

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-203  
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 are certified as described below for 1981 model-year gasoline-powered light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
5.8W NG	351 (5.8)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loops

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Equiv. Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
5.8W NG	4000- 6000	0.43	6.1	1.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles", amended June 26, 1980.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 18 day of August, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

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Engine Family 5.8W NG Evaporative Family EQ

ABBREVIATIONS Engine CID (Liters) 351 (5.8)

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DI-Diesel Injection  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

<u>Vehicle Models</u>	<u>Wheelbase</u>	<u>Code</u>
F-150 Regular Cab	Long	RCL
	Short	RCS
Super Cab	Long	SCL
	Short	SCS
E-150 Regular Van	Long	RVL
	Short	RVS
F-150 4X4 Regular Cab		
Bronco		

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Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  Diesel

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Engine Family 5.8W NG Engine Code -

ECS (Special Features) AIP,EGR,TWC w/CL CID (Liter)-Type 351(5.8)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans. (ax.rat.)	Equiv. Test Weight	Ign. System EEC Part No.	Fuel System <del>XV</del> Part No.	EGR Valve Part No.	Label Ident. Part No.
1-63T-ROOB	F-150	M-4	4250	E1VF-12A649-HB	E1TE-9510-ZA	EOAE-9F483-AA	DEH
	RCS*		(3.25)				
	RCL*		4500				
	SCS*		(3.50)				
	RCL*		4750,				
	SCL*		4500				
	Bronco 4 X 4 *		5000,				
			4750				
1-64S-ROOB	F-150 RCL*	A-3	4250	E1VF-12A649-KB	E1TE-9510-AHA		DEJ
	RCL*		(2.47)				
	SCL*		4750				
	SCS*		4500				
1-64T-ROOB	(1) RCL*		(3.50)	E1VF-12A649-LB			
	F-150- 4X4 RCL*		4500,				
	Bronco *		4250				
			5000				
1-64R-RO1B	E-150 RVL*		4750	E1VF-12A649-JC			
	RVS*		4500				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 8-1-80

(1) Where is RCS?