

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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 3<sup>rd</sup> day of May, 1976.

*G.C. Hass by P.D. Rachand*  
G. C. Hass, Chief  
Division of Vehicle Emissions Control

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1976 MODEL YEAR

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 attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Idle RPM	Basic Timing	Idle Mixtu	
					Mfr. Part No.	Type	Mfr. Part No.	Type	<input checked="" type="checkbox"/> OC <input type="checkbox"/> TR	EGR				Part No.
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 R050,000 miles	#C41866 I050,000 miles	700-850 in neutral or park  750 Set point	8 + 20@ 750 rpm in neutral or park vacuum advance connected	2-4 5%CO W/O AI Remove plug on diverter valve diaphragm housing) before the catalyst @ exhaust manifold sampling ports (2)

Abbreviations:

- Distributor
- AI - Centrifugal Advance
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications
- HEI - High Energy Ignition
- ESAC - Electronic Spark Advance Control
- PAI - Pulse Air Injection
- \*Service
- I - Inspect, repair/replace as needed
- R - Replace
- EFE - Early Fuel Evaporation
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor