

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-293
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 1986 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
GFM2.3T5FGG9	140 (2.3)	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:

<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>
0-3999	0.39	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>
0-3999	0.23	4.5	0.4

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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".

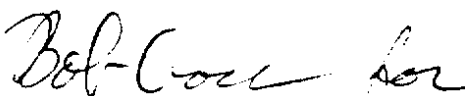
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

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 2035 et seq.) 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 5th day of April, 1985.



K. D. Drachand, Chief
Mobile Source Division

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

Manufacturer Ford Motor Company

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Engine Family GFM2.3T5FGG9 (G2.3TGG)

Engine Code 5-49S R10A/N
5-49R R00A/N

ECS (Special Features) EGR, TWC, CL (EFI)

CID (Liter)-Type 140 (2.3)
I4

Engine Code	Vehicle Models (if Coded see attachment)	Trans.	Equip. Test Weight	Ign. System EEC IV Part No.	Fuel System EFI Part No.	EGR Valve Sonic Part No.	Label Ident. Part No.
5-49S R10A/N 5-49S R00A/N\$	Ranger	Y5X396 (M5)	3000	E5TF-12A650 MB##	E59E-9F593 AA/AB	E59E-9F483 AC	AAY
	4x2 RCS						
	RCL						
	SCS						
	4x4 RCS						
	RCL						
	SCS						
	Bronco II		3500				
	4x2 STD						
	Ranger	K5X397 (M5)	3125				
	4x4 RCS						
	RCL						
	SCS		3250				
			3375				
5-49R R00A/N	Aerostar	Y5X396 (M5)	3250*				AAG
	Van SWB						
	Bus SWB		3625*				
5-49R R10B#	Aerostar		3250				AGB
	Van SWB						
	Bus SWB						

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.

- Revisions: * 4-26-85 R/C 2.3-103 (Change ETWs & delete Chassis-cab)
6-19-85 R/C 2.3-108 (Add calibration w/revised curb idle)
8-7-85 CAPL Update
\$ 8-9-85 R/C 2.3-119 (Add calibration w/revised curb idle)

Engine Family G2.3TGG

Issue Date:	<u>FEB 26 1985</u>	<u>17-4A</u>						
Revised:	<u>APR 26</u>	<u>JUN 19</u>	<u>AUG</u>					

1986

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A 10-293

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

Manufacturer Ford Motor Company

Page 2B

Engine Family GFM2.3T5FGG9 (G2.3TGG) e

Engine Code 5-50S R10A/N

Code 5-50R R00A/N

ECS (Special Features) EGR, TWC, CL (EFI)

CID (Liter)-140 (2.3)

Type I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equly. Test Weight	Ign. System EEC IV Part No.	Fuel System EFI Part No.	EGR Valve Sonic Part No.	Label Ident. Part No.
5-50S R10A/N	Ranger 4x2 RCS RCL SCS	A4X007 (L4)	3000 3125* 3250	E5TF-12A650 LB##	E59E-9F593 AA	E59E-9F483 AC	AA Y
5-50R R00A/N	Aerostar Van SWB						AAG

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.

Revisions: * 4-26-85 R/C 2.3-103 (Change ETW & delete Aerostar Bus)
8-7-85 CAPL Update

Engine Family G2.3TGG e

17-4B e

Issue Date:	FEB 26 1985								
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