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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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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

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

Model	Body Type	Body Code	Model Name
Pinto	2-door Sedan	62B	Pinto Pony/Pinto
	3-door Sedan	64B	Pinto
	Station Wagon	73B	Pinto/Pinto Squire
	Panel Delivery (1)		**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

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 **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 Type C, V Mfgr. Part Number	Fuel System Type 2 V V Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (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 Type C,V Mfgr. Part Number	Fuel System Type 2 V V 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**	**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** **BOBCAT** **Sedan** **64H** **Station Wagon** **73H**		**3000**				

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 1 for abbreviations and model codes.

Date of Issue 091577 Revisions:
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