EO Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-7
Relating to Certification of New Motor Vehicles

ROLLS-ROYCE MOTORS 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 Rolls-Royce Motors Limited exhaust emissions 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)
1	412	Engine Modification, Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

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 Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
1	0.33	3.3	1.1

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 22 day of December, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family 1 Engine (CID) 412

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
EEC-Electronic Engine Control
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

Rolls-Royce

Silver Shadow II
Silver Wraith II
Corniche Coupe
Corniche Convertible

Bentley

T2
T2 LWB
Corniche Coupe
Corniche Convertible

Camargue

Camargue

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[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

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Engine Family 1 Engine (CID) 412 Engine Code 1C

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. EI CA VA	Fuel System Type 2-IV	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Rolls-Royce Silver Shadow II Silver Wraith II Corniche Coupe Corniche Convertible Bentley T2 T2 LWB Corniche Coupe Corniche Convertible Camargue Camargue	A-3	5500	Joseph Lucus Ltd. UE 40967	S.U. Carburetor Co. Ltd. UE 40957	2 Valves Gen. Motors UE 40755 (GM P/N 7045068)	(1) 15° BTDC @ 1200 RPM (2) 1.0-4% @ 650RPM EGR hoses disconnected and plugged. Float chambers vented and hot idle mixture compensator blanked off. Air injection disconnected and check valves blanked. Carburetor float chamber depression: 2.0" H_2O @ 2500 RPM. (3) 650 RPM with hot idle compensator blanked off. (All above setting to be made with transmission in neutral and air conditioning off).

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 -