State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-35
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 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: V12/50
Engine: 326 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air injection, electronic fuel injection, exhaust gas recirculation, oxidation catalyst.

Models: XJ12L
XJ12C
XJ-S

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
V12/50	0.40	6.2	1.2

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 29 day of July, 1977.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Jaguar Cars of British Leyland (U.K.) Limited

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Engine Code V12LFC-77/50

Engine Family V12/50

Engine (CID) 326

Emission Control System EFI,AI,EGR,OC

+10%(A/C) Yes [X] No [ ]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C,VR, EI Mfgr. Part Number	Fuel System Type EFI Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Jaguar XJ12L XJ12C XJ-S	A-3	4500	Lucas 41591	Lucas-Bosch ECU# 83477	73166 * I-50,000 mi.	(1) 4°+2° ATDC @ 750 RPM (2) 1-2% CO at idle with air injection interrupted. This is accomplished by removing the rubber cap on the diverter valve diaphragm housing. (3) 750 RPM in neutral. Adjust bypass screw on idle air valve. All settings with transmission in neutral and air conditioner switched off.

Comments

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