State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-229 Relating to Certification of New Motor Vehicles

AURORA CARS

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 Aurora Cars exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

Engine Family Cu	Displacement ubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
Ford 4.2/5.0 MAF	305 (5.0)	Air Injection Pump Exhaust Gas Recirculation Three Way Catalyst

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:

Engine Family	Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
Ford 4.2/5.0 M	1AF 2570	0.35	2.1	0.6

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".

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 Aurora Cars 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).

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

Executed at El Monte, California this 29^{th} day of May, 1981.

K. D. Drachand, Chief

Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

nufacturer <u>Aurora Cars</u>	Executive Order No.	A-229	Page	<u> </u>
Engine Family Ford 4.5/5.0 MAF	Evaporative Family _	DQ		
ABBREVIATIONS	Engine CID (Liters)	305 (5.0)		

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

Model: AC Cobra

E.O. #A-229 1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET							
<u>X</u> Passe	enger Cars Li	ght-Duty	Trucks	Medium-Du	uty Vehicles	X Gas	Diesel
Manut	facturer <u>Aurora Ca</u>	ırs			Page		
Engine Family Ford 4.2/5.0 MAF				Engine Code -			
ECS ((Special Features)	AIP, E	GR, TWC		CID (Liter)- Type _	305 (5.0) V	-8
Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test We ig ht	Ign. System CA, VA, VR, EI	Fuel System 2V	EGR Valve	Label Ident.
	a ccacrimency		neight	Part No.	Part No.	Part No.	Part No.
1-20G-R01A	AC Cobra	A3/M4	2570	E752-12127-F	E1WE-9510- CA/DA	E152-9F491-F	DQY

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 -