State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-303 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 and medium-duty vehicles:

Engine Family	Displace Cubic Inches		Exhaust Emission Control Systems (Special Features)
GFM5.OT5FBC1	302	(5.0)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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
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
4000-5999	0.30	8.8	0.6

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.

Executed at E1 Monte, California this 26th day of July 1985

K. D. Drachand, Chief Mobile Source Division

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Manufacturer Ford Motor Company	Executive Order No. A-10-303
Engine Family GFM5.0T5FBC1 (G5.0TBC)	Evaporative Family 6HM
	Engine CID (Liters) 302 (5.0L)

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
V-nVenturi Carburetor
Variable Venturi

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
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
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 EFI-Electronic Fue 1 Injection IC - Intercooler MFI-Mechanical Fuel Injection TC-Turbocharged

VEHICLE MODELS:

E150 4x2
Regular Van (SWB, LWB)
Super Van (LWB)
Club Wagon (LWB)

E250 4x2
Regular Van (LWB)
Super Van (LWB)

Drive System: front engine/rear-wheel drive

Engine Family G5.0TBC

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Issue Date: JUL 1	5 1985		
Revised:			

E.O. #A-10-303

X Gas

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Madium-Duty Vahicles

V. Links Busy Trucks

Engir	facturer Ford Mo	5FBC1 (G	5.OTBC)	NET'	Page Engin Code CID (Liter)-		N
Engine Code	Special Features) Vehicle Models (If Coded see attachment)		Equiv. Test Weight	Ign. System EEC IV Part No.	Fuel System EFI Part No.	EGR Valve Sonic Part No.	Label Ident. Part N
6-54T ROOA/N	E150 4x2 RVS RVL SVL CWL	AOX064 (L4)	4250/ 4500* 4500/ 4750* 4750/ 5000* 5000/ 5250*	E6TF-JA	E5TE-AB/BB	Е6ТЕ-ВА	•
	E250 4x2 RVL SVL		5000 5250				

* with air conditioning

Engine Family G5.0TBC

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X Gas

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Light-Duty Trucks

Medium-Duty Vehicles

Manus	facturer Ford Mo	tor Comp	any		Page Engine	3	·
	GFM5.0T (Special Features)	•		EFI)	Code CID (Liter)- Type	6-54T ROOA/ 302 (5.0L) V8	<u>'N</u>
Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC IV Part No.	Fuel System EFI Part No.	EGR Valve Sonic Part No.	Label Ident. Part No.
-54T ROOA/N	4x2 RVS RVL SVL CWL E250 4x2 RVL SVL	AOX064 (L4)	4250/ 4500* 4500/ 4750* 4750/ *5000* 5250* 5000 5250 4250/ 4500* 4500/ 4750* 4750/ *5000* 5250*	E6TF-JB/JC	E5TE-AB/BB	Е6ТЕ-ВА	AFY

Corments: 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.

[#] R/C 5.0-124

Engine Family _	_G5.0TBC 2_			
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Issue Date: JUL 1 5 1985

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^{*} with air conditioning