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.

<table>
<thead>
<tr>
<th>Engine Family</th>
<th>Displacement (Cubic Inches, Liters)</th>
<th>Exhaust Emission Control Systems (Special Features)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRR412V6FA4</td>
<td>412 (6.8)</td>
<td>Air Injection - Pump</td>
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<tr>
<td></td>
<td></td>
<td>Exhaust Gas Recirculation</td>
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<tr>
<td></td>
<td></td>
<td>Three Way Catalyst with Closed Loop</td>
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<tr>
<td></td>
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<td>Mechanical Fuel Injection</td>
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</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Engine Family</th>
<th>Hydrocarbons Grams per Mile</th>
<th>Carbon Monoxide Grams per Mile</th>
<th>Nitrogen Oxides Grams per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRR412V6FA4</td>
<td>0.32</td>
<td>2.6</td>
<td>0.6</td>
</tr>
</tbody>
</table>

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
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

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

Manufacturer  Rolls-Royce Motors Limited
Engine Family  BRR412V6FA4
ECS (Special Features)  AIP, EGR, TWC/CL (MFI)

CID (Liter)-Type  412 (6.8) V8

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<td>Rolls-Royce</td>
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<td>5250</td>
<td>Lucas 41832</td>
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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 -

071080