

07-21-94/23

ORIGINAL

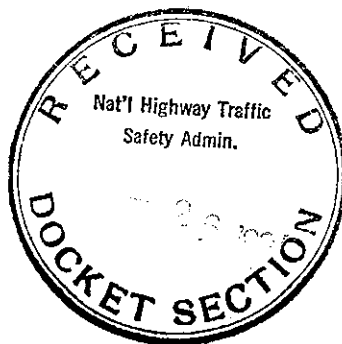


01-22-N11B-5559

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

Ford Motor Company
330 Town Center Drive
Dearborn, Michigan 48126

April 8, 1994



10 p.

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

Attention: VIN Coordinator

Subject: 1994 Model Year Vehicle Identification Number Codes -
Amendments: Revision No. 2

Reference: My July 21, 1993 letter on "1994 Model Year Vehicle
Identification Number Codes - Amendments: Revision No. 1"

Ford Motor Company is submitting 1994 model VIN code information which
reflects the following product changes:

- (1) The "Sport" optional exterior nameplate is added to the Ford Escort 4-door sedan notchback and station wagon models for Canadian market vehicles only.
- (2) The "Cobra" and "Indy Pace Car" optional exterior nameplates are added to the Ford Mustang GT convertible model.
- (3) The "Trio" optional exterior nameplate is added to the Mercury Tracer base model 4-door sedan notchback and station wagon.
- (4) The "LTS" optional exterior nameplate is added to the Mercury Sable LS 4-door sedan model.
- (5) The "Tournament Edition" optional exterior nameplate is added to the Lincoln Town Car Signature series model.
- (6) The "4X4" optional exterior nameplate may be added to one or more other optional exterior nameplates on the Ford Ranger XL Pickup truck models.
- (7) Ford F-150/250 Pickup truck models may now also be produced as incomplete vehicles when they are ordered with the "Personal Use RV Conversion Package" option.



April 8, 1994

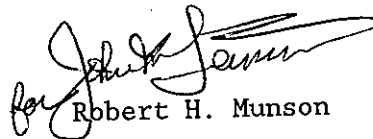
- (8) The "Off Road", "Turbo Diesel" and "Eddie Bauer" optional exterior nameplates are added to the Ford F-Series Pickup trucks.
- (9) The "4X4" optional exterior nameplate is added to the Mazda B-Series Pickup truck.
- (10) The "E-350 4X2 Basic (Stripped) Chassis", VIN body code "E33", has been cancelled with none being built for the 1994 model year.
- (11) The "Turbo Diesel" optional exterior nameplate has been added to the F-Series Diesel Heavy Truck models.
- (12) The CID measurements for several Passenger Car engines were revised to show the actual English unit measurement values. The Metric measurement equivalent in Litres for these engines remain correct and unchanged.
- (13) The net brake horsepower rating for the 5.0L EFI SHP passenger car engine has been increased to 240 HP from 235 HP.
- (14) An additional 4.9 Litre Light Truck engine having the "Gaseous Fuel Prep." option has been added to the Light Truck engine table.

Attached are new pages 3, 4, 5, 6, 8, 9, 10 and 11 dated April 8, 1994, incorporating the above changes and superceding the same pages in our previous 1994 model year VIN coding transmittal.

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,


Robert H. Munson

Attachment
VIN/cvrltr.494

2

1994 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	Aspire	Base		2-Dr. Sedan Hatchback	DA
06	Aspire	Base		4-Dr. Sedan Hatchback	HC
07	Aspire	SE		2-Dr. Sedan Hatchback	DA
10	Escort	Base		2-Dr. Sedan Hatchback	DA
11	Escort	LX	Sport	2-Dr. Sedan Hatchback	DA
12	Escort	GT		2-Dr. Sedan Hatchback	DA
*13	Escort	LX	Sport 1/	4-Dr. Sedan Notchback	FA
14	Escort	LX	Sport 1/	4-Dr. Sedan Hatchback	HC
*15	Escort	LX	Sport 1/	4-Dr. Station Wagon	FF
20	Probe	Base	SE	2-Dr. Sedan Hatchback	DA
21	Probe	GT		2-Dr. Sedan Hatchback	DA
22	Probe	GT		2-Dr. Sedan Hatchback	DA
31	Tempo	GL		2-Dr. Sedan	BA
36	Tempo	GL		4-Dr. Sedan	FC
37	Tempo	LX		4-Dr. Sedan	FC
40	Mustang	Base		2-Dr. Coupe	BJ
42	Mustang	GT	Cobra	2-Dr. Coupe	BJ
44	Mustang	Base		2-Dr. Convertible	BH
*45	Mustang	GT	Cobra, Indy Pace Car	2-Dr. Convertible	BH
52	Taurus	GL	FFV 2/	4-Dr. Sedan	FC
53	Taurus	LX		4-Dr. Sedan	FC
54	Taurus	SHO		4-Dr. Sedan	FC
57	Taurus	GL		4-Dr. Station Wagon	FF
58	Taurus	LX		4-Dr. Station Wagon	FF
62	Thunderbird	LX		2-Dr. Sedan	BA
64	Thunderbird	Super Coupe		2-Dr. Sedan	BA
71	Crown Victoria	Police Interceptor		4-Dr. Sedan	FC
72	Crown Victoria	S (Fleet-LPO: Commercial App.)		4-Dr. Sedan	FC
73	Crown Victoria	Standard		4-Dr. Sedan	FC
74	Crown Victoria	LX		4-Dr. Sedan	FC

1/ Canada Only.

2/ Flex Fuel Vehicle.

* Revision (Additional "Sport" options of Escort added for Canada only; "Cobra" and "Indy Pace Car" options added to Mustang).

April 8, 1994

vincode\vin94-3a

3

1994 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 - MERCURY					
01	Capri	Base		2-Dr. Convertible	BH
03	Capri	XR2		2-Dr. Convertible	BH
*10	Tracer	Base 1/	Trio	4-Dr. Sedan Notchback	FA
14	Tracer	LTS 1/		4-Dr. Sedan Notchback	FA
*15	Tracer	Base 1/	Trio	4-Dr. Station Wagon	FF
31	Topaz	GS		2-Dr. Sedan	BA
36	Topaz	GS		4-Dr. Sedan	FC
37	Topaz	LS 2/		4-Dr. Sedan	FC
50	Sable	GS		4-Dr. Sedan	FC
*53	Sable	LS	LTS	4-Dr. Sedan	FC
55	Sable	GS		4-Dr. Station Wagon	FF
58	Sable	LS		4-Dr. Station Wagon	FF
62	Cougar XR7	XR7		2-Dr. Sedan	BA
74	Grand Marquis	GS		4-Dr. Sedan	FA
75	Grand Marquis	LS		4-Dr. Sedan	FA

1/ U. S. only

2/ Canada only

* Revision (Tracer "Trio" option added to base models; "LTS" option added to Sable LS).

April 8, 1994

vincode\vin94-4a

4

1994 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		4-Dr. Sedan	FC
*82	Town Car	Signature	Tournament Edition	4-Dr. Sedan	FC
83	Town Car	Cartier		4-Dr. Sedan	FC
91	Mark VIII	Base		2-Dr. Coupe	BA
97	Continental	Executive		4-Dr. Sedan	FC
98	Continental	Signature		4-Dr. Sedan	FC

^{1/} All Town Cars ordered with the "Heavy Duty Package" option only.
* Revision ("Tournament Edition" option added to Town Car Signature Series).

April 8, 1994

vincode\vin94-5a

5

V. 1994 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>
U15	Bronco	XL	4x4	Bronco	MPV
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 Bronco or Explorer nameplate:

• SPORT • XLT • Eddie Bauer • LIMITED

<u>Reg. Cab</u>	<u>Super Cab</u>					
R10	/	R14	Ranger	XL	4x2	Pickup-Regular Cab/Super Cab Truck
R11	/	R15	Ranger	XL	4x4	Pickup-Regular Cab/Super Cab Truck

*Memo: One or more 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:

* • XLT • STX • XL SPORT • SPLASH • 4x4

<u>Super Cab (X)</u>						
<u>Regular Cab (F)</u>	<u>or Crew Cab (W)</u>		<u>XL</u>			
*F14	/	X14	F-Series	F150	4x4	Pickup-Reg. Cab/Super Cab Truck or IV
*F15	/	X15	F-Series	F150	4x2	Pickup-Reg. Cab/Super Cab Truck or IV
*F25	/	X25	F-Series	F250	4x2	Pickup-Reg. Cab/Super Cab Truck or IV
*F26	/	X26	F-Series	F250	4x4	Pickup-Reg. Cab/Super Cab Truck or IV
F35	/	X35/W35	F-Series	F350	4x2	Pickup-Reg. Cab/Super Cab/ Truck Crew Cab
F36	/	W36	F-Series	F350	4x4	Pickup - Reg. Cab/Crew Cab Truck
F37	-	-	F-Series	F350	4x2	Regular Cab (Chassis Cab) IV
F38	-	-	F-Series	F350	4x4	Regular Cab (Chassis Cab) IV

Memo: One or more 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.

* • FLARESIDE • XLT • LIGHTNING • 4x4 • Off Road • Turbo Diesel • Eddie Bauer

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

* Revision ("4x4" optional nameplate added to Ranger; with "Personal Use RV Conversion Package" option, certain F-150/250 models may be produced as Incomplete Vehicles; "Off Road"; "Turbo Diesel" and "Eddie Bauer" optional nameplates added to F-Series).

V. (Cont'd) 1994 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>
U42	Navajo	DX	4x2	2-Door	MPV
U44	Navajo	DX	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

<u>Regular Cab</u>	<u>Super Cab</u>					
R12	R16	B-Series	Base	4x2	Pickup-Regular Cab/Super Cab	Truck
R13	R17	B-Series	Base	4x4	Pickup-Regular Cab/Super Cab	Truck

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

* • SE • LE • B2300 • B3000 V6 • B4000 V6 • 4x4

<u>VIN CODE</u>	<u>Line</u>	<u>Series</u>	<u>Chassis Type</u>	<u>Cab or Body Type</u>	<u>Vehicle Type</u>
-----------------	-------------	---------------	---------------------	-------------------------	---------------------

MAKE - MERCURY

V11	Villager	GS	4x2	Wagon	MPV
V14	Villager	GS	4x2	Cargo Van	Truck or IV

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

• LS • NAUTICA

MAKE - NISSAN

N11	Quest	XE	4x2	Wagon	MPV
N14	Quest	XE	4x2	Cargo Van	Truck or IV

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

• GXE

* Revision ("4x4" optional nameplate added to B-Series).

vincode\vin94-8a

April 8, 1994

7

VII. 1994 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: 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	<u>Displacement^{a/}</u> <u>Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Mfgr.</u>	<u>Memo: Net Brake H.P.</u>
<u>PASSENGER CAR</u>						
*H	1.3 EFI	81	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	112	I-4	Gasoline	Mazda	127
J	1.9 EFI	113	I-4	Gasoline	Ford	88
*A	2.0 EFI-DOHC	122	I-4	Gasoline	Mazda	114-118
*X	2.3 HSC EFI	141	I-4	Gasoline	Ford	96
B	2.5 EFI-DOHC	152	V-6	Gasoline	Mazda	160-164
U	3.0 EFI	182	V-6	Gasoline	Ford	130-140
Y	3.0 EFI SHO-DOHC	182	V-6	Gasoline	Yamaha	220
1	3.0 EFI-FFV	182	V-6	Gasoline-FFV	Ford	130-145
P	3.2 EFI SHO-DOHC	195	V-6	Gasoline	Yamaha	220
4	3.8 EFI	232	V-6	Gasoline	Ford	140-160
R	3.8 EFI SC	232	V-6	Gasoline	Ford	230
W	4.6 EFI	281	V-8	Gasoline	Ford	190-210
V	4.6 EFI DOHC	281	V-8	Gasoline	Ford	280
T	5.0 EFI HO ^{b/}	302	V-8	Gasoline	Ford	215
*D	5.0 EFI SHP ^{c/}	302	V-8	Gasoline	Ford	240

DELETE ENGINE (applicable to all above groups)

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" and "TURBO" mean Turbocharged; "SHO" means Super High Output; "SC" means Supercharged; "EFI" means Electronic Fuel Injection; "DOHC" means Double Overhead Camshaft; "HO" means High Output; "TP" means Twin Plug; "FFV" means Flexible Fuel Vehicle; "SHP" means Super High Performance. "HP" means High Performance. "IDI" means Indirect Injection. "DI" means Direct Injection.

b/ Engine used only for Mustang (except Mustang Cobra) and differs from "D" code engine.

c/ Engine used only for Mustang Cobra and differs from "T" code engine.

* Revision (CID measurements revised as noted to show the actual English Unit Measurement; HP value for 5.0L EFI SHP revised).

VII. 1994 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

Engine Type - Displacement, Cylinders, Fuel Type,
Manufacturer, and Horsepower (H.P.) Ratings
(VIN Position 8)

VIN CODE	<u>Displacement^{a/}</u> <u>Litre</u>	<u>CID</u>	<u>Cylinders</u>	<u>Fuel</u>	<u>Mfgr.</u>	Memo: Net <u>Brake H.P.</u>
<u>LIGHT TRUCK/MPV (with GVW Ratings of 11,000 pounds or less)</u>						
A	2.3 EFI	140	I-4	Gasoline	Ford	98
U	3.0 EFI	182	V-6	Gasoline	Ford	135-140
W	3.0 EFI	182	V-6	Gasoline	Nissan	151
X	4.0 EFI	241	V-6	Gasoline	Ford	155-160
9	4.9 EFI G-LPG	300	I-6	Gasoline ^{b/}	Ford	145-150
Y	4.9 EFI	300	I-6	Gasoline	Ford	145-150
*Z	4.9 EFI GFP ^{c/}	300	I-6	Gasoline ^{c/}	Ford	145-150
N	5.0 EFI	302	V-8	Gasoline	Ford	195-205
H	5.8 EFI	351	V-8	Gasoline	Ford	210
R	5.8 EFI-HP	351	V-8	Gasoline	Ford	240
M	7.3 D	445	V-8	Diesel	Navistar	165-185
K	7.3 D-TURBO-IDI	445	V-8	Diesel	Navistar	190
F	7.3 D-TURBO-DI	445	V-8	Diesel	Navistar	200-210
G	7.5 EFI	460	V-8	Gasoline	Ford	245-255

<u>LIGHT/MEDIUM/HEAVY TRUCK (with GVW Ratings over 11,000 pounds)</u>						Memo: Gross <u>H.P. Range</u>
<u>Gasoline/LPG</u>						
J	7.0 EFI	429	V-8	Gasoline	Ford	216-236
8	7.0 EFI-LPG	429	V-8	LPG	Ford	218
G	7.5 EFI	460	V-8	Gasoline	Ford	265-290

<u>Diesel</u>			<u>Basic Model No.</u>			
C	5.9	359	I-6	FD-1060	Cummins	160-230
P	6.6	403	I-6	Turbo	Ford	165-185
M	7.3	445	V-8	7.3L	Navistar	170-190
K	7.3	445	V-8	7.3L Turbo-IDI	Navistar	190-200
F	7.3	445	V-8	7.3L Turbo-DI	Navistar	205-215
A	7.8	474	I-6	Turbo	Ford	190-270
E	8.3	504	I-6	FD-1460	Cummins	210-300
L	10.0	611	I-6	L-10	Cummins	260-330
S	10.0	611	I-6	3176	Caterpillar	275-350
T	10.5	638	I-6	3306	Caterpillar	285-305
V	10.8	661	I-6	M11	Cummins	280-370
B	11.1	677	I-6	DDC-60	Det. Diesel	285-365
D	12.7	775	I-6	DDC-60	Det. Diesel	365-470
R	14.0	855	I-6	N14	Cummins	310-460
U	14.0	855	I-6	N14E	Cummins	310-460
X	14.6	893	I-6	3406	Caterpillar	300-475
W	14.6	893	I-6	3406E	Caterpillar	300-475

DELETE ENGINE (applicable to all above groups)

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

a/ See Page 10 for information.

b/ Engine suitable for LPG conversion. Leaves Ford Assy. Plant as a gasoline engine.

c/ "GFP" means Gaseous Fuel Prep. "Gaseous Fuel" includes Natural Gas and Liquified Petroleum Gas (Propane). Leaves Ford Assy. plant as a gasoline engine but suitable for aftermarket conversion.

* Revision (New 4.9L Gaseous Fuel Prep engine option added).

10