

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-31
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 passenger cars are approved for the engine family described below:

Engine Family: 460 A (2-CMT)
Engine: 460 CID
Exhaust Emission Control System: Exhaust gas recirculation, air injection, oxidation catalyst

Models: Torino (A/T-3)

- Torino
- Gran Torino
- Gran Torino Sport
- Gran Torino Brougham
- Elite
- Torino Station Wagon
- Gran Torino Station Wagon
- Gran Torino Squire Station Wagon
- Ranchero 500
- Ranchero Squire
- Ranchero GT

Montego (A/T-3)

- Montego
- Montego MX
- Montego MX Brougham
- Montego MX Station Wagon
- Montego Villager Station Wagon

Cougar (A/T-3)

XR7

Mercury (A/T-3)

Gran Marquis
Marquis
Marquis Brougham
Marquis Station Wagon
Marquis Colony Park Station Wagon

Ford (A/T-3)

Custom 500
LTD
LTD Brougham
LTD Landau
LTD Station Wagon
Country Squire Station Wagon
Custom 500 Station Wagon

Lincoln Continental (A/T-3)

Continental Mark IV (A/T-3)

Thunderbird (A/T-3)

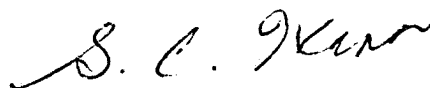
The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
460 A (2-CMT)	0.6	8	1.3

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 30 day of June 1974.



G. C. Hass, Chief
Vehicle Emissions Control Program

PASSENGER CARS LIGHT-DUTY TRUCKS

Revised 12/26/74

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-31

PAGE NO. 1

Engine Family	Vehicle Models (If codes see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Basic Speed (MPG)	Idle * (RPM)	
					Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service	Part No. Service	Idle RPM				
460 A _a (2CMT)	Ford 2-dr. H.T.	460	A-3 3.00	5000	C, V	Ford DAVE-12127-CA	1-4V	Ford D5VE-9510-BA or D5VE-9510-DA (Police)	EGR AI OC	<input checked="" type="checkbox"/> CC <input type="checkbox"/> TR	D5AE-5E212-AE or D5OE-5E212-AE or D5VE-9D475-F2A or D5VE-9D475-9D475-EA	650 in Drive	140 BTDC	1/15-40 RPM	
	& 4-dr. 53D			5000										2/30 RPM (with air in jectio discon nected)	
	P.H.T. 60H			5000											
	53H			5000											
	2-dr. H.T. 60K			5000											
	4-dr. P.H.T. 53K			5500											
	2-dr. H.T. 53L			5500											
	4-dr. P.H.T. 53L			5500											
	Station Wagon 71H 71D			5500											
	Station Wagon 71K			5500											

ADJUSTMENTS: 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.

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

PASSENGER CARS

LIGHT-DUTY TRUCKS

Revised 12/26/74

EXECUTIVE ORDER NO. A-10-31

PAGE NO. 2

FORD MOTOR COMPANY

460 Aa/ (2CMT)	Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		Idle RPM	Idle RPM (BTDC)	Idle RPM (WOT)																			
						Type	Mfg. Part No.	Type	Mfg. Part No.	Type	CC	TR	EGR Part No.	Part No.				Idle RPM	Idle RPM																	
Mercury 2-dr. H.T. & 4-dr. P.H.T. 65H 53H 2-dr. H.T. & 4-dr. P.H.T. 53K 65K 65L 53L Station Wagon 71H 71K	460	A-3 3.00	5500	5500	C,V	Ford D4VE- 12127- CA	1-4V	Ford D5VE- 9510- BA or	EGR AI OC	<input checked="" type="checkbox"/>	D5AE- 5E212- AE or	D5VE- 9D475- F1A or	D5VE- 9D475- F2A or	650 in Drive	140	BTDC	1/ 15-40 RPM	2/ 30 RPM (with air in jectio disco nected																		
																			Torino	53D	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000		
																			2-dr. H.T.	53B	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			2-dr. H.T. & 4-dr.	53K	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			53K	53K	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			65K	65K	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			65R	65R	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			53D	53D	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			53B	53B	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			53K	53K	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

ADDITIONS:

Exhaust Emission Control System

Service

Tune-up Specifications

Distributor

AI - Air Injection

I - inspect, repair,
replace as needed

I) Acceptable propane speed
gain range

C - Centrifugal Advance

EGR - Exhaust Gas Recirculation

R - replace

2) Propane speed gain set
point

V - Vacuum Advance

OC - Oxidation Catalyst

Misc.

