

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-206
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
1.6 AP	98 (1.6)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
1.6 AP	0.39	4.2	0.7

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles", amended June 26, 1980.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.


BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 5th day of August, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-206 Page 1

Engine Family 1.6 AP Evaporative Family CM

ABBREVIATIONS Engine CID (Liters) 98 (1.6)

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DI-Diesel Injection
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

<u>Vehicle Models</u>	<u>Body Type</u>	<u>Code</u>
Escort, Escort L, Escort GL, Escort GLX, Escort SS	3 door Station Wagon	61D 74D
Lynx, Lynx GL, Lynx GS, Lynx LS, Lynx RS	3 door Station Wagon	61D 74D

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Motor Company Page 2

Engine Family 1.6 AP Engine Code -

ECS (Special Features) AIP,EGR,TWC CID (Liter)-Type 98(1.6)-I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-04A-ROON (w/o AC) 1-04A-R12N**	Escort 61D 74D	A-3	2500 2625	E1EE-12127 JA or JB*	E1EE-9510- MA (w/PS) ZA (w/o PS)	E1EE-9D448- BB	DKK
1-04W-ROON (w/o AC) 1-04W-R10N**	Lynx 61D 74D		2500 2625				E1EE-9510- PA (w/PS) ACA (w/o PS)
1-04C-ROOA (w/AC) 1-04C-R10A***	Escort 61D 74D		2500 2625		E1EE-9510- AAA		DLU
1-04X-ROOA (w/AC) 1-04X-R10A***	Lynx 61D 74D		2625, 2500		E1EE-9510- ADA		DLW**
							DKM
							DLH***
							DLV
							DLX***

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

PS: Power Steering

Date of Issue - 8-5-80

**8-14-80 RC# 1.6-6 (add CWM,VCS,HIC)

***8-14-80 " " 7 (add CWM,VCS)

+11-4-80 Revision(add alt dist)

2-9-81 Correct errata

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel
 Manufacturer Ford Motor Company Page 3
 Engine Family 1.6 AP Engine Code -
 ECS (Special Features) AIP,EGR,TWC CID (Liter)-Type 98(1.6)-I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-03A-RO1N (w/o AC) -R12N+	Escort 61D 74D	M-4	2375 2500	E1EE-12127- AC or AE**	E1EE-9510- AAA	E1EE-9D448- RA	DKG
E1EE-9510- ARA***					DVX*** DXR++		
1-03W-ROON (w/o AC) -R10N***	Lynx 61D 74D		2375 2500		E1EE-9510- ADA		DLS
					E1EE-9510- AUA***		DLS***
1-03C-RO1A (w/AC) -R12A+					E1EE-9510- TA		DKH
					E1EE-9510- ASA***		DRK*** DXR++
1-03X-ROOA (w/AC) -R10A***					E1EE-9510- LA		DLT
					E1EE-9510- ATA***		DLT***

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

PS: Power Steering

Date of Issue 8-5-80

**11-4-80 Revision(add alt distr)

***11-25-80 RC# 1.6-18(rev carb)

+2-18-81 " " -36(repl AI VDV)

++3-6-81 " " -37(rev AI VDV and timing)

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel
 Manufacturer Ford Motor Company Page 4
 Engine Family 1.6 AP Engine Code -
 ECS (Special Features) AIP, EGR, TWC CID (Liter)-Type 98(1.6) - I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-04C-R13A (w/AC) -R14A**	Escort 61D 74D	A-3	2500 2625	E1EE-12127- JA or JB	E1EE-9510- NA	E1EE-9D448- BB	DXW DXH**
1-04C-R13N (w/o AC) -R14N**	Lynx 61D 74D		2500 2625		E1EE-9510- ZA (w/PS) MA or NA (w/o PS)		DXX DXJ**

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

PS: Power Steering

Date of Issue -1-22-81 RC# 1.6-33(rev dist vac & VOTM id spd)
 **2-9-81 " " -29(increase curb id sp)