

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-34  
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: 2.3L (1-CEF)  
Engine: 140.2 CID  
Exhaust Emission Control System: Exhaust gas recirculation, air injection, oxidation catalyst

Models: Ford

Mustang II (M/T-4)

Mustang  
Mustang Ghia  
Mustang Mach I

Mustang II (A/T-3)

Mustang  
Mustang Ghia

Pinto (M/T-4)

Pinto  
Pinto Station Wagon

Pinto (A/T-3)

Pinto  
Pinto Station Wagon

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>
2.3L (1-CEF)	0.3	5	1.2

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 July, 1974.

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

SUPERSEDED

a/5-1P-R0  
 b/5-2N-R1  
 5-2N-R1S

AIR RESCUE BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS

(Rev. 6/23/75)

MANUFACTURER: FORD MOTOR COMPANY

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1-3

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications				
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*	OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR	Part No. Service*	Idle RPM	Basic Tuning	Idle Mixture
2.3(1CEF)	Pinto	140	A/T3 (C3 & C4)	3000	C, V	Ford D5ZE-12127-AA	1-2V	Holley D52E-9510-AA	AI EGR OC CAN	D5ZE-5E212-AJ	<input checked="" type="checkbox"/>	D5ZE-9D475-D2B	750 RPM in Drive	10° BTDC @ 550 RPM in neutral	1) 20-60 RPM 2) 40 RPM in drive	
	Bobcat				EI	D5ZE-12127-GA				No Service			550 RPM in neutral w/TSP off	vacuum disconnected	Thermactor disconnected	
	Mustang Ghia															
2.3(1CEF)	Pinto	140	M/T4	3000	C, V	Ford D52E-12127-FA	1-2V	Holley D52E-9510-CA	AI EGR OC CAN	D5ZE-5E212-AK	<input checked="" type="checkbox"/>	D5ZE-9D475-L2B	900 RPM in neutral	6° BTDC @ 550 RPM in neutral	1) 20-60 RPM 2) 40 RPM in neutral	
	Bobcat				VR	D52E-12127-SA										
	Mustang Ghia Mach I				EI											
2.3(1CEF)	Mustang															
	Mustang Ghia															
	Mustang Mach I															

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

**Misc.**  
 TSP - Throttle Solenoid Positioner

a/ 5-1P-R0  
 b/ 6-2N-R1  
 5-2N-R1S

AIR RESCUES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS 2.3L-28 (Rev. 3/18/75)

MANUFACTURER: Ford Motor Co. EXECUTIVE ORDER NO. A-10-34 PAGE NO. 1-2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	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 Timing	Idle Mixture
2.3(1CE <sup>a/</sup> )	Pinto & Pinto SW Bobcat & Bobcat SW	140.2	A/T3 (C2& C4)	3000	C, V	Ford D5ZE-12127-AA, GA	1-2V Holley D5ZE-9510-AA	AI EGR OC CAN	<input checked="" type="checkbox"/> OC <input type="checkbox"/> IIR	D5ZE-5E212-AJ D5ZE-5E212-CD	D5ZE-9D475-L2B	750 RPM in drive 550 in neutral w/ITSP	6° BTDC at 550 RPM	1) 20-60 RPM 2) 40 RPM Propane idle speed gain
2.3(1CE <sup>b/</sup> )	Pinto Bobcat Bobcat SW Mustang Mustang Ghia Mustang Mach I Pinto SW	140.2	M/T4	3000	C, V VR	Ford D5ZE-12127-FA, SA	1-2V Holley D5ZE-9510-GA	AI EGR OC CAN	<input type="checkbox"/> OC <input type="checkbox"/> IIR	D5ZE-5E212-AK or AJ D5ZE-5E212-CD	D5ZE-9D475-L2B	500 RPM in neutral 500 in neutral w/ITSP	6° BTDC at 550 RPM	1) 20-60 RPM 2) 40 RPM Propane idle speed gain

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

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

a/ - R0  
b/ 6-2N-R1  
5-2N-R1S

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS (2.3L-20) Revised 1/27/75

MANUFACTURER: Ford Motor Co. EXECUTIVE ORDER NO. A-10-34 PAGE NO. 1-1

Engine Family	Vehicle Models (If coded see attachments)	Engine CID	Trans. Weight	Inertia	Distributor		Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle Mixture	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*				Part No. Service*
2.3(1CEF) <sup>a/</sup>	Pinto & Pinto SW Bobcat & Bobcat SW	140.2	A/T3 (C2& C4) 3.40	3000	C, V	Ford D5ZE-12127-AA	1-2V	Holley D5ZE-9510-AA	AI EGR OC CAN	D5ZE-5E212-AJ D5ZE-5E212-CD No Service	D5ZE-9D475-D2B No Service	750 RPM in drive 550 in neutral w/TSP off	10° BTDC at 550 RPM	1) 20-60 RPM 2) 40 RPM
2.3(1CEF) <sup>b/</sup>	Pinto Bobcat Bobcat SW Mustang Mustang Ghia Mustang Mach I Pinto SW	140.2	M/T4 3.40	3000	C, V VR	Ford D5ZE-12127-FA	1-2V	Holley D5ZE-9510-GA Holley D5ZE-9510-CA Holley D5ZE-9510-CA	AI EGR OC CAN D5ZE-5E212-CD No Service	D5ZE-9D475-L2B No Service	900 RPM in neutral 500 in w/TSP off	6° BTDC at 550 RPM	1) 20-60 RPM 2) 40 RPM Propane idle speed gain	

