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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-106
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: 302 "AV" (1x160)
Engine: 302 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
302 "AV" (1x160)	0.39	2.9	1.5

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

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Manufacturer Ford Motor Company Executive Order No. A-10-106 Page 1

Engine Family 302 "AV" (1X160) Engine (CID) 302

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 Model	Body Type	Body Code	Model Name
Mustang	2-Door Sedan	60F	Mustang II
		60H	Mustang II Ghia
	3-Door Sedan	69F	Mustang II/Mustang II Cobra II/ Mustang II King Cobra
		69R	Mustang II Mach 1
Granada	2-Door Sedan	66H-	Granada/Granada Ghia/Granada ESS
	4-Door Sedan	54H -	Granada/Granada Ghia/Granada ESS
Monarch	2-Door Sedan	66H -	Monarch/Monarch Ghia
	4-Door Sedan	54H -	Monarch/Monarch Ghia
Fairmont	4-Door Sedan	54B	Fairmont
	2-Door Sedan	66B	Fairmont
		36R	Fairmont Futura
	Station Wagon	74B	Fairmont/Fairmont Squire
Zephyr	4-Door Sedan	54D	Zephyr
	2-Door Sedan	66D	Zephyr
		36R	Zephyr Z-7
	Station Wagon	74D	Zephyr/Zephyr Villager

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer **Ford Motor Company** Executive Order No. **A-10-106** Page **1**

Engine Family **302 "AV" (1 X 160)** Engine (CID) **302** Engine Code **8-11Q-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 1-2 V Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Fairmont 66B 54B 36R 74B **Zephyr** 66D 54D 36R 74D	A-3	3500	Ford D8DE-12127-EA	Ford D8BE-9510-EB	D8ZE-9D448-EA	(1) 12° ± 2° @ 500 RPM in neutral, vacuum line disconnected and plugged. (2) Preset at the factory. Do not adjust. See 1978 Ford Service Manual. (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive VOTM on. 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 **081277** Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer **Ford Motor Company** Executive Order No. **A-10-106** Page **2**

Engine Family **302 "AV" (1 X 160)** Engine (CID) **302** Engine Code **8-11N-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 2V Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	MUSTANG II **60F** **60H** **69R** **69F**	**A-3**	**3500**	**Ford D7DE-12127-JA**	**Ford D8ZE-9510-HB**	**D8ZE-9D448-AA**	**(1) 10° BTDC ± 2° @ 500 RPM in neutral W/Vacuum line disconnected and plugged at distributor.** **(2) Preset at factory. Do not adjust. See 1978 Ford Service Manual.** **(3) 700 ± 50 RPM in drive W/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 **081277** Revisions:

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Manufacturer Ford Motor Company Executive Order No. A-10-106 Page 3

Engine Family 302 "AV" (1 X 160) Engine (CID) 302 Engine Code 8-11P-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 Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Granada 66H 54H **Monarch** 66H 54H	A-3	4000	Ford D8DE- 12127-EA	Ford D8BE 9510-EB	D8ZE 9D448-EA	(1) 12° BTDC ± 2° @ 500 RPM in neutral W/Vacuum line disconnected and plugged. (2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive with VOTM on. 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 081277 Revisions:

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

Manufacturer Ford Motor Company Executive Order No. A-10-106 Page 4

Engine Family 302 "AV" (1 X 160) Engine (CID) 302 Engine Code 8-11Q-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 1-2 V Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Fairmont 66B 54B 36R 74B **Zephyr** 66D 54D 36R 74D	A-3	3500	Ford D8DE-12127-EA	Ford D8BE-9510-EB	D8ZE-9D448-EA	(1) 12° ± 2° @ 500 RPM in neutral, vacuum line disconnected and plugged. (2) Preset at the factory. Do not adjust. See 1978 Ford Service Manual. (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive VOTM on. All hoses connected.

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

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1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Executive Order No. A-10-106 Page 5

Engine Family 302 "AV" (1 X 160) Engine (CID) 302 Engine Code 8-11P-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 Mfgr. Part Number	EGR System Part No. Service **	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Granada 66H 54H Monarch 66H 54H	A-3	4000	Ford D8DE-12127-EA	Ford D8BE 9510-EB	D8ZE 9D448-EA	(1) 12° BTDC ± 2° @ 500 RPM in neutral W/Vacuum line disconnected and plugged. (2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. (3) 600 ± 50 RPM in drive. 700 ± 50 RPM in drive with VOTM on. All hoses connected.

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

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