

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-10-14
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 1990 model-year Ford Motor Company federally-certified exhaust emission control systems are certified for sale in California as described below for gasoline-powered passenger cars:

Engine Family: LFM5.OV5HBF5 Displacement: 5.0 Liters (302 Inches³)
Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Dual Oxygen Sensors
Dual Dual-Bed Catalysts
Secondary Air Injection
Sequential Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.41	3.4	1.0

The following are the certification exhaust emission values for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.26	0.5	0.5

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 2290) for the aforementioned model-year.

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 Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

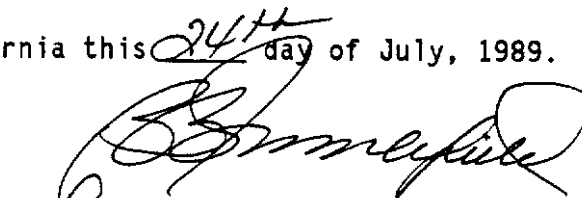
BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1990 model-year vehicles using the "Guidelines for Certification of 1983 and Subsequent Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Code of Regulations, Section 1960.5).

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 (California Health and Safety Code Section 43205).

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 ^{24th} day of July, 1989.


for K. D. Drachand, Chief
Mobile Source Division

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.0V5HBF5Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Gas X Diesel Eng. Type V-8 Liter (CID) 5.0 (302) Evap. Family HMEmission Control Sys. (Use SAE Abbrv.) EGR/HO2S/AIR/TWC/OC/SMPI
(2) Dual BedEngine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	DPA	Ign. Sys. (ECU/PROM) Part No. -12A650-	EGR Syst. Part No. -9F483-	Catalyst Part No.
822JR00A/N	FORD/MERCURY S/W	A-4	4250	12.5 (A/C) 11.4 (NAC)	E7SF-AJB E7SF-AJC (ALT) E8SF-XA (ALT)	E6AE-CA E6AE-DA (ALT) E7AE-AA (ALT) E7AE-BA (ALT)	E8AC-5E212-EA FOVC-5E212-EA (ALT) E8AC-5E214-FA FOVC-5E214-EA (ALT)
822CR00A/N	FORD/MERCURY S/W				E7SF-ACB E7SF-ACC (ALT) E8SF-ACA (ALT)		
822IR00A/N	MERCURY S/W				E7SF-ALB E7SF-ALC (ALT) E8SF-YA (ALT)		

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.OV5HBF5

Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Gas X Diesel

Eng. Type V-8 Liter (CID) 5.0 (302) Evap. Family HM

Emission Control Sys. (Use SAE Abbrv.) EGR/HO2S/AIR/TWC/OC ^{Dual Bed} /SMPI

Engine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	DPA	Ign. Sys. (ECU/PROM) Part No. -12A650-	EGR Syst. Part No. -9F483-	Catalyst Part No.
822DROOA	MARK VII	A-4	4000	10.1	E7SF-YD	E6AE-CA E6AE-DA (ALT) E7AE-AA (ALT) E7AE-BA (ALT)	E8LC-5F250-FA
822LR00A	MARK VII			8.2	E7SF-XD E9SF-SA (ALT)		

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.OV5HBF5

Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Gas X Diesel

Eng. Type V-8 Liter (CID) 5.0 (302) Evap. Family HM

Emission Control Sys. (Use SAE Abbrv.) EGR/HO2S/AIR/TWC/OC/SMPI
Deni Bed

Engine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	DPA	Ign. Sys. (ECU/PROM) Part No. -12A650-	EGR Syst. Part No. -9F483-	Catalyst Part No.
922AR00A	MUST 2DR	A-4	3500 ^{02/}	9.8	E9ZF-CA	E7AE-AA	E8ZC-5F250-DA
	MUST CONV		3750				
	MUST 3DR		3625				
	NON GT		3625				
922AR00N	MUST 2DR		3500	8.9			
	MUST CONV		3750				
	MUST 3DR		3625				
	NON GT		3625				
	GT			7.9			

02/ ACTUAL EQUIVALENT TEST WEIGHT (ETW) PER 86.129.80 AS SHOWN. HOWEVER, FORD ELECTS TO CONDUCT TESTS IN THE NEXT HIGHER ETW.

Manufacturer FORD MOTOR COMPANY Eng. Family LFM5.OV5HBF5Pass Cars X Lt-Duty Trucks Med-Duty Vehicles Gas X Diesel Eng. Type V-8 Liter (CID) 5.0 (302) Evap. Family HMEmission Control Sys. (Use SAE Abbrv.) EGR/HO2S/AIR/TWC/OC/SMPJ^{Dual Bed}Engine: Front X Mid. Rear Drive: FWD RWD X 4WD-FT 4WD-PT

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	DPA	Ign. Sys. (ECU/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No.
921AR00A	MUST 2DR	M5	3500	9.8	E9ZF-AA	E7AE-AA	E8ZC-5F250-DA
	MUST CONV		3625				
	MUST 3DR NON GT GT		3500 ^{02/}				
921AR00N	MUST 2DR		3500	8.9			
	MUST CONV		3625				
	MUST 3DR NON GT GT		3500				
921CRO0A	MUST CONV		3625	9.8	E9ZF-BA		
921CRO0N	MUST CONV			8.9			

02/ ACTUAL EQUIVALENT TEST WEIGHT (ETW) PER 86.129.80 AS SHOWN. HOWEVER, FORD ELECTS TO CONDUCT TESTS IN THE NEXT HIGHER ETW.