

File

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-595  
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: SFM4.9H8G1JA Displacement: 4.9 Liters (300 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

- Three Way Catalytic Converter
- 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 (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.32	4.4	0.7
	120,000	0.46	6.4	0.98

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

<u>Test Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.17	2.3	0.4
	120,000	0.24	3.1	0.72

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.

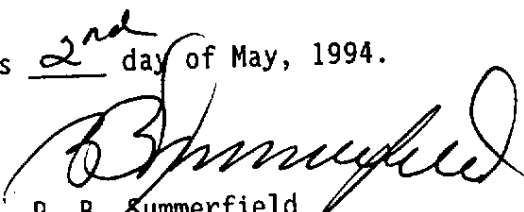
BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, 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 2<sup>nd</sup> day of May, 1994.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1995 MODEL YEAR SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: SFM4.9H8G1JA (S4.9H1J)  
 Engine Code Types: CA X 49S     50S     Evaporative Emissions Family: SFM1045AYMOA  
 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 X MDV3     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 6 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 2WD	A	5500	14.8	F5TE-LA	F4TE-AA	F5UA-TA
552QR00A	E150 RVL 2WD	A	5500	16.2			
552RR00N	F150 RKL 2WD	A	5250	14.0	F5TF-MAK	F4TE-AA	F5TA-SA
552RR00N	F150 RKS 2WD	A	5250	14.0			
552RR00A	F150 RKL 2WD	A	5250	15.4			
552RR00A	F150 RKS 2WD	A	5250	15.4			
552RR00N	F150 SKL 2WD	A	5500	14.0			
552RR00N	F150 SKS 2WD	A	5250	14.0			
552RR00A	F150 SKL 2WD	A	5500	15.4			
552RR00A	F150 SKS 2WD	A	5250	15.4			
552RR00N	F150 RKL 4WD	A	5500	14.1			
552RR00N	F150 RKS 4WD	A	5250	14.1			
552RR00N	F150 RKL 4WD	A	5500	14.1			
552RR00A	F150 RKS 4WD	A	5250	15.4			
552RR00N	F250 RKL 2WD	A	5500	14.9	F5TF-MAK	F4TE-AA	F5TA-SA
552RR00A	F250 RKL 2WD	A	5500	16.3			

Last Character  
in Engine Code:

N = no A/C  
A = A/C

Vehicle Codes:

1st character:  
R = regular  
S = super  
C = club

2nd character:  
K = cab  
V = van  
W = wagon

3rd character:  
S = short  
L = long

Engine Family: S4.9H1J

Date Issued: 4-18-94

Revised:

20.09.17.02 - 1

1995 MODEL YEAR CERTIFICATION REVIEW SHEET  
 EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS  
 PASSENGER CARS, LIGHT-DUTY AND MEDIUM-DUTY TRUCKS

Mfgr. FORD MOTOR COMPANY Exhaust Engine Family: SFM4.9H8G1JA (S4.9H1J)  
 Engine Code Types: CA X 49S\_\_\_ 50S\_\_\_ Evaporative Emissions Family: SFM1045AYMOA  
 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\_\_\_  
 Veh Class(es): PC\_\_\_ LDT1\_\_\_ LDT2\_\_\_ MDV1\_\_\_ MDV2 X MDV3\_\_\_ 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 (specify)\_\_\_  
 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)

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552RROON	E150 RVL 2WD	A	5500	14.8	F5TE-LA	F4TE-AA	F5UA-TA
552RROOA	E150 RVL 2WD	A	5500	16.2			
					F5TF-MAK	F4TE-AA	F5TA-SA
552RROON	F150 RKS 2WD	A	5250	14.0			
552RROOA	F150 RKL 2WD	A	5250	15.4			
552RROOA	F150 RKS 2WD	A	5250	15.4			
552RROON	F150 SKL 2WD	A	5500	14.0			
552RROON	F150 SKS 2WD	A	5250	14.0			
552RROOA	F150 SKL 2WD	A	5500	15.4			
552RROOA	F150 SKS 2WD	A	5250	15.4			
552RROON	F150 RKL 4WD	A	5500	14.1			
552RROON	F150 RKS 4WD	A	5250	14.1			
552RROON	F150 RKL 4WD	A	5500	14.1			
552RROOA	F150 RKS 4WD	A	5250	15.4			
552RROON	F250 RKL 2WD	A	5500	14.9	F5TF-MAK	F4TE-AA	F5TA-SA
552RROOA	F250 RKL 2WD	A	5500	16.3			
552RROON	F150 RKL 2WD	A	5250 *	14.0			

\* R/C 4.9-103

Engine Family: S4.9H1J

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Revised: 6-07-94