State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-726 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: VFM6.8J8G1EK <u>Displacement</u>: 6.8 Liters (411 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 for this engine family in grams per mile are:

Test Weight (1bs.)	Miles	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>
5751-8500	50,000	0.39	5.0	1.1
	120,000	0.56	7.3	1.53

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

Test Weight (1bs.)	Miles	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>
5751-8500	50,000	0.22	1.3	0.3
	120,000	0.30	2.1	0.42

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 27^{12} day of June 1996.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

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

Mfgr. FORD M	OTOR COMPANY	Exha	aust Engin	e Fami	lly: <u>VFM6.83</u>	GIEK (V6.8	<u>J}</u>
Engine Code Ty	pes: CA <u>X</u> 495	_ 50S					
Evap Emissions	Family: VFM1155.	AYMHD					
Exh Std: Tier-	-0Tier-1_X	TLEV LEV_	ULEV_	ZE	V EPA TI	ER-0 T	IER-1
Evap Std: 50K	<pre> ⟨ Useful Life </pre>	with R/LX	In-Use Ex	h Std:	Full In Use	X Alt I	n Use
Veh Class(es):	PCLDT1	LDT2MDV	LMDV2	<u>A/</u>	MDV3 X MDV	74 MDV5	_
Single Cert St	d for Multi-Clas	s Eng Fam: N/	'A (spe	cify:	N/A, LDT1,MD	V1,MDV2,MD	V3,MDV4)
Exh Cert Fuel	(s): Indo X Ph2	Diesel: 1	l3 CCR 228 Other (spe	2cify)	or 40CFR 86.1	.13-90 o	r -94
<pre>Fuel Type(s):</pre>	M85 CNG Dedicated F Gasoline X Di	lex Fuel M85	Dual-Fuel_ CNG	-LPG	Other (s	specify)	
Hybrid: Type	A B C	, APU Cycl	e (eg, (tto,	Diesel, Turb	ine)	
Engine Config	V-Block Displ	acement: 6.	8L (411 ci	.)	Liters (Cul	oic Inches)	
Engine: Front	2 t_X Mid_ Rea	r Dri	ve: Fwd_	RW	DX 4WD-FT	4WD-P1	·
Exhaust Contro	ol System and Spe	cial Features	TWC, HO2	s(2)EG	R, SFI, tions per SA	È J1930 SE	91)
		M		DPA			Catalytic
	Vehicle Models	Trans. Type A-Automatic	or	or	(ECM/PCM)		
	attachment)		Test Wt	RLHP	Part No.	Part No.	Part No.
CA/ 4951/ 5051	40040121101107						
796TR00N	E350 CWL 2WD	A(DE)		*	F7UF-KA	F7UE-AA	F7UA-PA
796TR00A	E350 CWL	A(DE)	7500				
796TR00N	E350 SVL	A (DE)	7500				
796TR00A	E350 SVL	A(DE)	7500				
796TR00N	E350 SVL 15-P	A(DE)	8000				
796TR00N	E350 SWL 12-P	A(DE)	7500				
796TR00A	E350 SWL 15-P	A(DE)	8000				
796TR00A	E350 SWL 15-P E350 SWL 12-P	A(DE)	8000				
796TR00N	E350 RVL	A(DE)	7500				
796TR00A	E350 RVL	A(DE)	7500				
			75.00		D711D 2D	F7UE-AA	F7UA-PA
796TR06N	E350 CWL 2WD	A(DE)	7500	*	F7UF-KB	E /UE-AA	t /OA-IA
796TR06A	E350 CWL	A(DE)	7500				
796TR06N	E350 SVL	A(DE)	7500				
796TR06A	E350 SVL	A(DE)	7500				
796TR06N	E350 SVL 15-P	A(DE)	8000				
796 TR06N	E350 SWL 12-P	A(DE)	7500				
796TR06A	E350 SWL 15-P	A(DE)	8000	7		agreement of the same	7.
796TR06A	E350 SWL 12-P	A(DE)	8000	/	Last Character	/ 1/-1	,,,,,
796TR06N	E350 RVL	A(DE)	7500	- 1	in Engine Code:	Vehicle Mod	el Codes: \
796TR06A	E350 RVL	A(DE)	7500	1	N = no A/C	lst charact	
<u> </u>	<u> </u>				A - A/C	R = regul	
	\			/		C = club	}
						2nd charact K = cab	
≠ Engine Eggiller W						V = van	
Engine Family: V	<u>0.00</u>	20 r	9.17.02 - 1			W = wagon	Ì
	00	20.0	20.11.0£ - 1			3rd charact	
Issue Date: 5-22						S = short L = long	/
Revised: JUL	1 6 1996					\	
							

