

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-8
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 emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars:

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|---|
| 2 | 412 | Exhaust Gas Recirculation Three Way Catalyst with Closed Loop (Mechanical 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 1980 model-year vehicles:

| <u>Engine Family</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|----------------------|--|---|---|
| 2 | 0.36 | 4.7 | 0.7 |

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Rolls-Royce Motors Limited has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 27th day of February, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Rolls-Royce Motors Ltd. Executive Order No. A-48-8 Page 1

Engine Family No. 2 Engine (CID) 412

Evaporative Family: 2

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

Vehicle Models

Rolls-Royce Silver Shadow II
 Rolls-Royce Silver Wraith II
 Rolls-Royce Corniche Coupe
 Rolls-Royce Corniche Convertible
 Rolls-Royce Camargue

Bentley T2
 Bentley T2 Long Wheelbase Sedan
 Bentley Corniche Coupe
 Bentley Corniche Convertible

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-48-8

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Rolls-Royce Motors Ltd.

Page 1A

Engine Family No. 2

CID-Type 412-V-8

Engine Code 2

ECS (Special Features) EGR, TWC/CL (MFI)

+ 10% (A/C)

Yes X No

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Test Weight Class (Inertia) | Ign. System CA,VA,VR, EI Mfgr. Part No. | Fuel System MFI Mfgr. Part No. | EGR Valve Mfgr. Part No. | Label Ident. |
|-------------|---|--------|--------------------------------|---|---|---|--------------|
| 2 | Rolls-Royce Silver Shadow II Silver Wraith II Corniche Coupe | A-3 | 5250 | Lucas R-R Part No. UE 43075 | (Electronic Control Unit) Bosch 0 280 800 015 R-R Part No. UD 22870 | GM 7045068 R-R Part No. UE 40755 | UE 43072 |
| | Corniche Convertible | | 5500 | | | | |
| | Bentley | | 5250 | | | | |
| | Bentley T2 Bentley TW LWB Corniche Coupe | | | | | | |
| | Corniche Convertible | | 5500 | | | | |
| | Rolls-Royce Camargue | | | | | | |
| | Camargue | | | | | | |

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.

Version of Issue -