

R. O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-62R-1
Relating to Approval of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 39085, 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 light duty trucks are approved for the engine family described below:

Engine Family: 300 (1CMF)

Engine: 300 CID

Transmission: 4-Speed Manual

Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Ford

- F-100 Short Wheelbase (SWB) Regular Cab 2/
- F-100 Long Wheelbase (LWB) Regular Cab 1/
- F-100 Short Wheelbase (SWB) Super Cab (EC) 2/
- F-100 Short Wheelbase (SWB) Chassis Cab (CC)
- F-100 Long Wheelbase (LWB) Chassis Cab (CC)
- F-100 Short Wheelbase (SWB) Chassis Cab (CC) Super Cab (EC)

1/ Bodystyles - Styleside and Flareside Pickups

2/ Bodystyles - Styleside Pickup

BE IT FURTHER RESOLVED: That this approval 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.

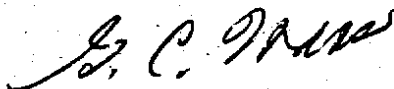
BE IT FURTHER RESOLVED: That this approval is also contingent upon Ford Motor Company listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

These vehicles are in addition to those previously approved for this engine family. This approval is valid for the full 1976 model-year.

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 29 day of December, 1975.



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

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-62L
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 light duty trucks are approved for the engine family described below:

Engine Family: 300 (1CMF)
Engine: 300 CID
Transmission: 3 Speed Automatic or 3 Speed Manual
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation
Oxidation Catalyst

Models: Ford
F-100 Short Wheelbase (SWB) Regular Cab ^{2/}
F-100 Long Wheelbase (LWB) Regular Cab ^{1/}
F-100 Short Wheelbase (SWB) Super Cab (^{EC}) ^{2/}
F-100 Long Wheelbase (LWB) Super Cab (^{EC}) ^{2/}
E-100 Short Wheelbase (SWB) Van
E-100 Long Wheelbase (LWB) Van
E-100 Short Wheelbase (SWB) Club Wagon (CW)
F-100 Short Wheelbase (SWB) Chassis Cab (CC)
F-100 Long Wheelbase (LWB) Chassis Cab (CC)
F-100 Short Wheelbase (SWB) Chassis Cab (CC) Super Cab (EC)
F-100 Long Wheelbase (LWB) Chassis Cab (CC) Super Cab (EC)

^{1/} Bodystyles - Styleside and Flareside Pickups
^{2/} Bodystyles - Styleside Pickup

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>
300 (1CMF)	0.7	7	1.8

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

Catalyst part number for calibration 6-51Y-R0

Model

E-100
SWB Van
SWB CW

D5UE-
5E212-DD
D6UE-
5E212-BA
D6UE-
5E212-BB
(b)
D6UE-
5E212-EA
(b)
D6UE-
5E212-G#A
(b)
D6UE-5E212-G#B
(c)

LWB Van

D5UE-
5E212-CD
D6UE-
5E212-AA
D6UE-
5E212-AB
(b)
D6UE-
5E212-DA
(b)
D6UE-
5E212-H#A
(b)
D6UE-
5E212-H#B
(c)

(#) Means a number is placed in the position designated by #. This number identifies the vendors for the same part.

Date of Issue: July 14, 1976

PASSENGER CARS
 LIGHT-DUTY TRUCKS

b/ 6-51U-RO
 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		Idle RPM	Basic Timing	Idle Mixture	
					Mfr. Part No.	Type	Mfr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service*				Part No. Service*
b/ 300 (1CMF)	F-100 SWB LWB SWB EC SWB CC LWB CC SWB CC EC	300	M/T3 M/T4 (c) 3.00 (a) 3.50	4000	EI, C,V	Ford D6TE- 12127-AA	1-1V	Carter D6TE- 9510-DA*	AI- EGR OC CAN	D5TE- 5E212-CF D6TE 5E212-AA D6TE- 5E212-FA (b) D6TE- 5E212-AB (b) D6TE- 5E212-J#A (b) D6TE- 5E212-J#B (d)	D6TE- 9D475-AA D6TE- 9D475-A#A	750 rpm in neutral	6° BTDC @750 rpm in neutral vacuum Discon- nected	1) 0-60 RPM 2) 5-15 RPM 3) 20 RPM Min. in neutr Themact Discon- nected
# Means a number is placed in the position designated by #. This signifies the same catalyst design but different catalyst substrate vendors. (1) See Executive Order A-10-62p-1 for explanation of vehicle model abbreviations.														

Abbreviations:
 distributor
 - Centrifugal Advance
 - Vacuum Advance
 - Vacuum Retard
 - Electronic Ignition

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

Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set point
 3) Lean speed drop (applicable only to those with a speed gain of 0 rpm.)

