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 26

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 Jenturi Carburetor Variable Venture

MFI-Mechanical Fuel Injection TC-Turbocharged

Ranger 4x2 Ranger 4x2

Vehicle Line

Ranger 4x4 Ranger 4x4

Body Type (Cab Style)

Reg. Cab. Reg. Cab.

REG. CAB REG. CAB

Body Code (Wheelbase)

SWB LWB SWB

LWB

24/201/

E2.8TCG Engine Family .

1-5-83 Issue Date: Revised:

17-3

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

,	Passenger Cars Yanufacturer Engine Family	Ford Motor	CG1	E. 0	. #A <u>-/0- 25</u>	7	Diesel
1	3CS (Special Festur	es) 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	Label Ident Part No
4-62 \$ - R01 A/N and 4-62 \$ - R10 A/N	Ranger 4x2 (10.0) Ranger 4x4 (11.8) Bronco II (11.0)	C3-026 (A3) C5-049	3125 3375 3625	E47F-12A650- EA	E37E-9510- ADA	E37E-9F483- AA	(R01)- AAG (R10)- AAT
4-615- ROO_^/N	Ranger 4x2 (10.0) Ranger 4x4 (11.8) Bronco II (11.0)	Y4-396 Y5x396 Y4-396 Y5x396 Y4-396 Y5x396	3000/ 3000/ 3125 3250/ 3375 3500/ 3625	E47F-12A650- BA	E37E-9510- ABA	E37E-9F483- AA	AAL
4-61S- R10A/N	same as 4-61S- ROOA/N	same as ROOA/N	same as ROOA/N	E47F-12A650- JA	E37E-9510- AEA	E37E-9F483- AA	AEN

E47F-12A650 E47E-9510- E37E-9F48 AEM

AA

AA

E37E-9F483 ASK

VA

E47F-12A650 E47E-9510

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.

-LA

ROLA/N

ROLA/N

same as

*With Air Conditioning

same as 4-62S- same as same as

RO1A/N

R01A/N

same as 4-62S-

RO1A/N

same as

ROLA/N

e of Issue:

4-62S-

R14A/N

4-62S-

R15A/N

Engine Family E2.8TCG

Issue Date: 1-5-83	17-4	
Revised 6_6_00 7-15	7-27 10-26	