State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-722
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 medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: VFM5.4J8G1EK Displacement: 5.4 Liters (326 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Dual Heated Oxygen Sensors
Heated Oxygen Sensor
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 (in-use compliance standards in parentheses) for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
5751-8500	50,000	0.39 (0.49)	5.0 (6.2)	1.1 (1.4)	12.5 (12.5)
	120,000	0.56 (n/a)	7.3 (n/a)	1.53 (n/a)	n/a

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
5751-8500	50,000	0.20	1.7	0.6	5.2
	120,000	0.28	2.2	0.65	n/a

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.).

BE IT FURTHER RESOLVED: That based on a compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance 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 the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 50 percent of the manufacturer's projected sales of 1997 model-year California-certified medium-duty vehicles will be subject to alternative in-use compliance as stipulated in the above-referenced 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").

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 16th day of July 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-722

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM5.4J8G1EK

Evap Standard: 50K ___ Useful Life with R/L X Evap Family: VFM1155AYMGB
R/L Test Procedure: Point Source
Exhaust Std: Tier 0 _ Tier 1 X TLEV _ LEV _ ULEV _ ZEV _ ; EPA Tier 0 ___ Tier 1 ___

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

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

Exh Cert Fuel(s): Indo _ Ph2 X 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) _____
Service Accum: Mod AMA
Engine Config: V-8 Liter (CID): 5.4 (326)

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

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

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
746QR00A/N	E-150 RVL	A	6000	16.0	F7UC-RA	F75E-CA	F7UA-5E212-KA
746QR00A/N	E-150 CWL	A	6500	15.7			
748QR00A/N	E-250 RVL	A	6500	17.3			
748QR00A/N	E-250 RVL	A	7000	17.0			
748QR00A/N	E-250 SVL	A	6500	16.2			
748QR00A/N	E-250 SVL	A	7000	17.9			
774UR00A/N	E-350 CWL	A	7500	17.5	F7UC-UA	F75E-CA	F7UA-5E212-KA
774UR00A/N	E-350 SVL	A	7500	17.7			
774UR00A/N	E-350 SWL	A	7500	17.0			
774UR00A/N	E-350 RVL	A	7500	18.8			
774VR00A/N	E-350 CWL	A	7500	17.5	F7UC-VA	F75E-CA	F7UA-5E212-KA
774VR00A/N	E-350 SVL	A	7500	17.7			
774VR00A/N	E-350 SWL	A	7500	17.0			
774VR00A/N	E-350 RVL	A	7500	18.8			

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Manufacturer: Ford Motor Company Exhaust Engine Family: VFM5.4J8G1EK

Evap Standard: 50K ___ Useful Life with R/L _X_ Evap Family: VFM1155AYMGB

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

Vehicle Class(es): PC _ LDT1 _ LDT2 _ MDV1 _ MDV2 _ MDV3 X 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 _ Ph2 X 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): 5.4 (326)

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

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

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
746QR06A/N	E-150 RVL	A	6000	16.0	F7UC-RC	F75E-CA	F7UA-5E212-KA
746QR06A/N	E-150 CWL	A	6500	15.7			
748QR06A/N	E-250 RVL	A	6500	17.3			
748QR06A/N	E-250 RVL	A	7000	17.0			
748QR06A/N	E-250 SVL	A	6500	16.2			
748QR06A/N	E-250 SVL	A	7000	17.9			
774UR06A/N	E-350 CWL	A	7500	17.5	F7UC-UC	F75E-CA	F7UA-5E212-KA
774UR06A/N	E-350 SVL	A	7500	17.7			
774UR06A/N	E-350 SWL	A	7500	17.0			
774UR06A/N	E-350 RVL	A	7500	18.8			
774VR06A/N	E-350 CWL	A	7500	17.5	F7UC-VC	F75E-CA	F7UA-5E212-KA
774VR06A/N	E-350 SVL	A	7500	17.7			
774VR06A/N	E-350 SWL	A	7500	17.0			
774VR06A/N	E-350 RVL	A	7500	18.8			

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Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1155AYMGB

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

Vehicle Class(es): PC _ LDT1 _ LDT2 _ MDV1 _ MDV2 _ MDV3 X 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 _ Ph2 X 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): 5.4 (326)

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746QR10A/N	E-150 RVL	A	6000	16.0	F7UC-RD	F75E-CA	F7UA-5E212-KA
746QR10A/N	E-150 CWL	A	6500	15.7			
748QR10A/N	E-250 RVL	A	6500	17.3			
748QR10A/N	E-250 RVL	A	7000	17.0			
748QR10A/N	E-250 SVL	A	6500	16.2			
748QR10A/N	E-250 SVL	A	7000	17.9			
774UR10A/N	E-350 CWL	A	7500	17.5	F7UC-UD	F75E-CA	F7UA-5E212-KA
774UR10A/N	E-350 SVL	A	7500	17.7			
774UR10A/N	E-350 SWL	A	7500	17.0			
774UR10A/N	E-350 RVL	A	7500	18.8			
774VR10A/N	E-350 CWL	A	7500	17.5	F7UC-VD	F75E-CA	F7UA-5E212-KA
774VR10A/N	E-350 SVL	A	7500	17.7			
774VR10A/N	E-350 SWL	A	7500	17.0			
774VR10A/N	E-350 RVL	A	7500	18.8			