 E.O. Book

Title 13 Tested

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-210
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 1982 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)
CFM1.6V2GKC2	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 emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	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".

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 11th day of February, 1981.

Bob Cross for

K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-210 Page 1

Engine Family CFM1.6V2GKC2 Evaporative Family 2CM

Engine CID (Liters) 98 (1.6)

ABBREVIATIONS

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

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

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
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber

MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Models	Body Type	Code
Ford		
EXP	3-door	67D
Escort, Escort L, GL, GLX, SS	3-door	61D
	5-door	58D
	Station Wagon	74D
Mercury		
LN-7	3-door	67D
Lynx, Lynx GL, GS, RS	Station Wagon	74D
Lynx, Lynx GL, GS, LS, RS	3-door	61D
	5-door	58D

DRIVE SYSTEM: Front Wheel Drive

Revised: 7-13-81

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1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A-10-210

Engine Family CFM1.6V2GKC2 CID (liter) - Type 98 (1.6) - I4

ECS (Special Features) AIP, EGR, TWC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. E2AE-9C485- Part No.
1-04S-R00A (w/AC)	EXP* 67D LN-7* 67D	A-3	2625	E1EE-12127-KA	E1EE-9510-NA or E1GE-9510-EA	E2GE-9D448-EA	AAH
-R01A**				E1EE-12127-JB**			ADH**
-R10A+							AHR+
	EXP* 58D LN-7* 58D						
1-04S-R00N (w/o AC)	EXP* 67D LN-7* 67D		*** 2625 2625, 2500 ¢	E1EE-12127-KA	E1EE-9510-ZA (w/o PS) NA (w/PS) or E1GE-9510-EA (w/PS)		AAJ
-R01N**				E1EE-12127-JB**			ADJ**
-R10N+							AHS+
	EXP* 58D LN-7* 58D		2500				
1-03S-R00A (w/AC)	EXP* 67D LN-7* 67D	M-4	2500	E1EE-12127-AB or AC or AE	E1GE-9510-CA	E1EE-9D448-RA	AAF
-R11A++							AKD++
1-03S-R00N (w/o AC)							AAG
-R11N++							AKE++

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 -2-11-81

Revisions: **2-27-81 RC# 1.6-1(rev distr. & timing)
***5-5-81 " " -14(rev ETW)
+5-6-81 " " -16(ret ign tim)
++5-19-81 " " -21(add dist VDV)
+++12-23-81 " " -45 (add 5-dr model)
011981 ¢12-24-81 " " -50 (rev ETW)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A-10-210

Engine Family CFM1.6V2GKC2 CID (liter) - Type 98 (1.6) - I4

ECS (Special Features) AIP, EGR, TWC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
2-03C-R00A/N -R11A/N+	Escort*/ 58D Lynx* 74D EXP*/LN-7* 67D	M-4 (3.59) (4.05) **	2500	E2EE-12127-FA	E2EE-9510-JA	E2EE-9D448-RA	See below
2-03C-R00A (w/AC) -R11A+	Escort/ 61D Lynx*						(w/AC) AMD BFV+
2-03C-R00N (w/o AC) -R11N+			2375				(w/o AC) ALZ BFV+
2-03E-R00A/N	58D 74D EXP*/LN-7* 67D	M-4 (4.05)	2500				See below
2-03E-R00A (w/AC)	Escort*/ 61D Lynx*						(w/AC) AMG
2-03E-R00N (w/o AC)			2375				(w/o AC) AML

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.

Date of Issue - 7-13-81 (RC #1.6-5)
Revisions: +12-23-81 RC#1.6-49 (ret tim 4°)
5-6-82 Revise pg. format

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A-10-210

Engine Family CFM1.6V2GKC2 CID (liter) - Type 98 (1.6) - I4

ECS (Special Features) AIP, EGR, TWC

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.
(w/AC) 2-04Q-R00A -R10A -R13A+++ -R14A¢	EXP*/ ***LN-7* 67D Escort*/ Lynx* 74D 58D	A-3	2625	E2EE-12127- EA / GA or PA / RA¢¢	E2EE-9510- PA or AGA+++	E2EE-9D448- LA	(w/AC) ANZ BAU*** BHL¢ BHE¢¢
-R11A¢¢	61D		2500				
(w/o AC) 2-04Q-R00N -R10N*** -R13N+++ -R14N¢ -R11N¢¢	58D EXP* 67D LN-7 67D Escort*/ Lynx*74D		++ 2625		E2EE-9510- NA or AHA+++		(w/o AC) APA BAV*** BHL¢ BHE¢¢

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.

Date of Issue - 7-13-81 (RC #1.6-5)

Revisions: **10-27-81 RC# 1.6-17 (Add cls rat trans; ax rat)
***10-28-81 " " -39 (adv tim 2°)
++12-23-81 " " -50 (rev ETW)
+++12-23-81 " " -53 (add lean carb)
¢¢5-6-82 " " -44 (rev distr, adv tim 4°)
¢5-6-82 " " -60 (ret tim 2°)

011981