E O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-242
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1983 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
DFM1.6V5HMCO	98 (1.6)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.22	2.0	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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."

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 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 8th day of October, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company

Executive Order No. A-1D-242

Engine Family DFM1.6V5HMC0

Evaporative Family 3HM

Engine CID (Liters) 98 (1.6L)

BREVIATIONS

nition System	Exhaust Emissions Control System	Special Features
,--Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
:C-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
:-Electronic Ignition	CL-Closed Loop	DID-Diesel Injection-Direct
; AC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection Prechamber
\-Vacuum Advance	EM-Engine Modification	
R-Vacuum Retard	OC-Oxidation Catalyst System	
	TR-Thermal Reactor	
	TWC-Three Way Catalyst System	

uel System

FI, CL, DID, DIP, EFI, MFI
V-nVenturi Carburetor
V-- 'able Venture

MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
Ford		
EXP	3-Door	67D EXP
Escort	3-Door	61D Escort, Escort L, Escort GL Escort GLX, Escort GT
Escort	5-Door	58D Escort, Escort L, Escort GL Escort GLX
Escort	Station Wagon	74 D Escort, Escort L, Escort GL Escort GLX
Mercury		
LN-7	3-Door	67D LN-7
Lynx	3-Door	61D Lynx L, Lynx GS, Lynx LS, Lynx RS
Lynx	5-Door	58D Lynx L, Lynx GS, Lynx LS,
x	Station Wagon	74D Lynx L, Lynx GS, Lynx LS,

Engine Family D1.6VMC

Issue Date	9-28-82								
Revised									

16.03.01

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ___ Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-10-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Features) EGS/EGR/AIV/TWC/EFI

Engine Code	Vehicle Models (Non-A/C Dyno Hp) @	M-5 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-03A-R05A*	Esct-61D Esct-58D Esct-74D EXP-67D (5.9) Lynx-61D Lynx-58D Lynx-74D LN7-67D (5.5)	M360B	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EF-9D475-BA	E3AE-9C48 DRS
3-03A-R05N	Esct-61D Lynx-61D		2375				
	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2500				

Comments: See page one for abbreviations and evaporative emission family identification. If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning
@All 6.3 HP unless specified

Date of Issue:
Revisions: DRIVE SYSTEM: Front Engine/Front Wheel Drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ___ Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-1D-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Festures) EGS/EGR/AIV/TWC/EFI

Engine Code	Vehicle Models (Non-A/C Dyno Hp) @	A-3 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-04A-R01A*	Esct-61D Lynx-61D	AT-019	2500	E3GF-12A650-EA	E3EE-9H487-NA	E3EE-9D475-BA	E3AE-9C48 DPU
	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2625				
3-04C-R01N	Esct-61D Esct-58D Lynx-58D EXP-67D (5.9) Lynx-61D		2500				
	Esct-74D Lynx-74D LN7-67D (5.5)		2625				

Comments: See page one for abbreviations and evaporative emission family identification. If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning
@All 6.3HP unless specified

Date of Issue:
Revisions: DRIVE SYSTEM: Front Engine/Front Wheel Drive

Passenger Cars ___ Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-10-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Festures) EGS/EGR/AIV/TWC/EFI

Engine Code	Vehicle Models (Non-A/C Dyno Hp) @	A-3 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-04A-R10A*	Esct-61D Lynx-61D	AT-019	2500	E3GF-12A650-EA	E3EE-9H487-NA	E3EE-9D475-BA	E3AE-9C485--EAF
	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2625				
3-04A-R10N	Esct-61D Esct-58D Lynx-58D EXP-67D (5.9) Lynx-61D		2500				
	Esct-74D Lynx-74D LN7-67D (5.5)		2625				

Comments: See page one for abbreviations and evaporative emission family identification. If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning
@All 6.3HP unless specified

Date of Issue: R/C 1.6-38 ; 2-3-83
Revisions: DRIVE SYSTEM: Front Engine/Front Wheel Drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars x Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-10-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Features) EGS/EGR/AIV/TWC/EFI

Engine Code	Vehicle Models (Non-A/C Dyno Hp) @	M-5 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-03A-R12A	Esct-61D Esct-58D Esct-74D EXP-67D (5.9) Lynx-61D Lynx-58D Lynx-74D LN7-67D (5.5)	M360B	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EE-9D475-BA	E3AE-9C485-DYG
	Esct-61D Lynx-61D		2375				
3-03A-R12N	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2500				

Comments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning
@All 6.3 HP unless specified

Date of Issue: R/C 1.6-44 ; 12-23-82

Remarks: DRIVE SYSTEM: Front Engine/Front Wheel Drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page No. 6

Passenger Cars ___ Light Duty Trucks x Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A -10-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Features) EGS/EGR/AIV/TWC/EFI

ngine Code	Vehicle Models (Non-A/C Dyno Hp)@	M-5 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
3-03A-R11A	Esct-61D Esct-58D Esct-74D EXP-67D (5.9) Lynx-61D Lynx-58D Lynx-74D LN7-67D (5.5)	M360B	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EE-9D475-BA	E3AE-9C485-EAZ
	Esct-61D Lynx-61D		2375				
3-03A-R11	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2500				

mments: See page one for abbreviations and evaporative emission family identification.
If two test weights are listed, the lower weight will be used for testing.

*With Air Conditioning
@All 6.3 HP unless specified

te of Issue: R/C 1.6-39 ; 12-23-82
ions: DRIVE SYSTEM: Front Engine/Front Wheel Drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

(ssenger Cars x Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A -10-242

Engine Family DFM1.6V5HMCO CID (Liter) - Type 98 (1.6)-I4

ECS (Special Features) EGS/EGR/AIV/TWC/EFI

ngine Code	Vehicle Models (Non-A/C Dyno Hp) @	M-5 Trans.	Equiv Test Weight	EEC Ign. System Part No.	EFI Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No
3-03A-R13A*	Esct-61D Esct-58D Esct-74D EXP-67D (5.9) Lynx-61D Lynx-58D Lynx-74D LN7-67D (5.5)	M360B	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EE-9D475-BA	E3AE-9C485-DRS
3-03A-13	Esct-61D Lynx-61D		2375				
	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2500				

Comments:

*With Air Conditioning
@All 6.3 HP unless specified

R/C 1.6-47 1-13-83

Dat e Issue:
Re ons: DRIVE SYSTEM: Front Engine/Front Wheel Drive