

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-503  
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 1992 model-year Ford Motor Company exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: NFM2.3T5FML8      Displacement: 2.3 Liters (140 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Exhaust Gas Recirculation  
Three-Way Catalyst  
Heated Oxygen Sensor  
Multipoint 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>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.39	9.0	0.4

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

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.34	3.5	0.2

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 Code of Regulations, 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 1988 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 Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 30<sup>th</sup> day of July, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

## 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family N2M2.3T5FML8 (N2,3TML) Page 1

Passenger Cars \_\_\_ Light-Duty Trucks X Medium-Duty Vehicles \_\_\_ Fuel Type Gas

Engine Type I-4 Liter (CID) 2.3 (140) Evaporative Family 9HM-07

Emission Control System & Special Features EGR, TWC, HO2S, MPI  
(Use abbreviations per SAE J1930, June 88)

Engine: Front X Mid \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X

Engine Code 0-3750# LVW	Vehicle Models (If Coded see attachment)  (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM)	EGR System	Catalyst
					Part No. -12A650-	Part No. -9F483-	Part No. -5E212-
249TRO0A/N	Ranger 4x2	M5			F27F-GB	E97E-AA	F17A-HA
	RCS (11.0)		3125#	14.9			
	RCS (11.0) (12.1*)		3250 3375	14.9 15.9			
	RCL (11.0) (12.1*)			14.9 15.9			
	SCS (11.0) (12.3*)		3500 3625	14.9 16.4			
	Ranger 4x4						
	RCS (12.1) (12.1*)		3500	17.2 17.2			
	RCL (12.1) (12.1*)		3625	17.2 17.2			

\* with air conditioning  
# Ranger S package

042090

ENGINE FAMILY: N2.3TML  
ISSUED: 7-15-91  
REVISED:

20.09.17.02-1

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					Part No. -12A650-	Part No. -9F483-	Part No. -5E212-
0-3750# LVW							
249TR00A/N	Ranger 4x2 RCS (11.0) RCS (11.0) (12.1*) RCL (11.0) (12.1*) SCS (11.0) (12.3*)  Ranger 4x4 RCS (12.1) (12.1*) RCL (12.1) (12.1*)	M5	3125# 3250 3375  3500 3625  3500 3625	14.9 14.9 15.9 14.9 15.9 14.9 16.4  17.2 17.2 17.2 17.2	F27F-GB/ F27F-GC@	E97E-AA/ F27E-AA@/ F27E-AB@	F17A-HA

\* with air conditioning  
# Ranger S package  
@ alternates added 12-10-92

042090