Kept for reviews
See A-10-279-1

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-279
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 1985 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)
FFM5.8T2HGG1	302/351 (5.0/5.8)	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 certification 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
4000-5999	0.50	9.0	1.0

The following are the certification emission values for the above engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.19	2.6	0.8

SUPERSEDED

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 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 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

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 June 1984

K. D. Drachand, Chief
Mobile Source Division

SUPERSEDED

Manufacturer Ford Motor Company Executive Order No. A-10-279

Engine Family FFM5.8T2HGG1 (F5.0/5.8TGG) Evaporative Family 5DM, 5DQ

Engine CID (Liters) 302/351 (5.0/5.8)

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 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:

F150 4x2
Regular Cab (SWB, LWB)
Super Cab (SWB, LWB)

F150 4x4
Regular Cab (SWB, LWB)
Super Cab (LWB)

F250 4x2
Regular Cab (LWB)

F250 4x4
Regular Cab (LWB)

Bronco 4x4
Standard

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 F5.0/5.8TGG

Issue Date	JUN 11 1984										
Revised											

SUPERSEDED

E.O. #A-10-279

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Page 2A

Engine Family FFM5.8T2HGG1 (F5.0/5.8TGG)

Engine Code 4-54R R12B

CID (Liter)- 302 (5.0)

ECS (Special Features) AIP, CL, EGR, OC, TWC

Type V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part N
4-54R R12B	F150	AOX051		E43F-ZA	E5TE-YA	E3TE-CA	CCD
	4x2 RCS	(L4)	4000				
	RCL		4250				
	SCS		4500				
	SCL						
	F250						
	4x2 RCL						
	E150						
	4x2 RVS		4250				
	RVL		4750				
	SVL		5000				
	CWL		5250				
	E250						
	4x2 RVL	AOX 051/054					

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.

Date of issue: June 8, 1984

Engine Family F5.0/5.8TGG

Issue Date:	JUN 11 1984										
Revised											

SUPERSEDED

E.O. #A-10-279

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Page 2B

Engine Family FFM5.8T2HGG1 (F5.0/5.8TGG)

Engine Code 4-64T R00B

CID (Liter)- 351 (5.8)

ECS (Special Features) AIP, CL, EGR, OC, TWC

Type V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System EEC IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No
4-64T R00B	F150	C6015		E43F-ADA	E5TE-AAA	E4TE-AA	CCG
	4x2 RCL	(A3)	4250				
	SCS		4500				
	SCL						
	4x4 RCS						
	RCL						
	SCL		4750				
	F250						
	4x2 RCL		4500				
	4x4 RCL		5000				
	Bronco						
	4x4 Std						
	E150						CCT
	4x2 RVS		4500				
	RVL		4750				
	SVL		5000				
	CWL		5250				
	E250						
	4x2 RVL						
	SVL		5500				

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.

Date of issue: June 8, 1984

Engine Family F5.0/5.8TGG

Issue Date:	JUN 11
Revised:	

SUPERSEDED

Section 8.13.01.00 1985 LIGHT-DUTY TRUCK DPA TABLE E.O.# A-10-279

Truckline	ETW Limit		Non A/C DPA	Non A/C CDT	A/C DPA	A/C CDT
Ranger 4x2	3125		11.4	13.46	12.5	12.48
Ranger 4x2	3250		11.7	13.87	12.9	12.88
Ranger 4x2 Chassis Cab	3625 @28 sq. ft.		15.2	11.47	16.6	10.68
Ranger 4x2 Chassis Cab	3875 @39 sq. ft.		18.1	10.98	19.5	10.33
Ranger 4x4	3375		11.8	12.98	13.0	12.12
Ranger 4x4	3625		12.2	13.49	13.4	12.52
Bronco II	3625		11.0	14.24	12.1	13.26
Bronco II	3750		11.5	14.24	12.6	13.35
F-150 4x2 1/	4000		13.2	13.24	14.5	12.41
F-150 4x2	4500		14.0	14.18	15.4	13.20
F-150 4x2	4750		15.2	15.42	16.6	14.35
F-250 4x2	5000	R	16.2	14.18	17.6	13.30
		B	18.0	12.77	19.4	12.04
F-150 4x4	5000	R	16.5	14.19	17.9	13.30
		B	18.6	12.23	20.0	11.59
F-250 4x4	5250	R	17.7	14.03	19.1	13.18
	5500	B	20.0	12.53	21.4	11.90
Bronco	5000	R	14.0	15.42	15.4	14.36
	5250	B	17.2	12.51	18.6	11.88
E-150	5250	R	15.2	15.38	16.6	14.35
E-250	5500	R	17.3	14.16	18.7	13.31
	6000	B	18.0	13.71	19.4	13.05

NOTES

B=Bias R=Radial tires (All values for radial tires except where noted)

1/ F-150 (4000 ETW, Radial Tires and 1" x 50" spoiler)

SUPERSEDED

Engine Family F5.0/5.8TGG

Issue Date:	JUN 11 1984										
Revised:											