State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-75-1
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 302 "AV" (1CV1)
Engine: 302 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Model: Versailles 4 Door Sedan

BE IT FURTHER RESOLVED: That this certification is contingent upon Ford Motor Company affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Ford Motor Company listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

These vehicles are in addition to those previously certified for this engine family.

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 25 day of February, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

Translation of Body Style and Body Code

Engine Family: 302 "AV" (1CV1)

Comet

54B Comet 4 Door Sedan
62B Comet 2 Door Sedan

Granada

54H Granada 4 Door Sedan
54K Granada Ghia 4 Door Sedan
66H Granada 2 Door Sedan
66K Granada 2 Door Sedan

Maverick

54A Maverick 4 Door Sedan
62A Maverick 2 Door Sedan

Versailles

54M Versailles 4 Door Sedan

Monarch

54H Monarch 4 Door Sedan
54K Monarch Ghia 4 Door Sedan
66H Monarch 2 Door Sedan
66K Monarch Ghia 2 Door Sedan
Grand Monarch Ghia 2 Door Sedan

Mustang

60F Mustang II 2 Door Sedan
60H Mustang II Ghia 2 Door Sedan
69F Mustang II 2 + 2 3 Door Sedan
69R Mustang II Mach I 3 Door Sedan
Cobra II 3 Door Sedan

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[x] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Ford Motor Company Executive Order No. A-10-75 Page 1

Engine Family 302 "AV" (1CV1) Engine (CID) 302 Engine Code 7-11N-RO

Emission Control System AI-EGR-OC ? VR +10%(A/C) Yes [x] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V, EI Mfgr. Part Number	Fuel System Type 1-2VV Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mustang 60F 60H 69F 69R	A/T3 (C4-7D)	3500	D7DE-12127-GA	D7ZE-9510-GD	D7DE-9D448-GA	1) 12° BTDC @ 500 RPM in neutral; vacuum line disconnected and plugged at the distributor 3) 700 RPM in Drive 500 RPM in Neutral w/TSP off (A/C only)

Comments Axle Ratio: 3.00
**No Service

Date of Issue

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
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
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

[x] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Ford Motor Company Executive Order No. A-10-75 Page 2

Engine Family 302 "AV" (1CV1) Engine (CID) 302 Engine Code 7-11P-RO

Emission Control System AI-EGR-OC +10%(A/C) Yes [x] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V EI Mfgr. Part Number	Fuel System Type 1-2VV Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Granada 66H 66K 54H 54K	A/T3 C4-7F C4-7F1	4000	D7DE-12127-GA	D7ZE-9510-GD D7ZE-9510-GE	D7TE-9D448-JA	1) 12° BTDC @ 500 RPM i Neutral; Vacuum line disconnected and plu at the distributor
Monarch 66H 66K 54H 54K						3) 600 RPM in Drive 50(in Neutral w/TSP off (A/C off)
Versailles 54M	*** A/T3 C4-7P C4-7P1					2) Preset at Factory, Do Not adjust, see 1977 Ford Service Manual.

Comments Axle Ratio: 2.47, 2.50
***Alternate for Versailles
**No Service

Date of Issue 302 "AV" (ICVI)-62 022577
302 "AV" (ICVI)-64
302 "AV" (1CV1) -56 040877

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 Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
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
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Ford Motor Company Executive Order No. A-10-75 Page 3

Engine Family 302 "AV" (1CV1) Engine (CID) 302 Engine Code 7-110-R0

Emission Control System AI-EGR-OC +10%(A/C) Yes [X] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,V EI Mfgr. Part Number	Fuel System Type 1-2VV Mfgr. Part Number	EGR System Part No. Service* *	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Comet 62B 54B Maverick 62A 54A	A/T3 C4-7E C4-7E1	3500	D7DE-12127-GA	D7ZE-9510-GD D7ZE-9510-GE	D70E-9D448-GA	1) 12° BTDC @ 500 RPM in Neutral, vacuum line disconnected and plugged at the distributor 3) 600 RPM in Drive 500 RPM in Neutral w/TSP off (A/C only)

Comments Axle Ratio: 2.79
**No Service

Date of Issue 302 "AV" (1CV1) - 56 040877

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 Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
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
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company Executive Order No. A-10-75 Page 4

Engine Family 302 "AV" (1 X 160) (1CV1) Engine (CID) 302 Engine Code 8-11N-RO

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	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	A/3	3500 / 10.3	Ford D7DE-12127-JA	Ford D8ZE-9510-HB	D8ZE-9D448-AA	1) 10° ± 2° BTDC @ 500 RPM in drive with hoses disconnected and plugged at the distributor. 2) Preset at Factory. Do not adjust. See 1978 Ford Service Manual. 3) 700 RPM in drive with all hoses connected.

Comments: All models have special road load HP settings.

Date of Issue 080877 Revisions:

R/C-81