State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-725
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: VFM5.8J8G1EK Displacement: 5.8 Liters (351 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converters (two)
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	0.16	2.9	0.2	6.3
	120,000	0.22	3.5	0.20	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 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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 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 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.

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 29th day of April 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.#A-10-725

1997 MODEL YEAR SUPPLEMENTAL DATA SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS
PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: VFM5.8J8G1EK (V5.8J)

Engine Code Types: CA X 49S___ 50S___ Evaporative Emissions Family: VFM1045AYMBB

Exh Std: Tier-0___ Tier-1 X TLEV___ LEV___ ULEV___ ZEV___ EPA TIER-0___ TIER-1___
Evap Std: 50K X Useful Life with R/L___ In-Use Exh Std: Full In Use___ Alt In Use X
Veh 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 X Ph2___ Diesel: 13 CCR 2282___ or 40CFR 86.113-90___ or -94___
M85___ CNG___ LPG___ Other (specicy)
Fuel Type(s): Dedicated___ Flex Fuel___ Dual-Fuel___
Gasoline X Diesel___ M85___ CNG___ LPG___ Other (specify)___
Hybrid: Type A___ B___ C___, APU Cycle (eg.., Otto, Diesel, Turbine)___

Engine Config V - 8 Displacement: 5.8L (351) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 210 @ 3600 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT X

Exhaust Control System and Special Features TWC(2)HO2S, EGR, SFI, 2HO2S
(Use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST	Vehicle Models (if coded see attachment)	Trans. Type A-Automatic M-Manual	ETW or Test Wt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
676SR11N	F350 CREW SRW 2WD	A	7500	*	F6TF-ADE	F4TE-AA	F6TA-MB
676SR11A	F350 CREW SRW 2WD	A	7500				
676TR11N	F350 RKL 2WD	A	7000	*	F6TF-AEE	"	"
676TR11A	F350 RKL 2WD	A	7000				
676TR11N	F250 RKL 2WD	A	6500				
676TR11A	F250 RKL 2WD	A	6500				
676TR11N	F250 SKL 2WD	A	7000				
676TR11A	F250 SKL 2WD	A	7000				
676TR11N	F350 CRW DRW 2WD	A	7500				
676TR11A	F350 RKL 2WD	A	7000				
676TR11N	F250 RKL 2WD	A	6500				
676TR11A	F250 RKL 2WD	A	6500				
676TR11N	F250 SKL 2WD	A	7000				
676TR11A	F250 SKL 2WD	A	7000				
676SR11N	F350 CREW DRW 2WD	A	7500	*	F6TF-ADE	"	"
676SR11A	F350 CREW DRW 2WD	A	8000				
676SR11N	F350 RKL DRW 2WD	A	7500				
676SR11A	F350 RKL DRW 2WD	A	7500				
676TR11N	F250 RKL 4WD	A	7000	*	F6TF-AEE	"	"
676TR11A	F250 RKL 4WD	A	7000				
676TR11N	F250 SKL 4WD	A	7000				
676TR11A	F250 SKL 4WD	A	7000				
676SR11N	F350 CREW SRW 4WD	A	7500	*	F6TF-ADE	"	"
676SR11A	F350 CREW SRW 4WD	A	7500				
676TR11N	F350 RKL 4WD	A	7000	*	F6TF-AEE	"	"
676TR11A	F350 RKL 4WD	A	7000				

* See page 20.09.17.02 - 2

1997 MODEL YEAR SUPPLEMENTAL DATA SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS
PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

FORD MOTOR COMPANY

Exhaust Engine Family: VFM5.8J8G1EK (T5.8J)

EO # A-10-725

1997 DPA CHART

		< - - -	NON -	AC	- - - >	< - - -	A	C	- - - >
VEHICLE LINE	ETW	CDT	CODE	DPA	TRLHP (HP)	CDT	CODE	DPA	TRLHP (HP)
The Following Vehicles Are Certified Using ALVW (Adjusted Loaded Vehicle Weight) ETWs & DPAs (>8500# GVW)									
F-SERIES - (HD)									
F-250 4X2	5250	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
ALL TRANS	5500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
	6500	17.56	(C)	14.9	22.82	16.55	(C)	16.3	24.21
	7000	16.89	(C)	14.6	22.84	17.85	(C)	16.0	24.17
	7500	20.22	(C)	14.5	22.86	19.06	(C)	15.9	24.26
F-250 4X4	5000	13.16	(C)	16.9	23.42	12.56	(C)	18.3	24.54
ALL TRANS	5500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
	6500	15.92	(C)	17.1	25.17	15.09	(C)	18.5	26.55
	7000	16.80	(C)	17.5	25.88	15.94	(C)	18.9	27.07
	7500	17.68	(C)	17.8	26.15	16.79	(C)	19.2	27.54
F-350 4X2 SRW	5250	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
ALL TRANS	5500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
	6500	17.56	(C)	14.9	22.82	16.55	(C)	16.3	24.21
	7000	16.89	(C)	14.6	22.84	17.85	(C)	16.0	24.17
	7500	20.22	(C)	14.5	22.86	19.06	(C)	15.9	24.26
F-350 4X4 SRW	6000	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
ALL TRANS	6500	15.38	(C)	18.4	26.05	14.61	(C)	19.8	27.42
	7000	16.39	(C)	18.5	26.33	15.55	(C)	19.9	27.75
	7500	17.39	(C)	18.3	26.59	16.53	(C)	19.7	27.97
	8000	18.40	(C)	18.2	26.80	17.46	(C)	19.6	28.24
F-350 4X2 DRW	6000	.....	(CB)	22.0	.....	.....	(CB)	23.5	.....
	7500	16.57	(C)	18.3	27.90	15.81	(C)	19.7	29.24
	8000	17.40	(C)	17.9	28.34	16.64	(C)	19.3	29.64
F-350 4X2 SRW CC	6000	13.16	(C)	22.7	28.10	12.49	(C)	24.1	29.81
	46.2 SQ.FT								
F-350 4X2 DRW CC	7000	9.34	(C)	32.4	46.20	9.07	(C)	33.8	47.57
	84.6 SQ.FT								
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BIAS TIRE	8000	12.41	(C)	24.1	39.74	11.99	(C)	25.5	41.13
RADIAL TIRE	8000	12.87	(C)	26.5	38.32	12.30	(C)	27.9	40.09
	50.4 SQ.FT								
E-SERIES(VN127) - (HD)									
ECON. E-250 REGULAR VAN									
4.2L/4R70W	7000	18.12	(A)	15.6	23.83	17.12	(A)	17.0	25.23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5.4L/E4OD	7000	17.76	(A)	15.6	24.32	16.79	(A)	17.0	25.72
ECON. E-250 SUPER VAN									
4.2L/4R70W	7000	18.27	(A)	14.9	23.64	17.25	(A)	16.3	25.04
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5.4L/E4OD	7000	17.90	(A)	14.9	24.13	16.92	(A)	16.3	25.53
ECON. E-250 CUTAWAY	6000	14.00	(A)	18.0	26.42	13.28	(A)	19.4	27.85
ALL TRANS	6500	15.17	(C)	18.0	26.41	14.39	(C)	19.4	27.84
53 SQ.FT.	7000	16.34	(A)	18.0	26.41	15.50	(A)	19.4	27.84
	.....	.....	.....	.....	.....	.....	.....	.....	.....

(C) Certification point, (R) Regressed point,
(A) Adjusted, (CB) Cookbook, (EST) Estimate, (P) Projection

% = ETW/ALVW $ = ALVW