

*Ford Motor Company*

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Automotive Safety Office  
Environmental and Safety Engineering

**ORIGINAL**

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Administrator  
National Highway Traffic  
Safety Administration  
400 Seventh Street, S.W.  
Washington, DC 20590

Attention: VIN Coordinator

Subject: 2002 Model Year Vehicle Identification Number Codes

Pursuant to the requirements set forth in Part 565 of Title 49 of the Code of Federal Regulations, Vehicle Identification Number (VIN), Ford Motor Company is submitting 2002 model year VIN code information covering early introduction 2002 model year vehicles (Ford Thunderbird, Ford Explorer, Mercury Mountaineer and Lincoln Blackwood Crew Cab Pickup) to be manufactured and sold by Ford.

The format of the VIN coding consists of alphanumeric characters grouped according to the requirements of Part 565. Page 1 of the attachment lists Ford Motor Company World Manufacturer Identifier (WMI) three-digit codes. The Society of Automotive Engineers has previously concurred in the assignments of all the WMI codes listed on page 1 of the attachment.

Page 2 of the attachment lists the codes for Ford VIN position no. 4: restraint system type codes for passenger cars. Page 3 of the attachment lists the codes for Ford VIN position no. 4: brake and GVWR class codes for trucks and MPV's with alternative "combination" codes for truck and MPV's equipped with second generation airbags and/or side airbags; and brake system codes for buses and incomplete vehicles.

Page 4 of the attachment lists Ford VIN code no. 5 designation identifiers ("P", "M", and "T") for all Ford passenger cars. Page 5 of the attachment sets forth VIN codes for passenger cars: line, series, and body type (Ford VIN position nos. 6 and 7). Page 6 of the attachment list VIN codes that describe the line, series, chassis, and body type for trucks and MPV's (Ford VIN position nos. 5, 6, and 7).

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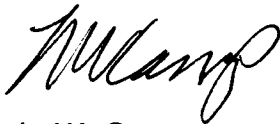
Pages 8 and 9 of the attachment lists VIN codes for engines (Ford VIN position no. 8) that describe the engine displacement, number of cylinders, fuel type, engine manufacturer name, and horsepower ratings.

Page 10 of the attachment reiterates VIN information relating to the "check digit" (Ford VIN position no. 9) and vehicle model year (Ford VIN position no. 10) as set forth in Part 565.

Page 11 of the attachment lists VIN codes for the Ford vehicle manufacturing plants (Ford VIN position no. 11). Ford VIN position numbers 12 through 17 are utilized for vehicle alphanumeric identifiers, which are sequentially assigned by Ford vehicle assembly plants.

If there are any questions regarding this matter, please call me.

Sincerely,



L. W. Camp

Attachment

0002

# 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

## I. World Manufacturer Identification (VIN Positions 1, 2, and 3)

VIN CODE	Vehicle Manufacturer	Make	Type
1FA	Ford Motor Company, USA	Ford	Passenger Car
1FB	Ford Motor Company, USA	Ford	Bus
1FC	Ford Motor Company, USA	Ford	Basic (Stripped) Chassis
1FD	Ford Motor Company, USA	Ford	Incomplete Vehicle
1FF	Ford Motor Company, USA	Ford	Motor Vehicle Equipment w/o Engine/Powertrain (Glider)
1FM	Ford Motor Company, USA	Ford	MPV
1FT	Ford Motor Company, USA	Ford	Truck (Completed Vehicle)
1L1	Ford Motor Company, USA	Lincoln	Passenger Car - Limousine
1LJ	Ford Motor Company, USA	Lincoln	Incomplete Vehicle
1LN	Ford Motor Company, USA	Lincoln	Passenger Car
1ME	Ford Motor Company, USA	Mercury	Passenger Car
1MH	Ford Motor Company, USA	Mercury	Incomplete Vehicle
1ZW	Auto Alliance International, Inc.	Mercury	Passenger Car
2FA	Ford Motor Company of Canada, Ltd.	Ford	Passenger Car
2FB	Ford Motor Company of Canada, Ltd.	Ford	Bus
2FC	Ford Motor Company of Canada, Ltd.	Ford	Basic (Stripped) Chassis
2FD	Ford Motor Company of Canada, Ltd.	Ford	Incomplete Vehicle
2FF	Ford Motor Company of Canada, Ltd.	Ford	Motor Vehicle Equipment w/o Engine/Powertrain (Glider)
2FM	Ford Motor Company of Canada, Ltd.	Ford	MPV
2FT	Ford Motor Company of Canada, Ltd.	Ford	Truck (Completed Vehicle)
2ME	Ford Motor Company of Canada, Ltd.	Mercury	Passenger Car
2MH	Ford Motor Company of Canada, Ltd.	Mercury	Incomplete Vehicle
3FA	Ford Motor Company ((Mexico))	Ford	Passenger Car
3FB	Ford Motor Company ((Mexico))	Ford	Bus
3FC	Ford Motor Company ((Mexico))	Ford	Basic (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)
3ME	Ford Motor Company ((Mexico))	Mercury	Passenger Car
4F2	Ford Motor Company, USA	Mazda	MPV
4F3	Ford Motor Company, USA	Mazda	Incomplete Vehicle
4F4	Ford Motor Company, USA	Mazda	Truck (Completed Vehicle)
4M2	Ford Motor Company, USA	Mercury	MPV
4M3	Ford Motor Company, USA	Mercury	Incomplete Vehicle
4M4	Ford Motor Company, USA	Mercury	Truck (Completed Vehicle)
4N2	Ford Motor Company, USA	Nissan	MPV
4N3	Ford Motor Company, USA	Nissan	Incomplete Vehicle
4N4	Ford Motor Company, USA	Nissan	Truck (Completed Vehicle)
5LD	Ford Motor Company, USA	Lincoln	Incomplete Vehicle
5LM	Ford Motor Company, USA	Lincoln	MPV
5LT	Ford Motor Company, USA	Lincoln	Truck (Completed Vehicle)

