State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-284
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)
FFM2.8T2HKG0	171	(2.8)	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
0-3999	0.39	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
0-3999	0.11	3.2	0.7

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 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 31st day of July, 1984.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

facturer Ford Motor Company Executive Order No. A-10-284

Engine Family FFM2.8T2HKG0 Evaporative Family 5DM

Engine CID (Liters) 171(2.8L)

ABBREVIATIONS

Ignition System	Exhaust Emissions Control System	Special Features
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
EI-Electronic Ignition	CL-Closed Loop	DID-Diesel Injectin-Direct
ES AC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	DIP-Diesel Injection Prechamber
VA-Vacuum Advance	EM-Engine Modification	
VR-Vacuum Retard	OC-Oxidation Catalyst System	
	TR-Thermal Reactor	
	TWC-Three Way Catalyst System	

Fuel System

CFI, CL, DID, DIP, EFI, MFI	MFI-Mechanical Fuel Injection
nV-nVenturi Carburetor	TC-Turbocharged
VV-Variable Venture	

Vehicle Line	Body Type (Cab Style)	Body Code (Wheelbase)
Bronco II	Standard	Standard
Ranger 4X2	Reg. Cab	SWB
		LWB
Ranger 4X4	Reg. Cab	SWB
		LWB
Ranger 4x2	Chassis Cab	LWB

(1) Added by R/C 2.8-104 091184.

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars x Light Duty Trucks ___ Medium Duty Vehicles x Gas ___ Diesel

Manufacturer Ford Motor Company E.O. #A-10-284

Engine Family FFM2.8T2HKG0 CID (Liter) - Type 171(2.8L) - V-6

ECS (Special Festures) AIP,EGR,EGS,TWC,CL

Engine Code	Vehicle Models Dyno HP*	Trans.	Equiv Test Weight	Ign. System Part No. EEC	Fuel System Part No. 2V	EGR Valve Part No.	Label Ident. Part No.
5-61S-R02A/N	Ranger 4X2 RCS RCL Ranger 4X4 RCS RCL Bronco II	Y5X396& K5X397 (M50D)	3000/3125# 3125 3250 3250 3625	E57F-12A650-BA	E57E-9510-BA	E5TE-9F483-EB	CGS
5-62R-R01A/N	Ranger 4X2 RCS RCL Ranger 4X4 RCS RCL Bronco II Ranger 4x2 CCL	A4X004 (L4)	3000/3125# 3125 3250 3250 3625 3625	E57F-12A650-DA	E57E-9510-CA	E5TE-9F483-EB	CDK
5-62E-R01A/N	Ranger 4x2 CCL	A4X004 A4X005	3625	E57F-12A650 DA	E57E-9510-CA	E5TE-9F483 EB	
(1) 5-61S-R10A/N	Ranger 4x2 RCS RCL Ranger 4x4 RCS RCL Bronco II STD Ranger 4x4 RCS RCL Bronco II STD	Y5 (3.96) K5 (3.97) 	3000/3125 3125 3250 3250 3625 3250 3250 3625	E57F-12A650 DA	E57E-9510-BA	E5TE-9F483 EB	

* See Attachment
\# With A/C

Date of Issue: 073184
Revisions: (1) Added by R/C 2.8-112 120584.

Engine Family F2.8TKG

Issue Date	JUL 15	17-4
Revised	MAR 13 1985	

Section 8.13.01.00 1985 LIGHT-DUTY TRUCK DPA TABLE

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	3625		15.2	11.47	16.6	10.68
Chassis Cab	@28 sq. ft.					
Ranger 4x2	3875		18.1	10.98	19.5	10.33
Chassis Cab	@39 sq. ft.					
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)

Engine Family F2.8TKG

Issue Date:	JUL 15 [illegible]
Revised:	