State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-132
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Ford Motor Company exhaust emission control systems for 1979 model-year gasoline-powered passenger cars are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
5.0 "AV" (1X178)	302	Exhaust Gas Recirculation, Air Injection, Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
5.0 "AV" (1X178)	0.30	1.7	1.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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 Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-10 series.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 20th day of June, 1978.

G. C. Hass by R. P. Weir

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family **5.0 "AV" (1 X 178)** Engine (CID) **302**

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

VEHICLE MODEL	BODY TYPE	BODY CODE	MODEL NAME
Lincoln	**Sedan**	**54M**	**Versailles**

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer **Ford Motor Company** Page **2**

Engine Family **5.0 "AV" (1 X 178)** Engine (CID) **302** Engine Code **9-11V-RO**

Emission Control System **EGR, AI, OC** + 10% (A/C) Yes ____ No ____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys.	Fuel System	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Versailles Sedan 54M	**A-3**	**4000**	**Ford D8DE-12127-EA**	**Ford D9DE 9510-HA** **D9DE-(1) 9510-HB**	**D80E-9D448-AA**	**(1) 12° BTDC ± 2° @ 500 RPM in neutral W/Vacuum line disconnected and plugged at distributor.** **(2) Preset at factory. Do not adjust See 1979 Ford Service Manual.** **(3) 600 ± 50 RPM in drive. All hoses connected.** **675 + 50 RPM in drive for A/C-TSP, with A/C clutch de-energized.**

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue - **Revisions (1) 083078, R/C 5.0-25, added carb. P/N**

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family 5.0 "AV" (1 X 178) Engine (CID) 302 Engine Code 9-11V-R10A

Emission Control System EGR/AI/OC + 10% (A/C) Yes ____ No ____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA, VR	Fuel System 1-VV	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Versailles Sedan 54M	A-3	4000	Ford D8DE-12127-EA	Ford D9UE-9510-JA	D80E-9D448-AA	(1) 12° BTDC @ 500 RPM in neutral W/Vacuum line disconnected and plugged at distributor. (2) Preset at factory. Do not adjust See 1979 Ford Service Manual. (3) 600 ± 50 RPM in drive. All hoses connected. 675 + 50 RPM in drive for A/C-TSP, with A/C clutch de-energized.

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue - 091178 Revisions
R/C-28