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## Ila. 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

### Restraint System Type for Passenger Cars Only (VIN Position 4)

Code	Passenger Car Identifiers
F	Active Belts (all designated seating positions) plus Second Generation Driver and Passenger air Bags - Applies to all Passenger Cars
K	Active Belts (all designated seating positions) plus Second Generation Driver and Passenger air Bags - Valid for early build Escort ZX2 Coupe (same as code F)
H	Active belts (all designated seating positions) plus Second Generation Driver and Passenger Air Bags plus Driver and Passenger Side Air Bags

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# 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

## IIb. Brake System and GVWR Class for Trucks and MPV's

(VIN Position 4)

**Brake System (only) for Buses and Incomplete Vehicles—GVWR class as shown are not applicable**

Brake System	GVWR Class	GVWR Range	VIN CODE			
			Truck's w/o Air Bags	Lt. Trucks & MPV's w/ Second Gen. Air Bags	Lt. Truck's & MPV's w/ Sec. Gen. Air Bags & Side Air Bags	RHD U.S. Postal Service Explorer w/o air bags
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			

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### III. 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

#### Ford Passenger Car Identifiers

(VIN Position 5)

VIN CODE	Designation
P	"Ford" Make
M	"Lincoln" or "Mercury" Make
T	All passenger cars imported from outside North America or non-Ford built passenger cars marketed by Ford

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# IV. 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

Line, Series, Body Type for Passenger Cars

(VIN) Positions 6 and 7)

VIN CODE	Car Line	Series	Body Type
<b>MAKE-FORD</b>			
60	Thunderbird	Base	2-Dr. Convertible
64	Thunderbird	Neiman Marcus	2-Dr. Convertible

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## 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

### V. Line, Series, Chassis, and Body Type for Trucks and MPV's (VIN Positions 5, 6, and 7)

Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with  
GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
<b>MAKE-FORD</b>					
U62	Explorer	XLS	4X2	4-Door	MPV
U72	Explorer	XLS	4X4	4-Door	MPV
U63	Explorer	XLT	4X2	4-Door	MPV
U73	Explorer	XLT	4X4	4-Door	MPV
U64	Explorer	Eddie Bauer	4X2	4-Door	MPV
U74	Explorer	Eddie Bauer	4X4	4-Door	MPV
U65	Explorer	LTD	4X2	4-Door	MPV
U75	Explorer	LTD	4X4	4-Door	MPV

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**V.(cont'd) 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN)  
ELEMENT CODING INFORMATION**

**Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:**

(VIN Positions 5,6,7)

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
<b><u>MAKE-MERCURY</u></b>					
U66	Mountaineer <sup>1</sup>		4X2	4-Door	MPV
U86	Mountaineer <sup>1</sup>		AWD	4-Door	MPV
<b><u>MAKE-LINCOLN</u></b>					
W05	Blackwood		4X2	Pickup-Crew Cab	Truck

<sup>1</sup> Available in U.S. only

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## VII. 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

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

(VIN Position 8)

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

**Table 1: PASSENGER CAR**

VIN CODE	Displacement/ Litre	Cylinders	Fuel	Manufacturer	Net Brake H.P.
A	3.9 EFI-DOHC	V-8	Gasoline	Ford	TBD

"EFI" :Electronic Fuel Injection.

