



84 NOV 29 AM : 44

Roger E. Maugh
Director
Automotive Safety Office
Environmental and Safety
Engineering Staff

Ford Motor Company
The American Road
Dearborn, Michigan 48121

May 30, 1984

01-22-N11B-1724

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

ORIGINAL

Attention: VIN Coordinator

Re: Vehicle Identification Number Codes

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), Ford Motor Company is submitting VIN codes for 1985 model passenger cars, multipurpose passenger vehicles (MPV's), trucks, buses, and incomplete vehicles manufactured by Ford.

The format of the VIN coding consists of alpha-numeric characters grouped according to the requirements and limitations set forth in the amended standard. 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 the exclusive use of a constant "P" in Ford VIN position no. 5 for all passenger cars.

May 30, 1984

Pages three and four 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 and four 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" issued by the Ford Body and Electrical Product Engineering Office, 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 five, six, and seven 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 lines, 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 five, six, and seven.

Page eight of the Attachment lists VIN codes for Ford-installed 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 Ratings (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. 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 "Passenger Car" and "Light Truck/MPV" engines (98 CID through 460 CID), net brake horsepower data will be

May 30, 1984

available after commencement of 1985 model production and will be provided the Administration as soon as these data become available. Gross horsepower data are provided for each "Medium/Heavy Truck" engine along with diesel engine model numbers. A "0" (zero) engine code is shown on page nine of the Attachment to denote a unit (glider) built without an engine.

Page nine 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 ten 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.

Page eleven of the Attachment sets forth the VIN codes (in addition to the WMI coding information given on page one of the Attachment) used to identify the 1985 model Merkur XR4Ti passenger car manufactured by Ford-Werke, A.G., West Germany, and imported into the United States by Ford.

Pages twelve and thirteen of the Attachment are included herein for informational purposes only. 1984 model Courier and 1985 model Laser VIN coding information (in addition to the WMI coding information given on page one of the Attachment), as related to Ford by Toyo Kogyo Co., Ltd. (now "Mazda Motor Corporation"), Japan, the manufacturer, is presented. Toyo Kogyo, of course, is responsible for transmitting the required Courier and Laser VIN information to the Administration.

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

Very truly yours,



R. E. Maugh

Attachment

3

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

- 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 M E	Ford Motor Company, USA	Mercury	Passenger Car
1 L N	Ford Motor Company, USA	Lincoln	Passenger Car
1 L J	Ford Motor Company, USA	Lincoln	Incomplete Vehicle
1 M R	Ford Motor Company, USA	Continental	Passenger Car
1 N J	Ford Motor Company, USA	Continental	Incomplete Vehicle
1 F M	Ford Motor Company, USA	Ford	MPV <u>a/</u>
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 M H	Ford Motor Company, USA	Mercury	Incomplete Vehicle
1 F B	Ford Motor Company, USA	Ford	Bus
1 F F	Ford Motor Company, USA	Ford	Motor Vehicle Equipment Without Engine/Powertrain (Glider)
2 F A	Ford Motor Company of Canada, Ltd.	Ford	Passenger Car
2 M E	Ford Motor Company of Canada, Ltd.	Mercury	Passenger Car
2 F M	Ford Motor Company of Canada, Ltd.	Ford	MPV <u>a/</u>
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 M H	Ford Motor Company of Canada, Ltd.	Mercury	Incomplete Vehicle
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)
F 1 b/	Ford-Werke, A.G., West Germany	Merkur	Passenger Car (Imported XR4Ti)

J C 1 c/	Mazda Motor Corporation, Japan	Ford	Passenger Car (Imported Laser)
J C 2 d/	Mazda Motor Corporation, Japan	Ford	Truck (Complete Vehicle) (Imported Courier)
J C 4 d/	Mazda Motor Corporation, Japan	Ford	Incomplete Vehicle (Imported Courier)

a/ "MPV" means Multipurpose Passenger Vehicle.

b/ Additional VIN element coding for the imported Merkur XR4Ti is listed on Page 11.

c/ Additional VIN element coding for the imported Laser (not for sale in the 50 states) is listed on Page 13.

d/ Additional VIN element coding for the imported Courier (not for sale in the 50 states) is listed on Page 12.

