

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-28
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: V12/50
- Engine: 326 CID
- Transmission: 3-speed automatic
- Exhaust Emissions Control Systems: Air injection, electronic fuel injection, exhaust gas recirculation, oxidation catalyst

- Models: XJ-S (2 door Sports Coupe)
- XJ12C (Series II 2 door Coupe)
- XJ12L (Series II 4 door Sedan)

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>
V12/50	0.8	7.5	1.6

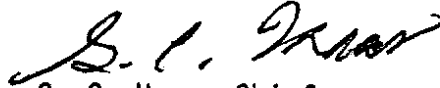
BE IT FURTHER RESOLVED: That this certification is contingent upon Jaguar Cars of British Leyland (U.K.) affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Jaguar Cars of British Leyland (U.K.) 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 10 day of June, 1976.



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

AIR RECORDS BOARD
SUPPLEMENTAL INFORMATION

1976 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS

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

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Idle RPM	Basic Timing	Idle Mixture		
					Mfgr.	Part No.	Type	Mfgr.	Part No.	Type	<input checked="" type="checkbox"/> OC				<input type="checkbox"/> TR	Part No.
V12/50	XJS XJ12C XJ12L	326	A-3	4500	EI C+V	Lucas	EFI	Bosch-Lucas ECU#, Pressure Sensor	AI, EFI, EGR, OC	No Service	Part No.	Service*	1050,000 Miles	700-850 in neu- tral. Adjust by pass screw on idle air valvec	10+20 BTDC @750 RPM	1.0-2.0% CO meas- ured @ AI rail sampling ports. AI is off due to removal of diver- ter valve plug. ECU Switch in trunk is varied to ob- tain CO value.
Engine Code V12LFC- 75/50						C44663		C42947, C42948		CAC1096/ 1097		C44648				
Engine Code V12LFC- 76/50						C46173		C46170, C46172		CAC1096/ 1097		EAC 1262				

Abbreviations:

- Distributor
- C - Centrifugal Advance
 - V - Vacuum Advance
 - VR - Vacuum Retard
 - HEI - High Energy Ignition
 - EI - Electronic Ignition
- Exhaust Emission Control System
- AI - Air Injection
 - EFI - Electronic Fuel Injection
 - EGR - Exhaust Gas Recirculation
 - EM - Engine Modifications
 - CAI - Catalyst Air Injection
- Emission Control System
- EFE - Early Fuel Evaporation
 - FI - Fuel Injection
 - OC - Oxidation Catalyst
 - RC - Reduction Catalyst
 - TR - Thermal Reactor
- Fuel System
- AI - Early Fuel Evaporation
 - FI - Fuel Injection
 - OC - Oxidation Catalyst
 - RC - Reduction Catalyst
 - TR - Thermal Reactor
- Tune-up Specifications
- ESAC - Electronic Spark Advance Control
 - PAI - Pulse Air Injection
 - *Service
 - I - Inspect, repair/replace as needed
 - R - Replace