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 point

R/A - Not Available

a/ 5-1P-R0  
 b/ 5-2N-R1  
 5-2N-R1S

PASSENGER CARS

LIGHT-DUTY TRUCKS

Revised 12/26/74

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1

MANUFACTURER:	Vehicle Models (if coded see attachment)	Engine Family	Engine CID	Trans & Axle Ratio	Inertia Weight	Distributor		Fuel System	Emission Control System	Tune-up Specifications					
						Mfr. Part No.	Type			OC <input checked="" type="checkbox"/> TR <input type="checkbox"/>	EGR	Idle RPM	Basic Timing (BTDC)	Idle Mixture	
a/ 2.3 (ICEF)	Pinto & Pinto SW Bobcat & Bobcat SW		140.2	A/T3 (C3& C4) 3.40	3000	C, V	Ford D5ZE-12127-AA	1-2V	Holley D5ZE-9510-AA	AI EGR OC CAN	D5ZE-5E212-AJ D5ZE-5E212-CD No Service	D5ZE-9D475-D2B	750 RPM in drive at 550 RPM	10° BTDC 20-60 RPM 2) 40 RPM	Idle propane speed gain
b/ 2.3 (ICEF)	Pinto & Pinto SW Bobcat & Bobcat SW Mustang & Mustang Ghia Mustang Mach I		140.2	M/T4 3.40 3.55 3.40 3.55 3.55	3000	C, V VR	Ford D5ZE-12127-FA	1-2V	Holley D5ZE-9510-CA Holley D5ZE-9510-GA	AI EGR OC CAN or D5ZE-5E212-CD No Service	D5ZE-9D475-L2B	900 RPM in neutral 550 in neutral w/TSP No Service	6° BTDC at 550 RPM 2) 40 RPM	1) 20-60 RPM Propane idle speed gain	

**ADJUSTMENTS:**  
 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 point  
 W/A - Not Available

c/ 5-2N-R2  
d/ 5-1P-R3

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS

(Rev. 6/23/75)

MANUFACTURER: FORD MOTOR COMPANY

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1a-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	Idle Mixture
					Type	Mfr. Part No.	Type	Mfr. Part No.	OC	TR	Part No. Service*	Part No. Service*	Idle RPM		
c/ 2.3(1CEF)	Pinto	140	M/T4	3000	C, V	Ford	1-2V	Holley	AI	D52E-5E212-AK	D52E-9D475-L2B	900 RPM in neutral	60° BTDC @ 550 RPM in neutral	1) 40-80 RPM	
	Bobcat	140	3.40		VR, EI	D52E-12127-LA		D52E-9510-CB	EGR	D52E-5E212-AJ	D52E-9D475-L2A	550 RPM in neutral	vacuum disconnected	2) 60 RPM in neutral	
	Pinto SW Bobcat SW		3.40			D52E-12127-PA		D52E-9510-GB	CAN	D52E-5E212-CD	D52E-9D475-L2A	neutral w/tsp off	vacuum disconnected	Thermactor disconnected	
d/ 2.3(1CEF)	Mustang		3.55					Holley							
	Mustang Ghia		3.40					D52E-9510-GB							
	Mustang Mach I		3.40												
	Pinto	140	A/T3	3000	C, V	Ford	1-2V	Holley	AI	D52E-5E212-AJ	D52E-9D475-L2B	750 RPM in drive	10° BTDC @ 550 RPM in neutral	1) 30-70 RPM	
	Bobcat		(C3 & C4)		VR, EI	D52E-12127-NA		D52E-9510-AB	OC	D52E-5E212-CD	D52E-9D475-L2A	550 RPM in neutral	vacuum disconnected	2) 50 RPM in drive	
	Pinto SW Bobcat SW		3.40					D52E-9510-EB	EGR	D52E-5E212-CD	D52E-9D475-L2A	neutral w/tsp off	vacuum disconnected	Thermactor disconnected	
	Mustang		3.55					Holley							
	Mustang Ghia		3.40					D52E-9510-EB							

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

Misc.  
 TSP - Throttle Solenoid Positioner

a/ 5-2N-R2  
b/ 5-1P-R3

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
 PASSENGER CARS  
 LIGHT-DUTY TRUCKS

2.3L-21 (Rev. 4/7/75)

MANUFACTURER: Ford Motor Co.

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1a-2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications		Idle Mixture
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Part No. Service*	Part No. Service*	Idle RPM	Basic Timing	
2.3(1CEF)	Pinto	140.2	M/T4	3000	C, V	Ford D52E-12127-LA, PA	1-2V	Holley D52E-9510-CB	AI EGR OC CAN	D52E-5E212-AJ	D52E-9D475-I2B	900 RPM in neutral 550 in neutral w/TSP off	5° BTDC at 550 RPM	1) 40-50 RPM 2) 50 RPM Propene idle speed gain (Thermactor dis-connected and trans. in drive)
	Bobcat	140.2	M/T4	3000	C, V	Ford D52E-12127-LA, PA	1-2V	Holley D52E-9510-CB	AI EGR OC CAN	D52E-5E212-AJ	D52E-9D475-I2B	900 RPM in neutral 550 in neutral w/TSP off	5° BTDC at 550 RPM	1) 40-50 RPM 2) 50 RPM Propene idle speed gain (Thermactor dis-connected and trans. in drive)
	Bobcat													
	Bobcat SW													
b/ 2.3(1CEF)	Pinto SW Mustang Ghia Mustang Mach I Pinto SW	140.2	A/T3 (C3& C4)	3000	C, V	Ford D52E-12127-NA	1-2V	Holley D52E-9510-AB	AI CAN EGR OC	D52E-5E212-CD	D52E-9D475-D2B	750 RPM in Drive 550 RPM in Neutral w/TSP off	10° BTDC @ 500 RPM	1) 30-70 RPM 2) 50 RPM Propene idle speed gain (Thermactor dis-connected and Trans in Drive)

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

Tune-up Specifications

1) Acceptable propane speed gain range

2) Propane speed gain set point

1/75 - 100 RPM



a/ 5-2N-R2

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR

PASSENGER CARS

MIGHT-DUTY TRUCKS 2/31-28 (Rev. 3/18/75)

MANUFACTURER: Ford Motor Co.

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1a-2

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Inertia Trans. Weight	Distributor		Fuel System	Emission Control System		Tune-up Specifications			
				Mfr. Part No.	Type		OC	TR	Part No. Service*	Part No. Service*	Idle RPM	Basic Timing
2.3(1CEF)	Pinto	140.2	3000	Ford D52E-12127-LA, PA	C, V VR	Holley D52E-9510-CB	AI EGR OC CAN	D52E-5E212-AK	D52E-9D475-L2B	900 RPM in neutral 550 in neutral w/TSP off	5° BTDC at 550 RPM	1) 40-50 RPM 2) 50 RPM Propane idle speed gain
	Mustang Mach I	2.55	3.10			Holley D52E-9510-GB		D52E-5E212-CD				
	Mustang Ghia	3.55	3.40					D52E-5E212-Service				
	Pinto SM	3.55	3.40									

**Abbreviations:**  
 C - Centrifugal Advance  
 V - Vacuum Advance  
 VR - Vacuum Retard

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

**Service**  
 I - inspect, repair, replace as needed  
 R - replace  
 Misc.  
 TSP - Throttle Solenoid  
 No. - None

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

a/ 5-2N-R2

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 PASSENGER CARS  LIGHT-DUTY TRUCKS  
 EXECUTIVE ORDER NO. A-10-34 PAGE NO. 10-1  
 (2.31-20) Revised 1/27/75

MANUFACTURER: Ford Motor Co.

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans. Weight	Inertia	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 Timing	Idle Mixture
2.3(1CEF)	Pinto	140.2	M/T4	3000	C, V VR	Ford D52E-12127-LA	1-2V	Holley D52E-9510-CB	AI EGR OC CAN	D52E-5E212-AK	D52E-9D475-12B	900 RPM in neutral 550 in neutral w/TSP off	6° BTDC at 550 RPM	1) 40-30 RPM 2) 60 RPM Propane idle speed gain
	Mustang	2.55								D52E-5E212-CD				
	Mustang Ghia	3.40												
	Mustang Mach I	3.55												
	Pinto SW	3.40												

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 point

N/A - Not Available

PASSENGER CARS  LIGHT-DUTY TRUCKS (2.3L-6) added 1/24/75

MANUFACTURER: Ford Motor Co.

EXECUTIVE ORDER NO. A-10-34

PAGE NO. 1a.

Engine Family	Vehicle Models (if coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications			
					Type	Part No.	Type	Part No.	Type	Part No.	Part No.	Idle RPM	Basic Timing	Idle Mixture	
2.3 (ICEF) a/	Pinto	140.2	M/T4	3000	\$, V	Ford	1-2V	Holley	AI	D5ZE-	D5ZE-	900	6° BTDC	1) 40-60	
	Pinto SW					D52E-		D52E-	EGR	5E212-	90475-	7 <sup>th</sup>	at 550	RPM	
	Bobcat					12127-		9510-	OC	AK	L2B	neutral		2) 60	
	Bobcat SW					LA		CR	CAN			550 7 <sup>th</sup>		RPM	Propane
	Mustang							Holley		D5ZE-	No	neutral			idle
Mustang Ghia								D52E-		5E212-	Service	w/STP		speed	
Mustang Mach 1								9510-		AJ		off		gain	
								GB							

Abbreviations: Distributor AI - Air Injection Exhaust Emission Control System 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 1) Acceptable propane speed gain range 2) Propane speed gain set point

AI - Air Injection Exhaust Emission Control System 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 1) Acceptable propane speed gain range 2) Propane speed gain set point