

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-525
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 1993 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PFM3.8V5FJC8 Displacement: 3.8 Liters (229 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converter_s
Dual Heated Oxygen Sensor_s
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.39	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.13	2.5	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2290).

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 Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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

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 10th day of June, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer FORD MOTOR COMPANY Eng. Family PFM3.8V5FJC8Pass Cars XXX Lt-Duty Trucks Med-Duty Vehicles Fuel Type GASOLINEEng. Type V6 Liter (CID) 3.8L (229) Evap. Family HMEmission Control System & Special Features TWC/HO2S/EGR/SFI
(Use abbreviations per SAE J1930 June 88)Engine: Front XXX Mid. Rear Drive: FWD RWD XXX 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. (12A650)	EGR Syst. Part No (9D475)	Catalyst Part No. (5G214)
216RR10A	CONTINENTAL	L4	3875*	8.2	F20F - FC	E9SE - AA	F2DC - KA/KB
216TR10A	THUNDERBIRD	L4	3750*	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
216TR10A	COUGAR	L4	3875	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
* FORD ELECTS TO CONDUCT TESTS IN NEXT HIGHER ETW. Certification Standards NMHC: 0.39 CO: 7.0 NOx: 0.4 EVAP: 2.0							

20.09.17.02-1

ENGINE FAMILY: P3.8VJC
ISSUED: 5/7/92
REVISED:

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM3.8V5FJC8

Pass CarsXXX Lt-Duty Trucks____ Med-Duty Vehicles____ Fuel Type GASOLINE

Eng. Type V6 Liter (CID) 3.8L (229) Evap. Family HM

Emission Control System & Special Features TWC/HO2S/EGR/SFI
(Use abbrevuations per SAE J1930 June 88)

Engine: FrontXXX Mid.____ Rear____ Drive: FWDXXX RWD____ 4WD-FT____ 4WD-PT____

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. (12A650)	EGR Syst. Part No (9D475)	Catalyst Part No. (5F250)
216RR10A	CONTINENTAL	A	3875*	8.2	F20F - FC	E9SE - AA	F2DC - KA/KB
216TR10A	THUNDERBIRD	A	3750*	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
216TR10A	COUGAR	A	3875	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
216QR11A	SABLE SEDAN	A	3625	5.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	SABLE WAGON	A	3750	7.6	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	TAURUS SEDAN	A	3500*	6.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	TAURUS WAGON	A	3750	8.1	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	TAURUS WAGON	A	3750	8.1	F20F - JC	E9SE - AA	
* FORD ELECTS TO CONDUCT TESTS IN NEXT HIGHER ETW.							
Certification Standards							
NMHC	0.39						
CO	7.0						
NOX	0.4						
EVAP:	2.0						

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM3.8V5FJC8

Pass CarsXXX Lt-Duty Trucks___ Med-Duty Vehicles___ Fuel Type GASOLINE

Eng. Type V6 Liter (CID) 3.8L (229) Evap. Family HM

Emission Control System & Special Features 2TWC/HO2S/EGR/SFI
(Use abbreviations per SAE J1930 June 88)

Engine: FrontXXX Mid.____ Rear____ Drive: FWD____ RWDXXX 4WD-FT____ 4WD-PT____

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. (12A650)	EGR Syst. Part No (9D475)	Catalyst Part No. (5G214)
216QR11N	SABLE SEDAN	A	3500	5.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11N	SABLE WAGON	A	3750	7.6	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11N	TAURUS SEDAN	A	3500	6.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11N	TAURUS WAGON	A	3750	8.1	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
<p>* FORD ELECTS TO CONDUCT TESTS IN NEXT HIGHER ETW.</p> <p>Certification Standards</p> <p>NMHC: 0.39</p> <p>CO: 7.0</p> <p>NOx: 0.4</p> <p>EVAP: 2.0</p>							

* FORD ELECTS TO CONDUCT TESTS IN NEXT HIGHER ETW.

Certification Standards

NMHC: 0.39

CO: 7.0

NOx: 0.4

EVAP: 2.0

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family PFM3.8V5FJC8

Pass Cars XXX Lt-Duty Trucks Med-Duty Vehicles Fuel Type GASOLINE

Eng. Type V6 Liter (CID) 3.8L (229) Evap. Family HM

Emission Control System & Special Features 2TWC/2H02S/EGR/SFI
(Use abbrevuations per SAE J1930 June 88) _____

Engine: FrontXXX Mid.____ Rear____ Drive: FWDXXX RWD____ 4WD-FT____ 4WD-PT____

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No. (12A650)	EGR Syst. Part No (9D475)	Catalyst Part No. (5F250)
216RR10A	CONTINENTAL	A	3875*	8.2	F20F - FC	E9SE - AA	F2DC - KA/KB
216TR10A	THUNDERBIRD	A	3875	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
216TR10A	COUGAR	A	3875	9.2	F2MF - HC	E9SE - AA	F2SC - EB/EC
216QR11A	SABLE SEDAN	A	3625	5.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
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216QR11A	TAURUS SEDAN	A	3500*	6.8	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	TAURUS WAGON	A	3750	8.1	F20F - JC	E9SE - AA	F2DC - KA/KB/MA
216QR11A	TAURUS WAGON	A	3750	8.1	F20F - JC	E9SE - AA	
* FORD ELECTS TO CONDUCT TESTS IN NEXT HIGHER ETW.							
Certification Standards NMHC 0.39 CO 7.0 NOX 0.4 EVAP: 2.0							

ENGINE FAMILY: P3.8VJC

20.09.17.02-1

R/C 3.8-1

ISSUED: 5/7/92

REVISED: 6/23/93:7/28/92:5/10/93