

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-59L
Relating to Approval of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 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 1976 model-year passenger cars are approved for the engine family described below:

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

Models: Ford
Maverick
Granada
Granada Ghia

Mercury
Comet
Monarch
Monarch Ghia

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model 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>
302 "A" (1CEF)	0.7	6.0	1.2

BE IT FURTHER RESOLVED: That this Executive Order is conditional upon (1) providing the Air Resources Board with a list of all operating conditions, including malfunctions, which lead to catalyst overheating and the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request; and (2) upon request of the Air Resources Board, provide all purchasers of vehicles built and sold under this Executive Order with any information which is required to be given to purchasers of similar 1976 model-year vehicles manufactured under a subsequent Executive Order.

BE IT FURTHER RESOLVED: That this Executive Order is valid for a period of sixty calendar days from the date of execution.

Vehicles approved 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 31st day of July, 1975.

G.C. Hass by M.J. Richard
G. C. Hass, Chief
Division of Vehicle Emissions Control

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-59R
Relating to Approval of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 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 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: 302 "A" (ICEF)
Engine: 302
Transmission: 3 Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Ford
Maverick
Granada
Granada Ghia

Mercury
Comet
Monarch
Monarch Ghia

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model 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>
302 "A" (ICEF)	0.7	6.0	1.2

BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this Executive Order extends the approval granted under Executive Order A-10-59L to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to Ford Motor Company submitting a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

Vehicles approved 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 1 day of October, 1975.



G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR REARCES BOARD
 SUPPLEMENTAL INFORMATION (a) A11-4 (12/1/75)
 1976 MODEL YEAR
 PASSENGER CARS LIGHT-DUTY TRUCKS

a/ 5-11Q-R3
 b/ 5-11P-R5

MANUFACTURER: FORD MOTOR COMPANY

EXECUTIVE ORDER NO. A-10-59 PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Idle RPM	Basic Timing	Idle Mixture	
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	OC Service*	TR	EGR Service*				Part No.
a/ 302"A" (1 CEF)	Maverick Comet	302	A/T3 (C4-D) 2.79 3.00	3500	C.V. EI	Ford D5DE-12127-AFA	1-2V	Ford D5DE-9510-AEA	AI EGR OC CAN	D5DE-5E212-K#A D5DE-5E212-K#B (a) D5DE-5E212-D#A	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	D5DE-9D475-AA	700 RPM in Drive 500 RPM in Neutral w/TSP off	12° BTDC @ 500RPM in Neutral Vacuum Disconnected	1) 10-60 RPM 2) 20-60 RPM in Drive Thermac-Disconected
b/ 302"A" (1 CEF)	Granada Ghia Monarch Ghia	302	A/T3 (C4-P) 2.79 3.00 3.07	4000	C.V. EI	Ford D5DE-12127-AFA	1-2V	Ford D5DE-9510-AEA	AI EGR OC CAN	Same as above		D5DE-9D475-AA	700 RPM in Drive 500 RPM in Neutral w/TSP off	4° BTDC @ 500RPM in Neutral Vacuum Disconnected	1) 10-60 RPM 2) 20-60 RPM in Drive Thermactor Disconected

(#) A number is placed in the position designated by #. This signifies the same catalyst design but different catalyst vendors.

Abbreviations:
 Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR- Vacuum Retard
 EI- Electronic Ignition

Exhaust Emission Control System
 AI - Air Injection
 EGR- Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 Evaporative Control System
 CAN- Charcoal Canister Storage

*Service
 NONE
 Misc.
 TSP - Throttle Solenoid Positioner

Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set point

MANUFACTURER: FORD MOTOR COMPANY

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfgr. Part No. Type	Mfgr. Part No. Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service* EGR	Part No. Service* EGR	Idle RPM	Basic Timing	Idle Mixture		
a/ 302 "A" (ICEF)	Maverick Comet	302	A/T3 (C4) 2.79 3.00	3500	EI, C,V	Ford D5DE-12127-AFA	1-2V	Ford D5DE-9510-AEA	AI, EGR, OC, CAN	D5DE-5E212-K#A D5DE-5E212-K#B(b) D6BE-5E212-D#A	D5DE-9D475-A#A	700 RPM in Drive 500 RPM in Neutral w/TSP Off	12° BTDC @ 500 RPM in Neutral Vacuum Disconnected	1) 10-60 RPM 2) 20-60 RPM in Neutral Thermactor Disconnected
b/ 302 "A" (ICEF)	Granada Granada Ghia Monarch Ghia	302	A/T3 (C4-P) 2.79 3.00 3.07	4000	EI, C,V	Ford D5DE-12127-AFA	1-2V	D5DE-9510-AEA	AI, EGR, OC, CAN	D5DE-5E212-K#A D5DE-5E212-K#B(b) D6BE-5E212-D#A	D5DE-9D475-A#A	700 RPM in Drive 500 RPM in Neutral w/TSP Off	4° BTDC @ 500 RPM in Neutral Vacuum Disconnected	1) 10-60 RPM 2) 20-60 RPM in Neutral Thermactor Disconnected

(#) means a number is placed in the position designated by #. This signifies the same catalytic converter design but different catalyst vendors.

- Abbreviations:**
 Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 EI - Electronic Ignition
- Exhaust Emission Control System**
 AI - Air Injection
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 Evaporative Control System
 CAN - Charcoal Canister Storage
- *Service**
 No Service
 Misc.
 TSP - Throttle Solenoid Positioner
- Tune-up Specifications**
 1) Acceptable propane speed gain range
 2) Propane speed gain set point

AIR REVISIONS BOARD

SUPPLEMENTARY INFORMATION (b) A11-4 (12/1/75)

1976 MODEL YEAR (a) 302"A" (ICEF)-8 (10/1/75)

PASSENGER CARS

LIGHT-DUTY TRUCKS

a/ 6-11P-R7 (a)

MANUFACTURER: FORD MOTOR COMPANY

EXECUTIVE ORDER NO. A-10-59 PAGE NO. 3

Engine Family	Vehicle Models (If coded attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Idle RPM	Basic Timing	Idle Mixture
					Mfgr.	Part No.	Type	Mfgr.	Part No.	Type	OC			
302"A" (ICEF)	Granada Granada Ghia Monarch Monarch Ghia	302	A/T3 (C4-R) 2.79 3.00 3.07	4000	EI, C,V	Ford D5DE- 12127-AFA	1-2V	Ford D5DE- 9510-AEA	AI EGR OC CAN	D5DE- 5E212-K#A D5DE- 5E212-K#B(b) D6BE- 5E212-D#A	<input checked="" type="checkbox"/>	700 RPM in Drive 500 RPM in neutral W/TSP off	80BTDC @500 RPM in neu- tral vacuum discon- nected	1) 10-60 RPM 2) 20-60 RPM in neutral thermac- tor dis- connected

A number is placed in the position designated by #. This means the EGR or catalyst specifications are identical but indicate different EGR or catalyst vendors.

Abbreviations:
 Distributor AI - Air Injection
 C - Centrifugal Advance EGR - Exhaust Gas Recirculation
 V - Vacuum Advance OC - Oxidation Catalyst
 VR - Vacuum Retard Evaporative Control System
 EI - Electronic Ignition CAN - Charcoal Canister Storage

*Service
 NONE
 Misc.
 TSP - Throttle Solenoid Positioner

Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set point

Ford catalyst part numbers for calibrations 6-19P-R21 and 6-19P-R17

Ford and Mercury Models

- D5AE-5E212-AE
- D5AE-5E212-CA
- D5AE-5E212-AF
- D5AE-5E212-CB
- D6AE-5E212-CA
- D6AE-5E212-EA
- D6AE-5E212-FA
- D6AE-5E212-KA
- D5AE-5E214-EB
- D5AE-5E214-JA
- D5AE-5E214-EC
- D5AE-5E214-JB
- D6AE-5E214-CA
- D6AE-5E214-SA
- D6AE-5E214-GA
- D6AE-5E212-LA

Date of Issue: April 1, 1976	

Ford catalyst part numbers for calibration 5-19N-R7X

Ford, Mercury, Torino and Montego models

- D60E-5E212-BA
- D60E-5E212-JA
- D60E-5E212-HA
- D60E-5E212-DA
- D6AE-5E212-EA
- D6AE-5E212-LA
- D6AE-5E212-KA
- D6AB-5E212-FA
- D5AE-5E214-EB
- D6AE-5E214-GA
- D6AE-5E214-SA
- D60E-5E214-MA
- D60E-5E214-DA

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Ford catalyst part numbers for patibration 5-19N-R7

Ford, Mercury, Torino and Montego models

- D60E-5E212-BA
- D60E-5E212-JA
- D60E-5E212-HA
- D60E-5E212-DA
- D6AE-5E212-EA
- D6AE-5E212-LA
- D6AE-5E212-KA
- D6AE-5E212-FA
- D5AE-5E214-EB
- D6AE-5E214-GA
- D6AE-5E214-SA
- D60E-5E214-MA
- D60E-5E214-DA

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