State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-689 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 1997 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: VFM3.0VJG1EK Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters 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	Carbon	Nitrogen	Carbon	
	Hydrocarbons	<u>Monoxide</u>	<u>Oxides</u>	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	Carbon	Nitrogen	Carbon	
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	Monoxide (20 [°] F)	
50,000	0.18	1.1	0.1	2.3	
100,000	0.23	1.5		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 de

1211

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.#	A-10-689
E.U.#	W-10 003

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

Page<u>1</u>

	FORD MOTOR COM	IDANV	Evh Ena	Fam: VF	M3.OVJG1EKE	vap Fam: <u>VFM1</u>	<u> 115AYMEB</u>
Manufacturer:_	FORD MOTOR COM	MANI AOS	EXILENS	ns	AB965		
All Eng Codes	in Eng Fam: CA_ ier-1_x_ TLE	<u>X</u> 493		III EV	7FV :	US EPA T	ier-1
Exh Std: CA T	ier-1 <u>x</u> ILE	/ L	.EV	ULLV Usa Evh	Std. Full In	usex Alt	In Use
Evap Std: 50K	ier-l <u>x</u> llev Useful Life	with K/L	. <u>X</u> 111-	MU 026 EYII	wa MDV3	MDV4	MDV5
	IDT1	1012	MIIVI	לוויו	WZ 11010		
and a set of the English n/a (SDPC) TV: N/A (SDPC)							
Fuel Type(s): Dedicated x Flex-Fuel Dual-Fuel Bi-Fuel Gasoline Diesel CNG LNG LPG M85 Other (specify)							
	0110 1110	IDC 1	ทยร เมา	ner (Su	ecity/		
Emiss Test Fue	el(s): Indo <u>x</u>	Ph2 Cl	NG LPG	i M8	35 Other	40 CFR 86	.113-94
	011.	12 CCD 22	9 7	40 666	(00.113-30	• • • • • •	 :
Service Accum:	יים אופאפו: : Std AMA <u>x</u> M	od AMA	_ Mfr Al	DP	Other (specia	y)	Source X
		C+4	F AHT W	r r	L LEST LIDE.		
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Engine Config		Diam lacom	ONT * 4 11	,	LILLIS +		
			חסזכע	HP'	103	_ ~	
Fraince Evon	+ v Mid F	lear	Drive	: FWD_	<u>x</u>	4WU-F1 7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Exhaust ECS (e.g., MFI, EGR, 1	rc, cac):_	<u>2TWC,</u>	2H02S(<u>2), EGR, SFI</u> viations per :	SAE J1930 SEPS	01)
						CCD 1	Catalytic
Engine Code	Vehicle Models	Trans.	ETW or	DPA or	Ignition (FCM/PCM)	EGR System Part No.	Converter
(also list)	(if coded see attachment)	(M5, A4 etc.)	Test Wt.		Part No.	Part No.	Part No.
<u>LA/4951/5051</u>	accacimicity)						
71400008	SABLE SEDAN	L4	3750	6.4	F7DF-HA	F5DE-EA	F6DC-LN F6DC-LM
714SR00A	SABLE SEBAM	-					
W1 40D005	CADLE S/M	L4	3875	7.0	F7DF-HA	F5DE-EA	F6DC-LN F6DC-LM
714SR00A	SABLE S/W	-		ļ			FOUC-LIN
	TAUDUS SEDAN	L4	3625*	6.0	F7DF-HA	F5DE-EA	F6DC-LN
714SR00A	TAURUS SEDAN						F6DC-LM
	TAUDUC C/U	L4	3875	7.0	F7DF-HA	F5DE-EA	F6DC-LN
714SR0 0A	TAURUS S/W						F6DC-LM
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Date Issued: 5/2/96

Revisions:

FORD ELECTS TO CONDUCT TESTS IN THE NEXT HIGHER ETW.