SUPPLEMENTAL DATA SHEET

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.
796TR10N	E350 CWL 2WD	A(DE)	7500	*	F7UF-YD	F75E-CA	F7UA-PA
796TR10A	E350 CWL	A(DE)	7500				
796TR10N	E350 SVL	A(DE)	7500		III		
796TR10A	E350 SVL	A(DE)	7500		11		
796TR16N	E350 SWL 10-P	A(DE)	7500		F7UF-YC		
796TR10N	E350 SVL 10-P	A(DE)	7500		F7UF-YD		
796TR10N	E350 SWL 15-P	A(DE)	8000		**		
796TR10N	E350 SWL 12-P	A(DE)	7500		79		
796TR16N 796TR06A	E350 SWL 10-P	A(DE)	7500		F7YF-YC		
796TROOA	E350 SWL 10-P	A(DE)	7500		F7YF-YD		
796TR10A	E350 SWL 15-P	A(DE)	8000		н		
796TR10A 796TR10A	E350 SWL 12-P	A(DE)	8000		n .		
		A(DE)	7500		11		
796TR10N 796TR10A	E350 RVL E350 RVL	A(DE)	7500		"		

Engine Family: V6.8J

Issue Date: 12-18-96 Revised:

1997 TRUCK DPA CHART

		>	NON - AC	AC	< · · ·	>	4	ပ	^ ::	to Car	Cold CO Coefficients	and:	APT	A	Ambient Dyno Coefficients	oefficients	Treck Fore	reck Force Coefficients
VEHICLE URE	Æ	ë	3000	4.8	TRUP (HP)	TGS	3000	DVA.	TRUM (HP)	٧	•	υ	į	∢	•	ပ	2	5
		×	* - LVW/ALVW	-	* ALVW					(HP@50)	(HP@50)	(HP @ 50)		11.853	(LBS/MPH)	(LBS/(MPH) '2)	(183)	(18S/JMPH) 2)
6 COMOUNE 5-350	7500	10.02	ŝ	1.4	25.06	17.08	₹	18.6	27.07								76.33	0.04852
24	L																	
E400 THANS																		
LT245/75R10 A/S THE										Ì								
								:				:	: 1		:			
ECONOLINE E-350 0	200	18.00	₹	16.2	25.68	17.07	¥	17.6	27.08								76.49	0.04653
5.4L COMMUTER VAN																		
£400 TRANS													1					
11245/75R16 A/S TIRE																		
ECONOLINE E-350	7500	18.24	¥	16.3	25.35	17.29	₹	17.7	26.74								78.40	0.04554
5,4/6.8L SUPER VAN																		
E400 TRANS																		
LT245/75R10 A/S TIME													7					
	:	: : : :				: : : :					: : : :						:	1
ECOMOLINE E-350	7500	18.10	₹	18.1	73.52	17.16	ŝ	17.5	28.94				1				75.55	0.04647
5.4/6.8L CLUB WAGON																		
E40D TRANS																		
LT225/75A10 A/S TIRE																		
L1245/75810 A/S TIRE																-	-	
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ECONOLINE E-350	7500	17.98	3	15.0	25.71	17.05	3	17.0	27.12								79.07	0.04558
5.4/6.BL SUPER WAGON	0000	18.11	(v)	15.3	25.01	18.13	3	10.7	27.20								79.64	0.04562
E400 TRANS							ļ											
11245/25818 A/S TIME																		

Engine Family: V6.8J

Issue Date: 6-21-96 Revised: JUL 1 6 1996

20.09.17.02 - 2

(G) Certification point, (R) Regressed point, (A) Adjusted. (CB) Cookbook, (M) Projection 97DPATRK.kls

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