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VEHICLE DEFECTS INVESTIGATION

01-22-N11B-3667

Robert H. Munson
Director
Automotive Safety Office
Environmental and Safety
Engineering Staff

ORIGINAL

Ford Motor Company
330 Town Center Drive
Dearborn, Michigan 48126

April 20, 1990

8 pdg

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. 1

Reference: My January 22, 1990 Letter on "1991 Model Year
Vehicle Identification Number Codes"

Ford Motor Company is submitting 1991 model VIN code information changes regarding:

- (1) addition of required coding for the 1991 Ford Crown Victoria and the Mercury Grand Marquis carlines; and
- (2) addition of available engine horsepower values for previously listed engines.

Attached are pages 3, 4 and 6 (dated April 20, 1990) incorporating the above changes and superceding these same pages of our previous 1991 transmittal dated January 22, 1990.

This information is submitted pursuant to the requirements set forth in Part 565 and Section 571.115 of Title 49 of the Code of Federal Regulations, Vehicle Identification Number (VIN).

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

Very truly yours,

R. H. Munson

Attachments

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1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATIONIV. - 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
*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

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
*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

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

*Revised: April 20, 1990 (added Ford LTD Crown Victoria and Mercury Grand Marquis)
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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</u>	<u>Displacement^{a/}</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Manufacturer</u>	<u>Memo: Net Brake H.P.</u>
<u>CODE</u>	<u>Litre</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	127
*J	1.9 EFI	113	I-4	Gasoline	Ford	88
*F	5.0 EFI	302	V-8	Gasoline	Ford	150-160
*G	5.8 HO VV	351	V-8	Gasoline	Ford	180
<u>LIGHT TRUCK/MPV</u>						
*X	4.0 EFI	241	V-6	Gasoline	Ford	155-160
<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.

*Revised April 20, 1990 (H.P. values added for engines codes 8, X and J; new engine codes F and G added).

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		
*X	St. Thomas: Talbotville, Ontario	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.

*Revised April 20, 1990 (added St. Thomas Plant which manufactures the Ford Crown Victoria and the Mercury Grand Marquis carlines)



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14	Escort	LX		4-Dr. Sedan Hatchback	HC
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Line, Series, Chassis, Cab Type
Ford Medium and Heavy Incomplete Vehicles, Trucks
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<u>Vin Code/Cab Type</u>	<u>Series Description</u>
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<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>						
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Z	1.6 EFI-DOHC	98	I-4	Gasoline	Mazda	TBD
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U	Louisville: Louisville, Kentucky		X	
V	Kentucky Truck: Jefferson County, Kentucky			X
W	Wayne: Wayne, Michigan	X		
*X	St. Thomas: Talbotville, Ontario	X		
<u>8</u>	<u>Broadmeadows: Campbellfield, Australia</u>	<u>X</u>		

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(VIN Positions 12 through 17)

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