(Page 1 of 2)

### 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	Displa	cement	Exhaust Emission Control Systems		
	Cubic Inche	es (Liters)	(Special Features)		
GFM2.8T2HKG1	171 (2.8)		Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Lo		

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 <u>Grams per Mile</u>	Nitrogen Oxides Grams per Mile	
0-3999	0.21	2.1	0.6	
4000-5999		2.0	0.6	

FORD MOTOR COMPANY

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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 20th day of November, 1985.

K. D. Drachand, Chief Mobile Source Division

# 1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

# ABBREVIATIONS

Ignition System .	Exhaust Emissions Control System	Special Features	
CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance VR-Vacuum Retard Fuel System EFI, CL, DID, DIP, EFI, HFI nV-nVenturi Carburetor 'V-Variable Venturi	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 TWC-Three-Way Catalyst System	CCV-Combustion Chamber Val CFI-Central Fuel Injection DID-Diesel Injection- Direct DIP-Diesel Injection- Prechamber EFI-Electronic Fuel Injection IC - Intercooler MFI-Mechanical Fuel Injection TC-Turbocharged	

VEHICLE MODELS:

Issue Date:

AEROSTAR	VAN	SWB
AEROSTAR	BUS	SWB

LETTE SYSTEM:	FRONT	Engine/	REAR	Wheel Drive	
Engine Family		G2.8TKG		_	

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	1986	AIR RESOU	IRCES BOA	AD SUPPLEMENT		10-291	• 
 Manul	lacturer Fo:	rd Motor	Compan	Medium-Da	Page Engir	) 2	Diese
	e Family <u>G</u> Special Features			/OC/CL	Code CID (Liter)- Type _	2.8L	
Engine Code	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 N
-61T- ROON	AEROSTAR BUS-SWB VAN-SWB	¥5 (3.96)	: 3750 3500 3375	E57F-JB	E59E-AA	ESTE-EA	ААА

5-61T- ROON	BUS-SWB VAN-SWB	(3.96)	3750 3500 3375		£JJ£- <b>R</b> A	EJIE-ER	AAA
5-61T- R00A	BUS-SWB VAN-SWB		3875 3750 3500 3375	E57F-JB	E59E-AA	E5TE-EA	AAA
5-62T- ROON	BUS-SWB VAN-SWB	A4X- 004	3875 3750 3375	E57F-RA	 Е59е-аа	e5țe-ea	AAB
5-62T- ROOA	EUS-SWB VAN-SWB		3875 3750 3500	E57F-RA	е59е-аа	e5te-ea	AAB
			-				ð

Corrents: See page one for abbreviations and evaporative emission family identification. Please refer to ranufacturer's HP list for correct dyno test HP settings tased on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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\*Add 101 to dyno test HP for air conditioning usage.

gre of Issue -

 Engine Family
 G2.8TKG

 Issue Date
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