

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:

<u>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>Non-Methane</u> <u>Hydrocarbons</u>	<u>Carbon</u> <u>Monoxide</u>	<u>Nitrogen</u> <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:

<u>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>Non-Methane</u> <u>Hydrocarbons</u>	<u>Carbon</u> <u>Monoxide</u>	<u>Nitrogen</u> <u>Oxides</u>
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 3<sup>rd</sup> day of August, 1994.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division



# SUPPLEMENTAL DATA SHEET

E.O.#A-10-611

1995 DPA Chart

VEHICLE LINE	ETW LIMIT	NON A/C			A/C				
		CDT(Sec)	Code	DPA(MP)	TRLMP(MP)	CDT(Sec)	Code	DPA(MP)	TRLMP(MP)
<b>OVER 6000# ETW OR OVER 8500# GVW</b>									
<b>F-SERIES (HD)</b>									
F-250 4x2 HD	5250 6500 7000 7500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
		Constantin tested completed 4/5/94,			awaiting certified DPA's by AEPFO.				
F-250 4x4 HD	5000 5500 6500 7000 7500	13.16	(C)	16.9	23.42	12.56	(C)	18.3	24.34
		.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
		Constantin tested completed 2/21/94,			awaiting certified DPA's by AEPFO.				
F-350 4x2 DRW	5500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
F-350 4x2 DRW	6000 7500 8000	.....	(CB)	22.0	.....	.....	(CB)	23.5	.....
		16.57	(C)	16.0	27.90	18.01	(C)	17.4	25.67
		17.40	(C)	17.9	28.34	16.64	(C)	19.3	29.64
F350 4x2 DRW CC	6000 46.2 GR.FT.	13.16	(C)	22.7	28.10	12.49	(C)	24.1	29.61
F-350 4x2 DRW CC	7000 84.6 GR.FT.	9.34	(C)	32.4	46.20	9.07	(C)	33.8	47.57
	8000	12.41	(C)	24.18	39.74	11.99	(C)	25.58	41.13
	9000	To Be Certified in 1994-95 for 1994			Model Year				
	50.4 GR.FT.	12.87	(C)	26.58	38.32	12.30	(C)	27.98	40.09
F-350 4x4 DRW	6000 6500 7000 7500	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
(ALL TRANS)		Constantin tested completed 3/21/94,			awaiting certified DPA's by AEPFO.				
<b>OVER 6000# ETW OR OVER 8500# GVW</b>									
<b>E-SERIES (HD)</b>									
ECON. E-250 SVL	6000	15.69	(C)	16.42	23.57	14.26	(C)	17.88	24.89
	6000	.....	(CB)	19.58	.....	.....	(CB)	21.08	.....
ECON. E-250 CAL	6000	.....	(CB)	19.5	.....	.....	(CB)	21.0	.....
ECON. E-350 CAL	6000	.....	(CB)	20.0	.....	.....	(CB)	21.5	.....
	7000	18.77	(C)	16.1	24.63	17.8	(C)	17.5	25.97
	7500								
	8000								
ECONOLINE E-350 CA/BC SW/SW	7000 77.9 GR.FT.	10.03	(C)	33	43.02	9.71	(C)	34.4	44.44
(ALL TRANS)									
STRIPPED CHASSIS (ALL TRANS)	6000 6500 53 GR.FT.	.....	(CB)	26.5	.....	.....	(CB)	27.9	.....
		.....	(CB)	26.5	.....	.....	(CB)	27.9	.....

(E) = ESTIMATED (REG) = REGRESSED CDT  
 (C) = CERTIFICATION TEST POINT (ADJ) = DPA ADJUST (HIGHER THAN CERT DPA)  
 (CB) = ESTIMATED COOKBOOK DATA (NA) = NAAS ADJUSTED CDT  
 T88 = NEW VEHICLE PROGRAM - NOT CERTIFIED TO DATE.  
 \* = Indicates Sub heading

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

Engine Family: S4.9J1J