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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-750
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1998 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: WFMXV04.6DBA Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters (three)
Dual Heated Oxygen Sensors (two)
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

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

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

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of a 0.98 RAF for 1998 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gases	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.072	1.8	0.04	0.001	3.6
100,000	0.080	2.0	0.04	0.001	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

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 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit 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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 11 day of September 1997.

John Henderson for
R. B. Summerfield, Chief
Mobile Source Operations Division

E.O.# A-10-750

1998 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: FORD MOTOR COMPANY Eng. Family: WFMXV04.6DBA

Pass Car: X (PC) Light-Duty Truck: __(T1/T2) Med-Duty Vehicle: __ (M1/M2/M3/M4/M5)

Standards Type: ____(Tier 0/1, AB965, TLEV, LEV, ULEV) Vehicle Type: (FFV,HEV(type A/B/C)__

Fuel Type: PHASE II Evaporative Family: WFMXE0080BOE

Service Accum: AMA modified

Engine Config: V-8 Liter (CID): 4.6L (280)

Engine: Front X Mid.__ Rear__ Drive: FWD__ RWD X 4WD-FT__ 4WD-PT__

Exhaust ECS & Special Features: (incl. CARB, MFI 2TWC/(3)/2HO2S/(2) EGR/SFI
(Use abbreviations per SAE J1930 May91)

Engine Code (Cert Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
820PR00N	MUSTANG	A	3875	8.0	F8ZF-AAA	F6ZE-CA	F8ZC-BA
820PR00A	MUSTANG	A	3875	8.0	F8ZF-AAA	F6ZE-CA	F8ZC-BA
820PR00N	MUSTANG	A	3750	8.0	F8ZF-AAA	F6ZE-CA	F8ZC-BA
820PR00A	MUSTANG	A	3750	8.0	F8ZF-AAA	F6ZE-CA	F8ZC-BA
820RR00N	MUSTANG	A	3875	8.0	F8ZF-ABA	F6ZE-CA	F8ZC-BA
820RR00A	MUSTANG	A	3875	8.0	F8ZF-ABA	F6ZE-CA	F8ZC-BA
820RR00N	MUSTANG	A	3750	8.0	F8ZF-ABA	F6ZE-CA	F8ZC-BA
820RR00A	MUSTANG	A	3750	8.0	F8ZF-ABA	F6ZE-CA	F8ZC-BA
820SR00N	MUSTANG	A	3875	8.0	F8ZF-ACA	F6ZE-CA	F8ZC-BA
820SR00A	MUSTANG	A	3875	8.0	F8ZF-ACA	F6ZE-CA	F8ZC-BA
820SR00N	MUSTANG	A	3750	8.0	F8ZF-ACA	F6ZE-CA	F8ZC-BA
820SR00A	MUSTANG	A	3750	8.0	F8ZF-ACA	F6ZE-CA	F8ZC-BA
820TR00N	MUSTANG	A	3875	8.0	F8ZF-ADA	F6ZE-CA	F8ZC-BA
820TR00A	MUSTANG	A	3875	8.0	F8ZF-ADA	F6ZE-CA	F8ZC-BA
820TR00N	MUSTANG	A	3750	8.0	F8ZF-ADA	F6ZE-CA	F8ZC-BA
820TR00N	MUSTANG	A	3750	8.0	F8ZF-ADA	F6ZE-CA	F8ZC-BA

Date Issued: JUN 2 0 1997
Revised:

E.O.# 4-10-750

1998 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: FORD MOTOR COMPANY Eng. Family: **WFMXV04.6DBA**

Pass Car: X (PC) Light-Duty Truck: __(T1/T2) Med-Duty Vehicle: __ (M1/M2/M3/M4/M5)

Standards Type: _(Tier 0/1, AB965, TLEV/LEV,ULEV) Vehicle Type: (FFV,HEV(type A/B/C)__

Fuel Type: _____ Evaporative Family: **WFMXE0080AAA**

Engine Config: V-8 Liter (CID): 4.6L (280)

Engine: Front X Mid.__ Rear__ Drive: FWD__ RWD X 4WD-FT__ 4WD-PT__

Exhaust ECS & Special Features:(incl. CARB, MFI 2TWC(3) / 2HO2S(2)/ EGR,/SFI
(Use abbreviations per SAE J1930 May91)

Engine Code (Cert Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
820PR10N	MUSTANG	A	3875	8.0	F8ZF-AAC	F6ZE-CA	F8ZC-BABB
820PR10A	MUSTANG	A	3875	8.0	F8ZF-AAC	F6ZE-CA	F8ZC-BABB
820PR10N	MUSTANG	A	3750	8.0	F8ZF-AAC	F6ZE-CA	F8ZC-BABB
820PR10A	MUSTANG	A	3750	8.0	F8ZF-ABC	F6ZE-CA	F8ZC-BABB
820RR10N	MUSTANG	A	3875	8.0	F8ZF-ABC	F6ZE-CA	F8ZC-BABB
820RR10A	MUSTANG	A	3875	8.0	F8ZF-ABC	F6ZE-CA	F8ZC-BABB
820RR10N	MUSTANG	A	3750	8.0	F8ZF-ABC	F6ZE-CA	F8ZC-BABB
820RR10A	MUSTANG	A	3750	8.0	F8ZF-ABC	F6ZE-CA	F8ZC-BABB
820SR10N	MUSTANG	A	3875	8.0	F8ZF-ACC	F6ZE-CA	F8ZC-BABB
820SR10A	MUSTANG	A	3875	8.0	F8ZF-ACC	F6ZE-CA	F8ZC-BABB
820SR10N	MUSTANG	A	3750	8.0	F8ZF-ACC	F6ZE-CA	F8ZC-BABB
820SR10A	MUSTANG	A	3750	8.0	F8ZF-ACC	F6ZE-CA	F8ZC-BABB
820TR10N	MUSTANG	L4	3875	8.0	F8ZF-ADC	F6ZE-CA	F8ZC-BABB
820TR10A	MUSTANG	L4	3875	8.0	F8ZF-ADC	F6ZE-CA	F8ZC-BABB
820TR10N	MUSTANG	L4	3750	8.0	F8ZF-ADC	F6ZE-CA	F8ZC-BABB
820TR10N	MUSTANG	L4	3750	8.0	F8ZF-ADC	F6ZE-CA	F8ZC-BABB

Due to the unavailablity of Calif. evap emissions parts this Model type **(auto. trans. only)** in the Fed engine family is being sold under the provisions of the Young Bill for an approx. 1-2 month period.

Date Issued:4/28/97
Revised: