E.O. BOOK

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-40
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: 4.2FI
Displacement: 258 CI
Exhaust Emission Control Systems: Electronic Fuel Injection, Oxidation Catalyst, Reduction Catalyst

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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4.2FI	0.39	5.7	1.3

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".

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 day of April, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer British Leyland Ltd. Executive Order No. A-5-40 Page 1

Engine Family 4.2FI Engine (CID) 258

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

XJ6L

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer British Leyland Limited Executive Order No. A-5-40 Page 2

Engine Family 4.2FI Engine (CID) 258 Engine Code 4.2SFC-78

Emission Control System EFI,OC,RC +10%(A/C) Yes ☒ No ☐

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V, HEI 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
	XJ6L	A-3	4500	Lucas 41745 B.L. Part No. DAC 1315	Lucas/Bosch ECU Part No. 83524 B.L. Part No. DAC 1209	Not Fitted	(1) 4°BTDC at idle. Stroboscopic light in conjunction with timing marks on crankshaft damper. (2) 0.5 - 1.5% CO set by adjusting the air flow by passing the air meter metering flap. Oxygen sensor disconnected. * (3) 800 RPM in neutral *measured upstream of catalyst

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

Date of Issue Revisions: