

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 12th 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

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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 -