*Service
 None
 Misc.
 TSP - Throttle Sole-

c/ 6-52V-R0

MANUFACTURER: FORD MOTOR COMPANY EXECUTIVE ORDER NO. A-10-62 PAGE NO. 3

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Mfr. Part No.	Type	Mfr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
c/ 300 (1CMF)	E-100 SWB Van SWB CW	300	A/T3 (C4-T1 T2, T5 T6) 3.50 3.00 (a)	4000 4500	EI, C, V	Ford D6TE-12127-AA	1-1V	Carter D6TE-9510-DA	AI EGR OC CAN	D5UE-5E212-DD D6UE-5E212-BA D6UE-5E212-BB (b) D6UE-5E212-EA D6UE-5E212-G#A (b)	D6TE-9D475-AA D6TE-9D475-A#A	550 RPM in Drive	6° BTDC @550 rpm in drive Vacuum Disconnected	1) 0-60 rpm 2) 5-15 rpm 3) 20 rpm Min in neutral Thermactor Disconnected
	LWB Van			4500						D5UE-5E212-CD D6UE-5E212-AA D6UE-5E212-AB (b) D6UE-5E212-DA (b) D6UE-5E212-H#A (b) D6UE-5E212-H#B (c)				

#Means a number is placed in the position designated by #.
 This identifies the vendors for the same part.

Abbreviations:
 distributor - Centrifugal Advance
 - Vacuum Advance
 - Vacuum Retard
 Exhaust Emission Control System
 AI - Air Injection
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 Evaporative Control System
 Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set point
 3) Lean speed drop (applicable only to those with a speed gain of 0 rpm).
 *Service
 None
 Misc. TSP - Throttle Sole-

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-62R
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 light duty trucks are approved for the engine family described below:

- Engine Family: 300 (1CMF)
- Engine: 300 CID
- Transmission: 3 Speed Automatic or 3 Speed Manual
- Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation Oxidation Catalyst

- Models: Ford
- F-100 Short Wheelbase (SWB) Regular Cab 2/
 - F-100 Long Wheelbase (LWB) Regular Cab 1/
 - F-100 Short Wheelbase (SWB) Super Cab (EC) 2/
 - F-100 Long Wheelbase (LWB) Super Cab (EC) 2/
 - E-100 Short Wheelbase (SWB) Van
 - E-100 Long Wheelbase (LWB) Van
 - E-100 Short Wheelbase (SWB) Club Wagon (CW)
 - F-100 Short Wheelbase (SWB) Chassis Cab (CC)
 - F-100 Long Wheelbase (LWB) Chassis Cab (CC)
 - F-100 Short Wheelbase (SWB) Chassis Cab (CC) Super Cab (EC)
 - F-100 Long Wheelbase (LWB) Chassis Cab (CC) Super Cab (EC)

1/ Bodystyles - Styleside and Flareside Pickups
 2/ Bodystyles - Styleside Pickup

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>
300 (1CMF)	0.7	7	1.8

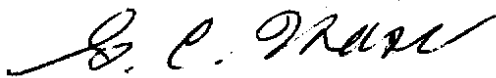
BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this Executive Order extends the approval granted under Executive Order A-10-62L to the sale of vehicles with build dates no later than December 31, 1975.

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

300 (1CMF) - 2 Amendment 1 (9/23/75)
 300 (1CMF) - 6 Amendment 2 (10/10/75)

PASSENGER CARS
 LIGHT-DUTY TRUCKS

(c) A11-29
 EXECUTIVE ORDER NO. A- 10-62

PAGE NO. 1

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			Idle RPM	Basic Timing	Idle Mixture
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	OC	TR	Part No. Service*			
a/ 300 (1CMF)	E-100 SWB Van SWB CW	300	M/T3 3.50 3.00(a)	4000 4500	EI, C,V	Ford D6TE-12127-AA	1-1V Carter D6TE-9510-DA	AI EGR OC CAN	See page 1-1	D6TE-9D475-AA D6TE-9D475-A#A	750 rpm in neutral	6° BTDC @ 750 RPM in neutral Vacuum Disconnected	1) 0-60 RPM 2) 5-15 RPM 3) 20 RPM Min in neutral Thermactor Disconnected	
	LWB Van			4500										

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

Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set point
 3) Lean speed drop (applicable only to those with a speed gain of 0 rpm.)

*Service
 None
 Misc. TSP - Throttle Sole-
 noid Positions

MANUFACTURER: FORD MOTOR COMPANY EXECUTIVE ORDER NO. A-10-62R-1 PAGE NO. 1
 Tune-up Specifications

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
					Mfgr.	Part No.	Type	Mfgr.	Part No.	Type	OC			
b/ 300 (1CMF)	F-100 SWB LWB SWB EC SWB CC LWB CC SWB CC EC	300	M/T3 M/T4 (a) 3.00 (a) 3.50	4000	EI, C,V	Ford D6TE- 12127-AA	1-1V Carter D6TE- 9510-DA	AI EGR OC CAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	750 rpm in neutral	6° BTDC @ 750 rpm in neutral Discon- nected	1) 0-60 RPM 2) 5-15 RPM 3) 20RPM Min. in neutral Thermactor Discon- nected

(#) Means a number is placed in the position designated by #. This identifies the catalyst vendors for the same part.
 (1) See Executive Order A-10-62R-1 for explanation of vehicle model abbreviations.

Abbreviations:
 Distributor - Centrifugal Advance
 - Vacuum Advance
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 *Service
 None
 Misc.
 TSP - Throttle Sole-
 noid Positioner