File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-611
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year Ford Motor Company exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: SFM4.9J8G1JA Displacement: 4.9 Liters (300 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Plus Oxidation Catalytic Converter
Secondary Air Injection
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 (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
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 (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
5751-8500	50,000	0.18	2.3	0.5
	120,000	0.23	2.7	0.89

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" (Title 13, California Code of Regulations, Section 2235) for the aforementioned model-year.

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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

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 August, 1994.

Norman Kaye for
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-611

1995 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: SFM4.9J8G1JA (S4.9J1J)

Engine Code Types: CA X 49S___ 50S___ Evaporative Emissions Family: SFM1045AYM0A

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 In-Line Displacement: 4.9L (300) Liters (Cubic Inches)
Valves/Cyl: 2 Rated HP: 150 @ 3400 RPM
Engine: Front X Mid___ Rear___ Drive: Fwd___ RWD X 4WD-FT___ 4WD-PT X

Exhaust Control System and Special Features TWC, OC, AIR, HO2S, EGR, SFI
(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.
552QR00N	E150 RVL-RV 2WD	A	6000	*	F5TF-LA	F4TE-AA	F5UA-TA
552QR00N	E150 RVL 2WD	A	6000				
552QR00A	E150 RVL-RV 2WD	A	6000				
552QR00A	E150 RVL 2WD	A	6000				
552QR00N	E150 CWL 2WD	A	6000				
552QR00A	E150 CWL 2WD	A	6000				
552QR00N	E250 RVL 2WD	A	7000				
552QR00N	E250 RVL 2WD	A	6000				
552QR00A	E250 RVL 2WD	A	7000				
552QR00A	E250 RVL 2WD	A	6000				
552QR00N	E250 SVL 2WD	A	7000				
552QR00N	E250 SVL 2WD	A	6500				
552QR00N	E250 SVL 2WD	A	7000				
552QR00N	E250 SVL 2WD	A	6500				

* See page 20.09.17.02 - 2

Engine Family: S4.9J1J

Date Issued: 7-07-94
Revised:

SUPPLEMENTAL DATA SHEET

E.O.#A-10-611

1995 DPA CHART

VEHICLE LINE	ETW LIMIT	NON A/C CDT(Sec)	NON A/C Code	NON A/C DPA(MP)	NON A/C TRLMP(MP)	A/C CDT(Sec)	A/C CODE	A/C DPA(MP)	A/C TRLMP(MP)
		OVER 6000# ETW OR OVER 8500# GVW							
F-SERIES (HD)									
. F-250 4X2 HD	5250	-----	(CB)	20.0	-----	-----	(CB)	21.5	-----
	6500								
	7000	Coastdown tested completed 4/5/94, awaiting certified DPA's by AEFEO.							
	7500								
. F-250 4X4 HD	5000	13.16	(C)	16.9	23.42	12.56	(C)	18.3	24.54
	5500	-----	(CB)	20.0	-----	-----	(CB)	21.5	-----
	6500								
	7000	Coastdown tested completed 2/21/94, awaiting certified DPA's by AEFEO							
	7500								
. F-350 4X2 SRW	5500	-----	(CB)	20.0	-----	-----	(CB)	21.5	-----
. F-350 4X2 DRW	6000	-----	(CB)	22.0	-----	-----	(CB)	23.5	-----
	7500	14.57	(C)	16.0	27.90	18.01	(C)	17.4	25.67
	8000	17.40	(C)	17.9	28.34	16.64	(C)	19.3	29.64
. F350 4X2 SRW CC	6000	13.16	(C)	22.7	28.10	12.49	(C)	24.1	29.61
	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.								
	8000	12.41	(C)	24.18	39.74	11.99	(C)	25.58	41.13
	9000	To Be Certified in 1994-95 for 1996 Model Year							
	50.4 SQ.FT.	12.87	(C)	26.58	38.32	12.30	(C)	27.98	40.09
. F-350 4X4 SRW	6000	-----	(CB)	20.0	-----	-----	(CB)	21.5	-----
	6500								
	7000	Coastdown tested completed 3/21/94, awaiting certified DPA's by AEFEO							
(ALL TRANS)	7500								
		OVER 6000# ETW OR OVER 8500# GVW							
E-SERIES (HD)									
. ECON. E-250 SVL	6000	15.69	(C)	16.48	23.57	14.86	(C)	17.88	24.89
	6000	-----	(CB)	19.58	-----	-----	(CB)	21.08	-----
. ECON. E-250 CVL	6000	-----	(CB)	19.5	-----	-----	(CB)	21.0	-----
. ECON. E-350 SVL	6000	-----	(CB)	20.0	-----	-----	(CB)	21.5	-----
	7000								
	7500	18.77	(C)	16.1	24.63	17.8	(C)	17.5	25.97
	8000								
. ECONOLINE E-350 CA/EC SRW/DRW	7000	10.03	(C)	33	43.02	9.71	(C)	34.4	44.44
	77.9 SQ.FT.								
(ALL TRANS)									
STRIPPED CHASSIS (ALL TRANS)	6000	-----	(CB)	26.5	-----	-----	(CB)	27.9	-----
	6500	-----	(CB)	26.5	-----	-----	(CB)	27.9	-----
	53 SQ.FT.								

(E) = ESTIMATED
(C) = CERTIFICATION TEST POINT
(CB) = ESTIMATED COOKBOOK DATA
TBD = NEW VEHICLE PROGRAM - NOT CERTIFIED TO DATE.
* = Indicates Sub Heading

(REG) = REGRESSED CDT
(ADJ) = DPA ADJUST (HIGHER THAN CERT DPA
(MA) = MASS ADJUSTED CDT

Vehicles >6000 ETW have DPA determined by Special Test Procedure.

Engine Family: S4.9J1J