State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-301
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	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
GFM5.0T5HAG9	302	(5.0)	Air Injection - Pump 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	0.31	3.2	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 El Monte, California this 29th day of July, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: Ford Motor Company

Executive Order No.: A-10-301

Engine Family: GFM5.0T5HAG9

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
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 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 Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

F-150 4x2

Regular Cab (SWB/LWB)
Super cab (SWB/LWB)

F-250 4x2

Regular Cab (LWB)

F-150 4x4

Regular Cab (SWB/LWB)
Super Cab (LWB)

F-250 4x4

Regular Cab (LWB)

Bronco 4x4 (STD)

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive

Engine Family: G5.0TAG

Issue Date:	[illegible] 1985
Revised:	

E.O. #A-10-301

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

_ Passenger Cars X Light-Duty Trucks X Medium-Duty Vehicles X Gas _ Diese

Manufacturer Ford Motor Company Page 2

Engine Family GFM5.0T5HAG9 Engine Code 6-54S-ROOA/N

ECS (Special Features) AIP/EGR/TWC/OC/CL/EFI CID (Liter)-Type 302 (5.0L)

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans. A/T	Equiv. Test Weight	Ign. System -12A650- EEC-IV Part No.	Fuel System -9C968- EFI Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No.
6-54S-R00A/N	F-150 4x4			E6TF-YA	E5AE-AA	E6TE-BA	AEC
	RCS	AOX-064	4250 4500				
		AOX-067	4250 4500				
	RCL	AOX-064	4500				
		AOX-067	4500				
	SCL	AOX-064	4750 5000				
		AOX-067	4750 5000				
	F-250 4x4 RCL	AOX-067	4750				
	Bronco 4x4	AOX-064	4750 5000				
		AOX-067	4750 5000				

Comments: 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.

Add 10% to dyno test HP for air conditioning usage.

Cal Engine Family G5.0TAG

Issue Date: JUL 9 1985

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1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

__ Passenger Cars X Light-Duty Trucks X Medium-Duty Vehicles X Gas __ Diese

Manufacturer: Ford Motor Company — Page: 3

Engine Family: GFM5.0T5HAG9 — Engine Code: 6-54Q-ROOA/N

ECS (Special Features): AIP/EGR/TWC/OC/CL/EFI — CID (Liter)-Type: 302 (5.0L)

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans. A/T	Equiv. Test Weight	Ign. System -12A650- EEC-IV Part No.	Fuel System -9C968- EFI Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No.
6-54Q-R00A/N							
	F-150 4x2			E6TF-TA	E5AE-AA	E6TE-BA	AEC
	RCS	AOX-064	4000				
	RCL		4000				
	SCS		4500				
	SCL		4500				
	SCL		4750				
	F-250 4x2						
	RCL	AOX-064	4500				
	RCL	AOX-067	4500				

Comments: 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.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -

Engine Family: G5.0TAG

Issue Date:	JUL 9 1985
Revised:	

17.00.00-4

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