## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-5-44 Relating to Certification of New Motor Vehicles

JAGUAR CARS
OF
BRITISH LEYLAND (UK) 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 (UK) Limited exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)			
4.2 FI 258		Three Way Catalyst (Electronic Fuel Injection)			

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

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

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".

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" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

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 \_\_\_\_ day of November, 1978.

G. C. Hass, Chief

Vehicle Emissions Control Division

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Manufacturer	British Leyland	Executive Order No. A-5-44	Page	1
Engine Family _	4.2 FI	Engine (CID)258		

ABBREVIATIONS
Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System AI-Air Injection CCAV-Comb. Chamber Air Valve EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification

ESAC-Electronic Spark Advance Control MFI-Mechanical Fuel Injection OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
WOC-Warm-up Oxidation
Catalyst

Vehicle Model

XJ6L

## 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

	χ Passeng	er Cars		Light-Duty	/ Trucks	Medium-Duty	Vehicles
<u></u> 1	anufacturer <u>Ja</u>	iguar Car	s of Bri	tish Leylan	d (UK) Ltd.		Page 1A
E	ngine Family	4.2 FI		Engir	ne (CID) <u>25</u> 8	8	Engine Code <u>4.2 SFC-78</u>
Ei	mission Control	System _	TWC		+ ]	0% (A/C)	Yes X No
Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys.	Type: EFI	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	XJ6L	A-3	4500	Lucas 41745 BL Part No. DAC 1315	Lucas/Bosch ECU Part No. 83524 BL Part No. DAC 1209	Not fitted	(1) 4°BTDC at idle. Stroboscopic light in con- junction 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 discon- nected. CO measured up- stream of catalyst.  (3) 800 RPM in neutral.
_	Comments. Con many one for abbreviations and evaporative emission family identification						

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

\*Axle ratio is that of medium duty certification vehicle.

Date of Issue -