State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-48-12 Relating to Certification of New Motor Vehicles

ROLLS-ROYCE MOTORS LIMITED

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year Rolls-Royce Motors Limited exhaust emission control systems are certified as described below for gasoline-powered passenger cars..

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)		
DRR412V6FAAX	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 emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.32	2.5	0.7

NOx emission standard thereby making the vehicle manufacturer subject to **Section 1960.15** of Title 13, California Administrative Code which includes **repair or** replacement of emission control components up to 7 years or 75,000 **miles** if found defective by the Executive Officer.

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

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 _______

_ day of June, 1982.

K. D. Drachand, Chief

Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Rolls-Royce Motors	Executive Order No.	A-48-12	Page	<u> </u>
Engine Family DRR412V6FAAX	Evaporative Family _	No.1		
	Engine CID (Liters)	412 (6.8)		

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
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

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
DID-Diesel
InjectionDirect
DIP-Diesel
Injection-

MFI-Mechanical Fuel Injection TC-Turbocharged

Prechamber

Vehicle Models

Rolls-Royce Silver Spirit Rolls-Royce Silver Spur Rolls-Royce Corniche Convertible Rolls-Royce Camargue

Bentley Mulsanne L Bentley Corniche Convertible

DRIVE SYSTEM: Front engine/Rear Wheel drive

•		1983 A	IR RESO	URCES BOARD SUPPLEMENT.		age2	<u> </u>
<u>x</u>				y Trucks Medium-Doors Limited			Diesel
		DRR412V Special Features)		CID (liter EGR, TWC/CL) - Type 412 (MFI)	(6.8) - V8	
	jine ode	Vehicle Models (If Coded see attachment)	Trans.	Ign. System CA, VA Part No.	Fuel System MFI Part No.	EGR Valve	Label Ident. Part No.
A		Rolls-Royce Silver Spirit Silver Spur Corniche Conv. Camargue	A3	Lucas 41941 R-R Part No. UE 44406	Bosch Fuel Inj. Metering Unit 0438 080 016 R-R Part No. UE 43382	GM 7045068 R-R Part No UE 40755	UE 44439
		Bentley Mulsanne Mulsanne L Corniche Conv.					

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 - Revisions:

11981