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

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Ford Motor Company
330 Town Center Drive
Dearborn, Michigan 48126

October 1, 1990

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

ORIGINAL

Attention: VIN Coordinator

Re: 1991 Model Year Vehicle Identification Number Codes -
Amendments - Revision No. 4

Reference: My August 17, 1990 Letter on "1991 Model Year
Vehicle Identification Number Codes - Amendments
Revision No. 3"

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

- (1) Tempo "L" series, originally available in Canada only, will now be available in both the U.S. and Canada.
- (2) A Special Edition option, identified by a "24V DOHC" cloisonne fender badge, is being added to the Taurus SHO series.
- (3) A "Sport" option with a "V-8" fender badge, is being added to the standard series Thunderbird.
- (4) Usage of the "Executive" series designation for the Lincoln Town Car (excluding vehicles ordered with the "Limousine Package" option) and the Continental is being reinstated for the 1991 model year as a running change for U.S. market vehicles only. Canadian market vehicles (along with Town Car Limousine Package vehicles) will continue as a non-designated base series.
- (5) Certain Heavy Truck Diesel Engine H.P. values shown on the Engine VIN Code information sheet (VIN Position 8) have been revised. Also, information on a new 12.7 liter Detroit Diesel (DDC-60) engine has been added.

Attached are pages 3, 5, and 10 (dated October 1, 1990)

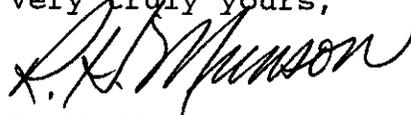
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incorporating the above changes and superceding these same pages in our previous 1991 model year VIN coding transmittals.

This information is submitted pursuant to 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

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 ^{1/}		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		2-Dr. Sedan Hatchback	DA
*30	Tempo	L		2-Dr. Sedan	BA
31	Tempo	GL		2-Dr. Sedan	BA
33	Tempo	GLS		2-Dr. Sedan	BA
*35	Tempo	L		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	24V DOHC	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	Sport & V-8	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.

*Revised October 1, 1990 (Tempo "L" series now available in both the U.S. and Canada; Special Edition option identified by "24V DOHC" Cloisonne Fender Badge added to Taurus SHO series; "Sport" option with "V-8" engine added to standard series Thunderbird.)

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1991 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

IV. (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 - LINCOLN					
*81	Town Car	Base ^{1/} /Executive ^{2/}		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	Base ^{3/} /Executive ^{2/}		4-Dr. Sedan	FC
98	Continental	Signature		4-Dr. Sedan	FC

^{1/} Canada and all Town Cars ordered with the "Limousine Package" option only

^{2/} Running change from Base to "Executive" series designation for U.S. vehicles only.

^{3/} Canada only

*Revised October 1, 1990 (usage of the "Executive" series designation for the 1991 model year reinstated as a running change for U.S. market vehicles only but excluding Town Cars ordered with the "Limousine Package" option.)

October 1, 1990

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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 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	105-125
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	200
M	7.3 D	445	V-8	Diesel	Navistar	160-180
G	7.5 EFI	460	V-8	Gasoline	Ford	230

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

VIN CODE	Displacement Gasoline/LPG	CID	Cylinders	Fuel	Manufacturer	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

VIN CODE	Displacement	CID	Cylinders	Basic Model No.	Manufacturer	H.P. Range
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	240-350
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	285-425
*D	12.7	775	I-6	DDC-60	Detroit Diesel	365-425
R	14.0	855	I-6	N14	Cummins	310-460
*W	14.0	855	I-6	NTC	Cummins	270-444
*X	14.6	893	I-6	3406	Caterpillar	285-460

DELETE ENGINE (applicable to all three groups above)

0 (ZaFo) 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.

*Revised October 1, 1990 (H.P. values revised; new 12.7L Detroit Diesel engine added)