State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-214
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 Order 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 vehicles.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
CFM3.8V2HBCO	231 (3.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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

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
0.25	5.5	0.5

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 in El Monte, California, this 29th day of July, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-214 Page 1

Engine Family CFM3.8V2HBCO Evaporative Family 2EQ

Engine CID (Liters) 231 (3.8)

ABBREVIATIONS

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
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

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

Vehicle Model	Body Type	Body Code
Granada L, GL, GLX	2-door	66D
	4-door	54D
	4-door	74D
Cougar GS, LS	2-door	66D
	4-door	54D
Cougar GS, Cougar Villager	4-door	74D
Thunderbird, Thunderbird Town Landau, Thunderbird Heritage	2-door	66D
XR-7	2-door	66D
Lincoln Continental, Lincoln Continental Signature Series, Lincoln Continental Givenchy	4-door	54D

DRIVE SYSTEM: Rear Wheel Drive

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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-10-214

Engine Family CFM3.8V2HBCO CID (liter) - Type 231 (3.8)

ECS (Special Features) AIP, EGR, TWC w/CL

Engine Code	Vehicle Models (If Coded see attachment)		Trans.	Equiv. Test Weight	Ign. System CA, VA EEC Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
2-14N-R00A (w/AC) -R10A**	Granada*	66D 54D	A-3	3375	E2AF-12A651-HA Distributor: E2SE-12127-BA	E2AE-9510-LA or LB or E2DE-9510-SA+ E2AE-9510-LC**	E2DE-9D448-BA	ATV
	Cougar*	66D 54D						
		54D						
2-14N-R00N (w/o AC) -R10N**		66D		3250				
	Granada*	66D						
		54D		3375***				
-R10A** 2-14N-R01A (w/AC)		74D		3500		E2DE-9510-UA+ E2DE-9510-NA E2AE-9510-LC**		
	Cougar*	74D						
2-14N-R01N (w/o AC) -R10N**				3375***				
	Granada*	74D						

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 - 7-22-81
Revisions: **10-13-81 RC#3.8-14 (rev choke)
***11-20-81 " " -14A & 28 (rev ETW)
+4-30-82 Revision (add alt pn)

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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(w/AC) 2-14Q-R01A -R11A**	Thunderbird* 66D *XR-7* 66D	A-4	3625 + 3500	E2AF-12A651-JA Distributor: E2SE-12127-BA	E25E-9510-FA or UA++ E2SE-9510-GB***	E25E-9D448-BA	ATY
(w/o AC) 2-14Q-R01N -R11N**	XR-7* 66D *Thunderbird *66D						
2-14R-R01A -R11A***	Continental* 54D		3875**		E25E-9510-GA or SA++ E2SE-9510-GB***		ATP

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 - 7-22-81

Revisions: **9-2-81 Revision of ETW
***10-13-81 RC# 3.8-14(rev choke)
+12-16-81 " " -38 (rev ETW)
++4-30-82 Revision (add alt pn)