State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-257
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 1984 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
EFM2.8T2HCG1	171	(2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are 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 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.33	5.6	0.7

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 26th day of January, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company

Executive Order No. A-10-257

Engine Family EFM2.8T2HCG1

Evaporative Family 4DM

Engine CID (Liters) 171 (2.8L)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ES AC-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 Injectin-Direct
DIP-Diesel Injection Prechambe

Fuel System

CFI. CL, DID, DIP, EFI, MFI
r[illegible]/enturi Carburetor
V. Variable Venture

MFI-Mechanical Fuel Injection
TC-Turbocharged

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
Ranger 4x2	Reg. Cab.	SWB
Ranger 4x2	Reg. Cab.	LWB
Ranger 4x4	REG. CAB	SWB
Ranger 4x4	REG. CAB	LWB

24/201/1

Engine Family E2.8TCG

Issue Date:	1-5-83
Revised:	

1984 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-10-257

Engine Family EFM2.8T2HCG1 CID (Liter) - Type 171 (2.8): V-6

ECS (Special Features) AIP/EGR/EGS/TWC

Engine Code	Vehicle Models (Non-A/C Dyno Hp)	Trans	Equiv Test Weight	Ign. System EEC-IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No
4-62S-R01 A/N and 4-62S-R10 A/N	Ranger 4x2 (10.0) Ranger 4x4 (11.8) Bronco II (11.0)	C3-026 (A3) C5-049 C5-049	3125 3375 3625	E47F-12A650-EA	E37E-9510-ADA	E37E-9F483-AA	(R01)-AAG (R10)-AAT
4-61S-R00A/N	Ranger 4x2 (10.0) Ranger 4x4 (11.8) Bronco II (11.0)	Y4-396 M4 Y5x396 M5 Y4-396 Y5x396 Y4-396 Y5x396	3000/3125 3250/3375 3500/3625	E47F-12A650-BA	E37E-9510-ABA	E37E-9F483-AA	AAL
4-61S-R10A/N	same as 4-61S-R00A/N	same as R00A/N	same as R00A/N	E47F-12A650-JA	E37E-9510-AEA	E37E-9F483-AA	AEN
4-62S-R14A/N	same as 4-62S-R01A/N	same as R01A/N	same as R01A/N	E47F-12A650-LA	E47E-9510-VA	E37E-9F483-AA	AEM
4-62S-R15A/N	same as 4-62S-R01A/N	same as R01A/N	same as R01A/N	E47F-12A650-LA	E47E-9510-VA	E37E-9F483-AA	ASK

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

Date of Issue:
Revisions:

Engine Family E2.8TCG

Issue Date:	1-5-83			17-4						
Revised	6-6-83	7-15	7-27	10-26						