May 30, 1984

4

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION- Restraint System Type for Passenger Cars Only -
(VIN Position 4)

<u>Restraint</u> <u>System Description</u>	<u>VIN CODE</u>
Active Belts	B
Passive Belts (Front)	P
Active Belts and Driver Air Bag (and Active Belt)	C

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

<u>BRAKE</u> <u>SYSTEM</u>	<u>GVWR CLASS</u>	<u>GVWR RANGE</u>	<u>VIN</u> <u>CODE</u>
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
		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
		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
		55,001 pounds and over	Z

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

- VIN Position 5 (Passenger Cars Only) -
VIN CODE: Use the constant "P".

May 30, 1984

5

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

- 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 - FORD					
01	EXP	(Base)	Turbo	3-Dr. Hatchback Sporty Coupe	67D
04	Escort	(Base)	L	2-Dr. Sedan Hatchback	61D
05	Escort	--	GL	2-Dr. Sedan Hatchback	61D
07	Escort	--	GT, Turbo GT	2-Dr. Sedan Hatchback	61D
09	Escort	L		4-Dr. Station Wagon	74D
10	Escort	--	GL	4-Dr. Station Wagon	74D
11	Escort	--	LX	4-Dr. Station Wagon	74D
13	Escort	(Base)	L	4-Dr. Sedan Hatchback	58D
14	Escort	--	GL	4-Dr. Sedan Hatchback	58D
15	Escort	--	LX	4-Dr. Sedan Hatchback	58D
18	Tempo	L		2-Dr. Sedan	66D
19	Tempo	--	GL	2-Dr. Sedan	66D
20	Tempo	--	GLX	2-Dr. Sedan	66D
21	Tempo	L		4-Dr. Sedan	54D
22	Tempo	--	GL	4-Dr. Sedan	66D
23	Tempo	--	GLX	4-Dr. Sedan	54D
26	Mustang	LX		2-Dr. Sedan	66B
27	Mustang	LX	GTA/	2-Dr. Sedan Convertible	66B
28	Mustang	LX	GTA/, SVO	3-Dr. Sedan Hatchback	61B
39	LTD	(Base)	Brougham, LX	4-Dr. Sedan	54D
40	LTD	(Base)	Squire	4-Dr. Station Wagon	74D
42	Ford	LTD Crown Victoria		2-Dr. Sedan	66K
43	Ford	LTD Crown Victoria		4-Dr. Sedan	54K
44	Ford	LTD Country Squire	LTD Crown Victoria	4-Dr. Station Wagon	74K
46	Thunderbird	(Base)	Turbo Coupe, elan, FIA	2-Dr. Sedan	63D

a/ Includes a "Cobra" option (with the "GT" exterior nameplate deleted) that is available only in Canada.

May 30, 1984

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION- 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>
<u>MAKE - MERCURY</u>					
54	Lynx	(Base)	L	3-Dr. Sedan Hatchback	61D
55	Lynx	--	GS	3-Dr. Sedan Hatchback	61D
60	Lynx	L		4-Dr. Station Wagon	74D
61	Lynx	--	GS	4-Dr. Station Wagon	74D
65	Lynx	L		5-Dr. Sedan Hatchback	58D
66	Lynx	--	GS	5-Dr. Sedan Hatchback	58D
71	Topaz	<u>La/</u>		2-Dr. Sedan	66D
72	Topaz	--	GS	2-Dr. Sedan	66D
73	Topaz	--	LS	2-Dr. Sedan	66D
74	Topaz	<u>La/</u>		4-Dr. Sedan	54D
75	Topaz	--	GS	4-Dr. Sedan	54D
76	Topaz	--	LS	4-Dr. Sedan	54D
79	Capri	<u>GSb/</u>	RS	3-Dr. Sedan Hatchback	61D
89	Marquis	(Base)	Brougham, LTS	4-Dr. Sedan	54D
90	Marquis	(Base)		4-Dr. Station Wagon	74D
92	Cougar	(Base)	LS, XR7	2-Dr. Sedan	66D
93	Grand Marquis	(Base)	LS	2-Dr. Sedan	66K
94	Grand Marquis	Colony Park	LS	4-Dr. Station Wagon	74K
95	Grand Marquis	(Base)	LS	4-Dr. Sedan	54K
<u>MAKE - LINCOLN</u>					
96	Lincoln Town Car	(Base)	Signature, Cartier	4-Dr. Sedan	54D
<u>MAKE - CONTINENTAL</u>					
97	Continental	(Base)	Givenchy, Valentino	4-Dr. Sedan	54D
98	Mark VII	(Base)	Bill Blass, LSC, Versace, Comtech	2-Dr. Coupe	63D

a/ Available only in Canada.b/ Includes a base Capri with the "GS" exterior nameplate deleted that is available only in Canada.

May 30, 1984

7

1985 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 (11000 Pounds) or less: (VIN Positions 5, 6, and 7)

MAKE - FORD

<u>VIN CODE</u>	<u>Line</u>	<u>Series</u>	<u>Chassis Type</u>	<u>Cab or Body Type</u>	<u>Vehicle Type</u>
U15	Bronco	U150	4x4	Bronco	MPV
U14	Bronco II	(Base)	4x4	Bronco II	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 Bronco or Bronco II nameplate:

- . XLT
- . XLS (Bronco II only)
- . Eddie Bauer

R10	Ranger	(Base)	4x2	Ranger Pickup	Truck or IV
R11	Ranger	(Base)	4x4	Ranger Pickup	Truck or IV
R12	Ranger	(Base)	4x2	Ranger Chassis Cab	IV

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 Ranger nameplate:

- . XL
- . XLT
- . XLS
- . Explorer
- . STX

Super Cab (X)
Regular or
Cab (F) Crew Cab (W)

F14	/	X14	F-Series	F150	4x4	Pickup - Regular Cab/Super Cab	Truck
F1	/	X15	F-Series	F150	4x2	Pickup - Regular Cab/Super Cab	Truck
F25	/	X25	F-Series	F250	4x2	Pickup - Regular Cab/Super Cab	Truck
F27		-	F-Series	F250	4x2	Regular Cab (Chassis Cab)	IV
F26	/	X26	F-Series	F250	4x4	Pickup - Regular Cab/Super Cab	Truck
F35	/	W35	F-Series	F350	4x2	Pickup - Regular Cab/Crew Cab	Truck
F37		-	F-Series	F350	4x2	Regular Cab (Chassis Cab)	IV
F36	/	W36	F-Series	F350	4x4	Pickup - Regular Cab/Crew Cab	Truck
F38		-	F-Series	F350	4x4	Regular Cab (Chassis Cab)	IV

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 F-Series nameplate.

- . XL
- . XLT Lariat (excluding Crew Cab and Chassis Cab)
- . Explorer

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

May 30, 1984

8

1985 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

<u>VIN CODE</u>	<u>Line</u>	<u>Series</u>	<u>Chassis Type</u>	<u>Cab or Body Type</u>	<u>Vehicle Type</u>
A11	Aerostar	(Base)	4x2	Window Wagon	MPV
A14	Aerostar	(Base)	4x2	Cargo Van	Truck or IV
A15	Aerostar	(Base)	4x2	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:

. XL

. XLT (Excluding Vans)

<u>Club Wagon</u>	<u>Super Wagon</u>					
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 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

^{a/} Excludes School Bus

<u>Regular Van</u>	<u>Super Van</u>					
E14	/ S14	Econoline	E150	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
E15	/ S15	Econoline	E150	4x2	Window Van - Regular Van/Super Van	Truck or IV
E16	-	Econoline	E150	4x2	Display Van - Regular Van	Truck or IV
E24	/ S24	Econoline	E250	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
E25	/ S25	Econoline	E250	4x2	Window Van - Regular Van/Super Van	Truck or IV
E26	-	Econoline	E250	4x2	Display Van - Regular Van	Truck or IV
E34	/ S34	Econoline	E350	4x2	Cargo Van - Regular Van/Super Van	Truck or IV
E35	/ S35	Econoline	E350	4x2	Window Van - Regular Van/Super Van	Truck or IV
E36	-	Econoline	E350	4x2	Display Van - Regular Van	Truck or IV
<u>Other</u>						
E37	-	Econoline	E350	4x2	Commercial Cutaway	IV
E30	-	Econoline	E350	4x2	RV Cutaway	IV
E39	-	Econoline ^{a/}	E350	4x2	Commercial Basic (Stripped) Chassis	IV

Memo: For all Econoline except Basic (Stripped) Chassis, the optional exterior nameplate "XL" (indicating a different trim level) may also be affixed to the vehicle in addition to the Econoline nameplate.

^{a/} All 1985 model Commercial Basic (Stripped) Chassis (CBSC) incomplete vehicles are designated by a "1FC" or "2FC" World Manufacturer Identifier (WMI) code. Special Order (DSO) 1985 model CBSC's and Regular Production Option (RPO) 1985 model CBSC's are coded with an "E39" Body Type code.

