E.O. Board

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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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 by MW

K. D. Drachand, Chief
Mobile Source Control Division

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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

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

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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	A3		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
	Silver Spirit		5250				
	Silver Spur						
	Corniche Coupe		5500				
	Corniche Conv.						
	Camargue						
	Silver Shadow II		5250				
	Silver Wraith II		5500				
	Bentley						
	Mulsanne		5250				
	Mulsanne LWD						
	Corniche Coupe		5500				
	Corniche Conv.						
	T2		5250				
	T2 LWB		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 -

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