#### State of California AIR RESOURCES BOARD

### EXECUTIVE ORDER A-10-101 Relating to Certification of New Motor Vehicles

#### FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4:

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 2.3 "A" 1X160

Engine: 140 CID

Transmission: 4 Speed Manual, 3 Speed Automatic

Exhaust Emission Control Systems: Air Injection, Exhaust Gas

Recirculation and Oxidation

Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	Grams per Mile
2.3 "A" 1X160	.41	4.0	1.2

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-10 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

Vehicles certified 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 \_\_\_\_\_\_ day of August, 1977.

G. C. Hass, Chief

Vehicle Emissions Control Division

Manufacturer_	Ford Motor Company	_Executive Order	No. A-10-101	_Page1
Engine Family_	2.3 "A" 1X160	_Engine (CID)	140	<del>_</del>

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
 (Feedback Control)
EGR Syst. Service
I-Inspect, repair/replace
as needed
R-Replace

Vehicle <u>Line</u>	Body <u>Type</u>	Body Code	<u>Nameplate</u>
Mustang	2-Door Sedan	60F	Mustang II
		60H	Mustang II Ghia
	3-Door Sedan	69F	Mustang II/Cobra II
		69R	Mustang II/Mach I
Fairmont	2-Door Sedan	66B	Fairmont
		36R	Fairmont Futura
	4-Door Sedan	54B	Fairmónt
	Station Wagon	<b>74B</b> 66D	
Zephyr	2-Door Sedan	66D	Zephyr
	•	36R	Zephyr Z-7
	4-Door Sedan	54D	Zephyr
	Station Wagon	74D	, <b>,</b>

FI-Fuel Injection

		🖄 Passen	ger Ca	rs [	□ Light-Duty	Trucks	Medium Dut	y Vehicles .		
	Manu	facturer Ford			Executive Order No. A-10-101 Page 2					
<b>.</b>	Engi	ne Family <u>2.</u> 3	3 "A" 1	X160	Engin	e (CID) 140	)	Engine Code 8-2N-RO		
	Emis:	sion Control Sy					+10%(A/C)	Calib. Yes No 🛛		
	Eng. Code	Vehicle Models (If Coded see - attachment)	Trans	Inertia Weight Class	Distributor Type <sub>C,V</sub>	Fuel System Type 1,2V	EGR System	Tune-Up Specification		
					Mfgr. Part Number	Mfgr.Holley Part Number	Part No. Service	(1) Basic Timing (2) Idle Mixture (3) Idle Speed		
		Mustang II 2 & 3 Door	M-4 3.50	3000	D7EF- 12127-EA	D8BE- 9510-CA	D7EE- 9D475-DA	1) 6° <u>+</u> 2° BTDC @ 6 <del>5</del> 0 RPM		
		60F 69F 69R				D8BE- 9510-CB D8BE- 9510-DA		2) Preset at factory do not adjust see 1978 Ford service manual		
				·				3) 900 + 50 in neutra 650 + 50 in neutra W/TSP off		
	Commer See p	nts: Some age I for abbre	_model viatio	s have s ns and m	pecial road odel codes.	load HP sett	ings.			
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Å	Manu	facturer <u> </u>	ord		E:	xecutive	Order No	P. <u>A-10-1</u>	01	Page	3	
	Engi	ne Family	2.3 "A" 1X	160	E1	ngine (C	ID) 140	0		Engi Code	ine e <u>8-2M-R</u> '	10
	Emis:	sion Contro	System _	AI,EGR	,0C			+10%(A/C)	Yes		No 🖾	
		Vehicle Mod (If Coded s attachment	ee Trans	Inertia Weight Class	Distrib Type <sup>C,V</sup>	tor Fue Typ	System e 1,2V	EGR System	Tune Spe	e-Up cifica	ation	. , .
					Mfgr. Part Num	mber Par	r. Holley t Number	Part No. Service	(2)	Idle	Timing Mixture Speed	
		Fairmont 2 & 4 Door	M-4 3.98	3000	D7EE- 12127-E	D8B 951	E- 0-AKA	D7EE- 9D475-DA		° + 2° 6 <del>5</del> 0 F	° BTDC RPM	
		66B 54B 36R Station Wa 74B Zephyr	gon					-	d 1	o not	at factor adjust se ord service	e
, a		2 & 4 Door 66D 54D 36R									50 in neut in neutra off	
,		Station Wa 74D	gon									
						,						
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	Date	of Issue	Rev	isions:	110377,	R/C-19					•	

