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ORIGINAL

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

Attention: VIN Coordinator

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RECEIVED
NHTSA DOCKET

Re: 1991 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 1991 model year VIN code information covering certain early introduction 1991 model passenger cars and trucks to be manufactured by Ford.

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; 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.

Page three 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 page three 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.

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Pages three and four 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.

Page four of the Attachment also 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; "Medium/Heavy Truck", for those engines installed on trucks and buses with GVWR's in excess of 11,000 pounds. We have been informed by the Ford Vehicle Engineering Offices that, regarding listed "Passenger Car" and "Light Truck/MPV" engines, net brake horsepower data not 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 information is provided for the "Medium/Heavy Truck" engine.

Page five 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 six 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 at the time the vehicle order is processed and which is based upon the respective vehicle assembly plant where the vehicle will be produced.

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

Very truly yours,



R. H. Munson

Attachment

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

I. - 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
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)

January 22, 1990

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
MAKE - FORD					
10	Escort	Pony		2-Dr. Sedan Hatchback	DA
11	Escort	LX		2-Dr. Sedan Hatchback	DA
12	Escort	GT		2-Dr. Sedan Hatchback	DA
14	Escort	LX		4-Dr. Sedan Hatchback	HC
15	Escort	LX		4-Dr. Station Wagon	FF

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

V. 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

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
U22	Explorer	XL	4x2	2-Door	MPV
U24	Explorer	XL	4x4	2-Door	MPV
U32	Explorer	XL	4x2	4-Door	MPV
U34	Explorer	XL	4x4	4-Door	MPV

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

. XL SPORT . XLT . Eddie Bauer

January 22, 1990

VI.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
Line, Series, Chassis, Cab Type
Ford Medium and Heavy Incomplete Vehicles, Trucks
(VIN Positions 5, 6, and 7)

<u>Vin Code/Cab Type</u>	<u>Series Description</u>
<u>Conventional</u>	<u>L-Series - Diesel</u>
S85 (Set Back)	LA8000 (AeroMax LA-8000) w/ Ford Engine

VII.

1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
Engine 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 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.

<u>VIN CODE</u>	<u>Displacement^{a/} Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Manufacturer</u>	<u>Memo: Net Brake H.P.</u>
<u>PASSENGER CAR</u>						
6	1.6 EFI-TC	98	I-4 (Turbo)	Gasoline	Mazda	TBD
Z	1.6 EFI-DOHC	98	I-4	Gasoline	Mazda	TBD
8	1.8 EFI-DOHC	110	I-4	Gasoline	Mazda	TBD
J	1.9 EFI	113	I-4	Gasoline	Ford	TBD
<u>LIGHT TRUCK/MPV</u>						
X	4.0 EFI	241	V-6	Gasoline	Ford	TBD
<u>MEDIUM/HEAVY TRUCK</u>						
A	7.8-TC	474	I-6	Diesel	Ford	<u>Memo: Gross H.P. Range</u> 185-270

a/ "EFI" means Electronic Fuel Injection. "DOHC" means Double Overhead Camshaft. "TC" means Turbocharged.

January 22, 1990

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
<hr/>	
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

X. 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
R	Hermosillo: Hermosillo, Mexico	X		
U	Louisville: Louisville, Kentucky		X	
V	Kentucky Truck: Jefferson County, Kentucky			X
W	Wayne: Wayne, Michigan	X		
<u>8</u>	<u>Broadmeadows: Campbellfield, Australia</u>	<u>X</u>		

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

January 22, 1990

8