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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-27
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.) Limited exhaust emission control systems for 1976 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 Emissions Control Systems: Air Injection, Engine Modifications, Exhaust Gas Recirculation, Oxidation Catalyst

Models: XJ6C
XJ6L

The following are the recommended values to be listed on the window decals required by California Assembly-Line Test Procedures for 1976 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4.2L/50	0.4	7.3	1.3

BE IT FURTHER RESOLVED: That this certification is contingent upon Jaguar Cars of British Leyland (U.K.) Limited affixing a permanent catalyst overheat warning label on the driver's sun-visor 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.) Limited 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 3rd day of May, 1976.

G. C. Hass by P. D. Bachand

G. C. Hass, Chief
Division of Vehicle Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR

[X] PASSENGER CARS [ ] LIGHT-DUTY TRUCKS

MANUFACTURER: Jaguar Cars of British Leyland (U.K.) Limited EXECUTIVE ORDER NO. A- 5-27 PAGE NO.

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Emission Control System [X] OC [ ] TR Part No. Service*	Emission Control System EGR Part No. Service*	Tune-up Specifications Idle RPM	Tune-up Specifications Basic Timing	Tune-up Specifications Idle Mixtu
4.2L/50	XJ6L Series II 4-door Sedan XJ6C Series II 2-door Coupe	258	A-3	4500	EI C+V	Lucas 45DE6 #C45829	2-IV	Zenith-Stromberg 175CD2SET #C45857 #C45858	AI,EM EGR, OC	#CAC1237 R@50,000 miles	#C41866 I@50,000 miles	700-850 in neutral or park 750 Set point	8 + 2°@ 750 rpm in neutral or park vacuum advance connected	2-4.5%CO W/O AI (remove plug on diverter valve diaphram housing) before the catalyst @ exhaust manifold sampling ports (2)

Abbreviations:

Distributor
C - Centrifugal Advance
V - Vacuum Advance
VR - Vacuum Retard
HEI- High Energy Ignition

Exhaust Emission Control System
AI - Air Injection
EFI- Electronic Fuel Injection
EGR- Exhaust Gas Recirculation
EM - Engine Modifications

EFE- Early Fuel Evaporation
FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst

ESAC-Electronic Spark Advance Control
PAI -Pulse Air Injection
*Service
I - Inspect, repair/replace as neede
R - Replace