

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-261  
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 1984 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>
EFM5.8T2HGG0	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":

<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 the above 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	0.19	2.6	0.8

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 8th day of July, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

**1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**

**Manufacturer** Ford Motor Company      **Executive Order No.** A-10-261  
**Engine Family** EPM5.8TZHCCO      **Evaporative Family** 4DM and 4DQ  
**Engine CID (Liters)** 302(5.0)/351(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

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 Vent  
 CFI-Central Fuel Injection  
 DID-Diesel Injection Direct  
 DIP-Diesel Injection Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharge

Fuel System

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

VEHICLE MODELS:

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
F-150 4x4 Regular Cab	RCS	Short
Super Cab	SCL	Long
Regular Cab	RCL	Long
F-250 4x2 Regular Chassis Cab	RCCL	Long
Regular Cab	RCL	Long
Super Cab	SCL	Long
F100/F150 4x2 Regular Cab	RCS	Short
Regular Cab	RCL	Long
Super Cab	SCS	Short
Super Cab	SCL	Long
F-250 4x4 Regular Cab	RCL	Long
Super Cab	SCL	Long

**DRIVE SYSTEM:** Front **Engine/** Rear **-Wheel Drive**

**Engine Family** E5.0/5.8TGG

<b>Issue Date</b>	.....	17-3					
<b>Revised</b>	.....						

**1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**

**Manufacturer** Ford Motor Company **Executive Order No.** A-10-261  
**Engine Family** EPM5.8T2BGG0 **Evaporative Family** 4DM, 4DQ  
**Engine CID (Liters)** 302 (5.0)/351 (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

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 Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

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

VEHICLE MODELS:

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
E100/E150	4x2 Regular Van	RVS Short
	Regular Van	RVL Long
	Super Van	SVL Long
	Club Wagon	CWS Short
	Club Wagon	CWL Long
E250	4x2 Regular Van	RVL Long
	Super Van	SVL Long
Bronco Standard	Standard	STD

**DRIVE SYSTEM:** Front **Engine/** Rear **-Wheel Drive**

122182

**Engine Family** E5.0/5.8TGG

Issue Date	JUN 03 1983	17-4						
Revised								

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family EFM5.8T2HGGO

Engine Code

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

CID (Liter)-Type 302(5.0)/351(5.8)  
V-8

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System EEV-IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
454RR00B R10B** R11B***	F100/F150	AOX039, AOX051+ (L4)		E43F-12A650- ZA	B4TE-9510-AHA	E3TE-9F483- CA	ACM* ACM** APF***
	4x2 RCS		4000				
	RCL		4250				
	SCS		4500				
	SCL		4500				
	F250						
	4x2 RCL		4500				
	SCL		5000				
	E100/E150						
	4x2 RVS		4500				
	RVL	4750					
	SVL	5000					
CWS	4750						
CWL	5250						
E-250	4x2 RVL	AOX039* AOX042 AOX051+ AOX054+ (L4)	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.

Date of Issue: June 3, 1983

Revisions: January 4, 1984; \*correction to 1st issue, \*\*R/C-109, \*\*\*R/C-113, +R/C-137

Engine Family E5.0/5.8TGG

Issue Date	JUN 03 1983	17-5						
Revised	JAN 04							

E.O. #A -10-261

**1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**

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

Manufacturer Ford Motor Company

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Engine Family EFM5.8T2HGGO

Engine Code

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

CID (Liter)-Type 302(5.0)/351(5.8) V-8

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System EEC-IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
464TRO0B	F100/F150	C6-015 (A3)		343F-12A650- ADA	E4TE-9510-ACA	E4TE-9F485- DA	AHC*
	4x2 RCL		4250				
	SSS		4500				
	SCL		4500				
	F150						
	4x4 RCS		4500				
	RCL		4750				
	SCL		5000				
	F250						
	4x2 RCL		4500				
	SCL		5000				
	4x4 RCL		4750				
	SCL		5250				
	Bronco STD		5000				
	E100/E150						
4x2 RVS	4500						
RVL	4750						
SVL	5000						
CWS	5000						
CWL	5250						
E250							
4x2 RVL	5250						
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.

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Engine Family E5.0/5.8TGG

Issue Date	JUN 03 1983	17-6						
Revised	JAN 04							

## 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Page 2B

Engine Family EFM5.8T2HGGO

Engine Code

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

CID (Liter)- 302(5.0)/351(5.8)  
Type V-8

Engine Code	Vehicle Models (If Coded see attachment) (Non-A/C Dyno Hp)	Trans.	Equiv. Test Weight	Ign. System EEC-IV Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
454TROOB R10B** R11B***	F150 4x4 RCS RCL SCL Bronco STD F250 4x4 RCL SCL 4x2 RCCL	C6-018 (A3)	4500 4500 4750  5000  4750* 5000	E43F-12A650- AAA	E4TE-9510- AJA	E3TE-9483-CA	ACM* ACM** APF***          AHD* AHD** APG***

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.

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Engine Family E5.0/5.8TGG

Issue Date	<u>JUN 03 1983</u>	17-7						
Revised	<u>JAN 04</u>							