State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-32
Relating to Certification of New Motor Vehicles

JAGUAR CARS
OF
BRITISH LEYLAND (U.K.) LIMITED

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 Jaguar Cars of British Leyland (U.K.), Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 4.2L/50
Engine: 258 CID
Transmission: 3-speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Jaguar XJ6L
Jaguar XJ6C

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

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4.2L/50	0.32	7.3	1.3

BE IT FURTHER RESOLVED: That this certification is contingent upon Jaguar Cars of British Leyland (U.K), Ltd. affixing a permanent catalyst overheat warning label on the driver's sunvisor 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 Jaguar Cars of British Leyland (U.K.), Ltd. 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 28 day of January, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

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Engine Family 4.2L/50 Engine (CID) 258 Engine Code 4.2L LFC-76/50, 4.2L LFC-77/50

Emission Control System AI + EGR + OC +10%(A/C) Yes [X] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type ** Mfgr. Part Number	Fuel System Type 1-2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Jaguar XJ6L Jaguar XJ6C	A-3	4500	Lucas C45829 (41649) **C,V for engine code 4.2L LFC-76/50 DAC 1087 (41711) **C for engine code 4.2L LFC-77/50	Zenith C45857 (3848R) front C45858 (3848L) rear	C41866 (5640) for engine code 4.2L LFC-76/50 EAC1618 (5709) for engine code 4.2L LFC-77/50	(1) 8°BTDC @ 750 RPM Transmission in neutral. (2) 2% - 4.5% with air injection diverted. (3) 750 RPM with transmission in neutral (All settings with air conditioning switched off.) (Carburetors to be adjusted with air cleaner removed and engine at normal operating temperature).

Comments Numbers in parenthesis refer to visual identification numbers.

Date of Issue

Abbreviations

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