

*EO Book*

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-152  
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 are certified as described below for 1979 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
5.0 "AV" (1X150)	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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
5.0 "AV" (1X150)	0.35	3.4	1.5

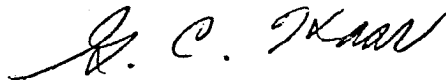
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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 4 day of August, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-152 Page 1  
 Engine Family 5.0"AV"(1X150) 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

<u>Models</u>	<u>Body Type</u>	<u>Body Code</u>	<u>Model Name</u>
Mustang	2-Door Sedan	66B	Mustang
	2-Door Sedan	66H	Mustang, Mustang Ghia
	3-Door Sedan	61R	Mustang, Mustang Ghia
	3-Door Sedan	61H	Mustang, Mustang Ghia
	3-Door Sedan	61R	Official Pace Car, 63rd Indianapolis 500-mile Race, May 28, 1979. (1)
Capri	3-Door Sedan	61D	Capri
	3-Door Sedan	61H	Capri, Capri Ghia
Fairmont	2-Door Sedan	66B	Fairmont/Fairmont Ghia
	4-Door Sedan	54B	Fairmont/Fairmont Ghia
	2-Door Sedan	36R	Fairmont Futura/Fairmont Futura Ghia
	Station Wagon	74B	Fairmont, Fairmont Squire
Zephyr	2-Door Sedan	66D	Zephyr/Zephyr Ghia
	4-Door Sedan	54D	Zephyr/Zephyr Ghia
	2-Door Sedan	36R	Zephyr Z-7 /Zephyr Z-7 Ghia
	Station Wagon	74D	Zephyr/Zephyr Villager/ Zephyr Villager Ghia
Granada	2-Door Sedan	66H	Granada, Granada ESS, Granada Ghia
	4-Door Sedan	54H	Granada, Granada ESS, Granada Ghia
Monarch	2-Door Sedan	66H	Monarch/Monarch ESS/Monarch Ghia
	4-Door Sedan	54H	Monarch/Monarch ESS/Monarch Ghia

Evaporative Family: E

Date of issue 080478 Revisions: 090178, R/C All- , added Ghia model to Fairmont and Zephyr (Except Fairmont Station Wagon 74B).

(1) Added model Ref: January 8, 1978 Part II Update, 011979

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10- 152

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Ford Motor Company

Page 2  
 Engine 9-11N-ROA  
 Code\*\* 9-11N-RON

Engine Family 5.0"AV"(1X150) Engine (CID) 302

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 Part Number	Fuel System 2V Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	<u>9-11N-ROA</u> <u>MUSTANG Sedan</u> 66B	A-3	3000	Ford D8DE- 12127-EA	Ford D9ZE- 9510-AZA W/AC  D9ZE- 9510-BEA WO/AC  D9ZE- (1) 9510-AZB W/AC	D9AE- 9D448-GA	(1) 12° BTDC @ 500 RPM in neutral W/Vacuum line disconnected & plugged at distributor.  (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.  (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive with VOTM on. All hoses connected.
	61R 66H 61H <u>CAPRI Sedan</u> 61D 61H		3500				
	<u>9-11N-RON</u> <u>MUSTANG Sedan</u> 66B 61R 66H		3000				
	61H		3500				
	<u>CAPRI Sedan</u> 61D 61H		3000				

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.

\*\*Engine Code Letter Suffix (Air Condition): A - A/C, N - Non A/C, B - Both A/C & Non A/C

Date of Issue - 080478 Revisions (1) R/C-17 added carb. P/N.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-152

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Ford Motor Company Page 3  
 Engine Family 5.0 V (1X150) Engine (CID) 302 Engine 9-11S-ROA  
 Code\*\* 9-11S-RON  
 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 Part Number	Fuel System 2VV Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed					
	9-11S-ROA <u>GRANADA Sedan</u> 66H	A-3	3500	Ford D8DE- 12127-EA	Ford D9DE- 9510-HA W/AC	D8ZE- 9D448-EA	(1) 12° BTDC @ 500 RPM in neutral W/Vacuum line disconnected & plugged at distributor.					
	54H		4000									
	<u>MONARCH Sedan</u> 66H		3500					D9BE- 9510-AFA WO/AC	D9ZE-(1) 9D448-BA	(2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.		
	54H		4000									
	9-11S-RON <u>GRANADA Sedan</u> 66H 54H							3500		D9DE-(1) 9510-HB W/AC		(3) 600 + 50 RPM in drive. 700 ± 50 RPM in drive with VOTM on. All hoses connected.
	<u>MONARCH Sedan</u> 66H 54H											

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.

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Date of Issue - 080478 Revisions (1) R/C-17 added carb. & EGR P/N.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-152

Passenger Cars       Light-Duty Trucks       Medium-Duty Vehicles

Manufacturer Ford Motor Company

Page 4  
 Engine 9-11R-ROA  
 Code\*\* 9-11R-RON

Engine Family 5.0" V (1X150) Engine (CID) 302

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
				CA, VA	2V		
				Part Number	Part Number	Part Number	
	<u>FAIRMONT Sedan</u> 66B 54B 36R  Station Wagon 74B  <u>ZEPHYR Sedan</u> 66D 54D 36R  Station Wagon 74D	A-3	3500	Ford D8DE- 12127-EA	Ford D9DE- 9510-HA W/AC  D9BE- 9510-AFA WO/AC  D9DE- (1) 9510-HB W/AC	D8AE- 9D448-DA	(1) 12° BTDC @ 500 RPM in neutral W/Vacuum line disconnected & plugged at distributor.  (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.  (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive with VOTM on. All hoses connected.

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Date of Issue - 080478 Revisions (1) R/C-17 added carb. P/N.