State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-459
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 1991 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: MFM4.0T5FAMO Displacement: 4.0 Liters (244 Cu. Inches)
Equipped with the following exhaust emission control systems:

Heated Oxygen Sensor
Three-Way Catalysts (Two)
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:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.50	9.0	1.0

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.12	3.0	0.3

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 of California Health and Safety Code Section 43205.

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 19th day of June, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-459

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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

Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features TWC, HOS, MPI (2)
(Use abbreviations per SAE J1930, June 88)

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

Engine Code 3751-5750# LVW	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5E212-
057RR00A/N	Explorer 4x2	M5			F07F-YA		F17A-EC
	2D SWB (11.3)		4000	16.5			
	(12.4*)			17.6			
	4D LWB (11.3)		4250	16.5			
	(12.4*)			17.6			
	Explorer 4x4						
	2D SWB (12.0)		4250	18.3			
	(13.2*)			19.5			
	4D LWB (12.0)		4500	18.3			
	(13.2*)			19.5			

Revisions: 042090

* with air conditioning

E.O.# A-70-459

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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

Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features TWC, HOS, (2)
(Use abbreviations per SAE J1930, June 88)

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

Engine Code 3751-5750# LVW	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5E212-
058RR00A/N	Explorer 4x2	A4			F07F-AAA		F17A-EC
	2D SWB (11.3)		4000	16.5			
	(12.4*)			17.6			
	4D LWB (11.3)		4250	16.5			
	(12.4*)			17.6			

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1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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

Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features (2) TWC, HOS, MPI
(Use abbreviations per SAE J1930, June 88)

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

Engine Code (Cert Std)	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5E212-
058PR00A/N	Explorer 4x2	A4			F07F-ACB		F17A-EC
	2D SWB (11.3)		4000	16.5			
	(12.4*)			17.6			
	4D LWB (11.3)		4250	16.5			
	(12.4*)			17.6			
	Explorer 4x4						
	2D SWB (12.0)			18.3			
	(13.2*)			19.5			
	4D LWB (12.0)		4500	18.3			
	(13.2*)			19.5			

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Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features TWC (2), HOS, AIR
(Use abbreviations per SAE J1930, June 88)

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

Engine Code 3751-5750# LVW	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5F250-
058LR00A/N	Aerostar AWD	A4			F07F-TA		F19A-AA
	Clb Wgn (11.9)		4250	17.7			
	(13.1*)			18.8			
	Ext Wgn (11.9)			17.7			
	(13.1*)			18.8			
	Reg Van (11.9)		3875	17.7			
	(13.1*)			18.8			
	Ext Van (11.9)			17.7			
	(13.1*)		4000	18.8			

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Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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

Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features TWC, HOS, (2) MAT
(Use abbreviations per SAE J1930, June 88)

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

Engine Code 3751-5750# LVW	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5F250-
058QR00A/N	Aerostar 4x2	A4			F07F-UA		F19A-AA
	Ext Wgn (10.6)		4250	16.1			
	(11.7*)			16.8			
	Ext Van (10.6)		3750	15.3			
	(11.7*)		3875	16.1			

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Manufacturer Ford Motor Company Engine Family MFM4.0T5FAM0 (M4.0TAM)

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Engine Type V6 Liter (CID) 4.0 (244) Evaporative Family OHM-04

Emission Control System & Special Features TWC, HOS, (Z) AIR
(Use abbreviations per SAE J1930, June 88)

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

Engine Code 3751-5750# LVW	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type A-Auto M-Manual	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM) Part No. -12A650-	EGR System Part No.	Catalyst Part No. -5F250-
158LR10A/N	Aerostar AWD	A4			F17F-TA		F19A-AA
	Clb Wgn (11.9)		4250	17.7			
	(13.1*)			18.8			
	Ext Wgn (11.9)			17.7			
	(13.1*)			18.8			
	Reg Van (11.9)		3875	17.7			
	(13.1*)			18.8			
	Ext Van (11.9)			17.7			
	(13.1*)		4000	18.8			

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