E. C. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-5-2
Relating to Approval of New Motor Vehicles

BRITISH LEYLAND MOTORS INC.
(Jaguar Cars Limited)

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That British Leyland Motors Inc. (Jaguar Cars Limited) exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (cubic inches)	Emission Control System	Vehicle Models
4.2L	258	Air Injection and Exhaust Gas Recirculation	Jaguar XJ6 Sedan.
V12	326	Air Injection and Exhaust Gas Recirculation	Jaguar Series III 'E' Type, Jaguar XJ12 Sedan.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons grams/mile	Carbon Monoxide grams/mile	Nitrogen Oxides grams/mile
4.2L	1.9	35	2.5
V12	2.9	37	2.9

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

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In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 4 day of January, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: BRITISH LEYLAND MOTORS INC. (Jaguar Cars Limited) EXECUTIVE ORDER A-5-2

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Jaguar XJ6 Sedan	258	2 Carb.-1V	A/3	4.2L	4000	750 RPM in Neutral	8° BTDC @ 750 RPM in Neutral	5% CO (Max.) with Air Injection disconnected.
XK-E Series III	258	2 Carb.-1V	A/3 M/4	4.2L 4.2L	3500 3500			
Jaguar Series III 'E'	326	4 Carb.-1V	M/4 A/3	V12	3500	750-800 RPM in Neutral	10° BTDC @ 750 RPM in Neutral	5% CO (Max.) with Air Injection disconnected.
Jaguar XJ12 Sedan	326	4 Carb.-1V	A/3	V12	4000	750-800 RPM in Neutral	10° BTDC @ 750 RPM in Neutral	5% CO (Max.) with Air Injection disconnected.

See other [illegible] for additional information.

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System **			
							Exhaust	NOx	Evap.	Other
Jaguar XJ6 Sedan	258	2 Carb.-1V	A/3	Lucas 22D6	C-VR	Zenith Stromberg 175CD2SE	Air	EGR	CC	DMIS
XK-E Series III	258	2 Carb.-1V	A/3 M/4	41060A						
Jaguar Series III 'E'	326	4 Carb.-1V	M/4 A/3	36DE12 41321	C-VR	175CD2SE	Air	EGR	CC	TCSR
Jaguar XJ12 Sedan	326	4 Carb.-1V	A/3							

* C - Centrifugal
V - Vacuum
VR - Vacuum Retard

** Air = Air Injection
EGR = Exhaust Gas Recirculation
CC = Carbon Canister
DMIS = Duplex Manifold Induction System
TCSR = Transmission Controlled Spark Retard