

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-10  
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 Ltd. exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BRR412V6FA4	412 (6.8)	Air Injection - Pump 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 1981 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>
BRR412V6FA4	0.32	2.6	0.6

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".

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 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Rolls-Royce Motors Ltd. 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 12<sup>th</sup> day of November, 1980.

*K. D. Drachand*  
K. D. Drachand, Chief  
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Rolls-Royce Motors Limited Executive Order No. A-48-10 Page 1  
 Engine Family BRR412V6FA4 Evaporative Family 2  
 ABBREVIATIONS Engine CID (Liters) 412 (6.8)

Ignition System

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

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DI-Diesel Injection  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Vehicle Models

Rolls-Royce Silver Spirit  
 Rolls-Royce Silver Spur  
 Rolls-Royce Corniche Coupe  
 Rolls-Royce Corniche Convertible  
 Rolls-Royce Camargue  
 Rolls-Royce Silver Shadow II  
 Rolls-Royce Silver Wraith II  
  
 Bentley Mulsanne  
 Bentley Mulsanne Long Wheelbase Sedan  
 Bentley Corniche Coupe  
 Bentley Corniche Convertible  
 Bentley T2  
 Bentley T2 Long Wheelbase Sedan

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Rolls-Royce Motors Limited

Page 1A

Engine Family BRR412V6FA4

Engine Code

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

CID (Liter)-  
Type

412 (6.8) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight *	Ign. System Mfgr. Part No.	Fuel System MFI Mfgr. Part No.	EGR Valve Mfgr. Part No.	Label Ident. Part No.
	Rolls-Royce Silver Spirit Silver Spur Corniche Coupe Corniche Conv. Camargue Silver Shadow II Silver Wraith II	A3	5250 5500 5250 5500	Lucas 41832 R-R Part No. UE 43075	Bosch Fuel Inj. Metering Unit 0 438 080 016 R-R Part No. UE 43382	GM 7045068 R-R Part No. UE 40755	UE 43402
	Bentley Mulsanne Mulsanne LWD Corniche Coupe Corniche Conv. T2 T2 LWB		5250 5500 5250 5500				

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -