State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-288
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 and medium-duty vehicles:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
FFM5.0T5HAG8	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 the above engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.33	2.4	0.6

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 16th day of November, 1984.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer Ford Motor Company Executive Order No. A-10-288

Engine Family FFM5.0T5HAG8 Evaporative Family 5HM

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-150 4x4

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

F-250 4x2

Regular Cab (LWB)

F-250 4x4

Regular Cab (LWB)

BRONCO 4x4

(STD)

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive

Engine Family F5.0TAG

Issue Date	OCT 18 1984										
Revised											

17.3

E.O. *A-10-288

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 2

Engine Family FFM5.0T5HAG8 Engine Code 5-54S-R00A/N

ECS (Special Features) AIP/EGR/TWC/OC/CL/(EFI) CID (Liter)-Type 302 (5.0L) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans. A/T	Equiv. Test Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System -9H487- EFI Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No.
5-54S-R00A/N	F-150 4x4	AOD4		E5TF-UA	E5TE-CF	E5TE-DB	CJM
	RCS		4250				
	RCS						
	RCS		4500				
	RCS						
	RCL						
	RCL						
	SCL		4750				
	SCL						
	F-250 4x2 RCL RCL		4500				
	F-250 4x4 RCL RCL		4750				
	BRONCO 4x4		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.

Date of Issue -

Engine Family F5.0TAG

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17.4

E.O. *A-10-288

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 3

Engine Family FFM5.0T5HAG8 Engine Code 5-54Q-R00A/N

ECS (Special Features) AIP/EGR/TWC/OC/CL (EFI) CID (Liter)-Type 302 (5.0L) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans. A/T	Equiv. Test Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System EFI -9H487- Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No.
5-54Q-R00A/N	F-150 4x2	AOD4		E5TF-SA	E5TE-CF	E5TE-DB	CJM
	RCS		4000				
	RCL						
	RCL		4250				
	SCS						
	SCS		4500				
	SCL						

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 F5.0TAG

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E.O. *A-10-288

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 4

Engine Family FFM5.0T5HAG8 Engine Code 5-54S-R00A/N

ECS (Special Features) AIP/EGR/TWC/OC/CL/(EFI) CID (Liter)-Type 5.0L (302) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans. A/T	TEST Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System EFI -9H487- Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No
5-54S-R00A/N	F-150 4x4	AOD4		E5TF-UA	E5TE-CF	E5TE-DB	CJM
	RCS		4600				
	RCL		4500				
	SCL		4750				
	F-250 4x4		4750				

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 F5.0TAG

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1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Page 5

Engine Family FFM5.0T5HAG8 Engine Code 5-54Q-R00A/N

ECS (Special Features) AIP/EGR/TWC/OC/CL/(EFI) CID (Liter)-Type 5.0L (302) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans. A/T	TEST Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System EFI -9H487- Part No.	EGR Valve -9F483- Part No.	Label Ident. Part No.
5-54Q-R00A/N	F-150 4x2	AOD4		E5TF-SA	E5TE-CF	E5TE-DB	CJM
	SCS		4250				
	SCL		4500				
	F-250 4x2						
	RCL		4750				

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 F5.0TAG

17.5A

Issue Date:	JUL 18 1984										
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E.O.# A-10-288

Section 8.13.01.00 1985 LIGHT-DUTY TRUCK DPA TABLE

Eng. Fam. FFM5.0T5HAG-8

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)

Engine Family F5.0TAG

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