

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-10-31
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 1992 model Ford Motor Company federally certified exhaust emission control systems are certified for sale in California as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NFM5.0V5HBG8 Displacement: 5.0 Liters (302 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Dual Heated Oxygen Sensors
Secondary Air Injection
Dual Three-Way Catalysts
Dual Oxidation Catalysts
Sequential Multipoint Electronic Fuel Injection

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

The emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	3.4	1.0

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.22	0.9	0.5

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 emission credits for its estimated California sales of federally certified 1992 model 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 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 2290).

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 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 8th day of August, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Manufacturer FORD MOTOR COMPANY

Eng. Family NFM5.OV5HBG8

Pass Car Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline

Engine Config 90 deg. V Liter (CID) 5.0 (302) Evaporative Family HM

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) EGR/HO2S/AIR/2TWC.2OC/SMPI
(Use abbreviations per SAE J1930 Jun88)

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP (DPA)	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No.
921AR00A	MUST 2DR(ZBA)	M5	3500	15.46 ^H / _(10.9)	E9ZF-AA	E7AE-AA	FOZC-5F250-BA FOZC-5F250-CA (ALT)
				15.15 ^A / _(10.1)			
	MUST 3DR NON-GT (ZDA)	3500 ⁰² /	15.49 ^H / _(10.8)				
			15.18 ^A / _(9.6)				
	GT (ZHVB)			15.16 ^H / _(10.0)			
				14.85 ^A / _(9.1)			
	MUST CONV (ZBH)		3625	15.75 ^H / _(11.6)			
				15.45 ^A / _(10.7)			

02/ ACTUAL EQUIVALENT TEST WEIGHT (ETW) PER 86.129.80 AS SHOWN. HOWEVER, FORD ELECTS TO CONDUCT TESTS IN THE NEXT HIGHER ETW.
H/ HANDLING TIRES; A/ ALL SEASON TIRES

Manufacturer FORD MOTOR COMPANY Eng. Family NFM5.0V5HBG8

Pass Car X Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline

Engine Config 90 deg. V Liter (CID) 5.0 (302) Evaporative Family HM

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) EGR/HO2S/AIR/2TWC.2OC/SMPI
 (Use abbreviations per SAE J1930 Jun88)

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	RLHP (DPA)	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No.
921AROON	MUST 2DR (ZBA)	M5	3375	14.50 ^H / _(9.9)	E9ZF-AA	E7AE-AA	FOZC-5F250-BA FOZC-5F250-CA (ALT)
				14.29 ^A / _(9.2)			
	MUST 3DR NON-GT (ZDA)			3500 ^{O2} /			
				14.32 ^A / _(8.7)			
	GT (ZHVB)			14.30 ^H / _(9.1)			
				14.08 ^A / _(8.3)			
	MUST CONV (ZBH)		3625	14.70 ^H / _(10.5)			
				14.49 ^A / _(9.7)			

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H/ HANDLING TIRES; A/ ALL SEASON TIRES

Manufacturer FORD MOTOR COMPANY Eng. Family NEM5.0V5HBG8

Pass Car Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline

Engine Config 90 deg. V Liter (CID) 5.0 (302) Evaporative Family HM

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) EGR/HO2S/AIR/2TWC.2OC/SMPI
 (Use abbreviations per SAE J1930 Jun88)

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP (DPA)	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No	Catalyst Part No.
921CROOA	MUST CONV (ZBH)	M-5	3625	15.75 ^H / (11.6)	E9ZF-BA	E7AE-AA	FOZC-5F250-BA FOZC-5F250-CA (ALT)
921CROON				15.45 ^A / (10.7)			
				14.70 ^H / (10.5)			
				14.49 ^A / (9.7)			

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Manufacturer FORD MOTOR COMPANY

Eng. Family NFM5.0V5HBG8

Pass Car Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline

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922AR00A	MUST 2DR(ZBA)	AOD	3500 ^{02/}	15.88 ^{H/} (10.9)	E9ZF-CA	E7AE-AA	FOZC-5F250-BA FOZC-5F250-CA (ALT)
				15.57 ^{A/} (10.1)			
	MUST 3DR NON-GT (ZDA)		3625	15.91 ^{H/} (10.8)			
				15.60 ^{A/} (9.6)			
	GT (ZHVB)			15.58 ^{H/} (10.0)			
			15.27 ^{A/} (9.1)				
	MUST CONV (ZBH)		3750	16.17 ^{H/} (11.6)			
				15.87 ^{A/} (10.7)			

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^{H/} HANDLING TIRES; ^{A/} ALL SEASON TIRES

Manufacturer FORD MOTOR COMPANY Eng. Family NFM5.OV5HBC8

Pass Car X Lt-Duty Truck Med-Duty Vehicle Fuel Type Gasoline

Engine Config 90 deg. V Liter (CID) 5.0 (302) Evaporative Family HM

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) EGR/HO2S/AIR/2TWC.2OC/SMPI
(Use abbreviations per SAE J1930 Jun88)

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	RLHP (DPA)	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No.
922AR00N	MUST 2DR(ZBA)	AOD	3500 ^{02/}	14.92 ^{H/} / (9.9)	E9ZF-CA	E7AE-AA	FOZC-5F250-BA FOZC-5F250-CA (ALT)
				14.71 ^{A/} / (9.2)			
	MUST 3DR NON-GT (ZDA)		3625	14.95 ^{H/} / (9.8)			
				14.74 ^{A/} / (8.7)			
	GT (ZHVB)			14.72 ^{H/} / (9.1)			
				14.50 ^{A/} / (8.3)			
	MUST CONV (ZBH)		3750	15.12 ^{H/} / (10.5)			
				14.91 ^{A/} / (9.7)			

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Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP (DPA)	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No.
822LROOA	MARK VII(LBA)	AOD	4000	15.47 (8.2)	E7SF-XD E9SF-SA (ALT)	E6AE-CA E6AE-DA (ALT) E7AE-AA (ALT) E7AE-BA (ALT)	FOLC-5F250-AA FOLC-5F250-BA (ALT)

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