

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 <b>Panel Delivery (1)</b>	73B	Pinto/Pinto Squire <b>Pinto Panel Delivery</b>
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.	
				Mfgr. Part Number	Mfgr. Part Number	Service **	
	<b>PINTO</b> Sedan 62B 64B  Station Wagon 73B Panel Delivery(1) <b>BOBCAT</b>  Sedan 64H Station Wagon 73H	A-3	3000	<b>Ford</b> 77TF-12100 HA	<b>Ford</b> 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 **	
	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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