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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-1
Relating to Approval of New Motor Vehicles

ROLLS-ROYCE MOTORS INC.

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 Rolls-Royce Motors Inc. exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine family described below:

Engine Family: No. 1

Engine: 412 CID

Exhaust Emission Control System: Engine Modification, Exhaust Gas Recirculation, and Air Injection.

Models: Automatic Transmission

Rolls-Royce	SRC	Silver Shadow four door saloon
	LRC	Silver Shadow long wheelbase saloon
	CRC	Corniche saloon
	DRC	Corniche convertible
	JRC	Corniche Mk.II
Bentley	SBC	'T' Series four door saloon
	LBC	'T' Series long wheelbase saloon
	CBC	Corniche saloon
	DBC	Corniche convertible

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 per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
No. 1	3.1	36	1.8

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emissions shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

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 _____ day of November, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

ANUFACTURER: ROLLS-ROYCE MOTORS INC.

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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
olls-Royce Silver hadow 4 door, entley 'T' Series door, olls-Royce orniche Saloon, entley Corniche aloon, Rolls-oyce Silver Sha-ow L.W.B., entley 'T' Series .W.B., Rolls-oyce Corniche onvertible, entley Corniche onvertible, olls-Royce orniche Sedan k.II	412	2-1V	A/T-3	Lucas 35D8 UE 38307	C-VR	S.U. HD8 "A" bank UE38736 "B" Bank UE38738	EM & AI	EGR primary UE38081 secondary UE38734	CAN.	**

* C - Centrifugal
V - Vacuum
VR - Vacuum Retard

** a) Spark control temperature lockout.
b) EGR temperature lockout.
c) EGR secondary valve control switch.
e) Carburetor Mixture weakening device temperature lockout.
f) Temperature controlled air intake.

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SUPPLEMENTAL INFORMATION
1974 Model-Year
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MANUFACTURER: ROLLS-ROYCE MOTORS INC.

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
Rolls-Royce Silver Shadow 4 door, Bentley 'T' Series 4 door, Rolls-Royce Corniche Saloon, Bentley Corniche Saloon	412	2-1V	A/T-3	1	5000	600 RPM neutral	15° BTDC @ 1500 RPM - neutral - vacuum retard disconnected	4.5 to 5.0% at 600 RPM in neutral with air injection, exhaust gas recirculation and vacuum retard disconnected, float chambers vented and A.C.U. switched off.
Rolls-Royce Silver Shadow L.W.B., Bentley 'T' Series L.W.B., Rolls-Royce Corniche Convertible, Bentley Corniche Convertible, Rolls-Royce Corniche Sedan Mk. II					5500			

See other side for additional information.