#### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-10-79 Relating to Certification of New Motor Vehicles

## FORD MOTOR COMPANY

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

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 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 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: 302 "A" (1CV7) Engine: 302 CID Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Transmission: 3-Speed Automatic

Models: Bronco

Bronco Bronco Ranger Bronco Sport

Transmission: 3-Speed Automatic or 3-Speed Manual

Models: F-100

 Regular	Cab	Shor	rt Wheelbase (SWB) Styleside Custor	1
Regular	Cab	Long	g Wheelbase (LWB) Styleside Custom	
Regular	Cab	SWB	Flareside Custom	
Regular	Cab	LWB	Flareside Custom	
Regular	Cab	SWB	Styleside Ranger	
Regular	Cab	LWB	Styleside Ranger	
Regular	Cab	SWB	Flareside Ranger	
Regular	Cab	LWB	Flareside Ranger	
Regular	Cab	SWB	Styleside Ranger XLT	
Regular	Cab	LWB	Styleside Ranger XLT	
Regular	Cab	SWB	Flareside Ranger XLT	
Regular	Cab	LWB	Flareside Ranger XLT	
Regular	Cab	SWB	Styleside Explorer	
Regular	Cab	LWB	Styleside Explorer	
Regular	Cab	SWB	Flareside Explorer	
Regular	Cab	LWB	Flareside Explorer	
Regular	Chas	ssis	Cab SWB Custom	
Regular	Chas	ssis	Cab LWB Custom	
Regular	Chas	ssis	Cab SWB Ranger	
Regular	Chas	sis	Cab LWB Ranger	
Regular	Chas	ssis	Cab SWB Ranger XLT	
Regular	Chas	ssis	Cab LWB Ranger XLT	

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The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	Grams per Mile
302 "A" (1CV7)	0.9	11	1.9

BE IT FURTHER RESOLVED: That this certification 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 certification 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.

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 <u>20</u> day of July, 1976.

G. C. Hass, Chief Division of Vehicle Emissions Control 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
Passenger Cars

 Image: Cars
 Image: Cars

 Image: Cars
 Image: Cars

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Manufacture	Motor Co	ompany	Executive Order No. <u>A-10-79</u> Page1					
Engine Family <u>302 "A" (1CV7)</u>				Engine (CID) <u>302</u> Code			e <u>7-53S-R0</u>	
Emission Co	ntrol S	ystem	I-EGR-OC		+	10%(A/C) Yes[	No X	
Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C, V EI Mfgr. Part Number	Fuel System Type: 1-2V Mfgr. Part Number	EGR Syst Part No. Service*	em Tune-Up : (1) Basic (2) Idle (3) Idle	Specification c Timing Mixture Speed	
F-100 Regular Cab SWB LWB CC Regular Cab SWB LWB	M/T3 M/T4(a) Ratio:	4000	Ford D7TE- 12127-JA	Ford D7TE- 9510-AEA	D7TE- 9D445-AA	(1) 60 BTU Neutra discor plugge distri (3) 800 RF 550 RF w/TSP	OC.0 550 RPM in R1; Vacuum line inected and ed at the ibutor M in Neutral M in Neutral off	
Date of Issue: July 30, 1976; Rev. (a) 302 "A" (1CV7)-4T November 10, 1976.								
Abbreviations Distributor C-Centrifugal Ac V-Vacuum Advance VR-Vacuum Retarco EI-High Energy EI-Electronic Ig Fuel System FI, FI NV-NVenturi Carl VV-Variable Vent	ivance i Ignitic gnition curetor turi	E) A1 CA EF EN EF ES	khaust Emiss I-Air Inject I-Catalyst FI-Electroni GR-Exhaust G 4-Engine Mod FE-Early Fue SAC-Electron Cont I-Fuel Injec	ion Control ion Air Injectio c Fuel Injec as Recircula ification l Evaporatio ic Spark Adv rol	System n f tion f tion f ance 7	DC-Oxidation C PAI-Pulse Air RC-Reduction C TR-Thermal Rea TWC-Three Way λ-Air Fuel Rat *Service I-Inspect, re as ne R-Replace	Catalyst Injection Catalyst Cotor Catalyst Cio Sensor Catalyst Cio Sensor	



1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

VV-Variable Venturi

FI-Fuel Injection -

T-Inspect, repair/replace as needed R-Replace

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	Manufacturer <u>Ford Motor Company</u> Executive Order No. <u>A-10-79</u> Page <u>3</u>									
	Engine Fami	1y <u>302</u>	"A" (1C)	<u>v7)</u>	Engine (CID	)302	Code _7-	-54T-R0		
	Emission Co	ntrol Sy	ystem <u>A</u>	I-OC-EGR		+102	6(A/C) Yes	NoX		
	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: C,V, EI Mfgr. Part Number	Fuel System Type: 1-2V Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Spe (1) Basic T (2) Idle Mi (3) Idle Sp	cification iming xture weed		
	Bronco	A/T3 C4-7T3 C4-7T4	4000	Ford D7TE- 12127-EA	Ford D7TE- 9510-ABA	D7TE 9D448-NA	(1) 8° BTDC Neutral disconne plugged distribu (3) 650 RPM W/TSP of	<pre>@ 550 RPM in vacuum line ected and at the stor in Drive in Neutral f</pre>		
Comments Axle Ratio: 3.50, 4.11 **No Service										
	Date of Issue									
	AbbreviationsDistributorExhaust Emission Control SystemC-Centrifugal AdvanceAI-Air InjectionV-Vacuum AdvanceCAI-Catalyst Air Injection/R-Vacuum RetardEFI-Electronic Fuel InjectionHEI-High Energy IgnitionEGR-Exhaust Gas RecirculationRC-ReductionTR-Thermal Reactor									

EI-Electronic Ignition Fuel System EFI, FI nV-nVenturi Carburetor VV-Variable Venturi

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EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection -

TWC-Three Way Catalyst  $\lambda-Air$  Fuel Ratio Sensor \*Service I-Inspect, repair/replace as needed R-Replace

	1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET								
	ManufacturerFord_Motor_CompanyExecutive_Order_NoA-10-79_Page4								
	Engine Family_3	02 "A" (1	CV7)	Engine (CID) 302 Code 7-538-			<u> 19</u>		
-	Emission Control	System	AI-EGR-OC		+10%	(A/C) Yes No	Ū		
	Vehicle Models (If Coded see Tran attachment)	Inertia s Weight	Distributon Type C,V, EI Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specific (1) Basic Timing (2) Idle Mixture (3) Idle Speed	ation		
	F-100 Regular Cab SWB LWB CC Regular Cab SWB LWB	4000	Ford D7TE- 12127-JA	Ford D7TE- 9510-AEA	D7TE- 9D448-AA	<ol> <li>6<sup>o</sup>,BTDC @ 550</li> <li>Neutral; Vacuudisconnected a plugged at the distributor</li> <li>800 RPM in Neu 550 RPM in Neu w/TSP off</li> <li>Preset at fac do not adjust 1977 Ford Ser Manual;</li> </ol>	RPM in im line and itral itral :torv; ;; see vice		
	Comments Axle Ratio: **No Service	<b>2</b> .75, 3.0	00, 3.50	· · · · · · · · · · · · · · · · · · ·					
	Date of Issue A1	-4 (11/10	6/76); Rev.	011177					
	bbreviations <u>istributor</u> -Centrifugal Advance -Vacuum Advance R-Vacuum Retard EI-High Energy Ignit I-Electronic Ignitio uel System FI, FI V-nVenturi Carbureto V-Variable Venturi	ion E E E F	xhaust Emiss I-Air Inject AI-Catalyst FI-Electroni GR-Exhaust G M-Engine Moo FE-Early Fue SAC-Electror Cont I-Fuel Injec	tion Control Air Injection C Fuel Injection As Recircula Dification C Evaporation C Spark Adv Crol	System $0C-ConPAI-tionRC-RtionTR-TtionTWC-on\lambda-Aivance*SerT-1R-F$	Avidation Catalyst Pulse Air Injection Reduction Catalyst Thermal Reactor Three Way Catalys Three Way Catalys Thermal Reactor The Catalyst The C	on t or place		



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 Emission Control System AI-Air Injection CAI-Catalyst Air Injection EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection

OC-Oxidation Catalyst PAI-Pulse Air Injection RC-Reduction Catalyst TR-Thermal Reactor TWC-Three Way Catalyst λ-Air Fuel Ratio Sensor \*Service T-Inspect, repair/replace as needed R-Replace



R-Replace