

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-103
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 1978 model-year passenger cars are certified for the vehicles described below:

- Engine Family: 2.8 "BV" (1X160)
- Engine: 171 CID
- Transmission: 3-speed Automatic
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 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>
2.8 "BV" (1X160)	0.31	5.7	1.4

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (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.

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

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 24 day of August, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-103 Page 1

Engine Family 2.8 "BV" (1X160) Engine (CID) 171

ABBREVIATIONS

Distributor

C-Centrifugal Advance
 V-Vacuum Advance
 VR-Vacuum Retard
 HEI-High Energy Ignition
 EI-Electronic Ignition
Fuel System
 EFI, FI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CAI-Catalyst Air Injection
 CAB-Chamber Air Bleed
 DD-Dual Displacement
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 EFE-Early Fuel Evaporation
 ESAC-Electronic Spark Advance
 Control
 FI-Fuel Injection

OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 RC-Reduction Catalyst
 TC-Turbo Charged
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 (Feedback Control)
EGR Syst. Service
 I-Inspect, repair/replace
 as needed
 R-Replace

<u>Model</u>	<u>Body Type</u>	<u>Body Code</u>	<u>Model Name</u>
Pinto	2-door Sedan	62B	Pinto Pony/Pinto
	3-door Sedan	64B	Pinto
	Station Wagon Panel Delivery (1)	73B	Pinto/Pinto Squire Pinto Panel Delivery
Bobcat	3-door Sedan	64H	Bobcat
	Station Wagon	73H	Bobcat/Bobcat Villager
Mustang	2-door Sedan	60F	Mustang II
	2-door Sedan	60H	Mustang II Ghia
	3-door Sedan	69F	Mustang II/Cobra II
	3-door Sedan	69R	Mustang II Mach I

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Ford Motor Company Executive Order No. A-10-103 Page 2

Engine Family 2.8 "BV" (1 X 160) Engine (CID) 171 Engine Code 8-4N-RO

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor	Fuel System	EGR System	Tune-Up Specification
				Type c, v	Type 2 v v	Part No. Service **	
				Mfgr. Part Number	Mfgr. Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
	PINTO Sedan 62B 64B Station Wagon 73B Panel Delivery(1) BOBCAT Sedan 64H Station Wagon 73H	A-3	3000	Ford 77TF-12100 HA	Ford D8ZE- 9510-DA YB	77TF- 9D475-CA	(1) 6° BTDC @ 750 RPM in drive W/Vacuum line disconnected at distributor. (2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. (3) 750 ± 50 RPM in drive. 600 ± 50 RPM in neutral W/TSP Off. All hoses connected.

Comments: Some models have special road load HP settings.
 See page 1 for abbreviations and model codes.
 ** No service required

Date of Issue 082477 Revisions:(1) 071978 added model.

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Ford Motor Company Executive Order No. A-10-103 Page 3

Engine Family 2.8 "BV" (1 X 160) Engine (CID) 171 Engine Code 8-4N-R10

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor	Fuel System	EGR System	Tune-Up Specification
				Type c,v	Type 2 v v	Part No. Service **	
				Mfgr. Part Number	Mfgr. Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
	MUSTANG II Sedan 60F 69F 60H 69R	A-3	3500	Ford 77TF-12100 HA	Ford D8ZE- 9510-YA	77TF- 9D475-CA	(1) 6° BTDC @ 750 RPM in drive W/ Vacuum line disconnected at distributor. (2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. (3) 750 ± 50 RPM in drive. 600 ± 50 RPM in neutral W/ TSP Off. All hoses connected.
	PINTO Sedan 62B 64B 73B Station Wagon 73B		3000				
	BOBCAT Sedan 64H Station Wagon 73H						

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.
** No service required

Date of Issue 082477 Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Ford Motor Company Executive Order No. A-10-103 Page 4

Engine Family 2.8 "BV" (1 X 160) Engine (CID) 171 Engine Code 8-3N-R10

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,v Mfgr. Part Number	Fuel System Type 2 VV Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	MUSTANG II Sedan 60F 69F 60H 69R	M-4	3500	Ford 77TF-12100 EA	Ford D8ZE- 9510-VB	77TF- 9D475-EA	(1) 10° BTDC + 2° @ 800 RPM in neutral w/ Vacuum line disconnected at distributor. (2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. (3) 800 + 50 RPM in neutral drive. 600 + 50 RPM in neutral w/ TSP Off. All hoses connected.

Comments: Some models have special road load HP settings. See page T for abbreviations and model codes.

Date of Issue 091577 Revisions:
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