"DOHC": Double Overhead Camshaft.

"FFV": Flexible Fuel Vehicle

"M85": Methanol Flexible Fuel

"Turbo": Turbocharged

"IDI": Indirect Injection

"(W)": Windsor Engine Plant

"SOHC": Single Overhead Camshaft.

"SPI" : Split Port Induction.

"SHO": Super High Output

"E85": Ethanol Flexible Fuel

"DI": Direct Injection.

"(R)": Romeo Engine Plant

"CNG": Compressed Natural Gas

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**VII.(cont'd) 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN)  
ELEMENT CODING INFORMATION**

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

**(VIN Position 8)**

**Table 2: LIGHT TRUCK/MPV**

VIN CODE	Displacement/ Litre	Cylinders	Fuel	Manufacturer	Net Brake H.P.
E	4.0 EFI-SOHC	V-6	Gasoline	Ford	205
K	4.0-SOHC EFI FFV	V-6	Gasoline/FFV	Ford	TBD
W	4.6 EFI-SOHC (R)	V-8	Gasoline	Ford	190-210
A	5.4 DOHC (W)	V-8	Gasoline	Ford	295-300

"EFI" :Electronic Fuel Injection.

"DOHC": Double Overhead Camshaft.

"FFV": Flexible Fuel Vehicle

"M85": Methanol Flexible Fuel

"Turbo": Turbocharged

"IDI": Indirect Injection

"(W)": Windsor Engine Plant

"CNG": Compressed Natural Gas

"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

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# 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

## VIII. VIN Check Digit

(VIN Position 9)

See Paragraph 565.5(c) of Part 565.

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

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## IX. Vehicle Model Year

(VIN Position 10)

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

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# 2002 MODEL YEAR VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

## X. Vehicle Assembly Plant

(VIN position 11)

The plant of manufacture VIN code is designated as follows:

VIN CODE	Vehicle Assembly Plant Name: Location	Passenger Cars	Light Trucks/MPV's	Medium/Heavy Trucks
A	Atlanta: Hapeville, Georgia	X		
B	Oakville: Oakville, Ontario		X	
C	Ontario Truck: Oakville, Ontario		X	
D	Ohio: Avon Lake, Ohio		X	
E	Kentucky Truck: Jefferson County, Kentucky		X	
F	Dearborn: Dearborn, Michigan	X		
G	Chicago: Chicago, Illinois	X		
H	Lorain: Lorain, Ohio		X	
J	IMMSA: Monterrey, Mexico			X
K	Kansas City: Claycomo, Missouri		X	
L	Michigan Truck: Wayne, Michigan		X	
M	Cuautitlan: Cuautitlan, Mexico	X	X	X
N	Norfolk: Norfolk, Virginia		X	
P	Twin Cities: St. Paul, Minnesota		X	
R	Hermosillo: Hermosillo, Mexico	X		
T	Edison: Edison, New Jersey		X	
U	Louisville: Louisville, Kentucky (Lt Truck)		X	
W	Wayne: Wayne, Michigan	X		
X	St. Thomas: Talbotville, Ontario	X		
Y	Wixom: Wixom, Michigan	X		
Z	St. Louis: Hazelwood, Missouri		X	
0	Detroit Empowerment Zone: Detroit, Michigan			X
5	AAI: Flat Rock, Michigan	X		

## XI. Sequential Vehicle Identifiers

(VIN Positions 12 through 17)

**Passenger:**

Unique six digit numeric sequence codes are assigned to each passenger car by the vehicle assembly plant of manufacture. Sequence codes for "Ford" make passenger cars may range from 100,001 through 599,999; sequence numbers for "Lincoln" and "Mercury" make passenger cars may range from 600,001 through 999,999.

**Trucks, MPV's, buses and incomplete vehicles:**

A six digit alphanumeric sequence code (first digit alpha, last five digits numeric) is assigned for trucks, MPV's, and incomplete vehicles.

- A00001 thru F99999 - Ford Division Vehicles
- J00001 thru L99999 - Lincoln/Mercury Division Vehicles
- M00001 thru N99999 - Mazda Vehicles

For Nissan-badged vehicles, a six-digit numerical sequence has been assigned.

- 800001 thru 999999 - Nissan Vehicles

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