

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-38
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-45-1;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1975 model-year light-duty trucks are approved for the engine family described below:

Engine Family: 300 (1-CMF)
Engine: 300 CID
Exhaust Emission Control System: Exhaust gas recirculation, air injection, oxidation catalyst

Models: Ford: (A/T-3 and M/T-3)

F-100 Short Wheelbase (SWB) Regular Cab 2/
F-100 Long Wheelbase (LWB) Regular Cab 1/
F-100 Short Wheelbase (SWB) SuperCab (Extended Cab) 2/
E-100 Short Wheelbase (SWB) Van
E-100 Long Wheelbase (LWB) Van
E-100 Short Wheelbase (SWB) Club Wagon

Ford: (M/T-3)

F-100 Long Wheelbase (LWB) Supercab (Extended Cab) 2/

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 1975 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 (1-CMF)	1.6	20	1.9

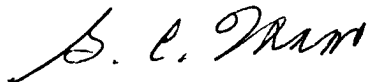
FORD MOTOR COMPANY

EXECUTIVE ORDER A-10-38

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 18 day of July, 1974.



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

PASSENGER CARS LIGHT-DUTY TRUCKS 300-10 (Rev. 3/20/75)

MANUFACTURER: Ford Motor Company EXECUTIVE ORDER NO. A-10-38 PAGE 1-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service	Part No. Service	Idle RPM	Basic Timings (BTDC)	Idle * Mixture
300 a/ (1-CMF)	F-100 SWB	300	M-3 3.70 3.50	4000	C, V	Ford D5TE-12127-AAA	1-1V	Carter D5TE-9510-AAA Carter D5TE-9510-ALB	AI EGR OC CAN	D5TE-5E212-CE No Service	D4TE-9D475-9D475-F2A No Service	700 in Neutral	120 @ 700 RPM in Neutral	1) 10-60 RPM 2) 25-45 RPM
	F-100 LWB			4000										
	F-100 EC SWB			4500										
	F-100 EC LWB			4500										
	F-100 CC LWB			4500										
	F-100 CC EC SWB			4500										
	F-100 CC EC LWB			4500										

NOTE: SWB - Short Wheelbase LWB - Long Wheelbase EC - Extended Cab CC - Chassis Cab

Abbreviations:
 Distributor: AI - Air Injection
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 Exhaust Emission Control System
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 Hyperventive Control System
 CAN - Charcoal Canister Storage
 Service: I - inspect, repair, replace as needed
 R - replace
 Misc. TSP - Throttle Solenoid Positioner
 Tune-up Specifications: 1) Acceptable propane speed gain range
 2) Propane speed gain set range
 *Thermactor disconnected & transmission in Neutral

a/ 5-51U R-2

PASSENGER CARS

LIGHT-DUTY TRUCKS

Revised 12/26/74

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-38

PAGE NO. 1

Engine Family (1-CMF)	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No.	Part No.	Idle RPM	Basic Timing (BTDC)	Idle * Mixture	
F-100 SWB		300	M-3 3.70	4000	C, V	Ford D5TE-12127-AAA	I-IV	Carter D5TE-9510-ALA	AI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	D5TE-9D475-9D475-9D475- Service	D4TE-9D475- Service	700 in Neutral	120 @ 700 RPM in Neutral	1) 10-60 RPM 2) 25-45 RPM
F-100 LWB				4000											
F-100 EC SWB				4500											
F-100 EC LWB				4500											
F-100 CC SWB				4500											
F-100 CC LWB				4500											
F-100 CC LWB				4500											

NOTE: SWB - Short Wheelbase LWB - Long Wheelbase EC - Extended Cab CC - Chassis Cab

Abbreviations: Exhaust Emission Control System
 Distributor AI - Air Injection
 C - Centrifugal Advance EGR - Exhaust Gas Recirculation
 V - Vacuum Advance OC - Oxidation Catalyst
 VR - Vacuum Retard Evaporative Control System
 CAN - Charcoal Canister Storage
 Service I - inspect, repair, replace as needed
 R - replace Misc. TSP - Throttle Solenoid Positioner
 Tune-up Specifications I) Acceptable propane speed gain range
 2) Propane speed gain set range
 *Thermactor disconnected & transmission in Neutral

PASSENGER CARS

LIGHT-DUTY TRUCKS

300-10 (Rev. 3/20/75)

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-38

PAGE NO.2-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	Part No. Service	EGR Part No. Service	Idle RPM	Basic Timing (BTDC)
300 a/ (1-CMF)	E-100 VAN SWB	300	M-3 3.70 3.50	4000 4500	C,V	Ford D5TE-12127-NA	1-1V	Carter D5UE-9510-GA Carter D5UE-9510-EA Carter D5UE-9510-GB	AI EGR OC CAN	D5UE-5E212-CD D5UE-5E212-DD No Service	D4TE-9D475-F1A D4TE-9D475-F2A No Service	700 in Neutral	12° @ 700 RPM in Neutral	1) 10-60 RPM 2) 25-45 RPM
	E-100 VAN LWB			4500										
	E-100 CW SWB			4500										
	Note: SWB - Short wheelbase LWB - Long wheelbase					CW	Club Wagon							

Above Table:
 Distributor: Exhaust Emission Control System
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 AI - Air Injection
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst
 Evaporative Control System
 CAN - Charcoal Canister Storage
 Service: I - inspect, repair, replace as needed
 R - replace
 Misc.
 TSP - Throttle Solenoid Positioner
 Tune-up Specifications:
 1) Acceptable propane speed gain range
 2) Propane speed gain set range
 *Thermactor disconnected & transmission in Neutral

PASSENGER CARS LIGHT-DUTY TRUCKS EXECUTIVE ORDER NO. A-10-38 PAGE NO. 2

Revised 12/26/74

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 (BTDC)	Idle * Mixture	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>				Part No.
300 a/ (1-CMF)	E-100 VAN SWB	300	M-3 3.70 3.50	4000 4500	C, V	Ford D5TE-12127-NA	1-1V	Carter D5UE-9510-GA Carter D5UE-9510-EA	AI EGR OC CAN	D5UE-5E212-CD D5UE-5E212-DD No Service	D4TE-9D475-9D475- F2A No Service	700 in Neutral	12° @ 700 RPM in Neutral	1) 10-60 RPM 2) 25-45 RPM
	E-100 VAN LWB			4500										
	E-100 CW SWB			4500										

Note: SWB - Short Wheelbase LWB - Long Wheelbase

CW - Club Wagon

Abbreviations:

- Distributor
- C - Centrifugal Advance
- V - Vacuum Advance
- VR - Vacuum Retard
- Exhaust Emission Control System
- AI - Air Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- Evaporative Control System
- CAN - Charcoal Canister Storage
- Service
- I - inspect, repair, replace as needed
- R - replace
- Misc.
- TSP - Throttle Solenoid Positioner
- Tune-up Specifications
- 1) Acceptable propane speed gain range
- 2) Propane speed gain set range

*Thermactor disconnected & transmission in Neutral

PASSENGER CARS LIGHT-DUTY TRUCKS

300-10 (Rev. 3/20/75)

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-38

PAGE NO.3-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Mfg. Part No.	Type	Mfg. Part No.	Type	OC <input checked="" type="checkbox"/>	TR <input type="checkbox"/>	EGR	Idle RPM	Basic Timing (BTDC)	Idle * Mixture	
300 a/ (1-CMF)	F-100 SWB	300	A-3 (C4) 3.50 3.70	4000	C, V	Ford D5TE-12127-MA	-1V	Carter D5TE-9510-9510-ADA	AI EGR OC CAN	D5TE-5E212-Service	D4UE-9D475-Service	550 in Drive	120° @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM	
	F-100 LWB							Carter D5TE-9510-9510- <u>AKB</u>							
	F-100 EC SWB														
	F-100 CC LWB														
	F-100 CC EC SWE														
	Note: SWB - Short Wheelbase LWB - Long Wheelbase														

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

Service: I - inspect, repair, replace as needed
 R - replace
 Misc. TSP - Throttle Solenoid Positioner

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

*Thermactor disconnected & transmission in Neutral

PASSENGER CARS

LIGHT-DUTY TRUCKS

Revised 12/26/74

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-38

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		Basic Timing (BTDC)	Idle * Mixture
					Mfr. Part No.	Type	Mfr. Part No.	Type	OC	TR	EGR	Idle RPM	Basic Timing (BTDC)		
300 a/ (1-CMF)	F-100 SWB	300	A-3 (C4) 3.50 3.70	4000	Ford D5TE-12127-MA	-1V	Carter D5TE-9510-9510-ADA	AI EGR OC CAN	D5TE-5E212-CH9D475-BA	No	No	Service	550 in Drive	120 @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM
	F-100 LWB														
	F-100 EC SWB														
	F-100 CC SWB														
	F-100 CC EC SWB														
	Note: SWB - Short Wheelbase LWB - Long Wheelbase														

Abbreviations: Exhaust Emission Control System

Distributor: AI - Air Injection
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard

Service: I - inspect, repair, replace as needed
 R - replace
 Misc.
 TSP - Throttle Solenoid Positioner

Time-up Specifications: 1) Acceptable propane speed gain range
 2) Propane speed gain set range

*Thermactor disconnected & transmission in Neutral

PASSENGER CARS LIGHT-DUTY TRUCKS

300-10 (Rev. 3/20/75)

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

EXECUTIVE ORDER NO. A-10-38 PAGE NO. 4.1

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			Tune-up Specifications											
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR	Idle RPM	Basic Timing (BTDC)	Idle * Mixture									
300 a/ (1-CMF)	E-100 VAN SWB	300	A-3 (C4) 3.00	4000 4500	C, V	Ford D5TE-12127-NA	I-1V	Carter D5UE-9510-HA	AI EGR OC CAN	D5UE-5E212-CD D5UE-5E212-DD	D4TE-9D475-F1A D4TE-9D475-F2A	No Service	550 in Drive	120 @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM								
																4500	Carter D5UE-9510-HA	D5UE-5E212-CD	D4TE-9D475-F1A	No Service	550 in Drive	120 @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM
Note: SWB - Sport Wheelbase LWB - Long Wheelbase		CW - Club Wagon																					

Abbreviations: Exhaust Emission Control System

Distributor: AI - Air Injection
C - Centrifugal Advance
V - Vacuum Advance
VR - Vacuum Retard

Service: I - inspect, repair, replace as needed
R - replace
Misc.
TSP - Throttle Solenoid Positioner

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

*Thermactor disconnected & transmission in Neutral

a/ 5-52U R-0

PASSENGER CARS LIGHT-DUTY TRUCKS Added 12/26/74

MANUFACTURER: Ford Motor Company EXECUTIVE ORDER NO. A-10-38 PAGE NO. 4

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Basic Timing (BTDC)	Idle * Mixture	
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service	Part No. Service	Idle RPM			in
300 a/ (1-CMF)	E-100 VAN SWB	300	A-3 (C4) 3.00	4000 4500	C, V	Ford D5TE-12127-NA	1-1V	Carter D5UE-9510-HA	AI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	D5UE-5E212-CD D5UE-DD 5E212-DD	D4TE-9D475-F1A D4TE-9D475-F2A	550 in Drive	120 @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM
	E-100 VAN LWB			4500											
	E-100 CW SWB			4500											

Note: SWB - Sport Wheelbase
LWB - Long Wheelbase

CW - Club Wagon

Abbreviations: Exhaust Emission Control System
 Distributor AI - Air Injection
 C - Centrifugal Advance EGR - Exhaust Gas Recirculation
 V - Vacuum Advance OC - Oxidation Catalyst
 VR - Vacuum Retard Evaporative Control System
 CAN - Charcoal Canister Storage
 Service I - inspect, repair, replace as needed
 R - replace
 Misc. TSP - Throttle Solenoid Positioner
 Tune-up Specifications
 1) Acceptable propane speed gain range
 2) Propane speed gain set range
 *Thermactor disconnected & transmission in Neutral

a/ 5-52V R-1

PASSENGER CARS LIGHT-DUTY TRUCKS

300-10 (Rev. 3/20/75)

MANUFACTURER: Ford Motor Company EXECUTIVE ORDER NO. A-10-38 PAGE NO. 5-1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR Part No.	Idle RPM	Basic Timing (BTDC)	Idle * Mixture
300 a/ (1-CMF)	E-100 VAN SWB	300	A-3 (C4) 3.50 3.70	4000 4500	C, V	Ford D5TE-12127-NA	1-1V	Carter D5UE-9510-HA Carter D5UE-9510-HB	AI EGR OC CAN	D5UE-5E212-CD D5UE-F1A 5E212-DDD4TE-9D475-Service	D4TE-9D475-Service	550 in Drive	120 @ 550 RPM in Drive(2)	1) 10-60 RPM 2) 25-45 RPM
	E-100 VAN LWB			4500										
	E-100 CW SWB			4500										
	Note: SWB - Short Wheelbase LWB - Long Wheelbase CW - Club Wagon													

Abbreviations: Exhaust Emission Control System
 Distributor AI - Air Injection
 C - Centrifugal Advance EGR - Exhaust Gas Recirculation
 V - Vacuum Advance OC - Oxidation Catalyst
 VR - Vacuum Retard Evaporative Control System
 CAM - Camshaft Camshaft Storage

Service I - inspect, repair, replace as needed
 R - replace
 Misc. TSP - Throttle Solenoid Positioner
 Time-up Specifications I) Acceptable propane speed gain range
 2) Propane speed gain set range
 *Thermactor disconnected

a/ 5-52V R-1

PASSENGER CARS

LIGHT-DUTY TRUCKS

Added 12/26/74

MANUFACTURER: Ford Motor Company EXECUTIVE ORDER NO. A-10-38 PAGE NO. 5

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR Part No.	Idle RPM	Basic Timing (BTDC)	Idle * Mixture	
300 a/ (1-CMF)	E-100 VAN SWB	300	A-3 (C4) 3.50 3.70	4000 4500	C, V	Ford D5TE-12127-NA	1-1V	Carter D5UE-9510-HA	AI EGR OC CAN	D5UE-5E212-CD D5UE-F1A 5E212-DD No	D4TE-9D475- D4TE- F2A No	Service	550 in Drive	120 @ 550 RPM in Drive	1) 10-60 RPM 2) 25-45 RPM
	E-100 VAN LWB			4500											
	E-100 CW SWB			4500											
	Note: SWB - Short Wheelbase LWB - Long Wheelbase CW - Club Wagon														

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

Service I - Inspect, repair, replace as needed
 R - replace
 Misc. TSP - Throttle Solenoid Positioner

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

*Thermactor disconnected & transmission in Neutral