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

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	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

\_\_ day of October, 1982.

K. D. Drachand, Chief Mobile Source Control Division

Manufacturer Ford Motor Company

Executive Order No. A-10-242

Engine Family DFM1.6V5HMC0 Evaporative Family

Engine CID (Liters) 98 (1.6L)

BREVIA	T	[ONS
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# nition System

Exhaust Emissions Control System

Special Features

3HM

.--Centrifugal Advance C-Electronic Engine Control :-Electronic Ignition ; AC-Electronic Spark Advance Control 1-Vacuum Advance R-Vacuum Retard

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

CCV-Combustion Chamber Valve CFI-Central Fuel injection DID-Diesel Injectin-Direct DIP-Diesel Injection Prechamber

Page 1

uel System

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

MFI-Mechanical Fuel Injection TC-Turbocharged

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Vehicle	Line

Body Type (Cab Style)

Body Code (Wheelbase)

Ford

EXP

Escort

3-Door

67D EXP

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 &

Escort GLX

Mercury

LN-7

3-Door

67D LN-7

Lynx

3-Door

61D Lynx L, Lynx GS, Lynx LS,

Lynx 5-Door Lynx RS

Station Wagon

58D Lynx L, Lynx GS, Lynx LS, 74D Lynx L, Lynx GS, Lynx LS,

D1.6VMC Engine Family

Issue Date 9-28-82

Pag	ح	2

Passenger Cars	Light Duty Trucks	Medium Duty V	ehicles	x Gas	Diesel
Manufacturer	Ford Motor Company	E.O. #A	-10-242	2	
Engine Family D	FM1.6V5HMCO	CID (Liter) - Type	98 (1.6)	-14	
ECS (Special Fe	etures) 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)	м360в	2500	E3GF-12A650-BA	ЕЗЕЕ-9Н487-РА	E3EF-9D475- BA	E3AE-9C <b>48</b> DRS
3-03A- R0 <b>5N</b>	Esct-61D Lynx-61D Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2375 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

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Page 3

•	Tassenger 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)-14	
	ECS (Special Fe	estures) EGS/EGR/AIV/TWC	/EFI	

ngine 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-E/	E3EE-9H487-NA	E3EU-9D475- BA	E3AE-9C <b>48</b> DPU
÷	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)						
	   Sct-61D   Esct-58D   Lynx-58D   EXP-67D (5.9)   Lynx-61D		2500		,		
	Esct-74D Lynx-74D LN7-67D (5.5)		2625			·	
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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

of Issue:

Page No. 4

Passenger Cars	Light Duty Trucks	Medium Duty Vehicles x Gas	Diese
Manufacturer	Ford Motor Company	E.O. #A-10-242	
Engine Family _	DFM1.6V5HMCO	CID (Liter) - Type 98 (1.6)-14	
ECS (Special Fe	estures) EGS/EGR/AIV/TWO	:/EFI	

ingine 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.
	Esct-61D Lynx-61D	AT-019	2500	E3GF-12A650-E4	E3EE-9H487-NA	E3EE-9D475- BA	<b>E3AE-</b> 9C485- -EAF
	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2625				
	Esct-61D Esct-58D Lynx-58D EXP-67D (5.9) Lynx-61D		2500				
RION	Esct-74D Lynx-74D LN7-67D (5.5)		2625				
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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

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Page No. 5

Passenger Cars	x Light Duty Trucks	Medium Duty V	ehicles	× Gas	Diesel
Manufacturer	Ford Motor Company	E.O. #A	-10-2	42	
Engine Family DFM1.6V5HMCO		_CID (Liter) - Type	98 (1.6)-	-14	
ECS (Special Fe	atures) EGS/EGR/AIV/TWC/	EFI	·froudrigno		

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- R12A	Esct-61D Esct-58D Esct-74D EXP-67D (5.9) Lynx-61D Lynx-58D Lynx-74D LN7-67D (5.5)	м360в	2500	B3GF-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				·
						-	

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 GAll 6.3 HP unless specified

ate of Issue:

R/c 1.6-44 ; 12-23-82

### LOU HAR RESOURCES BUARD SUPPLEMENTAL DATA SHEET

Page No. 6

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

Manufacturer

Ford Motor Company

E.O. #A - 10-242

Engine Family DFM1.6V5HMCO

CID (Liter) - Type 98 (1.6)-14

ECS (Special Fe atures) 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)	м360В	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EE-9D475- BA	E3AE-9C485- EAZ
	Esct-61D Lynx-61D		2375				
3-034	Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		2500				
						•	

See page one for abbreviations and evaporative emission family identification. mments: 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

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## 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page	7
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(_	ssenger Cars	x Light Duty Trucks	Medium Duty V	Vehicles x	_Gas	Diesel
M	anufacturer	· Ford Motor Company	E.O. #A	-10-242		
E	ngine Family	DFM1.6V5HMCO	CID (Liter) - Type	98 (1.6)-14		
· E	CS (Special F	e atures) EGS/EGR/AIV/TWC/E	FI	-		•

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)	м360в	2500	E3GF-12A650-BA	E3EE-9H487-PA	E3EE-9D475- BA	E3AE-9C48 <i>5</i> - DRS
3-03A- 13	Esct-61D Lynx-61D Esct-58D Esct-74D Lynx-58D Lynx-74D EXP-67D (5.9) LN7-67D (5.5)		<b>2375 2500</b>		•	•	

Comments:

\*With Air Conditioning @All 6.3 HP unless specified

R/C 1.6-47 /-13-83

Date f Issue: