

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-41
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 Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Jaguar Cars of British Leyland (U.K.) Limited exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: V12/50
Displacement: 326 CID
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst, Electronic Fuel Injection

Models, Transmissions and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year 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	0.31	4.8	1.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

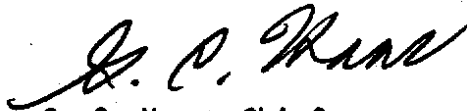
JAGUAR CARS OF
BRITISH LEYLAND (U.K.) LIMITED

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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 30 day of March, 1978



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer British Leyland Ltd. Executive Order No. A-5-41 Page 1

Engine Family V12/50 Engine (CID) 326

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 Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

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

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst

(Feedback Control)

EGR Syst. Service

I-Inspect, repair/replace
as needed

R-Replace

Vehicle Model

XJ12L

XJ-S

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer British Leyland Limited Executive Order No. A-5-41 Page 2

Engine Family V12/50 Engine (CID) 326 Engine Code V12LFC-78/50

Emission Control System AI,EGR,OC,EFI +10%(A/C) Yes No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V,VR HEI Mfgr. Part Number	Fuel System Type EFI Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification
	XJ12L	A-3	4500	Lucas 41770	Lucas-Bosch ECU Part No. 83546	73166	(1) 4°ATDC at idle. Set dynamically using stroboscopic light in conjunction with timing marks on crankshaft damper. (2) 1-2% CO with air injection interrupted by removing the rubber cap on the diverter valve diaphragm housing. CO measured at the sampling ports in the ends of the secondary air distribution rails. (3) 750 RPM in park or neutral
	XJ-S		4000	B.L. Part No. DAC 1609	B.L. Part No. DAC 1596	B.L. Part No. EAC 1262	

Comments: models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue Revisions: