State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-101
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: 2.3 "A" 1X160
Engine: 140 CID
Transmission: 4 Speed Manual, 3 Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation and 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
2.3 "A" 1X160	.41	4.0	1.2

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 12 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-10-101 Page 1

Engine Family 2.3 "A" 1X160 Engine (CID) 140

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

Vehicle Line	Body Type	Body Code	Nameplate
Mustang	2-Door Sedan	60F	Mustang II
		60H	Mustang II Ghia
	3-Door Sedan	69F	Mustang II/Cobra II
		69R	Mustang II/Mach I
Fairmont	2-Door Sedan	66B	Fairmont
		36R	Fairmont Futura
	4-Door Sedan	54B	Fairmont
	Station Wagon	74B	
Zephyr	2-Door Sedan	66D	Zephyr
		36R	Zephyr Z-7
	4-Door Sedan	54D	Zephyr
	Station Wagon	74D	

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1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

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Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-2N-RO Calib.

Emission Control System AI,EGR,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 1,2V Mfgr. Holley Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mustang II 2 & 3 Door 60F 69F 69R	M-4 3.50	3000	D7EF- 12127-EA	D8BE- 9510-CA D8BE- 9510-CB D8BE- 9510-DA	D7EE- 9D475-DA	1) 6° + 2° BTDC @ 650 RPM 2) Preset at factory do not adjust see 1978 Ford service manual 3) 900 + 50 in neutral 650 + 50 in neutral W/TSP off

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Ford Executive Order No. A-10-101 Page 3

Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-2M-R10

Emission Control System AI,EGR,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 1,2V Mfgr. Holley Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Fairmont 2 & 4 Door 66B 54B 36R Station Wagon 74B Zephyr 2 & 4 Door 66D 54D 36R Station Wagon 74D	M-4 3.98	3000	D7EE- 12127-EA	D8BE- 9510-AKA	D7EE- 9D475-DA	1) 6° ± 2° BTDC @ 650 RPM 2) Preset at factory do not adjust see 1978 Ford service manual 3) 850 ± 50 in neutral 600 ± in neutral w/TSP off

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions: 110377, R/C-19

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Ford Executive Order No. A-10-101 Page 4

Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-2N-R11

Emission Control System AI,EGR,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 1,2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mustang II 60F 69F 60H 69R	M-4 3.50	3000	D7EE- 12127-EA	D8BE- 9510-AKA D8BE- 9510-AJA	D7EE- 9D475-DA	1) 6° + 2° BTDC @ 650 RPM 2) Preset at factory do not adjust see 1978 Ford service manual 3) 850 ± 50 in neutra 600 ± 50 in neutra w/TSP off

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Ford Executive Order No. A-10-101 Page 5

Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-1N-R10

Emission Control System Ai,EGR,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 Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mustang II 60F 69F 60H	A-3 (C3-8G & 8G1)	3000	D7EE-12127-HA	D8ZE-9510-RA D8ZE-9510-SA	D7EE-9D475-FA	1) 20° ± 2° BTDC @ 600 RPM 2) Preset at factory do not adjust see 1978 Ford service manual 3) 750 ± 50 in drive 600 ± 50 in neutral w/TSP off

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Ford Executive Order No. A-10-101 Page 6

Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-2N-R13

Emission Control System AI,EGR,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 1,2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mustang II 60F 69F 60H 69R	M-4 3.50	3000	D7EE-12127-EA	D8BE-9510-AKA D8BE-9510-AJA	D7EE-9D475-DA	1) 6° ± 2° BTDC @ 650 RPM 2) Preset at factory do not adjust see 1978 Ford service manual 3) 850 ± 50 in neutra 600 ± 50 in neutra w/TSP off. **For A/C Deenergize compressor clutch**

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue 11/18/77 Revisions:
R/C-32

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Ford Executive Order No. A-10-101 Page 7

Engine Family 2.3 "A" 1X160 Engine (CID) 140 Engine Code 8-2M-R15

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type Mfgr. Part Number	Fuel System Type Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Fairmont 2 & 4 Door 66B 54B 36R Zephyr 2 & 4 Door 66D 54D 36R	M-4 3.98	3000	D7EE- 12127-EA	D8BE- 9510-ANA	D7EE- 9D475-DA	1) 6° ± 2° BTDC @ 650 RPM in neutral 2) Preset at factory do not adjust see 1978 Ford service manual 3) 850 ± 50 in neutral. 600 ± 50 in neutral with TSP off.

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

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