

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-241
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 1983 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM5.8T2HBFX	351 (5.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.50	9.0	1.0

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.37	1.4	1.0

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 Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 12th day of August, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

Manufacturer Ford Motor Company

Executive Order No. A-10-271

Engine Family DFM5.8T2HBFX

Evaporative Family 3E0

Engine CID (Liters) 351 (5.8L)

ABBREVIATIONS

Ignition System

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

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
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injectin-Direct
 DIP-Diesel Injection Prechamber

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venture

MFI-Mechanical Fuel Injection
 TC-Turbocharged

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
F150 4x2	Regular Cab	LWB
F150 4x2	Super Cab	LWB SWB
F150 4x4	Regular Cab	LWB SWB
F150 4x4	Super Cab	LWB

Drive System : Front engine with rear wheel and four wheel drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel
 Manufacturer Ford Motor Company I.O. # A-10-241
 Engine Family DFM5.8T2HBFX CID (liter) - Type 351 (5.8L)-V8
 ECS (Special Features) EGR/AIP/CL/OC TWC /oc

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System VV Part No.	EGR Valve Part No.	Label Ident. Part No.
1-64T-R12B	F150 4x2 R (15.4)*	C6-009	4250 4500	E2VF-12A649- NA	E2TE-9510- CCC/CCB	EOAE-9F483 -AA	
	F150 4x4 R (15.8)*RC B (20.0)* R (18.1)*SC		4500 4750				

Comments: See page one for abbreviations and evaporative emission family identification.
 If two test weights are listed, the lower weight will be used for testing.

* With Air Conditioning

Date of Issue - 7-21-82
 Revisions: