pickup-Regular Cab Styleside	Truck
X18	F-Series	F-150	4x4	Pickup-SuperCab Styleside	Truck
F20	F-Series	F-250	4x2	Pickup-Regular Cab	Truck or IV
X20	F-Series	F-250	4x2	Pickup-SuperCab	Truck or IV
W20	F-Series	F-250	4x2	Pickup-Crew Cab	Truck or IV
F21	F-Series	F-250	4x4	Pickup-Regular Cab	Truck or IV
X21	F-Series	F-250	4x4	Pickup-SuperCab	Truck or IV
W21	F-Series	F-250	4x4	Pickup-Crew Cab	Truck or IV
F30	F-Series	F-350	4x2	Pickup-Regular Cab	Truck or IV
X30	F-Series	F-350	4x2	Pickup-SuperCab	Truck or IV
W30	F-Series	F-350	4x2	Pickup-Crew Cab	Truck or IV
F31	F-Series	F-350	4x4	Pickup-Regular Cab	Truck or IV
X31	F-Series	F-350	4x4	Pickup-SuperCab	Truck or IV
W31	F-Series	F-350	4x4	Pickup-Crew Cab	Truck or IV
F32	F-Series	F-350 DRW <sup>(4)</sup>	4x2	Pickup-Regular Cab	Truck or IV
X32	F-Series	F-350 DRW	4x2	Pickup-SuperCab	Truck or IV
W32	F-Series	F-350 DRW	4x2	Pickup-Crew Cab	Truck or IV
F33	F-Series	F-350 DRW	4x4	Pickup-Regular Cab	Truck or IV
X33	F-Series	F-350 DRW	4x4	Pickup-SuperCab	Truck or IV
W33	F-Series	F-350 DRW	4x4	Pickup-Crew Cab	Truck or IV
F34	F-Series	F-350	4x2	Chassis Cab-Regular Cab	IV
X34	F-Series	F-350	4x2	Chassis Cab-SuperCab	IV
W34	F-Series	F-350	4x2	Chassis Cab-Crew Cab	IV

# 2003 VIN ELEMENT CODING INFORMATION

Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose Passenger Vehicles (MPVs), Buses, and Incomplete Vehicles (IVs) : (Positions 5, 6, 7)

VIN CODE	VEHICLE LINE	SERIES	CHASSIS TYPE	CAB or BODY TYPE	VEHICLE TYPE
Make - FORD					
F35	F-Series	F-350	4x4	Chassis Cab-Regular Cab	IV
X35	F-Series	F-350	4x4	Chassis Cab-SuperCab	IV
W35	F-Series	F-350	4x4	Chassis Cab-Crew Cab	IV
F36	F-Series	F-350 DRW <sup>(4)</sup>	4x2	Chassis Cab-Regular Cab	IV
X36	F-Series	F-350 DRW	4x2	Chassis Cab-SuperCab	IV
W36	F-Series	F-350 DRW	4x2	Chassis Cab-Crew Cab	IV
F37	F-Series	F-350 DRW	4x4	Chassis Cab-Regular Cab	IV
X37	F-Series	F-350 DRW	4x4	Chassis Cab-SuperCab	IV
W37	F-Series	F-350 DRW	4x4	Chassis Cab-Crew Cab	IV
W42	F-Series	F-450 DRW	4x2	Pickup-Crew Cab	Truck or IV
W43	F-Series	F-450 DRW	4x4	Pickup-Crew Cab	Truck or IV
F46	F-Series	F-450 DRW	4x2	Chassis Cab-Regular Cab	IV
X46	F-Series	F-450 DRW	4x2	Chassis Cab-SuperCab	IV
W46	F-Series	F-450 DRW	4x2	Chassis Cab-Crew Cab	IV
F47	F-Series	F-450 DRW	4x4	Chassis Cab-Regular Cab	IV
X47	F-Series	F-450 DRW	4x4	Chassis Cab-SuperCab	IV
W47	F-Series	F-450 DRW	4x4	Chassis Cab-Crew Cab	IV
F53	F-Series	F-550 DRW	4x2	Class A Motor Home Chassis	IV
F56	F-Series	F-550 DRW	4x2	Chassis Cab-Regular Cab	IV
X56	F-Series	F-550 DRW	4x2	Chassis Cab-SuperCab	IV
W56	F-Series	F-550 DRW	4x2	Chassis Cab-Crew Cab	IV
F57	F-Series	F-550 DRW	4x4	Chassis Cab-Regular Cab	IV
X57	F-Series	F-550 DRW	4x4	Chassis Cab-SuperCab	IV
W57	F-Series	F-550 DRW	4x4	Chassis Cab-Crew Cab	IV
F65	F-Series	F-650 DRW	4x2	Chassis Cab-Regular Cab	IV
X65	F-Series	F-650 DRW	4x2	Chassis Cab-SuperCab	IV
W65	F-Series	F-650 DRW	4x2	Chassis Cab-Crew Cab	IV
F75	F-Series	F-750 DRW	4x2	Chassis Cab-Regular Cab	IV
X75	F-Series	F-750 DRW	4x2	Chassis Cab-SuperCab	IV
W75	F-Series	F-750 DRW	4x2	Chassis Cab-Crew Cab	IV

