State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-230-4
Relating to Certification of New Motor Vehicles

EXCALIBUR AUTOMOBILE CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1985 model-year Excalibur Automobile Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
FEX5.0W4NDA5	305	(5.0)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.39	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.15	3.4	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 26th day of July, 1985.

K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESORCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER Excalibur Automobile Corporation

EXECUTIVE ORDER NO. A-230-4

ENGINE FAMILY FEX5.0W4NDA5

EVAPORATIVE FAMILY 3B4-1B

ENGINE CID (Liters) 305 (5.0) V8

ABBREVIATIONS

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 Injectio
DID - Diesel Injection - Direct
DIP - Diesel Injection - Prechamber
MFI - Mechanical Fuel Injection
TC - Turbocharged

FUEL SYSTEM

CFI, CL, DID, DIP, EFI, MFI
nV - nVenturi Carburetor
VV - Variable Venturi

MODEL

4-Seat Phaeton

DRIVE SYSTEM: Rear Wheel

A-230-4
E.O. No._____

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X PASSENGER CARS ___ LIGHT-DUTY TRUCKS ___ MEDIUM-DUTY VEHICLES X GAS ___ DIESEL

Manufacturer Excalibur Automobile Corporation Page 2

Engine Family FEX5.0W4NDA5 Engine Code 5

ECS (Special Features) AIP, CL, EGR, TWC CID (Liter)-Type 305 (5.0) V8

ENGINE CODE	VEHICLE MODELS (If Coded see attachment)	TRANS.	EQUIV. TEST WEIGHT	ELECTRONIC CONTROL MODULE Part No.	FUEL SYSTEM 4 V CARB. Part No.	EGR VALVE Part No.	LABEL IDENT. Part No.
5	4-Seat Phaeton	A4	4500	Delco Electronics 160228631	Rochester 17083204	GM 17075614	Excalibur 1B

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. Dyno Test HP 13.0