#### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-220-12 Relating to Certification of New Motor Vehicles

#### JAGUAR CARS LIMITED

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 1984 model-year Jaguar Cars Limited exhaust emission control systems are certified as described below for gasoline-powered pasenger cars:

Engine Family	Displace Cubic Inches	ment (Liters)	Exhaust Emission Control Systems (Special Features)		
EJR5.3V5FCAO	326	(5.3)	Air Injection - Pump Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)		

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

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
Grams per Mile	Grams per Mile	Grams per Mile	
0.41	7.0	0.7	

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
Grams per Mile	Grams per Mile	Grams per Mile	
0.36	2.1	0.3	

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 \_\_\_\_\_\_\_

K. D. Drachand, Chief Mobile Source Division

### Engine Family

EJR5.3V5FCA0

Page

17-9

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Jaguar Cars Ltd Executive Order No A-220-12 Engine Family EJR5.3V5FCA0 \_\_ Evaporative Family Engine CID (Liters) 326 (5.3)

**ABBREVIATIONS** 

Ignition System CA-Centrifugal Advance EEC-Electronic Engine Control AIV-Air Injection-Valve E1-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance VR-Vacuum Retard

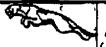
Fuel System CFI, CL, DID, DIP, EFI, MFI nV-nVenturi Carburettor VV-Variable Venturi

MODEL : Jaguar XJ-S

Exhaust Emissions Control System AIP-Air Injection-Pump 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 DID-Diesel Injection-Direct DIP-Diesel Injection-Prechamber MFI-Mechanical Fuel Injection TC-Turbocharged

Front engine, rear wheel drive DRIVE SYSTEM:



MY 1984 (California)

## Enginé Family

EJR5.3V5FCAO

Page

17-10

#### 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

** Passenger Cars - Light-Duty Trucks - Medium-Duty Vehicles ** Gas - Diesel  **Manufacturer									
Engine Code	Vehicle (If Code attachm	d see	Trans.	Ign. System	Fuel System Part No.	EGR Valve	Label Ident. Part No.		
5.3 SC-83	Jaguar	XJ-S	A-3	CA, VA, E1  Lucas (41879) DAC 2623	EFI Lucas (64453) DAC 3586	N/A	EAC 655		

Comments: See page17-8 for abbreviations and evaporative emission family identification.