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

May 30, 1984

9

1985 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)

VIN CODE/Cab Type	Series/Description
	<u>B, F Series - Gas or Optional Diesel</u>
<u>COWL</u>	
B60	B600
J64	B600 w/Diesel Option
B70	B700
J74	B700 w/Diesel Option
F61	F600
K65	F600 w/Diesel Option
F71	F700
K75	F700 w/Diesel Option
F83	F800
K85	F800 w/Diesel Option
	<u>B, F Series - Diesel</u>
J70	B7000
K71	F7000
K89	F8000

	<u>F Series - Gas or Optional Diesel</u>
<u>CONVENTIONAL</u>	
F60	F600
K64	F600 w/Diesel Option
F70	F700
K74	F700 w/Diesel Option
F77	F700 4x4
K77	F700 4x4 w/Diesel Option
F82	F800
K84	F800 w/Diesel Option
G80 (Tandem)	FT800
L90 (Tandem)	FT900 w/Diesel Option
	<u>Add, Opt, Ext, Nameplate</u>
	• Custom Cab
	<u>F Series - Diesel</u>
K70	F7000
K72	F7000 4x4
K87	F8000
L80 (Tandem)	FT8000
	<u>Add, Opt, Ext, Nameplate</u>
	• Custom Cab

	<u>L Series - Diesel</u>
K80	L8000
K90	L9000
U80 (Tandem)	LT8000
U90 (Tandem)	LT9000
Y80 (Tandem Set Back)	LTS8000
Y90 (Tandem Set Back)	LTS9000
A90 (Tandem)	LTL9000
A92 (Tandem)	LTL9000 Sleeper Cab Single
A98 (Tandem)	LTL9000 Sleeper Cab Double

VIN CODE/Cab Type	Series/Description
	<u>LN Series - Gas or Optional Diesel</u>
<u>SHORT CONVENTIONAL</u>	
N60	LN600
R64	LN600 w/Diesel Option
N70	LN700
R74	LN700 w/Diesel Option
	<u>LN Series - Diesel</u>
R70	LN7000
R80	LN8000
R90	LN9000
W80 (Tandem)	LNT8000
W90 (Tandem)	LNT9000

		<u>C Series</u>		
			<u>Gas</u>	<u>Diesel</u>
				<u>Std.</u> <u>Opt.</u>
<u>LOW TILT CAB</u>				
C60	C600	X		
D64	C600			X
C70	C700	X		
D74	C700			X
C80	C800	X		
D84	C800			X
D70	C7000		X	
D80	C8000		X	
H80 (Tandem)	CT8000		X	
		<u>Add, Opt, Ext, Nameplate</u>		
		• Custom Cab		

	<u>CL9000, CLT9000 Series (Diesel)</u>				
	<u>CL9000</u>	<u>CLT9000</u>	<u>Rear Axle</u>		
	<u>Cab Size</u>	<u>Cab Size</u>	<u>Sleeper</u>	<u>Single</u>	<u>Tandem</u>
<u>HIGH TILT CAB</u>					
Z96	64 inch			X	
X96		64 inch			X
Z98	88 inch		X	X	
X98		88 inch	X		X
Z91	110 inch		X	X	
X91		110 inch	X		X
		<u>Add, Opt, Ext, Nameplate</u>			
		• Air Ride Cab			

NOTE: Basic (Stripped) Chassis and other Special Order (DSO) units will be coded with the appropriate series VIN codes listed above.

May 30, 1984

10

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.

VIN CODE	Displacement ^{a/} Litre	CID	Cylinders	Fuel ^{a/}	Manufacturer	Memo: Net Brake H.P.
<u>PASSENGER CAR</u>						
2	1.6 2V	98	I-4	Gasoline	Ford	b/
4	1.6 HO	98	I-4	Gasoline	Ford	b/
5	1.6 EFI	98	I-4	Gasoline	Ford	b/
8	1.6 EFI-TC	98	I-4 (Turbo)	Gasoline	Ford	b/
7	1.6 M-HO	98	I-4	Methanol	Ford	b/
9	1.9 2V	116	I-4	Gasoline	Ford	f/
H	2.0 D	122	I-4	Diesel	Toyo Kogyo	b/
A	2.3 1V-OHC	140	I-4	Gasoline	Ford	b/
6	2.3 LPG	140	I-4	LPG	Ford	b/
T	2.3 EFI-TC ^{c/}	140	I-4 (Turbo/I)	Gasoline	Ford	b/
W	2.3 EFI-OHC-TC	140	I-4 (Turbo)	Gasoline	Ford	b/
R	2.3 IV-HSC	140	I-4	Gasoline	Ford	b/
X	2.3 HSC-CFI	140	I-4	Gasoline	Ford	b/
S	2.3 HSC-HO-CFI ^{d/}	140	I-4	Gasoline	Ford	b/
L	2.4 D-TC	146	I-b (Turbo)	Diesel	BSM (BMW)	b/
3	3.8 CFI/2V (CAN ^{e/}) ^{e/}	232	V-6	Gasoline	Ford	b/
C	3.8 2V (U.S.) ^{e/}	232	V-6	Gasoline	Ford	b/
F	5.0 CFI/2V ^{e/}	302	V-8	Gasoline	Ford	b/
M	5.0 HO-4V/CFI	302	V-8	Gasoline	Ford	b/
G	5.8 HO-VV	351	V-8	Gasoline	Ford	b/
<u>LIGHT TRUCK/MPV</u>						
C	2.0	122	I-4	Gasoline	Ford	b/
A	2.3 EFI	140	I-4	Gasoline	Ford	b/
E	2.3 D TC	140	I-4 (Turbo)	Diesel	Mitsubishi	b/
D	2.3 CNG	140	I-4	CNG	Ford	b/
B	2.3 TC	140	I-4 (Turbo)	Gasoline	Ford	f/
S	2.8	171	V-6	Gasoline	Ford	b/
M	3.7 D	226	I-4	Diesel	White Engine	b/
Y	4.9	300	I-6	Gasoline	Ford	b/
9	4.9 G-LPG	300	I-6	Temporary Gasoline ^{g/}	Ford	b/
F	5.0 2V	302	V-8	Gasoline	Ford	b/
N	5.0 EFI	302	V-8	Gasoline	Ford	f/
G	5.8 2V	351	V-8	Gasoline	Ford	b/
H	5.8 4V	351	V-8	Gasoline	Ford	b/
1	6.9 D	420	V-8	Diesel	Intl. Harvester	b/
L	7.5	460	V-8	Gasoline	Ford	b/

MEDIUM/HEAVY TRUCKGasoline/LPG

Memo: Gross

H.P. RANGE

H	6.1	370	V-8	Gasoline	Ford	170-207
7	6.1 LPG	370	V-8	LPG	Ford	170-207
K	7.0	429	V-8	Gasoline	Ford	200-234
8	7.0 LPG	429	V-8	LPG	Ford	200-234

DieselBasic Model No.

J	7.0	426	I-6	6-71	Detroit Diesel	185-275
N	8.2	500	V-8	8.2L	Detroit Diesel	130-205
R	9.0	552	V-6	6V-92	Detroit Diesel	240-335
L	10.0	611	I-6	1-10	Cummins	240-270
U	10.4	636	V-8	3208	Caterpillar	150-250
V	12.1	736	V-8	8V-92	Detroit Diesel	335-450
W	14.0	855	I-6	NTC	Cummins	220-475
X	14.6	893	I-6	3406	Caterpillar	240-400

DELETE ENGINE (applicable to all three groups above)

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

- a/ "LPG" means liquefied petroleum gas. "HSC" means high swirl combustion. "CNG" means compressed natural gas.
b/ Engine not yet produced for the 1985 model year.
c/ Engine, equipped with intercooler and boost control, is available on SVO Mustang only.
d/ Engine is only available on Tempo/Topaz with Sport Appearance Group option.
e/ The 3.8L-2V engine sold in Canada is coded "3". The 3.8L-2V engine sold in the U.S. is coded "C". The 3.8 CFI engine is coded "3". The 5.0L-2V engine is available only in Canada.
f/ Not Job No. 1, 1985 model year.
g/ Engine intended for LPG completion.

May 30, 1984

11

VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION- VIN Check Digit for All Vehicles -
(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.)

- Vehicle Model Year for Ford-Completed Vehicles -
(VIN Position 10)

The model year is designated as follows:

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

May 30, 1984

12

1985 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	
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	
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	X	

- Sequential Vehicle Identifiers -

(VIN Positions 12 through 17)

A six digit numeric sequence code for passenger cars or a six digit alphanumeric sequence code (first digit alpha, last five digits numeric) for trucks, MPV's, buses and incomplete vehicles is assigned by the vehicle assembly plant of manufacture (above).

