E.O. Book

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:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 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 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- 5-28 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 Mixture |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | I@50,000 Miles | 700-850 in neutral. Adjust by-pass screw on idle air valve | 10+2° BTDC @750 RPM | 1.0-2.0% CO measured @ AI rail sampling ports. AI is off due to removal of diverter valve plug. ECU Switch in trunk is varied to obtain 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
EFE- Early Fuel Evaporation
FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst
TR - Thermal Reactor
ESAC-Electronic Spark Advance Control
PAI -Pulse Air Injection

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