State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-291-1 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 1986 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)		
GFM2.8T2HKG1	171	(2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop		

Vehicle models, transmissions and engine codes are listed on attachments.

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

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	
4000-5999	0.50	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	0.21	2.1	0.6	
4000-5999	0.14	2.0	0.6	

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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.

This Executive Order supersedes Executive Order A-10-291, dated February 28, 1985.

Executed at El Monte, California this 20 day of November, 1985.

K. D. Drachand, Chief Mobile Source Division

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Manufacturer	Ford Motor Company	Executive Order No.	A-10-291-1
Engine Family _	GFM2.8T2HKG1	Evaporative Family _	6DM
-		Engine CID (Liters)	171 (2.8)

ABBREVIATIONS

Ignition System

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

Fuel System

CFI, CL, DID, DIP, EFI, MFI

nV-nVenturi Carburetor

'V-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump AIV-Air Injection-Valve CL-Closed Loop EGR-Exhaust Gas Recirculation EM-Engine Hodification OC-Oxidation Catalyst System TOC-Trap Oxidizer Continual TOP-Trap Oxidizer Periodical TR-Thermal Reactor TNC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Val CFI-Central Fuel Injection DID-Diesel Injection-Direct DIP-Diesel Injection-Prechamber EFI-Electronic Fue? Injection IC - Intercooler MFI-Mechanical Fuel Injection

TC-Turbocharged

VEHICLE MODELS:

AEROSTAR VAN SWB

AEROSTAR BUS SWB

Issue Date:		17-	3		
Engine Family		G2.8TKG		_	
CALVE SYSTEME	FRONT	Engine/	REAR	:/hee1	Drive

Manufacturer For			У	Engine		
• •			/0C/CL	CID (Liter)-	2.81	
Vehicle Models (If Coded see attachment)	Trans. M/T M50D	Equiv. Test Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System -9510- Part No	EGR Valve -9F483- Part No.	- Label Ident Part
AEROSTAR BUS-SWB VAN-SWB	¥5	3750 3500 3375	E57F-JB	E59E-AA	E5TE-EA	AAA
BUS-SWB VAN-SWB		3875 3750 3500 3375	E57F-JB	E59E-AA	E5TE-EA	AAA
: BUS-SWB VAN-SWB	A4X- 004	3875 3750 3375	E57F-RA	E59E-AA	E5TE-EA	AAB
EUS-SWB VAN-SWB	,	3875 3750 3500	E57F-RA	E59E-AA	E5TE-EA	AAB
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G2.8TKG

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Revised

4-16-85

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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