MERKUR XR4Ti

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

(VIN Positions 4 through 17)

- Restraint System Type (VIN Position 4):

<u>VIN</u> <u>CODE</u>	<u>Description</u>
B	Active Belts

- Passenger Car Value (VIN Position 5):

<u>VIN</u> <u>CODE</u>	<u>Description</u>
P	Constant Value

- Line, Body Type (VIN Positions 6 and 7):

<u>VIN</u> <u>CODE</u>	<u>Line</u>	<u>Body Type</u>
80	XR4Ti	3-Door Hatchback

- Engine Type (VIN Position 8):

<u>VIN</u> <u>CODE</u>	<u>Engine Displacement</u> <u>Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Manufacturer</u>
W	2.3 EFI TC	140	I-4 (Turbo)	Gasoline	Ford Motor Company, USA

Memo:
Net Brake
Horsepower
TBD

- 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.)

- Vehicle Model Year (VIN Position 10):

<u>VIN</u> <u>CODE</u>	<u>Year</u>
F	1985

- Plant of Manufacture (VIN Position 11):

<u>VIN</u> <u>CODE</u>	<u>Assembly Plant</u> <u>Name</u>	<u>Plant Location</u>
M	Karmann Assembly Plant	Rheine, West Germany

- Production Sequence Number (VIN Positions 12 through 17):

A six-digit numeric sequence code beginning with "600001" is used.

May 30, 1984

14

COURIER

1984 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION*

(VIN Positions 4 through 17)

- . Line, Series, Chassis, Cab Type and Body Style (VIN Positions 4, 5, and 6):

<u>VIN CODE</u>	<u>Courier Pick-up/Chassis Cab</u>
UA1	2715mm Wheelbase, 4x2, (Truck or IV)
UA2	2865mm Wheelbase, 4x2, (Truck or IV)

Memo: The optional exterior nameplate "XLT" (indicating a higher trim level) may also be affixed to the vehicle in addition to the Courier nameplate.

- . GVWR Class and Brake System (VIN Position 7):

<u>VIN CODE</u>	<u>GVWR Class</u>	<u>Brake System</u>
2	Class C: 4,001 - 5,000 pounds	Hydraulic

- . Engine Type (VIN Position 8):

<u>VIN CODE</u>	<u>Displacement</u> <u>Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Manufacturer</u>	<u>Memo:</u> <u>Net Brake</u> <u>Horsepower</u>
1	2.0	121	4	Gasoline	Mazda Motor Corp.	75 \pm 7
2	2.3	140	4	Gasoline	Mazda Motor Corp.	81 \pm 8
3	2.2	134	4	Diesel	Mazda Motor Corp.	58 \pm 5

- . 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.)

- . Vehicle Model Year (VIN Position 10):

<u>VIN CODE</u>	<u>Year</u>
E	1984

- . Plant of Manufacturer (VIN Position 11):

<u>VIN CODE</u>	<u>Plant</u>
0 (Zero)	Hiroshima, Japan

- . Production Sequence Number (VIN Positions 12 through 17):

Number is assigned sequentially (750001 - 799999) within vehicle engine type.

* The Courier model-year designation will continue to be "1984" until the 1986 model-year changeover (no 1985 model).

May 30, 1984

15

LASER

1985 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

(VIN Positions 4 through 17)

- . Line (VIN Positions 4 and 5):

<u>VIN CODE</u>	<u>Description</u>
BE	Laser

- . Series, Body Type (VIN Positions 6 and 7):

<u>VIN CODE</u>	<u>Series</u>	<u>Additional Optional Exterior Nameplates</u>	<u>Body Type</u>
22	L	GL, Ghia	4-Door Sedan
23	L	GL, Sport	3-Door Hatchback
24	L	GL, Ghia	5-Door Hatchback

- . Engine and Restraint System Type (VIN Position 8):

<u>VIN CODE</u>	<u>Engine Displacement Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Manufacturer</u>	<u>Memo: Net Brake Horsepower</u>
1	1.5	1.5	4	Gasoline	Mazda Motor Corp.	68 \pm 6

and Active Belts (restraint system type)

- . 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.)

- . Vehicle Model Year (VIN Position 10):

<u>VIN CODE</u>	<u>Year</u>
F	1985

- . Plant of Manufacturer (VIN Position 11):

<u>VIN CODE</u>	<u>Plant Location</u>
0 (Zero)	Hiroshima, Japan
1	Hofu, Yamaguchi, Japan

- . Production Sequence Number (VIN Positions 12 through 17):

Number is assigned sequentially (800001 - 899999) within vehicle body type.

May 30, 1984