		🖒 Passen	ger Ca	rs [	☐ Light-Duty Trucks ☐ Medium Duty Vehicles					
	Manu	facturer <u>Ford</u>			Execu	tive Order No	A-10-1	01	Page 4	
_	Engi	ne Family 2.	3 "A"	1X160	Engine	(CID) 1	40		Engine Code 8-2N-R11	
•		sion Control Sy								
	Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type <sup>C</sup> ,V	Fuel System Type 1,2V	EGR System		-Up ification	
		attachment		Class		Mfgr. Part Number	Part No. Service	(2)	Basic Timing Idle Mixture Idle Speed	
		Mustang II	M-4 3.50	3000	D7EE- 12127-EA	D8BE- 9510-AKA	D7EE- 9D475-DA		650 RPM	
		60F 69F 60H 69R				D8BE- 9510-AJA		1	Preset at factory No not adjust see 1978 Ford service Nanual	
								6	350 <u>+</u> 50 in neutr 300 <u>+</u> 50 in neutr y/TSP off	
				:						
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	Comme See p	ents: <u>Some</u> page I for abbre			special road model codes.	load HP sett	ings.			
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į.	Manu	facturer Ford			Executive Order No. A-10-101 Page 15						
<i>,</i>	Engir	ne Family 2	.3 "A"	1X160	Engine	(CID) 140	)		Engine Code 8-1N-R10		
	Emis:	sion Control Sy	stem _	Ai,EGR,	OC	4	+10%(A/C)	Yes	□ No 🖸		
	Eng. Code	Vehicle Models (If Coded see - attachment)	Trans	Inertia Weight Class	Distributor Type <sub>C,V</sub>	Fuel System Type	EGR System		e-Up cification		
		accucimency		O Tu S		Mfgr. Part Number		(2)	Basic Timing Idle Mixture Idle Speed		
		Mustang II	A-3		D7EE- 12127-HA	D8ZE- 9510-RA	D7EE- 9D475-FA		20° + 2° BTDC @ 600 RPM		
		60F 69F 60H	8G & 8G1)			D8ZE- 9510-SA		2)	Preset at factory do not adjust see 1978 Ford service manual		
								3)	$750 \pm 50$ in drive $600 \pm 50$ in neutral w/TSP of		
	:										
	Comme See p	nts: Some page I for abbre	model eviatio	s have s ons and m	special road model codes.	load HP sett	ings.				
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Manı	facturer <u>Ford</u>			Execut	tive Order No	A-10-1	101 Page 6
gi	ne Family 2.	3 "A"	1X160	Engine	(CID) 1	40	Engine Code 8-2N-R13
Emis	sion Control Sy	stem _	AI,EGR,	,oc	4	10%(A/C)	Yes 🗆 No 🖾
Eng. Code	Vehicle Models (If Coded see - attachment)	Trans	Inertia Weight Class	Distributor Type C,V	Fuel System Type 1,2V	EGR System	Tune-Up Specification
				Mfgr. Part Number	Mfgr. Part Number		<ul><li>(1) Basic Timing</li><li>(2) Idle Mixture</li><li>(3) Idle Speed</li></ul>
	Mustang II	M-4 3.50	3000	D7EE- 12127-EA	D8BE- 9510-AKA	D7EE- 9D475-DA	1) 6° + 2° BTDC @ 650 RPM
	60F 69F 60H 69R				D8BE- 9510-AJA	.*	2) Preset at factory do not adjust see 1978 Ford service manual
-7,							3) 850 ± 50 in neutr 600 ± 50 in neutr w/TSP off. For A/C Deenergize compressor clutch
			•				
·							•• • · · · · · · · · · · · · · · · ·
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Date of Issue 11/18/77 Revisions: R/C-32

							Trucks			hicles		
J	Manu	facturer Ford				Executive Order No. A-10-101						
	Engi	ne Family 2,3 K	A" 1X1	60		Engine	e (CID) 14	40		Fnaine		
	Emis	sion Control Sy	stem _	AI,EG	R,OC			+10%(A/C)	Yes			
	Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distr Type	ibutor	Fuel System Type	EGR System	Tune Spe	e-Up cification		
į					Mfgr. Part	Number	Mfgr. Part Number	Part No. Service	(2)	Basic Tim Idle Mixt Idle Speed	ure	
		Fairmont 2 & 4 Door	M-4 3.98	3000	D7EE 1212		D8BE- 9510-ANA	D7EE- 9D475-DA		6 <sup>0</sup> + 2 <sup>0</sup> BT @ 650 RPM neutral		
		66B 54B 36R Zephyr								Preset at do not adj 1978 Ford manual	ust see	
	,	2 & 4 Door 66D 54D 36R	,							850 <u>+</u> 50 i tral 600 <u>+</u> neutral wi off.	50 in	
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