State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-627
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 Ford Motor Company 1997 model-year exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VFM4.6V8GKEL Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Dual Three Way Catalytic Converters (two)
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 certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.25	3.4	0.4	10.0
100,000	0.31	4.2	0.6	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
50,000	0.07	1.0	0.2	6.7
100,000	0.08	1.3	0.2	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 non-methane organic gases (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 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

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 3rd day of September 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-627

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.6V8GK EL

Evap Standard: 50K ___ Useful Life with R/L X Evap Family: VFM1080AYMED

Exhaust Std: Tier 0 _ Tier 1 X TLEV _ LEV _ ULEV _ ZEV _ ; EPA Tier 0 ___ Tier 1 X

Vehicle Class(es): PC X LDT1 _ LDT2 _ MDV1 _ MDV2 _ MDV3 _ MDV4 _ MDV5 _

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo X Ph2 _ Diesel: 13 CCR 2282 _ or 40 CFR 86.113-90 _ or -94 _
M85 _ CNG _ LPG _ Other (specify) _____

Fuel Type(s): Dedicated _ Flex-Fuel _ Dual-Fuel _ Gasoline X Diesel _ M85 _
CNG _ LNG _ LPG _ Other (specify) _____

Hybrid: Type A ___ B ___ C ___, APU Cycle (e.g., Otto, Diesel, Turbine) _____

Engine Config: V-8 Liter (CID): 4.6 (280.0)

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

Exhaust ECS & Special Features: SFI/2HO2S(2)/EGR/2TWC(2)
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No. -12A650-	EGR System Part No. 9D475/9D477	Catalyst Part No. -5E212-
718ER05A	LINCOLN VFL1	A	4250	8.2	F7VF-BB	F6AE-BA/F6AE-AE	F8AC-DA/DB
	LINCOLN VFL2	A	4750	8.1			
	LINCOLN VFL3	A	5250	8.2			
	LINCOLN VFL4	A	5500	7.6			
	LINCOLN VFL5	A	6000[1]	7.5			
	LINCOLN VFL6 (HEARSE)	A	6000[1]	18.4			

[1] LIGHT DUTY VEHICLES OVER 6,750 LBS. LOADED VEHICLE WEIGHT SHALL BE TESTED AT A 5,500 LB. EQUIVALENT TEST WEIGHT PER 40 CFE PART 86.129.94

LIMO PREP PACKAGE USES P225/75R15 TIRES

E.O.# A-10-627

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: FORD MOTOR COMPANY Eng. Family: VFM4.6V8GKEL

Evap Standard: 50K Useful life with R/L X Evaporative Family: VFM1190AYMED

Exhaust Std: Tier 0__Tier1 X TLEV__LEV __ULEV__ ZEV__; EPA Tier 0__Tier1 X

Vehicle Class(es): PC X LDT1__LDT2__MDV1__MDV2__MDV3__MDV4__MDV5__

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2__ Diesel: 13CCR 2282__or 40CFR86.113.90__or -94
M85__CNG__LPG__Other (specify)_____

Fuel Type(s): Dedicated__Flex-Fuel__Dual-Fuel__Gasoline X Diesel__M85__
CNG__LNG__LPG__Other (specify) _____

Hybrid: Type A__B__C__ , APU Cyle (e.g., Otto, Diesel, Turbine)_____

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

Engine: Front X Mid.__ Rear__ Drive: FWD X RWD__ 4WD-FT__ 4WD-PT__

Exhaust ECS & Special Features:(incl. CARB, MFI) 2TWC(2) /2HO2S(2)/EGR, SFL
(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 (PCM) Part No. -12A650-	EGR System Part No. -9D475/9D477-	Catalyst Part No. -5E212-
718ER10A	LINCOLN VFL1	A	4250	8.2	F7VF-BB	F6AE-BA/F6AE-AE	F6AC-DA/DB
	LINCOLN VFL2	A	4750	8.1			
	LINCOLN VFL3	A	5250	8.2			
	LINCOLN VFL4	A	5500(1)	7.8			
	LINCOLN VFL5	A	6000(1)	7.5			
	LINCOLN VFL6 (HEARSE)	A	6000(1)	16.4			

(1)LIGHT DUTY VEHICLES OVER 5,750 LBS. LOADED VEHICLE WEIGHT SHALL BE TESTED AT 5,500 LB. EQUIVALENT TEST WEIGHT PER 40 CFEPART 86.129.94

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Evap Standard: 50K X Useful life with R/L___ Evaporative Family: VFM1190AYMED

Exhaust Std: Tier 0__Tier1 X TLEV__LEV __ULEV__ ZEV__; EPA Tier 0__Tier1 X

Vehicle Class(es): PC X LDT1__LDT2__MDV1_MDV2__MDV3__MDV4__MDV5__

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1,MDV1,MDV2,MDV3,MDV4)

Exh Cert Fuel(s): Indo X Ph2__ Diesel: 13CCR 2282__or 40CFR86.113.90__or -94
M85__CNG__LPG__Other (specify)_____

Fuel Type(s): Dedicated__Flex-Fuel__Dual-Fuel__Gasoline X Diesel__M85_
CNG__LNG__LPG__Other (specify) _____

Hybrid: Type A__B__C__ , APU Cyle (e.g., Otto, Diesel, Turbine)_____

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Exhaust ECS & Special Features:(incl. CARB, MFI) 2TWC(2) /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 (PCM) Part No. -12A650-	EGR System Part No. -9D475/9D477-	Catalyst Part No. -5E212-
718ER11A	LINCOLN VFL1	A	4250	8.2	F7VF-BE	F6AE-BA/F6AE-AE	F6AC-DA/DB
	LINCOLN VFL2	A	4750	8.1			
	LINCOLN VFL3	A	5250	8.2			
	LINCOLN VFL4	A	5500(1)	7.8			
	LINCOLN VFL5	A	6000(1)	7.5			
	LINCOLN VFL6 (HEARSE)	A	6000(1)	16.4			

(1)LIGHT DUTY VEHICLES OVER 5,750 LBS. LOADED VEHICLE WEIGHT SHALL BE TESTED AT 5,500 LB. EQUIVALENT TEST WEIGHT PER 40 CFEPART 86.129.94

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