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Director
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Ford Motor Company
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June 22, 1990

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

Attention: VIN Coordinator

Re: 1991 Model Year Vehicle Identification Number
Codes - Amendments:
Revision No. 2

- References:
1. My January 22, 1990 Letter on "1991 Model Year Vehicle Identification Number Codes"
 2. My April 20, 1990 Letter on "1991 Model Year Vehicle Identification Number Codes - Amendments: Revision No. 1"

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 1991 model year VIN code information covering all 1991 model passenger cars and trucks to be manufactured or sold by Ford.

The attached coding information - pages 1 through 12 - includes coding for early introduction vehicles reported to the Administrator in the referenced January 22, 1990 and April 20, 1990 submittals.

The format of the VIN coding consists of alpha-numeric characters grouped according to the requirements of Part 565 and Section 571.115 of Title 49. Page one 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 of the WMI codes listed on page one of the Attachment.

Page two of the Attachment lists the codes for Ford VIN position no. 4: restraint system type codes for passenger cars;

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brake system and GVWR class codes for trucks and MPV's, and brake system codes for buses and incomplete vehicles. Page two also indicates VIN position no. 5 designation identifiers ("P", "M" and "T") for all Ford passenger cars.

Pages three, four and five of the Attachment set forth VIN codes for passenger cars: line, series, and body type (Ford VIN position nos. 6 and 7). Also provided on pages three, four and five is additional vehicle information that describes, by line, series, and body type, available interior/exterior optional regular production (RPO) trim packages which include the listed vehicle exterior nameplate identifications. Passenger car "body codes", which are unique within each car line for a given body type, e.g., a two-door sedan, are also listed for your information.

Pages six, seven, eight and nine of the Attachment list VIN codes that describe line, series, chassis, cab type, or body type for trucks, MPV's, buses, and incomplete vehicles (Ford VIN position nos. 5, 6 and 7). Also provided on these pages is additional vehicle information that describes, by line, series, and cab or body type, available interior/exterior RPO trim packages which include the listed vehicle exterior nameplate identification. Because of the almost unlimited number of different special order vehicles potentially available to truck, MPV, bus or incomplete vehicle purchasers, and due to a lack of specific information about such special order vehicles until such orders are approved by Ford, special order and basic (stripped) chassis vehicles will be coded with the appropriate VIN position 5, 6 and 7 series codes listed on pages six, seven and nine. It should be noted that page eight contains the specific VIN code information unique to the Ford-built Mazda-badged Navajo vehicle.

Page ten of the Attachment lists VIN codes for engines (Ford VIN position no. 8) by engine displacement, number of cylinders, fuel type, engine manufacturer name, and also makes reference to net brake horsepower ratings and gross horsepower ranges. The engines are segmented into three groupings which are independently coded as follows:

- . "Passenger Car" - for those engines installed on passenger car vehicles;
- . "Light Truck/MPV" - for those engines installed on trucks and buses with Gross Vehicle Weight Rating (GVWR's) of 11,000 pounds or less, and multipurpose passenger vehicles; and
- . "Light/Medium/Heavy Truck" - for those engines installed on trucks and buses with GVWR's in excess of 11,000 pounds.

Each of the above three engine groupings, of course, also applies to incomplete vehicles. We have been informed by the Ford Vehicle Engineering Offices that, regarding listed "Light Truck/MPV" engines (351 CID and 460 CID), net brake horsepower data not

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shown at this time will be available after commencement of 1991 model production and will be provided to the Administration as soon as these data become available. Gross horsepower data are provided for each "Light/Medium/Heavy Truck" engine along with diesel engine model numbers. A "0" (zero) engine code is shown on page ten of the Attachment to denote a unit (glider) built without an engine.

Page eleven 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 and Section 571.115.

Page twelve 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 alpha-numeric identifiers which are sequentially assigned by Ford vehicle assembly plants.

If there are any questions regarding this matter, please advise.

Very truly yours,



R. H. Munson

Attachment

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATIONI. - World Manufacturer Identifiers (WMI) -
(VIN Positions 1, 2, and 3)

<u>VIN CODE</u>	<u>Vehicle Manufacturer</u>	<u>Make</u>	<u>Type</u>
1 F A	Ford Motor Company, USA	Ford	Passenger Car
1 F M	Ford Motor Company, USA	Ford	MPV
1 F T	Ford Motor Company, USA	Ford	Truck (Complete Vehicle)
1 F D	Ford Motor Company, USA	Ford	Incomplete Vehicle
1 F C	Ford Motor Company, USA	Ford	Basic (Stripped) Chassis
1 F B	Ford Motor Company, USA	Ford	Bus
1 F F	Ford Motor Company, USA	Ford	Motor Vehicle Equipment Without Engine/Powertrain (Glider)
1 M E	Ford Motor Company, USA	Mercury	Passenger Car
1 M H	Ford Motor Company, USA	Mercury	Incomplete Vehicle
1 L N	Ford Motor Company, USA	Lincoln	Passenger Car
1 L J	Ford Motor Company, USA	Lincoln	Incomplete Vehicle
1 Z V	Mazda Motor Manufacturing (USA) Corp.	Ford	Passenger Car
2 F A	Ford Motor Company of Canada, Ltd.	Ford	Passenger Car
2 F M	Ford Motor Company of Canada, Ltd.	Ford	MPV
2 F T	Ford Motor Company of Canada, Ltd.	Ford	Truck (Complete Vehicle)
2 F D	Ford Motor Company of Canada, Ltd.	Ford	Incomplete Vehicle
2 F C	Ford Motor Company of Canada, Ltd.	Ford	Basic (Stripped) Chassis
2 F B	Ford Motor Company of Canada, Ltd.	Ford	Bus
2 F F	Ford Motor Company of Canada, Ltd.	Ford	Motor Vehicle Equipment Without Engine/Powertrain (Glider)
2 M E	Ford Motor Company of Canada, Ltd.	Mercury	Passenger Car
2 M H	Ford Motor Company of Canada, Ltd.	Mercury	Incomplete Vehicle
3 F A	Ford Motor Company S. A. de C. V. (Mexico)	Ford	Passenger Car
3 F C	Ford Motor Company S. A. de C. V. (Mexico)	Ford	Basic (Stripped) Chassis
3 M A	Ford Motor Company S. A. de C. V. (Mexico)	Mercury	Passenger Car
4 F 2	Ford Motor Company, USA	Mazda	Truck (Complete Vehicle)
4 F 3	Ford Motor Company, USA	Mazda	Incomplete Vehicle
4 F 4	Ford Motor Company, USA	Mazda	MPV
6 M P	Ford Motor Company of Australia, Ltd.	Mercury	Passenger Car (Imported Capri)
K N J	Kia Motors Inc., Korea	Ford	Passenger Car (Imported Festiva)

June 22, 1990

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

IIa. - Restraint System Type for Passenger Cars Only -
 (VIN Position 4)

VIN Code	Passenger Car Identifiers
B	Active Belts (all designated seating positions)
P	Passive Belts (front)/Active Belts (rear)
C	Active Belts (all designated seating positions) plus Driver Air Bag
L	Active Belts (all designated seating positions with 3-point belts in all outboard positions) plus Driver and Passenger Air Bags

IIb. - Brake System and GVWR Class for Trucks and MPV's -
 - Brake System (only)** for Buses and Incomplete Vehicles -
 (VIN Position 4)

BRAKE SYSTEM	GVWR CLASS	GVWR RANGE	VIN CODE
Hydraulic	Class A:	Not greater than 3,000 pounds	A
Hydraulic	Class B:	3,001-4,000 pounds	B
Hydraulic	Class C:	4,001-5,000 pounds	C
Hydraulic	Class D:	5,001-6,000 pounds	D
Hydraulic	Class E:	6,001-7,000 pounds	E
Hydraulic	Class F:	7,001-8,000 pounds	F
Hydraulic	Class G:	8,001-8,500 pounds	G
Hydraulic	Class G:	8,501-9,000 pounds	H
Hydraulic	Class H:	9,001-10,000 pounds	J
Hydraulic	Class 3:	10,001-14,000 pounds	K
Hydraulic	Class 4:	14,001-16,000 pounds	L
Hydraulic	Class 5:	16,001-19,500 pounds	M
Hydraulic	Class 6:	19,501-26,000 pounds	N
Hydraulic	Class 7:	26,001-33,000 pounds	P
Hydraulic	Class 8:	33,001-55,000 pounds	R
Hydraulic	Class 8:	55,001 pounds and over	S
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
Air	Class 8:	33,001-55,000 pounds	Y
Air	Class 8:	55,001 pounds and over	Z

**NOTE:

GVWR class as shown is not applicable to buses and incomplete vehicles.

III. 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 in North America

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

IV. - Line, Series, Body Type for Passenger Cars -
(VIN Positions 6 and 7)

VIN CODE	Car Line	Series	Add'l Optional Exterior Nameplates	Body Type	Body Code
<u>MAKE - FORD</u>					
05	Festiva	L		2-Dr. Sedan Hatchback	DA
06	Festiva	GL		2-Dr. Sedan Hatchback	DA
07	Festiva	LX <u>1/</u>		2-Dr. Sedan Hatchback	DA
10	Escort	Pony		2-Dr. Sedan Hatchback	DA
11	Escort	LX		2-Dr. Sedan Hatchback	DA
12	Escort	GT		2-Dr. Sedan Hatchback	DA
13	Escort	LX		4-Dr. Sedan Notchback	FA
14	Escort	LX		4-Dr. Sedan Hatchback	HC
15	Escort	LX		4-Dr. Station Wagon	FF
20	Probe	GL		2-Dr. Sedan Hatchback	DA
21	Probe	LX		2-Dr. Sedan Hatchback	DA
22	Probe	GT <u>1/</u>		2-Dr. Sedan Hatchback	DA
30	Tempo	L <u>1/</u>		2-Dr. Sedan	BA
31	Tempo	GL		2-Dr. Sedan	BA
33	Tempo	GLS <u>1/</u>		2-Dr. Sedan	BA
35	Tempo	L <u>1/</u>		4-Dr. Sedan	FC
36	Tempo	GL		4-Dr. Sedan	FC
37	Tempo	LX		4-Dr. Sedan	FC
38	Tempo	GLS		4-Dr. Sedan	FC
39	Tempo	Four Wheel Drive		4-Dr. Sedan	FC
40	Mustang	LX	5.0L	2-Dr. Sedan	BA
41	Mustang	LX	5.0L	2-Dr. Sedan Hatchback	DA
42	Mustang	GT		2-Dr. Sedan Hatchback	DA
44	Mustang	LX	5.0L	2-Dr. Sedan Convertible	BA
45	Mustang	GT		2-Dr. Sedan Convertible	BA
50	Taurus	L		4-Dr. Sedan	FC
52	Taurus	GL		4-Dr. Sedan	FC
53	Taurus	LX		4-Dr. Sedan	FC
54	Taurus	SHO		4-Dr. Sedan	FC
55	Taurus	L		4-Dr. Station Wagon	FF
57	Taurus	GL		4-Dr. Station Wagon	FF
58	Taurus	LX		4-Dr. Station Wagon	FF
60	Thunderbird	Standard		2-Dr. Sedan	BA
62	Thunderbird	LX		2-Dr. Sedan	BA
64	Thunderbird	Super Coupe		2-Dr. Sedan	BA
72	Ford	LTD Crown Victoria S		4-Dr. Sedan	FA
73	Ford	LTD Crown Victoria		4-Dr. Sedan	FA
74	Ford	LTD Crown Victoria LX		4-Dr. Sedan	FA
76	Ford	LTD Crown Victoria		4-Dr. Station Wagon	FF
77	Ford	LTD Crown Victoria LX		4-Dr. Station Wagon	FF
78	Ford	LTD Country Squire		4-Dr. Station Wagon	FF
79	Ford	LTD Country Squire LX		4-Dr. Station Wagon	FF

1/ Canada Only.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATIONIV. (Cont'd) - Line, Series, Body Type for Passenger Cars -
(VIN Positions 6 and 7)

VIN CODE	Car Line	Series	Additional Optional Exterior Nameplates	Body Type	Body Code
MAKE - MERCURY					
01	Capri	Base		2-Dr. Convertible	BH
03	Capri	XR2		2-Dr. Convertible	BH
10	Tracer	Base		4-Dr. Sedan Notchback	FA
14	Tracer	LTS		4-Dr. Sedan Notchback	FA
15	Tracer	Base		4-Dr. Station Wagon	FF
30	Topaz	L ^{1/}		2-Dr. Sedan	BA
31	Topaz	GS		2-Dr. Sedan	BA
33	Topaz	XR5		2-Dr. Sedan	BA
35	Topaz	L ^{1/}	Four Wheel Drive	4-Dr. Sedan	FC
36	Topaz	GS	Four Wheel Drive	4-Dr. Sedan	FC
37	Topaz	LS	Four Wheel Drive	4-Dr. Sedan	FC
38	Topaz	LTS	Four Wheel Drive	4-Dr. Sedan	FC
50	Sable	GS		4-Dr. Sedan	FC
53	Sable	LS		4-Dr. Sedan	FC
55	Sable	GS		4-Dr. Station Wagon	FF
58	Sable	LS		4-Dr. Station Wagon	FF
60	Cougar	LS		2-Dr. Sedan	BA
62	Cougar	XR7		2-Dr. Sedan	BA
74	Grand Marquis	GS		4-Dr. Sedan	FA
75	Grand Marquis	LS		4-Dr. Sedan	FA
78	Grand Marquis	Colony Park GS		4-Dr. Station Wagon	FF
79	Grand Marquis	Colony Park LS		4-Dr. Station Wagon	FF

1/ Canada only.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

IV. (Cont'd) - Line, Series, Body Type for Passenger Cars -
(VIN Positions 6 and 7)

<u>VIN CODE</u>	<u>Car Line</u>	<u>Series</u>	<u>Additional Optional Exterior Nameplates</u>	<u>Body Type</u>	<u>Body Code</u>
MAKE - LINCOLN					
81	Town Car	Base/Executive		4-Dr. Sedan	FC
82	Town Car	Signature		4-Dr. Sedan	FC
83	Town Car	Cartier		4-Dr. Sedan	FC
92	Mark VII	Blass		2-Dr. Coupe	BA
93	Mark VII	LSC		2-Dr. Coupe	BA
97	Continental	Executive		4-Dr. Sedan	FC
98	Continental	Signature		4-Dr. Sedan	FC

V. (Cont'd) 1991 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, and 7)

MAKE - FORD (Cont'd)

VIN CODE		Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
Standard Length	Extended Length					
A11	A31	Aerostar	XL	4x2	Wagon	MPV
A14	A34	Aerostar	(Base)	4x2	Cargo Van	Truck or IV
A15	A35	Aerostar	(Base)	4x2	Window Van	Truck or IV
A21	A41	Aerostar	XL	4x4	Wagon	MPV
A24	A44	Aerostar	(Base)	4x4	Cargo Van	Truck or IV
A25	A45	Aerostar	(Base)	4x4	Window Van	Truck or IV

Memo: One of the following optional exterior nameplates (indicating different trim levels) may also be affixed to the vehicle in addition to the Aerostar nameplate:

XLT (Excluding Vans)		Eddie Bauer (Excluding Vans)				
Club Wagon	Super Wagon					
E11	-	Club Wagon XL	E150	4x2	Club Wagon	MPV
E21	-	Club Wagon XL	E250	4x2	Club Wagon	MPV or Bus ^{a/}
-	S31	Club Wagon XL	E350	4x2	Super Club Wagon	MPV or Bus ^{a/}

Memo: The following optional exterior nameplate (indicating a different trim level) may also be affixed to the vehicle instead of the Club Wagon XL nameplate:

XLT						
Regular Van	Super Van					
E14	/ S14	Econoline	E150	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
E24	/ S24	Econoline	E250	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
E25	/ -	Econoline	E250	4x2	Cargo Van - HD Regular Van	Truck or IV
E34	/ S34	Econoline	E350	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
Other						
E37	-	Econoline	E350	4x2	Commercial Cutaway	IV
E30	-	Econoline ^{b/}	E350	4x2	RV Cutaway	IV
E39	-	Econoline ^{b/}	E350	4x2	Commercial Basic (Stripped) Chassis	IV

Memo: The following optional exterior nameplate (indicating a different trim level) may also be affixed to the vehicle in addition to the Econoline nameplate:

. XL (excludes Commercial Cutaway and Commercial Basic (Stripped) Chassis)

Notes: Special Order (DSO) units will be coded with the appropriate series VIN codes listed above.

^{a/} Excludes School Bus

^{b/} All 1991 model Commercial Basic (Stripped) Chassis incomplete vehicles are designated by a "1FC" or "2FC" World Manufacturer Identifier (WMI) code.

V. (Cont'd) 1991 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, and 7)

MAKE - MAZDA

<u>VIN CODE</u>	<u>Line</u>	<u>Series</u>	<u>Chassis Type</u>	<u>Cab or Body Type</u>	<u>Vehicle Type</u>
U44	Navajo	(Base)	4x4	2-Door	MPV

Memo: The following optional exterior nameplate (indicating a different trim or equipment level) may also be affixed to the vehicle in addition to the Navajo nameplate:

- LX

VII.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATIONEngine Type - Displacement, Cylinders, Fuel Type,
Manufacturer, and Horsepower (H.P.) Ratings
(VIN Position 8)

Engine types are divided into three distinct groups as shown below: Passenger Car, Light Truck/MPV, and Light/Medium/Heavy Truck. Each group is coded independently of the other two. This arrangement provides 99 separate cycles (33 in each group: the letters A through Z, and the numerals 0 through 9) and allows for the availability of additional codes for future engine applications.

VIN CODE	Displacement ^{a/} Litre	CID	Cylinders	Fuel	Manufacturer	Memo: Net Brake H.P.
<u>PASSENGER CAR</u>						
H	1.3 EFI	79	I-4	Gasoline	Mazda	63
6	1.6 EFI-TC	98	I-4 (Turbo)	Gasoline	Mazda	132
Z	1.6 EFI-DOHC	98	I-4	Gasoline	Mazda	100
8	1.8 EFI-DOHC	110	I-4	Gasoline	Mazda	127
J	1.9 EFI	113	I-4	Gasoline	Ford	88
C	2.2 EFI	133	I-4	Gasoline	Mazda	110
L	2.2 EFI-TC/IC	133	I-4 (Turbo/I)	Gasoline	Mazda	145
M	2.3 OHC EFI	140	I-4	Gasoline	Ford	105
X	2.3 HSC EFI	140	I-4	Gasoline	Ford	98
S	2.3 HSO EFI	140	I-4	Gasoline	Ford	100
N	2.5 CFI	153	I-4	Gasoline	Ford	90
U	3.0 EFI	182	V-6	Gasoline	Ford	145
Y	3.0 EFI SHO	182	V-6	Gasoline	Yamaha	220
4	3.8 EFI	232	V-6	Gasoline	Ford	140-155
R	3.8 EFI SC	232	V-6	Gasoline	Ford	210
W	4.6 EFI	281	V-8	Gasoline	Ford	185-200
E	5.0 EFI HO ^{b/}	302	V-8	Gasoline	Ford	225
F	5.0 EFI	302	V-8	Gasoline	Ford	150-160
T	5.0 EFI HO ^{c/}	302	V-8	Gasoline	Ford	200
G	5.8 HO VV	351	V-8	Gasoline	Ford	180

LIGHT TRUCK/MPV (with GVW Ratings of 11,000 pounds or Less)

A	2.3 EFI	140	I-4	Gasoline	Ford	100
T	2.9 EFI	177	V-6	Gasoline	Ford	140
U	3.0 EFI	182	V-6	Gasoline	Ford	145
V	3.4 D	210	I-6	Diesel	Cummins	105
X	4.0 EFI	241	V-6	Gasoline	Ford	155-160
9	4.9 EFI G-LPG	300	I-6	Gasoline ^{d/}	Ford	145-150
Y	4.9 EFI	300	I-6	Gasoline	Ford	145-150
N	5.0 EFI	302	V-8	Gasoline	Ford	185
H	5.8 EFI	351	V-8	Gasoline	Ford	TBD
M	7.3 D	445	V-8	Diesel	Navistar	160-180
G	7.5 EFI	460	V-8	Gasoline	Ford	TBD

*LIGHT/MEDIUM/HEAVY TRUCK (with GVW Ratings over 11,000 pounds)

Gasoline/LPG						Memo: Gross H.P. Range
H	6.1 2V	370	V-8	Gasoline	Ford	164-207
K	7.0 4V	429	V-8	Gasoline	Ford	213-234
J	7.0 EFI	429	V-8	Gasoline	Ford	235
8	7.0 LPG	429	V-8	LPG	Ford	213-234
G	7.5 EFI	460	V-8	Gasoline	Ford	265
Diesel						Basic Model No.
P	6.6	403	I-6	Turbo	Ford	160-185
M	7.3	445	V-8	7.3L	Navistar	165-185
A	7.8	474	I-6	Turbo	Ford	185-270
L	10.0	611	I-6	L-10	Cummins	240-300
S	10.0	611	I-6	3176	Caterpillar	250-325
T	10.5	638	I-6	3306B	Caterpillar	285-300
B	11.1	677	I-6	DDC-60	Detroit Diesel	320
R	14.0	855	I-6	N14	Cummins	310-460
W	14.0	855	I-6	NTC	Cummins	300-444
X	14.6	893	I-6	3406	Caterpillar	310-425

DELETE ENGINE (applicable to all three groups above)

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

a/ "HSC" means high swirl combustion. "LPG" means liquefied petroleum gas. "TC/IC" means turbocharged and intercooled. "TC" means turbocharged. "SHO" means super high output. "SC" means supercharged. "HSO" means high specific output. "EFI" means Electronic Fuel Injection. "DOHC" means Double Overhead Camshaft.

b/ Engine used only for Mustang and Mark VII and differs from passenger car "F" and "T" code engines.

c/ Engine used only for Thunderbird and Cougar and differs from passenger car "E" and "F" code engines.

d/ Engine suitable for LPG conversion. Leaves Ford Assembly Plant as a gasoline engine.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

VIII.

VIN Check Digit
(VIN Position 9)

See Section 4.3, FMVSS No. 115 and Paragraph 565.4(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
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
C	2012
D	2013

IX. 1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
- Plant of Manufacture -
(VIN Position 11)

The plant of manufacture VIN code is designated as follows:

VIN CODE	Vehicle Assembly Plant Name: Location	Plant Production		
		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	
F	Dearborn: Dearborn, Michigan	X		
G	Chicago: Chicago, Illinois	X		
H	Lorain: Lorain, Ohio	X	X	
J	IMMSA: Monterrey, Mexico			X
K	Kansas City: Claycomo, Missouri	X	X	
L	Michigan Truck: Wayne, Michigan		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		X	
V	Kentucky Truck: Jefferson County, Kentucky			X
W	Wayne: Wayne, Michigan	X		
X	St. Thomas: Talbotville, Ontario	X		
Y	Wixom: Wixom, Michigan	X		
Z	St. Louis: Hazelwood, Missouri		X	
5	Mazda-Flat Rock: Flat Rock, Michigan	X		
6	Mazda-Kia: Kyung Ki-Do, Korea	X		
8	<u>Broadmeadows: Campbellfield, Australia</u>	<u>X</u>		

X. - Sequential Vehicle Identifiers -
(VIN Positions 12 through 17)

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