VR - Vacuum Retard

Evaporative Control System

MSP - Throttle Solenoid

*Thermactor disconnected

CAN - Charcoal Canister Storage

PASSENGER CARS

LIGHT-DUTY TRUCKS

Revised 12/26/74

CONTRACTOR: Ford Motor Company

EXECUTIVE ORDER NO. A-10-31

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	OC	TR	EGR	Idle RPM	Basic Timing (BTD)	Idle* RPM
460 Aa/ (2CMT)	Torino	460	A-3	5000	C, V	Ford D4VE-12127-CA	1-4V	Ford D5VE-9510-BA or DA	EGR AI OC	D5AE-5E212-AE or D5OE-5E212-AE or D5AE-5E214-EB or D5OE-5E214-KA or	D5VE-9D475-F1A or D5VE-9D475-EA	650 in Drive	14° BTDC	1/15-40 RPM
	2-dr. H.T. 65M			5000										
	Station Wagon 71D 71B			5500										
	Station Wagon 71K			5500										
	Ranchero 97D 97K 97R			5000										
	Montego			5000										
	2-dr. H.T. & 4-dr. P.H.T. 65B			5000										
	65D			5000										
	65K			5000										
	53B			5000										
53D			5000											
53K			5000											
Station Wagon 71D			5500											

Address: _____

Distributor: _____

C - Centrifugal Advance

V - Vacuum Advance

VR - Vacuum Retard

*Thermactor disconnected

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

Tune-up Specifications

I) Acceptable propane gain range

2) Propane speed gain set point

a/ 5-19N R7X

RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

Added 12/26/74

MANUFACTURER: Ford Motor Company

EXECUTIVE ORDER NO. A-10-31

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Engine Family	Vehicle Models (if coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor Type	Mfr. Part No.	Fuel System Type	Mfr. Part No.	Emission Control System Type	Emission Control System		Tune-up RPM	Basic Tune-up Specifications (BTDC)	Idle RPM
										OC	TR			
460 Aa/ (2CMT)	Montego Station Wagon 71K	460	A-3 3.00	5500	C, V	Ford D4VE-12127-CA	Ford D5VE-9510-BA or	EGR AI OC	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	D5AE-5E212-AE or	D5VE-9D475-F1A or	650 in Drive	14° BTDC	1/15-40 RPM
	Cougar 2-dr. H.T. 65F			5000			D5VE-9510-DA (Police)			D5OE-5E212-AE or	D5VE-9D475-F2A or			2/30 RPM (with air in electric disconnect)
	Thunderbird 2-dr. H.T. 65K			5500						D5AE-5E214-EB or	D5VE-9D475-EA			
	Mark IV 2-dr. H.T. 65D			5500						D5OE-5E214-KA or	No Service			
	Lincoln 2-dr. H.T. & 4-dr. P.H.T. 60B 53B			5500 5500						D5SE-5E214-BB	No Service			

EXHAUST SYSTEMS:

Exhaust Emission Control System

Service

Tune-up Specifications

- AI - Air Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- Evaporative Control System
- CAN - Charcoal Canister Storage
- I - inspect, repair, replace as needed
- R - replace
- Misc.
- TSP - Throttle Solenoid
- 1) Acceptable propane gain range
- 2) Propane speed gain set point

*Thermactor disconnected

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

MANUFACTURER: Ford Motor Company EXECUTIVE ORDER NO. A-10-31 PAGE NO. 5

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* RPM	
					Type	Mfr. Part No.		Type	Mfr. Part No.	Type				OC
460 A3/ (2CMT)	Ford	460	A-3	5000	C,V	Ford D4VE-12127-CA	1-4V	Ford D5VE-9510-BA or D5VE-9510-DA (Police)	EGR AI OC	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR			1/15-40 RPM (with air in jectio disconnected)	
	2-dr. H.T. & 4-dr. 53D		3.00	5000										
	P.H.I. 60H 53H 60K			5000										
	4-dr. P.H.T. 53K			5000										
	2-dr. H.T. 4-dr. P.H.T. 53L 60L			5500										
	Station Wagon 71H 71D			5500										
	Station Wagon 71K			5500										

DISTRIBUTORS:
 Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 *Thermactor disconnected
 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
 Tune-up Specifications
 I) Acceptable propane spe gain range
 2) Propane spee gain set point

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

FORD MOTOR COMPANY EXECUTIVE ORDER NO. A-10-31 PAGE NO. 6

460 Aa/ (2CMT)	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor Type	Mfr. Part No.	Fuel System Type	Mfr. Part No.	EGR Type	Emission Control System		Tune-up Specifications	Basic Fuel System (BTDC)	Idle RPM	Basic Fuel System (BTDC)	Idle RPM																					
										CC	TR																										
460 Aa/ (2CMT)	Mercury 2-dr. H.T. & 4-dr. P.H.T. 65H 53H 2-dr. H.T. & 4-dr. P.H.T. 53K 65K 65L 53L Station Wagon 71H 71K	460	A-3 3.00	5500	C,V	Ford D4VE- 12127- CA	1-4V	Ford D5VE- 9510- BA or D5VE- 9510- DA (Police)	EGR AI OC	D5AE- 5E212- AE or D5OE- 5E212- AE or D5VE- 9D475- F2A or D5VE- 9D475- EA	D5VE- 9D475- F1A or D5VE- 9D475- EA	EGR Service Part No.	D5VE- 9D475- F1A or D5VE- 9D475- EA	650 in Drive	140 BTDC	140 BTDC	1/15- 40 RPM	2/30 RPM with air in jectio discon nected																			
																			Torino	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000			
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
																			2-dr.	H.T.	53D	5300	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 *Thermactor disconnected
 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
 Tune-up Specifications
 I) Acceptable propane spe-
 gain range
 2) Propane speed gain set
 point

a/ 5-19N R-7

PASSENGER CARS

LIGHT-DUTY TRUCKS

Added 12/26/74

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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 RPM	
					Mfr. Part No.	Type	Mfr. Part No.	Type	OC	TR				Part No. Service
460 A ₂ (2CMT)	Torino	460	A-3	5000	Ford D4VE-12127-CA	I-4V	Ford D5VE-9510-BA or DA (Police)	EGR AI OC	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	D5AE-5E212-AE or	D5VE-9D475-F1A or	650 in Drive	14° BTDC	1/15-40 RPM
	Station Wagon 71D	5000	5500	5500										
	Station Wagon 71K	5000	5500	5500										
	Ranchero 97D	5000	5500	5500										
	Ranchero 97K	5000	5500	5500										
	Ranchero 97R	5000	5500	5500										
	Montego 2-dr. H.T. & 4-dr. P.H.T. 65B	5000	5000	5000										
	65D	5000	5000	5000										
	65K	5000	5000	5000										
	53B	5000	5000	5000										
53D	5000	5000	5000											
53K	5000	5000	5000											
Station Wagon 71D	5500													

EXHAUST SYSTEMS: 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
 *Thermactor disconnected CAN - Charcoal Canister Storage

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

Time-up Specifications I) Acceptable propane spe gain range
 2) Propane spee gain set point

PASSENGER CARS LIGHT-DUTY TRUCKS

EXECUTIVE ORDER NO. A-10-31
Added 12/26/74

MANUFACTURER: Ford Motor Company

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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 Torque (FT/LB)	RPM*	
					Mfr. Part No.	Type	Mfr. Part No.	Type	CC	TR	Part No.				Service
460 A3 (2CMT)	Montego Station Wagon 71K	460	A-3 3.00	5500	C, V	Ford D4VE-12127-CA	1-4V	Ford D5VE-9510-BA or DA	EGR AI OC	<input checked="" type="checkbox"/> CC <input type="checkbox"/> TR	D5AE-5E212-AE or	D5VE-9D475-F1A or	650 in Drive	140 BTDC	1/15-40 RPM
	Cougar 2-dr. H.T. 65F			5000				D5VE-9510-DA (Police)			D5OE-5E212-AE or	D5VE-9D475-F2A or			2/30 RPM (with air injected disconnected)
	Thunderbird 2-dr. H.T. 65K			5500							D5AE-5E214-EB or	D5VE-9D475-EA			
	Mark IV 2-dr. H.T. 65D			5500							D5OE-5E214-KA or	No Service			
	Lincoln 2-dr. H.T. & 4-dr. P.H.T. 60B 53B			5500 5500							D5SE-5E214-BB	No Service			

ADJUSTMENTS: 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
 *Thermactor disconnected CAN - Charcoal Canister Storage
 Service: I - inspect, repair, replace as needed
 R - replace Misc. TSP - Throttle Solenoid
 Tune-up Specifications: I) Acceptable propane speed gain range
 2) Propane speed gain set point

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 Model Year

MANUFACTURER: Ford Motor Co.

PASSENGER CARS

LIGHT-DUTY TRUCKS

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Code _____ Model _____ Code _____ Model _____

60D	<u>Ford</u> Custom 500	53B	<u>Torino</u> Torino
53D	Custom 500	53K	Grand Torino Brougham
60H	LTD	65K	Grand Torino Brougham
53H	LTD	65R	Grand Torino Sport
60K	LTD Brougham	65M	Elite
53K	LTD Brougham	71D	Grand Torino Station Wagon
53L	LTD Landau	71B	Torino Station Wagon
60L	LTD Landau	71K	Grand Torino Squire Station Wagon
71H	LTD Station Wagon	97D	Ranchero 500
71D	Custom 500 Station Wagon	97K	Ranchero Squire
71K	Country Squire Station Wagon	97R	Ranchero GT

65H	<u>Mercury</u> Marquis	65B	<u>Montego</u> Montego
53H	Marquis	65D	Montego MX
53K	Marquis Brougham	65K	Montego MX Brougham
65K	Marquis Brougham	53B	Montego
65L	Grand Marquis	53D	Montego MX
53L	Grand Marquis	53K	Montego MX Brougham
71H	Marquis Station Wagon	71D	Montego MX Station Wagon
71K	Marquis Colony Park Station Wagon	71K	Montego Villager Station Wagon

53D	<u>Torino</u> Grand Torino	65F	<u>Cougar</u> XR-7
65B	Torino		
65D	Grand Torino		

65K	Thunderbird		
65D	Continental Mark IV		
53B	Lincoln Continental		
60B	Lincoln Continental		