(4) "DRW" means Dual Rear Wheels.

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

## Page 19 INTRODUCTION

NOTE: Engine types are divided into four distinct groups: Passenger Car, Light Truck/MPV, Light/Medium Truck and Electric Vehicle. Each group is coded independently of the other three groups and the truck codes are listed here in separate tables.

Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer and Horsepower (H.P.) Ratings (Position 8)

VIN CODE	DISPLACEMENT/ LITER	CYLINDERS	FUEL	MANUFACTURER	NET BRAKE H.P.
Light Truck/MPV					
B	2.0 SEFI-DOHC	I-4	Gasoline	Ford	127
D	2.3 EFI-DOHC	I-4	Gasoline	Ford	135
U	3.0 EFI	V-6	Gasoline	Ford	154
V	3.0 EFI-FFV	V-6	Gasoline/E85	Ford	154
1	3.0 SEFI-DOHC	V-6	Gasoline	Ford	201
4	3.8 EFI-SPI	V-6	Gasoline	Ford	200
E	4.0 EFI-SOHC	V-6	Gasoline	Ford	207-210
K	4.0 SOHC EFI-FFV	V-6	Gasoline/E85	Ford	207-210
2	4.2 EFI-SPI	V-6	Gasoline	Ford	191-202
G	4.6 EFI-SOHC (R)	V-8	Gasoline	Ford	225-239
W	4.6 EFI-SOHC (R)	V-8	Gasoline	Ford	225-239
L	5.4 EFI-SOHC (W)	V-8	Gasoline	Ford	235-260
3	5.4 EFI-SOHC SC	V-8	Gasoline	Ford	380
M	5.4 EFI-SOHC (W)	V-8	Natural Gas (CNG)	Ford	255
A	5.4 DOHC (W)	V-8	Gasoline	Ford	300
R	5.4 DOHC (R)	V-8	Gasoline	Ford	300
Z	5.4 EFI-SOHC (W)	V-8	Gasoline-GFP	Ford	255-260
S	6.8 EFI-SOHC (W)	V-10	Gasoline	Ford	265-275
P	6.0	V-8	Diesel	Navistar	325
F	7.3 D-Turbo-DI	V-8	Diesel	Navistar	215-275

“EFI” : Electronic Fuel Injection  
“DOHC” : Double Overhead Camshaft  
“FFV” : Flexible Fuel Vehicle  
“Turbo” : Turbocharged  
“DI” : Indirect Injection  
“(W)” : Windsor Engine Plant  
“(D)” : Diesel

“SOHC” : Single Overhead Camshaft  
“SPI” : Split Port Induction  
“SHO” : Super High Output  
“E85” : Ethanol Flexible Fuel  
“DI” : Direct Injection  
“(R)” : Romeo Engine Plant  
“SC” : Supercharged

“GFP” means Gaseous Fuel Prep. Gaseous fuel includes Natural Gas and Liquified Petroleum Gas “LPG” (Propane). Leaves Ford Assy. Plant as a gasoline engine but suitable for aftermarket conversion.

Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer and Horsepower (H.P.) Ratings (Position 8)

VIN CODE	DISPLACEMENT/ LITER	CYLINDERS	FUEL	MANUFACTURER	NET BRAKE H.P.
Light/Medium/Heavy Truck (with GVW Ratings over 11,000 pounds)					
L	5.4 EFI-SOHC (W)	V-8	Gasoline	Ford	255-260
S	6.8 EFI-SOHC (W)	V-10	Gasoline	Ford	305-310
Z'	6.8 EFI-SOHC (W)	V-10	Gasoline-GFP	Ford	305-310
P	6.0	V-8	Diesel	Navistar	325
F	7.3 D-TURBO -DI	V-8	Diesel	Navistar	215-275
1	5.9	I-6	Diesel	Cummins, Model ISB	175 HP/420 lb -ft
4	5.9	I-6	Diesel	Cummins, Model ISB	195 HP/520 lb-ft
8	5.9	I-6	Diesel	Cummins B5.9E	210 HP/520 lb-ft
Y	5.9	I-6	Diesel	Cummins B5.9E	215 HP/520 lb-ft
B	5.9	I-6	Diesel	Cummins B5.9E	225 HP/605 lb-ft
G	5.9	I-6	Diesel	Cummins B5.9E	240 HP/605 lb-ft
J	5.9	I-6	Diesel	Cummins B5.9E	245 HP/660 lb-ft
V	5.9	I-6	Diesel	Cummins B5.9E	260 HP/550 lb-ft
X	5.9	I-6	Diesel	Cummins B5.9E	260 HP/660 lb-ft
A	7.2	I-6	Diesel	Caterpillar 3126B	190 HP/520 lb-ft
H	7.2	I-6	Diesel	Caterpillar 3126B	210 HP/605 lb-ft
2	7.2	I-6	Diesel	Caterpillar 3126B	210 HP/520 lb-ft
N	7.2	I-6	Diesel	Caterpillar 3126B	230 HP/660 lb-ft
R	7.2	I-6	Diesel	Caterpillar 3126B	250 HP/660 lb-ft
7 <sup>2</sup>	7.2	I-6	Diesel	Caterpillar 3126B	300 HP/860 lb-ft
5	7.3	V-8	Diesel	Navistar	210 HP/485 lb-ft
6	7.3	V-8	Diesel	Navistar	210 HP/520 lb-ft

<sup>1</sup> Engine only available on 11,000 lbs and greater

<sup>2</sup> Available with F650 Super CrewZer Model only

DELETE ENGINE (applicable to all groups)

0 (Zero) DSO Glider - Delete Engine on motor vehicle equipment only.

VIN CODE	POWER	NOMINAL VOLTAGE	FUEL	MANUFACTURER	BATTERY PACK	GROSS H.P. RANGE
Electric Vehicles						
7	71kw	312 volts	Electric	Siemens	Lead/Acid	90
1	76kw	300 volts	Electric	Siemens	NiMH	90

### VIN Check Digit (Position 9)

The check digit must have a value of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or X.

# 2003 VIN ELEMENT CODING INFORMATION

**2003**  
MODEL YEAR

Vehicle Model Year (Position 10)

VIN CODE	YEAR	VIN CODE	YEAR	VIN CODE	YEAR
B	1981	N	1992	3	2003
C	1982	P	1993	4	2004
D	1983	R	1994	5	2005
E	1984	S	1995	6	2006
F	1985	T	1996	7	2007
G	1986	V	1997	8	2008
H	1987	W	1998	9	2009
J	1988	X	1999	A	2010
K	1989	Y	2000	B	2011
L	1990	1	2001	C	2012
M	1991	2	2002	D	2013

Plant of Manufacture (Position 11)

The plant of manufacture VIN code is designated as follows:

VIN CODE	Vehicle Assembly Plant Name: location	Light Trucks/MPVs	Medium Trucks
B	Oakville: Oakville, Ont.	X	
C	Ontario Truck: Oakville, Ont.	X	
D	Ohio: Avon Lake, OH	X	
E	Kentucky Truck: Jefferson County, KY	X	
H	Lorain: Lorain, OH	X	
K	Kansas City: Claycomo, MO	X	
L	Michigan Truck: Wayne, MI	X	
M	Cuautitian: Cuautitlan, Mexico		X
N	Norfolk: Norfolk, VA	X	
P	Twin Cities: St. Paul, MN	X	
T	Edison: Edison, NJ	X	
U	Louisville: Louisville, KY	X	
Z	St. Louis: Hazelwood, MO	X	

Sequential Vehicle Identifiers

(VIN Positions 12 through 17)

Trucks, MPVs, buses and incomplete vehicles:

A six-digit alphanumeric sequence code (first digit alpha, last five digits numeric) is assigned for trucks, MPVs, and incomplete vehicles. For Nissan-badged vehicles, a six-digit numerical sequence has been assigned.